Test plan for BMW Se	rvice (development status)																
BMW Fault BMW ECU type Code (hex) Code	Fault dez) BMW Fault Code Description VS-Text	Fault description	DTC (Diagnostic Trouble Code)	DTC Description	Component	Subcomponent Monitoring criteria	Fault debouncing Terminal condition	s Voltage conditions	Temperature conditions Time condition	ns System test Signal information	Calculated value Y/N	Possible Fault Causes	ML illumin Repair procedures (plant/service) messaga/emerge	tion/CC ccy program Remarks	Customer perception comments	Breakdown instruction	Service instruction
													- ECE emissions of off - ECE electronics	wine namer			
						The fault is recognized when the transport mode is active.							reductio - CC messay - US emissions wa	off c: none			
MEVD17.2- BN2020 0x021200 1356	80 Energy-saving mode: Active	The diagnostic function monitors whether the transport mode is active.				Potential problem source(s): - The transport mode has not been reset	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard el	ict - None - None	End-of-line job. Energy saving mod status_energiesparmodus. 0:	5800 N	- The transport mode has not been reset	- US electronic e reductio - Reset transport mode - CC messa	gine power off	Possible apparent symptoms: Engine speed governed to 4500 rpm.	Breakdown notice: None	The fault self-heals when the energy saving mode is reset. It is not necessary to delete any diagnostic fault codes.
													- ECE emissions of fi	ngine power			
						No PP necessary							reductio - CC messay - US emissions wa	e: none ning lamp: off			
MEVD17.2- BN2020 0x02FF12 1983	70 Dummy Application DTC: application DTC	No PP necessary				Potential problem source(s): - No PP necessary	No PP necessary none	Voltage condition: - Onboard el	oct - None - None	No PP necessary No PP necessary	No PP necessary	- No PP necessary	- US electronic e reduction - No PP necessary - CC messar	gine power off	Possible apparent symptoms: No PP necessary	Breakdown notice: No PP necessary	No PP necessary
						This fault is logged and the throttle valve is deactivated when the PWM signal used to											
						control the throttle valve remains above 80% for longer than 5 sec.  Potential problem source(s):							Use tester to activate throttle valve and observe repositioning speed     Check wifing harness between DME and throttle     ECE electronic of the control of the contr	ngine power			
						- Throttle valve moves diffly, sicking, contaminated - Defect in widing harness between throttle-valve actuator month and DME:  - The contaminated of the contaminate and DME: - The c						- Throttle valve moves stiffly, sticking, contaminated	Visual inspection of throttle valve and air-induction     Visual inspection of from installation     Visual inspection of throttle valve and air-induction     Visual inspection of throttle valve and air-induction	on			
MEVD 17.2- BN2020 0x100001 1048	77 Throttle valve, function: jammed briefly	The diagnostic function monitors the throttle valve control signal for excessively high figures that would indicate that the throttle valve is sticking or seizing.	P1638	Throttle Valve Position Control Throttle Stuck Temporarily (Bank 1)	Throttle Actuator	- Defective throttle-varie actuator Throttle Stuck motor	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard el	oct - None - None	STEUERN_DK, STEUERN_ENDE_none	Y	Defect in wiring harness between throttle-valve actuator motor and DME     Defective throttle-valve actuator motor	whether it progresses throughout its entire travel range freely without excess resistance reduction.  Replace throttle valve -CC messi	gine power on	Possible apparent symptoms: - Reduced power	Breakdown notice: Ability to continue driving is restricted because engine speed is limited to roughly 1300 rpm.	e none
						This fault is entered when the PWM signal used to control the throttle valve remains above 80% for longer than 0.6 sec.							- Use tester to activate throttle valve and observe - ECE emissions v	aming lamp:			
						Potential problem source(s):							repositioning speed on  - Check wiring harmess between DME and throttle valve - Visual inspection of throttle valve and air-induction - CC mess	ngine power			
MEVD17.2-		The diagnostic function checks the throttle valve's control signal for excessively high figures that would		Throttle Valve Position Control Throttle Stuck		sticking, contaminated - Defact in wining harmess between throtile-valve actuator motor and DME - Defactive valve actuator	This fault is logged in the control module's fault memory					Throttle valve moves stiffly, sticking, contaminated     Defect in wiring harness between throttle-valve actuator motor and DME	- Move the throttle valve manually to determine - US emissions wa	ning lamp: on	Possible apparent symptoms:	Breakdown notice: Ability to continue driving is restricted because engine	
BN2020 0x100101 1048	33 Throttle valve, function: jammed permanently	control signal for excessively high figures that would indicate that the throttle valve is seizing.	P1639	Permanently (Bank 1)	Throttle Actuator	Throttle Stuck motor The diagnostic fault code is logged when the difference	immediately. Terminal 15	Voltage condition: - Onboard el	- None - None	STEUERN_DK, STEUERN_ENDE_none	Y	- Defective throttle-valve actuator motor	freely without excess resistance reductio - Replace throttle-valve actuator motor - CC messa	gic on none	- Reduced power	speed is limited to roughly 1300 rpm.	none
						logged when the difference between the specified and the actual value is greater than the characteristic curve over throsts- valve greater (4% - 50%).							- Check wiring harness between DME and throttle valve on				
		The diagnostic function monitors the difference				Potential problem source(s): - Stiction in throttle valve - Defect in widon harness							- Use tester to activate thrortle valve and observe its reaction - Check throttle valve for contamination and foreign objects				
MEVD17.2- BN2020 0x100201 1049	89 Throttle valve, function: sluggish, too slow	between specified and actual throttle-valve values. If this figure remains too high for a specified period, a fault is recognized and the throttle valve is deactivated.	P11AA	Throttle tight (Bank 1)	Throttle	behween throttle-valve actuator motor and DME  - Defective throttle-valve actuator motor Tight	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard el	sc#-None -None	STEUERN_DK, STEUERN_ENDE_none	Y	Stiction in throttle valve     Defect in wiring harness between throttle-valve     actuator motor and DME     Defective throttle-valve actuator motor	Move throttle valve by hand, checking for resistance to motion and noting how quickly it closes when released     Replace throttle-valve actuator motor     CC messi	gine power on	Possible apparent symptoms: - Reduced power	Breakdown notice: Ability to continue driving is restricted because engine speed is limited to roughly 1900 rpm.	e none
100	aggers, and ones					The diagnostic fault code is logged when the difference between the prooffice foult the							COMMA				
						actual value is greater than the characteristic curve over throttle- valve gradient (4% - 50%).							- Check wiring harness between DME and throttle     valve     - Use tester to activate throttle valve and observe its     - ECE electronic	ngine power			
		The diagnostic function monitors the difference between specified and actual throttle-valve values. If				Potential problem source(s): - Stiction in throttle valve - Defect in wiring harness between throttle-valve actuator						- Stiction in throttle valve	reaction reductio  - Check throttle valve for contamination and foreign objects  objects	on			
MEVD17.2- BN2020 0x100210 1049	Throttle-valve actuator, position monitoring: positional variation	this figure remains too high for a specified period, a	P1637	Throttle Valve Position Control, Control Deviation (Bank 1)	Throttle Actuator	motor and DME - Defective throttle-valve actuator Position Control - Defective throttle-valve actuator - Position Control	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard el	cct - None - None	STEUERN_DK, STEUERN_ENDE_none		Defect in witing harness between throttle-valve actuator motor and DME     Defective throttle-valve actuator motor	- move introse vavie by name, creating for reseasance - US eliminations with to motion and noting how quickly it closes when released - US electronic - US electronic released - Replace throttle-valve actuator motor - CC messa	gine power	Possible apparent symptoms: - Reduced power	Breakdown notice: Ability to continue driving is restricted because engine speed is limited to roughly 1300 rpm.	e none
						another fault related to the throttle valve (L4: 10404, 10405, 10406, 10406, 10409, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 10400, 104000, 104000, 104000, 104000, 104000, 104000, 104000, 104000, 1040000, 104000, 104000, 104000, 104000, 1040000, 1040000, 1040000, 10400000, 10400000, 10400000, 10400000, 1040000000, 104000000000											
						10001; L8: 0x101001, 0x101002, 0x107A22, 0x107A30, 0x107A31											
						0x107A92, 0x107A90, 0x107A91, 0x107A90, 0x107A91, 0x100210) is present.											
						Potential problem source(s): - Additional throttle valve error path at one or both throttle-valve potentionnaters							- ECE emissions on - Composite fault - Seek original source fault for throttle valve in ECU	ngine power			
						The diagnostic fault code is entered together with faults for the throttler-valve potertioner of a nation of						Additional throttle valve error path at one or both throttle-valve potentiometers     The diagnostic fault code is entered together with faults for the throttle-valve potentiometer 1 and/or 2,	food memory (L4: 10104 10105 10106 10109 CC more	ge: on ning lamp: on		Breakdown notice: - It is possible to continue driving the vehicle, but	
MEVD17.2- BN2020 0x100A02 1051	Throttle valve, throttle potentiometer 1 and 2: Double 38 fault	Collective fault: Throttle valve.	P110D	Throttle Position Sensor A and B Circuit Range/Performance (Bank 1)	Throttle Position Sensor	1-2 tauts, or tauts detected during the spring test The fault is recognized when a	Depends on original fault source (min. 0.14 sec., max. 0.6 sec. Terminal 15	Voltage condition: - Onboard el	col - None - None	NO none	Y	position controller faults, or faults detected during the spring test	0x107A90, 0x107A91, 0x100210) and repair it using reduction test plan - CC mesa	on	Possible apparent symptoms: - Reduced power	passing maneuvers should not be attempted owing to the reduction in engine output.	none
						defect at sensor 2 or a clocking error [deviation between sensor 1 and sensor 2 > 6.3% throttle valve ] is detected and											
						comparison between sensor 1 and default value is greater than 14.9%.							- ECE emissions on - ECE electronic	aming lamp:			
		When a single fault occurs at the throttle valve, the				Potential problem source(s): - Defect in wiring harness between throttle-valve accustor motor and DME						- Defect in wiring harness between throttle-valve	reductio - CC mess - Check wiring harness between DME and throttle - US emissions wa	ge on		Breakdown notice:	
MEVD17-2- BN2020 0x100C08 1051	Throttle valve, throttle potentiometer 1: Signal implausible for air mass	diagnostic function monitors the operation of the remaining sensor. The deviation in the sensor signal is plausibilized against the default value from air mass.	P1141	Value Comparison Throttle Position Sensor 1 / Hot Film Air Mass Meter (Bank 1)	Throttle Position Sensor / Air Mass Meter	- Introde-varve sensor cerective - AD converter input on DME defective	This fault is logged in the ECU fault memory immediately.  0.28 sec. Terminal 15	Voltage condition: - Onboard el	col - None - None	STEUERN_DK, STEUERN_ENDE_Sensor 1 voltage: 0.5 V (0x5	B4E) Y	actuator motor and DME - Throttle-valve sensor defective - AD conventer input in DME defective	valve - US electronic e - Replace DME - CC messe - CC messe	gine power on	Possible apparent symptoms: - Reduced power	It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to the reduction in engine output.	
						The fault is recognized when a defect at sensor 1 or a clocking error (deviation between sensor 1 and sensor 2 = 6.3% strottle											
						valve ] is detected and correparison between sensor 2 and default value is greater than 14.9%.							- ECE emissions	aming lamp:			
						Postantial anablem accurrence:							- ECE electronic o redució - CC messi	ngine power			
MEVD17.2-	Throttle valve, throttle potentiometer 2: Signal	When a single fault occurs at the throttle valve, the diagnostic function monitors the operation of the remaining sensor. The deviation in the sensor signal is plausibilized against the default value from air mass.		Value Comparison Throttle Position Sensor 2 / Hot		- Defect in wife parameter between Throttle-valve actuator motifier and throttle-valve actuator motifier and the Committee actuator motifier and the Committee actuator Throttle-valve sensor defined we - AD conventer legi	This fault is logged in the control module's fault memory immediately. Terminal 15					Defect in wiring harness between throttle-valve actuator motor and DME     Throttle-valve sensor defective     AD conventer input in DME defective	- Check wiring harness between DME and throttle valve - Replace throttle valve - Replace throttle valve - US emissions wa	gine power on	Possible apparent symptoms:	Breakdown notice: - It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to	10
BN2020 0x100E08 1052	oo impausible for air mass	preunotitized against the default value from air mass.	P1182	Film Air Mass Meter (Bank 1)	Throttle Position Sensor / Air Mass Meter	2 defective	immediately. Terminal 15	Voltage condition: - Onboard el	- None	STEUERN_DK, STEUERN_ENDE, Sensor 1 voltage: 0.5 V (0x5	94C)  Y	- AU conventer input in DME defective	- Replace OME - CC messa	ge: on none	- Reduced power	the reduction in engine output.	none
													- ECE emissions on on - ECE electronic e	aming lamp: ngine power			
						The fault is recognized when the signal from throttle valve sensor 1 rises above the fault threshold of 4.75 V.							nductio - CC mess MY10 US - US emissions wa	con ggr on 11/10: ning lamp: on			
						Potential problem source(s): - Defect in widing harmess between throtte-valve actuator motor and DME							- US electronic e	gine power			
MEVD17.2- BN2020 0x101001 1052	Throttle valve, throttle-valve potentiometer 1, electric: 73 short circuit to positive or open circuit	The diagnostic function checks the signal from throttle valve actuator 1 for electrical faults.	P0123	Throttle/Pedal Position Sensor/Switch 'A' Circuit High	Throttle Position Sensor	motor and DME - Throttle-valve sensor defective - AD conventer input in DME 1 defective	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard el	nct - None - None	STEUERN_DK, STEUERN_ENDE, Sensor 1 voltage: 05 V (0x1	i84E) N	Defect in wiring harness between throttle-valve actuator motor and DME     Throttle-valve sensor defective     AD conventer input in DME defective	- Check wiring harness between DME and throttle valve - US emissions wa - US electronic e - Replace throttle valve - Replace DME - CC messi	gne power	Possible apparent symptoms: - Reduced power	Breakdown notice:  - It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to the reduction in engine output.	none
													ECE				
						The fault is recognized when the							- ECE emissions on - ECE electronic reductio	ngine power			
						The fault is recognized when the signal from throttle valve sensor 1 falls below the fault threshold of 0.22 V.							- CC mesa MY10 US - US emissions wa - US electronic e	ge: on 11/10: ning lamp: on gine power			
						Potential problem source(s):  - Defect in winning harmass beheen throttle-valve actuator moter and DME  - Throttle-valve sector of sletche						- Defect in wiring harness between throttle-valve	reductio - CC mess MY10 US - Check wiring harness between DME and throttle - US emissions wa	on ge: on		Breakdown notice:	
MEVD17.2- BN2020 0x101002 1052	Throttle valve, throttle-valve potentiometer 1, electric: short circuit to ground	The diagnostic function checks the signal from throttle valve actuator 1 for electrical faults.	P0122	Throttle/Pedal Position Sensor/Switch 'A' Circuit Low	Throttle Position Sensor	- Throttle-value sensor defective - AD conventer input in DME defective	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard el	- None - None	STEUERN_DK, STEUERN_ENDE_Sensor 1 voltage: 0.5 V (0x1	84E) N	Defect in wiring harness between throttle-valve actuator motor and DME     Throttle-valve sensor defective     AD converter input in DME defective	- Replace throttle valve - CC messi	on	Possible apparent symptoms: - Reduced power	Breakdown notice:  - It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to the reduction in engine output.	none
													ECE emissions v	aming lamp:			
						The fault is recognized when the signal from throttle valve sensor 2 ries above the fault threshold							- ECE electronic de reduction	ngine power			
						2 rises above the fault threshold of 4.77 V.  Potential problem source(s):							- CC mass MY10 US - Us emissions wa - Us electronic e reduction	ning lamp: on gine power			
						Defect in wiring harness between throtte-valve actuator motor and DME	This fault is logged in the control					Defect in wiring harness between throttle-valve actuator motor and DME	- CC mess MY10 US Check widon bronces between DME and thereto	ger on 13/10:		Breakdown notice: - It is possible to continue driving the vehicle, but	
MEVD17.2- BN2020 0x101201 1053	Throttle valve, throttle potentiometer 2, electrical: Short circuit to B+	The diagnostic function checks the voltage of throttle valve sensor 2 for electrical faults.	P0223	Throttle/Pedal Position Sensor/Switch 'B' Circuit High	Throttle Position Sensor	- Throttle-valve sensor defective  - AD converter input in DIME  defective  2	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard el	- None - None	STEUERN_DK, STEUERN_ENDE_Voltage sensor 2: 0.5 V (0x5	84C) N	actuator motor and DME - Throttle-valve sensor defective - AD converter input in DME defective	valve - Us electronic e - Pepiace throttle valve - CC mesa	on ge on none	Possible apparent symptoms: - Reduced power	It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to the reduction in engine output.	noné
													ECE emissions v	aming lamp:			
						The fault is recognized when the signal from throttle valve sensor 2 fells below the fault threshold of 0.22 v.							on - ECE electronic reductio - CC mass MY10 US				
						Potential continue course(c)							- US electronic e	gine power			
						- Obtacle in willing harmosis between throttle-value actuator motor and for motor and office and office and office - Throttle-value sensor defined - AD converter legal in DME	This fault is logged in the control					Defect in wiring harness between throttle-valve actuator motor and DME	valve US electronic e			Breakdown notice: - It is possible to continue driving the vehicle, but	
MEVD17.2- BN2020 0x101202 1053	Throttle valve, throttle potentiometer 2, electrical: 86 Short circuit to earth or line disconnection	The diagnosis function checks the voltage of throttle valve sensor 2 for electrical faults.	P0222	Throttle/Pedal Position Sensor/Switch 'B' Circuit Low	Throttle Position Sensor	- AD converter input in DME 2 defective	module's fault memory immediately. Terminal 15	Voltage condition: - Onboard el	- None - None	STEUERN_DK, STEUERN_ENDE_Voltage sensor 2: 0.5 V (0x5	B4C) N	actuator motor and DME - Throttle-valve sensor defective - AD converter input in DME defective	- Replace throttle valve reduction - Replace DME - CC mess	on ge on none	Possible apparent symptoms: - Reduced power	passing maneuvers should not be attempted owing to the reduction in engine output.	none

						Learning routine for lower mechanical travel stop aborted									
						owing to low battery voltage (< 10 V).						- ECE emissions warning lamp: on - ECE electronic engine power			
						Potential problem source(s): - Fault code entry is for					- Check battery voltage (> 10 V), Terminal 15 off ->	reduction: on - CC message: on			
	During the throttle valve adaptation the diagnostic					information only  - Throttle-valve adaptation aborted in response to low This fault is logged in the control				- Fault code entry is for information only	Terminal 15 on > Wait 1 min - Provided that the voltage condition has been met the fault should not occur again	- US emissions warning lamp: on - US electronic engine power		Breakdown notice:	
MEVD17.2- BN2020 0x101401 1053697 Throttle valve, adaptation: Marginal conditions in met	not function monitors compliance with the prescribed process conditions.	P1632	Throttle Valve Adaptation Conditions Not Met (Bank 1)	Throttle Actuator	Adaptation	onboard electrical system module's fault memory voltage immediately.	Terminal 15 Voltage condition	: - Onboard elect - Engine warmed to normal tempers - 30 sec. after Terminal 15 c	on NO none	Throttle-valve adaptation aborted in response to low onboard electrical system voltage	- Component replacement based on this fault is not necessary!	reduction: on - CC message: on	Possible apparent symptoms: none - Reduced power	Ability to continue driving is restricted because engine speed is limited to roughly 1300 rpm.	none
						The fault is recognized when the									
						point are determined to be less than 1.8% or larger than 16%									
						during the adaptation process.  Potential problem source(s):						- ECE emissions warning lamp:			
						- Defect in wiring harness hetween throttle-valve actuator					Determine whether throttle valve is open to an aperture of roughly 8" (almost closed) when no	on - ECE electronic engine power			
						motor and DME - Dirt/contamination on throttle					voltage is applied, check measured data in tester (sensor 1 and 2 voltage, throttle-valve angle)	reduction: on - CC message: on			
	The diagnostic function monitors the throttle valve to determine whether it is at the ememenry air profilm					- Throttle valve seized in open or fillburinsed prediction.  This fault is innered in the control.				- Defect in wiring harness between throttle-valve actuator motor and DME - Diffoortamination on throttle valve	Visual inspection of throttle valve and air-induction system for contamination     Check widon harness between DMF and throttle	- US emissions warning lamp: on		Breakdown notice:	
MEVD17.2- BN2020 0x101402 1053698 Throttle valve, adaptation: emergency running position not adapted	determine whether it is at the emergency air position g (open at angle of roughly 7.6") when no voltage is applied.	P1633	Throttle Valve Adaptation Limp-Home Position Unknown (Bank 1)	Throttle Actuator	Adaptation	fully-closed position - Defective throttle-valve actuator motor  This fault is logged in the control module's fault memory immediately.	Terminal 15 Voltage condition	: - Onboard elect - Engine warmed to normal tempers - 30 sec. after Terminal 15 c	on STEUERN DK, STEUERN ENDE none	Throttle valve seized in open or fully-closed position     Defective throttle-valve actuator motor	Check witing harness between DME and throttle valve     Replace throttle-valve actuator motor	- US electronic engine power reduction: on - CC message: on	Possible apparent symptoms: none - Reduced power	<ul> <li>It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to the reduction in engine output.</li> </ul>	none
						The fault is recognized when the limits specified for the signal									
						voltages (sensor 1 signal voltage < 0.27 V, sensor 2 > 4.73 V) are violated during the repeat									
						violated during the repeat adaptation routine (roughly 30 sec. at Terminal 15 without									
						engine start) or the mutual deviation between the sum					Clear ECU fault memory? Ignition off? Ignition on				
						voltages for sensors 1 and 2 of 5 V is more than X V.					for at least 1 minute 2. If fault remains:	- ECE emissions warning lamp:			
						Potential problem source(s): - Fault during repeat					2.a. Check wiring harness DME - throttle valve (sum of throttle-valve voltages must equal 5 V)     2b. Check to determine whether foreign objects/matter in the intake manifold or at the throttle	on - ECE electronic engine power reduction: on			
	The diagnostic function monitors the throttle valve to					initialization attempt; lower mechanical travel limit ranne				Fault during repeat initialization attempt; lower machanical travel limit range violation: 1.a. Travel		- CC message: on			
	determine whether it reaches the lower mechanical travel stop (UMA) during a repeat throttle-valve adaptation routine (after roughly 30 sec. Terminal 15					violation; 1.a. Travel stop dirty, 1.b. Foreign object/matter 1.c. Sporadic contact resistance This fault is logged in the control module's fault memory				stop dirty, 1.b. Foreign object/matter	2.c. Completely close the throttle valve by hand and measures the voltages on the two sensors (S1: 0.5 V +/	- US emissions warning lamp: on - US electronic engine power		Breakdown notice:	
MEVD17.2- BN2020 0x101408 1053704 Throttle valve, adaptation: initial adaptation, low limit position not taught in	adaptation routine (after roughly 30 sec. Terminal 15 without engine start).	P16BC	Throttle Valve Adaptation Lower Stop Not Learned (Bank 1)	Throttle Actuator	Adaptation	1.d. Defective throttle views immediately.	Terminal 15 Voltage condition	: - Onboard elect - Engine warmed to normal tempers - 30 sec. after Terminal 15 c	on NO none	Sporadic contact resistance     1.d. Defective throttle valve	tolerance, S2: 4.5 V +/- tolerance) 3. Replace throttle valve	reduction: on - CC message: on	Possible apparent symptoms: - Reduced power - Reduced power	Ability to continue driving is restricted because engine speed is limited to roughly 1300 rpm.	none
						The fault is recognized when the limits for the approved signal									
						limits for the approved signal voltages (signal voltage sensor 1 < 0.27 V, sensor 2 > 4.73 V) are violated during the initial									
						adaptation, or when the deviation of the sum voltage of									
						sensor 1 and sensor 2 of 5 V exceeds X V.					Clear ECU fault memory ? Ignition off? Ignition on for at least 1 minute     If fault is still present:	ECE emireier			
						Potential problem source(s): - Fault during initial initialization					If sut is still present:     a. Check wiring harness DME - throttle valve (sum of throttle valve voltages must equal 5 V)     b. Inspect to determine whether any objects are	- ECE emissions warning lamp: on - ECE electronic engine power			
						Fault during initial initialization attempt; lower mechanical travel stop range violation:     Dirticontamination on travel				- Fault during initial initialization attempt; lower		reduction: on - CC message: on			
	The diagnostic function monitors the throttle valve to					Dirticontamination on travel     stop     Foreign matteriobject(s)     This fault is logged in the control				mechanical travel stop range violation: - Distocratamination on travel stop - Engine methorshipsin(s)	valve's travel range - c. Completely close the throttle valve by hand and measures the voltages on the two sensors (S1: 0.5 V +/	- US emissions warning lamp: on		Breakdown notice:	
MEVD17.2- BN2020 0x101410 1053712 Throttle valve, adaptation: Marginal conditions in met, battery voltage too low	not determine whether it reaches the lower mechanical	P16E6	Throttle Valve Adaptation Conditions Not Met, Battery Voltage Too Low (Bank 1)	Throttle Actuator	Adaptation	- Sporadic contact resistance module's fault memory - Defective throttle valve immediately.	Terminal 15 Voltage condition	: - Onboard elect - Engine warmed to normal tempers - 30 sec. after Terminal 15 o	on NO none	Foreign matteriotyject(s)     Sporadic contact resistance     Defective throttle valve	measures the voltages on the two sensors (51: 0.5 V +F tolerance, S2: 4.5 V +F-tolerance) - Replace throttle valve	- US electronic engine power reduction: on - CC message: on	Possible apparent symptoms: none - Reduced power	Ability to continue driving is restricted because engine speed is limited to roughly 1300 rpm.	none
						If the deviation in the two voltages from sensors 1 and 2 exceeds a value defined in the									
												- ECE emissions warning lamp: off			
						the fault is recognized.  Potential problem source(s):						- ECE electronic engine power reduction: off  - CC message: none	Possible apparent symptoms:		
						- Defect in wiring harness between throttle valve						- US emissions warning lamp; on		Pronkdown police:	
MEVD17.2- Throttle valve, throttle potentiometer: plausibilit Timing fault between potentiometer 1 and	The diagnostic function monitors the mutual deviation		Throttle/Pedal Position Sensor/Switch 'A' / 'B'			between throttle valve potentiometer and DME This fault is logged in the control module's fault memory				- Defect in wifing harness between throttle valve potentiometer and DME	Check wiring harness between throttle valve potentiometer and DME	- US electronic engine power reduction: on	absolute value (34.5% pedal) In combination with fault in accelerator pedal se 1 andior 2, increased idle speed and no process	ng of passing maneuvers should not be attempted owing to	.
BN2020 0x101C08 1055752 potentiometer 2	between the two sensor voltages.	P11SF	Synchronous Operation Correlation (Bank 1)	Throttle Position Sensor	Correlation	defective immediately.  The fault is recognized when the	Terminal 15 Voltage condition	: - Onboard elects - None - None	Accelerator pedal sensor 1 voltage Pedal data sensor 1 voltage (0x5	h:584N - Throttle valve potentiometer defective	- Replace throttle valve potentiometer	- CC message: on	none accelerator pedal data	the reduction in engine output.	None
						relationship between the indicated instake manifold pressure and the mass airflow									
						calculated based on throttle- valve angle is not correct.						- ECE emissions warning lamp:			
						Potential problem source(s): - Measured value for intake					Check intake system and crankcase for leakage     Check throttle valve (contamination, carbon deposits, icing)	on - ECE electronic engine power reduction: on			
						manifold pressure (absolute) too high				- Measured value for intake manifold pressure	<ul> <li>Check plug and wiring harness between intake- manifold pressure sensor and DME</li> </ul>	- CC message: on			
MEVD 17.2- Throttle-valve angle - intake-marrifold pressure	The diagnostic function monitors the throttle valve aperture and the current intake manifold pressure reading to determine whether they are mutually		Manifold Absolute Pressure to Throttle Angle - Too			Vacuum leak within induction tracticraniscase     This fault is logged in the control module's fault memory				(absolute) too high  - Vacuum leak within induction tracticrankoase  - Incorrect throttle-valve angle	Check plug, wiring harness at electric throttle-valve actuator     Replace pressure sensor	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms:	Breakdown notice:	
BN2020 0x101F01 1058513 correlation: limit value exceeded	plausible.	P112F	High (Bank 1)	Manifold Absolute Pressure	Correlation	- Pressure sensor defective immediately.	none Voltage condition	: - Onboard elect - 30°C < intake-air temperature < 1- None	NO none	Y - Incornect information angle  - Pressure sensor defective	- Replace throttle valve	- CC message: none	none Prosesse upperent symptotres:	-none	None
						The fault is recognized when the relationship between the									
						indicated intake manifold pressure and the mass airflow									
						valve angle is not correct.						- ECE emissions warning lamp:			
						Potential problem source(s): - Measured value for intake					Check intake system and crankcase for leakage     Check throttle valve (contamination, carbon deposits,	on - ECE electronic engine power			
	1	1							1						
										- Measured value for intake manifold pressure	icing) - Check wiring harness between intake-manifold	reduction: on - CC message: on			
	The diagnostic function monitors the throttle valve anothers and the current intake manifold nessure					manifold pressure (absolute) is too low - Defective plug or wiring harness - Vacuum leak within induction				(absolute) is too low - Defective plug(s) or wiring harness	icing)  - Check wiring harness between intake-manifold pressure sensor and DME  - Check plug, wiring harness at electric throttle-valve	- CC message: on - US emissions warning lamp: off			
MEVOT17.2- BIQ000 0c101702 1058514 correlation into each understand present	aperture and the current intake manifold pressure	P112E	Manifold Absolute Pressure to Throttle Angle - Too Low (Bank 1)	Manifold Absolute Pressure	Cornelation	manifold pressure (absolute) is too low - Defective plug or wiring harness	none Voltage condition	: - Onboard elect - None - None	NO cone	(absolute) is too low	icing) - Check wiring harness between intake-manifold pressure sensor and DME	- CC message: on	Possible apparent symptoms:	Breakdown notice: - none	None
BN2020 0x101F02 1056514 correlation: limit value undershot	aperture and the current intake manifold pressure re, reading to determine whether they are mutually	P112E P006O	Low (Bank 1)  Mass or Volume Air Flow 'A' Circuit	Marifold Absolute Pressure Mass Air Flow	Conveliation Too High	manifold pressure (absolute) is  Defective plag or wiring harness  - Vaccum lanek within induction tracticrankosae - Incomect frottle-valve angle module's fault memory	none Vottage condition	- Orboard disc! None None	NO room	(absolute) is too low  - Defective plug(s) or wiring harness  - Vacuum leak within induction tracticnankoase  - Incorrect throttle-valve ande	icing)  - Check wiring harness between intake-manifold pressure sensor and DME  - Check plug, wiring harness at electric throttle-valve actuator  - Replace pressure sensor	- CC massage: on - US emissions warning lamp: off - US electronic engine power reduction: off			None
BNA0000 (vol1692 1056514 correlation; limit value undershot BNA0000 (vol10011 1056789 MVVVIT 2- BNA0000 (vol100011 1056789 MVVIT 2- BNA00000 (vol100011 1056789 MVVIT 2- BNA00000 (vol100011 1056789 MVVIT 2- BNA00000 (vol100011 1056789 MVVIT 2- BNA0000000 (vol100011 1056789 MVVIT 2- BNA00000000 (vol100011 1056789 MV	aperture and the current intake manifold pressure re, reading to determine whether they are mutually	P115D	Low (Bank 1) Mass of Volume Air Flow "A' Circuit Range-Performance - Air Flow Too High Mass or Volume Air Flow "A' Air Mass Too High Compared to Model Mass or Volume Air Flow "A' Circuit	Mass Air Flow	Comparison to Model	manifold pressure (absolute) is  Defective plag or wiring harness  - Vaccum lanek within induction tracticrankosae - Incomect frottle-valve angle module's fault memory	none Vittage condition	- Ottoped steel - None - None	NO sone	(absolute) is too low  - Defective plug(s) or wiring harness  - Vacuum leak within induction tracticnankoase  - Incorrect throttle-valve ande	icing)  - Check wiring harness between intake-manifold pressure sensor and DME  - Check plug, wiring harness at electric throttle-valve actuator  - Replace pressure sensor	- CC massage: on - US emissions warning lamp: off - US electronic engine power reduction: off			More
BACCOD   0x101702   1056545   commission timit seles undernint.   1056796	aperture and the current intake manifold pressure re, reading to determine whether they are mutually	P115D P009C	Low (Blank 1) Mass or Volume Air Flow Yo Circuit Range-Performance - Air Flow You High Mass or Volume Air Flow You High Mass or Volume Air Flow You Mass Too High Companied to Model Mass or Volume Air Flow You Circuit Range-Performance - Air Flow Too Low Mass or Volume Air Flow You Air Mass Too Low Mass or Volume Air Flow You Air Mass Too Low	Mass Air Flow Mass Air Flow	Comparison to Model Too Low	manifold pressure (absolute) is  Defective plag or wiring harness  - Vaccum lanek within induction tracticrankosae - Incomect frottle-valve angle module's fault memory	none Voltage condition	- Othograf dated - Norse . Norse	900 Innes	(absolute) is too low  - Defective plug(s) or wiring harness  - Vacuum leak within induction tracticnankoase  - Incorrect throttle-valve ande	icing)  - Check wiring harness between intake-manifold pressure sensor and DME  - Check plug, wiring harness at electric throttle-valve actuator  - Replace pressure sensor	- CC massage: on - US emissions warning lamp: off - US electronic engine power reduction: off			None
BNA0000 (vol1692 1056514 correlation; limit value undershot BNA0000 (vol10011 1056789 MVVVIT 2- BNA0000 (vol100011 1056789 MVVIT 2- BNA00000 (vol100011 1056789 MVVIT 2- BNA00000 (vol100011 1056789 MVVIT 2- BNA00000 (vol100011 1056789 MVVIT 2- BNA0000000 (vol100011 1056789 MVVIT 2- BNA00000000 (vol100011 1056789 MV	aperture and the current intake manifold pressure re, reading to determine whether they are mutually	P115D	Low (Bank 1) Mass of Volume Air Flow "A' Circuit Range-Performance - Air Flow Too High Mass or Volume Air Flow "A' Air Mass Too High Compared to Model Mass or Volume Air Flow "A' Circuit	Mass Air Flow	Comparison to Model	method op resulters (astrocker) in  Defection by any one of the  Vision to like with induction  Sectorisation and are  Pressure sensor defection  The fact is signed in the control  control  Control  The sector	nore Vittige contil	- Othored dated -None I None	NO 1000	(absolute) is too low  - Defective plug(s) or wiring harness  - Vacuum leak within induction tracticnankoase  - Incorrect throttle-valve ande	icing)  - Check wiring harness between intake-manifold pressure sensor and DME  - Check plug, wiring harness at electric throttle-valve actuator  - Replace pressure sensor	- CC massage: on - US emissions warning lamp: off - US electronic engine power reduction: off			More
BACCOD   0x101702   1056545   commission timit seles undernint.   1056796	aperture and the current intake manifold pressure re, reading to determine whether they are mutually	P115D P009C	Low (Blank 1) Mass or Volume Air Flow Yo Circuit Range-Performance - Air Flow You High Mass or Volume Air Flow You High Mass or Volume Air Flow You Mass Too High Companied to Model Mass or Volume Air Flow You Circuit Range-Performance - Air Flow Too Low Mass or Volume Air Flow You Air Mass Too Low Mass or Volume Air Flow You Air Mass Too Low	Mass Air Flow Mass Air Flow	Comparison to Model Too Low	method by present jelectricity in the Conference of the Conference	none vottege conditi	. Othered steel - None	350 Inne	(absolute) is too low  - Defective plug(s) or wiring harness  - Vacuum leak within induction tracticnankoase  - Incorrect throttle-valve ande	icing)  - Check wiring harness between intake-manifold pressure sensor and DME  - Check plug, wiring harness at electric throttle-valve actuator  - Replace pressure sensor	CO message: or US amazino a maring lump of US amazino a maring lump of US alectoric signs power reactoric.     CO message: note			None
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BACCOD   0x101702   1056545   commission timit seles undernint.   1056796	aperture and the current intake manifold pressure re, reading to determine whether they are mutually	P115D P009C	Low (Blank 1) Mass or Volume Air Flow Yo Circuit Range-Performance - Air Flow You High Mass or Volume Air Flow You High Mass or Volume Air Flow You Mass Too High Companied to Model Mass or Volume Air Flow You Circuit Range-Performance - Air Flow Too Low Mass or Volume Air Flow You Air Mass Too Low Mass or Volume Air Flow You Air Mass Too Low	Mass Air Flow	Comparison to Model Too Low	mediately present placetors (see Section 1) and the section 1. Occasion has within includion 1. Occasion has within includion 1. Occasion has within includion 1. Occasion 1.	nore votinge coolis	- Othoged dated - Norse - Norse	NO 1004	((shoulds)) too low -Pollectine (pulps)) or wifely phemas -Pollectine (pulps) or wifely phemas -Pollectine (pulps) or wifely phemas -Pollectine (pulps) -Pollectine (p	Check wider ja harman kind an analysta several communication and the check wider ja harman at describ hottlev-side actualization and analysta several communication and analysta several communication and several sev	Comesage on     Us described wanted large of     Us described wanted large of     Us described wanted large     ends of     Comesage one			More
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								The fault is recognized when the voltage at sensor 1 is less than 0.566 V.							- ECE emissions warning lamp:				
								Potential problem source(s): - Defect in wiring harness between DME and accelerator							off - ECE electronic engine power reduction: off				
								pedal module sensor 1  - Voltage supply for accelerator pedal module in the DME is					Defect in wiring harness between DME and accelerator pedal module sensor 1     Voltage supply for accelerator pedal module in the	Check wiring harness between DME and accelerator pedal     Check voltage supply at accelerator pedal module	- CC message: on - US emissions warning lamp: on		Possible apparent symptoms: - Limit on pedal value variation and on maximum absolute value (34.5% pedal)	Breakdown notice:	
MEVD17.2- BN2020	0x103002 1060866	Accelerator-pedal module, pedal-travel sensor 1, 6 electric: short circuit to ground or open circuit	The diagnostic function monitors the voltage of sensor 1,	P2122	Throttle/Pedal Position Sensor/Switch 'D' Circuit Low	Pedal Position Sensor	D Electrical	- Accelerator pedal module defective This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard ele	- None - None	Accelerator pedal sensor 1 voltage   Accelerator pedal sensor 1 volt	Voltage supply for accelerator pedal module in the      DME is defected.  Accelerator pedal module defective  Accelerator pedal module defective	sensor 1 for 5 V - Replace accelerator pedal - Replace DME	- US electronic engine power reduction: on - CC message: on	none	In combination with fault in accelerator pedal sensor     2 or clocking error, increased idle speed and no     processing of accelerator pedal	It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to the reduction in engine output.	none
								The fault is recognized when the voltage at sensor 2 rises above 2.043 V.							- ECE emissions warning lamp: off - ECE electronic engine power				
								Potential problem source(s): - Defect in wiring harness						- Check wiring harness between DME and accelerator	reduction: off - CC message: on		Possible apparent symptoms: - Limit on pedal value variation and on maximum		
MEVD17.2-		Accelerator-pedal module, pedal-travel sensor 2,	The diagnostic function monitors the voltage of sensor					between DME and accelerator pedal module sensor 2 This fault is logged in the control - Accelerator pedal module module's fault memory					Defect in wiring harmess between DME and accelerator pedal module sensor 2	pedal  - Check voltage supply at accelerator pedal module sensor 2 for 5 V	- US emissions warning lamp: on - US electronic engine power reduction: on		absolute value (34.5% pedal)  In combination with fault in accelerator pedal sensor or clocking error, increased idle speed and no	Breakdown notice:  - It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to	
BN2020	0x103101 1061121	1 electric: short circuit to positive	2.	P2128	Throttle/Pedal Position Sensor/Switch 'E' Circuit High	Pedal Position Sensor	E Electrical	The fault is recognized when the voltage at sensor 2 is less than	Terminal 15	Voltage condition: - Onboard ele	- None - None	Accelerator pedal sensor 2 voltage   Accelerator pedal sensor 2 volt	age N - Accelerator pedal module defective	- Replace accelerator pedal	- ECE emissions warning lamp:	none	processing of accelerator pedal data	the reduction in engine output.	none
								0.490 V.  Potential problem source(s): - Dafact in wiring harness							off - ECE electronic engine power reduction: off - CC message: on				
								between DME and accelerator pedal module sensor 2  - Accelerator pedal module  This fault is logged in the control					Defect in wiring harmess between DME and accelerator neutal module sensor 2.	Check wiring harness between DME and accelerator pedal     Check voltage supply at accelerator pedal module	- US emissions warning lamp: on - US electronic engine power		Possible apparent symptoms: - Limit on pedal value variation and on maximum absolute value (34.5% pedal) - In combination with fault in annelerator neral sensor	Breakdown notice:	
MEVD17.2- BN2020	0x103102 1061122	Accelerator-pedal module, pedal-travel sensor 2, 2 electric: short circuit to ground or open circuit	The diagnostic function monitors the voltage of sensor 2.	P2127	Throttle/Pedal Position Sensor/Switch 'E' Circuit Low	Pedal Position Sensor	E Electrical	defective module's fault memory - Defective DME immediately.	Terminal 15	Voltage condition: - Onboard ele	- None - None	Accelerator pedal sensor 2 voltage   Accelerator pedal sensor 2 volt	accelerator pedal module sensor 2  - Accelerator pedal module defective lage N  - Defective DME	sensor 2 for 5 V - Replace accelerator pedal	reduction: on - CC message: on	none	In combination with fault in accelerator pedal sensor     or clocking error, increased idle speed and no     processing of accelerator pedal data	It is possible to confine driving the vehicle, but passing maneuvers should not be attempted owing to the reduction in engine output.	none
								This fault is detected when the voltage differential between							- ECE emissions warning lamp: off - ECE electronic engine power				
								sensor 1 and sensor 2 exceeds a specific defined value.							reduction: off - CC message: on		Possible apparent symptoms: - Limit on pedal value variation and on maximum		
MEVD17.2-	0x103308 1061640	Accelerator-pedal module, pedal-travel sensor, plausibility: synchronism fault between signal 1 and	The diagnostic function monitors the mutual deviation between the two sensor voltages.	P2138	Throttle/Pedal Position Sensor/Switch 'D' / 'E' Voltage	Pedal Position Sensor	DIE Commission	Potential problem source(s):  - Defective wiring harness - Accelerator pedal module defective immediately.	Terminal 15	Voltage condition: - Onboard ele	Non	Accelerator pedal sensor 1 voltage   Pedal data sensor 1 voltage (0)	- Defective wiring harness -584N - Accelerator pedal module defective	Check wiring and plug connections     Check voltage supply to accelerator pedal for 5 V     Replace accelerator pedal module	- US emissions warning lamp: on - US electronic engine power reduction: on		absolute value (34.5% pedal) In combination with fault in accelerator pedal sensor andior 2, increased idle speed and no processing of accelerator pedal data	Breakdown notice:  - It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to the reduction in engine output.	0000
J. Company	100104	0 signal 2	Decimal side and decimal volveyer.	12.55	Correlation	F SOURT CHILDY CHILD	Dit Contendo	defective immediately.		Votage contract Oncode disc	1000	Police and	Patrician and programmed statement	- registed declaration product recover	- CC message: on  - ECE emissions warning lamp: off		acceptant poor one	are reaction in engine cusput.	10076
								The response to the fault is							- ECE electronic engine power reduction: off - CC message: on				
NO.		Academic	Collection fruit #					specified for a different fault entry.							- US emissions warning lamp: on - US electronic engine power		Possible apparent symptoms: Depending on fault source (L4: 10201, 10202, 10203, 10204, 10216; L6: 0x103001, 0x103002, 0x103101,	Breakdown notice: Depending on fault source (L4: 10201, 10202, 10203, 10204, 10216; L6: 0x103001, 0x103002, 0x103101,	
MEVD17.2- BN2020 MEVD17.2- BN2020	0x10351C 1062172	2 Multiple fault	Collective fault: Accelerator pedal module's pedal- travel sensor.	P11C8	Pedal Position Sensor Substitute Operation  Manifold Absolute Pressure Too High	Manifold Absolute Pressure Sensor	Pressure	Potential problem source(s): - None immediately	Terminal 15	Voltage condition: - Onboard ele	- None - None	Accelerator pedal sensor 1 voltage none	Y - None	- None	reduction: on - CC message: on	none	10204, 10216; L6: 0x103001, 0x103002, 0x103101, 0x103102, 0x103308)	10204, 10216; L6: 0x103001, 0x103002, 0x103101, 0x103102, 0x103308)	none
MEVD17.2- BN2020	0x104301 1065729 0x104301 1065729			P1246	Manifold Absolute Pressure Sensor 'A' Afterrunning Diagnosis Pressure Too High	Manifold Absolute Pressure Sensor  Manifold Absolute Pressure Sensor	Afterunning												
BN2020 MEVD17.2- BN2020	0x104301 1065729 0x104302 1065730 0x104302 1065730	0		P1255 P1244	Manifold Absolute Pressure Too Low  Manifold Absolute Pressure Sensor 'A' Afterunning  Diagnosis Pressure Too Low	Manifold Absolute Pressure Sensor  Manifold Absolute Pressure Sensor	Pressure Afterunning			-							+		
BN2020 MEVD17.2	0x104302 1065730 0x104401 1065985	6		P0108	Manifold Absolute Pressure Barometric Pressure Sensor Circuit High Manifold Absolute Pressure Sensor Circuit High (Bank	Manifold Absolute Pressure Sensor	Electrical												
BN2020	0x104401 1065985	5		P119A	1)			The fault is recognized when the		-							+		
								voltage of the intake-manifold pressure sensor is less than 0.2 V.							- ECE emissions warning lamp: on - ECE electronic engine power				
								Potential problem source(s): - Defect in wiring harness between DME and Intake-							reduction: on - CC message: on				
MEVD17.2-		Absolute pressure sensor, intake pipe, electrical: Short	The diagnostic function monitors the intake-manifold		Manifold Absolute Pressure/Barometric Pressure	Market As		manifold pressure sensor - Intake-manifold pressure sensor defective This fault is logged in the control module's fault memory					Defect in wiring harness between DME and Intake- manifold pressure sensor     Intake-manifold pressure sensor defective	Check wiring harness between intake-manifold pressure sensor and DME     Replace intake-manifold pressure sensor	- US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
BN2020	0x104402 1065986	6 circuit to earth	pressure sensor's lower voltage limit.	P0107	Sensor Circuit Low	Manifold Absolute Pressure Sensor	Electrical	The fault is recomized when the	Terminal 15	Voltage condition: - Onboard ele	- Poone None	NO Read test data block; ID 4AB8	(BNN - Defective DME	- Replace DME	- CC message: none	none	Engine runs roughly	None	None
								voltage of the intake-manifold pressure sensor is less than 0.2 V. Potential problem source(s):							- ECE emissions warning lamp: on - ECE electronic engine power reduction: on				
								Defect in wiring harness between DME and Intake- manifold pressure sensor					- Defect in wiring harness between DME and Intake-	- Check wiring harness between intake-manifold	- CC message: on - US emissions warning lamp: off				
MEVD17.2- BN2020	0x104402 1065986	Absolute pressure sensor, intake pipe, electrical: Short 6 circuit to earth	The diagnostic function monitors the intake-manifold pressure sensor's lower voltage limit.	P119B	Manifold Absolute Pressure Sensor Circuit Low (Bank 1)			- Intake-manifold pressure sensor This fault is logged in the control defective - Defective DME immediately.	Terminal 15	Voltage condition: - Onboard sie	-None -None	NO Read test data block; ID 4AB8	manifold pressure sensor - Intake-manifold pressure sensor defective	pressure sensor and DME - Replace intake-manifold pressure sensor - Replace DME	- US electronic engine power reduction: off  - CC message: none	none	Possible apparent symptoms: Engine runs roughly	Breakdown notice: None	None
								The fault is recognized when the											
								intake-manifold pressure sensor deviates from the average for the pressure sensors (barometric							- ECE emissions warning lamp: on				
								pressure, boost pressure, intake- manifold pressure) by more than 70 mbar.							- ECE electronic engine power reduction: on - CC message: on				
MEVD17.2-		Absolute cressure sensor intake modified also-	During the shutdown phase the diagnosis function monitors the DME to determine whether the ambient- air, intake-manifold and boost-pressure sensors are					Potential problem source(s): - Defective wiring harness - Sensor has been tampered with module's fault memory					Defective wiring harness     Sensor has been tampered with	- Check wiring harness at sensor	- US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
MEVD17.2- BN2020	0x104610 1066512	Absolute-pressure sensor, intake manifold, plausibility: 2 intake-manifold pressure too high	air, intake-manifold and boost-pressure sensors are measuring the same pressure.	P1250	Manifold Absolute Pressure Too High	Manifold Absolute Pressure Sensor	Pressure	- Sensor has been tampered with module's fault memory - Sensor defective immediately.	none	Voltage condition: - Onboard ele	- None - 5 sec. after engine off	NO none	Sensor has been tampered with     Sensor defective	Check wiring harness at sensor     Replace sensor	reduction: off - CC message: none - ECE emissions warning lamp:	none	Possible apparent symptoms: Best case scenario: None	Breakdown notice: - none	none
								The fault is recognized when the voltage of the barometric- pressure sensor > 4.5 V.						- Check air-induction system (wastegate, etc.)	on - ECE electronic engine power reduction: on				
								Potential problem source(s): - Internal DME fault, because					- Internal DME fault, because barometric-cressure	Check air-induction tract between turbocharger and intake-air plenum     Check wiring harness between DME and boost-	- CC message: on - US emissions warning lamp: off				
MEVD17.2- BN2020	0x104611 1066513	Absolute-pressure sensor, intake manifold, plausibility: 3 intake-manifold pressure too low	The diagnosis function monitors the DME's barometric pressure sensor.	P1255	Manifold Absolute Pressure Too Low	Manifold Absolute Pressure Sensor	Pressure	barometric-pressure sensor is located in the DME ECU; sensor voltage above threshold; Interesting immediately.	none	Voltage condition: - Onboard ele	S-None -5 sec. after engine off	NO none	- Internal DIME fault, because barremetric-pressure sensor is located in the DIME EQUI, sensor voltage Y above threshold;	pressure sensor - Boost-pressure sensor - Replace DME	- US electronic engine power reduction: off - CC message: none	none	Possible apparent symptoms: Best case scenario; None	Breakdown notice: - none	none
								The fault is recognized when the voltage of the intake-manifold pressure sensor exceeds 4.8 V.							- ECE emissions warning lamp: on - ECE electronic engine power				
								Potential problem source(s): - Defact in wiring harness between DME and intake-							- ECE electronic engine power reduction: on - CC message: on				
MEVD17.2-	0x104A40 1067584	Absolute-pressure sensor, intake manifold, electric:	The diagnosis function monitors the intake-manifold		Manifold Absolute Pressure Sensor Circuit High (Bank			manifold pressure sensor  - Intake-manifold pressure sensor  defective  This fault is logged in the control module's fault memory					Defect in wiring harness between DME and Intake- manifold pressure sensor     Intake-manifold pressure sensor defective	Check wiring harness between intake-manifold pressure sensor and DME     Replace intake-manifold pressure sensor intake-manifold pressure sensor Replace DME	- US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
BN2020	Ux104A40 1067584	4 short circuit to positive	pressure sensor's upper voltage limit.	P119A	1)			- Defective DME immediately.	Terminal 15	Voltage condition: - Onboard ele	- None - None	NO Read test data block; ID 4AB8	J (BNN - Defective DME	- Replace DME	- CC message: none	none	Engine runs roughly	None	None
								The response to the fault is							off - ECE electronic engine power reduction: off - CC message: none				
								specified for a different fault entry.  This fault is logged in the control							- US emissions warning lamp: off - US electronic engine power				
MEVD17.2- BN2020	0x104B01 1067777	Absolute-pressure sensor, intake manifold, collective error: electrical and plausibility	Collective fault: Intake manifold pressure sensor.					Potential problem source(s): module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard ele	- None - None	see Individual fault see Individual fault	see Individual fault - None	- None	reduction: off - CC message: none	see Individual fault	Possible apparent symptoms: see Individual fault	Breakdown notice: see Individual fault	see Individual fault
															- ECE emissions warning lamp: on - ECE electronic engine power				
								The fault is recognized when the barometric pressure sensor's							reduction: on - CC message: on				
MEVD17.2- BN2020	0x105001 1069057	Ambient-pressure sensor, electric: short circuit to positive or open circuit	The diagnostic function monitors the DME's becometric pressure sensor.	P2220	Barometric Pressure Sensor 'A' Circuit High	Ambient Pressure Sensor	Floritrinal	signal voltage falls below 4.5 V. This fault is logged in the control module's fault memory  - DME defective immediately.	Terminal 15	Voltage condition: Colons	- None	NO III	N - DME defective	Clear the ECU fault memory, if the diagnostic fault code is logged again, replace the DME.	- US emissions warning lamp: off - US electronic engine power reduction: off - CC message: none	5000	Possible apparent symptoms: MIL on, customer proceeds to service facility	Breakdown notice: None	None
								THE PARTY OF THE P		Voltage condition: - Onboard ele			* LOTEL MARKAUTE	agent, special une come.	- ECE emissions warning lamp:		and the second second		
															- ECE electronic engine power reduction: on - CC message: on				
								The fault is detected by the internal calculation algorithms.  This fault is logged in the control							- US emissions warning lamp: off - US electronic engine power				
MEVD17.2- BN2020 MEVD17.2- BN2020	0x105002 1069058	Ambient-pressure sensor, electric: short circuit to ground	The diagnostic function monitors the DME's berometric pressure sensor.	P2228	Barometric Pressure Sensor 'A' Circuit Low	Ambient Pressure Sensor	Bectrical	Potential problem source(s): module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard ele	-None -None	NO U	N - DME defective	If the diagnostic fault code has been logged more than 3 times replace the DME.	reduction: off - CC message: none	none	Possible apparent symptoms: MIL on, customer proceeds to service facility	Breakdown notice: None	None
MEVD 17.2- BN2020	0x105101 1069313 0x105102 1069314	4		P11CB P0129	Barometric Pressure Too High  Barometric Pressure Too Low	Ambient Pressure  Ambient Pressure	General General												
															MY10 ECE: - ECE emissions warning lamp: off				
															- ECE electronic engine power				
								The fault is recognized when the barometric-pressure sensor deviates from the average for the							- CC message: none MY10 US: - US emissions warning lamp: on - US electronic engine power				
								deviates from the average for the pressure sensors (barometric pressure, boost pressure, intake- manifold pressure) by more than							reduction: off - CC message: on MY11 ECE:				
			During the control module's shutdown phase the diagnostic function monitors the barometric-pressure sensor, intake-manifold pressure sensor and boost-					70 mbar.  Potential problem source(s): This fault is logged in the control							- ECE emissions warning lamp: on - ECE electronic engine power				
MEVD17.2- BN2020	0x105201 1069569	Ambient pressure sensor, overrun: Pressure too high	pressure sensor to determine whether they are all	P1280	Ambient Pressure Sensor Afterunning Diagnosis Pressure Too High	Ambient Pressure Sensor	Atterrurning	- Error in sensor measurement module's fault memory immediately.	none	Voltage condition: - Onboard ele	- None - 5 sec. after engine off	NO none	N - Error in sensor measurement - Sensor defective	If the diagnostic fault code has been logged more than 3 times replace the DME.	reduction: off - CC message: on	none	Possible apparent symptoms: None	Breakdown notice: - none	None
															MY10 ECE: - ECE emissions warning lamp: off				
															- ECE electronic engine power reduction: off - CC message: none MY10 US:				
								The fault is recognized when the boost-pressure sensor's voltage is < 0.2 V.							- US electronic engine power				
								Potential problem source(s): - Defect in wiring harness							- CC message: on MY11 ECE: - ECE emissions warning lamp:				
MEVD17.2-			The diagnostic function monitors the voltage at the		Ambient Pressure Sensor Afterwaning Diagnosis			between DME and boost- pressure sensor This fault is logged in the control - Boost-pressure sensor defective module's fault memory					Defect in wiring harness between DME and boost- pressure sensor     Boost-pressure sensor defective	- Replace the DME if the fault code is currently	on - ECE electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
BN2020	0x105202 1069570	Ambient-pressure sensor, run-on: pressure too low	boost pressure sensor.	P1288	Pressure Too Low	Ambient Pressure Sensor	Afteruming	- Defective DME immediately.	none	Voltage condition: - Onboard ele	- None - 5 sec. after engine off	NO none	N - Defective DME	present or has been logged more than three times	- CC message: on	none	None	None	None
															off - ECE electronic engine power reduction: off				
								The fault is recognized when the signal from the barometric- pressure sensor is less than 0.5 V.							- CC message: none - US emissions warning lamp: off				
MEVD17.2- BN2020	0x105A30 1071664	Ambient-pressure sensor: collective error: electrical and plausibility	The diagnostic function monitors the DME's barometric pressure sensor.	P2227	Barometric Pressure Sensor W Circuit Range/Performance	Ambient Pressure Sensor	Plausibility	This fault is logged in the control module's fault memory - DME defective immediately.	Terminal 15	Voltage condition: - Onboard ele	s-None -None	NO none	N - DME defective	- If the fault is logged again, replace the DME.	- US electronic engine power reduction: off - CC message: none	none	Possible apparent symptoms: None	Breakdown notice: None	A terminal status switch must be conducted before this fault can be deleted.

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	No excitorial that in barrowinic pressure secure (PMCInst. PMCInst. PMCInst		CCE entisonius wanning lamps  CCE electronic regime power reaction of  - CC missage, rone MY 10 US:
MCVC17.2 Antiber Cyressure sensor, plausibility pressure to The degreeate function motions the barrowest-personal sensor. P1CB Barrowest Too High Antiberd Pressure Too High Antiberd Pressure Too High Antiberd Pressure Too	- Becommitte presents search  - Becommitted presents search  - Becommitted presents search  - Becommitted presents search  - Description search  - Description search  - Terminal 15  - Vallage condition: - Ontoined alloc! - None  -	Bearment's pressure sensor installed in DME ECU, sensor critical participation of the CEU, sensor installed in TME ECU.     Indige to the DME E the fault code is currently and the CME CAN	S embours arrange large on US embours appeared symptoms: Brasilation redica: A terminal status swellth must be conducted below this CCC message, on Know Nove Bud on the deleted.
		Chack wing harmos between electric fair nutstff	ECE CECE CECE CECE CECE CECE CECE CECE
MEVG172- The diagnostic function mostless the barrowstric-	The fault is recognized when a short of critical is present.  Pleated approxime source(s):  - Cubertive winty harmous:  - Count "lays for searche can  - Co	miley and CIAM  - Check could frailey which regard a Ciam of V should be present at both store of the count of the country of	-CC instage, rose MTYS UE  Terriblions warring later; or  Terr
DACCOD 0.155441 1071681 Antient presure series, plausitify presure to be present series. P0130 Barometic Pressur To Low Antient Pressure General	delactive remediately, Torringle 55 Voltage condition - Others faced - Nove NO	nome YY - Cutoff relay for electric fain defective - Replace cutoff relay	CC message on none None None Source S
	The faults assignment in supported in supported in conceive wellstone (in the same of the		CIC description grapes power reduction of " - CC description from Commission of  - CC description of
MC/0172- Anther preserve serior, placebility Pressure PROPER 9, 1055442 177-162 Pressure serior, placebility Pressure PROPER 9, 1055442 177-162 Pressure serior, placebility Pressure PROPER 9, 1055442 Pressure Read-Billy Anther Pressure P	Peterful protien source(p): A logger in the coronal protection protient source(p): A logger in the coronal protection protient source(p): A logger in the description of the coronal protection protec	- Regissor the CARE of the fact code is currently consider the fact code is currently consider that issue larged onto their three divises.	US destronce capita power tradiction cell  Possible appeared symptoms: Braildown redoc: A terminal status switch must be conducted before this  CC release, or come Nove Nove Nove Nove Nove Nove Nove Nov
	The faul is recognised in		CCE emissions warming lamp:  off  CCE electronic opping power  modulation off
Net   The diagnosis function monitors the plausability of   Antherit pressure sensor; plausability Pressure   The diagnosis function monitors the plausability of   Antherit Pressure Sensor Compution Current to Last   Pressure Sensor Computi	Inspends to encotive variations In the value.  The facility is liquid to the control  Periodizing protein scorce(s)  -Distillated feature  -Distillated feature  -Nove NO  Voltage condition: -Oncount direct -Nove NO	- Replace the CME if the fault code is currently none  Y - CME defective present of this book logget most than three lines.	- CC message, none Mario US: Sentissions warring lamp co Sentissions warring lamp co Sentissions warring lamp co Sentissions warring lamp co Sentissions maring lamp co Sentissions maring lamp co Sentissions maring lamp co
			EE EE ECE entidiction wanting lamp ECE entidenties regina power
MS/VS17.2- Antibier presens sensor, plausibility. Pressure The diagnostic function monitors variations in the	The Built is recognized when the value manifes contraint. Then Suit is logged in the common Palester of profession access(s): enclosed in Suit in Immonly modulate Suit Immonly	- Resize the DAE if the fact code is countrie.	installation off
SNC000 0x55449 177460 regularida benometic pressure reading for plaudolity. P1247 Barrometic Pressure Plaudolity Article Pressure Plaudolity Article Pressure Plaudolity.	- DUE defective immediately. Terminal 55 Voltage contition - Others steel - Nove NO - Nove NO	nove Y - DAE debutive present of his been togged more than three times	CCC receipts on once None None Indicate to deleted.  ECE ECE ECE Continues seeming large
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MICHOT-2. DIGINAL STREET Pressure Serior Computer Last Personal Stre	Pended profess connection of the field is togged in the corrent mode.  "D. Off defection connection of the corrent mode of the corrent mode of the correct mode of the	- Regions the DASE 6 the faul code is currently proved or Table seek lagged most than three times  Y DASE definitive provided or Table seek lagged most than three times	Us destronce captive power reduction off reduction off Contrallated on the power shadow of the contrallated shadow of the contrallated on the contrallated shadow of the contrallated on the particle on the contrallated on t
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When a single fault occurs of the throttle valve, the	14.5%. Protestial problem source(s): - Oelect in reliefly harmans Soleneen frontille-cut and CME month of the Activator month or and CME	- Optics in within harmess between throttle-valve Obside using harmess between CME and throttle - I - Obside using harmess between CME and throttle - I - Obside using harmess between CME and throttle - I - Obside using harmess between CME and throttle - I - Obside using harmess between CME and throttle - I - Obside using harmess between CME and throttle - I - Obside using harmess between CME and throttle - Obside using harmess between throttle - Obside using harmess between throttle - Obside usin	ESC electrons grant passer reduction on
MEVOT72- BR0000 0x107424 Introduce value, through potentionator 1: Signal support of the control	- Throttle-valve sensor defective This fault is logged in the ECU AD converter input on DME Intermeted the Comment of the Comm	- Community of the principle of the prin	Be enhance warring large on  Be discharce warring large on  Be discharced warring large on  - 8 a possible to enhanced unlong the wilders, but placed by the production of the
			EE
	The fault is recognised when the significant form the significant form the significant form the risk as season 2 risks above the fault threshold of 7.7 V.  Or the fault of problem is connected;  Peterfault problem is connected;		- CC message on AMT GI BOTON C MESSAGE OF ME
MEVCIT2-2 BNCCIO 0x1073A0 1079856 Throste valve, throste-valve potentiametr 2, electric. The diagnosis function decks the voltage of throste valve series of the ventorial function of the value potential valve series of the ventorial function. POZ23 Throste/Pedal Position Series/Switch Timotia/Pedal Positio	- Outlet in winty harvess theleven frombres whe studies meter and those meter and those meter and those for the studies from the studies meter and those for the studies from the studies from the studies from the studies from the months and the studies from the studies from the months and the studies from the studies from the months and the studies from the studies from the months and the studies from the studies from the months and the studies from the studies	Defect in wining harmons between throttle-solve     Defect in wining harmons between end DME     Throttle-wive around defection     Throttle-wive around defection     Throttle-wive around defection	- CC measure on  - CC measure or  - E meas
50000 0x107Ab 17986 shot crost to padde or open crost whee series 2 for section faults. PO223 Theodor-Poston Series (Fault Poston Serie	arterise immediately Termose 55 Voltage condition - Onload state - Nove - STEUERS, DC, STEU	794_DIGC (Integra serior 2 0.5 V (Ind84C) N -AD consister reput in DISE defection -Repeta DISE.	CC message, on none . Reduced power file reducidor in engine output
	The fault a recognized when the signal for the relative view sensor 2 this below the fault miserability of 2V.  of 2V.  of 2V.		ECE execution (engine power inductions on  - CC message: on  MHY to US 01/10:  MHY to US 01/10:
	Potential problem source(s):  - Cholled wining hashess  - Moneton british with a Manufact  - Moneton british with a Manuf	- Dated in witing harmost behaven throttle-value Chack witing harmost behaven DAE and throttle	Generative average (amp. co.  Generative average co.  - CC manage co.  - C
MEVGIT2- BR0000 0x107/31 107887 diverticable participated as participated as participated as a second of the second to spread the spread the second to sprea	- Thirds-wate serior deficition. This faul is logged in the control - All convenient prior DME models for the minory - defective immediately Terminal 15 Visitage condition; - Oncoper dated - None - None STELETIN DX, STELL  The faul is composite with a 1		US electricine ceptus power  - 8 a possible to confinue driving the wholes, but reduction on  - CC message, on  - Reducted power  - Reduct
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	Potential problem source(p): - Detect in wire; phareasa between the control of th		C C C C C C C C C C C C C C C C C C C
When a single find account in the frontier wise, the disputation of the control o	motor and DME.  - Throttle-valve sensor defective  - AD converter input in DME models's fault memory	- Delici i willy jimmes bibesen Profite volum - Check will yn jimm	El cellación avanting large on
	tromas value (a.f. 1044, 1546, 5 1546, 1548, 1548, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 1549, 154		
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	The fault is descented by the stream of estimation approxima.		ECE entitles on saming lamps on CEE description regime power CCE description regime power CCE constange on
ME/10172 - DME, Internal faul, schools of frontile valve: there: The disposals facility valve. Port of the following operation of the flying valve. P2133 Throthe Achieury Control Mater Count High Throthe Achieury County Meter Count High Throthe Achieury County Meter County Meter County High Throthe Achieury County Meter County High Throthe Achieury County Meter County Meter County High Throthe Achieury County Meter County High Throthe Achieury County Meter County Meter County High Throthe Achieury County Meter County High Throthe Achieury County Meter County Meter County High Throthe Achieury County Meter County High Throthe Achieury County Meter County Mete	Powerful protein sources)Checker's weigh places below. Did not write uses	- Calculative wiring harmons between CME and fronties continued to the continued of the continued to the con	Commission services of the Commission of the Com
	The fault is disclosed by the  remove or disclosion approxima.		ECE enisations wanning lamp:  GC enisation wanning lamp:  GC enisation control (and control enisation)
SST/ST 7.5 SST/ST 17.5 SST/ST	Potential problem isource(s): - Collective winty harmons - Moreland Cell and Problem State (s) and the control of the Collective State (s) and the Collective Sta	- Defactive wiring harmoss between DME and throttle  - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss between DME and throttle - Check wiring harmoss be	- Cut measure on  - Adulty to continue driving in restricted because
89000 045727 179971 Improvedure or current too high confiding agents on of the financial value. P2118 Range/Pinformance Thorsto Actuably Control Mater	- Out-offen DME presentation Terminal 15 Voltage condition - Onload steel - Nova - Nova - STEUERN, DK STEU	290, GAGC Joves N - Oblisher OME continuously of the final trequery a grader trans 3	CC message on none figure formation engine speed is limited to morphy 100 gm. none  CE entrolled services agreed in limited to morphy 100 gm. none  CE entrolled services agreed as limited to morphy 100 gm. none  CE entrolled services agreed as limited to morphy 100 gm.
ME/VOT/2-2. DME, internal face, activation of throttle varie: The diagnostic faction monitors the driver cross to	The fault is described by the service of control algorithms. This fault is injugated in the control reduction and control in an injugated in the control reduction (and injugated in the control reduction (and injugated in the control reduction (and injugated	- Grilly regions the CME Effer fault remains present	reduction on  CC missage or  Generating large, on  Fraudab apparent symptoms:  Generating large, on  Fraudab apparent symptoms:  Generating large power   - Loss of Cover.  - Loss of Cover.  - Adulty to continue driving a redicted belazate.
NECTOR 2 Uses, marked studies of higher views. In Supplies World Printle view. In Supplies Wor	Presented pricine locacesy and received the distinct of the property of the pr	The DOC Dock No. 1. April 2014 Control of the Contr	CC message on none . Speed limitation engine speed is limited to muggley 1000 gm none  CC ensistence waveing lamps  GC ensistence waveing lamps
	Internal calculation algorithms  Pleterial problem source(s):  Challeform as prospect  (Challeform as prospect  (Challefo	- Outside saling human believe ONE and throtts - Outside saling human believe ONE and throtts - Registe findful wire - Registe findful wire	reduction on
MEV017.2. DME, internal fault, activation of throttle valver. Line The diagnostic function monitors the driver circuit	between CME and frustrix user That faul is logged in the control  - Dalkschie thorste value  module's fault memory  STEURPN, OK, STEU	- replace tricate favor  - Defective throttle valive  - Only registee the DME if the fault remains present  FINL ENDE	US electroric ergine power Posselle appearst yentprons: Braildown reford; reduction on - Lose of prever - Aktily to continue driving in sestricted because

	The factor is recognized where the  financial wave disease of water to  an apparture of least better couply.  If you within 50 on a water votage   If you will 50 on a water votage			
	an apparture of less than incopply  The will be filled in the short of less than incopply  Is not being applied to the unit.	- Check wiring harness between DME and throttle	- ECE emissions warning larns:	
	Potentia problem source(s)	valve - Use tester to activate throttle valve and observe its reaction	on - ECE electronic engine power reduction: on	
	- Return spring defective - Cubicity in wining turness - The three through cubicity and the cubic in the cubi	Check throttle valve for contamination and foreign     Stiction in valve	- CC message: on	
During the adoption before the degree for the degre	between the rotted-earlier activator motor and DNE This fault is logged in the control - Defective throttle-valve actuator modal's fault minney	Defect in wiring harness between throttle-valve to motion and noting how quickly it closes when actuator motor and DME	- US emissions warning lamp; on - US electronic engine power reduction; on - Possible apparent symptoms;	Breakdown notice:  It is possible to entinue driving the vehicle, but passing manter should not be attempted owing to
SOCIO 0157269 179208 ches, spring does not close when no vollage is being agrided. PHSM Throsts Valve Adaption Spring Test Flave Steet 1) Throsts Advance Adaption Service Adapt	motor immediately Terminal 15 Violage condition - Circlosed elect - None N/O none Y The fault is recognized when the	- Defective throttle-valve actuator motor - Replace throttle-valve actuator motor	- CC message: on none - Reduced power	the reduction in engine output. none
	throttle value fails to achieve an effective apprints of roughly 30% within 45% 45 ms.	- Check wiring harness behaven DME and throttle	- ECE emissions warning lamp:	
	Potential problem source(s):	- Use tester to activate throttle valve and observe its	. FCF electronic envisor	
	- Stiction in troottle valve - Return spring officialive - Detect in viring namess	reaction - Check throttle valve for contamination and foreign objects - Stiction in throttle valve	reduction: on - CC message: on	
ME/IGT22. Throate-wise schalars closes serves shows serve. During the syring set the diagnostic function revolves.	between throttle-valve actuator motor and OME This fault is loosed in the control	Return spring defective     - Move throttle valve by hand, checking for resistance     - Defect in wining harness between throttle-valve     to motion and noting how quickly it closes when	- US emissions warning lamp: on - US electronic engine power reduction: on Possible apparent symptoms:	Breakdown notice: It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to
ME/1017.2.  BR0000 0x107A91 1079927 during spring check error the finded value to determine whether it suches the question price of the control of the contr	- Defective throttet-valve actuator module's fault memory module's fault memory module's fault memory module's fault memory mediatory. Turniquel 15 obtage condition: - Ontopied view None None NO none Y That fault is recognised when the No.	actuator motor and DME released - Defective throttle-valve actuator motor - Replace throttle-valve actuator motor	reduction: on Possible apparent symptoms: - CC message: on none - Reduced power	the reduction in engine output. none
	throttis valve donn cot stum to au operature for an opera			
	not being applied to the unit.	Check wiring harness between DME and throttle valve	- ECE emissions warning lamp: on	
	Potential problem source(s): - Siddon in froetia value - Relutin spring discheria	Use tester to activate throttle valve and observe its reaction     Check throttle valve for contamination and foreign	- ECE electronic engine power reduction: on - reduction: on Co measure: on Co measure: on	
During the spring last the diagnosis function monitors	- Oeder-Lin widing harmons between the control of t	- Stiction in throttle valve - Move throttle valve by hand, checking for resistance	- US emissions warning lamp: on	Breakdown notice:
HE/IO/T 2- Throttle-valve actions; opening spring check solor to determine whether it returns to the emergency-of profiles while the opening spring check about a emergency-of profiles while the opening spring check about a emergency-of profiles while the opening spring check about a emergency-of profiles while no voltage is being applied.  Price of the control valve Actuator Spring does not open and open when no voltage is being applied.  Price of the control valve Actuator Spring does not open and open when no voltage is being applied.  Price of the control valve Actuator Spring does not open and open when no voltage is being applied.	more and DME This Must is logged in the control  - Defective the restrict-valve actuator  motion immediately Terminal 15 Woltage condition - Ontoined elect - None NO none Y	Defect in wiring harmes between throttle-valve actuator motor and DME to motion and noting how guickly it closes when released.      Defective throttle-valve actuator motor      Replace throttle-valve actuator motor	- US electronic engine power reduction: on Possible apparent symptoms: - CC massage; on none - Reduced power	it is possible to continue driving the valicite, but passing maneuvers should not be attempted owing to the reduction in engine output.
	The dispensal fault code is legaced with the Mertille with the legaced when the Mertille wide legaced with the Mertille view legaced view and the Mertille view legaced view and the Mertille view legaced vie			
	Table to read a possible of the dead to the company of the company	- Check wiring harness between DME and throttle	- ECE emissions warning larne:	
	Potential problem source(s): Stocko'n in throttle valve	valve - Use tester to activate thrortle valve and observe its reaction	. FCF electronic envisor	
	- Reatum spring defective - Oelster in winging harmens	Check throttle valve for contamination and foreign     Stiction in throttle valve	reduction: on - OC message: on	
During the spring part of the diagnostic function monitors.  ME/VDT 2- Throstles-wave actions: opening going stock error: serging of the diagnostic function monitors.  Throstles-wave actions: opening going stock error: serging of the diagnostic function the serging of part of the diagnostic function for the serging of part of the diagnostic function for the serging of part of the serging of th	between the finish-value actuator motor and DME This fault is logged in the control modul's but in length of the control modul's but memory	Return spring defective     Defect in wiring harness between throttle-valve     actuator motor and DME     reliasaed	- US electronic engine power  - US electronic engine power  - reduction: on  - Possible apparent symptoms:	Breakdown rodice:  It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to
BNDDD 0157/951 179993 0ump garding drees which the speedfull fire. PT-153 0ump garding drees Serving Treet.	motor immediately. Terminal 15 Vistage condition - Ontoperd dept None - None NO none Y	- Defective throttle-valve actuator motor - Replace throttle-valve actuator motor	-CC message: on none - Reduced power	the reduction in angine output. none
	amplifier following discovered 0.1 V or of the following discovered of the following discovered of the following discovered when the following discovered when the			
	amplification factor is greater think 1 for less than 2 fit. the state of the state		- ECE emissions warning tamp: on - ECE electronic engine power	
	Petential problem source(s): - Defect in widing harness		-ECE-alectronic inspire power reduction: on  -CC message: on	
During the Brottle valve adaptation routine the disposals function months are disposals function months the offset and adjugated function of throst was valued and of throst valve adaptation of throst valve adap	between Profit value actualor motifor and DME - Throsto-value accord delection This Statis is logged in the control	- Defect in wiring harness between throttle-valve actuator motor and DME - Check wiring harness between DME and throttle valve	- US emissions warning larnp: on - US electronic engine power	
NS(Y)1 2- 1 NS(Y)2 - 1 NS(Y)2 - 1 NS(Y)3 - 1 NS(Y)	-AD conventer input in DME module's fault immorely immediately. Terminal 15 Violage condition: - Orbicard elect - Engine warmed to normal temper - 30 sec. after Terminal 15 on INO none Y	acusator motor and DME - valve - Valve - Throttle valve sensor defective - Replace throttle valve - AD conventer input in DME defective - Replace DME	- US electronic engine power reduction: on none Possible apparent symptoms: - CC message: on none None None	Breakdown notice: None none
	This fault is recoprized when the amplifier's following the second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V or drops above 0.1 V in fault is second 0.1 V or drops above 0.1 V o			
	or copys acces (		-ECE emissions warming lamp:	
	Potential problem source(s):		- ECE electric engine power reduction off	
During the throstle valve adaptation routine the	- Defect in wilring harmonia believes in trailing-bases accusion motor and ONE	Defect in wiring harness between throttle-valve     Check wiring harness between DME and throttle	- CC message: none - US emissions wenning lamp: on	
diagnosis function monitors the offset and Throttle valve actuator, ampilier adjustment: amplifier adjustment:	- Throttle-valve sensor defective. This fault is logged in the control - AD conventer input in DME module's fault memory module's fault memory	actuator motor and DME valve - Throttle-valve sensor defective - Replace throttle valve	- US electronic engine power reduction: on Possible apparent symptoms:	Breakdown notice:
B10000 0x107AF9 100048 malluncion amplified rangu. P1643 Paushillily Thotals Actuator Adaptation	distrible immediately. Turninal 15 Voltage condition: - Criticand else - Engine warmed to normal temper - 50 sec. after Terminal 15 on NO none Yr the fault is recognized when the second secon	- AD conventer input in DME defective - Replace DME	-CC message: on none None	None none
	Votage or in transact Tamperatura service scaedes 4.85 V.		- ECE amissions warning lamp: on - ECE electronic engine power	
	Protection proteins councie(s)		-ECE electronic engline power reduction: on - reduction: on CC missaagic on -	
The diagnosts fraction modelant the super-voltage	between OME and intake-air keepersalities sectors of the control territorial sec	- Defective wiring harmess between DME and intake-air temperature sensor temperature sensor	- US emissions warning lamp: off  - US electronic engine power	
ES/007.2 State of the preparate service, shocked Extra Grant State of the simple service, shocked Extra Grant State of the simple service on the state AV Temporature Service 1 Closed Spinish State AV Temporature Service 1 Closed Spinish State AV Temporature Service 1 Closed Spinish Spi	directive model's fault manary - Obtected DME immediately. Terminal 15 Violage condition - Obtected dated - Nome NO Read-Based data abook, 10 5851 N	Intriputation service  - Intake-air temperature service deceive - Replace intake-air temperature service - Replace intake-air temperature service - Replace DME - Replace DME	- Os excretor engine power reduction: off Possible apparent symptoms:  - CC message: none none Engine runs roughty	Breakdown notice: None None
	The fault is recognized when the vollaged of the initial-size to the initial-size temperature series risks task that the initial-size temperature series risks that th		- ECE emissions warning lamp:	
	0.17 V.		on - ECE electronic engine power	
	Potential problem source(s) - Outlette winty hinnes between DIEE and states are		reduction: on - CC message: on	
ME/SUT2- Viside of Important season, endoir, who could be for season and the season are season to be for the season and the season are season to be for the season are season as the season are season are season as the season are season are season are season as the season are	temperature sensor - Intak-air Impressure sensor - This fault is logged in the control defective - module's fault memory	- Defective wiring harmess between DME and intake-air temperature sensor - Intake-air temperature sensor - Intake-air temperature sensor defective - Replace intake-air temperature sensor	- US emissions warning lamp: off  - US electronic engine power  reduction: off  Possible apparent symptoms:	Breakdown notice:
B9000 0x1000 105156 and a final section of the control of the cont	undersor Emodes and namely Terminal 15 Voltage condition: - Ontoined olice - Norme NO Read land data block. IO 5851 N The fault in composited when the difference believes for any w	- Intake-ar temperature service conscione - respecto intake-ar surperature service - Defective DME - Replace DME	reduction of Processing apparatus symptoms.  - CC message: none none Engine runs roughly	None None
			- ECE emissions warning lamp:	
	Ramed voltage is greater than 0.6 V.		on - ECE electronic engine power	
	Performal profession councility: - Outdoorless wiring harmons between DNE and retained are		reduction: on - CC message: on	
The diagnostic fundion monitors the voltage of the  intake-are temperature sensor, electrical signar and the  intake-are temperature sensor signar and the  intake-are temperature sensor signar and  intake-are temperature sensor signar signar and  intake-are temperature sensor signar and  intake-are temperature sensor signar si	temperature sensor - Intelia-air ampropriature sensor - This fauti is logged in the control - models faut memory - models faut memory	- Defective wiring harmess between DME and intake-air temperature sensor - Intake-air temperature sensor defective - Reptace intake air temperature sensor - Reptace intake air temperature sensor	- US emissions warning larnor off - US electronic engine power reduction: off Possible accentral symptoms:	Breakdown notice:
NEO/DT-2. Intide-of improvature Sensor, Gent-local signal not. The of Refer to detect proper that you found the specified Intelligence of Control (Intelligence of Control	Orderctive DME immediately. Terminal 15 Voltage condition - Orlopard ideal - None NO Read test data block: ID 5851 N	- manue-ar temperature service desective - respecto manue amount service - Replace DME - Replace DME	- CC message: none none Engine runs roughly	None None
			- ECE emissions warning lamp: off - ECE electronic engine power - ECE electronic engine power	
	The response to the fault is		- ECE electronic engine power reduction: off  - CC message: none	
	specified for a different fault		IIQ aminsions uppeign frame off	
NS(YOT) 2- 0x10500 195500 Clarge at temporals series, cell dark milities face included by the control of the co	Potential problems scurred(s)  see Individual fault  module's fault in immorey  module's fault in immorey  module's fault  mod	lauft TAVDKmax (10 - see Individual fault - Repair individual fault	- See individual fault for (10504/1083996)  - CC message: none - see individual fault for (10504/1083996) - see individual fault for (10504/1083996)	Breakdown notice: - see individual fault for (10504/1083696) - see individual fault for (10504/1083696)
			- ECE emissions warning lamp: off	
	The response to the fault is		- ECE alectronic engine power reduction: off - reduction: off - CO message: none	
	specified for a different fault entry, etc.,		- US emissions warning lamp: off	
INSTOT 2. CHISPA de Minimization control contr	This dust is logged in the control Potential problem source(s): - see Individual flust   Immediate(s)   Terminal 15   Woltage condition: - Orbicond elso: - None   See Individual flust   See Individual flust	lauft - see Individual fault - Repair individual fault	US electronic engine power reduction: eff Possible apparent symptoms:     CC message: none see Individual fault see Individual fault see Individual fault	Breakdown notice: see Individual faut see Individual faut
			- ECE emissions warning temp: off	
			off - ECE electronic engine power reaution. Off - CC measure, more - CC - CC measure, more - CC -	
	The response to the fault is specified for a referred trust ending to the specified for the specified		- US emissions warning lamp: off	
MEV017.2 Intaka air temperature sensor, cold stuft, multipsi fault: BH00200 On 199922 1065998 decidical and planability Collective fault intake-air temperature sensor.	This fault is logged in the control modul's but memory mediately Terminal 15 Voltage contition - Orbicard elect-see Individual fault see Individual fault	Sault - Nope Mann	US electronic engine power reduction: off Possible apparent symptoms:     CC message: none see Individual faut see Individual faut	Breakdown notice: see Individual fault see Individual fault
	The fault is recognized when the voltage of the instead as a		and control (AUX)	alon internation rates
	Votage or an entrans-art Tamperatura sensor-accededs 4.85 V.		- ECE emissions warning lamp:	
	Potential protions source(s) - Overlied in whitego transace between DNE and drappear between DNE and drappear between DNE and drappear between DNE and drappear		on - ECE electronic engine power	
		Defect in wiring harness between DME and charge- air temperature sensor	reduction: on - CC message: on	
The diagnosis fundor monitors the upper voltage MEV0112- Change at Immorrative sensor, electrical: Short close? Short desirals are immorrative sensor on the Change Air Coder Temperature Sensor Circuit High	- Change are funnyeasines sensor for the funnyeasine sensor This fault is logged in the control has been transpread and module's fault memory and the sensor that the sensor t	air temperature sentor  - Change-air temperature sentor  - Charge-air temperature sentor hab bein temperature sentor  - Replace change-air temperature sentor  - Replace change-air temperature sentor	- US emissions warning lamp: on  - US electronic engine power  reduction: on Possible apparent symptoms:	Breakdown notice:
NE-COTT-2:  Challey-air fine-personal sensor, electrical: Short cross of the engine-air sensor on the engine-air sensor o	Outlete DME	- Neplace charge at temperature sensor - Defective DME - Replace DME	roduction: on Possetre appaient symptoms: - CC message: on none Reduced power	Brieakdown rionee: Standard EML Text None
	Contigue of the situate and contigue of the situation and contigue			
	Potential problem source(s):		- ECE emissions warning lamps on	
	- Detect in winting harmess between DME and of all and a between DME and of all any air winting latest as serior in the proportions as serior in the proportion of the proport	- Defect in wiring harness between DME and charge-	-ECE electronic engine power reduction: on -CC message: on	
The diagnosis function monitors the lower voltage	- Charge-air temperature serior	air temperature sensor  Channe, air temperature sensor defective  Chante wiring homess between DMF and chame, air	. IIS emissions warning lamp; on	
NEVOTI 2.  DEVOTI 3.  DEVOTI 4.	- Orage air improvative sensor. This fluid is bogget in the control mass been temporal with months of the control sensor that the control temporal with months fluid months that months of the control temporal sensor that the control	- Charge-air temperature sensor has been tempered with repeature sensor - Replace charge-air temperature sensor - Replace Char	- US electronic engine power reduction: on Possible apparent symptoms:  - CC makings on none Reduction on Reduced power	Breakdown notice: Standard EML Text None
	The fact is recognized when the difference believes the true voltage voltage and the the posses- fected voltage a 26 M V			
			- ECE emissions warning lamp:	
	Penterial problem ocurul(s): - Debet in wiring harmas between DNE and ocupy- air		on - ECE electronic engine power reduction: on	
The diagnosis fundion monitors the voltage of the	Interporative sensor - Counge air improvative sensor - Counge air improvative sensor - Counge air improvative sensor	Defect in wiring harness between DME and charge- air temperature sensor     - Charge-4 transpeature sensor offective     - Charge-4 transpeature sensor offective     - Charge-4 transpeature sensor offective	- CC massage: on - US emissions warning larny: on	
MEVOT72- Charge-air temperature sensor - electrical : Signal not the air Plant or determine that violate the secreted Charge Air Coder Temperature Sensor Circuit	- Chaige-air temperature sensor This Start is logged in the control has been tempered with module's faut memory module's faut memory	Charge-air temperature sensor has been tampered temperature sensor     with Replace charge-air temperature sensor	- US electronic engine power reduction; on Possible apparent symptoms:	Breakdown rolice:
Bel000	- Defective DME immediately. Turnised 15 Voltage condition: - Orbitage deed - Notice None NO Read test data block; 10 5807 N	- Defective DME - Replace DME	-CC message: on none Reduced power	Standard EML Text None
	The fault is recopilated when the voltage of the charge-air			
	templatible senter dels indi		- ECE emissions warning lamps:	
	Potential problem source(s): - Detect in winting harmon below to display and below to display		- ECE electronic engine power reduction: on	
	belowen Dik Earl of drugs air  surpossulus season  1-Dangs air Rengossulus sensor  oktobre  oktobre	- Defect in wiring harness between DME and charge- air temperature sensor - Charge-air temperature sensor defective - Chack wiring harness between DME and charge-air	- CC message: on	
MEVCIT2. Charge-air temporature sensor, plausibility: Signal The diagnostic function monitors the charge-air Charge Air Cooler Temporature Sensor Signal Stuck	- Charge-air impropriative sensor This fault is logged in the control not been Empreyare with models South minority	Charge-air temperature sensor defective     Charge-air temperature sensor has been tampered     with     Replace charge-air temperature sensor     Replace charge-air temperature sensor	- US emissions warring lamp: on  - US electronic engine power  reduction: on  Possible apparent symptoms:	Breakdown notice:
winder of the state of the stat	- Engine warmed to normal tempera	- repeate compares surpressure SMTSCE	г основа причита артурия.	

					ı ı			<u> </u>				1	- If other faults have been entered (combustion miss in				
						-	e fault is recognized when the mount of entering air is less than that required for the calculated fuel-air ratio.						one or several cylinders, or combustion miss when fuel level is low), repair these issues first. No fault diagnosis required on autocharging system?  - Visual inspection of boost-air tubes between compressor and instem manifold  - ECE emissions wan	ing larner			
						P	Potential problem source(s): Extreme dirt/contamination in air filter - Leaks in boost-air tubes						- Check air filter     - Apply positive pressure of 200 ± 20 mbar to check for letter of any check for letter of the intake air planner and intake manifold.     Replace any leaking components.	ne power r			
MEVD17.2-	Intake-air system: suspected leak between	The diagnostic function manitors the compressed				bet	manifold Positive crankcase ventilation	This fault is logged in the control module's fault memory immediately. none				Extreme dirtrontamination in air filter     Leaks in boost-air tubes between compressor and intake manifold     Positive crankoase ventilation valve defective	ract fails to retain pressure, proceed to check the PCV valve in the cylinder head cover.  - US electronic engit reduction: o	g lamp: on e power	Possible apparent symptoms: Engine runs poorly (miss, unsatisfactory idle) Power reduction	Breakdown notice:  - It is possible to continue driving the vehicle, but assing maneuvers should not be attempted owing to	N
BN2020 0x108F01 10861	185 turbocharger and intake valves	intake air.				The	valve defective r fault is recognized when the nsor voltage is above 4.95 V.	trimbolatay. Rone	Voltage condition: - Onboard elect - None	- NORM DOJ	PECHAL Y	- Prositive characters venteration verve detective	- ECE emissions wan	ing lamp:	POWE RESULSOR	the reduction in engine output.	POTRE
							Potential problem source(s):  - The coolant temperature nsor's wiring harness is shorted positive or has an open wire						- ECE electronic enging reduction: o - CC message				
MEVD17.2- BN2020 0x109001 10854	Coolant-temperature sensor, electric: short circuit to positive or open circuit	The diagnostic function monitors the coolant temperature sensor's wires.	P0118	Engine Coolant Temperature Sensor 1 Circuit High	Engine Coolant Temperature Sensor		- Temperature is outside measurement range Coolant temperature sensor defective	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- 21 sec. after engine start NO	0x5A37 0x5A38 0x5A39 0x581EN	The coclant temperature sensor's wiring harness is shorted to positive or has an open wire     Temperature is cutside measurement range     Coclant temperature sensor defective	US emissions warnin     US electronic engit     Check coolant temperature sensor wiring harness     Replace coolant temperature sensor     Comessage     Comessage	e power r	Possible apparent symptoms: Possible power reduction Fan at maximum rotation apped	Breakdown notice: None	None
						ser F	a fault is recognized when the nsor voltage lies below 0.1 V. Potential problem source(s):						- ECE emissions warn on - ECE electronic engi	ne power			
						win	Coolant temperature sensor ing harness has short circuit to ground - Temperature is outside measurement range Coolant temperature sensor	This fault is boosed in the control				- Coolant temperature sensor wiring harness has short	reduction: o - CC message - US emissions warming	on plamp: off	Brookin apparent commune:		
MEVD17.2- BN2020 0x109002 10854 MEVD17.2- BN2020 0x109208 10850 MEVD17.2-	Coolant-temperature sensor, electric: short circuit to ground	The diagnostic function monitors the coolant temperature sensor's wires.	P0117 P112B	Engine Coolant Temperature Sensor 1 Circuit Low  Engine Coolant Temperature Too Low	Engine Coolant Temperature Sensor  Engine Coolant Temperature Sensor	1 Electrical  1 Temperature	Coolant temperature sensor defective	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	0x5A37 0x5A38 0x5A39 0x581EN	circuit to ground - Temperature is outside measurement range - Coolant temperature sensor defective	- Check coolant temperature sensor wiring harmess - Replace coolant temperature sensor - CC missage:	r r none none	Possible apparent symptoms: Possible power reduction Fan at maximum rotation speed	Breakdown notice: None	None
MEVD17.2- BN2020 0x109208 10859	960		P316B	Engine Coolant Temperature Signal Stuck Low	Engine Coolant Temperature	General TI	he fault is recognized when temperature jumps of 30°C						- ECE emissions wan	ing lamp:			
							occur.  Potential problem source(s):  Defect in wiring harness to coolant temperature sensor						- ECE electronic engli	ne power			
MEVD17.2- BN2020 0x109308 10882	Cociant-temperature sensor, plausibility: signal change too fast	The diagnostic function monitors the coolant temperature sensor's voltage signal for plausibility.	P0116	Engine Coclant Temperature Sensor 1 Circuit Range/Performance	Engine Coolant Temperature Sensor	-1	Coolant temperature sensor installed incorrectly Coolant temperature sensor defective	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	0x5A37 0x5A38 0x5A39 0x581EN	Defect in wiring harmess to coolant temperature sensor     Coolant temperature sensor installed incorrectly     Coolant temperature sensor defective	- US emissions warnin - Check coolant temperature sensor wiring hamess - Replace coolant temperature sensor - CC message: - CC message:	e power	Possible apparent symptoms: Possible power reduction Fan at maximum rotation apped	Breakdown notice: None	None
							he fault is recognized when temperature jumps of 30°C occur.						- ECE emissions wan on - ECE electronic engi	ing lamp:			
						-	Potential problem source(s):  - Defect in wiring harmess to coolant temperature sensor Coolant temperature sensor installed incorrectly	This fault is logged in the control				- Defect in wiring harness to coolant temperature sensor	reduction: - CC message - Us emissions werein - U. S electronic enai	on	Poggijkle annasset outerhann		
MEVD17.2- BN2020 0x109308 10862	Coolant-temperature sensor, plausibility: signal change too fast	The diagnostic function monitors the coolant temperature sensor's voltage signal for plausibility.	P3198	Engine Coolant Temperature 1 Gradient Too High	Engine Coolant Temperature	General The	Coclant temperature sensor defective e fault is recognized when the coclant temperature is 18°C	This bast is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	0x5A37 0x5A38 0x5A39 0x581E N	sensor  - Coolant temperature sensor installed incorrectly  - Coolant temperature sensor defective	- Check coolant temperature sensor wiring harmess - Replace coolant temperature sensor - CC message:	r none none	Possible apparent symptoms: Possible power reduction Fan at maximum rotation speed	Breakdown notice: None	None
						al F	bove the average of several temperatures at cold start. Potential problem source(s):						ECE emissions wan     off     ECE electronic engi réduction:	ne power			
MEVD17.2-	Coolant temperature sensor, cold start: Coolant	The diagnostic function monitors the coclant temperature to detect excessively high values during				- Er	ngine block heater or auxiliary heater may be installed - Defect in wiring harness between DME and sensor - Sensor defective	This fault is logged in the control module's fault memory				Engine block heater or auxiliary heater may be installed     Defect in wiring harness between DME and sensor     Sensor defects	- Determine whether an engine block heater or auxiliary heater is installed - Us emissions went or auxiliary heater is installed - Us emissions went or - Replace sensor - Replace sensor - reduction. or reduction.	none g lamp: on	Possible apparent symptoms: Rough engine, possibly followed by power reduction	Breakdown notice:	
BN2020 0x10AA20 10921	Codum simple author serior, cold state: Codum: 128 temperature too high	cold starts.	P1005	Cold Start Engine Coolant Temperature Too Low	Engine Coolant Temperature	Coli Siari	- Defective DME  - Defective DME	immediately. none	Voltage condition: - Onboard elect - None	- 21 sec. after engine start NO	Read test data block; ID 581F N	- Defective DME	- repaired sensor reconstruction - Replace DME - CC message  ECE: - ECE emissions wan	on none	caused by thermal management	Dreamstown intractor. None	None
						b	elow the average of several temperatures at cold start.						- ECE abschorid engling feducionic of CC message: MY102:	ne power			
MEVD17.2- BN2020 0x10AA21 10921	Coolant temperature sensor, cold start: Coolant temperature too low	The diagnostic function monitors the coolant temperature to detect excessively low values during cold starts.	P1004	Cold Start Engine Coolant Temperature Too Low	Engine Coolant Temperature	l l	Potential problem source(s):  - Defect in wiring harness between DME and sensor  - Sensor defective  - Defective DME	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard electi - None	- 21 sec. after engine start INO	Read test data block; ID 581F N	Defect in wiring harness between DME and sensor     Sensor defective     Defective DME	- Check wiring harness between DME and sensor - Replace sensor - Replace DME - CC message - CC message	glamp: on e power r	Possible apparent symptoms: Rough engine, possibly followed by power reduction caused by thermal management	Breakdown notice: None	None
													- ECE emissions wan off - ECE electronic engi	ing lamp:			
						1 9	The response to the fault is ipecified for a different fault entry.						reduction: o - CC message: - US emissions warnin	noine glamp: off			
MEVD17.2- BN2020 0x10AA30 10921	Coolant-temperature sensor: collective error: electrica and signal	Collective fault: Coolant-temperature sensor.					Potential problem source(s): - None e fault is recognized when no	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	0x5A37 0x5A38 0x5A39 0x581EN	- None	- US electronic engia - None - CC message: - ECE emissions wan	none none	Possible apparent symptoms: Possible power reduction Fan at maximum rotation speed	Breakdown notice: None	None
						l P	signal is available.  Potential problem source(s):  - Defect in wiring harness between DME and coolant						- ECE electronic enginere reduction: o - CC message	ne power			
MEVD17.2- BN2020 0v104440 10021	160 Coolant-temperature sensor, electrical: no signal	The diagnostic function monitors the CAN transmission.	P0115	Engine Coolant Temperature Sensor 1 Circuit	Engine Coolant Temperature Sensor		between DME and coolant temperature sensor Coolant temperature sensor defective - Defective DME	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None	0x5A37 0x5A38 0x5A39 0x581EN	Defect in wiring harness between DME and coolant temperature sensor     Coolant temperature sensor defective     Defective DME	- Check wiring hamess between DME and coolant temperature sensor - Replace coolant temperature sensor - Replace coolant temperature sensor - Replace DME - CC message: - CC message:	g lamp: off e power r	Possible apparent symptoms: Possible power reduction Fan at maximum rotation apped	Breakdown notice:	None
							a fault is recognized when the coolant temperature sensor transmits implausible temperature data.						- ECE emissions wan				
							Potential problem source(s): - Defect in wiring harness between DME and coolant temperature sensor						- ECE electronic angl reduction: o - CC message:	r			
MEVD17.2- BN2020 0x10AA50 10921	Coolant-temperature sensor, plausibility: engine temperature in ref. to model implausibly too high	The diagnosis function monitors the coolant temperature sensor.	P112A	Engine Coolant Temperature Sensor 1 Maximum Temperature Implausible	Engine Coolant Temperature Sensor	1 Temperature	Cocrant temperature sensor defective - Defective DME	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None NO	0x5A37 0x5A38 0x5A39 0x581EN	Defect in wiring harness between DME and coolant temperature sensor     Coolant temperature sensor defective     Defective DME	Check wiring hamses between DME and coolant temperature sensor temperature sensor reduction:     Replace codent temperature sensor reduction:     Replace DME - CC message:	e power r	Possible apparent symptoms: Possible power reduction Fan at maximum rotation speed	Breakdown notice: None	None
							a fault is recognized when the coolant temperature sensor transmits implausible temperature data.						ECE: - ECE emissions want of - ECE electronic engre reductors				
							Potential problem source(s): - Defect in wiring harness between DME and coolant temperature sensor					- Defect in wiring harness between DME and coolant	- CC message:     MY10 Us:     - Check wiring harness between DME and coolant:     - US emissions warnin	none glamp: on			
MEVD17.2- BN2020 0x10AA51 10921	Coolant-temperature sensor, plausibility: engine 177 temperature in rel. to model implausibly too low		P112B	Engine Coolant Temperature Top Low	Engine Coolant Temperature Sensor	1 Temperature The	- Defective DME a fault is recognized when the	This fault is logged in the control module's fault memory immediately.	Voltage condition: - Ontoperd elect - None	- 1 min. after engine start NO	0x5A37 0x5A38 0x5A39 0x581EN	temperature sensor - Coolant temperature sensor defective - Defective DME	hemperature sensor - US electronic engin  - Replace coclant temperature sensor - CC message  - Replace DME - CC message  ECE:	r	Possible apparent symptoms: Possible power reduction Fan at maximum rotation speed	Breakdown notice: None	None
							coolant temperature sensor transmits implausible temperature data. Potential problem source(s):						- ECE emissions want off - ECE electronic angle electronic angle reduction: o				
unnas				Engine Coclant Temperature Sensor 1 Circuit			Defect in wiring harness between DME and coclant temperature sensor Coclant temperature sensor defective	This fault is logged in the control module's fault memory				Defect in wiring harness between DME and coolant temperature sensor     Coolant temperature sensor defective	- CC message:     MYY0 US:     - Check wiring harness between DME and coolant temperature sensor     - US emissions warning - US electronic enginers.	g lamp: on e power	Possible apparent symptoms: Possible power reduction	0	
MEVD17.2- BN2020 0x10AA52 10921	Coolant-temperature sensor, plausibility: engine temperature implausible	The diagnostic function monitors the coolant temperature sensor.	P0116	Engine Codant Temperature Sensor 1 Circuit Range/Performance	Engine Coolant Temperature Sensor	1 Plausibility The	defective - Defective DME  a fault is recognized when the coolant temperature sensor transmits implausible	module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None NO	0x5A37 0x5A38 0x5A39 0x581EN	Coolant temperature sensor defective     Defective DME	- Replace colant temperature sensor reduction: - Replace DME - CC message  ECE: - ECE emissions wan	on none	Possible power reduction Fan at maximum rotation speed	Breakdown notice: None	None
						P	transmis implausitie temperature data. Potential problem source(s): - Defect in wiring harness						off - ECE electronic engi reduction: o - CC message:	ne power r			
MEVD17.2- BN2020 0x10AA52 10921	Coolant-temperature sensor, plausibility: engine temperature implausible	The diagnostic function monitors the coolant temperature sensor.	P3100	Engine Coolard Termneratury Glossel Glosse	Enging Contact Terrespondence		between DME and coolant temperature sensor Coolant temperature sensor defective	This fault is logged in the control module's fault memory immediately.	Voltage condition: - Onlineard eleme. N	- None	0x5A37 0x5A38 0x5A30 0x5A11	Defect in wiring harness between DME and coolant temperature sensor     Coolant temperature sensor defective     Defective DME	- Check wiring harness between DME and ocolant temperature sensor - Replace coolant temperature sensor reduction: or	g lamp: on e power r	Possible apparent symptoms: Possible power reduction Fan at maximum rotation sceed	Breakdown notice: None	None
BN2020 0x10AA52 10921 MEVD17.2: BN2020 0x10B101 10938 MEVD17.2: BN2020 0x10B102 10938	889	temperature sensor.	P3199 P0073 P0072	Engine Coolant Temperature Signal Stuck  Ambient Air Temperature Sensor Circuit 'A' High  Ambient Air Temperature Sensor Circuit 'A' Low	Engine Coolant Temperature  Ambient Air Temperature Sensor  Ambient Air Temperature Sensor	General  Electrical  Electrical	- Defective DME	none	Voltage condition: - Onboard elect - None	DCJ	0x5A37 0x5A38 0x5A39 0x581EN	- Defective DME	- Replace DME - CC message	5008	Fan at maximum rotation speed	-00%	The st
BN2020 0x10B102 10938 MEVD17.2- BN2020 0x10B104 10938	802		P110F	Ambient Air Temperature Sensor Faulty CAN Signal	Ambient Air Temperature Sensor	Signal							- ECE emissions wan				
							This is monitored in the instrument cluster.  Potential problem source(s):						- ECE electronic and reduction: of reduction: of - CC message	ne power			
MEVD17.2- BN2020 0x10BA20 10962	Outside temperature sensor, signal: Upper threshold value exceeded	The diagnostic function monitors the outside temperature sensor for excessively high temperature figures.	P0073	Ambient Air Temperature Sensor Circuit 'A' High	Ambient Air Temperature Sensor	Sectrical Sectrical	- Wiring harness to outside emperature sensor defective Outside temperature sensor defective - Instrument cluster faulty	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	CAN signal (clum) from I-cluster Y	Wiring harness to outside temperature sensor defective     Outside temperature sensor defective     Instrument cluster faulty	Us emissions warnin     Us electronic engli     Continue fault diagnosis at the instrument cluster     CC missage:	e power	Possible apparent symptoms: None	Breakdown notice: None	None
							This is monitored in the instrument cluster.						- ECE emissions wan - ECE electronic engi	ing lamp:			
		The diagnostic function monitors the residue					Potential problem source(s): - Wiring harness to outside emperature sensor defective Outside temperature sensor	This fault is logged in the control				Wiring harness to outside temperature sensor defective	reduction: - CC message - US emissions with - US electronic engin	on glamp: off e cower			
MEVD17.2- BN2020 0x10BA21 10962	Outside temperature sensor, signal: Lower threshold value undershot	The diagnostic function monitors the outside temperature sensor for excessively low temperature figures.	P0072	Ambiert Air Temperature Sensor Circuit 'A' Low	Ambient Air Temperature Sensor	Electrical	Outside temperature sensor defective - Instrument cluster faulty	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	CAN signal (clum) from I-cluster Y	- Outside temperature sensor defective - Instrument cluster faulty	reduction: o  - Continue fault diagnosis at the instrument cluster - CC message:  - ECE emissions wan	none none	Possible apparent symptoms: None	Breakdown notice: None	None
							This is monitored in the instrument cluster.  Potential problem source(s):						- ECE electronic enging reduction: - CC message	ne power			
MEVD17.2- BN2020 0x10BA22 10962	Ambient-temperature sensor, signal: CAN message incorrect	The diagnostic function monitors the outside temperature sensor's CAN data.	P110F	Ambient Air Temperature Sensor Faulty CAN Signal	Ambient Air Temperature Sensor	Signal	Wiring harness to outside emperature sensor defective Outside temperature sensor defective     Instrument cluster faulty	The diagnostic fault code is logged when the fault remains present for longer than 1 min. Terminal 15	Voltage condition: - Onboard electi - None	- None NO	CAN signal (chim) from Loluster Y	Wiring harness to outside temperature sensor defective     Outside temperature sensor defective     Instrument cluster faulty	US emissions warning - US electronic enging reduction; or continue fault diagnosis at the instrument cluster - CC messaget.	e power	Possible apparent symptoms: None	Breakdown notice: Clarification in progress	None
													- ECE emissions wan eff - ECE electronic engi	ing lamp: ne power			
						7 (5)	The response to the fault is pecified for a different fault entry.	This fault is loosed in the control					reduction: - CC message: - US emissions warnin - US electronic enai	none glamp; off			
MEVD17.2-	Outside temperature sensor, multiple fault: electrical					P	Potential problem source(s):	This fault is logged in the control module's fault memory	Voltage condition: - Onboard elect				None, continue fault diagnosis at instrument cluster     Teduction: or	· ·	Possible apparent symptoms:	Breakdown notice:	

		The fault is recognized when the			ECE: - ECE emissions warning lamp; off	
		outside temperature remains more than 20°C datoure the model value for longer than 14 60C.			- ECE electronic engine power	The following conditions can lead to an incorrect
		Potential nonhiem scrume(s):		- Check outside temperature     - Check outside temperature sensor	- CC message: more MY10 US - US entisione warning lamp: on - US electronic contrain cover	diagnosis:  Battery channe or defective hattery
MEVD17.2- BN2020 0x10BA40 1096256 temperature sensor, plausibility. Ambient The diagnostic function checks the plausibility of the outside temperature.  The diagnostic function checks the plausibility of the outside temperature.	Ambient Air Tempenature Sensor Circuit 'A' P0071 Range-Performance Ambient Air Temperature Sensor Plausibility	- Defective winty namesa  - Outside temperature sensor  Gelective Control of the	d to normal tempers - None NO none Y	- Defect in wiring harness - Outside temperature sensor defective - Outside temperature sensor defective - Outside temperature sensor	reduction; off Possible apparent symptoms: - CC message: on MIL ON in US versions only None	- Engine heated by secondary source, such as Breakdown notice: auxiliary heater None - Sensor frezen
		The fault is recognized when the outside temperature remains			ECE: - ECE emissions warning lamp:	
		outside templications remained more than 20°C above the model value for longer than 14 date.			- ECE electronic engine power reduction: off	The following conditions can lead to an incorrect
		Potential nonhiem source(s):		- Check outside temperature - Check outside temperature sensor - Check outside temperature -	- CC message: more MY10 US - US entisione warning lamp: on - US electronic contrain cover	diagnosis:  Battery channe or defective hattery
MEVD17.2- BN2020 0x108A40 1098256 temperature sensor, plausibility. Ambient The diagnostic function checks the plausibility of the outside temperature.	P10EA Ambient Air Temperature Too High Ambient Air Temperature General	Datective wiring harmess     Outside interpretative senters     detective greater for incompanies for the flaunt remains greater for incompanies for the flaunt remains greater for incompanies for the first flaunt remains greater for incompanies for the first flaunt remains greater for incompanies for the first flaunt remains greater for incompanies flaunt remains greater flaunt re	d to normal tempers. None NO none Y	- Check cotision temperature sensor - Defect in wiring harness extra cluster - Outside temperature sensor defective and the outside temperature sensor	- US electronic engine power reduction off Possible apparent symptoms: - CC message: on MIL ON in US versions only None	- Engine heated by secondary source, such as audiliary heater None - Sanse Good.
		The fault is recognized when the			ECE: - ECE emissions warning lamp:	
		The fault is recognised when the outside temperature remains more than 20°C below the model was for tringer than			- ECE electronic engine power reductions of	
		14 sec. Potential problems source(s):		- Check outside temperature	- CC message: none M110 US: - US emissions warring largo: on	The following conditions can lead to an incorrect diagnosis: Battery change or defective battery  - Battery change or defective battery
MEVD17.2- BNC020 0x10BA41 1096257 temperature sensor, plausibility. Ambient The diagnostic function checks the plausibility of the outside temperature.	Anthien Air Temperature Sensor Circuit 'A' P0071 RangePerformance Anthient Air Temperature Sensor Plausibility	Delective wiring harmses     Obtains temperature sensor and the control model's fault mannary sensor adhective immediately, none Vidtage condition; - Onboard elect - Engine warmse	d to normal temperal-None NO none Y	- Check outside temperature sensor - Defect in wiring harness - Outside temperature sensor defective and the outside temperature sensor and the outside temperature sensor and the outside temperature sensor	- US electronic engine power reduction: off Possible apparent symptoms: - CC message: on MIL ON in US versions only None	- Engine heated by secondary source, such as Breakdown notice: auxiliary heater None - Sentor frozen
					ECE:	
		The fault is recognized when the coalide temperature remains more than 20°C below the model value for longer than			- ECE emissions warming lamp;  of  - ECE electronic engine power resultant of	
		14 800.			- CC message: none MY10 US:	The following conditions can lead to an incorrect diagnosis:  Battery change or defective battery  - Battery change or defective battery
MEVD17-2- Outside temperature sensor, plausibility. Ambient The diagnostic function checks the plausibility of the		Potential problem source(s): - Detective wring harmass - Outside temperature sensor modele's fault memory		- Check outside temperature     - Check cousside temperature sensor     - Defect in wiring harness     - Check wiring harness between the instrument cluster	- US emissions warning lamp: on - US electronic engine power reduction: off Possible apparent symptoms:	- Engine heated by secondary source, such as Breakdown notice: auxiliary heater
BN2020 0x10BA41 1096257 temperature less than model temperature outside temperature.	P16EB Ambient Air Temperature Too Low Ambient Air Temperature General	defective immediately none Voltage condition: - Onboard elect - Engine warms The fault is recognized when the install-air temperature exceeds	d to normal tempers - None NO none Y	Outside temperature sensor defective and the outside temperature sensor	CC message: on MIL ON in US versions only None  ECE:	None - Sensor frozen
		an average figure from several temperatures during cold starts.			- ECE emissions warning tamp: off - ECE electronic cangine power	
		Potential problem source(s):  - Detective wiring harmses between OME and intake air			- ELLE WILLIAMS ENGINE PROVEY ROCKLOSTON OF  - CC message: none MY10 US:	
MEV017.2- Intake-är temperature sensor, cold statt: intake-är temperature to detect excessivish high values during		temperature sensor Intake-air temperature sensor This fault is logged in the control		- Defective wiring harmess between DME and intake-air temperature sensor - Intake-air temperature sensor defective - Reclasor intake-air temperature sensor defective - Reclasor intake-air temperature sensor	- US emissions warning lamp: on - US electronic engine power Possible apparent symptoms:	Breakdown notice:
MEVD17.2- BN2020 0x108A42 1098258 Intake-air temperature soneor, cold start: intake-air temperature to detect excessively high values during cold starts.	P10C9 Cold Start Indake Air Temperature Too High (Bank 1) Intake Air Temperature 1 Cold Start	defective module's fault memory - Defective DME module's fault memory - The fault is recognized when the The fault is recognized when the	- 21 sec, after engine start NO Read test data block; ID 581F N	- Intave-ar temperature sensor detective - Replace intave-ar temperature sensor - Defective DME - Replace DME	reduction: off Rough engine, possibly followed by power reduction  -CC message: on none caused by thermal management	Breakdown rotice: None None
		The fault is recognised when the initiate at temperature is a blow on a average figure from several temperatures during cold states.			ECE: - ECE emissions warning lamp: off	
		Potential problem source(s): - Detective wiring harmess			- ECE electronic engine power reduction: off - C message: none - C message: none	
The diagnostic function monitors the intake-air		between DME and intake-air temperature sensor		Defective wiring harness between DME and intake-air temperature sensor     temperature sensor	MY10 US: - US emissions warning lamp: on	
MEVD17.2.  BN2020 0x10EA43 1096259 temperature sensor, cold start: Intake-air temperature too low temperature too low.	P105D Cold Start Intake Air Temperature Too Low (Bank 1) Intake Air Temperature 1 Cold Start	Osnicitive	- 21 sec. after engine start NO Read test data block; ID 5851 N	temperaturs sensor - Replace instea six temperaturs sensor - Replace DME - Replace D	- Us sicebroric engine power reduction of Possible apparent symptoms: - CC message, on sone Engine pure roughly	Breakdown notice: None None
		The fault is recognized when the intake or temperature on the engine-disk of the air filter is				
		moce than 24°C above the intake- air temperature before the throttle value.			- ECE emissions warning lamp:	
		Potential problem source(s): - Defective wirins harmsss			- EDE electronic engine power nduction: on	
		between DME and intake-air temperature sensor This fault is logged in the control		Defective wiring harmess between DME and intake-air     temperature sensor     temperature sensor	- US emissions warning larne: off  - US electronic angine power	
MEV017.2- BN2020 0x10B448 1096264 Intake air temperature sensor, plausibility. Intake air The diagnostic function monitors the intake-air temperature to high temperature to detect irrejausibly high figures.	P0127 Intake Air Temperature Too High Intake Air Temperature 1 General	defective - module's fault memory - Defective DME - module's fault memory - none - Voltage condition: - Onboard elect - None - The fault is recognized when the	- None NO Read test data block; ID 5851 N	- Intake-air temperature sensor defective - Reptace intake-air temperature sensor - Defective DME - Reptace DME	reduction: off Possible apparent symptoms: - CC message: none Active in US only Engine runs roughly	Breakdown notice: None None None
		intake-air temperature on the				
		using medical coat from a final and coat			ECE emissions warning lamp:     on     ECE electronic engine power	
		Potential problem source(s): - Defective wiring harmesa			- EUD: electronic engine power reduction. on - CC message: on	
		between OME and intake-air  temperature sensor - Intake-air temperature sensor - This fault is logged in the control		Defective wiring harness between DME and intake-air temperature sensor     Intake-air temperature sensor defective     Temperature sensor defective     Temperature sensor defective	- US emissions warning lamp: off - US electronic engine power	
MEV017.2. Intake air temperature sensor, plausibility. Intake air The diagnostic function monitors the intake-air temperature too low temperature to detect implausibly low figures.	P11C9 Intake Air Temperature Too Low Intake Air Temperature 1 General	defective module's fault memory befective DME money  The fault is recognized when the  The fault is recognized when the	None NO Read test data block; ID 5851 N	- Intake-air temperature sensor defective - Replace intake-air temperature sensor - Defective DME - Replace DME - Replace DME	reduction: off Possible apparent symptoms: - CC message: none Active in US only Engine runs roughly	Breakdown notice: None None None
		charge-air temperature exceeds an average figure from several temperatures during cold starts.			ECE:	
		Potential problem source(s): - Defect in wining harmess			- ECE emissions warning lamp: off - ECE electronic engine power	
		between DME and chappe air temperaturus sentori - Chappe air temperaturus sentori - diedetuv		- Defect in wiring harness between DME and charge-	reduction implies points reduction on - CC missage: on MY10 US:	
MEVD17.2- Charge-air temperature sensor, cold start: charge-air temperature to detect excessively high values during		- Charge-air interpolatable seriors defective - Charge-air temperature seriors has been tampered with module's fault memory		air temperature sensor  - Charge-air temperature sensor orderdive  - Charge-air temperature sensor has been temperatu  with  - Replace charge-air temperature sensor	- US emissions warning lamp: on - US dectronic engine power reduction: on Possible apparent symptoms:	Breakdown nośca:
BA2/220 0x10BAAA 1096296 temperature too high cold starts.	P1000 Cold Start Charge Air Temperature Too High (Bank 1) Charge Air Temperature Cold Start	- Defective DME immediately none Voltage condition: - Onboard elect - None The fault is recognized when the	- 21 sec. after engine start NO Read test data block; ID 581E N	- Defactive DME - Replace DME	- CC message: on none Reduced power	Standard EML Text None
		charge air temperature is below an average figure from several temperatures during cold starts.			ECE:	
		Potential problem source(s): - Defect in wine harness			- ECE emissions warning lamp: off  - ECE electronic engine power	
		between DME and charge-air temperature sensor - Charge-air temperature sensor		- Defect in wiring harness between DME and charge- air temperature sensor	reduction: on  - CC message: on MY10 US:	
MEVD17.2- Charge-air temperature sersor, cold start: charge-air temperature to detect excessively be values during		- Charge-air temperature sensor has been temperative the control modula's fault exempt  modula's fault memory		- Charge-air temperature sensor defective - Charge-air temperature sensor has been tampered with - Replace charge-air temperature sensor - Replace charge-air temperature sensor	- US emissions warning lamp: on - US electronic engine power reduction: on Possible apparent symptoms:	Breakdown nośce:
BN2020 0x108A4B 1098267 temperature too low cold starts.	P10O1 Cold Start Charge Air Temperature Too Low Charge Air Temperature Cold Start	- Defective DME immediately. none [Voltage condition: - Onboard elect - None	- 21 sec. after engine start NO Read test data block; ID 581E N	- Defective DME - Replace DME	- CC message: on none Reduced power	Standard EMIL Text None
		The fault is recognized when the boosal retragression is more thousand retragression is more than 24°C above the intrae-air from the comparature.			ECE:	
		Potential problem source(s): - Defect in wiring harness			- ECE emissions warning lamp:  off - ECE electronic engine power	
		between DME and charge air serporature serior  - Charge air temperature serior  - Charge air temperature serior  - directive  - directive  - directive  - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directive - directi		Defect in wiring harness between DME and charge- air temperature sensor     Charge-air temperature sensor defective     Chack wiring harness between DME and charge-air	reauction: on - CC message: on MY10 US:	
MEVD17.2- Charge-air temperature sensor, plausibility: Charge air The diagnostic function monitors the charge-air		- Charge-air temperature sensor I his fault is logged in the control has been tampered with module's fault memory		Charge-air temperature sensor has been tampered temperature sensor     with Replace charge-air temperature sensor	- US electronic engine power  reduction: cn  Possible apparent symptoms:	Breakdown notice:
BN2020 0x10BA4F 1098271 temperature too high temperature to detect implassibly high figures.	P1680 Charge Air Cooler Temperature Too High (Bank 1) Charge Air Temperature General	Defective DME immediately none Voltage condition: - Onboard dead - None The fault is recognized when the boost at immediate is more	- None NO Read test data block; 10 S81E N	- Defective DME - Replace DME	-CC message: on none, Reduced power	Standard EML Text None
		than 24°C above the intelled trials air town of the control of the			ECE: - ECE emissions warning lamp:	
		Potential problem source(s): - Defect in winking harness between DME and charge-air			- ECE enlactonic enaming lamp;  - ECE enlactonic engine power reduction: reduction: on	
		boteneen UNEL also changes air temperature seneror - Change air temperature sersor defective		Defect in wiring harness between DME and charge- air temperature sensor     Charce-air removative sensor defective     Charce-air removative sensor defective     Charce-air removative resource removative	- CC message: on MY10 US:	
MEVD17.2- BND020 0x10BA4F 1096227 Charge-air temperature sensor, plausibility. Charge air temperature too high temperature too high temperature too high temperature too high temperature to detect implusibly high figures.	P1002 Charge Air Temperature Too High Charge Air Temperature General	detective  - Chapse at impostature sensor  has been tampered with  - Overective DME	- None NO Read test data block; ID 581E IN	- Charge-air temperature sensor defective - Charge-air temperature sensor been tampened - Charge-air temperature sensor been tampened - Charge-air temperature sensor - Replace charge-air temperature sensor - Replace Charge-air temperature sensor	- US embosion savaring largo, on	Breakdown rodice: Standard EM. Text None
BN2020 0x10BA4F 1096271 temperature too high temperature to detect implausibly high figures.	P1002 Chauge Air Temperature Too High Charge Air Temperature General	Transpersations - Autonomy (BEC) - FETE	production under section, in a sect. (II)	- Companies Arrive	. FCF emissions warning larmy	170000
					- ECE electronic engine power reduction: off	
		The response to the fault is specified for a different fault error.			- CC message: none - US emissions woming lamp: off	
MEVD17.2- BN0000 0x10BA51 1096273 Charge-air temperature sensor, cold start. Multiple Start. Charge-air temperature sensor at cold start.		This fault is logged in the control Potential problem source(s): - None immediately. Terminal 15 Voltage condition: - Onboard elect - None	- None see Individual fault see Individual fault see Individual fault see Individual	idual fault - None - None	- US electronic engrise power reduction: off Possibile apparent symptoms:  - CC message: none see Individual faut see Individual faut	Breakdown notice: see Individual fault see Individual fault
					- ECE emissions warning lamp: off	
		The response to the fault is			- ECE electroic engine power moduction off  - Comeagage, none	
		specified for a different fault			- US emissions warning lamp: off	
MEYGET 2.   Charge air temporature sensor, group fault.   Bedicide   Cutterfee Sault. Charge air temporature sensor   Section   Sectio	Charge Air Coder Temesankee Sensor Climit	Potential problem source(s):  None medidately Terminal 15 Voltage condition: Onboard efect - None  medidately Terminal 15 Voltage condition: Onboard efect - None	- None see Individual Sutt Read test data block; ID 5852 see Individual	idual fault - None - None	reduction: off Possible apparent symptoms: -CC message: none see Individual Seut see Individual Seut	Breakfown notice: see individual fault see individual fault
BN0000 0x100001 199729 MEV017.2 BN0000 0x100001 199720	POOTS Charge Ar Cooler Temporature Stence Circuit POOTS Charge Ar Cooler Temporature Stence Crosse Are Temporature Stence Charge Ar Cooler Plausibility Charge Ar Cooler Temporature Stence Closded Too P1564 Sept. Sept					
ME-UUT72- B00000 0x10C001 109729 ME-UUT72- B00000 0x10C004 109732	P1094 High (Bank 1) Charge AF Temperature Sensor Charge AF Coder Plausibility P1000 Cold Start Charge AF Temperature Sensor Charge AF Coder Charge AF Code Start Charge AF Temperature Charge AF Tempe					
		The fault is recognized when the boosts are recognized when the boosts are respectively rest as the boosts of temperature rises by set least 90°C within 10 sec.			ECE:	
		Potential nonhiem scrume(s):			- ECE emissions warning lamp:	
		- Detect in wining harmons between DME and charge-air temperature sensor - Change-air temperature sensor		Defect in wiring harmess between DME and charge- air temperature sensor	- ECE electronic engine power reaction or - CC message: on MY10 US:	
MEVD17.2- The diagnostic function monitors the charge-air	Charge Air Cooler Temporature Stensor Gradient Too	defective - Charge-air temperature sensor This fault is logged in the control		- Charge-air temperature sensor defective     - Check wiring harmess between DME and charge-air     - Charge-air temperature sensor has been tampered     temperature sensor	- US entisions warning lamp: on - US electronic engine power reduction on - Possible apparent symptoms:	Breakdown notice:
BN2020 0x10C005 1097733 Charge-air temperature sensor, gradient: Rise too high temperature for excessively rapid rises.	P1084 High (Bank 1) Charge Air Temperature Sensor Charge Air Cooler Plausibility	has been tampered with module's fault memory immediately. none Voltage condition: - Cinboard elect - None	- None NO Read test data block; ID 581E N	with - Replace Charge- air temperature sensor - Defactive DME - Replace DME	reduction: on Possible appaient symptoms: - CC message: on none Reduced power	Bricaladown indice: Standard EML Tept None None
BAGGGG 0c110001 1114113 MEV1712- BGGGGG 0c110001 1114113	PH4E Pressure System   Pressur					
					- ECE emissions warning tamp: on	
		The fault is recognized when a short circuit to ground is present.			ECE electronic engine power moductor: on     Co massage: on	
		Potential nonhiem source(s): The diamnostic fault code is		Check wiring harness between DIME and injectors 1 and 2, replace injector 1, if but remains switch the new injector to cylinder 2.	- LIS emissions warning larger on	Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic
MEVD17.2- Injector, cylinder 1, activation: high-voltage side; short The diagnostic function monitors control-activation of	Cylinder 1 High Pressure Injector High Side Circuit	Defective wiring hamses     Defective injector stress in sequence with no Vidtage condition: - Onboard elect		Defective wiring harness new injector to cylinder 2.     Defective injector - Replace the DME control module only if the fault is	- US electronic engine power reduction: on Possible apparent symptoms:	Breakdown notice: fault codes are always logged for both injectors,

		The fault is recognized when the						- ECE emissions warning lamp:				
		outside temperatures emaine more than 20°C above the model value for trayer than 14 sec. Potential problem source(s):						- ECE electronic engine power reduction: on     - CC message: on     - Read out outside temperature with tester and assess				The following conditions can lead to an incorrect diagnosis: Battery change or defective battery
MEVOT72- BR0000 0415002 114470 typicar cylinder 1, activation low-vallage side; short The diagnosis function monitors control activation of the injector's line voltage side.	Cylinder 1 High Pressure Injector Low Side Circuit P3102 High Pressure Injector Low Side Circuit	Defective wiring harmess     Outside temperature sensor	The diagnostic fault code is logged when the fault remains present for longer than 1 min. none	Voltage condition: - Onboard elect - None	- None NO	none N	Defect in wiring harness     Outside temperature sensor defective	Visual inspection of outside temperature sensor     Check wiring harness between the instrument cluster     and the outside temperature sensor     CC message: on	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	Engine heated by secondary source, such as auxiliary heater     Sensor frozen
		The fault is recognized when a short circuit to positive is present						EDE emissions warning lamp:     On     EDE emissions warning lamp:     On     EDE electronic engine power     reduction: on     CC massage: on     CC massage: on				
MEXCD12. Description of the dispression function markets activated the dispression function markets activated advanced between the dispression function markets activated advanced between the dispression in the impairs high entities active.	Cylinder 1 High Pressure Injector High Side Circuit P3150 High Injector High Injector High	Potential problems source(s): - Datective within Exhaust - Defective within Exhaust - Defective highclor - Defective DME - Defective DME	The diagnosis fault code is entered when the fault occurs 3 times in sequence with no interruption on a single cylinder. none	Voltage condition: - Onboard elect - None	- None NO	none N	Defective wiring harness     Defective injector     Defective DME	Check wirein Jannese between DME and injectors 1 and 2 replace injector 1 if full surfaine swelth the and 2 replace injector 1 full surfaine swelth the are injector to cylindar 2 - Replace DME only if the full remains present continuously     CC message: on	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	lejectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, atthough usually only one is defective.
		The fault is recognized when a short circuit to ground is present						- ECE entissions warning larny:				
MEVOT2- BR0000 on10000 111438 Injector, cylinder 1, advisator the writings issign short. The diagnosate function monitors content-activation of ground to ground the projector's law-endings asks.	P3101 Cylinder 1 High Pressure Injector Low Side Circuit Low Injector Lo	Potential problem source(s): - Defective wiring harness - Dafective wiring harness	The diagnostic fault code is entered when the fault occurs 3 firms in sequence with no interruption on a single cylinder: none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective wiring harness - Defective injector - Defective DME	and 2  - Replace injector 1, if the defect remains present respond by switching the new injector to cylinder 2.  - Replace the DME control incodule only if the fault is supposed to commonwally research confinencials;  - Commissage on	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is deletchie.
		The fault is recognized when a						- ECE emissions warning lamp: on - ECE electronic engine power reduction: on				
MEVCH7.2- Injector, cylinder 2, activation high-valage side, short. The diagnosals function monitors control-activation of	Cylinder 2 High Pressure Injector High Side Circuit	- Defective injector	This fault is logged in the control module's fault memory				Defective plug or wiring harmess     Defective injector	- CC message: on - US emissions worning tamp: on - US emissions worning tamp: on - US emissions worning tamp: on - US electronic engine power injector 2, replace injector 2.  reduction: on		Possible apparent symptoms:	Breakdown notice:	Injectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, atthough usually only one is defective. When interchanging positions use injectors operated by a
BR0000 0x110001 114405 cloud to grand the product in high visible side.	P3152 Low Injector His	h Side Short to Ground - Defective DME	immediately. none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective DME	Replace DME only if the fault remains continuously     CC message: on     ECE emissions warning lamp:     On     ECE electronic engine power	none	Engine runs roughly and can stall in extreme cases	Engine fault	DME driver circuit that only activates one injector!
		The fault is recognized when a short city to positive is present Potential problem source(s):  - Defective winty fatnesss	The diagnosic fault code is entered when the fault occurs 3 times in sequence with no				- Defective wiring harness	reduction: on  - C message: on  - US emissions warning lamp: on  - US electronic origine power				Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic faut codes are always logged for both injectors,
MECOT 2- Separate Control of Proceedings and Control of C	Cylinder 2 High Pressure Injector Low Side Circuit Injector Side Circuit Inj	- Defective injector v Side Short to Batt - Defective DME	times in sequence with no interruption on a single cylinder, none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective injector - Defective DME	regisce injector 2. reduction: on  - Regisce DME only if the fault remains continuously  - CC message: on  - ECE emissions warming large: on	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	fault codes are always logged for both injectors, atthough usually only one is defective.
		The fault is recognized when a short circuit to positive is present Potential problem source(s):	The diagnosis fault code is					ECE electronic engine power reduction on      CC message: on     - US emissions warning tamp: on				Injectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective. When
NECOTI 2. Species, options 2, activation high-vistage side, short The diagnostic function monitors control activation of smooth possible.  Biological 0,1114028 1114028 1114028 (Smooth possible Smooth possib	Cylinder 2 High Pressure Injector High Side Circuit P3153 High Injector High Injector High	- Delective wiring harmass - Delective wiring harmass - Delective injective Delective injective DME - Defective DME	entered when the fault occurs 3 times in sequence with no interruption on a single cylinder.  none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective wiring hamess - Defective injector - Defective DME	- Inspect wiring harness between DME and injector 2, —Us electronic engine power replace injector 2.  - Replace DME only if the fault remains continuously — - CC message: on — - CCE missions warning larny:	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	attricogn usualty only one is detective. When interchanging positions use injectors operated by a DME driver circuit that only activates one injector.
		The fault is encognized when a short circuit to ground is present Potential problems accuracy):	: The diagnostic fault code is					on  - ECE elactionic engine power reduction: on  - CC message: on  - US emissions warning large: on				Injectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic faut codes are always logged for both injectors,
MEVOT12- BN0000 0n110008 1114602 highest cylinder 2 activation to evaluage sides short. The diagnosis function monitors control activation of discussion of the injector's low-voltage side.	P3105 Cylinder 2 High Pressure Injector Low Side Circuit Low Injector Lo	- Defective wiring harness - Defective injector	The degreese base cours 3 sendered when the fault occurs 3 sendered when the fault occurs 3 sendered when the fault occurs 3 sendered with no interruption on a single cylinder none	Voltage condition: - Onboard elect - None	- None NO	none N	Defective wiring harness     Defective injector     Defective DME	Inspect wiring harmess between DME and injector 2, regalace injector 2.      Replace DME only if the fault remains continuously      CC message: on	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	attrough usually only one is defective. When interchanging positions use injectors operated by a DME driver circuit that only activates one injector!
		The fault is recognized when a short circuit to ground is present						- ECE enissions warning later:  - ECE electronic engine power  - Check wiring harness between DME and injectors 3  - Check wiring harness between DME and injectors 3  - CC message: on				
MEVOTT2- Injector, cylorider 3, activation high-voldage side, short The diagnosate function members correct activation of decision grant to grant t	Cylinder 3 High Pressure Injector High Side Circuit P3155 Low Injector High	Potential problems source(s): - Defective winty harmase - Defective winty harmase - Defective include - Defective DME	The diagnosis fault code is entered when the fault occurs 3 times in sequence with no interruption on a single cylinder, none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective wiring harness - Defective injector - Defective DME	Replace injector 4, if the defect remains present sepond by switching the new injector to cylinder 3.     Replace DME cohyl the fault remains present continuously contin	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	tejectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for beli nijectors, saftough usually only one is defective.
		The fault is recognized when a short crout to positive is present						- ECE entisations warning tamp: on - ECE elactoric engine power reauction: on - C C massage: on - C C massage: on				
MEVOT72- BR0000 0x110000 1114660 https://doi.org/10.0001/114660 period to positive or The diagnostic function monitors control-activation of creat to positive the project of the project	Cylinder 3 High Pressure Injector Low Side Circuit P3110 High Injector Lo	Potential problem source(s): - Defective wiring hamess - Defective wiring hamess	This fault is logged in the ECU fault memory if it remains present for longer than 3 sec. none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective wiring harness - Defective injector - Defective DME	US emissions warning lamp: on     US emissions warning lamp: on     US electronic engine power     reauction: on     instrument cluster and in junction box	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown nošice: Engine fault	lejectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, atthough usually only one is delective.
		The fault is recognized when a						- ECE emissions warning large on - ECE electronic engine power reduction on				
MEVCH7.2- Injector, cylinder 3, activation high-valage side, short. The diagnosals function monitors control-activation of	Cylinder 3 High Pressure Injector High Side Circuit	short circuit to positive is present  Potential problem source(s):  - Diffictive winty hamness  - Dedetate injector	The diagnostic fault code is entered when the fault occurs 3 times in sequence with no				- Defective wiring harness - Defective injector	- Check wiring harmesa between DME and injectors 3 and 4 - Regiace injector 4, if the defect remains present respond by switching the new injector to cylinder 3 Regiace DME only if the state tremains present reduction: on		Possible apparent symptoms:	Breakdown notice:	Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are abusys logged for both injectors,
B10000 0.110004 1114684 cross to positive the signature intight-vallage adea.	P3156 High Injector Hij		interruption on a single cylinder. none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective DME	- CU massage: on  - ECE emissions warning lamp: on  - ECE electronic engine power	none	Engine runs roughly and can stall in extreme cases	Engine fault	although usually only one is defective.
MEYOT7.3. Topictor, cylinder 3 activation, two-vertage size, after. The diagnostic function months contras activation of		The fault is recognized when a short circuit to ground is present Potential problem source(s): - Detective winty harmoss	The diagnostic fault code is entered when the fault coors 3				- Defective wiring harness	- Check wiring harness between DME and injectors 3 - CC message: on and 4 - Replace injector 4, if the defect remains present respond by switching the new injector to cylinder 3 US dectorinc engine power		Possible accurent symptoms:	Breakdown notice:	Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic
MECOT2- DISCOSCO 0x110208 1114688 Species, cycleder 2 activation to e-village side, plots 1 The dispractic function mentars control activation of Box (reports) to e-village side, plots 1 The dispractic flow ordings pale.	P3109 Cylinder 3 High Pressure Injector Low Side Circuit Low Injector Lo	- Defective Injector - Side Short to Ground - Defective DME	times in sequence with no interruption on a single cylinder. none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective injector - Defective DME	continuously - CC message: on - ECE emissions warning lamp: on	none	Prosince apparent symptoms: Engine runs roughly and can stall in extreme cases	Engine fault	fault codes are always logged for both injectors, although usually only one is defective.
		The fault is recognized when a short-circuit to ground is present Potential problem source(s):						- Check wiring harmosis between DME and injectors 3 - Check wiring harmosis between DME and injectors 3 - Check wiring harmosis between DME and injectors 3 - Check wiring harmosis between DME and injectors 3 - Check wiring the rew injector be cylinder 1 - Use dectoring injector of the flust inventor present - Replace DME coll of the flust inventor present				Injectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective. When
ME/CVT72- bytester, optioner 4, sectorison high-violage side; short The diagnostic function monitors acents-schraften of BNQ000 01110001. \$115137 inches for princed by the princed in high-violage side.	Cylinder 4 High Pressure Injector High Side Circuit P3158 Low Injector High Injector H	- Defective injector	This fault is logged in the control module's fault marriery immediately, none	Voltage condition: - Onboard efect - None	- None NO	none IN	Defective plug or wiring hamess     Defective injector     Defective DME	respond by switching the new injector to cylinder 3.  - Replace DME only if the full remains present  continuously  continuously  - ECE emissions warning tamp:	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	activity consumpting on the consumption of the cons
		The fault is recognized when a short circuit to positive in present Potential problem source(s):	: The diagnostic fault code is					- ECE elactoric engine power reauction: on - Check wiring harness between DME and injectors 4     - Check wiring harness between DME and injectors 4     - Us emissions warning large: on				Injectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors,
MEVOT7.2. Byccoc cylinder 4, activation tow-votage side, short The diagnostic function monitors control activation of crowd to positive The diagnostic function monitors control activation of the projector's low-votage side.	Cylinder 4 High Pressure Injector Low Side Circuit P3114 High Pressure Injector Low Side Circuit Injector Lo	- Defective wiring harness - Defective injector	entered when the fault occurs 3 times in sequence with no interruption on a single cylinder; none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective wiring harness - Defective injector - Defective DME	and 3, replace injector 4. If fault semains switch the new injector to optioder 3 - Replace DME only if the fault semains continuously - Compassage on - ECE emissions warning lamp:	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	although usually only one is defective. When interchanging positions use injectors operated by a DME driver circuit that only activities one injector!
		The fault is recognized when a short circuit to positive is present						- ECE abactomic engine power reduction on - CC message: on				Injectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that dispnsois:
MEVOT72 bijector, cyleder 4, articultion high-vallage side; short The diagnosis function monitors control activation of circuit to positive the synchris high-vallage side.	Cylinder 4 High Pressure Injector High Side Circuit P3159 High Injector High	Potential problem source(s): - Defective wing harmoss - Defective injectior - Defective injectior - Defective injectior - Defective injectior	The diagnostic fault code is entered when the fault occurs 3 times in sequence with no interruption on a single cylinder. none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective wiring harness - Defective injector - Defective DME	Check wiring harness between DME and injectors 4     and 3, replace injector 4, if start emailes switch the new injector to cylinder 3     Replace DME only if the fault remains continuously	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	fault codes are always logged for both injectors, although usuably only one is defective. When interchanging positions use injectors operated by a DME driver circuit that only activates one injector.
		The fault is recognized when a short-circuit to ground is present						- ECE entissions warning lamp: on - ECE elactronic engine power reauction: on - C C message: on - C C message: on				Injectors 1 and 6, and 3 and 4, are connected to
MEVOTI7-2- BR0000 0x115069 1115144 Popetor - opinder 4 activation to the vallage side; short The disposals function monitors control-activation of count to ground	P3113 Cyfinder 4 High Plessure Injector Low Side Circuit Low Injector Lo	Potential problems source(s): - Defective wiring harmess - Defective wiring harmess - Defective injoined - Short to Ground - Orderdive (biblic	The diagnostic fault code is entered when the fault occurs 3 times in sequence with no interruption on a single cylender. none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective wiring harness - Defective injector - Defective DME	- Check wiring harness between DME and injectors 4 and 3, replace injector 4, if fault immains switch the naw injector to cylinder 3 are missions warning large; on - US electronic engine power reduction; on - Replace DME only if the fault intensities continuously  - Check wiring harness between DME and injectors 4 and 3 a	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective. When interchanging positions use injectors operated by a DME driver circuit that only activates one injectors!
		The fault is recognized when a short circuit to ground is present						- ECE emissions warning lamp: on - ECE elactronic engine power reduction: on				
MEVD17.2- Institution in restaurance and implication register cylinder 5. editedion high-voltage side, short. The diagnosis function morelans correct activation of	Cylinder 5 High Pressure Injector High Side Circuit	Potential problem source(s): - Defective wiring harmess - Defective injuries	The diagnostic fault code is entered immediately when the fault occurs 5 times in sequence with no interruption on a single	Nothern condition: Onleand days Name	N		- Defective wiring harness - Defective injector Defective DME	- Check wiring harness between DME and injectors 3 and 4, replace injector 3, if fault remains switch the reductions on . Use deterrine regine power inductions on .		Possible apparent symptoms:	Breakdown notice:	Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, the control of the control of
BRCDDS 0x150001 1155500 creat to ground the Property light virtigal side.	P3161 Low Hyloclor P6	Stot to Circund . Defective DME  The fault is recognized when a	cylinder. none	Voltage condition: Onboard elect - None			- Defective DME	new injector to cylinder 4	156.00	Engine runs roughly and can stall in extreme cases	Engine fault	aithough usually only one is defective.  N20: Injectors 1 and 2, and 3 and 4, are connected to shared DME drive circuits. This means that diagnostic fault codes are always logged for both lijectors, aithough usually only one is defective.
MEVOIT2. Injustor, cycleder 5, activation, two-voltage sole, short. The diagnostic function monitors control activation of	Cylinder 5 High Pressure Injector Low Side Circuit	The fault is recognized when a short circuit to possible in a short circuit to possible in series?  Potential problem source(s):  - Defective wing harmass  - Defective highest or	The diagnostic fault code is entered when the fault occurs 3 times in sequence with no				Defective wiring harness     Defective injector	reduction: on  - Check wiring hamess between DME and injectors 3 and 4, replace injector 3, if fault remains switch the enviring hamess between DME and injectors 3 - US emissions warning lamp: on		Possible apparent symptoms:	Breakdown notice:	Neb: Injectors 1 and e, and 3 and 4, are connected to shared OME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective. When interchanging positions use injectors operated by a
BIGGOOD 0.1105002 1110504 classes of control to positive the projector's tow-contage and a	P3118 High hjedur Lo	V Side Short to Batt - Defective DME	interruption on a single cylinder, none	-Voltage condition: - Onboard elect - None	- None NO	none N	- Defective DME	- Replace DME only if the fluid remains continuously - CC repealage on - ECE emissions warning lamp: on - ECE emissions warning lamp: on - ECE electronic engine power	none	Engine runs roughly and can stall in extreme cases	Engine fault	DME driver creat that only addivises one reactor
		The fault is secognized when a short cloud to positive is present protein a positive is present Potential problem source(s);  - Delective witing harmesis	I ne diagnosic fault code is entered immediately when the fault occurs 3 times in sequence				- Defective wiring harness	reduction: on - CC message: on - Cter's within harmess between DMF and injectors 3 US emissions warning larger on				Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic
MEVOT72 Description of transfer for the second of the seco	Cylinder 5 High Pressure Injector High Side Circuit Injector High Side Circuit Injector High	- Detective viring namesa - Objective viring namesa - Objective viring namesa - Objective Poption - Objective DME:	with no interruption on a single option of a single none	Voltage condition: - Onboard elect - None	- None NO	none N	- Defective injector - Defective DME	new injector to cylinder 4 reduction: on  - Replace DME only if the fault remains continuously  - CC message: on  - ECE emissions warming lamp: on	none	Possible apparent symptoms: Engine runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, atthough usually only one is defective.
		The fault is recognized when a short circuit to ground is present Potential problem source(s):	. The diagnostic fault code is					ECE electronic engine power reduction.     CC missaage: on     US emissions warning tamp: on				Injectors 1 and 6, and 3 and 4, are connected to shared DME drive circuits. This means that diagnostic fault codes are always logged for both injectors, athrough usually only one is defective. When
MEVO17.2- Injector, cylinder 5, activation: low-vallage side; short The diagnostic function monitors control activation of		Datective wiring harmess     Datective injector	The diagnostic fault code is entered when the fault occurs 3 times in sequence with no	Voltage condition: - Onboard elect			- Defective wiring harness - Defective injector	- Inspect witing harness between DME and injector 5.  - US electronic engine power reduction: on		Possible apparent symptoms:	Breakdown notice:	although usually only one is defective. When interchanging positions use injectors operated by a

						,					
								- ECE emissions warning lamp: on - ECE electronic engine power			
		The fault is recognized when a short circuit to ground is present.						reduction: on - CC message: on			
MEVD17.2- Injector, cylinder 6, activation: high-voltage side; short The diagnostic function monitors control-activation of	Cylinder 6 High Pressure Injector High Side Circuit	Potential problem source(s):  - Defective wiring harmess - Defective wincuts  - Defective injector  times in sequence with no				- Defective wiring harness - Defective injector	Check wiring harness between DME and injectors 1 and 2, replace injector 2, if fault remains switch the new injector to cylinder 1	US emissions warning lamp: on     US electronic engine power     reduction: on	Possible apparent symptom		Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors,
BN00200 0x110601 115640 circuit to ground the injector's high-voltage side. P31	164 Low Injector High Side	Short to Ground - Defective DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	- rechte - rechte	NO Hone	N - Defective DME	- Replace DME only if the fault remains continuously	- CC message: on - ECE emissions warning lamp:	none Engine runs roughly and can stell in ex	reme cases Engine fault	although usually only one is defective.
		The fault is recognized when a short circuit to positive is present.						on - ECE electronic engine power reduction: on - CC message: on			
		Potential problem source(s): The diagnostic fault code is - Defective wiring harness entered when the fault occurs 3				- Defective wiring harness	Check wiring harness between DME and injectors 1 and 2, replace injector 2, if fault remains switch the	- US emissions warning lamp: on - US electronic engine power			Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic
MEVO17.2 bijector , cylinder 8, activation toi-vettage side; short The diagnostic function monitors control-activation of the injector's low-vottage side. P31	Cylinder 6 High Pressure Injector Low Side Circuit 122 High Injector Low Side	- Defective injector times in sequence with no Short to Batt - Defective DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	- None - None	NO none	- Defective injector N - Defective DME	new injector to cylinder 1 Replace DME only if the fault remains continuously	reduction: on - CC message: on	Possible apparent symptom none Engine runs roughly and can stall in ex	s: Breakdown notice: reme cases Engine fault	fault codes are always logged for both injectors, although usually only one is defective.
								- ECE emissions warning lamp: on - ECE electronic engine power			
		The fault is recognized when a short circuit to positive is present.						reduction: on - CC message: on			
MEVD17.2- Injector, cylinder 6, activation: high-voltage side; short The diagnostic function monitors control-activation of	Cylinder 6 High Pressure Injector High Side Circuit	Potential problem source(s): The disgnostic fault code is - Defective wiring harmess entered when the fault occurs 3 - Defective sylector times in sequence with no				- Defective wiring harness - Defective injector	Check wiring harness between DME and injectors 1 and 2, replace injector 2, if fault remains switch the new injector to cylinder 1	US emissions warning lamp: on     US electronic engine power     reduction: on	Possible apparent symptom	s: Breakdown notice:	Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors,
BND020 0x110864 1115652 circuit to positive the injector's high-vettage side. P31	165 High Injector High Side	Short to Batt - Defective DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	a - recrea	INC.	N - Defective DME	- Replace DME only if the fault remains continuously	- CC message: on - ECE emissions warning lamp:	none Engine runs roughly and can stall in ex	reme cases Engine fault	although usually only one is defective.
		The fault is recognized when a short circuit to ground is present.						- ECE electronic engine power reduction: on - CC message: on			Injectors 1 and 6, and 3 and 4, are connected to
		Potential problem source(s):  - Defective wiring harness entered when the fault occurs 3				- Defective wiring harness	Check wiring harness between DME and injectors 1     and 6     Replace injector 6, if the defect remains present	- US emissions warning lamp: on - US electronic engine power			shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective. When
MEVOT7.2- BNZ020 for 116608 1115656 ecc. vylinder 6, activation: low-voltage side; short BNZ020 for 116608 1115656 ecc. vylinder 6, activation ground The diagnostic function monitors control-activation of the injector's low-voltage side. P31	121 Cylinder 6 High Pressure Injector Low Side Circuit Low Injector Low Side	- Defective injector firms in sequence with no Short to Ground - Defective DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	- None - None	NO none	- Defective injector N - Defective DME	respond by switching the new injector to cylinder 1 - Replace DME only if the fault remains continuously	reduction: on - CC message: on	Possible apparent symptom none Engine runs roughly and can stall in ex		interchanging positions use injectors operated by a DME driver circuit that only activates one injector!
		The fault is recognized when a						- ECE emissions warning lamp: on - ECE electronic engine power			
		The fault is recognized when a short circuit between the high and low-vottage sides is present.					- Check wiring harness between DME and injectors 1	reduction: on - CC message: on			
MEVD172- BN000 0x11100 1118240 hijector, cylinder 1, high-voltage side, activation coil- The diagnostic function monitors control-activation of the inicident's high-voltage side. P31	Cylinder 1 High Pressure Injector High Side Stronted to	Potential problem source(s): - Defective wiring harmiss entered when the fault occurs 3 - Defective injector firms in sequence with no				- Defective wiring harness - Defective injector	and 2, replace injector 1, if fault remains switch the new injector to cylinder 2 - Replace the DME control module only if the fault is	US emissions warning lamp: on     US electronic engine power     reduction: on	Possible apparent symptom	s: Breakdown notice:	Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors,
BNQ020 0x111000 118240 winding short circuit the injector's high-valtage side. P31	148 Coll Injector High Side	Shorted Coil - Defective DME interruption on a single cylinder.	none Voltage condition: - Ontoard sec	- None	NO none	N - Defective DME	still present continuously.	- CC message: on - ECE emissions warning lamp:	none Engine runs roughly and can stall in ex	reme cases Engine fault	although usually only one is defective.
		The fault is recognized when a short circuit between the high and low-vottage disks is present.						on - ECE electronic engine power reduction: on - CC message: on			Injectors 1 and 6, and 3 and 4, are connected to
		Potential problem source(s): The diagnostic fault code is - Defective wiring harness entered when the fault occurs 3				- Defective wiring harness	- Inspect wiring harness between DME and injector 2,	- US emissions warning lamp: on - US electronic engine power			shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective. When
MEVO17.2 bijector, cylinder 2, high-voltage side, activation: coil - The diagnosis function monitors control-activation of bis injector's high-voltage side. P31	Cylinder 2 High Pressure Injector High Side Shorted to Injector High Side Injector High Side	Defective injector times in sequence with no Shorted Coil Unifer DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	- None - None	NO none	- Defective injector N - Defective DME	replace injector 2 Replace DME only if the fault remains continuously	reduction: on - CC message: on	Possible apparent symptom none Engine runs roughly and can stall in ex	s: Breakdown notice: reme cases Engine fault	interchanging positions use injectors operated by a DME driver circuit that only activates one injector!
		The fault is recognized when a						- ECE emissions warning lamp: on - ECE electronic engine power			
		short circuit between the high and tow-voltage sides is present.					Check wiring harness between DME and injectors 3 and 4     Replace injector 4, if the defect remains present	reduction: on - CC message: on			
MEVDIT2- Injector, cylinder 3, high-voltage side, activation coil - The diagnostic function monitors control-activation of	Oylinder 3 High Pressure Injector High Side Shorted to Coll Injector High Side Injector High Side	Potential problem source(s): The diagnosis fault code is  - Defective wingh namess  - Defective injector  Shorted Coil  - Defective Wingctor  Shorted Toil				- Defective wiring harmess - Defective injector	respond by switching the new injector to cylinder 3.  - Replace DME only if the fault remains present	US emissions warning lamp: on     US electronic engine power     reduction: on	Possible apparent symptom	s: Breakdown notice:	Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective.
BN2020 0x111022 1118242 winding short circuit the injector's high-voltage side. P31	154 Coll Injector High Side	Shorted Coil - Defective DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	- NOTE	INCO INCOM	N - Defective DME	continuously	- CC message: on - ECE emissions warning lamp:	none Engine runs roughly and can stall in ex	reme cases Engine fault	actions display only one is devictive.
		The fault is recognized when a short circuit between the high and low-voltage dides is present.						- ECE electronic engine power reduction: on - CC massage: on			Injectors 1 and 6, and 3 and 4, are connected to
		Potential problem source(s): - Defective wiring harness entered when the fault occurs 3				- Defective wiring harness	Check wiring harness between DME and injectors 4 and 3, replace injector 4, if fault remains switch the	- US emissions warning lamp: on - US electronic engine power			shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective. When
MEVD17.2- Bigloctor, cylinder 4, high-voltage side, activation: coil Biologo 0x111023 1118245 winding short circuit The diagnostic function monitors control activation of the highest high-voltage side. P31	Cylinder 4 High Pressure Injector High Side Shorted to 157 Coil Injector High Side 157 Injector High Side	- Defective injector firmes in sequence with no Shorted Coil - Defective DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	- None - None	NO none	- Defective injector N - Defective DME	new injector to cylinder 3 - Replace DME only if the fault remains continuously	reduction: on - CC message: on	Possible apparent symptom none Engine runs roughly and can stall in ex		interchanging positions use injectors operated by a DME driver circuit that only activates one injector!
		The fault is recognized when a						- ECE emissions warning lamp: on - ECE electronic engine power			
		short circuit between the high and low-voltage sides is present.						reduction: on - CC message: on			
MEVD17.2- Injector, cylinder 5, high-voltage side, activation: coil - The diagnostic function monitors control-activation of	Cylinder 5 High Pressure Injector High Side Shorted to	Potential problem source(s): The disgnostic fault code is - Defective wining harmess enterted when the fault occurs 3 - Defective injector times in sequence with no				- Defective wiring harmess - Defective injector	Check wiring harness between DME and injectors 3 and 4, replace injector 3, if fault remains switch the new injector to cylinder 4	US emissions warning lamp: on     US electronic engine power     reduction: on	Possible apparent symptom		Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors,
BNZCCCO 0x111024 1118244 winding short circuit the rejector's high-voltage side. P31	160 Coll Injector High Side	Shorted Coil - Defective DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	- None	NO none	N Defective DME	- Replace DME only if the fault remains continuously	- CC message: on - ECE emissions warning lamp:	none Engine runs roughly and can stall in ex	reme cases Engine fault	although usually only one is defective.
		The fault is recognized when a short circuit between the high and low-voltage sides is present.						on - ECE electronic engine power reduction: on - CC message: on			
		Potential problems our profess:  - Defective wiring harneries  - Defective injector firms in sequence with no				- Defective wiring harness	Check wiring harness between DME and injectors 1 and 2, replace injector 2, if fault remains switch the new injector to cylinder 1.	- US emissions warning lamp: on - US electronic engine power			Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic
ME/O17.2- BNZ020 0x111025 1118245 hijet-voltage side, activation: coil- minding short creuit  The diagnostic function monitors control-activation of  the injector's high-voltage side. P31	Cylinder 6 High Pressure Injector High Side Shorted to Coll Injector High Side Injector High Side Injector High Side	- Defective injector times in sequence with no - Defective DME interruption on a single cylinder.	none Voltage condition: - Onboard elec	- None - None	NO none	- Defective injector N - Defective DME	new injector to cylinder 1 Replace DME only if the fault remains continuously	reduction: on - CC message: on	Possible apparent symptom none Engine runs roughly and can stall in ex	s: Breakdown notice: reme cases Engine fault	fault codes are always logged for both injectors, although usually only one is defective.
								ECE emissions warning lamp:     on     ECE electronic engine power			
		The fault is recognized when the current rises too islandy, Understand problems source(s). If the fault occurs on the same Potential problems source(s).					- Check wiring harness between DME and injectors 1	reduction: on - CC message: on			
MEVD17.2- Bigictor, cylinder 1, lose-voltage side, activation: The diagnostic function monitors control-activation of the injector's line-voltage side. P31  BY (2017) 2- BY (	Cylinder 1 High Pressure Injector Low Side Booster 103 Time Ernor Injector Low Side	Potential proteins source(s):  - Defective writing harmass un interrupted sequence, glus the location with the proteins of the	Terminal 15 Voltage condition: - Onboard elec	l None	NO	- Defective wiring harness - Defective injector - Defective DME	and 2, replace injector 1, if fault remains switch the new injector to cylinder 2 - Replace the DME control module only if the fault is still present continuously.	US emissions warning lamp: off     US electronic engine power     reduction: off     Commencer on	Possible apparent symptom		Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, aithough usually only one is defective.
BN2020 0x111030 1118268 toodate time window the injector's low-voltage side. P31	103 Time Error Injector Low Side	Socialist researches Lines - " - Centraliste Conta. Congruence main Conta de Aggina.	Vesige Constant - Orbital Sec.	11000	The state of the s	The state of the s	are present contracting.	- CC message: on  - ECE emissions warning lamp:	none Engine runs roughly	Engine fault	analy datasy on the advancers.
		The fault is recognized when the current rises too slowly.						- ECE electronic engine power reduction: on - CC massage: on			Injectors 1 and 6, and 3 and 4, are connected to
		Potential problem source(s):  - Defective wiring harness - Defective injector  disbource fire fire in an accurate of 0.5 sec. the				- Defective wiring harness	Check wiring harness between DME and injectors 1 and 6, replace injector 6, if fault remains switch the new injector to cylinder 1.	- US emissions warning lamp; off			shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective. When
ME/O17.2- BNZ0020 0x111031 118257 booten time window The diagnostic function monitors control-activation of backloss time window Part Part Part Part Part Part Part Part	Cylinder 2 High Pressure Injector Low Side Booster 107 Time Error Injector Low Side	- Defective injector debounce time of 0.5 sec., the Booster Time Error - Defective DME diagnostic fault code is logged.	Terminal 15 Voltage condition: - Onboard elec	1 - None - None	NO none	- Defective injector N - Defective DME	new injector to cylinder 1 - Replace DME only if the fault remains continuously	- US electronic engine power reduction: off  - CC message: on	Possible apparent symptom none Engine runs roughly	Breakdown notice: Engine fault	interchanging positions use injectors operated by a DME driver circuit that only activates one injector!
								ECE emissions warning lamp:     on     ECE electronic engine power			
		The fault is recognized when the current rises too slowly.  If the fault occurs on the same					Check wiring harness between DME and injectors 3 and 4     Replace injector 4, if the defect remains present	reduction: on - CC message: on			
MEVD17.2- BN2020 0c:111002 1116258 Injector, cylinder 3, low-voltage side, activation: The diagnostic function monitors control-activation of the injector's low-voltage side. P31	Cylinder 5 High Pressure Injector Low Side Booster	Potential problem source(s):  - Defective wining harmes = saniterrupted sequence, plus the - Defective injector = debource time of 0.5 sec., the	Terminal 15 Voltage condition: - Onboard elec			- Defective wiring harmess - Defective injector	respond by switching the new injector to cylinder 3.  - Replace DME only if the fault remains present	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptom		Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors,
BN2020 04111032 1118288 toodar lime window the injector's low-voltage side. P31	1111 Time Error Injector Low Side	Bocater Time Error - Defective OME diagnostic fault code is logged.	Termina 15 Votage continon: - Ontoire see	- rechte	NO Hone	N - Designe use	continuously	- CC message: on  - ECE emissions warning lamp: on	none Engine runs roughly	Engine fault	although usually only one is defective.
		The fault is recognized when the current rises too slowly.					- Check wiring harness between DME and injectors 3	- ECE electronic engine power reduction: on - CC message: on			
		Bottorfiel continue course(s): (If the fault occurs on the same				- Defective wiring harness	and 4	- US emissions warning lamp; off			Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic
MEVO17.2- BN2020 0x111033 1118259 bootster time window The diagnostic function monitors control-activation of bootster time window P3.  P3.  P3.  P3.  P3.  P3.  P3.  P3.	Cylinder 4 High Pressure Injector Low Side Booster Time Error Injector Low Side	Defective widing harmass - Defective widing harmass - Defective injective of control of the cont	Terminal 15 Voltage condition: - Onboard elec	- None - None	NO none	- Defective wiring harness - Defective injector N - Defective DME	respond by switching the new injector to cylinder 3.  - Replace DME only if the fault remains present continuously	- US electronic engine power reduction: off  - CC message: on	Possible apparent symptom none Engine runs roughly	: Breakdown notice: Engine fault	shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective.
								- ECE emissions warning lamp: on - ECE electronic engine power			
		The fault is recognized when the current rises too slowly.  If the fault occurs on the same					-	reduction: on - CC message: on			
MEV017.2   Injector, logical for the vision of the diagnosis function monitors control-activation of the injector is low-votage side. P31	Cylinder 5 High Pressure Injector Low Side Booster	Potential problem source(s):  - Defective wing-names - Defective injector	Terminal 15	None	NO anno	- Defective wiring harness - Defective injector - Defective DMF	Check wiring harness between DME and injectors 3 and 4, replace injector 3, if fault remains switch the new injector to cylinder 4.      Renlace DME new if the fault remains continuously.	- US emissions warning lamp: off - US electronic engine power reduction: off - CC message: on	Possible apparent symptom	a: Breakdown notice:	Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually not one is defection.
BN0000 0x111034 1118280 booster fine window the injector's low-voltage side. P31	1159 Time Error Injector Low Side	Booster Time Error - Defective DME diagnostic fault code is logged.	Terminal 15 Voltage condition: - Onboard elec	PACIN	TECHNI	N - Defective DME	- Replace DME only if the fault remains continuously	- CC message: on  - ECE emissions warning lamp:	none Engine runs roughly	Engine fault	although usually only one is defective.
		The fault is recognized when the current rises too slowly:						on - ECE electronic engine power reduction: on - CC message: on			
		Potential problem source(s): cylinder 3 times in an				- Defective wiring harnes	Check wiring harness between DME and injectors 1 and 2, replace injector 2, if fault remains switch the	- US emissions warning lamp: off			Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic
MEVD17.2. bijector, cylinder é, los-voltage side, activation: The diagnostic function monitors control-activation of BN0000 On111005 118281 booster fame window Pair injector's los-voltage side. P31	Cylinder 6 High Pleasure Injector Low Side Booster 123 Time Error Injector Low Side	- Defective wintig harmess - Defective wintig harmess - Defective injected dedourned sine of 0.5 sec., the Booster Time Error . Defective DME diagnostic fault code is logged.	Terminal 15 Voltage condition: - Onboard elec	- None - None	NO none	- Defective wiring harness - Defective injector N - Defective DME	and 2, replace injector 2, if fault remains switch the new injector to cylinder 1 - Replace DME only if the fault remains continuously	reduction: off - CC message: on	Possible apparent symptom none Engine runs roughly	s: Breakdown notice: Engine fault	shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually only one is defective.
								- ECE emissions warning lamp: on - ECE electronic engine power			
		The fault is recognized when an open wire is present.					- Check wiring harness between DME and injectors 1	reduction: on - CC message: on			
MEVO17.2- BN0020 0x111040 1118272 Injector, cylinder 1, low-voltage side, activation: open disquiractic function monitors control-activation of the injector's low-voltage side. P31	Cylinder 1 High Pressure Injector Low Side Circuit	Potential problem source(s): The diagnostic fault code is - Defective wing harmess - Defective impetor - Defective impetor - Defective impetor - Defective impetor	Terminal 15	None None	NO Inno	- Defective wiring harness - Defective injector - Defective DMF	and 2, replace injector 1, if fault remains switch the new injector to cylinder 2 - Replace the DME control module only if the fault is still researt continuously	- US emissions warning lamp: on - US electronic engine power reduction: on _CC message on	Possible apparent symptom		Injectors 1 and 2, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors, although usually not one is defet the
BN00200 0x111040 1116272 gircult the injector's low-voltage side. P31	100 Opan Hjector Low Side	Open Circuit - Defective DME interruption on a single cylinder,	vullage condition: - Ontopard elec	PAGINE	TROPIN	- Desictive DME	still present continuously.	- CC message: on - ECE emissions warning lamp:	none Engine runs roughly and can stell in ex	reme cases Engine fault	although usually only one is defective.
		The fault is recognized when an open wire is present.						on - ECE electronic engine power reduction: on - CC message: on			Injectors 1 and 6, and 3 and 4, are connected to
		Potential problem sourcers): The diagnostic fault code is				- Defective wiring harness	- Inspect wiring harness between DME and injector 2,	- US emissions warning lamp: on - US electronic engine power			shared DME driver circuits. This means that diagnostic fault nodes are always innert for both injectors.
ME(01712- BN0000 0x111041 1118273 Vijedor, cylinder 2, lose-voltage side, activation: open dissurt in the singlester's lose-voltage side. P31	Cylinder 2 High Pressure Injector Low Side Circuit Injector Low Side Open Injector Low Side	Detective wiring harmses     Detective wiring harmses     Detective injective from several resources of the cours of Open Circuit     Open Circuit     Open Circuit     Open Circuit     Open Circuit     Open Circuit	Terminal 15 Voltage condition: - Onboard elec	- None - None	NO none	- Defective injector N - Defective DME	replace injector 2 Replace DME only if the fault remains continuously	reduction: on - CC message: on	Possible apparent symptom none Engine runs roughly and can stall in ex	s: Breakdown notice: reme cases Engine fault	although usually only one is defective. When interchanging positions use injectors operated by a DME driver circuit that only activates one injector!
								ECE emissions warming lamp:     on     ECE electronic engine power     reduction: on			
		The faul is recognized when an open wire is present.  Potential erobitism source/sit: The disponable fault code is					Check wiring harness between DME and injectors 3 and 4     Replace injector 4, if the defect remains present	reduction: on - CC message: on - US emissions warning lamp: on			Injectors 1 and 2, and 3 and 4, are connected to
MEVD17.2- Injector, cylinder 3, low-voltage side, activation: open The diagnostic function monitors control-activation of	Cylinder 3 High Pressure Injector Low Side Circuit	Potential proclims source(s):  - Defective wing harmacis  - Defective injector  Ernes in sequence with no	Voltage condition: - Onlywood oler			- Defective wiring harness - Defective injector	respond by switching the new injector to cylinder 3.  - Replace DME only if the fault remains present	- US electronic engine power reduction: on	Possible apparent symptom	s: Breakdown notice:	shared DME driver circuits. This means that diagnostic fault codes are always logged for both injectors,

										- ECE enissions warning - ECE electronic ensiste or				
MEV017.2 . BR0000 0411160 1118275 great 4, how-voltage side, activation open great	The diagnostic hundron monitors control-activation of  the reports' tow-cologo adds. P312	Cylinder 4 High Pressure Injector Low Side Circuit Open Aljector Low Side Open Aljector Low Side	The fault is recognized when an open wire is present.  Potential problem source(p): - Delictive wiring harmess: - Delictive wiring harmess: - Delictive wiring harmess: - Delictive wiring harmess: - Open Circuit: - Delictive Delictive - Open Circuit: - Delictive World:	The diagnostic tault code is entered when the fault cocurs 3 films in sequence with no retenution on a night cylinder, Terminal 15	Voltage condition: - Onboard elect	- None - None	NO onne	N	- Defective wiring harness - Defective injector - Defective DME	- Chack wiring harmosa behvern DME and Injectors 4 and 3, replace injector 4, if fault remains switch the man injector 4 and 5, replace injector 4, if fault remains switch the man injector to rejector 5.  - Replace DME coly if the fault membine confinously  - Comessage: on - Comessage	pc on	Possible apparent symptoms: ingline runs roughly and can stall in extreme cases	Breakdown notice: Engine fault	lejectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic start codes are always logged for both lejectors, although seasily only one is obtached. When letercharging positions use injectors operated by a DME driver circuit that only advises one injectors of the circuit that only advises one injectors.
MEVOT7.2 Egyptor, cylinder 5, low-ordlage aliat, activation open closed on the college aliat, activation open c	The diagnosic function monitors control activation of the injection time college side. P3116	Cylinder 5 High Pressure Injector Law Side Circuit Open Sjector Low Side	The fault is recognized when on open was a present.  Perfect of profession sources).  - Control of the control	The diagnosis fault code is errored when the fault occurs 3 fines in sequence with no transportion a single printer. Terminal 15	Voltage condition: - Criboard elect	- None - None	NO none	N	Defective wiring hamess     Defective injector     Obstective DME	- ECE entinations surange - ECE entinations surange - ECE electronic engine pr - Reaction - CO - Research - Register (Section - CO - Register (Section - CO - Research - Register (Section - CO - Register (Sec	wer pron	Possible apparent symptoms: rigine runs roughly and can stall in externe cases	Breakdown notice: Engine fault	Injectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostic faut codes are always togged for both injectors, attructly usually only one is disclorule. When interchanging position use injectors operated by a DME driver circuit that only exclusives one injectors.
			The fault is recognized when an open wire is present.  Peterial profess score(s);  -Defice's with particle.	The diagnostic fault code is entered when the fault cocurs 3					- Defactive wiring hamess	- ECE enissions warning or - ECE electronic engine production or - ECE electronic engine production or - Check wiring harness between DME and rejectors 1 - Check wiring harness between DME and rejectors 1 - Check wiring harness between DME and rejectors 1 - Us enissions warning in the check of the chec	omp:			Injectors 1 and 6, and 3 and 4, are connected to shared DME driver circuits. This means that diagnostics fault codes are always togged for bith rigicors, attrough usually only one is oblicults. When interchanging positions use injectors counted by a
NES/0172 0-111045 1119277   Signitor - Opinidor 6, los-voltage ada, activation open dispata.	The dissipancial function monthers contributed with of the property in the contributed of the important law contage plate.  P3120	Cylinder if High Pressum Injector Low Side Circuit  Open I sjector Low Side Circuit  Injector Low Side	- Defective Piperor Open Circuit - Otherchie DEE  The Start is in cooprised when communications with the other circuit that is in cooprised when communications with the other circuit that articles the spiedor.	times in sequence with no interruption on a single cylinder. Terminal 15	Voltage condition: - Onboard elect	None -None	NO nome	N	- Defective injector - Defective DME	Negazio Unite: only if the start remains continuously     C.C. missage: on     ECE emissions warning on     ECE electronic engine p     Ecc electronic engine p     C.C. message: on     C.C. message: on	omp:	Possible apparent symptoms: ngine nune roughly and can stell in extreme cases	Breakdown rodice: Engine fault	interchanging positions use injectors operated by a DME driver circuit that only activates one injector!
MEY017.2- BN0000 0c111110 1119480 OME, internal fault, MEEV output-stage module 1: SPI communication faulty	The diagnosis function monitors the driver creat responsible for activating the injector.  P16AS	Correl Module Multiple Output Stage SP-Buse Communication Error ECM	break down.  Potential problem source(s):  Multiple Output Stage - DME defective	This fault is logged in the control models's fault memory immediately, none	Voltage condition: - Onboard elect	- None - None	NO none	N	- DME defective	Us missions warring lat     Us missions warring lat     Us deciration ergoser     Continuously or if the fault frequency is greater than 3     CC message: on     CE emissions warring     On	rone rone	Possible apparent symptoms:  - Engine runs poorty with power loss  - Breakdown in extreme cases	Breakdown notice: - none	- none
MEVGT7.2. BR0000 0x111111 113441 OME, rearnal faul, 14CRV output datape module 2:8P1 communication faulty.	The diagnosis function monitors the dinner circuit exponentials for activating the injection.  P16AG	Control Modula Mulfish Cuput Blays SR-Bus Connectication Error ECM	The Bast is recognized when communication as the definition of the	This fault is logged in the control modula's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect	- None - None	NO none	N	- DAVE defective	CON y replace the DME if the fault remains present continuously or if the fault remains present continuously or if the fault remains present continuously or if the fault frequency is greater than 3	p: on wer cone	Possible apparent symptoms: - Engine runs poorly with power loss - Bepakdown in extreme cases	Breakdown nośce: - none	- none
MEVOT72 . B0000 0x111112 1119402 communication implicable 1: SP1 communication implicable	The diagnosis function monitors the elliver critical responsible for activating the impacts.  P16AG	Control Modula Multiple Culput Stage SPI-Busi Communication Error EDM	The faul is exceptized when communications with the other communications with the other crowt that activates the rejector but act	This Sout is logged in the control models to South monroly inclined addity.	Voltage condition: - Onboard elect	- None - None	NO none	N	- DIAIE defective	- ECE envisions warming on - ECE envisions warming on - ECE envisions from the - Comessage on - COMESSAGE OF - COMESSAGE ON -	p: cna weer	Possible apparent symptoms:  - Engine runs poorly with power loss - Braisdomin in extreme cases	Breakdown nośce: - none	- none
MS/GTZ- DME: Internal fault HSDY actor-dation model 2, SP1		Control Module Multiple Quant Stage SP-Bus	The fault is exceptional when communications with the driver circuit that actives the injection to the driver present course. Professional societies assertism.	This soult is logged in the control module's fault memory						- ECE enrisations warning - ECE describer registe p - CC message: on - Use message: on - Use message warning to the fault mension occurrent - Other received TN DME. If the fault mension occurrent	wer p: on	Possible apparent symptoms:	Breakdown nośce:	
	The algorization function three devices cross expected for the expected for the scheduling the rejector.  P1646	Communication Error ECM	Multiple Output Stage  The Start is exceptional solutions  The Start is exceptional shall come communications with this other communication with this other count that achieves the stage of the count o	modulis fact mimory symmetric for the symmetric forms of the symmetr	Voltage condition: - Onboard elect	None -None	NO none	N	- DME defective	- Cost yeapas the Libit of the tast remains present continuously of the fault frequency is greater than 3 ECC entisions series on - ECC entisions series on - ECC entisions series on - ECC extractions control on - ECC extractions warriers lies - ECC extractions control on - ECC extractions control on - ECC extractions warriers lies - ECC extractions control on - ECC extractions control on - ECC extractions control on - ECC extractions warriers lies - ECC extractions control on - ECC extraction - ECC	war	Engine runs poorty with power loss     Breakdown in extreme cases	Brisbown rodge: - rione	- none
MEVO17.2. BN0000 Oc111114 1119484 Communication, signal error  Communication, signal error	The diagnostic function monitors the driver circuit responsible for activating the injector. P16AS	Coreol Module Multiple Culput Stage SP-Bus  Communication Error  ECM	Potential problems source(s):  Multiple Output Stage - DME defective	This fault is logged in the control modele's fault memory immediately, none	Voltage condition: - Onboard elect	- None - None	NO none	N	- DME defective	Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3     CC message, on     ECE emissions warning	none none	Possible apparent symptoms: - Engine runs poorty with power loss - Breakdown in extreme cases	Breakdown nosce: - none	- none
MEV017.2 DNCE viernal fault, HDEV odps-4 stage module 2 SPI 800000 (411115) 1118485 communication, significant	The diagnosis function monitors the other critical responsible for activating the injection.	Control Module Multiple Quiped Stage SPI-Base Communication Stare EDM	The fault is recognized when communications with the driver circum that devices the injector tha	This fault is logged in the control models's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect	- None - None	NO none	N	- DNE defective	on .  - ECE electronic engine p metaction con .  - Confusiops on .  - Confusiops on .  - Confusiops on the DME if the fault remains present continuously or if the fault frequency is greater than 3.	p: on	Possible apparent symptoms:  - Engine runs poorly with power loss  - Breakdown in extreme cases	Breakdown nośce: - none	- none
	The discrease function morellors the wire for the		The diagnostic faut code is toget when virtually in present at the SIME report (E.   J.M.) attouch the certain at the SIME report (E.   J.M.) attouch the certain seamed in the certain seamed in the certain seamed in the seamed						- Defect at plug or in wiring harness between relay an	- ECE emissions warning     - ECE selectronic engine     - ECE selectronic engine     - Countries     - C	war			
MEXO11.5 BX0000 0x110005 1126437 Injection systems, voltage augsly: Short circuit to 8+	injector vidizge supply from the control-sprokedom relay for gration and specialism for short circulas to passifice.		Rabaj odective - Defective DME The diagnostic fault code is logged when no voltage is present at the DME input (E. U. M.) at DMA the CMA	module's fault memory immediately. none	Voltage condition: - Onboard elect	None -8 sec. after deactivation of overto	NO U	N	DME - Relay defective - Defective DME	OME - US electronic eignine pi - Replace relay roduction: off - Replace DME - CC message: non - ECE emissions warning off	imp:	Possible apparent symptoms: None	Breakdown notice: None	None
MCO017 2- (RC000, 0x113006, 1136436, Injection systems, voltage supply, Short closed to each	The diagnostic function moralises the where for the injection voltage supply from the everlade prinction really the light on the everlade prinction really the light on set injection for about creates to the light of the li		switched on.  Potential profiles outside 50 per   - Control of page of waining  harries between relay and Child   - Control of page of waining  harries between relay and Child   - Control of page of the child   - Control of the child   - Control of the child   - The disapposed chart can do so in   The disapposed chart can do so in   -	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect	- None - None	NO none	N	- Fuse defective - Defect at plug or in wining harness between relay are DME - Relay defective - Defective DME	- ISCE electronic engine on section of C. Check bits  - Check plug and wiring humans between relay and DEE - Replace valley - Replace Valley - Replace DME - C. Check plug and wiring humans between relay and U.S electronic engine and C. Check plug and Valley - C. C	go: celf	Possible apparent symptoms: Non-starter	Breakdown notice: None	none
MEVOT2-	The diagnosis function movitors the wire for the injustmental page page from the overload-prostation		lagged when no vollage is present after DAE right.  (E. J. No.) should print DAE right.  (E. J. No.) should print DAE right.  Polated all problems Source(s).  -Free defection.  Defect all project in project in the print of the print DAE right.  Defect all project in the DAE right.	module's fault memory					- Fuse defective - Defect at plug or in wiring harnese between relay ans DME - Relay defective	- ECE entisions surrising of entisions of entisions of entisions of entisions of entisions of entisions of entitions	wer pc off	Possible apparent symptoms:	Breakdown nośce:	
BR0000	relay for ignition and injection for an open circuit.  P0171  P2177  P0172	System Too Lean (Bark 1) Foat System  System Too Lean (Of Ide (Bark 1) Full System  System Too Roth (Bark 1) Full System  System Too Roth (Bark 1) Full System	- Defective DME  All Load Ranges  Off lide  All Load Ranges	immediately. Terminal 15	Voltage condition: - Onboard elect	None - None	NO U	N	- Defective DME	- Replace DME - CC message: ron-	none	Non-starter	None	None
MCOTT 3 - 011000 114602 114602 8 - 1000 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 114602 1146	P2178 P0171 P000 P072	System Too Rich O'T lole (Blank 1) Faul System Stock (System Land System Stock (System Land System Stock (System Land System Stock (Blank 1) Faul System Stock (Blank 1) F	Off Ma All Load Ranges Crosed Loop Faid Control All Load Ranges											
BECOTIZ- DECISION 0.115402 1147009.	P304E	Falso Balow Full Supply	Closed Loop Fael Control  The Sault is recognized when the limit control of the origin sealers are control on the origins sealer are control on the origins sealer are cased as lated of flagisties 4(4).  Protectial problem source(s)							- If faults related to minimum control are present repair - Conduct system state for ongen sensors in wrong on - CCE emissions warning on				
MEVGT12 .  Organ serior before cate/pic converter, five minuse BRG000 .0118001 .114417 Control sehases gas after cate/pic converter to rich.	The diagnostic function monitors the corpgen sensor beliefs the catalytic convenient to determine whether it displays a consistent deviation. P2007	Post Catalyst Fast Trim System Too Rich (Bank 1) Fast System	Defective wiring humans     Lakin in whost system on     angle adds of callaftic convention     constant defection     constant defective     convent defective     convent defective     convent defective     convent	The diagnostic fault code is logged when the fault remains present for longer than 10 min. some	Voltage condition: - Onboard elect	- Engine warmed to normal temper - None	NO none	N	- Defective wiring harness - Leak in exhaust system on engine-side of catalytic converter - Oxygen sensor before catalytic converter defective Oxygen sensor behind catalytic converter defective Defective DME	multial positions — Check muffler unt before expens earnor behind — Check wiffer unt before expens earnor and — Check wiffer plannises DME  - Replace pre-cashyd oxygen sensor — Replace pre-shallyd oxygen sensor — Replace oxygen sensor behind cathytic convierte — US electronic engine pre- reduction of reduction of reduction of reduction of	pc of Diagnosis depends on the firm controller adaptation. This is activated only under externely constant steap- state operating considers. This means that substantial periods can elapse before fault detection.	Possible apparent symptoms:  -ML tamp lights up after 2nd driving cycle  - Higher chastast enrissions  - Higher faul consumption  - Surge	Bitsakdown notice: Continued driving is possible, but because the caryot sensor is not ready for closed-loop control. convenience of exhaust gases in the catalytic conventer will be senfously impaired.	pan ision 3 None
	The diagnostic function monothers the cargent samour		The fault is recognized when the time control on the singuity search time control of the singuity sear						Defective wiring harness     Leak in exhaust system on engine side of catalytic conventor     Conventor     Oregion serico bellotivo catalytic conventor defective	DME 119 emissions wasning for	wer	Possible apparent symptoms:  -IMI. Lamp lights up their 2nd riving cycle -1-lighter relaxate densistence	Breakfown notice: Continued driving is possible, but because the ony sensor in not ready for closed-sop control, conversion of enhance passes in the costlytic conversion.	pen seen
NECOT7 2. Oct 18602 1146418 context enhanced group after cetally inconsister, fire minutes allogoupes and the cetally inconsister from the cetalling fr	belied the catalytic consider to determine whether it dispersy a considered to determine the property as considered to determine the property as the catalytic determines the minduse.  The dispendic function monitors the minduse	Past Colayes Feet Tim System Too Lean (Barn. 1)  Feet System  Feet Time System  Feet Time, Injector Aging Long-Term Adaptation Too	Post Calland Dec Commiss deficies to Challenge Dec Calland Dec Challenge	The disposition factors is togged when the fact misman ground for forger than 10 mms.  Annual factors for forger than 10 mms.  None, adaptation is understand every 500 km in 40 mms.  The factor for first factor for first factor for the factor for some properties of the control for the factor for some properties for first sound for some properties for first factor for first factor for the factor for some properties for first factor factor for first factor	Voltage condition: - Onboard elect	Engine asserted to normal tampers. None	000 00000 00000 000000 000000 000000 0000	N NADAP	Oxygan seasor behind catalytic conventer defective     Defective DME     Control DME     Control DME     Control DME     Control DME     Control DME	- Replace OME - Replace DME - Commenter - Replace DME - Commenter	wer pc off	- Higher fail consumption  - Burge  - Burge  Possible apparent symptoms:	of exhaust gases in the catalytic conventer will be seriously impaired.  Breakdown notice:  None, engine confirmuss running without negative.	None

				Data adoption/matching with Summary Taller, as indicated											
				PP ST Masa-inform rate > 20 kg/h Engine speed > 1600 rpm  Forterial problem source(s): - Diagnostic fault code togged owing to detective: - Crugers service (res-catalyst):											
				- HFMI - Injection nazzie - Intake-manifold pressuse sensor - Leaks in and around induction system (positive carakcase ventilation, ol.c., op. ol. opisch, tank EVAP vent link, p. sake booster)					Diagnostic fault code logged owing to defective:     Oxygen senser (pre-catalyst)     FFM     Injection nozzie     Instake-manifold pressure sensor     Leaks in and around induction system (positive)		- ECE emissions warning lamp: on				
MEVD17.2- BN2020 0x118E01	116466 Militure adaptation, etter monere too isaan. The diagnoseic function monitors the sinf-	out minutes P2167 System To Lean at Mile Stant 1)	Fuel System	Lask in onhaust system (enhaust- siske (yinder head to post- siske).  Catalyst coygen sensor) Fost preceptly pump - Rail-presours sensor - Camstal position sensor - Unitate of temperature - Hotake- air temperature - Post- quality quadries	The diagnostic fault code is logical when the fault remains present for longer hash from the many money and the property for longer hash from the many money and the fault for the many money and the many money money and the many money money and the many money money money and the many money mone	Voltage condition: - Ontopend elect - None	- None NO	- Minture adaptation (ID: OxSA85), Y	crankosse veritistion, oi cap, oi dipstick, tank EVAP  - Leak in eshaust system (eshaust-side cyinder head to post-catalyst cryogen sessor) Publi pre-upply pump  - Rail-pressure sensor  - Intake air temperature  - Popor-quality pationine	- Because this is a secondary fault, start by repairing the primary faults	- ECE electronic engine power reduction: on - CC message: on - US emissions warning lamp: off - US emissions warning lamp: off - US edictronic engine power reduction: off - CC message: none	sons	Possible apparent symptoms: Engine runs poorty with power loss	Breakdown notice:  E is possible to continue driving the vehicle, but assign granevers should not be attempted owing to the possible twe eighter output.  The possible twe eighter output.  The possible twe eighter output.	e mixture adaptation after repairing the problem source!
				Data adoption/matching with Summary Table; as indicated PP. The search of the search of the Search of the search of the search of the Engine speech of 1600 ptm Potential profolem source(s):											
				- Diagnostic fault code loggie owing to defective Onygen sensor (pre-catalys) 11-11-11-11-11-11-11-11-11-11-11-11-11-					Diagnostic fault code logged owing to defective:     Oxygen serior (pre-statyst)     HHM						
				ventation, of cap, or oparion, table NEAP vent the, brake Dooster)  - Leak in enhanced system (exhaust- side cylinder head to pod- catalijat copyrine natron () real precupply pump  - Real-processor sensors					- Injaction nozale - Instale-manifold presums sensor - Leaks in and around induction system (positive - crankosae verifistion, oil cap, oil dystokt, tank EVAP - verif line, brake booster) - Leak in exhaust system (eshaust-side o yinder head to post-catalyst crygen sensor) Fuel pre-supply pump - Rail-pressure sensor - Rail-pressure sensor		- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on - US emissions warning lamp: off			Braikidown nośca:	
MEVD17.2- BNQ020 0x118E02	The diagnostic function monitors the air-full state adaptation, little medium too rich at Gife.	nel minture P2168 System Too Rich at Ide (Bark 1)	Fuel System	Clamshalf position sensor Intake a timp senature Interest in timp senature Poor quality appoint The fault is recognized when the minisher is too lean and must be enriched by more than 25-399, departing on load factor, departing on load factor,	The diagnostic fault code is logged when the Butt remains present for longer than 1 min. none	Voltage condition: - Onboard electi - None	- None NO	- Mixture adaptation (ID: 0x5A85), Y	- Carnishat position sensor - Intake air temperature - Poor-quality gasoline	- Because this is a secondary fault, start by repairing the primary faults.	US electronic angine power reduction: off      CC message: none	none	Possible apparent symptoms: Engine runs poorly with power loss	It is possible to continue driving the vehicle, but assisting manurures should not be attempted owing to the possible low engine output.	mixture adaptation after repairing the problem source!
				Potential problem source(s):  - Origins search forbine catalysis conventer defective  - Mass-simble search of defective											
				colocicio  - Intelie aire imporatura sensori colocicio  - C-amentaling positivo sensori colocicio  - C-amentaling positivo sensori colocicio  - Dester in high-pressures fuel system  - Defect in los persosare fuel					Oxygen sensor before catalytic converter defective     Massa-sirflow sensor defective     Oxefactive injectors     Intake-marrield pressure sensor defective     Intake-arrield pressure sensor defective     Intake-arrield pressure sensor defective     Camshaft position sensor defective	If additional faults related to the following components are present, process these first: Precatalyst coopen sensor, mass-airflow sensor, intale-marifold presume sensor, intela-air temperature.	- ECE emissions warning lamp: on - ECE electronic engine power				
MEVD17.2- BN2020 0x118F20	Millium adaptation, lower speed range minure at part The diagnosis function monitors the 1192792 load bits have adaptation.	minuture P2177 System Too Lean Of Ma (Black 1)	Fuel System	Off idle - Poor-quality gasoline	The diagnostic fault code is logged when the fault remains present for longer than 1 min. none	Vottage condition: - Onthoand electi - None	- None START_SYSTEMCHECK_GRUNE	Minture adaptation (ID: 0x5A95). Y	Defect in high-pressure fael system     Defect in low-pressure fael system     Indian system leaking     Indian system leaking     Leak in exhaust system before oxygen sensor behind     catalytic convert     Poor-quality gasoline	sensor, camehath poeifion sensor, high-pressure fuel system, low-pressure fuel system Check air-induction system for leads (also checking the following components: Positive crankease verifiation, oil cap, task evaporative errissions system) - Check exhaust system for leaks - Replace linjectors	reduction: on - CC message: on - US emissions warning tamp: off - US electronic engine power reduction: off - CC message: none	none	Possible apparent symptoms: - Engine runs poorly	Breakdown notice: - Loss of power - Dekte minum	ure adaptations following repair
				The fault is recognized when the mindural is too rich and must be learned out by more than 25- 20%, depending to least feature. Protecting problem sources(s): - Oragen searce thosis castalysis conventor defective - Mass-airflow searce federitive											
				- Judicities injectors - Intake-membrioti pressums sensor datective - Intake-air temperatura sensor distaketive - Calentaria position sensor - Calentaria position sensor					Oxygen sensor before catalytic converter defective     Mass airfrow sensor defective     Oxfective rejection     Intake-mentice pressure sensor defective		- ECE emissions warning lamp:				
MEVD17.2- BNQ020 0x118F21	Mildare adaptation, lower speed range minkers at part The diagnosis function monotons the horizontal part (The diagnosis function monotons the part (The diagnosis function function (Inc.))	michus P2178 (pratem Too Rigo Off Ras (Base 1)	Fuel System	- Leaster in Right-pleasure trait - Syptam - Spran - Defect is: Some Trait - Systam - Leak in exhaust systam before oxygen sensor behind catalytic conventer - Co	The diagnostic fault code is logged when the fault remains present for longer than it min. none	Voltage condition: - Ornoperd electil - None	. None START, SYSTEMCHECK, GRUNN		Instake-marifield pressure sensor defective Instake-air temperahus ensor defective Cannshaft position sensor defective Cannshaft position sensor defective Defect in inply-nessure field system Defect in low-pressure field system Leak in exhaust system before oxygen sensor behind catalytic converter Poper-quality pascinine	If additional faults related to the following components are present; process these first: Precatalyst oxygen sentor, mass-affice sentor, entitlementally pressure sentor, catalyst and position sentors; (histike-air temperature sentors, catalyst position sentors, (histike-air temperature system, low-pressure fuel system Check exhaust system for leaks	- ECE electronic engline power reduction: on  - CC message: on  - US emissions warning lamp: off  - US electronic engine power reduction: off  - CC message: none		Possible apparent symptoms:	Breakfown notice: - none - Dakte minum	ure adaptations following repair
	1160753 load ton rich adeptation.			The fault is recognized when the voltage of the rail-pressure sensor recoded, 4.0 F. Potential problem source(s).  - Onder (or wiring harmes):  - Onder (or wiring harmes):							- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on		- none		
MEVD17.2- BN2020 0x119001	The diagnosis function monitors the upp process function monitors the upp process function monitors the upp processor sensor. Security 1150077  Rail pressure sensor, electrical: Short circuit to B+ sint of the nail-pressure sensor.	Her voltage P0163 Fael Rail Plessure Sensor'-X-Circuit High	Fuel Regulators / Valves / Sensors	between DME and rail-pressure sensor - Defective rail-pressure sensor - Defective rail-pressure sensor - Defective DME The fault is reconsisted when the	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	Read test data block; ID 5876 N	- Defect in wiring harmess between DME and rail- pressure sensor - Defective rail-pressure sensor - Defective DME	- Check wiring harness between DME and rail-pressure sensor - Replace rail-pressure sensor - Replace DME	- US emissions warning lamp: on - US electronic engine power reduction: on - CC message: on - ECE emissions warning lamp:	none	Possible apparent symptoms: Reduced power	Breakdown notice: Standard EML Text	None
MEVD17-2-	The diagnostic function morbibis the size	н рожина		voltage of the rail-pressure sensor is less than 0.2 V. Potential problem source(s): - Dethot in wing harmens between DM and and rail-pressure sensor: - Dethot me al-pressure sensor	This fault is logged in the control module's fault memory				Defect in wiring harmsss between DME and rail- pressure sensor     Defective rail-pressure sensor	- Check wiring harness between DME and rail-pressure sensor - Replace rail-pressure sensor	on - ECE electronic angine power reduction: on - CC message: on - US emissions warning lamp: on - US decorroic engine power reduction: on		Possible apparent symptoms:	Breakfown notice:	
BN2020 0x119002	110073 Rail-pressure sensor, electric shot croul to ground sensor's lower voltage limit.	P0152 Full Rail Passava Sensor W Crost Lew	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure Sensor - Defective DME  The fault is recognized when the voltage of the low-pressure sensor is > 3.6 V.  Porteting problem source(s):	imme-dately. Terminal 15	Vottage condition: - Onboard elect - None	- None NO	Read test data block; ID 5876 N	- Defective DME	- Replace DME	- CC message: on  - ECE emissions warning lamp: off - ECE electronic engine power reduction: off - CC message: none	none	Reduced power	Standard E.M. Text	None
MEVD17.2- BN2020 0x119201	Fuel low-pressure sensor, electric short circuit to The diagnostic function monitors the uppositive sent of the low-pressure sensor.	nor voltage or		- Wiring harmoss between DME and low-pressure sensor - Defect in low-pressure sensor - Defect in DWE - Defective DME -	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Chibpard electi - None	- None NO	Read test data block; ID 58F4 N	Wiring harness between DME and low-pressure sensor     Defect in low-pressure sensor     Defective DME	Check wiring harness between DME and low-pressure sensor     Replace low-pressure sensor     Replace DME	- US emissions warning tamp: off - US electronic engine power reduction: off - CC message: none  - ECE emissions warning tamp:	none	Possible apparent symptoms: None	Breakdown notice: None	None
MEVII17.2-	The diagnostic function monitors the loss	er voltaga		The fault is recognized when the voltage of the lose pressure sensor is < 0.3 V.  Potential problems accuracy).  - Wiring humans between DME and the problems accuracy is sensor is < 0.5 V.  - Wiring humans between DME and the pressure sensor is considered to the pressur	This fault is logged in the control models's fault memory				-Wiring hamess between DME and low-pressure sensor     - Defect in low-pressure sensor	- Check wiring harness between DME and low-pressure sensor - Replace low-pressure sensor	- ECE electronic angline power reduction: off  - CC message: none  - US emissions warning lamp: off  - US decloranic engine power reduction: off		Possible apparent symptoms:	Breakfown notice:	
BN2020 0x119202	1155460 Puel low grossoms sensor, electrical (Short to earth Sent of the low grossoms sensor	or. P3941 Low Pressure Tivel System Sensor Circuit Low		- Defective DME  The fault is recognized when the voltage of the rail-pressure sensor is between 4.1 V and 4.8 V.	immediately. Terminal 15	Vottage condition: - Ont-pend elect - None	None NO	Read test data block; ID 58F-4 N	- Daffoctive DME	- Replace OME	- CC message: none  - ECE emissions warning lamp: on  - ECE electronic engine power	none	None	None	None
MEVD17.2- BN2020 0x119301	Rail-pressure sensor, voltage test upper threshold The diagnostic function monitors the volt 155745 exceeded Tall-pressure sensor.	age of the ProSCE Ford Rail Pressure Sensor X: Vidage Too High	Fuel Regulators / Valves / Sensors	Potential problem source(s): - Orbect in which phaness bitiseen DME and real-pressure section - Defective mit-pressure sensor - Other in high-pressure system - Other DME and real-pressure sensor - Other in high-pressure system - Other DME	This fault is logged in the control module's fault memory immediately, some	Veittage condition: - Ontopend slace! - None	- Nona NO	Read test data block; ID 5676 N	Defect in wiring harmoss between DME and rail-pressure sensor     Defective ral-pressure sensor     Defective insty-pressure system     Defective DME	- Check wiring harness between DME and rail-pressure sensor - Replace rail-pressure sensor - Repair problem in high-pressure sel system - Replace TME, Pepilace DME.	reduction: on - CC message: on - US emissions warning lamp: on - US delectronic engine power reduction: on - CC message: on	Active in US only	Possible apparent symptoms: Reduced power	Breakdown notice: Standard E.M. Test	None
				The fault is recognized when the voltage of the inal-pressure sensor in the sensor in the sensor in the sensor in between 0.2 V and 0.52 V. Petertial proteins source(s):							- ECE emissions warming lamp: on - ECE electronic engine power reduction: on - CC message: on				
MEVD17.2- BN2020 0x119302	Rail-pressure sensor, voltage test: lower threshold The diagnostic function monitors the voltage test: lower threshold all-pressure sensor, rail-pressure sensor.	tage of the P15CF Fall Rell Proposes Springs"X Village To Low	Fuel Regulators / Valves / Sensors	Pelestral problem source(s):  - Delact in which planess behavior DME and rail-pressure behavior DME and rail-pressure - Delactive via-pressure search - Delactive via-pressure search - Delactive via-pressure system - Delactive DME - Delactive DME	The diagnostic fault code is logged when the fault remains present for longer than 1 min. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	Read test data block; ID 5876 N	Defect in wiring harness between DME and rail- pressure sensor     Defective rail-pressure sensor     Defect in high-pressure system     Defective DME	Check wiring harness between DME and rail-pressure sensor     Register rail-pressure sensor     Repair problem in high-pressure fuel system     Repair problem of Negative DME	- CC message: on - US emissions warning lamp: on - US electronic engine power reduction: on - CC message: on	Active in US only	Possible apparent symptoms: Reduced power	Breakdown notice: Standard EML Text	None
				The fault is recognized when the relative real pressure prior to engine start is > 10 fact, and a mixture fault or fact light, pressure circuit fault appears following the engine start. Potential problem source(s):							- ECE emissions warning lamp: on - ECE electronic engine power reduction: on				
MEVD17.2- BN2020 0x119304	Rid pressure sensor, plausibility Maximum pressure The diagnosis function more/one the following registering pressure (sensity for to the exception pressure (sensity for to the exception pressure (sensity for to the exception pressure (sensity for the exception pressure (sensity fo	el of for Pode Fuel Reliferation Pressure - Too Hote.	Fuel Regulators / Valves / Sensors	Defect in wiring harmess between DME and rail-pressure sensor      Defective rail-pressure sensor      Defect in high-pressure systems.	The diagnostic fault code is logged when the Bull remains present for longer than 1 min. none	Voltage condition: - Onboard elect - Engine warmed to normal tempera	- 10 sec. after engine start NO	Read test data block; ID 5876 N	Defect in wiring harmoss between DME and rail-pressure sensor     Defective rail-pressure sensor     Defective rail-pressure system     Defective DME	- Check eiring harness between DME and rail-pressure sensor - Replace rail-pressure sensor - Repair problem in high-pressure fuel system - Replace DME - Replace DME	reduction: on - CC message: on - US emissions warning lamp: on - US electronic engine power reduction: on - CC message: on	Active in US only	Possible apparent symptoms: Reduced power	Breakdown nośce: Standaro E.M. Test	None
				The fault is recognized when the relative rail pressure outring engine operation in +40 bar and a missure fault or a fault high- pressure fault or a least in present at the same time.							- ECE emissions warning lamp: on - ECE electronic angline power				
MEVD17.2- BN2020 0x119308	The diagnosis fundor morters the rail of terms whether 54 depth to be during the control of the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth to be during the rail of terms whether 54 depth	pressure to re-pressure to P0007 Fuel Reliferation Pressure - Too Line	Fuel Regulators / Valves / Sensors	Potential problem source(s): - Ordect in wring harmess - Defect in wring harmess between DME and rail-pressure - sensor - Defective rail-pressure sensor - Defective rail-pressure sensor - Defective Dy-pressure system - Defective CME	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Oriboand sleet - None	- None NO	Read test data block; ID 5876 N	Defect in wiring harmoss between DME and rail-pressure sensor     Defective rail-pressure sensor     Defective rail-pressure system     Defective DME	- Check wiring harness between DME and rail-pressure sensor - Replace rail-pressure sensor - Repair problem in high-pressure fuel system - Repair DME	reduction: on - CC message: on - US emissions werning lamp: on - US electronic engine power reduction: on - CC message: on	Active in US only	Possible apparent symptoms: Reduced power	Breakdrown notice: Standard E.M. Text	None
				The facility acceptable shows he will be a visiting and the real-pressure seasons variety by these than 5 mily.  Potential problem source(s):  - Deduct in windry harmes between DME and real-pressure sources.	This fault is logged in the control				Defect in wiring harmess between DME and rail- pressure sensor	- Check wiring harness between DME and rail-pressure sensor	- ECE emissions warning lamp: on  - ECE electronic engine power reduction: on - CC message: on - US emissions warning lamp: on - US electronic engine power				
						Voltage condition: - Onboard elect									

													- Check low-pressure system (filter, pump pressure a	- ECE emissions warning lamp: d				
							The fault is recognized when the rail pressure rises beyond the specified level.						flow rate, sensor, plugs/wiring harness), replace as indicated - Low-pressure ECU (EKP electric fuel pump), read or	- ECE electronic engine power reduction: on - CC message: on				
		The diagnostic function monitors the high-pressure					Potential problem source(s): - Defect in low-pressure system	This fault is logged in the control				- Defect in low-pressure system	diagnostic fault codes  - Delete adaptation data for fuel low-pressure control  - Check rail pressure sensor incl. plugalwiring hames	- US emissions warning lamp: on - US electronic engine power			Breakdown notice: The engine reverts to its limp-home program, continued vehicle operation is possible but drivability	
MEVD17.2- BN2020 0x11A001	Fuel high-pressure system, fuel pressure: maximum 1155073 pressure exceeded	fuel system to determine whether the pressure levels remain at the specified levels.	P0088	Fuel Rail/System Pressure - Too High	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	Defective rail-pressure sensor     High-pressure pump defective	module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None NC	Rail-pressure sensor voltage signal Y	- Defective rail-pressure sensor Y - High-pressure pump defective	replace as indicated - Replace high-pressure pump	reduction: on - CC message: on	none	Possible apparent symptoms: - Loss of power	is restricted, because power is reduced the driver should refrain from passing maneuvers.	None
							The fault is recognized when the						Check low-pressure system (filter, pump pressure as flow rate, sensor, plugal/wiring harness), replace as indicated	- ECE emissions warning lamp:     on     - ECE electronic engine power     reduction: on				
							rail pressure rises beyond the specified level.  Potential problem source(s):						Low-pressure ECU (EKP electric fuel pump), read or diagnostic fault codes     Delete adaptation data for fuel low-pressure control	reduction: on - CC message: on - US emissions warning lamp: on			Breakdown notice: The engine reverts to its limp-home program,	
MEVD17.2- BN2020 0x11A001	Fuel high-pressure system, fuel pressure: maximum 1155073 pressure exceeded	The diagnostic function monitors the high-pressure fuel system to determine whether the pressure levels remain at the specified levels.	Pan2a	Fuel Rail Pressure, Maximum Pressure Exceeded (Bank 1)	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	Defect in low-pressure system     Defective rail-pressure sensor     High-pressure pump defective	module's fault memory	Voltage condition: - Onboard elect - None	, None	Rail-pressure sensor voltage signal V	Defect in low-pressure system     Defective rail-pressure sensor     High-pressure pump defective	Check rail pressure sensor incl. plugs/wiring harnes replace as indicated     Replace high-pressure pump	- US electronic engine power reduction: on - CC message: on	2000	Possible apparent symptoms: - Loss of power	confinued vehicle operation is possible but drivability is restricted, because power is reduced the driver should refrain from passing maneuvers.	None
							The fault is recognized when the						- Check fuel level - Check low-pressure system (filter, pump pressure a	- ECE emissions warning lamp:				
							rail pressure is below the specified level.  Potential problem source(s):						Creck low-pressure system (timer, pump pressure as flow rate, sensor, plugal/wiring harmess), replace as indicated     Low-pressure ECU (EKP electric fuel pump), read or	- ECE electronic engine power reduction: on t - CC message: on				
		The diagnostic function monitors the high-pressure					Fuel tank empty     Obstruction in fuel filter     Fuel pump defective	This fault is logged in the control				- Fuel tank empty - Obstruction in fuel filter - Fuel pump detective - Defective rail-pressure sensor	diagnostic fault codes - Delete adaptation data for fuel low-pressure control - Check rail pressure sensor incl. plugs/wiring harnes	- US emissions warning lamp: on - US electronic engine power			Breakdown notice: The engine reverts to its limp-home program,	
MEVD17.2- BN2020 0x11A002	Fuel high-pressure system, fuel pressure: minimum pressure undershot	fuel system to determine whether the pressure levels remain at the specified levels.	P0087	Fuel Rail/System Pressure - Too Low	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	Defective rail-pressure sensor     High-pressure pump defective	module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None NC	Rail-pressure sensor voltage signal Y	- Defective rail-pressure sensor Y - High-pressure pump defective	replace as indicated - Replace high-pressure pump	reduction: on - CC message: on	none	Possible apparent symptoms: - Loss of power	continued vehicle operation is possible but drivability is restricted, because power is reduced the driver should refrain from passing maneuvers.	None
							The fault is recognized when the nail pressure is below the specified level.						Check fuel level     Check low-pressure system (filter, pump pressure as flow rate, sensor, plugs/wiring harness), replace as	ECE emissions warning lamp:     on     ECE electronic engine power				
							Potential problem source(s): - Fuel tank empty					- Fuel tank empty	indicated - Low-pressure ECU (EKP electric fuel pump), read or diagnostic fault codes	reduction: on - CC message: on			Breakdown notice:	
MEVD17.2-	Fuel high-pressure system, fuel pressure: minimum	The diagnostic function monitors the high-pressure fuel system to determine whether the pressure levels		Fuel Rail Pressure, Minimum Pressure Fallen Below			Obstruction in fuel filter     Fuel pump defective     Defective rail-pressure sensor	This fault is logged in the control module's fault memory				Obstruction in fuel filter     Fuel pump defective     Defective rail-pressure sensor	Delete adaptation data for fuel low-pressure control     Check rail pressure sensor incl. plugs/wiring harnes replace as indicated	- US emissions warning lamp: on - US electronic engine power reduction: on		Possible apparent symptoms:	The engine reverts to its limp-home program, continued vehicle operation is possible but drivability is restricted, because power is reduced the driver	
BN2020 0x11A002 MEVD17.2- BN2020 0x11A201 MEVD17.2-	1155074 pressure undershot	remain at the specified levels.	P902C P008B	(Bank 1)  Low Pressure Fuel System Pressure - Too High	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	- High-pressure pump defective	immediately. none	Voltage condition: - Ontoard elect - None	- None NC	Rail-pressure sensor voltage signally	Y - High-pressure pump defective	- Replace high-pressure pump	- CC message: on	none	- Losa of power	should refrain from passing maneuvers.	None
MEVD17.2- BN2020 0x11A204	1155588		PODBA	Low Pressure Fuel System Pressure - Too Low														
														- ECE emissions warning lamp: off				
							The fault is recognized when the power consumption of the electric fuel pump rises above 160 W.							ECE electronic engine power reduction: off     CC message: none				
MEVD17.2-	Final Insurnances on system: nower, electric final number	The diagnostic function monitors the current draw					Potential problem source(s): - Defect in low-pressure sensor	This fault is logged in the control module's fault memory				- Defect in low-pressure sensor	- Check low-pressure sensor	US emissions warning lamp: off     US electronic engine power     reduction: off		Possible apparent symptoms:	Breakdown notice:	
BN2020 0x11A210	1155600 for actual pressure too high	from the electric fuel pump.					- Fuel pump defective	immediately. none	Voltage condition: - Ontoard elect - None	- None se	EKP electric fuel pump module see EKP electric fuel pump module N	N - Fuel pump defective	- Check operation of fuel pump	- CC message: none	none	None	None	none
							The fault is recognized when the high-pressure fuel pressure exceeds 50 bar after the engine							- ECE emissions warning lamp:     off     - ECE electronic engine power     reduction: off				
							is switched off.						Check rail-pressure sensor     Replace rail-pressure sensor	- CC message: none - US emissions warning lamp: off				
MEVD17.2- BN2020 0x11A301 MEVD17.2-	High fuel pressure after engine shutdown: Pressure to high	The diagnostic function monitors the flow-control valve on the high-pressure pump during the engine's shutdown phase.					Defective rail-pressure sensor     Defect in low-pressure system     High-pressure pump defective	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - None	-3 sec. after engine off No	ne Inone	Defective rail-pressure sensor     Defect in low-pressure system     High-pressure pump defective	Prepriace rail-pressure sensor     Check low-pressure sensor     Check operation of fuel pump     Replace high-pressure pump	US electronic engine power reduction: off     CC message: none	none	Possible apparent symptoms: Range from none to reduced power with following HDRmin fault	Breakdown notice: None	none
BN2020 0x11A701	1156865		P10A2	Fuel Volume Regulator System Deviation Too High		Fuel Volume Regulator		700%				y process process and the second seco						
MEVD17.2- BN2020 0x11A702	1156866		P10A3	Fuel Volume Regulator System Deviation Too Low	Fuel Regulators / Valves / Sensors	Fuel Volume Regulator	The fault is recognized when the							- ECE emissions warning lamp:				
							rail pressure rises above 22 bar.  Potential problem source(s):							- ECE electronic engine power reduction: on				1
							Defect in wiring harness     between DME and rail-pressure     sensor					- Defect in wiring harness between DME and rail- pressure sensor	Check wiring harness between rail-pressure sensor     and DME     Replace rail-pressure sensor	- CC message: on - US emissions warning lamp: on			Breakdown notice: The engine reverts to its limp-home program,	
MEVD17.2- BN2020 0x11AA01	Fuel supply system: Pressure too high, emergency operation with low pressure	The diagnostic function monitors fuel high-pressure system to detect whether it rises above a defined maximum value.	P306A	Fuel Rail/System Pressure - Too High, Limp Home	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	Defective rail-pressure sensor     Defect in low-pressure system     High-pressure pump defective	logged when the fault remains	Voltage condition: - Ontoperd elect - None	- None NC	Rail-pressure sensor voltage signal Y	Defective rail-pressure sensor     Defect in low-pressure system     High-pressure pump defective	Check low-pressure sensor     Check operation of fuel pump     Replace high-pressure pump	- US electronic engine power reduction: on - CC message: on	none	Possible apparent symptoms: - Loss of power	continued vehicle operation is possible but drivability is restricted, because power is reduced the driver should refrain from passing maneuvers.	None
							The fault is recognized when the rail pressure rises above 25 bar.							- ECE emissions warning lamp: on				
							Potential problem source(s): - Defect in wiring harness between DME and rail-pressure							ECE electronic engine power reduction: on     CC message: on				
		The diagnostic function monitors fuel high-pressure					- Defective rail-pressure sensor	The diagnostic fault code is logged when the fault remains				Defect in wiring harness between DME and reil- pressure sensor     Defective rail-pressure sensor     Defect in low-pressure system	Check wiring harmess between rail-pressure sensor and DME     Replace rail-pressure sensor     Check operation of fuel pump	- US emissions warning lamp: on - US electronic engine power reduction: on			Breakdown notice: The engine reverts to its limp-home program, continued vehicle operation is possible but drivability	
MEVD17.2- BN2020 0x11AA02	Fuel supply system: Pressure too high, emergency operation with injection deactivation	system to detect whether it rises above a defined maximum value.	P306B	Fuel Rail/System Pressure - Too High, Limp Home With Injection Cut-Off	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	Defect in low-pressure system     High-pressure pump defective	logged when the fault remains present for longer than 1 min. none	Voltage condition: - Onboard elect - None	- None NC	Rail-pressure sensor voltage signal Y	Defect in low-pressure system     High-pressure pump defective	Check operation of fuel pump     Replace high-pressure pump	reduction: on - CC message: on	none	Possible apparent symptoms: - Loss of power	is restricted, because power is reduced the driver should refrain from passing maneuvers.	None
							The fault is recognized when the rail pressure rises above maximum limit of 22 bar.							ECE emissions warning lamp:     on     ECE electronic engine power				
														reduction: on - CC message: on			Breakdown notice:	
MEVD17.2-	Fuel supply system: Pressure too high for a short time						Potential problem source(s): - Collateral fault caused by extreme pressure spikes in high-	The diagnostic fault code is logged when the fault remains					in - Work through any other diagnostic fault codes relate	US emissions warning lamp: on     US electronic engine power     reduction: on		Possible apparent symptoms:	The engine reverts to its limp-home program, continued vehicle operation is possible but drivability is restricted, because power is reduced the driver	
BN2020 0x11AA04	1157636 engine speed and load are restricted	The diagnostic function monitors the fuel pressure.	PSOC	Fuel Rail/System Pressure - Temporarily Too High	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	pressure fuel system  The fault is recognized when the	present for longer than 1 min. none	Voltage condition: - Onboard elect - None	- None NC	none N	N high-pressure fuel system	to fuel pressure system.	- CC message: on - ECE emissions warning lamp:	none	- Loss of power	should refrain from passing maneuvers.	None
							pressure level in the high- pressure fuel system exceeds the specified value.							- ECE electronic engine power reduction; on				
		The diagnostic function monitors the high-pressure fael system to determine whether the pressure levels					Potential problem source(s):						- Check rail-pressure sensor - Replace rail-pressure sensor	- CC message: on - US emissions warning lamp: off			Breakdown notice: The engine reverts to its limp-home program,	
MEVD17.2- BN2020 0x11AC01	1158145 Fuel high-pressure system, cold start: pressure too hig	remain as specified during the catalyst preheating	P15DE	Cold Start Fuel Pressure Too High (Bank 1)	Fuel System	Cold Start	Defective rail-pressure sensor     Defect in low-pressure system     High-pressure pump defective	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NC	Rail-pressure sensor voltage signal[Y	Defective rail-pressure sensor     Defect in low-pressure system     High-pressure pump defective	Check low-pressure sensor     Check operation of fuel pump     Replace high-pressure pump	- US electronic engine power reduction: off - CC message: on	for US only	Possible apparent symptoms: - Loss of power	continued vehicle operation is possible but drivability is restricted, because power is reduced the driver should refrain from passing maneuvers.	None
							The fault is recognized when the pressure level in the high-							- ECE emissions warning lamp: on				
							pressure system is 3.5 bar lower than the specified value.						- Check rail-pressure sensor	- ECE electronic engine power reduction: on - CC message: on			Breakdown notice:	
MEVD17.2-		The diagnostic function monitors pressure levels in the high-pressure fuel system to determine whether they conform to specified levels during the catalyst					Fuel tank empty     Defective rail-pressure sensor     Defect in low-pressure system	This fault is logged in the ECU fault memory if it remains				Tank empty     Defective rail-pressure sensor     Defect in low-pressure system	Replace rail-pressure sensor     Check low-pressure sensor     Check operation of fuel pump	US emissions warning lamp: off     US electronic engine power     reduction: off		Possible apparent symptoms:	The engine reverts to its imp-home program, continued vehicle operation is possible but drivability is restricted, because power is reduced the driver	
BN2020 0x11AC02	t 1158146 Fuel high-pressure system, cold start: pressure too lo	v preheating phase.	P1SDF	Cold Start Fuel Pressure Too Low (Bank 1)	Fuel System	Cold Start	- High-pressure pump defective The fault is recognized when the	present for longer than 45 sec. Terminal 15	Voltage condition: - Onboard electinone	- None NC	Rail-pressure sensor voltage signal Y	Y - High-pressure pump defective	- Replace high-pressure pump	- CC message: on	US only	- Loss of power	should refrain from passing maneuvers.	None
							fuel pressure in the high or low- nessure system falls below a							ECE emissions warning lamp:     off     ECE electronic engine power				
							value based on the program map.  Potential problem source(s):							reduction: on - CC message: on MY10 US:				
MEVD17.2-	Fuel pressure: Pressure below minimum pressure;	The diagnostic function monitors the high-pressure		Fuel Rail Pressure, Minimum Pressure Fallen Below,			Tank fuel level too low     Collateral malfunction stemming from defective fuel	This fault is logged in the control module's fault memory				- Tank fuel level too low - Collateral malfunction stemming from defective fue - Collateral malfunction stemming from defective fue - Tank fuel level too low	- Check fuel level - Repair the source of the problem (if present) in the	<ul> <li>US emissions warning lamp: on</li> <li>US electronic engine power reduction: on</li> </ul>		Possible apparent symptoms:	Breakdown notice:	
BN2020 0x11AD10	1158416 injection deactivation for catalytic converter protection	system for pressure deviations.	P306F	Injection Cut-Off	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	system  The fault is recognized when an enrichment of more than 30 % is	immediately. none	Voltage condition: - Onboard elect - Engine warmed to norm	s sempers) - None No	e none Y	Y system	fuel system	- CC message: on	none	None	None	None
							required for longer than 30 seconds.											
							Potential problem source(s):  - Oxygen sensor before catalytic converter defective											
							Mass-airflow sensor defective     Defective injectors     Intake-manifold pressure sensor defective											
												Oxygen sensor before catalytic converter defective						
							defective - Camshaft position sensor defective - Defect in high-pressure fuel					Mass-airflow sensor defective     Defective injections     Installance and fed fed in the sensor defection	- If additional faults related to the following	ECE emissions warning lamp:     on     ECE electronic engine power				1
							system - Defect in low-pressure fuel system					Intake-air temperature sensor defective     Camshaft position sensor defective     Defect in high-pressure fuel system	components are present, process these first: Pre- catalyst oxygen sensor, mass-airflow sensor, intake manifold pressure sensor, intake-air temperature	reduction: on - CC message: on				
MEVD17-2- BN2020 0x11AE01	Fuel supply system, oxygen sensor emissions control upper limit exceeded	The diagnostic function monitors the lambda closed- loop mixture control. The mixture is too lean and the lambda control enriches it.	P306D	Fuel Supply Closed Loop Fuel Control, Upper Limit Exceeded	Fuel Supply	Closed Loop Fuel Control	Leak in exhaust system before oxygen sensor behind catalytic converter     Poor-quality gasoline	This fault is logged in the control module's fault memory if it remains present for longer than 30 sec. none	Voltage condition: - Onboard elect - None	- None	10000	- Defect in low-pressure feel system - Leak in exhaust system before oxygen sensor beh catalytic conventer - Poor-quality gasoline	sensor, camshaft position sensor, high-pressure fue system, low-pressure fuel system Check exhaust syst for leaks - Replace injectors	US emissions warning lamp: off     US electronic engine power     reduction: off     CC message: none	2000	Possible apparent symptoms:	Breakdown notice:	- pone
(M.10-201							The fault is recomized when the	3012	TOTAL	N	,	- And-quarty general						
							mixture requires a lean correction of more than 30 % for longer than 30 seconds.											
							Potential problem source(s):  - Oxygen sensor before catalytic converter defective											
							Defective injectors     Intake-manifold pressure sensor											
							defective - Intake-air temperature sensor defective					Oxygen sensor before catalytic converter defective     Many circles converte defective						
							Camshaft position sensor defective     Defect in high-pressure fuel					Mass-airflow sensor defective     Defective injectors     Intake-marifold pressure sensor defective letters of temperature course of defective letters of temperature course of defective.	If additional faults related to the following components are present, process these first: Present August 1 on the present more office present into a present and a present a p	- ECE emissions warning lamp:				
							system - Defect in low-pressure fuel system - Intake system leaking					Intake-air temperature sensor defective     Carnshaft position sensor defective     Defect in high-pressure fuel system     Defect in low-pressure fuel system	catalyst oxygen sensor, mass-airflow sensor, intake- manifold pressure sensor, intake-air temperature sensor, camshaft position sensor, high-pressure fuel system, low-pressure fuel system Check air-induction	- ECE electronic engine power reduction: on - CC message: on				
		The diagnostic function monitors the lambda closed-					Oil cap not sealing     Leak in exhaust system before oxygen sensor behind catalytic	This fault is logged in the control module's fault memory if it				Intake system leaking     Intake system leaking     Oil cap not sealing     Leak in exhaust system before oxygen sensor beh	system for leaks (also checking the following	- US emissions warning lamp: off				
MEVD17.2- BN2020 0x11AE02	Fuel supply system, oxygen sensor emissions control 1158658 lower limit undershot	loop mixture control. The mixture is too rich and the lambda control dials in a leaner mixture.	P306E	Fuel Supply Closed Loop Fuel Control, Lower Limit Fallen Below	Fuel Supply	Clased Loop Fuel Control	converter - Poor-quality gasoline	remains present for longer than 30 sec. none	Voltage condition: - Onboard elect - None	- None No	none Y	catalytic conventer Y - Poor-quality gasoline	nd tank evaporative emissions system) - Check exhaust system for leaks - Replace injectors	- US electronic engine power reduction: off - CC message: none	none	Possible apparent symptoms: - Engine runs poorly	Breakdown notice: -Loss of power	- none
							The fault is recognized when the voltage at the electric fuel pump							ECE emissions warning lamp:     off     ECE electronic engine power				
							is below 5 V.  Potential problem source(s): - Errors in CAN messages							reduction: off - CC message: none				
							- Errors in CAN messages - Defect in wiring harness to fuel	This fault is logged in the control				- Errors in CAN messages	- Collateral fault caused by defect in CAN	US emissions warning lamp: off     US electronic engine power		Possible apparent symptoms:		
	<u> </u>			The state of the s		1	1		[vorage conductr: - Ontoped elect	1			1	1	i contract of the contract of	The second secon	1	

MEYOT 12.2- BNDC000 CH10271 11006007 Full flow greasure system, control actual pressure bio flow greasure system, control actual pressure system, control actual pressure bio flow greasure system, control actual pressure system, control actual pressure system, control actual pressure system, cont	The fault is recognized when the fault is recognized when the fault loss presentes consider presente is before the specified value.  Peternal productions counce(s):  - Fault that entity:  - Defect is weigh pareness to loss - present pareness - present p	nod nome Vollage condition - Ordinal died- Nome Nome	yee EPP electric faut gump module less EPP electric fait pump modulells	- Fuel tiers empty - Leath 1-fuel system - Delete 1 weign grammes bio-pressure system - Delete 1 weign grammes bio-pressure senior - Delete 1 weign grammes	clositive scaning lamp, off closine centrely power wheaton off reasons of con- reasons off closine centrely reasons off closine centrely reasons warring lamp; off Pusible apparent by Ranges from note to beside Ranges from note to beside	rystorae. Braukdown rodice Nove nove
MEVG172- MC0000 In-118222 1185998 Full the greasure system, control actual pressure to Mgg 1 118599 In-118599 In-118	The last is recognized when the last is recognized when the last is recognized when the last is about the specified value.  Perturn production success?  - Destination production success?  - Destination production success?  - Pressure sensor  - Pressure whiter value in EDD  - Destination have been a EDD  - Destination success?  - Pressure whiter value in EDD  - Destination white success and the same and the specified in the control proping  - Free journs defective  - Free journs defective	rod  None Vollage condition - Orloand steel- None - None	, was EXP electric tud jump module; laws EXP electric tud pump module/N	- Duffect in wiring harmess to two pressure sensor - Defect in the pressure sensor - Unit to two pressure sensor - Unit	tolsions warning large strong enging power handstor of message; rome soons warning large off romotive enging power handstor of message; rome soons warning large off romotive enging power handstor of handstor hands	optores: Brasidown rotics: None Asses
MICHOT2. BXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	The facilities coupling they be diver count disputation function.  Patternial problems councing.  - Detect in judge or with you present plants in the countries.  - Detective for the countries.  - Countries for the countrie	trial none Vallage condition - Onloged dect - None - None	STEMERN MOV. STEMERN JOHO POM actuation segnal, October N	- Collect in plag or wing harmess believed DME and - Check plag and wing harmess believed flow control valve ware and DME. On the Collect of	to the control of the	nglorini: Breakdown rodicis: Breakdown rodicis: None None
MEVIOT 2	Potential grothem source(s):  - Defect in Plus or wiring harmes between Ditted and foo-cortor walve  - Defection flow-control valve  - Defection flow-control valve	oud nome Values condition - Ordinard dispol- Name . Name .	STELEPN, MSV, STELEPN, ENCOMMA activation signal, docked. (N.	- Defect in julg or wing harness between DME and few control value wing harness between Toke control value wine and DME of the control value representation of the representatio	Induction on Chassage on Chass	
MS/01172.  BN0000 0-111-R04 1144200 Fuel-supply control valve, activedors open circuit.  The dispositio function provides the foundation provides the foundation provides and provided activedors are for an open circuit.  P0001 Fuel Volume Regulator Control Circuit/Open Fuel Regulators / Volves  Fuel Regu	- Defection plage or wiring harmess between DME and flow-control value  - Defective flow-control value  - This fault is logged in the control value	field Notings condition: - Orbital disect. None - None - None	STELEPR, MSV, STELEPRI, JONG PWM activators signal, Octor: N	- Defect in place or wince jumess between DME and .  - Defecting the second value .  - Defecting the second value .  - Defecting the second value .  - Place place and wince .  - Place place and DME .  - Place and DME .  - Second value .  - Place and DME .  - CCC en .  -	Consumering lamp; on creations easing a pose  Possible apparent by  Possible apparent by  Possible apparent by  Possible apparent by  Reduced pose  Reduced pose  defined pose  Reduced pose  reduction of  message; note  reduction of  message; note  reduced pose  reduction of  reduced pose  reduction of  reduced pose  reduction of  reduced pose  reduce	nghires: Brasidown reduc: Notes Notes
MEVCH 72 - BNG000 Ch11C700 1167192 subgraphon at lefs also in lower speed range Collective fault Michael adaptation  Collective fault Michael adaptation  Collective fault Michael adaptation	Potential problems source(s)  - Notes  The fault are recognised when the source of the	none Vollage confilor: - None Tempe - None - None	- Nores - Nores - Nores	- None - None - None - Col - C	control expiral power  Association of   Possible apparent by   Association of    Association of   Association of   Association of   Association of   Association of   Association of   Association of   Association of   Association of   Association of   Association of   Association of   Association of   Association of   Association of    Association of   Association of   Association of   Association of   Association of   Association of   Association of   Associati	- None - None
MSC017 2.  SNG000 Charge-dir present softion upper value, charge-dir present softion upper value. Charge-dir present softion upper value. Charge-dir present softion modes the present softion.  P0224 TurbochargerSuperAuger'X Owndood Condition Supercharger Society.	Pressure  Pressu	to the second se	stoom, pydamissi, et salai, STAT, ATLSHC, CPYCHC, WERT N	- Vacuum Ber defective (second or closed  - Vacuum Ber defective (Control of Control of	son working lamp or control egying power was control egying power was control egying power was control or Possible egyined for Possible	
MEVOT72- DRCCCC 6x12009 1180-D4 Owen-air pressure control, lower value charge air The daeprosic function monitors the pressure pressure to the pressure across the pressure pressure to the pressure across P0209 Turbocharger@spendager.W.Underbooks.Condition (Supercharger@spendager.W.Underbooks.Condition (Supercharger@spendager.W.Underbooks.Condition (Supercharger@spendager.W.Underbooks.Condition (Supercharger@spendager.W.Underbooks.Condition (Supercharger.W.Underbooks.Condition (Supercharg	Collective fault, only serves to trigger the emissions warning	ins	places, polantess, at data, STAT, ATLS/C, CP-CRQ, VEST (N)	Collective deschopmensatic pressure connecter in  Vertantiginal visit an discherite plateat in open  position)  All collection that the plateat in open  position)  All collection that the plateat in th	intrinse egypting power  framsgar zone frams	Breakfown rodize: The egiple revels to its limp-home program, continued which equipments in possible and divisibility in restricts. Access agreement and address the original restricts of the other whould enhant from passing melenomes.  None
MEV0172- Charge air pressure sortest, describution charge air The diagnosis foreion noviles the DME's Turbodrager Boyer Carbot Cut Off (S0020) (h10040) (h10	lamny, and can also largine a CO measure. The response to the fact that the fact all and th	trol Tempel 15 Voltage condition - Orthoped slace: None home	NO NO V	- CC - US ears -	measure cord measu	
MEY/0172- Charge-or pressure sersor, electic short crick to possible pressure sersor, electic short crick to The degradefunction monitors the wire to the boost- PO238. Turkschergerffugerdanger Boost Sensor X Circuit Right	- Defect in wing harmas between UME and board  - Bood speakure senior defection  - Bood speakure senior defection  - Defected or Diff  The fault is recognized when the bood of the bood o	trid Temper 15 Village condition - Chicard deat- Hone - None -	NO Read lest data block. (D SIDE N	pressure sensor   - US ele   - Common   - US ele   - Common   - US ele   - Common   -	Scion searching large on  control entire ent	ngstores: Breakdown redice: yr Standard EML Total: None
MEY0172 Charge-or pressure serior, electric short crount to ground serior.  MEXCOD 0x10102 118274 Charge-or pressure serior, electric short crount to ground serior.  PEZZE Turborharger/Export/larger Board Serior YX Croat Separative serior.  PEZZE Serior Serior YX Croat Serior YX Croat Separative serior.  PEZZE Serior Serior YX Croat Serior YX Croat Separative serior.  PEZZE Serior Serior YX Croat Serior YX Croat Serior YX Croat Serior YX Croat Separative serior.  PEZZE Serior Serior Serior YX Croat Serior YX Croat Separative serior.  PEZZE Serior Serior Serior YX Croat Serior YX Croat Separative serior Serior YX Croat Serior YX C	pressure sensor. This fall is bigged in the control beginning and the control of	Terribed 15 Volkage condition - Orbitad diego Norae Norae	NO Pepart test data black, 10 SIGE N	pressure sector	crossic egips power Pusalib egips power  Pusalib egips of the pusalib eg	
MEVOT7.2- BRIGID 0x121521 1186557 Owaying pressure serior, multiple fault electrical and plausibility.  Collective fault Boost pressure serior.  P0236 Turtochanger/Superhanger Boost Serior Vi Crickle Registrationaries.	The response to the fault is specified for a different fault for the control of t	trol Terminal 15 hiblioge condition: - Ordinard dept Nova - No	wee individual fault one individual fault one individual fault	- US many - Usb many -	Threadage received from a control of the control of	reptora: Breakdown rotos: see trid finish facet sale individual facet
MSC/017.2.  Charge air pressure servor, plauktility pressure  B00000 0x101500 1166972 before fronts valve too high  The diagnostic function monitors the boost pressure.  P0234 Turtocharger/Supercharger X/ Owtdoost Condition Supercharger Boost In		trol Temper 15 Voltage condition - Onloand decl- None - None	NO Reed test data block: 10 5600 N	- Check air-induction system operation (watdegate, etc) - Defect in wiring harmesa between boost-pressure sensor and DNE - Boost-pressure sensor defective - Boost-pressure sensor defective - Boost-pressure sensor d	district engine power maketime or an experiment of the control of	
MEVOIT 2- SECOLO 0-121500 1186772 before throst trade to fig. The diagnostic function monitors the boost pressure. P1240 Trutocharger/Secondaryger boost Pressure Pre	The faul is succeptioned when, prior to engine seal, the absolute about pressure in greater than 1.5 pressure and the pressure is greater than 1.6 pressure as greater than 1.6 pressure and the pressure system - Deletic is religious parameter and the pressure of the pressure and the pressure and the pressure front of Throttle - Broods/pressure searce delections on the pressure front of Throttle - Design parameter and the pressure a	trod Temmal 15 Nobleg condition: - Ordinard slace; - Nona None	NO Reind and ables. 10 SECO N	- Defect in bood pressure system - Defect in wiring harmess between bood pressure - needed in wiring harmess between bood pressure - needed in wiring harmess between bood pressure - needed and bood pressure are not defective	ECCE:  Insuline sensing lamp:  grad  Character of the control of t	rephone Brasidows notice // Seasiled ESE, Task None
MEQ017_2. GNC0000 Cn121507 11650773 before Protesure sensor, pleability pressure SNC0000 Cn121507 11650773 before Protes white to low Supercharger Supercharger V Underlocor Condition Supercharger Stood or Supercharger St	Collective fluid, city servers to togger the ministions wanting lawny, and can alway larger a Collective fluid to the server of	trid Temper 15 Village condition . Onload dead. Hone . hone	NO Read lest data block. 10 SECO N	- ECE etc CC - US entire - CC - US etc US - CC - US entire - CC - US - US	SCC.  Office and the second se	
	Collective fault, only serves to trigger the emissions warring fame, under our and an object a CO.  Server out on all the trigger and the trigger and the trigger and the control that errors.  The Server out of Server out out out of Server out out of Server out out out out of Server out	ned Vollage confilters - Ordinard dates		- ECE els	COCC COCC COCC COCC COCC COCC COCC COC	

			The fault is recognized when the boost present is injust face the boost present is injust face the beautiful to the boost present in the boost present is the present in the boost present in the boos		- ECE entiation wanting tamp	
MEVO17.2- BN0020 0x121532 1188	Bood pressure sensor, pleadably Pressure before Boots who so high wher expect of princy The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 1. The diagnosis function months the bood pressure Fig. 2. The diagnosis function months the bood pressure Fig. 2. The diagnosis function months the bood pressure months the bood pressure months for the bood pressur	Chapp Air Pressure in Comparison to Barometic Prioriz Pressure To-Mylp, Superchappe Bood Pressure/Antiset Pressure	Potential problem source(s) - Delete in hoospersease system - Delete in well premaria between the premaria between the premaria between the premaria - Second Collect - Boospersease second deletion - Boospersease second deletion	condition - Onload date: Nova - Nova No - Read last date block: (0.6600 No	- Check of boods prisease system - Check of prisease system - Check operation of air system (wastegate, etc.) - Check in winty harmes before boods prisease - Check winty harmes before for the control of the control	Possible apparent symptoms: Breakforum notos: Reduced power Bacter DSA Test Nove
MEV017-2-	Boos pressure sensor, plaubility Pressure before	Tufochlagenflagenhaper bood Passava, Pressava Fruit CT Troites Vain To High auting Espira	The faul is exceptioned when the book origination is included that the desired present is included that the desired present is included to the control of th		- ECE enteriors wanting temp ECE enteriors wanting temp ECE extension wanting temp ECE extension equipment of an extension of an experim (wantingsta, etc.) - Order winting harman belower because any potent Order winting harman below consumer Order winting harman below consum	Prossible apparent symptoms: Braskstown notos:
804000 01/4 1504 1/06	Populse volve too Tagle where engine not quering. The diagnostic function moralizes the boost pressure. P  Boost pressure sectors, presability: Pressure before	Doartine Superplange Boost Pressure  Superplange Boost Pressure  Charge Air Pressure in Congestion to Benometic	Pressure First of Thorities	condition - Ontowed deed, Name NO Reped tree (dates books, 10 SECO, N	- Defective DME - Register DME - CC message on core  - ECE entire glamp  - ECE entire graph power reduction or many power reduction or many power reduction or core programs and power reduction or core programs and power reduction or core programs and power reduction or core programs - Check operation of air system (see along the core power reduction or core with power power power reduction or core power reduction or core power reduction or core power reduction or core power power reduction or core power r	Produced proper Bah. Text None  Produced paperson symptoms: Breakforan notos:
BN2020 0x121533 1186	BOOS Propries who too low when engine and ranning . The diagnostic function moralizes the boost pressures. F.  Boost pressure sensor, plausibility Pressure technical propriess was too too various pressures. P.  Boost pressure sensor, plausibility Pressure technical propriess was too too various engine correctly. The diagnostic function moralizes the boost pressure. P.	Pleasure Top Love Supercharged Boost Pressure Anthered Pressure  Tutletcharger/Supercharged Boost Pressure Pressure From CT Threster Versi Too Love during Engine P2008 Supercharged Boost Pressure Supercharged Boost Pressure	Convolution - DME delection semandatiny Terranal 55 (Vittigas on the Convolution of the C	condition - Onboard deet - Name NO Read last date block; 10 SECO IN	- Come gardenine  - Defect in bood greasure system  - Defect in swing harves between boos-pressure  - Defect in wing harves between boos-pressure  - Descriptions are swing to the swing harves between boos-pressure  - Descriptions are swing to the swing harves between boos-pressure  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing to the swing harves between DEE and boos-  - Descriptions are swing harves between DEE and boos-  - Descriptions are swing harves between DEE and boos-  - Descriptions are swing harves between DEE and boos-  - Descriptions are swing harves between DEE and boos-  - Descriptions are swing harves between DEE and boos-  - Descriptions are swing h	Restuced power Standard EAN. Text None  Possible apparent symptoms: Brasidose rector:  Possible apparent symptoms: Brasidose EAN. Text  None  Possible apparent symptoms: Brasidose EAN. Text  None
MEV017.2- BR0000 0-121601 1186	During the control modulars shaddown phase the disparable forcing making the forcing making maki	P0254 Turbschwigerflagenhager W.Ondoost Condition Sugenharger Boost Prissure	The fault is recognized when the four-present several devalues a series (several several sever	conditionOnload date: Name -5 set, other engine of the No	MY10 ECE  -ECE entolations warring lamps  -ECE extended comparable  -ECE extended comparable  -ECE extended comparable  -Us entolation con  -ECE extended con  -ECE  -ECE entolation warring lamps  -ECE extended comparable  -ECE ext	Possible apparent symptoms: Braskdown rodos: None Book None
M6V017.2- 860200 0-121601 1186	Outing the contain models is studious place the diagnosis function models in the brondler, peasant assessment to the contain models the bear model peasant assessment books.  ECST. Change air pressure sensor, operants so high.	Boost Senser X Affarmoning Daponian Presson Too 1930 Byochinger Boost Senser	The faul is encognized where the top of the presence service devices the top of the presence service devices the control of the presence that the control of the presence the control of t	condition - Ontowed divide. Name - Is see, after engine of the NO name No.	MYTECE -ECE resistance awaring samp -ECE extraction are group to present section of the contraction of the c	Possible apparent symptoms: Brasiletone notice: None None None
M6VG17.2. 89G200 0+121600 1166	Guing the control models's shadow phase the diagnosis function motivate the barriance pressure services, recall an exception control of the barriance pressure services, recall an exception control of the pressure services are control of the pressure services are control of the pressure services are control of the pressure services. The pressure to	P0009 Turbolateger/flagenchager X (Indebnost Condition Sugentheger Boot Pressure	The fault is recognized when the  Notice devisions wanter devisities  sections. (Submitted pressure,  Notice pressure,	coordina Orlowed direc. Name Size, after angine of NO NO NO	MY13 ECC.  - ECC enceloses areing large - ECC descharge areing factor  - Commange on  - Commange on  - Commange on  - Unit memory large on  - ECC entitions enging power	Pusaba apparat symptom: Breakdown nation: Nove Nove Nove Nove
MONTH 2.	Curing the control models's shadates phase the diagnosis function methods the between phase the diagnosis function methods the between personal season. Trade-equilibilities and of the pressure sensor season for the phase of the pressure sensor season of the phase of the phase sensor personal season. The phase of the phase sensor personal season of the phase sensor person of the phase sensor perso	Boost Server % Administry Calgross Pressure Too Sepercharge Boost Server Server	The fault is recognized when the bond operation considerable service devalues associated before the second operation.  Second placement operature.  Most placement operature.  And the second placement operature.  Feeling placement operature.  And and a second operature.  And a second operature.  And a second operature.  And a second operature.  Feeling placement operature.  And a second operature.  Feeling placement operatu	condition. Ordinate thest. Name 5 see, after angine of M. NO name N.	WITE ECC.  - ECC entering temper  - ECC entering temper  - ECC entering temper  - CO message on  - Wing temper  - United temp	Possible apparent symptoms: Brainhilmen redicat  None None None None
MEV017.2- BN2020 0x122001 1187	Bypass blow-off value, activation short cloud to The diagnostic function monitors the value to the compressor bypass value.	Turbscharger/Siquenharger Spass Valve 3/ Control Circuit Figh. Siquenharger Spass Valve Siquenharger Spass Valve	The facts in exceptional by the above count's appearance of the country of the co	condition - Ontopard elegs- Notice - Notice STELERN LILV, STELERN END PANA actuation signal IN	Defect in string harmes between compressor bypass wide and OME  Compressor bypass and defect compressor bypass wide and OME  Compressor bypas and defect compressor bypass and the compressor bypass an	Proseible appower pringstorns:  Preser reduction, CC message for engine malkington  None  None  None
MEV017.2- BN00200 0x122002 1187	Bygasa blose off salve, activation: short circuit to The diagnostic function monitors the wire to the component flygian value.	Tutschurger/Supenhager Spyslas Vales X Control Cont Core Cont Core Supenhager Sypsia Vales  Supenhager Sypsia Vales	all contains diagnostic function.  Posterial apposition source(s): - Deletic review primera between compressed bytesse between compressed bytesse - Compressed bytesse with the first last if a logged in the common  deletic review of the common  moderative contains and contains  the common  the	condition: - Ontoward decs. None - None STELERN_LILV_STELERN_ENDEPMEN activation signal N	- ECE ensures awaring lamp - Commission warring lamp - Collect in wirely harriness between compressor bypase - Water and DME - Compressor bypase and DME - Compressor bypase and DME - Replace compressor bypase - Water and DME - Replace compressor bypase - See described in the Compre	Proudle apparet lymphrms: Breakdown rotos: Peer reduction, CC message for engine sealandoin Nove Nove Nove
MEVD17.2. BN2020 0x122004 1187	The diagnostic function monitors the wire to the diagnostic function monitors the wire to the compressor hypers valve.	Turboharger/Supercharger Syste Valve 3r. Control Grout Supercharger Bysses Valve	Posterial application source(s) - Debic or with primaria belleance compressed bytess belleance compressed bytess - Compressed bytes - Compress	condition: - Orbital defect - None STEUERN, U.V., STEUERN, ENDE PANN activation signal N	- Dathert in wiring harmons balence compressor bypass - Check wiring harmons balence compressor bypass - Compressor bypass which defective - Replace DME	Prosible appared symptoms: Breakforum rotino: Prover reduction, CC message for engine malfunction None None  None
MEVD17.2- BN0020 0x122108 1188	The diagnosis fundion monitors the amproposar bypose valve to discerning if it is according in its cossed bypose valve to discerning if it is according in its cossed position.		Potential problem source(s): - Salzad compressor bypass This Saut is logged in the control valive module's Sauf memory	condition - Ontopard select Notice - Notice NO notice N	- Read of table logical in contramendate. If the faul was been present these stores.  - Secand compressor lypicas valve.  - Secand compressor lypicas valve.  - Compressor lypicas valve deficitie.  - Replace lutborhager.  - Ecc execution and execution of the contrament of the contr	Possible appearst programs: Brasistone notice: Increased pumping roles from butbotherger None None  None  None
MEVD17.2- BN2020 0x123001 1191	The diagnostic function moleton the electrical wise from the DME to the electrical wise from the DME to the electrogrammic pressure process.  Washageds, activation about circuit to positive processes.	Turbochwynr Skyarchwynr Washayna Solerod X 1990	Rection.  Polletal profession sciencies; - Outletich withing himmed - Control of the Control - C	condition - Ontoined dates Norwa Norwa State - Norwa Species (State - Species	Reduction off   - Contactive owing hamess  - Collective owing hamess  - Electropromination pressure conventor is deficitive  - Replace electropromination pressure conventor in collective  - Replace SAME  - Replace SAME  - Contactive DAME  -	Possible apparent symptoms:  CC message, customer proceeds to service facility, loss Broaddman notice:  Note:  Not
MEVD17.2- BN0020 0x123002 1191	The diagnostic function mentions the electrical view from the DME to the DME to the electrical view from the DME to the DME t	Turbschiergen/Superchargen Wastegank Solenosi Y. Solen		condition: - Ontourd delet - None steam, (bit , diseam, and a _bst   PAM activation signal, Ontoine N	- Eclidation entry passes - Districtive wiring hammas - Districtive wiring hammas - Districtive wiring hammas - Registers extemply marked - R	Possible appared symptoms: CC message, customer processib is sainted facility. Breakdown redice: More More None
	The diagnosis function meature the electrical wire		The fault is incorporate by the diversion of the control factors.  Profession source(s): - Obstice wide yoursess: - Electropresurate pressure This fault is logged in the control Visitage core	confider: - Oncourt disc	- ECE consiston warring lamp - ECE entance proper power - ECE entance proper power - exaction of - Contesting in - Contesting in - Other wiring harmons - Other wiring harmons - Other wiring harmons - Util executive engine power	Possible apparent symptoms:

		The fault is recognized when the larned signation the pre- catalyst congens sensor deviated too much from the tamedsa			- ECE emissions warning lamp: on - ECE electronic engine power	<u> </u>
		too much from the laminosa signal from the oxygen sensor behind the catalytic conventer.			- EUC: executionic engine power reduction. con  - CC message: on	Breakdown notice:
The diagnostic function monitors the voltage of the pre- pre- catalystic opgins among and compares it with MEVD17.2- Onesen sensor before catalytic conventer, system voltage of the convent sensor before the catalytic conventer.	the distribution of the state o	Potential problem source(s): This fault is logged in the control - Detective wiring harmses modula's fault memory		Inspect wiring harmess between oxygen sensors before the control of the control oxygen sensors before and period catalytic control oxygen sensors before an experience of the control oxygen sensors before an experience oxygen sensors before an experience oxygen sensors before an experience oxygen sensors before a control oxygen sensor oxygen sensors before a control oxygen sensor oxygen se	- US emissions warning lamp: off - US electronic engine power reduction: off - MIL lights up when fault is detected in two	Continued driving is possible, but because the oxygen sentor is not ready for closed-loop control, conversion of arbitrary lagases in the catalytic conventer will be
MEV0172- BNQ020 0s128101 1212873 Oxygen sensor before catalytic conventer, system voltage of the oxygen sensor behind the catalyt BNQ020 0s128101 1212873 check: Signal fixed at learn conventer (at lambda = 1).	c Q2 Sensor Signal Biased Stuck Lean (Bank 1 Sensor Onygen Sensor, Front Signal Companies Compan	Check - Datective anygen sensors immediately, none Voltage condition: - Onco The fault is recognized when the	and elect - Engine warmed to normal temperal - None NO none	Defective oxygen sensors     Onverter     Defective oxygen sensors     Onverter	reaction: on minimum and its obstaction in not consecutive driving cycles  - CC message: note none consecutive driving cycles	or extracts graces in the custype converter we be seriously impaired. None
		lambda signal from the pre- catalyst copying sentor deviates too much from the lambda signal from the copyins sentor				
		signal from the oxygen sensor behind the catalytic converter.			- ECE emissions warning lamp:     on     - ECE elactronic engine power	
		Potential problem source(s): - Leak in exhaust system before			- ECE electronic engine power resolution co - CC message: on - CC message: on	Breakdown notice:
The diagnostic function monitors the voltage of the pre-catalystic origins series and companies it with MEVD17.2- Oxygen series before catalytic convenier, system	the control of the co	onygen sentaors  - Debective writing trainesses arrives fault is logged in the control  - Origina second refere cutalyric modula's fault memory		Leak in exhaust system before oxygen sensors     Defective wiring harness     Check wiring harness sensor and DMD.	- US emissions warning lamp; off - US decronic engine power eduction: off - MIL lights up when Burt is detected in two	Continued driving is possible, but because the oxygen sensor is not ready for closed-loop context, conversion of shaust gases in the catalytic converter will be
MEV017-2- BN0020 0x128301 1213185 Ohygen sensor before catalytic conventer, system voltage of the oxygen sensor behind the catalyt check: Signal fixed at grease voltage of oxyreyter (at lambda = 1).	P2196 C2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1) Oxygen Sensor, Front Signal	Chieck Contents delicate Immediately none votage consists: - Once	and elect - Engine warmed to normal tempers - None NO none	N - Oxygen sensor before catalytic converter defective - Replace pre-catalytic oxygen sensor	- CC message: none none consecutive driving cycles	seriously impaired. None
		The fault is recognized when an electrical malfunction is present in the oxygen sensor before the			- ECE emissions warning larny: on - ECE electronic engine power	
		catalytic conventer.  Potential problem source(s):			reduction: on - CC message: on - Possible apparent symptoms:	Breakdown notice:
MEVD17.2- Oxygen sensor before catalytic conventer, in The diagnostic function monitors the voltage of the	e OZ Sensor Out of Range During Deceleration (Bank 1	Detective witing harmess     Oxygen sensor before catalytic     convente defective     module's fault memory		Check wiring harness between pre-catalyst oxygen     Oxygen sensor before catalytic converter defective     Replace pre-catalyst oxygen sensor	- US emissions warning lamp; off - US dectronic engine power electronic engine power electronic engine power electronic engine power electronic off - Higher exhaust emissions - Higher land consumption	Continued driving is possible, but because the oxygen sentor is not nearly for closed-loop control, conversion of exhaust gases in the catalytic converter will be
BN2020 0x128501 1213897 coasting/overrun mode: Signal outside limit value oxygen sensor before the catalytic converter.	P2297 Sensor 1) Oxygen Sensor, Front Deca	eration - Defective DME immediately, none Voltage condition: - Onbo	and elect - Engine warmed to normal tempers - Overrun operation must be presen NO Read-out available from tea	ter serviN - Defective DME - Replace DME	-CC message: none none -Surga -ECE emissions warning lamp:	seriously impaired. None
		The fault is recognized when closed-loop sensor reacts too			FCF electronic engine nower	
		slowly to changes in the crygen concentration within the exhaust gas.			reduction: ce  - CC message: on  - Possible applient symptoms:  - US emissions warning large; off  - MIL tamps lights up after 2xd driving cycle	Breakdown notice: Continued driving is possible, but because the oxygen
MEVD17.2- Coygen sensor before catalytic conventor, dynamic response of the oxygen sensor before the cataly	Sic Control of the Co	Potential problem source(s): - Oxygen sensor before catalytic logged when the fault remains		- Replace oxygen sensor before catalytic converter if	- US electronic engine power - Higher exhaust emissions reduction; off - Higher fixel consumption	sensor is not ready for closed-loop control, conversion of exhaust gases in the catalytic converter will be not plausible, perform cylinder balancing following
BN2020 0x128801 1214721 response slow response converter.	P0133 Q2 Sensor Circuit Slow Response (Bank 1 Sensor 1) Ovygen Sensor, Front Slow I	The fault is recognized when the owners server on the engine.	and elect - Engine, warmed to normal tempera - None NO none	N - Oxygen sensor before catalytic converter defective fault frequency is greater than 3	- CC message: none none Surge  - ECE emissions warning lamp:	seriously impaired. repair
		side of the catalytic converter is not screwed frimy into place and/or the threaded connection			- ECE electronic angine power reduction: on	
		is not sealed.  Potential problem source(s):		Determine whether the pre-catalyst coygen sensor is installed at the connect position.     Determine whether the pre-catalyst coygen sensor is.	- CC message: on  Possible apparent symptoms:  - US emissions worning lamp: off  - MIL lamp lights up after 2nd driving cycle	Breakdown notice:
MEV017-2- PA0000 0x12801 1215723 Oxygen sensor before catalytic converter, installation: The diagnostic function monitors convert installation: the revenue sensor before the catalytic converter installation:	100 P244 (7) Specy Enhanced Sounds Env (State 1 Concert 1)	Pre-catalyst oxygen sensor not screwed in tightly or hanging in logged when the fault remains	and signs. Engine warment to normal terrogal. None	Pre-catalyst oxygen sensor not screwed in tightly or Inspect the pre-catalyst oxygen sensor for damage	- US electronic engine power - Higher exhaust emissions reduction: off - Higher fuel consumption	Continued diving is possible, but because the crygen sensor in not ready for closed outgo control, convension of exhaust gases in the cetalytic convertier will be the continued outgoing to the cetalytic convertier will be
BNQ000 0x128B01 1215233 sensor not connected the onygen sensor before the catalytic conventi	r P2414 O2 Sensor Eshaust Sample Error (Bank 1 Sensor 1) Onggen Sensor, Front Eshaust S	ample Error the air present for longer than 2 min. none Voltage condition: - Onto  The fault is recognized when an	and slace. Engine warmed to normal tempera. None NO onne	N hanging in the air - Replace pre-cutalyst oxygen sensor	-CC message: none none -Surge -ECE emissions warning lamp:	seriously impaired. None
		electrical malfunction is present in the oxygen sensor before the ostabytic conventer.			on - ECE electronic engine power reduction: on	
		Potential problem source(s): - Defective wiring harmess		- Check wiring harmeds behween pre-catalyst oxygen	- CC message: on Possible apparent symptoms:  - IIS emissions worning larger off fixing nurie	Breakdown notice: Continued driving is possible, but because the oxygen
MEV017.2- BN0000 0:r128E01 1216001 Oxygen sensor before catalytic convener, line fault:  The diagnostic function monitors the internal sensor before catalytic convener, line fault: substance and the output voltage of the oxygens sensor before catalytic convener.	OZ Sensor Reference Voltage Circuit/Open (Bank 1 P2243 Sensor 1) Oxygen Sensor, Front Referen	Oxygen sensor before catalytic     This fault is logged in the control     module's fault memory	ard elect - Engine warmed to normal tempers - None NO Risad-out available from tes	Defective wiring harness sensor and DME     Oxygen sensor before catalytic converter defective Replace pre-catalyst oxygen sensor	US allectronic engine power     I US allectronic engine power     reduction: off     reduction: off     Commessage; rone none     Surge	Commission unrigid productions for observations are surgicial senteror in not ready for closed-doop control, conversion of exhaust gases in the catalytic converter will be seriously impaired. None seriously impaired. None
Service of sear fit constitution	Opportunities, 1,000 Person	The fault is recognized when the	Commonwealth and the Committee of the Co	Tispas Jos.	- ECE emissions warning lamp:	The state of the s
		coygan sensor before the catalytic conventer that so transmit a signal.			- ECE electronic engine power reduction: on - reduction: on	
		Potential problem source(s): - Dafective wiring harmss		- Check wiring harmess between pre-catalyst oxygen		Breakdown notice: Continued driving is possible, but because the oxygen
MEVD17.2- BN0000 0x128E08 1216008 Corygen sensor before catalytic conventor, line fault: The diagnostic function monitors the pre-catalytic services are conventionally conventional line crypen sensor.	t C2 Sensor Pumping Current Trim Circul/Open (Bank P2626 1 Sensor 1) Onygen Sensor, Front Pumpin	Conygen sensor before catalytic conventor defective 600 sec. If the tank is not	ard elect - Engine warmed to normal tempers - None NO Read-out available from see	- Defective wiring harness sensor and DME - Oxygen sensor before catalytic converter defective - Replace propriet sensor - Defective DME - Replace DME - Replace DME	- US entroline warring lamp; off - US electronic reginal speak part 2nd driving cycle - US electronic reginal speak part 2nd driving cycle - US electronic reginal speak part exhauted residence reduction; off - CC message, rone - none - storage	Commission writing as positions, Cost outcomes are usuaged senter in an extended in contract of contract or conversion of exhaust gases in the catalysic conventer will be seflough groups and contract or contrac
		The fault is recognized when an electrical malfundon is present			- ECE emissions warning lamp:	
		electrical malfunction is present in the oxygen sensor before the catalytic conventor.			. ECE electronic engine power reduction: can - CO message: on - CO message: on	
		Potential problem source(s): - Detective wiring harness		Check wiring harmess between pre-catalyst oxygen	Possible apparent symptoms: - US emissions warning lamp: off - MIL lamp lights up after 2nd driving cycle	Breakdown notice: Continued driving is possible, but because the oxygen
MEVD17.2- Chrygen sensor before catalytic converter, signal lines: The diagnostic function monitors the controller in BN2020 0x120001 1218513 Short circuit to B+ DME.	te P0132 Q2 Sensor Clicuit High Voltage (Bank 1 Sensor 1) Ongen Sensor, Front Ele	Otygen sensor before catalysic Trisis Statt is logged in the control conventer defective conventer defective Trisis Statt is sound to state the control conventer defective Trisis State that the control conventer defective Trisis State that the control contr	and elect - Engine warmed to normal tempers - None NO Read-out available from Iso	- Defective wiring harness sensor and DME - Oxygen sensor before catalytic converter defective - Replace pine-catalyst oxygen sensor tear serv(N - Replace DME - Replace DME - Replace DME	- US electronic engine power - Higher exhaust emissions reduction: of - Higher lead consumption - CC message, none none - Surge	sensor is not ready for closed-loop control, conversion of exhaust gases in the cetalytic conventer will be seriously impaired. None None
		The fault is recognized when an electrical maliumfion is present			- ECE emissions warning lamp:	
		electrical maturation is prosent in the conjugary a sensor before the catalytic conventor.			- ECE electronic engine power reduction: on - Commission on -	
		Potential problem source(s):  Deficielly, suidon homeses		Check wiring harmess between pre-catalyst oxygen		Breakdown notice: Continued driving is possible, but because the oxygen sensor is not ready for closed-loop control, conversion
MEVD17.2- Chrygen sensor before catalytic conventor, signal lines: The diagnostic function monitors the controller in DME.	te P0131 C2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) Ongen Sensor, Front Ele	- Original seasor before cataly: This fault is logged in the control conventer deflective conventer deflective models fault memory inhosal - Defective DNE immediately, none Voltage condition: - Chick	and electi - Engine warmed to normal tempera - None INO Read-out available from tea	Objective wirely barness sensor and DME     Okygen sensor before catalytic convented defective Replace pre-catalyt knygen sensor of cer servity     Defective DME - Replace DME - Replace DME	- US entroline swarring lamp; off  - Mil. temp lights up with 2nd driving cycle - US detection (apprile power  - reduction; off  - CC message, none none none - Surge	sensor is not ready for closed-loop control, convension of exhaust gases in the catalytic conventer will be seriously impaired. None
					- ECE emissions warning lamp:	
		The fault is recoonized when the			- ECE electronic engine power reduction: on - CO message: on - CO message: on	
		The fault is recognized when the oxygen search chip in the DME detects a fault.  This fault is logged in the control			US emission sening lamp: off     US electronic engine power     Possible apparent symptoms:	
MEV017-2- BN2020 0x129201 1217025 DME, internal fault, oxygen sensor before catalytic The diagnosis function monitors the controller in DME.	the C2 Sensor Initialization Error WRAF-IC (Bank 1 Sensor Oxygen Sensor, Front ECM	Potential problem source(s): module's fault memory	and elect - None NO oone	Only replace the DME if the fault remains present     ONE defective continuously or if the fault frequency is greater than 3.	- US electronic engine power Possible apparent symptoms: reduction: off - Fossible apparent symptoms: - Engine runs poorty CC message: none none - Breakdown in extreme cases	Breakdown notice: - none - none
					- ECE emissions warning tamp: on	
		The fault is recognized when the			- ECE electronic engine power reduction: on  - CC missage: on	
		oxygen sensor chip in the DME detects a fault.  This fault is loosed in the control			- US emissions warning larner off - US electronic engine power Possible apparent symptoms:	
MEVD172.  BN2020 0x129202 1217028 DME, internal fault, oxygen sensor before catalytic The diagnostic function monitors the controller in DME.  DME.	he C2 Sensor Disturbed SPI Communication to WRAF-IC Congent Sensor, Front ECM:  P3022 (Rank 1 Sensor 1) Chygen Sensor, Front ECM:	Potential problems source(s): module's fault mamory	and alead - None NO none	Only replace the DME if the fault remains present     Only replace the DME if the fault remains present     Continuously or if the fault frequency is greater than 3	reduction: off - Engine runs poorly - CC message: none - none - Breakdown in extreme cases	Breakdown notice: - none - none
					- ECE amissions warning tamp:     on     - ECE electronic engine power	
		The fault is recognized when the oxygen sensor chip in the DME			- CLC was earlier to power reduction. co - CC message: on	
DME; internal fault, corygen sensor before catalytic conventor oxygen-sensor modulus, signal-circuit The diagnossic function monitors the controller in		detects a fault.  The diagnostic fault code is		- Only replace the DME if the fault remains present	- US emissions warring lamp: off - US electronic engine power Possible apparent symptoms:	
MEVD172- BN2020 0x129A20 1219104 conventer: coxygen-sensor module, signal-circuit The diagnostic function monitors the controller in I DME.	he O2 Sensor Signal Circuit Adaptation Value Too High P3012 (Sant 1 Sensor 1) Onygen Sensor, Front ECM	Potential problem source(s): logged when the fault remains - DME defective present for longer than 1 min. none Vidtage condition: - Once	and sleed - None NO none	Y - DME defective - Only replace the DME if the fault remains present continuously or if the fault requency is greater than 3	reduction: of - Engine runs poorly - CC message: none none - Breakdown in extreme cases	Breakdown notice: - none - none
					ECE emissions warning lamp:     on     ECE electronic engine power	
		The fault is recognized when the oxygen sensor chip in the DME			reduction: on - CC message: on	
MEVD17.2- DME, internal fault, oxygen sensor before catalytic The diagnosis function monitors the controller in	TO Seppor MARK I' Counts I toleran Tool our Great 4	oxygen serior or pin in to the dispression from the dispression from the dispression from the dispression from the fourt remains		- Only replace the DME if the fault remains present	- US emissions warning lamp; off - US dectronic engine power reduction; off - Engine runs poorly - Engine runs poorly	Residentines noting
ME(U1712- BNQ020 0:128A21 1219105 converter, canygen-sensor before catalytic DME. Internal fault, crygen-sensor before catalytic Converter, carygen-sensor module, undervoltage DME.	te C2 Sensor WRAF-IC Supply Voltage Too Low (Blank 1 P3014 Sensor 1) Onygen Sensor, Front ECM	self-Test - DME defective present for longer than 1 min. none (Voltage condition: - Onto The fault is recognized when the	and alect - None NO none	Y - DME defective - Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3	- CC message: none - Breakdown in extreme cases	Breakdown notice: - notice
		voltage of the oxygen sensor behind the catalytic conventor remains considerably too high.			ECE emissions warning tamp:     on     ECE elactoriosis engine power	
		Potential problem source(s): - Miduse too rich			reduction: on - CC message: on	Breakdown notice:
MEVD17.2- Oxygen sensor after catalytic converter, system check: of the oxygen sensor behind catalytic converter.	99	- Institute (out into in  - Defective welling harmanise - Oxygen sensor behind catalytic converter defective logged when the fault remains		Minture too rich     Defective wiring harmass     Ohygen searce behind catalytic conventer and DME     Replace congress acreate behind catalytic conventer.	- US emissions werning lamp: off - US electronic engine power reduction: engine power reduction: off MIL lights up when fault is detected in two	Continued driving is possible, but because the oxygen sensor is not ready for closed-loop control, conversion of shituard gases in the catalyst conventer will be
MeVUT7.2- BA22200 0x12A101 1220865 Usygen sensor after catalytic conventer, system chack: of the oxygen sensor bentild catalytic convents signal food at right.	P2271 O2 Sensor Sgrall Biased Stuck Right (Bank 1 Sensor 2) Oxygen Sensor, Rear Signs	i Check - Defective DME present for longer than 10 min. none Voltage condition; - Onbo	and elect - Engine warmed to normal tempers - None NO none	Unygen sersor benna catalytic conventor detective - Hepsace oxygen sersor benna catalytic conventor     N - Defective DME - Replace DME - Replace DME	reaution: or MIL legits up within Start is detected in two consecutive driving cycles consecutive driving cycles	of exhaust gases in the cotatyte conventer will be seriously impaired. None None
		The fault is recognized when the voltage of the oxygen sensor behind the catalytic conventor				
		bashed the catalytic conventor remains consistently too low. Potential problem source(s):		- Check the connection between the DME and the	ECE emissions warning lamp:     on     ECE electronic engine power	
		Protential process source(p):  - Mitture too (salar  - Leak in exhausts of citating in consideration or engines and or citating in conventer or engines and or citating in conventer or citating in ci		oxygen sensor behind catalytic converter  - Mixture too lean - Determine whether the oxygen sensors are in the	- ECC- execution ic infiging power reduction: on - CC message: on	Breakdown notice:
The diagnostic function monitors whether the voltage	98	Defective wiring harmess     Oxygen sensor behind catalytic     The diagnostic fault code is		Leak in exhaust system on ergine-sind of catalytic wrong mutual locations     converter     Defective wiring harness     Converter	- US emissions warning lamp; off - US electronic engine power  - US electronic engine power  Mill Softe an whose fluid in detected in two	Continued driving is possible, but because the oxygen sensor is not ready for closed inno control conversion.
MEVD172.  BN0000 0r12A502 120888 Signal fixed at lean creatrylic convents, system check: of the anygen sensor behind catalytic convents system check: sensor selected at lean remains stack at a low value.  MEVD172.  Olygen sensor after catalytic convents, dynamic	P2270 Q2 Sensor Stow Response. Rich to Lean (Bank 1  Q2 Sensor Stow Response. Rich to Lean (Bank 1		and alexal Engine warmed to normal temperal None NO none	Oxygen sensor behind catalytic converter defective     Replace oxygen sensor behind catalytic converter     Defective DME     Replace oxygen sensor behind catalytic converter     Replace oxygen sensor behind catalytic converter	reduction: of MIL lights up when faul it is distincted in two consecutive driving cycles one consecutive driving cycles.	of exhaust gases in the catalytic convertor will be seriously impaired. None
DRICKON CATANON 1221384 Inspection and Catany to Contract Cympus Catany	P013A Sensor 2) Onggen Sensor, Rear Slow I	The fault is recognized when an	- None		- ECE emissions warning lamp:	
		electrical malfunction is present in the crygen season behind the catalytic convention:			on - ECE electronic engine power reductions on	
		Potential problem source(s): - Oxfective writing harness		- Check the connection between the DME and the	- CC message: on - US emissions warning lamp: off	Breakdown notice: Continued driving is possible, but because the oxygen
MEVD17-2- BN2020 0x12A701 1222401 Oxygen sensor after catalytic conventor, electrical: The diagnostic function monitors electrical status the oxygen sensor behind catalytic conventor.	of P0138 OZ Sensor Circuit High Voltage (Barik 1 Sensor 2) Oxygen Sensor, Rear Ele	Oxygen sensor behind catalytic     This fault is logged in the control     conventer defective module's fault memory	and electi - Engine warmed to normal temperal - Active heater artivation move sharfNIT	Defective wiring harness coygen sensor behind catalytic converter     Oxygen sensor behind catalytic converter	- US electronic engine power reduction; off Possible apparent symptoms:	sensor is not ready for closed-loop control, conversion of exhaust gases in the catalytic converter will be
BN2020 0x12A701 1222401 Short circuit to B+ the anygen sensor behind catalytic conventer.	P0138 Q2 Sensor Cliquit High Yoltage (Barlis 1 Sensor 2) Crygen Sensor, Rear Ele	The fault is reconsisted when an	ard elect - Engine warmed to normal temperal - Active heater activation more than NO Read out available from tea	cor servitit - Dafective DME - Replace DME	CC message: none none MIL tamp on after second driving cycle      ECE emissions warning lamp:	seriously impaired. None
		electrical matfunction is present in the crygen sensor behind the category convents.			on - ECE electronic engline power reduction: on	
		Potential problem source(s): - Detective write pharmsca		- Inspect witing harmoss between oxygen sensor	Rountenant or Commissions warning tamp: off	Breakdown notice: Confirmed driving is possible, but because the oxygen
MEVD17.2- BN2020 0x12A002 1222914 Oxygen sensor after catalytic conventor, electrical: The diagnostic function monitors electrical status BN2020 0x12A002 1222914 Short disput to earth the oxygen sensor behind catalytic conventor.	of P0137 C2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) Oxygen Sensor, Rear Ele		ard elect - Engine switched off at temperature - Active healter activation more than NO Read out available from tea	Defective wiring harness behind catalytic converter and DME     Oxygen sensor bahind catalytic converter     Replace oxygen sensor behind catalytic converter	Deficiency and the second of the second	Commission change of the catalytic convention of the catalytic convention of exhaust gases in the catalytic convention will be selected in catalytic convention of exhaust gases in the catalytic convention will be selected; inspired.
um usayan mana samii G calaya, Correlan	CAPPEN UNION, 1988.	The fault is recognized when an	The state of the s	Tilgana Jan.	- ECE emissions warning lamp:	
		electrical malfunction is present in the oxygen sensor behind the catalytic conventur.			on - ECE electronic angine power eduction: on	
		Potential problem source(s): - Defective wiring harmess		Inspect wiring harmoss between oxygen sensor     behind catalytic conventor and DME     Check healing of anysyn ensort behind catalytic	- CC message: on - US emissions warning large: off	Breakdown notice: Continued driving is possible, but because the oxygen
	nor l	Oxygen sensor behind catalytic     Converter defective logged when the fault remains	and elect - Engine warmed to normal tempers - Active heater activation more than NO Read-cut available from tea	Defective wiring harness converter     Oxygen sensor bathind catalytic converter defective Replace oxygen sensor behind catalytic converter	- US electronic engine power reduction: off Possible apparent symptoms: - CC message: rone none MIL large on after second driving cycle	sensor is not ready for closed-loop control, conversion of exhaust gases in the catalytic converter will be sensouly impaired. None
MEVD17.2- BND020 0x12AB04 1229426 Unygen serior after catalytic conventer, electrical: The diagnostic function monitors the oxygen serior after catalytic conventer.  Line disconnection behind catalytic conventer.	P0136 O2 Sensor Circuit (Bank 1 Sensor 2) Oxygen Sensor, Rear Ele					
ME/1017.5 Chr.134664 1223428 Orygen sensor after catalytic conventer, electrical The diagnostic function monitors the origen sensor after catalytic conventer, electrical The diagnostic function monitors the origen sensor period of the diagnostic function of the diagnostic function monitors the origen sensor after catalytic conventer.	P9136 O2 Sensor Circuit (Bask 1 Sensor 2) Onggen Sensor, Rear Be				- ECE emissions warning lamp:	
MS-1017.2 Crygen seneral rifer catalysis convenier, electrical: The disgraded backers notice the urgan seneral file of the disconnection of the disconnection believed catalysis's convenier.	P0156 O3 Seeser Circuit (Bark 1 Seeser 2) Organ Sersor, Rear Be	The fault is encopolized when the symmos spinet from the post- catedy of expense ment displayed			on - ECE electronic engine power reduction: on	
ME/017.2 br124604 122348 Organ sensor that catalytic convents: electrical The diagnosis function motions the organ sensor that catalytic convents to believe diagnosis function motions the organ sensor shall be diagnosis function motion to the diagnosis function motion function function motion function function motion function functi	P0156 O3 Sensor Circuit (Bark 1 Sensor 2) Oygan Sensor, Rear Be	The fault is accopitated which the dynamic signary from the pace casking drapper server ordersping excession lab ().  Protection proteins mucros(s):			on on a contract and	
MSYG172 0x124664 1223438 Onggen werear shar categing conventure, electrical The dispersion function models the unique sensi- bellend salabjet conventure.	P0156 O3 Sensor Circuit (Bark 1 Sensor 2) Oygan Sensor, Riser Bis	The fault is recognized when the quartie signal from the post- casing integraph amon displays excessive signal excessive signal post of the post o	ord dates	- Impact wing harness between copyen sensor	on - ECE electronic engine power induction; ca - CO message on	

								The fault is recognized when an activation signal is transmitted to the caygen senior before the catalytic convexers and an								- ECE emissions warning lamp: on - ECE electronic engine power				
MEVD17-2- BN2020 0x12B101		nsor heater before catalytic conventer, waten: short circuit to positive	The diagnostic function monitors activation of the heater for the oxygen sensor before the catalytic conventer.	P0032	HOZS Heater Control Circuit High (Bank 1 Sensor 1)	Oxygen Sensor, Front	Heater Electrical	electrical defect is present.  Potential problem source(s):  - Defective writing harmess.  - Overgon sensor before catalytic convente offective insolders that memory or objective DME immediately, immediately.	none	Voltage condition: - Onboard elect	- None - 10 sec. after engin	start While an appropriate tester sen	oo Inone N	Defective wiring harness     Oxygen sensor before catalytic convenient defective     Defective DME	- Check wiring harmess between pre-catalyst crygen sensor and DME - Replace pre-catalyst crygen sensor - Replace DME - Replace DME	reduction: on - CC message: on - US emissions warning lamp: off - US emissions warning lamp: off - US electronic engine power reduction: off - CC message: none	none	Possible apparent symptoms: - MIL lamp lights up after 2nd driving cycle - Higher exhaust emissions - Higher laul consumption - Surga	Breakdown notice: Continued driving is possible, but because the ory sensor is not ready for closed-loop control, convex of exhaust gases in the catalytic converter will be sensorally impaired.	ion
								The fault is recognized when an activation signal transmitted to the oxygen sensor before the catalytic conventer and an electrical defect is present. Potential problem source(s): - Defective wiring harmss							- Check wiring harness between pre-catalyst oxygen	- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on - US emissions warning lamp: cfff		Possible apparent symptoms:  - MIL lamp lights up after 2nd driving cycle	Breakdown notice: Continued driving is possible, but because the ony	en
MEVD17.2- BN2020 0x12B103	Oxygen-sen 2 1224962 acth	nsor heater before catalytic converter, heation: short circuit to ground	The diagnostic function monitors activation of the heater for the oxygen senses before the catalytic conventer.	P0031	HO2S Heater Control Circuit Low (Bank 1 Sensor 1)	Onygen Sensor, Front	Heater Electrical	Oxygen searce before catalytic conventer diffective conventer diffective conducter diffective conducter state memory interest in conductive state memory interest in conductive state memory interest.  The fault is recognized when an activation signal is transmitted to the oxygen sensor before the catalytic conventer and an	none	Voltage condition: - Onboard elect	- None - 10 sec. after engine	s start While an appropriate tester sen	ce nome: N	Defective wiring harmass     Oxygen sensor before catalytic converter defective     Defective DME	sensor and DME  - Replace pre-catalyst curyon sensor  - Replace DME	US electronic engine power reduction: off	none	Higher exhaust emissions     Higher fuel consumption     Gurge	sensor is not ready for closed-loop control, conveil of exhaust gases in the catalytic conventer will be seriously impaired.	ion III None
MEVD17.2- BN2026 0x128104		nsor heater before catalytic conventer, activation: open circust	The diagnosis function monitors activation of the heater for the crygen sensor before the catalytic convention.	P4090	HO25 Heater Control Circuit (Bank 1 Sensor 1)	Ongen Sensor, Front	Healer Electrical	exection detect is present. Planting lapsofers incursicy Out-clear wirely samels Ouges search restine casalysis Out-clear wirely samels This sust is logged in the control Out-clear office-live Out-clear ONE.  The fault is coopylate when in sub-clear out-clear out-clea	none	Voltage condition: - Onboard elect	- None - 10 sec. after engin	start While an appropriate feeder sen	sa rona N	Defective wiring harness     Oxygen sensor before catalysic conventr defective     Oxtoorder DME	Chack wiring harness between pre-catalyst oxygen sensor and DME     Replace pre-catalyst oxygen sensor     Replace DME     Replace DME	reduction: on  - CC message: on  - US electronic engine power reduction of  - CC message: none  - ECE emissions warning lamp: on	none	Possible apparent symptoms: - MIL lamp lights up after 2nd driving cycle - Higher enhaut errisations - Higher ball consumption - Surge - Burge	Breakdown notice: Continued driving is possible, but because the ony sentor is not ready for closed-loop context, conversion of exhaust gease in the crashy-conviers will be sentiously imported.	een ioon 1 None
MEVD17.2- BN2020 0x12B301	Oxygen-set	onsor heater after catalytic converter, valion: short circuit to positive	The diagnostic function monitors activation of the heater for the oxygen sensor behind the catalytic conventer.	P0038	HO25 Heater Control Circuit High (Bank 1 Sensor 2)	Oxygen Sensor, Rear	Heater Electrical	and an electrical ordets is present.  Potential problem source(s): - Defective writing harmans Defective writing harmans Defective for the control order or	none	Voltage condition: - Onboard elec	- None - 10 sec. after engin	start STEUERN_LSH2, STEUERN_	NI none N	Defective wiring harness     Oxygen sensor bahrist catalytic converter defective     Defective DME	Inspect wiring harmess between oxygen sensor behind catalytic conventer and DMF.     Replace oxygen serior behind catalytic conventer - Replace DME.	-ECE electronic engine power reduction: on  - CC message: on  - US emissions warning lamp: off  - US electronic engine power reduction: off  - CC message: none	none	Possible apparent symptoms: - MIL lamp lights up after 2nd driving cycle	Breakdown notice: Continued driving is possible, but because the any sensor is not ready for closed-loop contect, convex of exhaust gases in the catalytic converter will be sentiously impaired.	ion
			The diagnostic function monitors activation of the					activation signal is transmitted to the healer for the organs remore behind the catalytic conventor and an electrical delect is present.  Petertain profilem source(s)  - Delectrie writing harmas  - Organs resons orbanic datalytic.  This fault is logged in the control						- Defective wiring harmess	- Inspect wiring harmess between oxygen sensor behind cutalytic conventer and DME	- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on - US emissions warning lamp: off - US electronic engine power reduction: off			Breakdown notice: Continued driving is possible, but because the oxy serior is not ready for closed-dop control, conve	ion
MEVD17.2- BN2020 0x12B300		insor heater after catalytic converter, ivation: short circuit to ground	heater for the oxygen sensor behind the catalytic conventor.	P0037	HO28 Heater Control Circuit Low (Bank 1 Sensor 2)	Oxygan Sensor, Rear	Heater Electrical	conventer detective modules tout memory  Defective DME  The fault is recognized when an activation signal is transmitted to the heater for the cayen sensor behind the catalytic converter and an electrical detect is	none	Voltage condition: - Onboard elect	-None - 10 sec. after engine	start STEUERN LSH2, STEUERN	NE none N	Oxygen sensor behind catalytic converter defective     Defective DME	- Replace oxygen sensor behind catalytic converter - Replace DME	- CC message: none  - ECE emissions warning lamp: on - ECE electronic engine power	none	Possible apparent symptoms: - MIL lamp lights up after 2nd driving cycle	of exhaust gases in the catalytic conventer will be seriously impaired.	None
MEVD17.2- BN2020 0x12B304	0xygen-ser	ensor heater after catalytic converter, activation: open circuit	The diagnostic function monitors activation of the heaster for the oxygen sensor behind the catalytic conventer.	P0096	HO2S Heater Control Circuit (Bank 1 Sensor 2)	Oxygen Sensor, Rear	Heater Electrical	present. Potential problems source(s): - Detective wirting harmass - Ongens season behind callabje: - Center ordering callabje: - Detective 0ME - Detective 0ME - International callabje: - Detective 0ME - International callabje: - One of the control ordering callabje: - Detective 0ME - International callabje: - One of the control ordering callabje: - One of the con	none	Voltage condition: - Onboard efec	- None - 10 sec. after engin	start STEUERN_LSH2, STEUERN_	NE none N	Defective wiring harmess     Oxygen sensor behind datalytic converter defective     Defective DIME	Inspect wiring harmess between oxygen sensor behind catalytic converter and DME     Replace oxygen sersor behind catalytic converter     Replace DME	reduction: on - CC message: on - US emissions warning large: off - US electronic engine power reduction: off - CC message: none - ECE emissions warning large:	rone	Possible apparent symptoms: -MIL lamp lights up after 2nd driving cycle	Breakdown notice:  Continued driving is possible, but because the ony sensor is not ready for closed-dop control, convex of exhaust gases in the catalytic converter will be seriously impaired.	sen sion None
MEVD17.2- BN2020 0.12850	Oxygen sens	sor heating before catalytic converter, function: Heater fault		P102A	O2 Sensor Heating, Heater Error (Bank 1 Sensor 1)	Oxygen Sensor, Front	Hostor	Potential problem source(s):		Voltage condition: Temperature			None	0	0	on - ECE electrons regime power reduction: on - CC message: on - US emissions warning lamp: off - US electrons engine power reduction: off - CC message: none	new for I-10-03-450	Possible apparent symptoms:	Breakdown nośce:	
								The fault is recognized when the actual internal recipisation of the healter for the crygen sentor behind the catalytic converter remains higher than expected for a specified period of time.								- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on				Because diagnosis relise on assessment of the post- catalyst crysten sensor,
MEVD17.2- BN2020 0x12B701	Oxygen-ser 1 1226497 function	ensor heater after catalytic converter, ion: internal resistance too high	The diagnostic function monitors the difference between the expected and the actual internal resistance in the heater for the oxygen sensor behind the catalytic conventer.	P0141	O2 Sensor Heater Circuit (Bank 1 Sensor 2)	Oxygen Sensor, Rear	Heater Electrical	Potential problem source(s):  - Defective wining harmess - Ourygen sensor belief catalytic  - Ourygen sensor belief catalytic  The fault is recognized when the oxygen sensor before the oxygen sensor before the oxygen sensor before the oxygen sensor before the	none	Voltage condition: - Onboard elect	- None Engine off for longe	r than 13 min. none	none N	Defective wiring harness     Oxygen sensor behind catalytic convenier defective	Check wifing harness between oxygen sensor behind catalytic conventer and DME (contact resistance)     Replace oxygen sensor behind catalytic conventer	- US electronic angine power reduction: off - CC message: none  - ECE emissions warning lamp: on	none	Possible apparent symptoms: None	Breakdown notice: Nonse	Sollowing logging of a diagnostic fault code the enhants system must be inspected for leaks and sealed if any leakage is found (without additional sepair)
MEVD17.2- BN2020 0x12BD2	Oxygen-sen function: o	nsor heater before catalytic conventer, operating temperature not reached	The diagnostic function monitors the temperature of the oxygen sensor before the catalytic converter.	P3026	O2 Sensor Temperature Measurement Operating Temperature not Reached (Bank 1 Sensor 1)	Oxygen Sensor, Front	Temperature Measurement	catalyse conventer talks to actives the second possible promises an active the second possible promotes a attrough the healer is compared to the second promotes and the second promotes active the second promotes active to the second promotes active to the second promotes and the second promotes active to the second promotes and the second promotes active to the se	none	Voltage condition: - Onboard elect	- Engine warmed to normal tempers - 2 min. after engine	start While an appropriate tester sen	aa nona N	Defective wiring harmsss     Oxygen sensor before catalytic converter defective	Check wiring harmess between pre-catalyst oxygen sensor and DME     Replace pre-catalyst oxygen sensor	- ECE electronic engine power reduction: on  - CC message: on  - US emissions warning large off  - US electronic engine power reduction: off  - CC message: none	none	Possible apparent symptoms: -MIL lamp lights up after 2nd driving cycle -Higher schazed errissions -Higher fool consumption -Surge	Breakdown notice: Continued driving is possible, but because the ony sensor is not ready for closed loop control, convenient of exhaust gases in the catalytic convenier will be seriously impaired.	pen ision 2 None
MEVD17.2- BN2020 0x128D2	Oxygen-sens	nsor heater before catalytic conventer, ction: lack of signal readiness	The diagnostic function monitors healting of the oxygen serior before the catalytic converter.	P0135	O2 Sensor Heater Circuit (Bank 1 Sensor 1)	Oxygen Sensor, Front	Heater Electrical	cayges senior before the castalytic covenier table to describe the castalytic covenier table to describe the castalytic covenier describes activacy in the header is covenier. Potential production countrol?  - Defective serior before castalytic covenier describes activative covenier defective medical seal resemble.	none	Notace condition: - Opposed elec-	- Engine warmed to normal tempers - None	While an appropriate tester sen	N N	Defective wiring harmess     Oxygen senset before catalytic converter defective	Check wiring harmess between pre-catalyst crygen sensor and DME     Replace pre-catalyst crygen sensor	- ECE emissions warning lamp: on  - ECE electronic engine power reduction: on  - CC message: on  - US emissions warning lamp: off  - US detcronic engine power reduction: off  - CC message: none		Possible apparent symptoms:  -MIL lamp lights up after 2nd driving cycle -Higher schassion:  - Higher foul consumption  - Gurge - Gurge	Breakdown notice: Continued driving is possible, but because the ony sensor is not ready for closed opp centrel, convex of exhaust gases in the catalytic conventer will to sensors impaired.	ion
		rsor heater before catalytic converter,	The diagnosic function monitors the calibrated					The fault is recognized when the cultrated resistance of the haster for the copyers easiers before the cultifyer conventir in cultiside the bibirance range.								- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on US emissions warning lamp; off US electronic engine power		Possible apparert symptoms: - Mil lamp lights up after 2nd driving cycle - Higher exhaust resistances	Breakdown notice: Continued driving is possible, but because the ony sensor is not ready for closed object other, convex	en en
MEVD17.2- BN2020 0x12BD2	2 1229066 function interna	al resistance of signal circuit too highly resistant	resistance of the heater for the oxygen sensor before the catalytic converter in the DME.	P3016	Internal Control Module O2 Sensor Calibration Resistance Error (Bank 1 Sensor 1)	Oxygen Sensor, Front	Internal Control Module Error	Potential problem source(s): module's fault memory - DME defective immediately.  The fault is recognized when the  voltage of the origins sensor  behind the catalytic converter	none	Voltage condition: - Onboard elec	- Engine warmed to normal tempers - None	NO NO	none Y	- DME defective	- Replace DME if fault frequency is greater than 3	- ECE emissions warning large:	none	- Higher fuel consumption - Surge	of exhaust gases in the catalysic conventer will be seriously impaired.	None
MEVD17.2- BN2020 0x12BD3	Oxygen sen	nsor after catalytic conventer, againg: slage threached not reached	The diagnostic function monitors the voltage of the oxygen sensor behind the catalytic conventer on overrun.	P0190	O2 Sensor Circuit Slow Response (Bank 1 Sensor 2)	Oxygan Sensor, Rear	Slaw Resonase	fait to so story during trailing.  Brottleboverun operation.  Potential profesion sourcuricy:  District in selling trainings between DME and oxygen sensor behind catalytic conventier - Oxygen sensor behind catalytic conventier distortive minded seal memory	2000	Voltage condition: - Onboard elec-	- Engine warmed to normal tempers - Al least 10 sec. in o	werrum oblase Imone	l none	Defect in wiring harnass between DME and oxygen server belief cally fire conventer     Daygen sector behind datalyte conventer defective.	- Inspect wiring harmess between oxygen sensor behind catalytic conventer and DME - Replace oxygen seretor behind oxylytic conventer	on - ECE electronic regime power reduction: on - CC message: on - US emissions warning lamp: off - US electronic engine power reduction: off - CC message: none		Possible apparent symptoms:	Breakdown notice:	.0000
								The fault is recognized when an electrical malfunction is present in the oxygen sensor behind the catalytic conventor.  Potential problem source(s):								- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on			Breakdown notice:	
MEVD17.2- BN2020 0x12BD4	Oxygen sens	sor after catalytic converter, electrical: short clicuit to positive	The diagnostic function monitors electrical status of the oxygen sensor behind catalytic conventer.	P0138	C2 Sensor Circuit High Voltage (Bank 1 Sensor 2)	Oxygen Sensor, Rear	Electrical	Defective wiring harmass     Oxygen seneror behind catalytic convenient officion     Oxygen seneror behind catalytic convenient officion     Oxygen seneror behind catalytic     This fault is logged in the control module's fault memory immediately.  The fault is recognized when an electrical malfunction is oresent	none	Voltage condition: - Onboard elect	- Engine warmed to normal tempers - Active heater active	tion more than NO	Read-out available from teater serve N	Defective wiring harness     Oxygen sensor behind catalysic converter defective     Defective DME	Check the connection between the DME and the oxygen sensor behind catalytic converter     Replace oxygen sensor behind catalytic conventor     Replace DME	- US emissions warning lamp: off - US electronic engine power reduction: off - CC message: none  - ECE emissions warning lamp: on	none	Possible apparent symptoms: MIL lamp on after second driving cycle	Continued driving is possible, but because the con- sensor is not ready for closed-loop control, conve of exhaust gases in the catalytic conventer will be seriously impaired.	pen ion I None
MEVD17.2- BN2020 0x12BD4	Oxygen sens	sor after catalytic conventer, electrical: t circuit or oxygen sensor contaminated	The diagnostic function monitors electrical status of the oxygen sensor behind catalytic conventor.	P0137	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)	Oxygen Sensor, Rear	Electrical	welvate installment of present with engine season behind the calelyte Connection.  Potential potential source(s) - Detective writing harmas converter detective converter detective - Detective Wolff - Detective Wolff - Detective Wolff - Season of the seas	none	Voltage condition: - Onboard elec	- Engine switched off at temperatur - Active heater active	dion more than NO	Read-out available from tester serve N	Defective wiring harmess     Oxygen sensor behind catalysic conventer defective     Defective DME	Inspect wiring harness between oxygen sensor bahrind catalytic converter and DME     Replace oxygen sensors behind catalytic converter     Replace DME	- ECE electronic engine power reduction: on - CO message: on - US emissions warning lamp: off - US electronic engine power reduction: off - CC message: none	none	Possible apparent symptoms: MIL lamp on after second driving cycle	Breakdown notice: Continued driving is possible, but because the org sensor is not ready for closed-loop contect, convex of exhaust gases in the catalytic converter will b seriously impaired.	een kion None
MEVD17.2-		sor after catalytic conventer, electrical:	The diagnostic function monitors the oxygen sensor					The fault is recognized when an electrical multi-ordical is present as the case of the construction of the case of						Defective wiring harmess     Oxygen sensor behind catalytic converter defective	Inspect wiring harmess between oxygen sensor behind catalytic converter and DME     Check heating of oxygen sensor behind catalytic converter     Replace oxygen sersor behind catalytic converter	- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on - US emissions warning lamp: off - US electronic engine power reduction: off		Possible accessent sympotoms:	Breakdown notice: Continued driving is possible, but because the ony sensor is not ready for closed-loop control, convexed of or shaulty convexed with	ion
MEVU17.2- BN2020 0x12BD4	3 1229099 Seria	open circuit	The diagnostic function monters the oxygen sensor behind catalytic conventer.	P0196	O2 Sensor Circuit (Bank 1 Sensor 2)	Oxygen Sensor, Rear	Electrical	conventer oraccive upon a suppose when the taut remans present for longer than 6 min.  The fault is recognized when an electrical malfunction is present in the oxygen sensor before the catalytic converter.	none	Voltage condition: - Onboard elect	- Engine warmed to normal tempers - Active heater active	tion more than NO	Read-out available from teater serve N	Usygen sensor batrind catalytic conventor detective     Defective DME	Heptace oxygen sersor bennic catalysic convener     Replace DME	- CC message: none  - ECE emissions warning lamp: on - ECE electronic engine power reduction: on	none	Possitive apparent symptoms: MIL lamp on after second driving cycle	of exhaust gases in the catalytic conventer will be seriously impaired.	None
MEVD17.2- BN2020 0x12BD5	current line: la	nsor before catalytic converter, pump lambda control value above threshold se to open pump current line	The diagnostic function monitors the voltage of the oxygen sensor before the catalytic converter.	P3018	O2 Sensor Lambda Controller Value Above Threshold due to Open Pumping Current Circuit (Bank 1 Sensor	Oxygen Sensor, Front	Positive Current	Potential problem source(s):  - Defective wiring harmess - Ovegen seneror before cataly: - Conventer defective - Osefocive OME - The fault is recognized when an	none	Voltage condition: - Onboard elect	- Engine warmed to normal tempers - None	NO NO	Read-out available from tester servi N	Defective wiring harness     Oxygen sensor before catalytic converter defective     Defective DME	Check wiring harness between pre-catalyst oxygen sensor and DME     Replace pre-catalyst oxygen sensor     Replace DME	- CC message: on - US emissions warning lamp: off - US electronic engine power reduction: off - CC message: none  - ECE emissions warning lamp:	none	Possible apparent symptoms:  - MIL lamp lights up after 2nd driving cycle  - Higher exhaust emissions  - Higher feel consumption  - Surge	Breakdown notice: Confinued driving is possible, but because the ony sensor is not ready for closed-loop centrel, conve- of exhaust gases in the catalytic converter will be seriously impaired.	en ion :
MEVD17.2- BN2020 0x128D5	current line: si	nsor before catalysic conventer, pump ignal voltage in overrun mode too low se to open pump current line	The diagnostic function monitors the voltage of the oxygen sensor before the catalytic convention.	P3020	O2 Sensor Signal Voltage Too Low during Coast Down Full Cut-Off due to Open Pumping Current Crust (Bark 1 Sensor)	Oxygen Sensor, Front	Positive Current	The fault is recognized which an electron ambituction a present with the catalytic convertice. Exactly its convertice. Peterolar problem source(s) - Delective wiring harmade - Convertice wiring harmade - Defective OIME - minepatities - Immediately - minepatities - Temporary - minepatit	none	Voltage condition: - Onboard elec-	- Engine warmed to normal temperal - Overnun operation	must be preser NO	Read-out available from toder serviN	Defective wiring harmass     Origina sense before cashyric converter defective     Defective Original Converter Con	Check wiring harmess between pre-catalyst oxygen serior and DME     Replace pre-catalyst oxygen serior     Replace DME     Replace DME	- ECE emissions warming lamp: on - ECE electronic engine power reduction: on - CC message: on - US emissions warming lamp: off - US detectonic engine power reduction: off - CC message: none	sone	Possible apparert symptoms: - MI lamp lights up after 2nd driving cycle - Higher exhaust resistance - Higher land consumption - Surge	Breakdown notice: Continued driving is possible, but because the ony seriors in not ready for closed topo centrel, convex of enhants (passe in the catalytic conventer will to serious) associately impaired.	ion
					O2 Sensor Positive Current Control Circuit Open (Blank			The fault is recognized when an electrical multi-rection is present in the one-give seasor before the catalytic conventur.  Peterral profiles source(s):  - Detecting volunte source(s):  - Detecting volunte source(s):  - This fault is logged in the control.						- Defective wiring harmess	Check wining harmess between pre-catalyst caygen sensor and DME	- ECE emissions warning lamp: on engine power reduction: on - CC massage: on - US emissions warning lamp; off - US decisionic angine power		Possible apparent symptoms: - MIL lamp lights up after 2nd driving cycle - Higher exhaust drivissions	Breakdown notice: Continued driving is possible, but because the ony sensor is not ready for closed-logo control, convex	ion
MEVD17.2- BN2020 0x12BDS	2 1228114 Coygan sensc Ope	or before catalytic converter, line fault: en circuit, gump current lead	The diagnostic function monitors the voltage of the axygen sensor before the catalytic converter.	P2237	OZ Sensor Positive Currier Control Circuit Open (Bark 1 Sensor 1)	Oxygen Sensor, Front	Positive Current	converter defective  - Defective DME  English running  English running  Buttery-vertage: 107 to 16 V  No deadvation of voltage to pre- califying organismster  Potential proteins source(s)  - Defective winty harmass	none	Voltage condition: - Onboard elec	- Engine warmed to normal tempera - None	NO NO	Read-out available from factor panel N	Onygen sensor before catalytic converter defective     Defective DME	Replace DME     Replace DME     Check wiring harmess between pre-catalyst crygen	reduction: off  - CC message: none  - ECE emissions warning lamp: on  - ECE electronic engine power reduction: on  - CC message: on  - US emissions warning lamp: off	none	Higher Isal consumption     Surge     Surge     Possible apparent symptoms:     MIL lump lights up after 2nd driving cycle	of exhaust gases in the colarylic converter will be servicely impaired.  Servicely impaired.  Breakdown notice:  Continued driving is possible, but because the ony	None
			The diagnostic function monitors the internal					Oxygen sensor before catalysic     This fault is logged in the control					Read-out available from tester servi	- Defective wiring harness	sensor and DME	- US electronic engine power		- Higher exhaust emissions	sensor is not ready for closed-loop control, conver	ion

	The facility is incomposed when the oxygen seasor date the castly incl. conventr lable to active the specified operating strangerature although the houser is organizing.	-4	CE emissions wanning lamp of a control of the contr
WE/10/17-2 NEW/10/17-2 New College Control Con	Petendiar problem sources() This bad is logated in the common mobiles fault minutely conventer definition. See the common mobiles fault minutely conventer definition with minutely conventer definition.  Original models (Egipha warmed to normal larger). Note:  NO.	Otheche wing harmes believe pin catalyst oxygen of the control of	Peaslable appeared symptoms of the control of the c
	The response to the fault is specified or a different fault.		CE entition in warring turns of the control of the
MESTOT 7.2 and Control of the Contro	Private grothers oursely: - Compass has four journing without yet of his individual table for the private grothers and the private grothers are not to be seen to be	-u	Emission searring large of  Passion segment symptoms  Continued driving passions but because the cargo
	Learned signal from the gre- cumplet groups period coloration for much from the landscale		CE emissions awaring large Of CE electronic registe power CC electronic registe power CC electronic registe power
The displaces funding of the pro- position of the displaces of the pro- position of the displaces of the pro- position of the displace of the pro- position of the displace of the displace of the pro- position of the displace of the displace of the pro- position of the displace of the d	Polarida problem source(s).  1 This But it is logged in the control modularity but in among modularity but in among modularity but in among voluting acceptance among modularity but in among voluting condition. Orbitated deed. Eggine warmed to normal tamper - None 50	Ingoch einig names between ongen enersten. In Geleichte einig harmas Period eine Geleichte der Gelei	Semision warring large off  Controlled Programme Annual Co
	The fault is recognized when the launches signal from the gre- cality in copying a serior divisitate. No much them it has launches signal after many face produced signal after many face consistent.		CE entacions warring lamp. CE entacions regime power
The diagnostic fundion monitors the voltage of the pre-cultips (magnetic fundion monitors the voltage of the pre-cultips (magnetic fundion fundions and companies as each for the magnetic fundion fundions for the magnetic fundions for the magnetic fundion fundions for the magnetic fundion for the magnetic fundions for the magneti	Pretential problems source(s): - Leaks in enhant system before opges amounts - Detectives wing hammas - Detectives wing hammas - Organises and the country module's that the monty	- Conduct calabrilic conventor disponais	Inelation or C. Comessage on Brasile on Brasile on Brasile on Brasile on Foreign on Brasile on Foreign on Comments of Brasile on Brasile on Foreign on Foreign oper Foreign op
BSCIDO 0.128001 1228177 embers after cases(i) convenient for laten 1 processes of several for parties of the case	connect electrics embedding on Visings contain October deets copies warrant to normal samped Note: 90.2  This fact is incorporal with the This contained and the Company of the pre-sample open open of the pre-sample open open of the pre-sample open open open open open open open ope	rova N - Organ sensor tellos calabris converte defective - Regisso pre-catalyst crages sensor - E	-CE missions code con consistent strong cross sensing supp.  CE emission sensing supp.  On consistent strong cross.
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MSCH072 In CISCOD IN CISCO	engine-side of catalytic conventer present for longer than 2 min. none Voltage condition: - Onboard sleet - Engine warmed to normal temper - None NO  The fault is renombed when the		reduction of " Ms. Syste up when but to administ in two of enhancing pairs in the statistic connection of the Connection
	collage of the give catalyst unging assert ormania constituting too low.  Pelariting produces macrospis - Deliceface wing harmosa - Organization to account of the control	- If Stutts related to minture control are present, repair these first - Defective wiring harness - Chee celevate system for leaks - Utility - Chee celev	on
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MENOTY2- NANOS silenos vive inte, activation short cross. The diagnosis function monitors the wine to the World silenos final to practice. Which is a practi	- VANOS soliendral valve This Stutt is logged in the control defective endered from delete fault memory defective	solvend sales  - VAVS assend order under defective  - Popica VAVSC sales order under defective  - Popica VAVSC	Cilestonic region supur Propositio apposerd pregnancia Andreas CEE on Consultante Central
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			MY 10 ECE C Genidation saming lamps on O CE destroktion sonity gover metarloss of
	The faul is inecognised by the  finite control is a designated  function.  Periodical gendering scarce(s);  - Deleted in whice the same of the scarce(s);  - Deleted in whice the same of the scarce(s);  - Deleted in whice the same of the scarce of the sca		- CC massage on MY10 US sensition wavely large on Sensition wavely large on Sensition wavely large on Sensition wavely large on Sensition Sensitio
MS-10/17.2.  MS-10	sciencia valve  - VANOs sciencial valve  This sturt is logged in the control diffective module's fault memory	- Oblitat in siring himmas behaven DMI and VMADS - Oblitat will make a behavior DMI and VMADS - Oblitat will make a behavior DMI and VMADS - Oblitation of the abeliance with a solicitor of the abeliance of the	CE emission summy lamp.  Frontière apparent symptoms ont put substitute apparent symptoms.  Frontière apparent symptoms ont put substitute apparent symptoms.  CE message, performance méction tudo  Braddown redout  Total Contensique on once Substitution Mora None
	The fault is recognized when the anal angle falls to conform to the specified angle with the third to the conformation of th	-4	MY 10 ECE C C C C C C C C C C C C C C C C C
	organ is coming. Patential problem source(s): - Orientermater of grassing at	It hauts related to the carrishant position service have been injured renal ribes first.	MYTUS S  MYTUS S  MINISTRUMENT
MEIOT 7.2 B0000 0x10004 124444 VWXIS into control faul, cannoted ligament for a dispersal fundament from processing for the dispersal for	- Olysseam too low - Older in wirely pames to VAXOS serviced safer - VAXOS safer - VAXOS serviced safer - VAXOS sa	- Contaminate of passage at VAVOS selected valve - Contaminate of passage at VAVOS selected valve - Onlet of wirely barries to VAVOS selected valve - Onlet of wirely barries to VAVOS selected valve - VAVOS selected valve saized - Onlet of movement and onlet of the valve of the	Commission among large Full black to ATL/CTLank (FC Text LEAK 1900a)
	The faull is recognized when the actual origin assesses the specified any late to solvey help specified any late to so	3-8	MY10 ECE: CE emissions saming lamp: 01 01
	specified angle to story what the exprise in noting Presenting proteins source(s)	If faults related to the camshaft position sensor have been logged, repair these first.	reduction of  - CC missage on  MY10 US  MY10 US  General register on  Ge
MEVIOT2-2. BBCCCCC On 1010/09   1286448 VWXCS, instr. control fault, position not reached: A separate fundor monitors by cannoted fining adjustment. PD012 IX Campbell Position - Trining One-Alterated (Bank 1) Campbell Position Trining strate	- Copyrelated last and American Copyrelated Research Copyrelated Researc	- Contaminated of passage of VANIOS sistemed valve - College valve of the College valve v	-C. Smolage in C. Certificate sampling of Faul Basids of ATCLT that & FC Test Ed.4. 1900us pressure control. Certificate sampling of Faul Basids of ATCLT that & FC Test Ed.4. 1900us pressure control. Certificate spring on Spring pressure control. Cead-distriction Boods pressure pressure pressure center. Certificate pressure propriate. Possible appeared symptoms: because power in shocked the district bed of the reduct within the management pressure. More
			MY10 ECE entitions arring lamp: CE entitions arring lamp: CE entitions arring lamp power
	The fault is exceptioned by the driver closurer for the factor of the control dependent function.	.u	mediation of  - CO ressage on  MYTOLD .  MYTOLD .
ME(ICIT2.)  VANCS solared value, schaust, activation: short The diagnosist function monitors the wire to the 9° Camelast Prolition Actuator Control Circuit High	Periodic problem source(s): - Delect in with primaria behaven DME and VAVCOS solinoci valve - VAVCOS solinoci valve - VAVCOS solinoci valve - oblication - oblica	Defect in wiring harness between DME and VANOS     solenoid valve     -VANOS sicherid valve defective     -VANOS sicherid valve defective     -Replace VANOS solenoid valve	mediation or - CO-message on - MM*1 ECE - Censistance suring lamp: - Electricis regine culput - Pessalible apparent symptoms: - Complete culput - Pessalible apparent symptoms: - Complete culput - Complete culpu
BRQCOD In 13001 1246697 crout to positive VANOS adended velve. P2091 (Seek 1) Carechaft Position Actuator Enhance Electrical	. Defective DAS: Immediately. none Voltage condition . Ontopard deed: None None STELERIA ANYOS STELERIA.	(A) PMW advators agost, Out-off). N - Defective OME - Pleaters CME - Pleaters CME	-CC resident on the control of the c
	The faul is recognized by the of we contain deposable factor.	_u	ZE destantine capiago poser mandacione di ma
ME/ID172- VANCS solenoid value, solehaust, advandor short The diagnosis function monitors the wire to the ST Cameball Position Actuator Control Circuit Low	Presential problem source(s) - Order in weight presents between CME and VANCOS sources valve - VANCOS sources valve - Order in weight presents - Order in we	- Defect in wiring harmosa between CME and VANOS solicities wiring harmosa between CME and VANOS solicities valve - Check wiring harmosa between CME and VANOS solicities valve - NANOS solicities valve Registers VANOS solicities valve	Inducation of  -C. Consulage on  C. Consulage performance reduction, to  C. Consulage performance r
BODISO 0x13002 124698 cross/trg yound VANOS sarenot valve. P2000 gask try Campball Position Adulator Enhance Exercised	United the Control of	(A) PMM advation agent, Out-off). N - Defective OME - Postson OME - Postson OME	-CC resident on rooms Association Nove Nove Nove C resident C resident Nove Nove Nove Nove Nove Nove Nove Nove
	The fault is recognized by the divisor counts depressed to the counts depresse		CE selection caping opens modulation of noduction of - Comessage on MY10 US semisories warming lamp; on Selections: employ appear Selections: employ
	Privardial problems source(s):  - Delect in wing harmon between OREA and VANGS solared valves solared valves - VANGS solared valves - VANGS solared valves - This fault is logged in the control	- Defect in wiring harmass between DME and VANOS clients wiring harmass between DME and VANOS solitonics valve	reductor to
	STEUERN ANNS STEUERN	Q.EN	

MEVOT7.2 04100364 1246565	VMOS enhant control faut, cannot be immed.	The diagnosis fundon monitors the cannotest timing pulsariment	Pricci Vi Canduli Blok	Cunsket	The fault is recognized when the author large file for the process of the fault and process of the fault and process of the pr	The diagnostic fault code is bigged when the fault marks in marks greater for longer than to fault marks into more greater for longer than single.	Nothings condition - Onlinear dates. Engine warmed to normal temporary	es Alona Yes	NO N	Contermitated oil passage at VANOS sciencid valve     Contermitated oil passage at VANOS scienced valve     Dated in whire plannass to VANOS scienced valve     VANOS scienced valve	- CCC exists - CCE which contains a contain a	DECES  The search graph graph  The search	Pusaba appared symptoms dayer one poory	Besiden reter. The eyight event is the engaging rise home program, contrast-static graptions in possible, because govern in thicked the other whould refail the first graptions are statically graptions.	None
MEV017.3 0x130000 1346900	VANOS, sehevar control faut, poston not reached not	The diagnosic function monitors the carefulat fining adjustment.	POSS ST Camelolf Flushon - Timing Over-Related (Blank 1)	Cannel Pusitor Tring	The fault is recognized when the special of the company of the com	The dispressic that cooks is logger owns the fact enrulis pressed for longer than 1 min	Voltage condition . Onload steels. Engine warmed to normal temperature.	er. None STEUERN ANNS STEUERN ANNS	N, ENNO N	- Constrainment of grassage, at VAVOS soletned white Oil pressure too low - Otherchive wires or pility (terminal on VAVOS soletned WAVOS soletned - VAVOS soletned valve delicities	- CCC exists - CC	OF CEC.  In summy large, on one of the control of t	Pusible appaint symptoms . Engine runs pooly	Breakdown rotice: The engine reverts bit is energiantly rijes-home program, continue-less reportion in pacific. Minimizer of the continue program and the continue program	None
MENO17.2 8X0000 0+150E11 124F78	inte-centulal) sensor, signal implavebb	The diagnosis function movies the violals cannot point or process process.	Cambal Pustor Serior V Casal Regist Indiana (San La Singe Serior)	Camphall Position Sensor	The fault is recognized when the engine is faring over and engine in the engin	If the *translated revolutions* fault	Ottligge condition . Ontogen slags. None	None NG	NO. N	- Delect in wiring harmons believen CME and commhaft - Incoment gip believen cannot all position sensor and - cannot instruct raisour raige - Sensor recommission of delections	- CCC entrol - CCE whole - CCE whole - CCE whole - CCE whole - Mark - Mark wing harness believed DME and cammitat - CCC mark - CCE whole -	IN CEC.  In camping large  is emprise power  to the open power  to the open  TO LUE  T	Passilos apparent symptomo: Edendo lacing time, gover los, and no restalt Jacobia is comissioned in a solicidar issuent fast.	The explorer reduce top home program, continued the delicity process, program, continued website, openior in public home program continued with the delicity program and th	Notes
MEV011.3. 0r10020 134800.	Intel communit offset angle to constaint custion befores	The diagnosis function months to either argin between constraint per constant,	Constant Policios Sensor V: Faulty Photo Politico (Sensor V: Fault	Camphal Platins Sanor	The fault is recognized when the committee softeness position does not along with the position does not along with the position does not along with the position secondary (in committee). In committee of the com	Common indicators product has shifted by more than or and the cannot has excelled address, some states.	onthings condition - Ontoined slave. Hore	- Acres NO	one de	- Loose center text - Cannot all post or security from an of - Timing claim has jumped time - Evidence from grade to jumped time - Evidence from grade to jumped to grade - Security from jumped to grade to grad	- CCC entrol - CCC in strol - CCC in	IN ECE.  In summing lamps  In department of the control of the con	Роскова короните унупрати Ма. цета с т	Breakdown rodice: The regime routed to be energiated grap shown graphic process of the control o	None
MEVOT7.2- 000207 04100F3 1340641	Edward sambelt werper signal implaceble	The diagnosis function monitors the enhand committed position sensor.	Cambal Pauloi Sensor V Cinut Negar/Velonizce (Bot.1)	Canadat Publish Sanor	The fault is recognized when the expelled Surving pour and committed the property of the expelled Surving pour and committed the property of the expelled profited profited profited the profited profited survival to the expelled profited surviva	If the Yourseland revenidors fault is present.	Nothings condition . Onlocal dispt. None.	. Nove NO	NO N	- Defect in warring harmons believen CME and cannot be possible instance and construction of the control of the	- CEC minor - CEC attento - CE	IS CEC.  In example large  or experience provide  to the dispersion provide  to the dispersion provide  to the dispersion provide  to the dispersion of the dispersion provide  to the dispersion of the dispersion provide  provided to the dispersion of the dispersio	Possible apparent symptoms: Estimate sating lines, power law, and no restant possible is combination and an acclusive serior liberal	Breakdown reduce The engine revents bit the energing leng-home Annual Control of the Control of the Annual Control Annual Control of the Control of the Annual Control Annual Control of the Control of the Annual Control Annual Control of the Control of the Annual Control Annua	Nose
MEV017.2 - 0+100700 1240056.	Ethaus carehalt offer angle to carehalt outside between	The diagnoses function months to the draw angle between constitution of committed.	Canadal Position Sensor 'E Fauly Phase Position P1332	Canadat Pusitor fanor	The fault is recognised when the cameral's inference position does not along with a forence position does not along with the cameral and an advance.  Protecting position increases;  - Cameral and position secured by a cameral and a cameral	Commont reference position has a construction of the common has a construction of the commonth has executed a construction.	Nothings condition - Onlinear laws, Name	, Nova NO	one S	- Loose center text - Carmital position sensor effector ring out of - Triang Calls has jumped time - Spitters (rang Calls (patched))	- CCC enterior - CCC extende - CCC extende - CCC extende - Life residue of extende - Life resid	I CCC.  I warming lamp one compare power from the compare power from	Possible apparent symptoms ML comes on	Breakdown reduce The engine revents bit is energine; simp-home The engine revents bit is energine; simp-home The engine revents and the second reduced to	Mong
MEVC117.2- 8NEV030 0x131401 1260306	VANOS, enhant cost start net controllable	The diagnosis function numbers adjustment of the enhance convention is supported to the property of the convention is supported to the convention of the convention is supported to the co	Osid Start V Cannoted Position Trining Over- Retracted (Bless 1):	Canabal Publico Timing	The facility is execupled when the constitution of the constitutio	The diagnostic fault code is togget when the fluid circular appearance for longer than 2 min	bullear condition . Ordinard letto. Engine cold that to answe that	SE 1004 175	NO N	Constraine of a passage at VANOR soleted where     Objective were no low     Obdective were only premised on VANORS stated     VANORS searced were sales     VANORS searced where sales     VANORS searced where detective	- Check oil level, change engine of and fifter as indicated  - If studies related to the cameratin position searce have  been togger, repair these first  - Check writing harmacut bearing 190-005 distenced  - Check camerating harmacut bearing 190-005 distenced  - Check cameratin and VANOOS surfe for feedom of  - Use selector  - Check cameratin and VANOOS surfe for feedom of  - Use selector  - Oncomment and mechanical claumage	08 ECE: So searing lamp Sic depres power	Possible apparent symptoms  - Engine crims poorly.	Braskdom rotice The engine event bit is emigracy slep-home program command whose speeders a possible.  Som passage generacies.  from passage generacies.	None
MEVO17.2- BACKSS 04131503 1250561	VANOS, iries, cold start reg controlatio	The diagnosic function monitors adjustment of the state-and combatificating the assignific convention senses of places.	Cod Start X Cannoted Position Tening Over- Missioner (Bank 1)	Constact Position Timing	Proceeding contrates (noncess):  Commission of the contract of	The diagnosis fault code is bigged when the fault remains ground for longer than 1 min. more ground for longer than 1 min.	voltage condition . Ontourd sleep. Engine celd start to ensue that	os Atria	NG N	Contaminated of passage at VAVCS scienced wive     Of preserve that the     Office is treat or play to the control of the	Ches of law of, therep expect all offer an activation of law of the control of law of the control of law of	OF CCE.  In summing large or summing lar	Possible apparent symptoms Crajes one pody	Desablase relate The engine sends to the temporary line-home program, commissate selection procedure, because groups of a driver should relate because groups and a driver should refail to the program of the selection of the sel	None .
MEV017.2- 8NG000 04122101 1208633 MEV017.2- 8NG000 04122001 1208883	VANOS, exhaud, collective error electrical or mechanical.  VANOS, intercollective error electrical or vanos electrical or mechanical.	Collective Built Exhaust cannot VANCIS system.  Collective Built Exhaust cannot VANCIS system.			The response to the fact that specified to a effect that specified to the specified to the specified to the specified to the specified to a effect that specified to a effect that specified to a effect that specified to the specifie	Dust fault (see individual fault)	vottaga condition: "Ciribaerd alace. Nana.  Vottaga condition: "Ciribaerd alace. Nana.  Vottaga condition: "Ciribaerd alace. Nana.	None - Out that the infinite in	Dout faut peer individual faut)     Dout faut peer individual faut)     Oout faut peer individual faut  Oout faut peer individual faut)  Oout faut peer individual faut)	() -None	- C. Com in	were grown of the company power of the company power of company power of the company pow	Possible apparent symptoms . Doel faul free holinoom fauls  Possible apparent symptoms . Oost faul (see holinoom faul)	Brasidose rodos  Dest field (see hybrobolad faut)  Brasidoser rodos  Destaldoser rodos  Col fiad (see rodosfauf faut)	Dear fault (see individual fault)      Dear fault (see individual fault)      Dear fault (see individual fault)
MEV017-2-	VANOS, collective error; efectrical or mechanical				The response to the fast it specified to a different faunt error, Professional profession scenario):  The fault is recognised when the commont of complete facing f	Dust fault (see Individual fault) none	Voltage condition: . Orknow'd shore. Horse		ut) — Doel fault geer individuel fault) — Doel fault geer individuel fau	10 Naone	- ECE entants - ECE extended - ECE extended - ECE extended - ECE extended - US sentended - US sentended - US centended - ECE entants - ECE entants - ECE entants	no saming large is expres power force of the power	Problets appeared symptoms: - Doal fault (sees individual fault)	Broaddown redicer  Does freet piece individual faulty	- Dual fault (see individual fault)
MEV017.2 0x122468 1254408  MEV017.2 0x122468 1254408  MEV017.2 0x122568 1254608	VANOS, enhaust camehalt not al locking position at start.  VANOS relat camehalt not at locking position at start.	The disposite fundion monitors cannibult position to being to be the second section to being the second section monitors cannibult position being the section monitors cannibult position being	P1325 B Carechell Starting Position not Reached Starts 1).  P1325 A Carechell Starting Position not Reached Starts 1)		Floated profession scarce(s):  - Topics with days and for root as	The fault is logged inmediately when it come are in engine	Notings condition: Ontower steps: None  Outloand steps: None  Outloand condition: Ontower steps: None	. Nove NO	NO Y	- Engine of early, and or not to approximation - VAMOS adjustment and definition  - VAMOS adjustment and definition  - Engine of daily, all or not to approximation  - VAMOS adjustment and definition  - VAMOS adjustment and adjustment adjustment and adjustment and adjustment adjustment and adjustment adjustment and adjustment adjustment and adjustment adjustment adjustment adjustment and adjustment adjustment and adjustment adjustment adjustment adjustment and adjustment	- Check engine of, replace surject and and the same properties of th	sweep cross certain any off certain and certain any off certain and certain any certain certain any certain certai	Proable agraved symptoms Non-dester is enterine capital Proable agraved symptoms Non-dester is enterine capital	Braisform redice  16098  Braisform redice  Braisform redice  17099	none
MEVD17.2-	Vehetronic relay, activation, when climat to positive	The diagnosite function mentions electrical contral- activation of the Veletrative lessly for a short circuit to goodine.	PHSSB VATT-Resty Classia 145p.	Valuetryne (VVT)	The fault is recognized when a short creat to positive is detected when activation votings is amounted to the Valentinine relay: Parlated process currently.	This fault is loggal in the control modular fault intervery immediately. Temped 15	Notinge contilion - Octoord sleet- Nove	- 80%	Ingene 35	- Detection widely harmons - Variations wiley directive - Detective DME	- ECE entails  - ECE entails  - ECE deuton  - Inspect wing hames beleeen DME and Valvetonc  - Inspect wing hames beleeen DME and Valvetonc  - Inspect wing hames beleeen DME and Valvetonc  - Register DME  - Register DME  - CC m  - ECE entails	CCCC amoning large of a common	Possible apparent symptoms.  If the malfaccion cours white as VVT system is of a contraction only limited or not existent with a contraction only limited or not existent with the apparent to the customer. Globalthing process may be fail after OLD Contractions and Contraction of the Contraction of	Brajaktown rodice: Norw	None
					when activation voltage is transmitted to the Valvetonic relay.  Potential problem source(s)		Vallage condition: - Orboard elses				- ECE electro redu - CC m MY	ic engine power factor, con sassage; on 10 US. warning lamp; on	Possible apparer symptoms: If the malfuncion occurs while the VVT system is at maximum stroke extension (full load, vehicle parked), only limited or no effects will be apparent to the customer. (Switching process may be felt after CD,		

													1					
						The fault is recognized if an open circuit is detected when activation votage is transmitted to the Valvetronic relay.  Posterial problem source(s).  This fault is logged in the fault	a control					- Defective wiring harness	- Inspect wiring harmess between DME and Valvetronic relay	ECE: - ECE emissions warning lamp; off - ECE electronic engine power reduction: on - CC missaage; on - MY 0 US: - US emissions warning lamp; on - US electronic engine power		Possible apparent symptoms: If the malfunction occurs while the VVT system is at maximum stone extension (util load, vehicle parked), only limited on on effects will be apparent to the customer. (Switching process may be left after CD, starting responses).		
MICHOT2- MICHOEL CHISTON 1257732 Valveditoris relay, activation open distuit	The diagnosis function monitors electrical activation of the Valvetronic ralley for open circuits.	P1006	VVT-Relay Circuit	Valvetronic (WT)		Valvetronic relay defective — Defective DNE     The driver Cross to descrivated when a fault is suspected. The fault is logged when the measured disposic voltage is greater than 1.2 V 2.3 V and the voltage behind	Terminal 19	15 Voltage condition: - Onboard elect - None	- None	none none	N	- Valvetronic relay defective - Defective DME	- Replace Valvebronic relay - Replace DME	reduction: on - CC message: on  ECE: - ECE emissions warning lamp: off - ECE electronic engine power reduction: on	none	Otherwise breakdoon vehicle, as power is no longer transmitted to the VVT system, which thus doses.  Possible apparent symptoms: If the malfunction occurs while the VVT system is not	Breakdown notice: None	None
MEYOTT 2- PRODED 04133391 1327986 Valvetronic servandor, adiasion: abot dirust to pealities pealities	The diagnostic function monitors the Valvetronic actuator motor's three phases for a short circuit to positive.	P1047	VVT-Control Clicuit High (Bank 1)	Valvetronic (WT)	Control Mistor	the Valvetronic relay exceeds 10 V.  Potential problem source(s): This fault is logged in the Confective winting harmess - Valvetronic actuator defective immediately. The diver circuit is deachward when a fault is supported. The	a control sory Terminal 19	15 Voltage condition: - Onboard elect - Nane	- None	none none	N.	Defective wiring harness     Valvetronic actuator defective	Check wiring harmess between Valvetronic actuator motor and DME     Replace Valvetronic actuator motor	- CC message: on MY10 US: - US emissions warning lamp: on - US electronic engine power reduction: on - CC message: on - CC message: on	none	at its maximum striva position, the engine statist-whiche breaks down. Engine will not restart, as the VYT driver circuit is deadrisated and the VYT system reverts to minimum strive. If the fault occurs at maximum stroke, unrestricted throtted operation is possible.	Breakdown notice: No continued driving possible.	None
MEYOT.3. Valuetance senometer, admission, their circuit to	The diagnosis function monitors the Valvetronic enterior monitors the order circuit in					diagnosic fault code is logged when the voltage measured during diagnosis is less than 0.2 V and the voltage behind the Valvetronic retay is greater than 6.V.  Potential problem source(s): — Potential problem source(s): — This fault is logged in 9 modele's fault manner.	a control					- Defective wiring harness	Check wiring harmess between Valvetronic actuator motor and DME	- ECE emissions warning lamp: off - ECE electronic engine power reduction: on - CC massage: on - MY10 US: - US emissions warning lamp: on - US electronic engine power reduction: on - US electronic engine power		Possible apparent symptoms: If the malfunction occurs while the VVT system is not at its macintum stroke position, the engine statis-vehicle breaks down. Engine will not restant, as the VVT diversic circuit is deactivated and the VVT system revers to minimum stroke. If the fault occurs at maximum stroke, unsestricted rowted operation is	Breakdown nośce:	
BAG000 0-133000 15F7868 ground	ground.	P1048	WT-Control Gircuit Low (Bank 1)	Valvetonic (WT)	Control Motor	-Valvetronic actuator defective immediately  The driver circuit is deactivated when a faul is suspected. The faut is logged when the measured disposite voltage is	Terminal 19	15 Voltage condition: . Ontopard elect - None	- None	none none	N	- Valvetronic actuator defective	- Replace Valvetronic achuator motor	- CC message: on  ECE: - ECE emissions warning lamp: off - ECE electronic engine power reduction: on	cons	possible.  Possible apparent symptoms: If the malfunction coose withis the VTT system is not at the maximum stroke position, the engine	Continued driving is usually not possible.	None
MEVOT7.2 (n.13208 1357902 Valvetonic servendor, activation open circuit MEVOT7.2 (n.13208 1357902 Valvetonic servendor, activation open circuit MEVOT7.2 (n.13204 136024)	The diagnostic function monitors the Valvetronic actuator motion's three phases for an open circuit in one of the wilder.	P1050 P100F	WT-Control Circuit (Bank 1) WT-Overload Protection Output Stage System Shuddown	Valvetronic (WT) Valvetronic (WT)	Control Motor  Overfoad Protection	less than 0.35 V 7 0.61 V.  Potential problem source(s): This fault is logged in the control of	a control nory Terminal 1	15 Voltage condition: - Onboard elect - None	- None	none none	N.	Defective wiring harness     Valvetronic actuator defective	Check wiring harness between Valvetronic actuator motor and DME     Replace Valvetronic actuator motor	- CC message: on MY10 US: - US emissions warring lamp: on  - US electronic engine power  reduction: on  - CC message: on	none	salals/whicke breaked down. Engine will not restant, as the VVT diver circuit is deachesided and the VVT system reverts to minimum stroke. If the fault occurs at maximum stroke, unresolted throttled operation is possible.	Breakdown notice: Continued driving is usually not possible.	None
MEYOT 2. Valvetonic, excepts a that adaptation Lower stop						The fault is recognized when? Potential problem source(s): 2						2	.2	- ECE emissions warning lamp: off - ECE electronic engine power reduction: off - CC message: none - US emissions werning lamp: off - US electronic engine power reduction: off		Passible apparent symptoms:	Breakdown nośce:	
BR20200	Open	P1030 P10E8	VVT-Actuator Monitoring Position Control, Tight, no Adjustment possible (Bank 1)  VVT-Overload Protection Control Motor Overload	Valvetronic (VVT)  Valvetronic (VVT)	Position Control Overload Protection	-?		Voltage condition: Temperature		- None			-?	- CC message: none	new for I-10-03-450	Customer perception in prose at this juncture	- 10008	
MEC/013.5  MISSION 0114/92 1386410 Vehicitoric, adjustment larger, step not learned	The diagnostic fundion determines whether a valid sever limit is suitched during validation of the val	PIGUA	WT-dat Learning Punction, Stress Not Learned	Valuebronic (VVT)		In softer to industrian for  Welverson or grown, and then  the DMS control models washed  and cauth Them terminable  and cauth Them terminable  throat stage is referred to the  throat stage is referred. This  time the separation than be spalars  than the models of the  processing of the  Control of  Contr	Terminal to	15 Vottage condition: - Onloan's skell-s Engine see	rred to normal tempers. None	SYSTEMORECK, W.T. ANSIGN Advivolance f., w. volte	of u	- Valentonic system trad stops campad platfor as the Valentonic seeking	- Check travel steps in cylinder head and con the cocome chall - longest Videorous, system to well considered and control to the color of control to the control of controls.	MY16 ECE - ECE remission warming lamps - ECE electric groups power - ECE electric groups power - ECE electric groups power - CO message on - US ensisten serving lamp off - US electricine groups power - CO message, none - MY16 ECE - ECE electricine serving lamps - ECE electricine serving lamps - ECE electricine groups - ECE electricine groups power - ECE electricine groups power - ECE electricine groups power - ECE electricine groups	pone	Proable appeared symptoms. Once the VFT has excluded ble emergency crising of E fails to such the E fails of E fails to such the emergency crising packet. If it fails to such the emergency crising packet, and except size of the E fails of E fails of E fails on the E fails of E fails of E fails on the E fails on the E fails of E fails on the E fails of E fails on the E fails on t	Brailschen richte: Continued diring is wurdt, od possible.	Noo
MEVOT7.2- MC000 0n:134/594 13:05412 Valuedronic adjustment range error, range chack	The diagnostic function monitors whether the adjustment range has varied from the base learning data during the ourse of the whether so services the	P1023	W.T-Self-Learning Function Faulty Adjustment Range (Blank 1)	Valvetronic (VVT)	Self-Learning Function	The fault is recognized when the adjustment range deviates from the base adjustment range by more than 2".  Potential protiem source(s):  - Wear at the travel stops  - Wear in the Valvetronic mechanism none	none	Violtage condition: Chiboard elect:- Engine wa	rmed to normal temper 4 - Adjustment range check e	very 186 SYSTEMCHECK, VVT_ANSCH.As[iv/stumperf_w_wksp	ad, w	- Wear at the travel stops - Wear in the Valvetonic machanism	Repeat Valvetronic travel stop learning routine, refer to service functions     Inspect Valvetronic for mechanical wear and sestatace to motion     Replace components with mechanical wear.	- ECE emissions warning lamp: off - ECE electronic engine power reduction: off - CC message: none - US emissions warning lamp: off - US electronic engine power reduction: off - CC message: none - CC message: none	none	Possible apparent symptoms: VVT revents to limp-home mode, minor effects can be feet.	Breakdown notice: The engine runs in throtted mode, full distributions of the control of the con	None
MEY017.2- Valvehoric, adjustment range: range check, deviation	The diagnosis function monitors the adjustment		W/T-Self-Learning Function Faulty Adjustment Range			The fault is recognized when the adjustment range deviates from the base adjustment range by more than 1".  Potential problem source(s):  - Wear at the travel stops - Wear in the Valwateronic						- Wear at the travel stops	- Repeat Valvetronic travel stop learning routine, refer to service functions - Inspect Valvetonic for mechanical wear and resistance to most	- ECE emissions warning lamp: off - ECE electronic engine power reduction: off - CC message: none - US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
8N0000 0x134708 108416 tons original learning  MEYOT 2- Valentonic, component protection, output dauge:	range during the check of the Valvetonick range.	P1023	(Blank 1)  WT-Overhoad Protection Output Stage System	Valvedronic (VVT)		The fault is exceptional when the calculated effect of the fault is exceptional when the calculated offerer cross to 90°C.  Presented received and 90°C.  Presented received in some of 90°C.  Presented received in some of 90°C.  Presented received in some of 90°C.  Section and by the visitance in the Valvethoricie system the Valvethoricie system.  Frequent report hope operation (imperover one proposition of 90°C.)  Frequent report hope operation (imperover one propriet	none		med to normal temper). Adjustment range check is	eery 18 EYSTEMCHECK, VYT, ANSICH-Affortsumpert, as - votilis		- Wear in the Vulneytonic mechanism  - Valvetonic system consumes excessive seriety own to - Stiction and high resistance in the Vulneytonic - Pricipated open bog operation (rimp Amor	- Replace components with mechanical wear  - Check descrical system voltage  - If other degrande fault costes related to Valvetonica are logged, such though those first - Check Valvetonic mechanism for bendess of security	- CC message: none  ECE: - ECE emissions warning lamp: - ECE electronic engine power reduction: on - CD message: on - CD mess	nomi	None  Possible appowerd symptoms:	None  Bissidown rodice:	None
BX0000 0x13501 138433 deactuator, system	the diver crost.	PHOOF	Shakomi	Valvegronic (AVT)		motion (middless) motion (midd	Terminal 1:	15 Vestage condition: - Ontoerd elect-Morea	- None	STEASPA, V/T (refluenced, gr volte)	of w	modelhaming routines)  - Valvetonic system consumes excessive energy owin to to - Stiction and high resistance in the Valvetonic stiction - Achase ("Stipper the accelerator pedal, etc.)		- CC message on  ECE: entosions warning lamp; - ECE entosions warning lamp; - ECE entosions on - CC message on - CC message on - US electronic engine power reductions on - US electronic engine power reductions on	none	Raya ton in affect to power reduction breakdown	VVT diver circuit component protection	None
MEVD17.2- BN00200 0x135302 1266434 Valvetronic, component protection, servemotor: deactivation, system	The diagnostic function monitors the temperature of the Valvetronic actuator motor.	P10E0	VVT-Overload Protection Control Motor System Shutdown	Valvetronic (WT)		(imp-name modernaming routines) none  The fault is recognized when the calculated driver circuit	Terminal 19	15 Voltage condition: - Onboard elect - None	- None	STEUERN_VVT ivvtsumperf_w vvtdtp	erf_w Y	Frequent open-loop operation (imp-home mode/learning routines)	source connected as required) - Replace components with mechanical wear	reduction: on - CC message: on	none	Possible apparent symptoms: Range from no effects to power reduction breakdown	Breakdown notice: VVT system component protection	None
MEX/017.2. BN0000 Gn155401 1366689 Valvetonic overload protection output stage overloaded	The diagnostic function monitors the temperature of the differ circuit.	P10E7	WT-Overhaad Protection Output Stage Overhaad	Valvebonic (WT)	Overfoald Protection	temperature rises above 120°C.  Potential problem source(s): -Valvatoricis (system consumes execusive energy owing scSolicin and right presistance in execusive energy owing scAutor Chipping The accessions of executive energy owing executive energy owing executive energy executive executive energy executive executive energy executive execu	Terminal 11	15 Voltage condition: - Ontopied elect - None	- None	STEUERN_WT (wishumperf_w width	od_w Y	- Valvetronic system consumes excessive energy cwin to: - Stiction and high resistance in the Valvetronic system - Abuse Clipping the accelerator podal, etc.) - Frequent open-loop operation (line) home moderiearning routines)	Check selectical system voltage     If other deprecase but rooks entained to Valventonice     We begin work through these first     Check Valvetronic mechanism for Readon of     movement, wese and selection (with external voltage     Preplace, components with mechanical wear	- ECE entisations warning lamp: off entire control of entire control of entire cover reduction: off - CC message: none - US entisations warning lamp: off - US entire engine power reduction: off - CC message: none - CC message: none	none	Possible apparent symptoms: WT revents to timp-holes mode, more offsets can be get.	Breaddown rodice: The engine laws is Strettled mode, full divability jouwer	None
MEV017.3- BR0000 0x13600 1506600 Veletitoric, overlast protectors, senonatur overlasted	The diagnostic function monitors the temperature of the Valvetorius adulator motor.	P1008	WT Createad Protection Control Mater Overhald	Valvetraric (NVT)	Overhald Protection	The fault is recognized when the conclusional temperature of the Ventroise coloration return return to the coloration return return to the survivage of the Ventroise adult or return preferral profess councils) -Ventroise (system consumes consenies mergy among to consume survivage or comment to the Ventroise system -Ventroise (system consumes -Ventroise (system consumes -Ventroise -Ventroise (system consumes -Ventroise (system consumes -Ventroise (system consumes -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventroise -Ventrois	Terminal 1	15 Vottage condition - Ontoerd sked-More	- None	STEASPA, VVT instanced a violation	nd,w V	- Valuetrois: system consumes excessive energy ceim - Stiction and high estitates in the Valuetrois: - Stiction and high estitates in the Valuetrois: - Anaec (Regispriff ha accelerator postal, etc.) - Frequent ceptor-loop operation (linp-home model/earring routines)	g  - Fother diagnosic that codes related to Valvetronic - Fother diagnosic that codes related to Valvetronic - Chask Valvetronic resolutions for Feedom of - Chask Valvetronic resolutions for Feedom of - Replace components with machinists was - Replace components with machinists	- ECE ensistions warning lange of the control of t	nome.	Possible appeared symphotics. Will reveals to they have receive one officials can be	Breishoren roduc. The eights for a firefact mode, full disability-lower	None
MEVOT7.2  MICHOT 0413964 1387204 Valuetronic system control deviation too great.	The diagnostic function movitors the Valvetronic systems control processor.	P1090	VVT-Actuator Microbring Position Control. Tafe. no Appartment position (facts 1)	Valvetronic (VVT)		counter rises above the fault trenderide of 10 GO. The counter is incommissible with mile discussible content of difference since the counter of difference since the counter of difference while the Vederionic challent mode is statistically. Publishing which planned to the counter of the counter of the counter publishing which planned to the counter of the counter of the counter publishing the publishing the counter publishing the publishing th	Terminal 1	15 Voltage condition: - Ontower elect - None	- None	STEUERN, W/T Ansumperf, ar vorter	of, w N	Defective wiring harmons.     Veriverince amands wellstein     Veriverince (system disking     Defective DME	- Chack wiring lammas and play connectors for state Challed Basils - If other diagnostic fault codes installed to Valvateriors are large, now to through these for Chack Valvaterior mechanism for freedom of Chack Valvaterior mechanism of reposition of Chack Valvaterior mechanism of the Chack Valvaterior Valvaterior Chack Valvaterior Valvaterio	- ECE emissions warning lump: - ECE electronic engine power residence on - CC message: on -	none.	Possible apparent symptoms: Unrestricted, throtted operation remains available if the VTV system's stoke is at maximum extension. Final maximum label in local delivered, under deposition on the VTVT position that the system does reach on the VTVT position that the system does reach	Breakfown rofice: None	None
						The facility recognized when nother ignated of downward motion of 8 possible during includation of the varieties system. yellow, pulses, yellow, 2 possible problem score(s) - Defective withy harmons		. Engine sus	med to normal tumpers			- Delective wiring harness	-Check wing harmes and play connectors for selected fault - of and adjuncted miss makes to Varietaries.  -That adjuncted miss constraints to Varietaries.  -Check Varietaries exclusions for the Section of concentrate war and dischool (with administration) and concentrate war and dischool (with administration) and concentrate are required.	MY 0 ECE - Section large per committee in the committee i		Prouble apparer symptoms: One to VT has reached be emergency running position, unlimited by the position of the provided operation by possible. If it liab to reach the emergency running position,		

MEVCHT2 - Valvetonic system: searing threshold, control The disposals function models in the Valvetonic System control processor.  SRG000 0x105754 1267460 Valvetonic system: searing threshold, control overland control processor.	The fault is exception when a country for the fault is seen to the fault of the fau	- If other diagnosis but notes related to Visioning and State of	- ECE delization cargin power instanction of Once the VPT has standards a semegenary starting Once the VPT has standards a semegenary starting Deliver the semegenary starting Deliver the standard sements of the stan
MEVCHT2 - Newtonic seriorinate, polition seriorinate, politico ser	The data is recognised when all in the control of t	- No gome-supply rollings to sention  - One or several varies for the public or sention alone substant to position or sention alone substant to position or sention alone substant to position or sention alone substant varies or sention or sention alone - One or more public sentions in the Valence or the substant varies or destricte - Replace Valence or DRE - Replace Valence or DRE - Replace Valence or DRE	- ECE amissions warring lamp: off - ECE electronic only spower machanic ord - Conseque and - Conseque and - Life electronic warring lamp; off - Life electronic warring lamp; - Life
MECHT 2.  MICHOR 2.  MICHOR 2.  MICHOR 2.  MICHOR 2.  MICHOR 3.  M	The faul is recognised when the  OME hashware detacts a faul in  the outline a recognised with a faul  find a faults.  Please of profession score(s) - Outline's writing harmonia - Outline's writing harmonia - Outline's writing harmonia - Outline's OME - none - Terminal 15 - Vidage condition: - Onboard size - None -	- Couch writing harmon to include any Violentine Laborary or Violentine of Laborary Violentine de Laborary and Couche and Laborary and Couche and Laborary and La	- C.C. residency roots - U.S. essences recogning large off - U.S. essences recogning large off - U.S. essences recogning large off - Residence off - V.T. revers to large large recogning large off - C.C. residence recogning large of the recogning large recogning
MSV0172 - Valvetroic servemotor, position sensors: Signal The diagnostic function mobiles the switching SNQ000 Cn155498 1296202 - Valvetroic servemotor, position sensors: Signal The diagnostic function mobiles the switching SNQ000 Cn155498 1296202 - Valvetroic (VT) Sensors Paulobility (Bank 1) Valvetroic (VT) Sensors (VT) Sensor	The facility is completed when the publishers research includes an incomment workforing sequence.  Professional Confession and	Defective widep farmes.     Defective widep farmes.     Defective widep farmes.     Defective DNE     Defective DNE     Defective DNE     Defective DNE	moduction off VT reverts to Imp-home mode, minor effects can be The organ exest in trodate mode, full —CC message: none cone feet feet descriptions of the contract of the co
MEVCIT 2. MEVCIT 2. MEVCIT 2. MEVCIT 3. MEVCIT	The Seal is a registed when the count of the Seal Seal Seal Seal Seal Seal Seal Sea	- Check wiring harness beforeser Valvetronic status  - Defection wiring harness - Management and OLE - Pages Valvetronic status defective - Regista Valvetronic status defective - Regista Valvetronic status defective - Regista Valvetronic status motor - Regista Valvetronic status motor	-ECC envisions warring large of a content of the c
MEVCHT 2- BRG000 Gr15811 1298487 Valvationic servander, schrolinko, voll phase. Line Vin Bully schrolinko exclusion modelne activation of Phase SRG000 Gr15811 1298487 disconnection Vin Bully schrolinko exclusion model for speciments. P1645 VVT.Contol Phase V.Contol Open (Best 1)	The fault is recognized when the current file factor it 2s areas south any profession of ordings to see the control of the con	- Check wife harnes believe Y Vylverorie abulieve Y Vylverorie abu	ECE entitions warring tamp  -ECE electronic ergo power machanic of  -ECE entition of an experiment of  -ECE entition o
The diagonalis function monthors activation of Phase  MEVOT7 2- Velocitoric servicinator, activation, with phase late. We think Velocitoric statuto most for indication of	The fault is recognised when the convert life between 21 are particularly and the convert life between 22 are particularly and the convertible between 22 are particular and the convertible between 2	- Check wing harmes between Valuationic picture.  - Check wing harmes between Valuationic picture.  - Valuation wing harmes - Valuation Check wing harmes between Valuationic picture.  - Valuation Check wing harmes - Valuation Check wing harmes between Valuationic check wing harmes - Valuation Check wing harmes between Valuationic check wing harmes wing	ECE emission waning large of   - ECE students regime power   - CC escalage none   - CC rescalage none   - CC r
MSVC117.2. Valuetronic parameter, position services Signals The diagonatic function mentions he Valuetronic	The fault is recognized when the but were contained with effect resource dates modern, but the large- dates modern, but the large- dates modern, but the large- dates modern and the large- dates modern and the large- present and produces manufactly to be a second and the large- large- large- large- large- large- modern and the large- modern and the large-  large- large-  large- large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-  large-	Defective widep harmoss     Valuetories actives defective     Pullwateries activates defective     Registant Valuetories activates defective     Registant Valuetories activates defective	- ECE emissions wanning lamp: off - ECE debugger great greater greate
BIGGOS CH35CT1 1280753. Implicate analysis motive position services for placebility.  MISVOT72 - The diagnosis function motives the activation wire to	. Orderte QME	once nove N . Debeted DME . Rigidad DME	-CC reseage rose one generalities disability/sowr None  -ECE efficiency earling lamp -ECE efficiency ea
BRC000 On181901 1270209 Exhaust figu, adjustion, what should be presented gain figure. PM-19 Exhaust Pressure Corple View XI High.	- Christics DME monodately nove Votage condition - Christian disch from - Incom Notage condition - Christian disch from - Incom Notage condition - Christian disch from - Incom Notage condition - Christian disch for Christian disch for Christian disch for Christian disch for Christian display visual for Ch	towers gat, devend and age. U Quiddes N . Defecting DME . Register DME . Register DME	- CC reseage, cope one Vehicle queler during place; Nove Nove Nove Nove Nove Nove Nove Nove
MEVIOT72-  BR02000 Inc109102 1270210. Exhaust fies, activation effort original to ground. The disproach function monitors the activation wine to  The disproach function monitors the activation wine to  PR4177 Exhaust Pressure Control Wein W Low  MEVIOT72-  The disproach function monitors the activation wine to	. Orderino QUE ammediately nove Viblings contributor, October dated here Nove Nove States and State	steem ge, steemd end ege, go U, Qx4455 N - Defection CME - Rignary CME - Rignary CME - Check will be a control to the control	-CC reseage, one one Validad bade when platforary Nove Nove  -ECE elements eaving lamp  -ECE elements exper power Relation of -CC seages one
BISCOD On 1974 177072 Enhant flog, advalour open croud the serious flog. PSHTS Enhant Freezes Cortex Valve Y.  MISCOTT 2. Relation shallow (sp. apply voltage, advalor virtuge). The diagnostic function monotons the power equity.	- Livected Live.  The fact is recognized with the control of the	Abson pap, dissand, and pap. 10, 0x4466 N - Detection DISE - Registers DIS	- CC reseage, note note Vehicle touter when distinguy None None  - CC extension results large of Received Recei
890200 Ox15001 1279465 fault voltage to the radiator-work and actuator. P303E Controlled Liger Air Shafer Supply Voltage	- Header over list accustor a moulest teal memory Tennesed 15 Voltage condition - Cristage delay - None Tennesed 15 Voltage condition - Cristage delay - None execution impression is exceeded in the radiation vest accustom impression in the sound in the s	y ydamchecs, gf status, y ydamchecs, gf N Radiator vent stat actualtr in defective - Regissor radiator vent stat assembly  - Radiator vent stat actualtr in defective - Regissor radiator vent stat assembly - Radiat	-CC reseage, nors one white demand for engine gower in Toph. to major basis, (mountain during, full modifie, etc.) None -CC entitioning writing large -CC entitioning engine gower -CC entitioning regime gower -CC entitioning regime gower
MENOTY 2- Relations further, by, overlampeatures, advance intell. The diagnosis function monitors the solution version at all pages (and the control of the solution of the so	- Relation cent and actualism conclude to discovery monoidately. Terminal 15 Vottage concilions: Ontoined disci. Native - Nove -	Sydemotives, gif. I in adults, systemotives, gif. N Outside temporature to begin - The fault appears repeatedly, replace the radial systemotives, gif. N Relation vertical actuator defective Vertical deleteration .	resolution of Continued brings possible, and adjacting engine and continued fine very size remain closed.  Continued brings possible, and adjacting engine size while demand for engine power a typ.  - ECC entraction serving large of
NECTOT 2- BRQ000 0r134-01 1270977 Stateour drugtes top, enhance reterinal despitual tight.  The diagnostic function monitors the equation version at BRQ000 0r134-01 1270977 Stateour drugtes top, enhance reterinal despitual tight.  P3444 Controlled Ligour An Strukter Diagnostic Monitors and Strukt	- Oeder in nations were stat monology to an emony assembly monology to an emony monology to a monology monology. Terminal 15 Vottage condition: Ontoined deed Horse - Rose substance were the actions in our learning and extraction and assembly within a specified assembly as a specifie	System-frees, of status, system-frees, of N - Corbet in conflater vent stat assembly - Register resiliator vent stat assembly - Corbet in conflator vent stat assembly - Corbet in conflator vent stat assembly for Swedom	Radiction of Engine could constraid the vers size remain closed Continued closing possible, and subjecting regime while demand for expres great is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to express power is byth.  EXC entisions warring large of excellent continued to excellent continued to excellent continued t
MERCHT 2 Secretary (Comment of the Appendix Comment of	went state mechanism (for instance of the mechanism of the disputed for state on the page of the the fact manner of the state of the st	-Mochanisal defect in addate vent all machanism from grain mag in mag in mochanism (por residence form) polarization and all machanism (por residence form) polarization and an addate vent all machanism (por residence form) (por residence form) (por residence form) (por residence for machanism (por residence form) (por resi	Reaction of Possible apparent pyreprime: - CC remargar note - The engine may overfield The engine may overfield ECE enteraction wanting large ECE enteraction was considered ECE enteraction was considere
MEYS 17.2 br13001 272449 Redistor shulter, top, upper once not detected. The dispersionic function monitors whether the toxel- range limits are reached during the self-less: PSHC Controlled Upper Air Shulter, Upper Step Not Controlled Control	vent stat mechanism (for This fault is logged in the control instance; broken control module's fault memory	mounter (politim youther tiles), your anderson - Mechanical defect in redistrict verif all mechanism (for resince broken control intege)  - Check disdorder sett did selectly for their control intege)  - Check disdorder sett did selectly for their control intege  - Check disdorder sett did selectly for their control intege  - Check disdorder sett did selectly for their closely property setting.	- Us deciron: eaging power scheduler of Possible apparent symptoms:     - Correspage note notice     - The eights havy overhead.     - Correspage note notice
M6CVC17 22- BR00000 0r133701 1270746 Review refuser, tog, upper along detected too early state to confirm freedom of motion. P35400 Too Early	Potential profession accuracy): The facility of the site of profession accuracy escape (64) (as project) secare (64) (as project) The facility of the site of profession accuracy accuracy of the site	- Radiator verti sida physically solicet (Inf. Io., sroot).  Interpretative was last to the Prof. Verbine the fact of the State of the	- Us discribing proper grower accidance of win his posed for the graph or innesting state of the posed for the speak or innesting state of the speak or innesting state or innesting state of the speak or innesting state or inne
	between radiator viere data and  Notatiogs condition: - Chicount along		- US emissions warning lawp; off

					The fault is recognized when a short circuit is present in the win						- ECE emissions warning lamp: off			
					to the radiator vent slats.  Potential problem source(s):						- ECE electronic engine power reduction: off - CC message: none			
MEVD17.2-		The diagnostic function monitors the wiring harness to			Defact in wiring harmass between radiator vent slats and DME     Radiator vent slat assembly is	The diagnostic fault code is logged when the fault remains				Deflect in wiring harness between radiator vent slats     and DME	- Check wiring harness between radiator vent slats and DME - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:
BN2020 0x138902 1280258	Padador sharer, boson, each across Short drout to	the radiator vent slats.	P300E Controlled Lower Air Shutter Circuit Low		defective	present for longer than 1 min. Terminal 15	Voltage condition: - Onboard elect - None	- None systemcheck off	none N	Radiator vent slat assembly is defective	- Replace radiator vent slat assembly - CC message: none	none	Engine overheating is possible	Radiator vert slats should open automatically. None
					The fault is recognized when an open circuit is present in the wiring harms to the radiator when sales to the radiator						- ECE emissions warning lamp: off - ECE electronic engine power reduction: off			
					Potential problem source(s): - Defect in wiring harness between radiator vent slats and						- CC message: none - US emissions warning lamp: off			
MEVD17.2- BN2020 0x138904 1280280	Radiator shutter, bottom, electrical: Line disconnection	The diagnostic function monitors the wiring harness to the radiator vent slats.	P300F Controlled Lower Air Shutter Circuit/Open		DME - Radiator vent slat assembly defective	The diagnostic fault code is logged when the fault remains present for longer than 1 min. Terminal 15	Voltage condition: - Onboard elect - None	- None systemcheck_gif	none IN	Defect in wiring harness between radiator vent slats and DME     Radiator vent slat assembly is defective	Check wiring harness between radiator vent slats and DME reduction: off reduction: off - CC message: none	none	Possible apparent symptoms: Engine overheating is possible	Breakdown notice: Radiator vent stats should open automatically. None
											- ECE emissions warming lamp: on			
					The fault is recognized when combustion miss is present on a						- ECE electronic angine power reduction: on  - CC message: on			
		The diagnostic function monitors whether multiple "combustion miss" malfunctions are logged in the			least two cylinders.						- US emissions warning lamp: on - US electronic engine power			
MEVD17.2- BN2020 0x140001 131072:	721 Misfire, several cylinders: injection is cut out	"combustion miss" malfunctions are logged in the course of a single driving cycle.	P0300 Random/Multiple Cylinder Misfire Detected	Misfre	Potential problem source(s):  Multiple - see Individual fault	see Individual fault none	Voltage condition: - Onboard elect - None	- None NO	none Y	- see Individual fault	reduction: on - see Individual fault - CC message: on	none	Possible apparent symptoms: see Individual fault	Breakdown notice: None none
											- ECE emissions warning lamp:     on     - ECE electronic engine power			
					The fault is recognized when combustion miss is present on a least two cylinders.	:					reduction: on - CC missage: on			
MEVD17.2- BN2020 0x140002 1310722		The diagnostic function monitors whether multiple  "combustion miss" malfunctions are logged in the course of a single driving cycle.	P0300 Random/Multiple Cylinder Misfire Detected	Medico	Potential problem source(s):	one individual fruit	Voltage condition: - Onboard elect - None	None		- see Individual fault	US emissions warning lamp: off     US electronic engine power     reduction; off     - see individual fault		Possible apparent symptoms:	Breakdown notice:
BN2020 0x140002 1310722	722 starting	Connectinal angle connect your	Total Character Cyronic Marie Desical		Multiple - see Individual fault	della conditional anni	Possige Colleges - Critical Calculations	100	(1600)	- dec mayous man	- see Individual fault - CC message: none  - ECE emissions warning lamp: on	1000	see Individual fault	None none
					The fault is recognized when combustion miss is present on a						- ECE electronic engine power reduction: on  - CC message: on			
		The diagnostic function monitors whether multiple			least two cylinders.						- US emissions warning lamp: off			
MEVD17.2- BN2020 0x140004 131072-	724 Misfire, several cylinders: damaging exhaust gas	"combustion miss" maifunctions are logged in the course of a single driving cycle.	P0300 Random/Multiple Cylinder Misfire Detected	Mafre	Potential problem source(s):  Multiple - see Individual fault  The fault is recognized when the	see Individual fault none	Voltage condition: - Onboard elect - None	- None NO	none Y	- see Individual fault	US electronic engine power reduction; off - see Individual fault - CC message: none	none	Possible apparent symptoms: see Individual fault	Breakdown notice: None nome
					combustion stroke in a particula cylinder is slower than the combustion strokes on the other						- ECE emissions warning lamp: on - ECE electronic engine power			
					cylinders.  Potential problem source(s): - Defect is mixture formation						reduction: on - CC message: on			Breakdown notice: The engine reverts to its imp-home program,
MEVD17.2- BN2020 0x140101 1310977		The diagnostic function monitors the duration of the combustion strokes and companes them with the d remaining cylinders by assessing the rpm signals (seement periods).	P0301 Cylinder 1 Mistine Detected	Michie	- Derect in ignition system - Mechanical defect	The diagnostic fault code is logged when within 200 : (VPKSWP) canalishaft revolutions a specified number of significan misse events is detected.	Voltage condition: - Onlyand starts, Nano	- None	- None	Defect in mixture formation     Defect in ignition system     Mechanical defect     Defective DME	- US emissions warning lamp: on - US electronic engine power - Because this is a secondary fault, start by repairing the primary faults - CC message: on	2000	Possible apparent symptoms: - Reduced engine power	The engine revents to its imp-home program, infinited whelide operation is possible but divisability is restricted, because power is reduced the driver should refinit from passing manusers. None
31097	- Uni	(segment periods).	- Openine I month Denicles	THE TAX STATE OF THE TAX STATE OF THE TAX STATE OF THE TAX STATE OF TA	Cyl. 1 — Defective DME  The fault is recognized when the consustions write in a particular cylinder is slower than the	EUR FURN	Voltage condition: - Onboard electi - None			- Lesseurs LINE	the primary faults - CC message: on - ECE emissions warning lamp:	100.00	augus pored	Poste
					combustion strokes on the other cylinders.	The diagnostic fault code is logged when a specific number					on - ECE electronic engine power reduction: on - CC message: on			
		The diagnostic function monitors the duration of the combustion strokes and compares them with the			Potential problem source(s): - Defect in mixture formation - Defect in gnition system	logged when a specific number of combustion miss events, with their negative effects on exhaust emissions, are recognized during				Defect in mixture formation     Defect in ignition system	- US emissions warning lamp: off - US electronic engine power			
MEVD17-2- BN2020 0x140102 1310978	Combustion misfiring, cylinder 1: damaging exhaust gas after start sequence	combustion strokes and compares them with the remaining cylinders by assessing the rpm signals (segment periods).	P0301 Cylinder 1 Misfire Detected	Mafre	- Michanical defect  Cyl 1 - Defective DME  The fault is recognized when the	emissions, are recognized during the first 1000 cranisahalt revolutions following the start. none	Voltage condition: - Onboard elect - None	- None NO	-None Y	Defect in ignition system     Mechanical defect     Defective DME	Because this is a secondary fault, start by repairing reduction: off the primary faults     CC message: none	none	Possible apparent symptoms: Combustion miss may be noticed.	Breakdown notice: None: None
					combustion stroke in a particular cylinder is slower than the combustion strokes on the other						ECE emissions warning lamp:     on     ECE electronic engine power		į	
					cylinders.  Potential problem source(s):	The diagnostic fault code is logged when a specific number					reduction: on - CC message: on			
MEVD17.2-	Combustion misfiring, cylinder 1: damaging exhaust	The diagnostic function monitors the duration of the combustion strokes and compares them with the remaining cylinders by assessing the rpm signals			Defect in mixture formation     Defect in ignition system     Mechanical defect	logged when a specific number of combustion miss events, with their negative effects on exhaust emissions, are recognized within				Defect in mixture formation     Defect in ignition system     Mechanical defect	US emissions werning lamp: off     US electronic engine power     Because this is a secondary fault, start by repairing     reduction: off		Possible apparent symptoms:	Breakdown notice:
BN2020 0x140104 1310980	(80 gas	(segment periods).	P0301 Cylinder 1 Misfire Detected	Mafre	Cyl 1 - Defective DME  The fault is recognized when the	1000 crankshaft revolutions. none	Voltage condition: - Onboard elect - None	- None NO	-None Y	- Defective DME	the primary faults - CC message: none - ECE emissions warning lamp:	none	Combustion miss may be noticed.	None None
					combustion stroke in a particula cylinder is slower than the combustion strokes on the other cylinders.	The diagnostic fault code is					on - ECE electronic engine power reduction: on - CC message: on			
		The diagnostic function monitors the duration of the combustion strokes and compares them with the			Potential noblem source(s):	logged when a specific number of combustion miss events are					US emissions warning lamp: on     US electronic engine power			Breakdown notice: The engine reverts to its irre-horne program, ontinued vehicle operation is possible but drivability
MEVD17.2- BN2020 0x140201 1311233	233 Misfire, cylinder 2: injection is cut out	combustion strokes and compares them with the remaining cylinders by assessing the rpm signals (segment periods).	P0302 Cylinder 2 Misfire Detected	Misfre	Collateral fault logged, from problem with michure formation, ignition system or mechanism. The fault is recognized when the	recognized within 200 cranishalft revolutions. The number depends on opm and load factor. none	Voltage condition: - Onboard elect - None	- None NO	- None	Collateral fault logged, from problem with mixture formation, ignition system or mechanism.	Because this is a secondary fault, start by repairing reduction: on the primary faults     -CC message: on	none	Possible apparent symptoms: - Reduced engine power	is restricted, because power is reduced the driver should refrain from passing maneuvers. None
					combustion stroke in a particula cylinder is slower than the combustion strokes on the other						- ECE emissions warming lamp: on - ECE electronic engine power			
					cynnaers.  Pritential nonhiem source(s):	Inte diagnosec fault code is Inneed when a specific number					reduction: on - CC message: on			
MEVD17.2- BN2020 0x140202 1311234	Misfire, cylinder 2: damaging exhaust gas after starting	The diagnostic function monitors the duration of the combustion strokes and compares them with the remaining cylinders by assessing the rpm signals (segment periods).	P0302 Cylinder 2 Missine Detected	No.	Collateral fault logged, from problem with mixture formation, ignition system or mechanical	of combustion miss events, with their negative effects on exhaust emissions, are recognized during the first 1000 cranishant revolutions following the start.				- Collateral fault logged, from problem with mixture	US emissions warning lamp: off     US decrenic engine power     Because this is a secondary fault, start by repairing     the primary faults		Possible apparent symptoms: Combustion miss may be noticed.	Breakfown notice: None None
54225 04.4022 131125	and the same of th	(without but town)	TOTAL OPERATE LEAGUE	Personal Na	C)/ 2 components  The fault is recognized when the combustion stroke in a particular cylinder is stower than the combustion stroke in a particular cylinder is stower than the combustion software on the other		Voltage condition: - Onboard elect - None	- man	-1968	formation, ignition system or mechanical components	the primary faults - CC message: none - ECE emissions warning lamp:	TALL FOR	Company in the may be needed.	(Manual Product
											- ECE electronic engine power reduction: on  - CC massage: on			
		The diagnostic function monitors the duration of the combustion strokes and compares them with the				logged when a specific number of combustion miss events, with their negative effects on exhaust emissions, are recognized within					US emissions warning lamp: off     US electronic engine power			
MEVD17.2- BN2020 0x140204 1311236	236 Misfire, cylinder 2: damaging exhaust gas	remaining cylinders by assessing the rpm signals (segment periods).	P0302 Cylinder 2 Misfire Detected	Misfre	Cyl 2 Igrifion system or mechanical components	1000 crankshaft revolutions. This must proceed in 4 intervals. none	Voltage condition: - Onboard elect - None	- None NO	- None Y	Collateral fault logged, from problem with mixture formation, ignition system or mechanical components	the primary faults - CC message: none	none	Possible apparent symptoms: Combustion miss may be noticed.	Breakdown notice: None None
			TOTAL CHIEF DESCRIPTION				1		1	l .	- ECE emissions warning lamp:			
			Poda Opinion a materia Orientato		The fault is recognized when the combustion stroke in a particula cylinder is slower than the combustion strokes on the other						on - ECE electronic engine power			
MEVD17.2- BN2020 0x140301 131148			Cynone a manus commune		combustion stroke in a particular opinider is silverer than the combustion strokes on the other cylinders.	The diagnostic fault code is					on - ECE electronic engine power reduction: on - CC message: on			Breakdown rodoz:
	480 Misline, cvinder 3: injection is cut out	The diagnostic function monitors the duration of the controlled natives and complete them with the remaining option of the diagnostic function of the duration of the diagnostic function of the duration of the controlled function of the duration of the controlled function of the controlled f		Minima	combusion stroke in a particular opidated is super them the combusion strokes on the float opidated is super them the combusion strokes. Patential proteins noursely, 2-betted in midura formation - Defect in significe system - Mechanical defect	logged when a specific number of combustion miss events are recognized within 200 crankshaft	Voltage condition: - Orthograf elect - None	None NO	-None Y	Defect in mislawe formation     Defect in ignition system     Metanaccal defect     Defective OME	on  - ECE electroice engine power reduction: on  - Comesage: on  - US emissions warning lamp: on  - US electroic engine power  - Bacause this is a secondary fault, start by repairing	none	apparent symptoms:	The engine reverts to its first-home program, before deficient in possible but drivability is restricted, because power is reduced the driver
	Mistire, cylinder 3: injection is cut out	The diagnostic function monitors the duration of the controllation strokes and compares them with the remaining cylindren by assessing the tyrn signals (segment periods).	P0303 Opinoler 3 Marks Delented	Make	consultation fraste in a particular consultation fraste in a particular consultation states are the design of the consultation states and the consultation states are consultation states.  Posterial production accuracy)  - Solid on initiation formation  - Solid on initiation formation  - Solid on initiation formation  - Solid on initiation consultation	logged when a specific number of combustion miss events are recognized within 200 cranishaft revolutions. none	Vollage condition:Oxtoperd elect - None	- Nova NO	-Mona V	Delect in miniture formation     Delect in kgilden system     Mechanical delect     Defective OME	on - SCE devalues regive Source - Commando -	pone		The engine reverts to its limp-home program,
	480 Misfex, cylinder 3: injection is out out	combustion strokes and compares them with the remaining cylinders by assessing the rpm signals		Marke	constability industrial process and process of the constability of	logged when a specific number of combustion miss events are recognized within 200 cranishahit revolutions	Voltage condition - Contourd stee: None	, None NO	-Nese Y	- Defect in ignition system - Mechanical defect	- SCE describes region power - Comession on - Because this is a secondary fault, start by repairing the printing halfs - Comession on - Comes	600%	apparent symptoms:	The engine reverts to its first-home program, before deficient in possible but drivability is restricted, because power is reduced the driver
		combustions strates and compares flow with the manning options; by assessing the prin signals (segment particle).  The disponsist function monitors the duration of the combustions strates and compares from with the		Madra	consolution franks in a parling of consolution makes as the other constantion makes are the other consolution makes are the other parling of the consolution of the consolution of - Delet in principal makes - Delet in principal makes - Delet in principal makes - Delet in principal makes the consolution makes in a principal makes - Order in solution makes in a parling - Order in solution of the other - Order in solution of the other - Delet in principal makes - Delet in principal makes - Delet in solution of the other - Delet in s	logged when a sportic number of controlled manufactures of controlled manuf	Voltage condition . Onload dept. None	. Nova NG	- Noro	- Defect in globics system - Meteraminal order - Defective DME - Defective DME - Defect in mindrar formation	- ECC electron grant part el control de la secución del secución del secución de la secución de la secución de la secución del secución	0000	Possible argument o ymptom:  - Retholed engins power	The organ revents to its improvement program, refrinced vehicle operation by possible to disability is restricted vehicle operation by possible to disability is restricted vehicle operation by the street of the street About reflect from present restriction.  Note:  No
MEVQ17.2- BNE0000 0x1400002 x311400		combustors strokes and compares them with the remaining officiates by assessing the prin spoils (largement periods).  The diagnostic function monitors the duration of the		Modes Modes	constability makes in preferred constability of the constability o	logged when a sportic number of consocial manifest of consocial manifest users are recognized when 200 commands on the consocial manifest of commands of the consocial manifest of commands of consocial manifest of commands or manifest on manifest of commands or manifest on consocial manifest of commands or manifest or manifest of commands or manifest or manifest of commands or manifest or	Voltage condition - Onload discs - None  Voltage condition - Onload discs - None	. None NO	- Nova V	- Ceffect in jujition system - Mechanical defect - Defective DIME	- ESC electron environ parties per electron en la companya per el consegue en	000k	apparent symptoms:	The engine reverts to its first-home program, before deficient in possible but drivability is restricted, because power is reduced the driver
	Missilve, cylinder 3: darmaging exhaust gas after	combission strates and compares here with the  manifeig cylinder yearseasing the prin signals  provided by the strategies of the principal  to segment percent provided  provided percent percent  provided percent percent  The disposation function manifeirs the desistion of the  combission trateau and compares them with the  manifeig cylinder by assessing the principal  manifeig cylinder  principal  manifeig cylinder  mani	P0303 Cylinder 3 Minking Delecting	Modre Modre	constability makes in particular constability makes and the other constability makes are the other constability.   - Detailed profession source(s).  - Detailed profession source(s	signed when a specific number of controllation asserts as a second and controllation makes as a second	Voltage condition - Orlicard delect None  Voltage condition - Orlicard delect None	- None NO	, 10na V	- Daftech in globics replaces - Meteriamical adelect - Dafteche DME - Dafteche DME - Defect in ministrar formation - Daftech in globics replaces - Meteriamical defect	- ESC electric environ parts part electric electric environ parts parts electrica el consistencia el consisten	(COM)	Pusabha appaerd symptom: - Topland drains, power Topland drains, power Topland drains, power Topland appared symptom:	The organ revents to its improvement program, refrinced vehicle operation by possible to disability is restricted vehicle operation by possible to disability is restricted vehicle operation by the street of the street About reflect from present restriction.  Note:  No
	Missilve, cylinder 3: darmaging exhaust gas after	combustors strates and compares here with the  manning cycletory presenting the prin signals  recognition of the principle of the principle of the  principle of the principle of the  principle of the principle of the  controllation strates and compares them with the  manning cycletory the  principle of the  manning cycletory the  principle of  (segment percods).	P0303 Cylinder 3 Minking Delecting	Madre Madre	consolution travels as particular consolution from the same particular consolution and same pa	soged when a sportic number of controllation are series as a serie	Voltage condition - Orlicard delect - Name  Voltage condition - Orlicard delect - Name	- Norse NO	-None Y	- Delete in system system - Metamours detect - Destinate of Delete of System System - Metamours deleted - Delete of	- ESC detaction group (page of contraction group) (page of contraction group grou	. 000k	Pusabha appaerd symptom: - Topland drains, power Topland drains, power Topland drains, power Topland appared symptom:	The organ revents to its improvement program, refrinced vehicle operation by possible to disability is restricted vehicle operation by possible to disability is restricted vehicle operation by the state of the sta
	Mildre, official 3 damaging exhaust gas after seefing	composition strates and companies them with the termining sylation by assessing the para signal integrated participal.  The diagnostic function monitors the disease of the termining cylinders by assessing the tyrn agrues (burgered participal).	P0303 Cylinder 3 Minking Delecting	Madra Madra Madra	consolution frames in a particular consolution frames in a particular consolution related and consolution related and consolution frames do the other consolution source(s).  - Destine in profession source(s) Destine in profession frames in consolution frames in a particular consolution frames in a particular consolution grade and particul	logged within a sportfix number of controlled manufactures and execution	Village condition: Onloand slace. Name  Notings condition: Onloand slace. Name	. Norse NO	-Nova Y	- Delice in system system - Mouthwall delice - Mouthwall delice - Selected in mission in mouthwall - Delice in mission in mouthwall - Delice in system system - Mouthwall delice - Delice in System - Mouthwall delice - D	- ESC electron environ parties per entre de la companya de la seconda partie de la companya del companya de la companya del companya de la companya del companya d	0004 0005	Pusabha appaerd symptom: - Topland drains, power Topland drains, power Topland drains, power Topland appared symptom:	The organ revents to its improvement program, refrinced vehicle operation by possible to disability is restricted vehicle operation by possible to disability is restricted vehicle operation by the state of the sta
BNQ020 0x140302 1311400  MEVD17.2-	Mildfre, cylinder 3: damaging exhaust gas after selecting.	composition strates and companies them with the  termining sylder's yearseling they time speaks  language and yearseling they are speak  to provide the strategy of the strategy of the  time of the strategy of the strategy of the  time of the strategy of the strategy of the  time of the  time of the time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of the  time of time of the  time of time  time of  tim	PICOSS Cylinder 3 Minling Celebrated  PICOSS Cylinder 2 Minling Celebrated  PICOSS Cylinder 2 Minling Detected	Marke Marke Marke	Constitution from the section from the section of constitution of the constitution of	signed when a sportic number of contraction or many contractions are contracted in contraction or many contractions are conditions.  The diagnostic fluid code is code in contraction or many contractions are contracted in contractions or many contractions or many contractions or contrac	Vollage condition. Octobed dries. Name	None NO	-None Y	- Delice in system system - Mechanical delice - Medicinal delice - Selected in missions immediate - Delice in missions immediate - Delice in system system - Medicinal delice - Delice in missions formation - Delice in	- ESC electron surroy garden - Consease the is a secondary faut, start by requiring - Includes the is a secondary faut, start by requiring - Consease the includes of the secondary fauth start by requiring - Consease the includes of the secondary fauth start by requiring - Consease the includes of the secondary fauth start by requiring - Consease the includes of the secondary fauth start by requiring - Consease the includes of the secondary fauth start by requiring - Consease the includes of the secondary fauth, start by requiring - Consease the includes of the secondary fauth, start by requiring - Consease the includes of the secondary fauth, start by requiring - Consease the includes of the secondary fauth, start by requiring - Consease the includes of the secondary fauth, start by requiring - Consease the includes of the secondary fauth, start by requiring - Consease the includes of the secondary fauth, start by requiring - Consease the includes of the secondary fauth, start by requiring - Consease the includes of the secondary fauth start by requiring	2009a	Possible apparent a prophore:  - Reduced entires power  - Reduced entires power  - Possible apparent aprophores  - Contraction may may be inforced.  - Possible apparent a prophore:  - Possible apparent a prophore:	The engine revents to its improvement program.  Inclinate which question provides but dividity to the control of the control o
BNQ020 0x140302 1311400  MEVD17.2-	Mildfre, cylinder 3: damaging exhaust gas after selecting.	combidate stream and compares them with the featureing cylicity is presenting they are appeal (degreed period).  The disappositic function monitors the duration of the combination of the compares them will the combination of the and compares them will the combination of the compares them will the combination of the compares them will be present periods.  The disappositic function monitors the duration of the combination streams and compares them will be enturing cylicity by cassing the tyrus regular (segment periods).	PICOSS Cylinder 3 Minling Celebrated  PICOSS Cylinder 2 Minling Celebrated  PICOSS Cylinder 2 Minling Detected	Madra Madra	constability makes in particular constability makes as the other constability makes as the other constability makes are the constability of the con	signed when a specific number of controllation are severe as a second and controllation are severe as a second and a a second a	Vollage condition. Octobed dries. Name	- Norse NO	- Nora Y	- Delice in system system - Mechanical delice - Medicinal delice - Selected in missions immediate - Delice in missions immediate - Delice in system system - Medicinal delice - Delice in missions formation - Delice in	- Security fluid in a secondary faut, dust by requiring fluid flui	DOME.	Possible apparent a prophore:  - Reduced entires power  - Reduced entires power  - Possible apparent aprophores  - Contraction may may be inforced.  - Possible apparent a prophore:  - Possible apparent a prophore:	The experiments to the time home program,  which we will be experiment to the control of the con
BN0000 0x440002 1371460 MEVOT7.2. BN0000 0x440004 1371462 MEVOT7.2.	Marine, opinder 3: damaging exhaust gas after standing.  Marine, opinder 3: damaging exhaust gas after standing.  Marine, opinder 3: damaging exhaust gas	combidate strates and compares them with the  menuming sylvider by executing they may appeal  (degreed period).  The disapposals function monitors the duration of the  combination of the period of the  combination of the period of the  combination of the period of the  combination of the  period of the  The disapposals function monitors the duration of the  combination of  period of  The disapposals function monitors the duration of  the  combination strates and compares from with the  entire of  the  combination of  the  combin	P0303 Cylender 3 Minling Celebrated	Madra Madra Madra	consolution travels as particular consolution stravels are the other consolution stravels are the other consolution stravels are the other consolution stravels.  Petiential proteins source(3) - Outdoor in revision formation Machineral Gelder  - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder - Machineral Gelder	signed when a specific number of controlled many and controlled many and every and an opposition recolled many and an opposition are considered.  The diagnosite fault code is signed when a specific number of controlled many and access with a specific number of controlled many access, with a specific number of controlled many access, with a specific number of controlled many access, with a specific number of controlled many access with a specific number of controlled many access with a specific number of controlled many access with a specific number of controlled many access, with a specific number of controlled many access with a specific number of the specific number of the specific number of the specific number of controlled many access with a specific number of the specific number of controlled number of controlled number of num	Nottage condition - Onload date: Name  Voltage condition - Onload date: Name	- None NO	-1600 Y	- Delete in system system - Meterinaria delete - Delete in mindure formation - Delete in mindure formation - Delete in system system system - Delete in system system system system - Delete in system system system system system system - Delete in syste	- Because this is a secondary faul, start by repairing the primary faults.  - Because this is a secondary faul, dust by requiring the primary faults.  - Commander on the secondary fault start by requiring the primary faults.  - Commander on the secondary fault, start by requiring the primary faults.  - Because this is a secondary fault, start by requiring the primary faults.  - Because this is a secondary fault, start by requiring the primary faults.  - Commander on the secondary fault, start by requiring the primary faults.  - Commander on the secondary fault, start by requiring the primary faults.  - Commander on the secondary fault, start by requiring the secondary fault, start by required.	560M	Possible appared symptom:  - Reduced entities power  - Reduced entities power  - Reduced entities power  - Possible appared symptoms:  Combustion make the periodical  - Possible appared symptoms:  Combustion make may be noticed.	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800000 01400007 171140  MEGOT7.5 0140004 131140  MEGOT7.5 0140004 131174  MEGOT7.5 0140007 131174  MEGOT7.5 0140007 131174	Mildfise, cylinder 3: damaging exhaust gas after deserting.  Mildfise, cylinder 3: damaging exhaust gas.  Mildfise, cylinder 3: damaging exhaust gas.  Mildfise, cylinder 4: injection is not out.  Mildfise, cylinder 4: injection is not out.  Mildfise, cylinder 4: damaging exhaust gas after statistics.	composition strates and companies here with the semanting syletic by essessing they are appeal semanting syletic by essessing they are appeal semanting syletic processes and semanting syletic processes and semanting syletic processes are semanting syletic processes and semanting syleti	P0303 Cylender 3 Minifes Delected  P0303 Cylender 3 Minifes Delected  P0303 Cylender 3 Minifes Delected  P0304 Cylender 4 Minifes Delected  P0304 Cylender 4 Minifes Delected	Madra Madra Madra Madra Madra Madra	consolution makes in particular consolution contacts on the other consolution contacts on the other consolution contacts on the other contacts of the other contacts of the other contacts of the other contacts of the other contacts on the other contacts on the other contacts on the other contacts of the othe	signed when a specific number of controllation are severe as a series of controllation are severe as a series of controllation and controllation.  The diagnosis fault close is agreed when a specific number of controllation are severe, with controllation are severe, and controllation are severe and controllation are severe, and controllation controllati	Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name	- None NO - NO - None NO - No - None NO -	- Nova Y	- Deleted in motions system - Mechanist delete - Deleted in motions streamfore - Deleted in produce system - Deleted in produce system - Deleted in produce system - Deleted in system or mechanism - Deleted in system or mechanism - Collaboral Staff logged, from procision with motions - Demotion system or mechanism - Collaboral Staff logged, from procision with motions - Demotion system or mechanism - Collaboral Staff logged, from procision with motions - Demotion system or mechanism - Deleted in motions streamfore - Deleted in motions formation - Deleted in motions formation - Deleted in motions formation - Deleted in motions -	- Because this is a secondary faul, dart by regarding the primary fault.  - Because this is a secondary faul, dart by regarding the primary fault.  - Because this is a secondary faul, dart by regarding the primary fault.  - Because this is a secondary faul, dart by regarding the primary fault.  - Because this is a secondary faul, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a secondary fault, dart by regarding the primary fault.  - Because this is a second	00000 00000 00000 00000	Possible apparent gymptom: - Reduced owjning goose - R	The engine reservits to the time home program.  Indicate verient question procedule of similarity  and the standard shall be a second procedule of the standard shall be a second order of the standard shall be a second order or the standard shall be a second order or the standard shall be a second order or the second order order or the second order or
BN0000 01460001 131146  MEVOT 2- BN0000 01460401 131146  MEVOT 2- BN0000 01460401 131174  MEVOT 2- BN0000 01460401 131174	Mildfise, cylinder 3: damaging exhaust gas after deserting.  Mildfise, cylinder 3: damaging exhaust gas.  Mildfise, cylinder 3: damaging exhaust gas.  Mildfise, cylinder 4: injection is not out.  Mildfise, cylinder 4: injection is not out.  Mildfise, cylinder 4: damaging exhaust gas after statistics.	combustors strakes and compares them with the immunity opidates by executing they are appeal to the property of the property of the property of the property of the combustors	P0303 Cylender 3 Minifes Delected  P0303 Cylender 3 Minifes Delected  P0303 Cylender 3 Minifes Delected  P0304 Cylender 4 Minifes Delected  P0304 Cylender 4 Minifes Delected	Modes  Modes  Modes  Modes  Modes  Modes	consolution makes in particular consolution makes and the other consolution makes and the othe	signed when a specific number of controllation in several and controllation.  The diagnostic fault cross is signed when a specific number of controllation in several controllation	Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name	. Norse NO	- 1600a Y	- Deleted in mindure formation - Deleted in special may be a second of the second of	- Because this is a secondary fault, start by repairing the principle of the period of	0004 0004 0004	Possible apparent gymptom: - Reduced owjning goose - R	The engine reservits to the time home program.  Indicate verient question procedule of similarity  and the standard shall be a second procedule of the standard shall be a second order of the standard shall be a second order or the standard shall be a second order or the standard shall be a second order or the second order order or the second order or
BNG000 0146000 131146  MENOT 2. BNG000 0146000 131146  MENOT 2. BNG000 0146000 131176  MENOT 2. BNG000 0146000 131176	Mildfise, cylinder 3: damaging exhaust gas after deserting.  Mildfise, cylinder 3: damaging exhaust gas.  Mildfise, cylinder 3: damaging exhaust gas.  Mildfise, cylinder 4: injection is not out.  Mildfise, cylinder 4: injection is not out.  Mildfise, cylinder 4: damaging exhaust gas after statistics.	composition strates and companies here with the semanting syletic by essessing they may appeal semanting syletic by essessing they may appeal semanting syletic by essessing they may appeal the semanting syletic by essessing they are supposed to the semanting syletic by essessing the right syletic by essential	P0303 Cylender 3 Minifes Delected  P0303 Cylender 3 Minifes Delected  P0303 Cylender 3 Minifes Delected  P0304 Cylender 4 Minifes Delected  P0304 Cylender 4 Minifes Delected	Madra  Madra  Madra  Madra  Madra  Madra	consolution makes in particular consolution in makes in the other consolution controls.  Protecting proteins macroscity.  - Other in makes the makes in the other consolution in makes in the other consolution.  - Other in makes the makes in the other consolution makes in a particular opinion and an accordance of the consolution makes in a particular opinion and accordance.  - Protecting proteins macroscity.  - Protecting proteins macroscity.  - Other in makes the makes in a particular opinion and accordance of the consolution makes in a particular opinion and accordance.  - Protecting proteins macroscity.  - Other in makes the makes in a particular opinion and accordance of the consolution makes in the makes in	signed with an appoint number of controllation may be worth a specific number of controllation may be worth as a specific number of controllation may be seen as a specific number of controllation may be seen as a specific number of controllation may be seen as specific number of controllation may be event as event	Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name  Voltage condition - Orlicard disco- Name	. None NO	- 10000 Y	- Deleted in motions system - Mechanist delete - Deleted in motions streamfore - Deleted in produce system - Deleted in produce system - Deleted in produce system - Deleted in system or mechanism - Deleted in system or mechanism - Collaboral Staff logged, from procision with motions - Demotion system or mechanism - Collaboral Staff logged, from procision with motions - Demotion system or mechanism - Collaboral Staff logged, from procision with motions - Demotion system or mechanism - Deleted in motions streamfore - Deleted in motions formation - Deleted in motions formation - Deleted in motions formation - Deleted in motions -	- Recase the is a secondary faul, start by requiring the printing fault.  - Recase the is a secondary faul, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing of the printing of the printing of the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recase the is a secondary fault, start by requiring the printing fault.  - Recases the is a secondary fault, start by requiring the printing fault.  - Recases the is a secondary fault, start by requiring the printing fault.  - Recases the is a secondary fault, start by requiring the printing fault.  - Recases the is a secondary fault, start by requiring the printing fault.  - Recases the is a secondary fault, start by requiring the printing fault, start by requiring the printing fault fault by requiring the printing fault.  - Recases the is a secondary fault, start by requiring the printing fault fault by requiring the printing fault f	00000 00000 00000 00000	Possible apparent gymptom: - Reduced owjning goose - R	The engine reservits to the time home program.  Indicate verient question procedule of similarity  and the standard shall be a second procedule of the standard shall be a second order of the standard shall be a second order or the standard shall be a second order or the standard shall be a second order or the second order order or the second order or

			The fault is incorporated where the combustions drows in a particular cylinder is stower than the combustions advalues on the other combustions advalues on the other					- ECE emissions warning lamp: on			
			The diamensis fault rade is					- ECE electronic engine power reduction: on - CC message: on			
MEV017.2-	The diagnostic function monitors the duration of the combustion strokes and compares them with the remaining cylinders by assessing the rym signals		Potential profesions occurro(s):  - Delice in micrace Semination of construction micrace semination of construction micrace semination of construction micrace semination micrace semination.  - Defect in ignition system  - Mechanical defect on a reversion on exhaust  - Mechanical defect on a reversion within			Defect in mixture formation     Defect in ignition system     Mechanical defect	- Because this is a secondary fault, start by repairing	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms:	Breakdown notice:	
BN2020 0x140504 1312004 Misfire, cylinder 5: damaging exhaust gas	remaining symbols by assessing the principles (segment periods). P0305	Cylinder 5 Mislins Detected Misline Cyl 5	- Defective DME 1000 crankshaft revolutions. none Voltage condition:	Onboard elect - None - None	NO -None Y	Y - Mechanical denect Y - Defective DME	the primary faults	- CC message: none none	Combustion miss may be noticed.	None None	None
			The fault is recognized when the combustion stroke in a particular sylinders is above than the combustion strokes on the other sylinders.					- ECE emissions warning lamp: on - ECE electronic engine power reduction: on			
	The diagnostic function monitors the duration of the		Potential problem source(s): The diagnostic fault code is - Defect in microre formation logged when a specific number			- Defect in mixture formation		reduction: on - CC message: on - US emissions warning lamp: on		Breakdown notice: The engine reverts to its limp-home program,	
MEVD17.2. BN2020 0x140801 1312257 Missine, cylinder 6: injection is cut out	combustion strokes and compares them with the remaining cylinders by assessing the rpm signals (segment particles). P0006	Cylinder 6 Misline Cyl 6	Defect in ignition system     Mechanical defect     Pofective DME revolutions. none (Voltage condition:	Onboard elect - None - None	NO -None Y	- Defect in ignition system - Mechanical defect Y - Defective DME	- Because this is a secondary fault, start by repairing the primary faults	- US electronic engine power reduction: on - CC message: on none	Possible apparent symptoms: - Reduced engine power	continued vehicle operation is possible but drivability is restricted, because power is reduced the driver should refrain from passing maneuvers.	None
			The fault is recognized when the combustion stroke in a particular confusion stroke in a particular confusion to the street than the					- ECE emissions warning lamp: on			
			combustion strokes on the other cylinders. The diagnostic fault code is loosed when a seedic number					- ECE electronic engine power reduction: on  - CC message: on			
MEVD17.2- Misfine, cylinder 6: damaging exhaust gas after	The diagnostic function monitors the duration of the combustion strokes and compares them with the remaining cylinders by assessing the rym signals		Potential problem source(s):  - Delect in micrate formation their ingestive effects on enhance formation  - Defect in gintion system  - Mechanical defect  -			- Defect in mixture formation - Defect in ignition system - Mechanical defect	- Because this is a secondary fault, start by repairing	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms:	Breakdown notice:	
BN2020 0x140602 1312258 starring	(segment periods). P0308	Cylinder 6 Missims Detected Missime Cylinder Cyl	- Denotive DME revolutions following the start. none Voltage condition: - The fault is remonized when the	Onboard elect - None - None	NO -None Y	Y - Defective DME	the primary faults	- CC message: none none	Combustion miss may be noticed.	None None	None
			combustion droke in a particular cylinder is silvever than the combustion stricks on the other					- ECE electronic engine power reduction: on			
	The diagnostic function monitors the duration of the		cylindes.  Potential problem source(s):  Defici in mixture themston  of combuston miss events, with			- Defect in mixture formation		- CC message: on - US emissions warning lamp: off			
MEVD17.2- BN2020 0x140604 1312260 Mildine, cylinder 6: damaging exhaust gas	combustion strokes and compares them with the remaining cylinders by assessing the rpm signals (segment periods). P0008	Cylinder 6 Mistine Detected Mistine Cylinder Cyl	Defect in ignition system     Nechanical defect     Defect by Commission, are acceptated within     Defective DME 1000 cansishaft revolutions. none Voltage condition:	Onboard elect - None - None	NO -None Y	- Defect in ignition system - Mechanical defect Y - Defective DME	- Because this is a secondary fault, start by repairing the primary faults.	- US electronic engine power reduction: off  - CC message: none none	Possible apparent symptoms: Combustion miss may be noticed.	Breakdown notice: None	None
								MY10 ECE:			
								ECE emissions warning lamp:     off     ECE electronic engine power     reduction: off			
			The fault is recognized when the spank duration is below a value					reduction: off - CC message: none MY10 US: - US emissions warning lamp: off			
			stored in the program map.					- US electronic engine power reduction: on - CC message: on			
			Potential problem source(s)  - Defective spath, plug  - Defective wining harness between rightion cold and DIME  The diagnostic fault code is			- Defective spark plug - Defect in wiring harness between ignition cell and DME	Replace spark plug     Check wiring harness between ignition coil and DME     Check ignition coil	MY11 ECE: - ECE emissions warning lamp: off - ECE electronic engine power		Breakdown notice: Continued driving possible if only the one cylinder is affected. The ignition miss detection should recognize	
MEVD17.2- BNQ020 0x150102 1376514 Ignition, cylinder 1: combustion duration too short	The diagnostic function monitors the spark duration. P1301	Ignition Monitoring Cylinder 1 Spark Duration Too Short	Detenden ginton coal and LML:  - Defective injoins coal  - Defective DME  - Defective DME  - Defective DME  - Obtactive DME	Onboard elect - None - None	NO none N	DME - Defective ignition coil N - Defective DME	Replace DME if the fault code remains logged continuously	- ECE-electronic engine power reduction: on	Possible apparent symptoms: Ignition miss and hard starting can occur.	affected. The ignition mas detection should recognize the affected cylinder and deactivate the injection to protect the catalytic converter.	None
								MY10 ECE: - ECE emissions warning lamp: off			
								- ECE electronic engine power			
			The fault is recognized when the spark duration is below a value stored in the program map.					- CC message: none MY10 US: - US emissions warning lamp: off - US electronic engine power			
			Potential problem source(s):					reduction: on - CC message: on MY11 ECE			
			Deflective spark plug     Deflect in wiring harness     between ignition coal and DME     The diagnostic fault code is			- Defective spark plug - Defect in wiring harness between ignition coil and DME	Replace spark plug     Check wiring harness between ignition coil and DME     Check ignition coil     Replace DME if the fault code remains logged	- ECE emissions warning lamp: off - ECE electronic engine power		Description of the continued of the continued driving possible if only the one cylinder is affected. The ignition miss detection should recognize the affected cylinder and deactivate the injection to	
MEVD17.2- BN2020 0x150202 1378770 Ignition, cylinder 2: combustion duration too short.	The diagnostic function monitors the spaint duration. P1302	Ignition Moritoring Cylinder 2 Spain Duration Too Short	Defective ignition cell logged when the fault counter     Defective DME total is above 320, none Voltage condition:	Onboard elect - None - None	none none N	- Defective ignition coil N - Defective DME	- Replace DME if the fault code remains logged continuously	reduction: on	Possible apparent symptoms: Ignition miss and hard starting can occur.	the affected cylinder and deactivate the injection to protect the catalytic converter.	None
								MY10 ECE: - ECE emissions warning lamp: of Color			
			The fault is recognized when the spark duration is below a value stored in the program map.					MY10 US: - US emissions warning lamp: off - US electronic engine power			
			Potential problem source(s):			- Defective spark plug	- Replace spark plug	- CC message: on MY11 ECE:		Breakdown notice:	
MEVD17.2-		Ignition Monitoring Cylinder 3 Spain Duration Too	Detective spark plug     Detection winting harmess between girsten coal and DME     Detective in spilice coal large plus of the fluid product is     Detective in spilice coal large plus or the fluid counter			Defective spark plug     Defect in wiring harness between ignition coil and DME     Defective ignition coil	Replace spark plug     Check wiring harness between ignition coil and DME     Check ignition coil     Replace DME if the fault code remains logged	- ECE emissione warning lamp: off - ECE electronic engine power reduction: on	Possible apparent symptoms:	Breakdown notice: Continued driving possible if only the one cylinder is affected. The ignition miss detection should recognize the affected cylinder and deactivate the injection to	
BN2020 0x150302 1377028 Ignition, cylinder 3: combustion duration too short	The diagnostic function monitors the spark duration. P1303	greaten nominateg Cymbra o Spain Dollwaren (eo Short	- Defective DME total is above 320. none Voltage condition:	Onboard elect - None - None	NO none N	N - Defective DME	- respace time it the last code remains logged continuously	-CC massage on none	Ignition miss and hard starting can occur.	protect the catalytic converter.	None
								MY10 ECE: - ECE emissions warning lamp: off			
			The fault is recognized when the					- ECE electronic engine power reduction; off  - CC message: none  MY10 US:			
			spark duration is below a value stored in the program map.					US emissions warning lamp: off     US electronic engine power     reduction: on			
			Potential problem source(s): - Datective spark plag			- Defective spark plug	- Replace spark plug	- CC message: on MY11 ECE:		Breakdown notice: Continued driving possible if only the one cylinder is	
MEVD17.2-		Ignition Monitoring Cylinder 4 Spark Duration Too	Oblicative spanis plug     Oblicative in wining harmans     between synthion coll and DME     Oblicative significan coll and LME     Idea of the college of the colleg			Defect in wiring harness between ignition coil and DME     Defective ignition coil	Check wiring harness between ignition coil and DME     Check ignition coil     Replace DME if the fault code remains logged	- ECE emissions warming lamp: off - ECE electronic engine power reduction: on	Possible apparent symptoms:	affected. The ignition miss detection should recognize the affected cylinder and deactivate the injection to	
BN2020 0x150402 1377282 Ignition, cylinder 4: combustion duration too short.	The diagnostic function monitors the spark duration. P1304	Short	- Defective DME total is above 320, none Voltage condition:	Onboard elect - None - None	PROTES DODG N	N - Defective DME	continuously	-CC message: on rone MY10 ECE:	Ignition miss and hard starting can occur.	protect the catalytic converter.	None
								- ECE emissions warning lamp:			
			The fault is recognized when the second duration is helder a rather					- ECE electronic engine power reduction: cff  - CC message: none MY10 US:   Commission weeken power.			
			spain, duration is below a value storred in the program map.					- Us emissions warning lamp; off - Us electronic engine power reduction; on			
			Potential problem source(s): - Defective spark plug - Obfect in wiring harses			- Defective spark plug - Defect in wiring harness between ignition coil and	Replace spark plug     Check wiring harness between ignition coil and DME	- CC message: on MY11 ECE: - ECE emissions warning lamp: off		Breakdown notice: Continued driving possible if only the one cylinder is	
MEVD17.2- BN2000 0x150502 1377538 Ignition, cylinder 5: combustion duration too short	The diagnostic function monitors the spark duration. P1305	Ignition Monitoring Cylindar 5 Spark Duration Too Short	between ignition coll and DME between ignition coll and DME between ignition coll and DME between ignition coll collection in the start counter collection in the start collec	Onboard elect - None - None	NO none N	DME - Defective ignition coil N - Defective DME	Check ignition coil     Replace DME if the fault code remains logged continuously	- ECE electronic engine power reduction: on	Possible apparent symptoms: Ignition miss and hard starting can occur.	Continued driving possible if only the one cylinder is affected. The ignition miss detection should recognize the affected cylinder and deactivate the injection to protect the catalytic conventer.	None
								MY10 ECE			
								ECE emissions warning lamp:     off     ECE electronic engine power     reduction: off			
			The fault is recognized when the spark duration is below a value					- CC message: none     MY10 US:  - US emissions warning lamp: off			
			stored in the program map.					- US electronic engine power reduction: on - CC message: on MY11 ECE:			
			Potential problem source(s):  - Defective spark play - Defective spa			- Defective spark plug - Defect in wiring harness between ignition coil and	Replace spark plug     Check wiring harness between ignition coil and DME     Check wiring not coil.	- ECE emissions warning lamp:		Breakdown notice: Continued driving possible if only the one cylinder is affected. The ignition miss detection should recognize the affected cylinder and describes the injection to	
MEVD17.2- BNZ020 0x150802 1377794 Ignilion, cylinder 6: combustion duration too short	The diagnostic function monitors the spark duration. P1306	Ignition Monitoring Cylinder 6 Spark Duration Too Short	Defect in widing harmless     between spraince out and DME     Defective spraince out and DME     Defective spraince out of the Busic counter     Defective DME     The diagnostic fault code is logged when the Busic counter total is above 320.     To diagnostic fault code is logged when the Busic counter total is above 320.     To diagnostic fault code is logged when the Busic counter total is above 320.	Onboard elect - None - None	NO none N	- Defect in wiring harmess between gristion coil and DIME DIME Commission of the Commission coil of Defective Ignition coil - Defective DIME	Check wiring harness between ignition coil and DME     Check ignition coil     Replace DME if the fault code remains logged continuously	- ECE electronic angine power reduction: on - CC message: on none	Possible apparent symptoms: Ignition miss and hard starting can occur.	affected. The ignition miss detection should recognize the affected cylinder and deactivate the injection to protect the catalytic converter.	None
								- ECE emissions warning lamp: on - ECE electronic engine power			
			The fault is recognized when the ignition-angle adjustment is					reduction: on - CC message: on			
			ignition angle adjustment is  outside the bolarance range. The diagnostic fault code is  Potential problem source(p: togged when the fault remains					- US emissions warning lamp: off - US electronic engine power reduction: off  US only, fault based on legislative requirement,	Possible apparent symptoms:	Breakdown notice:	
MEVD17.2- Ignition timing adjustment in idle, cold start Ignition	The diagnostic function monitors the ignition angle		- Poor fuel quality present for longer than 2 min. none Voltage condition:	Onboard elect - None - 5 sec. after engine on	None None Y	Y - Poor fuel quality	- Replace fuel	- CC message: none probably will never occur	- none	- none	- none
MEVD17.2- BN2020 0x151001 1380353 Ignition fiming adjustment in idle, cold start Ignition Smiling too early	The diagnostic function monitors the ignition angle while the catalytic converter is being heated. P050B	Cold Start Ignition Timing Performance Ignition Timing Cold Start						- ECE emissions warning lamp:			
MEV0717.2 System of the second	The diagonate fundam moderns the lighton eight while the catelydis convention is better threated. #76558	Cidd Start lysideo Timing Performance Igration Timing Cod Start						off ECS abottonia annina nauna			
ME/CVT 72 - System in the cost surfage algorithms in list, cost surfage layers in list, cost surfage la	The diagonate brodon monitors the ignition angle white the catenates conceptor is being Presented.  POSSB  POSSB	Gold Start tyrillon Timing Performance Igration Timing . Gold Start	The Sull is recognized when the syntho-eight adjustment is					off control of the co			
890/2020 0x151/001 1390/303 Writing to early  MEVO 17 2- Ignition tring algularment of partial load, cold state	while the catalysis convertine is being healted. P5558	Cold Start tyridos Trining Performance (gration Trining Cold Start  Cold Start tyridos Trining Performance Off Ida  Cold Start Start Spellon Trining Performance Off Ida  Cold Start Trining  Cold Start  Cold Start	The Bull to inscription when the gration angle adjustment is a clusted the solution carrier. The adjustment of the Protection profession securities (Sagnet Agreement and Agreement Protection profession securities). Supplied professional and amountain Professional and significant for trapper flows print, notice Violating conditions.		None None Y	Y Poor but quality	- Replace fuel	off - ECE electronic engine power reduction: off - CC message: none	Possible apparent symptoms:	Bruakdown nolice: - york	- none
890/2020 0x151/001 1390/303 Writing to early  MEVO 17 2- Ignition tring algularment of partial load, cold state	while the catalogic convertire is being healed.  PEGSB  The diagnostic function monitors the ignition angle.		The Bold is recognized when the synthesis explained in the synthesis explained in counts for both between single.  Producting professes recognized in the synthesis in the synth		None None Y	v , Picce byll quality	- Replace field	off  -ECE electronice engine power  reduction, off  -CC message: none  - US emissions warning lamp; off  -US electronic engine power  reduction, off  -US only, fault based on legislative requirement,		Braildown rotto:	- 0506
890/2020 0x151/001 1390/303 Writing to early  MEVO 17 2- Ignition tring algularment of partial load, cold state	while the catalogic convertire is being healed.  PEGSB  The diagnostic function monitors the ignition angle.		The Bolf is recognized when the symbol complex algorithm is counted to be distinction on the counter to be distinction to the counter to be distincted in counter to be distincted in the c		None None Y	Y	- Replace Let	CSC exchanges power seasons of CSC exchanges power seasons of CSC exchanges power CSC		Brandow refus 1998	- nons
890/2020 0x151/001 1390/303 Writing to early  MEVO 17 2- Ignition tring algularment of partial load, cold state	while the catalysis converter is being healed.  POSSE  The diagnostic function numbers this lighten angle, which the catalysis converter is being healed.  P136A		The Built is recognised when the synthese regal agriculture is counted the between array.  Protection protection according to the between arrays.  Protection protection according to the synthese accor		Notes Notes Y		- Presions test	- ECE evaluation (applies power control to the con		Brajahrine rodnic 16000	- 8008
### (### 1990)   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1,140,050   1	while the catalysis converter is being healed.  PDGSB  The diagnosis function markets the jugificer engine state of the process of the proces		The Bold is recognized when the synthon-steps deplacement is counted the businesses are pre- grated in problem security by the state of		Otonia Norma Y	Poor fail quality      Wing hames believe DEE and overload-protection ray for griden and rejection is defined.      Obtain the work of griden and rejection is defined.	- Replace had  - Hoped wiring harness between overload protection raise for right and protection, and DME - Replace consideration with protection raise gration and	- ECE enablative groups grower - Con message row		Brailabon rofac: 10000  Brailabon rofac: Brailabon rofac:	-1999
880000 0x151001 1380000 800000 to early  MSCC17 2 0x151001 1380000 lightless string algorithms of a partir load, cold start (SG0000 0x151001 1380000)	while the calabrid converter is being healed.  POSSE  The diagnosis fundor monitors the ignition angle while the calabrid converter is fully healed.  The diagnosis fundor monitors the lightion angle while the calabrid converter is fully healed.  POSSEA.		The Bott is recognized when the system-origin significance in a country in the survivors in a country in a		None None V	Wining harmon believe DME and controlled provided ready to golden and rejection to deficient provided ready to golden and rejection to deficient provided ready to golden and rejection to deficient provided ready.	<ul> <li>Replace overload-protection relay for ignition and</li> </ul>	CSC exchanges power seasons of CSC exchanges power seasons of CSC exchanges power ESC exchanges power	, none	-7009	- FOORS
MeVO17 2-2   MeV	while the catalytic converter is bring healed.  PEGGS  The diagnostic function monitors the system range while the catalytic converter is bring healed.  P136A  The diagnostic function monitors the power-supply were providing voltage the incidental system converter is bring healed.  The diagnostic function monitors the power-supply were providing voltage to the incidental system color.  The diagnostic function monitors the power-supply were providing voltage for the voltage of stories to the voltage of the		The facility recognized when the synthem expell adjustment is consistent with the second service dependent or include the second service dependent of the second service dependent of the second service dependent of the second s	Criticans steps . Name 5 saic, after angles on	None None V	Wiring harmoss between DME and overhood-procedure range for gription and rejection is deflicated and the second of the seco	Replace overload-protection relay for ignition and injection	- ECE electricite gipting power - CC messages row - CC messages row - CC messages row - CC messages row - US electronic eigning off - US electronic eigning power reduction of - CC messages, row - CC mes	Possible apparent symptoms:	- north	- nore
MCVC177.2-   McV	while the catalytic converter is bring healed.  PEGGS  The diagnostic function monitors the system range while the catalytic converter is bring healed.  P136A  The diagnostic function monitors the power-supply were providing voltage the incidental system converter is bring healed.  The diagnostic function monitors the power-supply were providing voltage to the incidental system color.  The diagnostic function monitors the power-supply were providing voltage for the voltage of stories to the voltage of the		The Bott is recognized when the system-orage degenerar is counter to be strated or any and a strategy of the s	Criticans steps . Name 5 saic, after angles on	None None V	Wiring harmoss between DME and overhood-procedure range for gription and rejection is deflicated and the second of the seco	Replace overload-protection relay for ignition and injection	CSC exchanges power seasons of CSC exchanges power seasons of CSC exchanges power control of CSC exchanges power	Possible apparent symptoms:	- north	- none
MCVC177.2-   McV	while the calabride convertire is being healed.  POSSB  The diagnosis function monitors the spition angle write the calabride convertine is being healed.  POSSGA  The diagnosis function monitors the posses supply  The diagnosis function monitors the posses supply  from the contrade protection may be spition and spition, checking for each resister and shorts to increase.		The facility incorplicid when the system course significance or significance o	Criticans steps . Name 5 saic, after angles on	None None V	Wing harness between DME and nentract-protection relay for grotion and injection is defective.     Defect in overtacl-protection raisy for gritton and injection in relations in the protection and injection in the protection of the protection	- Replace continues provided in tally for fation and registerior.  Register DME  - Others trave.	See	Possible apparent symptoms:	- north	-nose
### (### 1500)   1380353   Selling to early    #### (### 1500)   1380353   Selling to early    ##### (### 1500)   1380353   Selling to early    ###################################	while the catalytic converter is bring healed.  PEGGS  The diagnostic function monitors the system range while the catalytic converter is bring healed.  P136A  The diagnostic function monitors the power-supply were providing voltage the incidental system converter is bring healed.  The diagnostic function monitors the power-supply were providing voltage to the incidental system color.  The diagnostic function monitors the power-supply were providing voltage for the voltage of stories to the voltage of the		The facility incorplicated when the significon-script adjustment is counted to be distanced using.  Producting professor scripts.  "The disposable facility counter is the same of the sam	Criticans steps . Name 5 saic, after angles on	Nova Nova V	Wing hames believe DME and overload-present really inguiser and specified to deleting control of the contr	Replace overlose-profilection relay for ignition and repetition relations of the repetition relation relation relations relations relation relations re	CSC exchange power control of con	Possible apparent symptoms:	- north	-nora

ME/0172-2- 0x152000 1384457 Spellen closul augs)	The diagnostic function simultaneously monitors the span displace in all options.			tage condition - Colorand skell Nazia - Nova	NO 809 N	. Defect in contral voltage buggly . Obeck power supply of spikon rode	MY10 ECE: - FCC entained warring lamp - FCC entained warri	Breakdown notice: Note: Note: Note:
MESOT7.3. 840000 0n15700 1384712 Super-incoding of	The diagnostic function rapposed to enhance combustion whose by describing the impaction at the cylinder 1 injection switch-off tall cylinder.	P13A0 Knock Contest Fuel Cut-OFF aux to Super Knocking P13A0 Cylindar 1 Super Knocking	The Ball as sucception when a significant control of the sucception when a significant control of the sugar and sucception succeed).  Profession produces succeedy.  **Ball and sucception succeedy.  **Ball and sucception succeedy.  **Temporary contamination in sucception succeeding of the succeeding s	tage condition Onboard elsec <sup>®</sup> Engine warmed to normal temperary-flowe	NO 1004 Y	- Missue, terminal status switch during vehicle clear food flag to the ECU but memory contained for the contained or terminate or contained or character or instate passages.  - If the diagnostic fault code has been togged once, clear flag flag flag flag flag flag flag flag	- ECE entracione warring lamp of  - ECE electronics regime power  - CC reseasign: row -  -	Breakform rotice: None None
MEV/017.2 . BN-00000 Oy-152009 1384668 Super-knocking, c	The diagnosis function reasonable or entered combustion executively selection as the combustion whose by describing selection at the 2nd objection selection of the 2nd objection.	P13A1 Knook Control Fuel Cut Off due to Super Knoodeng P13A1 Options 2	Posterio de profese succesió	age condition Ontowed elect. Engine warrand to portrad barrants. Home	NO none Y	Missee, terminal states switch during vehicle     Temporary contamination is confusion character or if the diagnostic fault code has been logged once,     Temporary contamination in confusion character or if the diagnostic fault code has been logged murgin interes, cheek the injector and gration or all of printer 2.	Of Contagn course Cours	Breakform refore None None
MEVOT 2- BN0005 0r15200 1385224 Super-knocking, 0	The diagnostic function responds to enhance combustion should be already as injection at the particular should be already gain injection at the particular should be already as injection at the particular should be already as a supplied to the should be a supplied to the should be already as a supplied to the should be a supplied to the s	P1343 Knock Control Fuel Cut Off due to Buger Knocking Cylender 9	operation in the supper and of the lab of any operation the lab of any operation source(s) - Mexical, imment allers are shown to the disperation found to the shown of any operation of the disperation of the shown	tage condition - Ontoined deep! Engine warmed to normal language. More	NO none V	- Misses, turned states within during which operation - Temporary commenciation is consistent character or indicate particular contents on the consistent character or indicate placeage;  - Temporary commenciation is consistent character or indicate placeage;  - Temporary commenciation is consistent character or indicate;  - Temporary commenciation is consistent character or indi	CE description (purple power of the control of the	Breakdown rodoc None None
MENO11.3. BN0000 0x159408 1385400 Super-innoking, o	The diagnosts function responds to enhance combustion viscos by describing the injection at the describing the injection and the combustion and t	P13A3 Konca Contest Fuel Cut OFF car to Buger Knostleng Opinion 4	events in distincted cuting expire groupes grouped for the spire and of the short Groupe.  Presenting proteins mourcas(s) the short Groupe.  Presenting proteins mourcas(s) the short Groupe.  - Temporary contensions in The disproads fault code is controlled or cheering or rates in present for larger short or fault or spire.  The last its morphorary of interest brooks and the short of short or shor	tage condition:Ontoined direct: Engine warmed to roomed tempore:-Nove	NO nosa y	- Millous, terminal status awith during whice - Temporary contemination in contraston charter or - Temporary contemination charter or - Temporary charter or - Temporary charter or - Temporary charter or - Temporary c	- ICCC missions wering large - ICCC missions wering large - ICCC missions were grown and a control of the contr	Brashdown riction Notice Notice
MEVO17.2- 8ND000 0x152508 1385736 Super-Ampoiling, 0	The diagnostic function reagonals to exhemic controlled 5 (representations seeks) by the closely give injection at the controlled 5 (representations are the controlled 5).	Kock Cortel Full Co. Off Aut to Super Kocking P1384  Cylinder 5	operation in the signifier and of the but from the but fr	tage condition Onbesed elect. Engine warmed to normal tempere. None.	NO none y	- Misses, terminal status anoth during wholes operation - Temporary continensions in during wholes - Temporary continensions for the continension of the continension of the speak play speak while speak play speak whole speak play spe	-CCC messager, crose core core core Engine core Fuel and core core core core core core core core	Bruakforn redox.  Brose None
MEV017 2- (8A0000 0v15988) 1389902 Super-knocking, c	The diagnostic function responds to exheme combustion hosts by skell-skilling the injection at the combustion hosts by skell-skilling the injection at the combustion of the c	Frank Contest Fuel Cut-Off due to Super Knocking P1346 Cplotter 6	high marker of immea brock events is detected und may capita operation in the support and of the bad range pre- proposition in the support and of the bad range.  Protesting proteins source(s)  -Makeus, terminal status south during verificial controls during verificial controls controls controls or the status of the controls controls or the status of the status of the controls controls or the status of the status of the controls or the status of t	tage condition . Orbitated deads . Engine werened to record tempore How	NO none Y	- Misses, termed states which during velocity operations - Temporary continemation is consistent or state from the latent togget dross, continued to the consistent or state from the latent togget multiple store, continued to the present of the space from the latent togget from the latent latent togget from the latent la	- I.CC entrologic large - I.CC electronic entrologic large of I I.CS entrologic entrologic large of I I.SE entrologic entrologic large of I I.SE electronic entrologic large power - Induction of I I.CC entrologic code - I.CC en	Braaklové notoc Brow None
MEVOT7 2- ISN0000 0x150008 1307794 Super-knood	The diagnostic function responds to earliering large blackfor prefix of a combination broad by dead-valling the ispection.	P137F Knook Control Fuel Cut Off due to Super Knooling Knook Currint System	high marker of immea leocic events is detailed aftering expine spossition in the upper and of the later range of the later range of the later range the later range of the later range of the later range - Mexica, lemined later and the during verifica operation during verifica operation combastion cultured marker or visible stopped where the fault minutes combastion cultured marker or visible stopped where the fault minutes combastion cultured markers or visible stopped where the fault minutes combastion cultured markers or visible stopped where the fault minutes combastion cultured markers or visible stopped where the fault minutes combastion cultured markers are stopped where the fault minutes combastion cultured markers are combastions or combastions and combastions are combastions are combastions are combastions and combastions are combastions are combastions and combastions are co	lage condition: - Orboard elect Engine warmed to normal temper - Hone	NO none y	- Misses, turninal status switch during vehicle operation - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor character or initiate passagers  - Temporary contemination in combustor char	-ECE entraisons wanting lamp;  off  If  ICE entraison of  -CC entraige roots	Breakdown noface None None
MENG172- BIGG000 Gr/80001 1441770 Curlsionfil	The diagnosis function monitors the crankshallst sensor.	P0335 Cawlahif Postor Sensor 'X' Circut Cawlahif Postor Sensor	The facility recognized when no constitution product sensor signal is discreted, whency is signal for the cannot produce the control of the c	Lags condition - Oncound sheet None - None	NO NO N	Defect in wiring harmes between DME and contributed contribut	MY TO ECE  - CEC entained washing large  - CEC electrons equite power  - reaching of  - CEC entained washing large  - CEC entained washing large  - CEC entained washing large on  - US electrons equite power  - scalation on  - CEC entained washing large  - CEC entained was	Breakdown notice: The engine revers to its emergency imp-hone: The engine revers to emerge imp-hone: The engine reverse imp-hon
MCC0772 0x160000 144104 Countriell service	The diagnosic function monitors the cranishant service.	Covalulati Position Santor X Circuit P0036 Respirationaries Covadant Pusition Santor	The Bacil is recognized when an apparature of the Control of the C	sage condition Circoand elect - None None	NO NO Y	- Ordical in wiring harmoss between DME and constantial serior.  - Outdiston research serior where status registers - registers (and ordical registers) - Relation registers of substitute (and ordical registers) - Relation registers (and ordical r	ACC electronic segue power such control for the control for th	The export restricts the recognity step-home program, contracted with operation is possible, because power is reduced the driver foliate striken. A terminal status arealth must be conducted the driver foliate striken. Moreover, and produced the driver foliate striken.
MESIC17.2 - 0x16010 144058 Commant sersor.	The diagnostic function mostors the creasulability parked position. Not glouseble	P13CE Cursadat Partog Positor Inglaucita Carsanat	The facility recognized when the engines in year investment during a second mining position carring and the property of the pr	tage condition - Ordinard stace! Notes - None	NO NO N	Defect in wing harmon between DME and     Outlitton in mutach ring (for instance, when stature engages)     Constant and engages of the control of the	MY TO ECE  CEC entraines waiting large  -ECE electronic engine power reduction of  -CC entraines -CC	Braskdown nation. Nove Nove
M69617.2-	The diagnostic function remoters the intake carefulal.	Cannatal Pulsion Sensor X Croal High (Sen 1 or	The death a recognised steen the first and the steel of the steel of the constitution of the constitution of the constitution assessed a potential problematic pro			Defect in wiring harmoss between DME and camelahit     positions sensors	MY16 CCE  -CCE entrained wearing large -CCE destinates wearing large -CCE destinates warring large -CCE entrained wearing large -CCE constance among large can -CCE constance among large -CCE constan	Breakflown radios:
	position sensor.  The diagnostic function monitors the intake canabulat	PO343 Single Senter) Carelet Position Sensor  Carelet Position Sensor Carelet Position Sensor Carelet Position Sensor Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sent 1 or Carelet Position Sensor W. Circuit Low (Sensor W. Carelet Position Sensor W. Circuit Low (Sensor W. Carelet Position Sensor W. Circuit Low (Sensor W. Carel	Intel® Electrical service. Topic canabalit rejustor nove Vide  The fault is recognised when the  engine is having over and no  faut related the novel constant  service is passed.  Preference surrices and passed.  Preference surrices and passed  popular services or creatably  popular services or creatable  pop	age contition - Orticerd etack Nates - Atoms	(NO NO N	position sensor or cranshalf sensor.  Canabalt sensor defective.  Canabalt sensor defective.  - Check sing turneds belance DME and canabalt position sensor.		Ton passing Management. Nove
	the augment expected freedom presents are remained and personal love position present.	POSAC Service Posac Communication (Service)  Stages Service)  Consolent Posation Spready		Laps condition , Concept descr. Name	NO NO N	Applicate severe or commission services.  Campilati severe or commission service.  Campilati severe or commission service.	Food of the Committee of Commit	Street Selection of the second water Money Selection of the Selection of t

						The faul is recognited when the origin is turning over and no bus resides to the outman of the outman outma							MY18 ECE:  -ECE enteroiding lamp or control of the property of the state of the property of the state of the property of the state of the property of the prop	Possible apparent symptoms	Brassleven nation The engine recents in the engine recent in the surregency (exp-home	
MEVD17.2- BN2020 (	On 184031 1468229 Enhance cannot have sensor signal for	The diagnosis function moders the exhaut command prodes sensor.	P0567 . C	Senseted Protein Sensor W Croud Low Slave 1). Complex	Position Sensor Exhaust Electrical	believe DEE and command 1 position second or consented 1 command to signal from company 1 from c	nona Vota	tage condition; . Onboard efect	Notes Notes	1G NG.	Defect in wining hamses between DME and come!     people sensor in control bill sensor.	- Check wing harness between DME and camshalt position seasor.     - Camshalf sensor defective	Electricire region culput  Anna Carlo Circ o  Anna	cheeded stating times and power loss. It is opposas in combination with an internal committal sensor fault then no resident is possible on resident is possible.	program, continued verificial operation is possible, because power in vertical to develop and produce from passing manteuvers.	None
MEVD17.2- BN2020 (	On16440 1468340 Inter-complete, mechanism insolitation bully	The diagnosis function monitors the installation position of the installation position p	P1SCA	W Cannoted Incornect Assembly	ganolut Make Incorport Assembly	camehalt sensor relactor rings and  through the adaptation routine  during risks sent or following  pagaments,  Potential proteins source(s): - Incorrect institution of intake  performed.	nona Volta	tage condition; - Onboard alect	None None N	v2 NO	N Incorrect installation of vitale consthalf	- Install Intake carrishet correctly - Adjust valve timing	Commission was mind plans.  Off part leads to AT.CTL.max (FC Text L64.4 190cs).  FECE electronic enging power sections, disactivation: Boost pressure pressure control, disactivation: Boost pressure pressure disactivation: Boost pressure disactivation: Boost pressure disactivation: Boost pressure pressure disa	Possible apparent symptoms: None	Basaldown roldor: The engine reverts to its emergency limp-home program, continued whichis operation is possible, because power in advoced the driver strout refrain from passing maneuvers.	None
MEVD17.2. BNQ020 (	On16661 146041 Edward camphalt, mediuminin installation faulty	The diagnosis function monitors the institution position of the extent constitution.	PISCE	Ti Camahali Inconsol Assembly	annink Erhaus Inconsci Assembly	The fault is recognited when the cannot be a served to the control of the served region of the control of the served region of the control of	none Note	tage condition: . Onboard elect	None None	so so	N Incoment installation of enhance complete	- Install enhant cambult correcty - Adjust vote timing	ECE electronic anglisi planer  -Cor essage on  MY10 LES electronic service jumps  -Cor essage on  MY10 LES electronic service jumps  -Cor essage on  MY11 ECE electronic electronic service  -Cor essage on  MY11 ECE electronic electronic service  -Cor essage on	Розвійн аррамет зутріоть: Може	Braakform rodes: The engine reverts to its emergency (sing-home program, continue-knike goversion in piscable, because power is reduced the offers should what from piscable gramanouses.	None
MEV017.2-		The diagnostic function monitors the quality of the				The fault is recognized when the signal from the knock seasons is located the measurement range. Plantage openin secretary:  - Sprayle processing or company of the control					- Signal-processing error, ricorract measurement Delective wing harness	- If faults existed by the brack accounts have been supposed specified the last of the control	MY TABLES  EXECUTION OF A STATE O	Розайн арричет купублик	Brashdown notice:	
BN2020 (	Content control fact check mathematics, gyatem text     Content control fact check mathematics, gyatem text     Content control fact check mathematics, gyatem text     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given input A, short circuit to     Content control factors are given in the control factors ar	signals from the knock services  The diagnostic function monitors the sensor wire for			General	Process warenr defineting immediating immediating.  The start is logged in the ECU start memory when the strock sensor's signal voltage also above the strock sensor's signal voltage also above the strock sensor's signal voltage and above the strock sensor's signal voltage and above the strock sensor signal voltage and the strock sensor signal	ngna Votta	lage condition; - Onboard elect	None None h	100 oone	Y	Registed brook sensor  - Check wiring harness between livrods sensor and DME - Registed livrods sensor	-CC reseage; on rooms.  -CC enterange imprigner  -CC enterange imprigne	Country systems proposed to Singles none poorly with power too.  Procedure apparent symptoms:	None  None  Breakdown redice:	None
MEVD17.2-		short crowds.  The diagnostic fundor mobiles the sensor wite for any of course.	P13AF		States Sensor 1  States Sensor 1	- Frocks cancer defective smme-dataly.  The fault is logged in the ECU flast memory where the brook security size of any part of the property		tage condition: - Onboard elect		90 none	N - Knock sensor defective  - Knock sensor defective  - Celective wiring Namesa. N - Knock sensor defective	Replace DME  - Disck wiring harmost between knock sensor and DME.  - Disck wiring harmost between knock sensor and DME.  - Replace DME.  - Replace DME.	-CC reseage on none  ECE: -CC entransmenting lamp: -CEC extensions earling lamp: -CEC extensions earling poser -reduction on	Possible reduction in power  Possible apparent symptoms: Possible reduction in power	None  Breakdown notice:  Alone	None
MEVD17.2-		The diagnostic function monitors the sensor wire for sport or profits.	P1589		sis Sensor Sensor 1	The Baut is logged in the ECU fault monory which the stock search's significant sources by V.  Profession sources; - Oelscole wining harmes models but memory should be sourced from the control models's fault memory immediately.		tage condition: - Onboard elect	Notes Notes	10 one	N Defective wiring homeas - Hoppe reage defective - Hoppe reage defective	Check widing harness between knock sensor and DME     Residue shock sensor     Residue shock sensor     Residue shock sensor	ECE  CE entonione warring lamp  -ECE electronice raping power  -CC reassage on  -CG reassag	Possible apparent symptoms: Possible reduction is power	Breakfown notice: None	Note
MEVD 17.2- BN2020 C	Contident 1 1477185 Monat sensor, electrical signal liquid B, short circuit bi ground	The diagnostic function monitors the sensor wire for short circuits.	P1388	Konck Sensor 1 Circuit & Low (Sara 1) K	oo Sansor Sansor 1	The faul it liquid in the ECU start memory when the twock sensor's signal voltage is below - good to the sensor of the sensor sensor sensor carticular senso	none Volta	tage condition; - Onboard elect	Nona - Nona N	vO come	Oelectrie wiring harness     Knook sensor defective	Check wiring harmess battereen knock starsor and DME     Replace knock sensor     Replace DME	ECE TOTAL TO	Possible apparent symptoms: Possible reduction is gower	Breakdown notice: None	None
MEVD17.2- BN2020 C	On 188400 1477200 Month sensor 2, decrinal signal legal A, short circuit is pushed.	The diagnostic function monitors the sensor wire for select circuits.	P158F	Koock Sener 2 Cloud Y High (Sen. 1) K	ock Sensor Sensor 2	The Boat is logged in the ECU fault memory when the brook sensor's signal voltage is also local sensor's signal voltage is also local sensor signal voltage in the source of the sensor	nona Volta	lage condition: - Onboard elect	None None	10 cook	Defective widing harmoss     No. Chicak sensor calculose	- Check wiring harness between knock sensor and DME - Replace knock sensor - Replace DME	ECE ENTERON PROPERTY INTO CONTROL PROPERTY I	Possible apparent symptoms: Possible reduction is power	Breakdown notce: More	Mone
MEVD17.2- BN2020 C	Noocs sensor 2, electrical signal input A, short circuit to ground	The diagnostic function monitors the sensor wire for short directly.	P1366	Knock Sensor 2 Circuit V-Low (Senit 1) K.	col Sensor Sensor 2	The last is logged in the ECU fact neutry which he lock sensors sign of the COU fact neutry which he lock sensors sign of the COU fact neutry fact neu	none Volta	tage condition: - Onboard elect	None - None N	gO none	Unletche wiring harness     Knock sensor defective	- Check wiring horness between lovels cannor and DME Replace broot sensor Replace DME	- ECE entonice surroy (upon power entonice) and power entonice on entonice or	Possible apparent symptoms: Possible reduction is gower	Breakdown rodick: Nove	None
MEVD17-2- BN2020 C	Gc186A60 1477218 Nocci sensor 2, electrical signal input B, short circuit to positive	The diagnostic function monitors the sensor wire for short circuits.	P1SCB	Koncal Sensor 2 Circuit 'W High (Bark 1) K	od Bener 2	The fault is logged in the ECU fault memory which the stock sentens significant participate above 1V.  Politation performs somely:  - Onticine wiring hamses  - Kocck senter defective  - March senter d	none Volta	lage condition: - Onboard elect	None - None n	50 cons	N - Defective wiring harmoss - Knook sensor defective	Check wiring harness between knock sensor and DME     Replace knock sensor     Replace DME	- CEC entonous warring large.  CEC entonous warring large  CEC entonous large planter  - CEC entonous large planter  - CEC entonous large  - CEC entonous	Possible apparent symptoms: Possible reduction is power	Breakdown notice: None	Mone
MEVD17.2- BN2020 (	Sock Sensor 2, electrical signal input 8, inner circuit.  Bit ground	The diagnostic function monitors the sensor wire for short circuits.	PISCT	Moote Sensor 2 Circuit (T Lew (Bank 1) K	tol Sensor Sensor 2	The fault is logged in the ECU fault memory when the stock search of large is before a second or large is before the experiment of the exp	none Volta	tage condition; . Onboard elect	None Nose N	1G 000e	N Codective wiring Nameses N Codes warrage deductive	Check wiring harness between knock sensor and DME     Register knock sensor     Register block sensor     Register ChEE	-ECE entouses warring large  -ECE destines age passer  -CC established passer  -CC restable on  -CC restable	Possible apparent symptoms: Possible reduction in power	Breakdown notice: Bores	None
MEVD17.2- BN2020 C	Knock sensor, signal engine mechanically to load or K3 outside liberarce (sensitively)	The diagnostic function monitors the engine's noise level.	P0328 K	izock/Combussion Vibration Sensor 1 Clicul High (Black 1 or Single Bensor) K	tok Sensor Sensor 1	program map.  Presented profilem source(p)  - Knock acener is defletive or installed incorrectly  - Engine to too useling to mechanical deflect  - Low-quality fails* KRON 91  - Deflocation is KRON 91  - Deflocation in SECN 91  - The Mark RON 91  - The August In Incorrect in SECN 91  - The August	none Vota	tage condition: - Onboard alecs	Engine warmed to normal tampers. Name	90 0x5A37 0x5A38 0x5A39 0x581	Knook sensor is delective or installed incorrect     Engine Committee or installed incorrect     Longituding food of ODM 97     Lone-quality food of ODM 97	- Check installation torque and installation position of sensor  - Check-wiring harmons - Check-wiring harmons - Check wiring harmons - Check sergine for michanical defects (chain, canalyst) - Rabus with ROW 50 or higher - Registers brook sensor	- ECE dischardis engine power reactions on OCO messager on O	Possible apparent symptoms: Possible roduction is power	Braskdown rodics: None	Mone
MEVD17.2- BN2020 C	Gridding   Monck sensor, signal electrical fault KS (boos contact) or KS (boos	The diagnosis function monitors the knock sensor's established agencia.	P0327 K	JoseACombusion Vibration Sensor 1 Circuit Low (Bath 1 or Single Sensor) K	tol Sensor 1	The but it signal in the COU fault more year the reference level is to be relative to the present and present the	none Volta	tage condition; - Onboard elect	Engine warmed to normal tempers - None N	SO DESAY DESAY DESAY DESAY DESAY	Knock sensor is defective or installed incorrectly     William harmonic defective.	Check installation brieve and installation position of sensor	-ECE entitions saming large of the control of the c	Possible apparent symptoms: Possible reduction is power	Breakldown nofice: Note	None
MEVD17.2- BN2020 C	MooA sensor 2, signal engine mechanically to load or NS outside baleance (penalskyl) to FATZ48.	The diagnostic function monitors the engine's noise stored.	P1328 K	rock/Combuston Vibration Sensor 2 Circuit High (Stark 1) K	cis Sensor Sensor 2	Protestial problem source(s)  - Notice search is deficitive or  - Rocks search is deficitive or  - Engine to look aring to  mechanical select  - Low-quality fast is RON 91  Debounce via event counter	none Volta	tage condition; . Onboard elect	Engine warmed to normal tempers - None N	VO 045A37, 05A38 045A30 0481	Knook sensor is defective or material procrined in English too lood owing to machinize defect Compared to look of some control of the Look quality fair CROM 51.	Check installation torque and installation position of sensor     Sensor     Check winn planness     Check winn be mechanical dealest (chain, chain, ch	ECE electronic angina coner  -CC escalage on  -CC resease on  -MY 10 LL  -MY 10 LL  -1.58 electronic espira poser  -1.56 electronic espira poser  -1.57 electronic espira poser  -1.57 electronic espira poser  -1.57 electronic espira poser  -1.58 ele	Possible apparent symptoms: Possible reduction is power	Breakdown rodica: None	Note
						The task is logged in the ECU fault memory when the reference level is too low relative to the program map.				055037 065038 055039 0651		Check installation torqua and installation position of sensor     Check wiring harness	-ECE entitions warring large entitle e			

					The fault is recognized when the catalytic conventer loses the ability to store sufficient levels of						- ECE emissions warning lamp:				
					orygen.  Potential problem source(s): - Collateral fault stemming from						ECE electronic engine power reduction: on If faults related to the oxygen sensor or mixture ordantation have been longed renail those first.  - CC message: on				
MEVD17.2-		The diagnostic function monitors the ability of the			defective oxygen sensor or mixture adaptation fault - Leak in exhaust system	This fault is togged in the control module's fault memory				Collateral fault stemming from defective oxygen sensor or mixture adaptation fault     Leak in exhaust system	adaptation have been logged, repair these first (collaberal faut) - US emissions warning lamp: off - US emissions warning lamp: off - US electronic engine power reduction: off reduction: off reduction: off		Possible apparent symptoms:	Breakdown notice:	
BN2020 0x180001 15	2885 Catalytic converter: efficiency below limit value	castalytic conventer to stone oxyglen. P0	M20 Catalyst System Efficiency Below Threshold (Bank 1)	Cetalyst	Efficiency - Catalytic converter defective	immediately. none	Voltage condition: - Onboard elect - Engine warmed to normal terr	peri - None STEUERN_DKAT, STEUERN_E	INC nome Y	- Catalytic converter defective	entries respond by replacing the catalytic converter - CC message: none - ECE emissions warning lamp:	none	- none	-none	- none
					The fault is recognized when a control signal is transmitted to the DMTs obtained waive and a short claimst in present.						on - ECE electronic engine power reduction: on - CC message: on				Function testion on the DMTL (Diagnostic Module
					Potential problem source(s):	This fault is logged in the control					- US emissions warning lamp: off - US electronic engine power				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The conditions for fault detection apply to the function
MEVD17.2- BN2020 0x190001 16	DMTL solenoid valve, activation: short circuit to positive	The diagnostic function monitors electrical activation of the DMTL solenoid valve.	Evaporative Emission System Switching Valve Control Circuit High	EVAP System	- Defective wiring harmess Switching Valve - DMTL defective	module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	4 *(-10 min. in shutdown phase DMTL system test	none N	- Defect in wiring harness - DMTL defective	- Check wiring harness between DME and DMTL reduction: off  - Replace DMTL - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: MIL on, customer proceeds to service facility.	Breakdown notice: None	test, but not to diagnosis in the course of normal operation.
					The fault is recognized when an activation signal is transmitted to						ECE emissions warning lamp:     on     ECE electronic engine power reduction; on				
					activation signal is transmitted to the leakage diagnosis pump and a short circuit is present.						- CC message: on  - US emissions warning lamp: off				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The
MEVD17.2- BN2020 0x190002 16		The diagnostic function monitors electrical activation of the leakage diagnosis pump. P2	Evaporative Emission System Switching Valve Control Circuit Low	EVAP System	Potential problem source(s): - Defective wiring harness Switching Valve - DMTL defective	module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	4 *c - 10 min. in shutdown phase DMTL system test	none N	- Defect in wiring harness - DMTL defective	Check wiring harness between DME and DMTL     Replace DMTL     CC message: none	Only installed in US vehicles.	Possible apparent symptoms: Mil. on, customer proceeds to service facility.	Breakdown notice: None	conditions for fault detection apply to the function test, but not to diagnosis in the course of normal operation.
					The fault is recognized when a						- ECE emissions warning lamp: on - ECE electronic engine power				
					control signal is transmitted to the DMTL solenoid valve and an open wire is present.						reduction: on - CC message: on				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The
MEVD17.2- BN2020 0x190004 16	8404 DMTL solenoid valve, activation: open circuit	The diagnostic function monitors electrical activation of the DMTL solenoid valve: P2	Evaporative Emission System Switching Valve Control Orcub/Open	EVAP System	Potential problem source(s): - Defective wiring harness Switching Valve - DMTL defective	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard electi - Ambient temperature between	4 *\ - 10 min, in shutdown phase OMTL system test	none IN	Defect in wiring harness     DMTL defective	- US emissions warning lamp: off - US electronic engine power - Check wiring harness between DME and DMTL - Replace DMTL - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: MIL on, customer proceeds to service facility.	Breakdown notice: None	no tauts related to the DMI L have been logged. The conditions for fault detection apply to the function test, but not to diagnosis in the course of normal operation.
					The fault is recognized when the leak diagnosis pump's current fails to reach a canciforal finiti						- ECE emissions warning lamp: on				
					within a time window defined in the program map.  Potential problem source(s):						- ECE electronic engine power reduction: on     - If diagnostic fault codes for the DMTL are logged, then clear the ECU fault memory. Should it prove				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that
MEVD17.2-	Fuel tank ventilation system and purge air system,	The diagnostic function monitors the leakage	Evaporative Errission System Leak Detected (small		- Leakage > 1 mm in tank evaporative emissions and purge air system	This fault is logged in the control module's fault memory				- Leakage > 1 mm in tank evaporative emissions and purge air system	Impossible to reproduce the fault using the DMTL function test then terminate the repair session.  - Check fuel tank for leaks		Possible apparent symptoms:	Breakdown notice:	no faults related to the DMTL have been logged. The conditions for fault detection apply to the function test, but not to diagnosis in the course of normal
BN2020 0x190201 16	8913 minor leak:Leak greater than 1.0 mm	diagnosis pump's current draw within a time window. P0	1442 (leak)	EVAP System	Leak Detection - DMTL defective	immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	3.8 - None Yes DMTL function test*	none Y	- DMTL defective	- Replace DMTL - CC message: none - ECE emissions warning lamp:	Only for US and Korea	None	None	operation.
					The fault is recognized when the leak diagnosis pump's current fails to reach a specified limit within a time window defined in						on - ECE electronic engine power reduction: on - CC message: on				Function testing on the DMTL (Diagnostic Module
	Football				the program map.  Potential problem source(s):	This fault is logged in the control					US emissions warning lamp: off     US electronic angine power		nu.		Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The conditions for fault detection apply to the function
MEVD17.2- BN2020 0x190302 16	Fuel tank ventilation system and purge air system, micro-leak Leak greater than 0.5 mm	The diagnostic function monitors the leakage diagnostic pump's test current. P0	Evaporative Emission System Leak Detected (very small leak)	EVAP System	- Defective wing harness Leak Detection - DMTL defective	module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	1.5 - 10 min. in shutdown phase DMTL system test	none Y	- Defect in wiring harness - DMTL defective	Check wiring harness between DME and DMTL reduction: off     Replace DMTL - CC message: none     FCF emissions warning larger.	Only installed in US vehicles.	Possible apparent symptoms: None	Breakdown notice: None	test, but not to diagnosis in the course of normal operation.
					The fault is recognized when the leak diagnosis pump's current fails to reach a specified limit						- ECE emissions warning lamp: on     - ECE electronic engline power reduction: on				
		The diagnostic function monitors the leakage			within a time window defined in the program map.  Potential problem source(s):	This fault is logged in the control					If diagnostic fault codes for the DMTL are logged, then clear the ECUI sult memory. Should it prove impossible to reproduce the fault using the DMTL function test then terminate the repair session.  - US electronic engine power  - US electronic engine power				Function teating on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The conditions for fault detection apply to the function
MEVD17.2- BN2020 0x190401 16	DMTL, system fault: pump current too high during reference measurement	diagnosis pump's current draw during the DMTL	Diagnostic Module Tank Leakage (DM-TL.) Pump Current Too High	EVAP System	- Defective wiring harness Pump Current - DMTL defective	module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	3.8 - 10 min. in shutdown phase DMTL system test	none N	- Defect in wiring harness - DMTL defective	- Check wiring harness between DME and DMTL reduction: off - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: MIL on, customer proceeds to service facility.	Breakdown notice: To be submitted by end of week 44	test, but not to diagnosis in the course of normal operation.
					The fault is recognized when the leak diagnosis pump's current fails to reach a specified limit						- ECE emissions warning lamp: on - ECE electronic engine power				
					falls to reach a specified limit within a time window defined in the program map.						If diagnostic fault codes for the DMTL are logged, then clear the ECU fault memory. Should it prove impossible to reproduce the fault using the DMTL - US emissions warning lamp: off				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The
MEVD17.2- BN2020 0x190402 16	DMTL, system fault: pump current too low during reference measurement	The diagnostic function monitors the leakage diagnosis pump's current draw during the reference current measurement. P1	Diagnostic Module Tank Leakage (DM-TL) Pump Current Too Low	EVAP System	Potential problem source(s): - Defective wiring harness - DMTL defective - DMTL defective	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	3.8 - 10 min, in shutdown phase DMTL system test	none N	- Defect in wiring harness - DMTL defective	function test then terminate the repair session.  - Check wiring harness between DME and DMTL.  - Replace DMTL  - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: ML on, customer proceeds to service facility.	Breakdown notice: To be submitted by end of week 44	conditions for fault detection apply to the function test, but not to diagnosis in the course of normal operation.
					The fault is registered when the current draw from the leakage diagnosis pump fluctuables by						ECE emissions warning lamp:     on     ECE electronic engine power				
					more than 1 mA dusting a time window defined in the program map.						reduction: on - CC message: on				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that
MEVD17.2- BN2020 0x190404 16	DMTL, system fault: abort due to current fluctuations during reference measurement	The diagnostic function monitors the leakage diagnosis pump's current draw during the reference current measurement. P1	Diagnostic Module Tank Leakage (DM-TL)	EVAP System	Potential problem source(s): - Defective wiring harness - DMTL defective - DMTL defective	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	1.5 - 10 min, in shutdown phase DMTL system test		Defect in wiring harness     DMTL defective	US emissions warning lamp: off     US emission	Only installed in HS unbinles	Possible apparent symptoms: MIL on, customer proceeds to service facility.	Breakdown notice: None	no faults related to the DMTL have been logged. The conditions for fault detection apply to the function test, but not to diagnosis in the course of normal operation.
33333	dang reterno menderan	Confess installations.	Dag code models (and cashage (bir-15)	LVV System	Pulip Garea - Cont. Greenwe	The Country of the Co	- Chicago Calcara and Calcara	1.5 - O THE PERSONNEL PRIMARY DOWN TO A PROPERTY OF THE PERSONNEL PRIMARY OF THE PERSONNEL PRIMA	(Section Processing Control of Co	- SWILL GERESTE	- Replace DMTL - CC message: none  - ECE emissions warning lamp:	City tolered it do versus	min. Cit. Campbridg is delived incliny.	70.00	operator.
					The fault is recognized when the current draw from the leakage diagnosis pump drops by less						- ECE electronic engine power reduction: on  - CC message: on				Function testing on the DMTL (Diagnostic Module
MEVD17.2-	DMTL, system fault: pump current reaches limit value	The diagnostic function monitors the leakage diagnosts pump's current draw during the DMTL	Diagnostic Module Tank Leakage (DM-TL.) Pump		than 2 mA.  Potential problem source(s):  - Defective wing harness	This fault is logged in the control module's fault memory				- Defect in wiring harness	- US emissions warning lamp: off - US emissions warning lamp: off - US electronic engine power - Check wiring harness between DME and DMTL reduction: off		Possible apparent symptoms:	Breakdown notice:	Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The conditions for fault detection apply to the function test, but not to diagnosis in the course of normal
BN2020 0x190408 16	9432 during valve test	solenoid valve's switching process. P1	1447 Current Too High during Switching Sciencid Test	EVAP System	Pump Current - DMTL defective	immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	1.5 - 10 min. in shutdown phase DMTL system test	none Y	- DMTL defective	- Replace DMTL - CC message: none - ECE emissions warning lamp:	Only installed in US vehicles.	None	None	operation.
					The fault is recognized when an activation signal is transmitted to the heater and a short circuit is						on - ECE electronic engine power reduction: on - CC message: on				Function testing on the DMTL (Diagnostic Module
					present.  Patential nonlines source(s):	This fault is logged in the control					- US emissions warning lamp: off - US electronic engine power			Breakdown notice: To be submitted by end of week 44	Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The conditions for fault detection apply to the function
MEVD17.2- BN2020 0x190501 16	9881 DMTL, heating, activation: short circuit to positive	The diagnostic function monitors the electrical connection between the DME and the DMTL heater. P2-	Evaporative Emission System Leak Detection Pump Heater Control Circuit High	EVAP System	- Defective wing harness DMTL Heater - DMTL defective	module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	4 "1 - 10 min, after engine off DMTL system test	none N	- Defect in wiring harness - DMTL defective	- Check wiring harness between DME and DMTL reduction: off - Replace DMTL - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: ML on, customer proceeds to service facility.	L6 (MSD85): - None	test, but not to diagnosis in the course of normal operation.
					The fault is recognized when an activation signal is transmitted to						- ECE emissions warning lamp: on - ECE electronic engine power reduction: on				
					the DMTL heater and a short circuit is present.						- CC message: on - US emissions warning temp: off			Breakdown notice:	Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The conditions for fault detection apply to the function
MEVD17.2- BN2020 0x190502 16	9682 DMTL, heating, activation: short circuit to ground	The diagnostic function monitors the electrical connection between the DME and the DMTL heater. P2-	Evaporative Emission System Leak Detection Pump Heater Control Circuit Low	EVAP System	Potential problem source(s): - Defective wiring harness DMTL Heater - DMTL defective	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	4 " - 10 min, after engine off DMTL system test	none N	- Defect in wiring harness - DMTL defective	- Check wiring harness between DME and DMTL reduction: off - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: MIL on, customer proceeds to service facility.	To be submitted by end of week 44  L6 (MSD85): - None	conditions for fault desection apply to the function test, but not to diagnosis in the course of normal operation.
					The fault is recognized when an						ECE emissions warning lamp:     on     ECE electronic engine power				
					activation signal is transmitted to the DMTL heater and an open wire is present.						reduction: on - CC message: on - US emissions warning lamp: off			Breakdown notice:	Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The
MEVD17.2- BN2020 0x190504 16	9884 DMTL heating, activation: open circuit	The diagnostic function monitors the electrical connection between the DME and the DMTL heater. P2	Evaporative Emission System Leak Detection Pump Heater Control Circuit Open	EVAP System	Potential problem source(s): - Defective wiring harness DMTL Heater - DMTL defective	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	4 *\ - 10 min, after engine off OMTL system test	none N	- Defect in wiring harness - DMTL defective	- US electronic engine power - Check wiring harness between DME and DMTL reduction: off - Replace DMTL - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: Mil. on, customer proceeds to service facility.	To be submitted by end of week 44 L6 (MSD85): - None	conditions for fault detection apply to the function test, but not to diagnosis in the course of normal operation.
					The fault is recognized when an						- ECE emissions warning lamp: on - ECE electronic engine power				
					I fine hault is recognized when an activation signal is transmitted to the leakage diagnosts pump and a short circuit is present.						reduction: on - CC message: on				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that
MEVD17.2- BN2020 0x190601 16	DMTL leak diagnosis pump, activation: Short circuit to 9937	The diagnostic function monitors electrical activation of the leakage diagnosis pump. P2	Evaporative Emission System Leak Detection Pump Control Circuit High	EVAP System	Potential problem source(s): - Defective wiring harness - DMTL defective - DMTL defective	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	4 *( - 10 min. in shutdown phase DMTL system test	none N	Defect in wiring harness     DMTL defective	US emissions warning larny: off     Other wiring harness between DME and DMTL     Replace DMTL     Replace DMTL     CO message: on	Only installed in US vehicles.	Possible apparent symptoms: CC message, customer seeks	Breakdown notice: None	no faults related to the DMTL have been logged. The conditions for fault detection apply to the function test, but not to diagnosis in the course of normal operation.
14			an anni raggi		The fault is recognized when an activation signal is transmitted to		The state of the s				www.commangeli.WII				
					the leakage diagnosis pump and a short circuit is present.						ECE emissions warning lamp:     on     ECE electronic engine power				
					Potential problem source(s): - Fault in wirely, hartess between DME and low-pressure sensor - Defactive in-Lank overpressure value					- Fault in wiring harness between DME and low- pressure sensor	reduction: on - CC message: on - US emissions warning lamp: off				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The conditions for fault describen apply to the function test, but not to diagnosis in the course of normal
MEVD17.2- BN2020 0x190702 16	0194 DMTL leak diagnosis pump, activation: Short to earth	The diagnostic function monitors electrical activation of the leakage diagnosis pump. P2	Evaporative Emission System Leak Detection Pump Control Circuit Low	EVAP System	valve - Defect in low-pressure sensor Pump - Defective DME	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard electi - Ambient temperature between	4 ^ - 10 min, in shutdown phase DMTL system test	none N	pressure sensor  - Defective in-tank overpressure valve  - Defect in low-pressure sensor  - Defective DME	- Check wiring harness between DME and DMTL - Replace DMTL - Replace DMTL - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: MIL on, customer proceeds to service facility.	Breakdown notice: None	conditions for fault detection apply to the function test, but not to diagnosis in the course of normal operation.
					The fault is recognized when an activation signal is transmitted to the leakage diagnosis pump and						ECE emissions warning lamp:     on     ECE electronic engine power				
					an open wire is present.  Potential problem source(s):					Equil to unidea .	reduction: on - CC message: on				Function testing on the DMTL (Diagnostic Module Tank Leakage) can only be carried out provided that no faults related to the DMTL have been logged. The
MEVD17.2- BN2020 0x190704 16	0198 DMTL leak diagnosis pump, activation: Open circuit	The diagnostic function monitors electrical activation of the leakage diagnosis pump. P2	Evaporative Emission System Leak Detection Pump Control Circuit/Open	EVAP System	- Fault in wiring harness between DME and low-pressure sensor - Defect in low-pressure sensor - Defect by Defect we DME - Defective DME	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - Ambient temperature between	4 *- 10 min. in shutdown phase DMTL system test	none N	Fault in wiring hamess between DME and low- pressure sensor     Defect in low-pressure sensor     Defective DME	- US emissions warning lamp: off - Check wiring harness between DME and DMTL - Replace DMTL - Replace DMTL - CC message: none	Only installed in US vehicles.	Possible apparent symptoms: MIL on, customer proceeds to service facility.	Breakdown notice: None	no faults related to the DMTL have been logged. The conditions for fault detection apply to the function test, but not to diagnosis in the course of normal operation.
					The fault is recognized by the driver circuit diagnostic function.						- ECE emissions warning lamp: on				
					Potential problem source(s): - Defect in wiring harness between DME and EVAP						- ECE electronic engine power reduction: on - CC message: on				
MEVD17.2-		The diagnostic function monitors the control wire to	Evaporative Emission System Purge Control Valve W		evaporative emissions valve - Defect in evaporative emissions valve	This fault is logged in the control module's fault memory				Defect in wiring harness between DME and EVAP evaporative emissions valve     Defect in evaporative emissions valve	- Check wiring harness between evaporative emissions valve and DME - Replace EVAP evaporative emissions valve - Replace EVAP evaporative emissions valve		Possible apparent symptoms:	Breakdown notice:	
BN2020 0x191001 16	2497 Tank-venting valve, activation: short circuit to positive	the EVAP valve for short circuits to positive. P0	M59 Circuit High	EVAP System	Valve - Defective DME  The fault is recognized by the	immediately. none	rvortage condition: - Onboard elect - None	-None STEUERN_TEV, STEUERN_E	IDE PWM activation signal, 0x4a77 N	- Defective DME	- Replace DME - CC message: none - ECE emissions warning tamp:	none	MIL on, customer proceeds to service facility	None	None
					driver circuit diagnostic function.  Potential problem source(s):  - Defact in wiring harness						on - ECE electronic engine power reduction: on - CC message: on				
MEVD17.2-		The disancesic function monitors the control wire to	Evaporative Emission System Purge Control Valve 'X'		between DME and EVAP evaporative emissions valve - Defect in evaporative emissions valve	This fault is logged in the control				Defect in wiring harness between DME and EVAP evaporative emissions valve     Defect in evaporative emissions valve	Check wiring harness between evaporative emissions     US emissions warning lamp: off     US electronic engine power     Replace EVAP evaporative emissions valve		Possible accurrent symptoms:	Breakdown notice:	
	2498 Tank-venting valve, activation: short circuit to ground		Evaporative Emission System Purge Control Valve V/ Gircult Low	EVAP System	Valve - Defective DME  The fault is recognized by the	module's fault memory immediately. none	Voltage condition: - Onboard elect - None	None STEUERN_TEV, STEUERN_ER	IDE PWM activation signal, 0x4a77 N	Defect in evaporative emissions valve     Defective DME	Replace EVAP evaporative emissions valve reduction: off     Replace DME - CC message: none     ECE emissions warning lamp:	none	Possible apparent symptoms: ML on, customer proceeds to service facility	Breakdown notice: None	None
					driver circuit diagnostic function.  Potential problem source(s):						on - ECE electronic engine power reduction: on				
					- Defect in wiring harness between DME and EVAP						- CC message: on				
								STEUERN_TEV, STEUERN_E	(DE						

				The fault is recognized when there is no drop in the current consumed by the leakage						- ECE emissions warning lamp: on - ECE electronic engine power				
				diagnosis pump.  Potential problem source(s):						reduction: on - CC message: on				
MEVD17.2- BN2020 0x191A21 1645089 Tarik-venting valve; jammed open	ne diagnostic function monitors the flow through the	5400		- EVAP evaporative emissions valve seizes in closed position - Obstruction in path between This fault is logged in the control module's fault memory			OTANT OVERTHOUSEN TO	- EVAP evaporative emissions valve seizes in closed position - Obstruction in path between intake manifold	- Replace EVAP evaporative emissions valve	- US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	N
BN2020 0x191A21 1645089 Tank-venting valve; jammed open	fuel tank's EVAP vent line. P2421	Evaporative Emission System Vent Valve Stuck Open EVAP System	7,500	intake manifold and tank immediately.  The fault is recognized when the	none (Value consison: - Ontoler la	co-none -none	START_SYSTEMCHECK_TEV none	N and tank	- Check flow in lines between intake manifold and tank	- CC message: none	NAW 1011-11-05-300	Petric	NOW	Petrie
				diagnostic fault code for the sensor is logged on the PT CAN (OBD services message) from the					- If diagnostic fault code "LIN bus communications:					
				TFE1 ECU (ECU for tank's electronic functions).  Potential problem source(s):					signal missing" (Inml. INBusBik; 0x3897) is logged, start by repairing this problem, then clear the ECU fault memory, switch on the ignition, then wait at least 1 minute before checking to determine whether the fault					
				Potentian protein source(s):  - Global LIN bus fault 'LIN bus communications: signal missing' (InntLINBusBik; 0x3897)					minute before checking to determine whether the taut has been logged again - Check pump plug (also for corrosion) - Check power-supply voltage to Terminal 30 / Terminal 31	- ECE emissions warning lamp:				
				- Defective fuse - Defect in the LIN has wire				Global LIN bus fault 'LIN bus communications: signal missine' rinmt. INBusBit: 0x38971		on - ECE electronic engine power reduction: on - CC message: on				
				ground wire or Terminal 30 wire (open wire, short to ground, short to UBatt)  - Corrosion on plug This fault is logged in the ECU				missing' (nmL INBusBik; 0x3897)  - Defective fuse  - Defect in the LIN bus wine, ground wine or Terminal 30 wire (open wire, short to ground, short to UBatt)		- US emissions warning lamp: off - US electronic engine power				
MEVD17.2- BNZ0200 0x191B01 1645313 Tank safety valve shut-off valve, activation: Short The office of the control of the contro	ne diagnosis function monitors electrical activation of the tank cutoff valve. P149C	Evaporative Emission System Shutoff Valve 2 Control Circuit High EVAP System	Shutoff Valve 2	- Electric water pump component fault memory if it remains present for longer than 45 sec.	Terminal 15 Voltage condition: - Onboard el	- None - None	NO none	- Corrosion on plug     - Electric water pump component fault	- Perform tester job, if not successful: Replace EWP electric water pump	reduction: off - CC message: none	none	Possible apparent symptoms: MIL comes on	Breakdown notice: None	None
				The fault is recognized when the diagnostic fault code for the sensor is logged on the PT CAN (CBD services massage) from the TFET ECU (ECU for tank						ECE emissions warning lamp:     on     ECE electronic engine power				
				(OBD services message) from the TFE1 ECU (ECU for tank electronic functions).						reduction: on - CC message: on - US emissions warning lamp: off				
MEVD17.2- BR02020 0x191802 1845314 Tank safety valve shut-off valve, activation: Short The control to careful	te diagnostic function monitors electrical activation of the tank cushf valve. P1498	Evaporative Emission System Shutoff Valve 2 Control Circuit Low EVAP System	Shutoff Valve 2	Potential problem source(s): - Defective wiring harness module's fault memory - Tank outoff valve defective immediately.	Terminal 15 Voltage condition: - Onboard el	None None	NO	- Defective wiring harness N - Tank cutoff valve defective	Check wiring harmess at TFE1 ECU and tank cutoff valve     Replace tank cutoff valve	- US electronic engine power reduction: off  - CC message: none		Possible apparent symptoms: MIL comes on	Breakdown notice:	Mon
				The fault is recognized when the diagnostic fault code for the sensor is logged on the PT CAN						- ECE emissions warning lamp:				
				sensor is logged on the PT CAN (OBD services message) from the TFE1 ECU (ECU for fank						- ECE electronic engine power reduction: on - CC message: on				
				electronic functions).  Potential problem source(s): This fault is logged in the control					- Check wiring harness at TFE1 ECU and tank cutoff	- US emissions warning lamp: off - US electronic engine power				
MEVD17.2- BNZ020 0x191B04 1645316 Tank safety valve shut-off valve, activation: Line The disconnection	ne diagnosis function monitors electrical activation of the tank cutoff valve. P149A	Evaporative Emission System Shutoff Valve 2 Control Circuit EVAP System	Shutoff Valve 2	- Defective wiring harness module's fault memory - Tank cutoff valve defective immediately.	Terminal 15 Voltage condition: - Onboard el	oct - None - None	NO none	- Defective wiring harness N - Tank cutoff valve defective	valve - Replace tank cutoff valve	reduction: off - CC message: none	none	Possible apparent symptoms: MIL comes on	Breakdown notice: None	None
										- ECE emissions warning lamp: on - ECE electronic engine power				
										- ECE electronic engine power reduction: on  - CC message: on  - US emissions warning lamp: off				
MEVD17.2- BN2020 0x191001 1645599 Tank safety valve shut-off valve: jammed open	P140N	Evaporative Emission System Shutoff Valve 2 Stuck Off EVAP System	Shutoff Valve 2	Potential problem source(s): - none If the fault 7, then it is logged.	none Voltage condition: Temperatu		- None	- Mone	- None	LIS electronic annina namer	new for I-10-03-450, diagnosis is currently in preparation.	Possible apparent symptoms: Customer perception in prose at this juncture	Breakdown notice:	
Amount among a fine on a source general digital	1				T wongs was recovery 1 wongsteel and		1			- ECE emissions warning lamp:			W 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
										on - ECE electronic engine power reduction: on - CC message: on				
				The fault is recognized when ?  Potential problem source(s):						- US emissions warning lamp: off - US electronic engine power				
MEVD17.2- BN2020 0x191C02 1645570 Tank safety valve: malfunction	Open P0440	Evaporative Emission System EVAP System	Flow Check	- ? - ? If the fault ?, then it is logged.	none Voltage condition: Temperatu		- None	-? -?	-? -?	reduction: off - CC message: none	new for I-10-03-450, diagnosis is currently in preparation.	Possible apparent symptoms: Customer perception in prose at this juncture	Breakdown notice:	
										- ECE emissions warning lamp: on - ECE electronic engine power				
				The fault is recognized when ?						reduction: on - CC message: on				
MEVD17.2- BNQ020 0x191C03 1645571 Tank safety valve, after run: malfunction	Open	Evaporative Emission System Afternunning Diagnosis EVAP System	Look Police**	Potential problem source(s): -? If the fault 2 then it is incored.	none Molling		Mone	-?	-?	US emissions warning lamp: off     US electronic engine power     reduction: off     CC message: none	new for I-10-03-450, diagnosis is currently in	Possible apparent symptoms:	Broadstown and	
BN20220 0x191C033 1645571 Tank safety valve, after run: mallunction	Copin M435	Evaporative Emission System Afternanring Diagnosis EVAP System	Lauk Dissission	-? If the fault ?, then it is logged.  The fault is recognized when there is no drop in the current consumed by the lockers.	none Voltage condition: Temperatu		- None	i i i i i i i i i i i i i i i i i i i	-7	- CC message: none  - ECE emissions warning lamp:	preparation.	Customer perception in prose at this juncture	Breakdown notice:	
				consumed by the leakage diagnosis pump. Potential problem source(s):						- ECE electronic engine power reduction: on - CC message: on				
				- Tank EVAP evaporative emissions valve sticks in closed position The diagnostic fault code is				- Tank evaporative emissions valve seizes in closed	- Replace EVAP evaporative emissions valve	- US emissions warning lamp: off - US electronic engine power				
MEVD17.2- BN2020 0x191D01 1645825 Tank safety valve: malfunction	te diagnostic function monitors the flow through the fuel tank's EVAP vent line. P0440	Evaporative Enrission System EVAP System	Flow Check	Obstruction in line between logged once the fault appears four times.	none Voltage condition: - Onboard el	ect - Engine warmed to normal tempera - None	START_SYSTEMCHECK_TEV none	position  N - Obstruction in line between tank and intake manifold	- Check flow in line between intake manifold and tank	reduction: off - CC message: none	Data content defined	Possible apparent symptoms: None	Breakdown notice: None	None
				The fault is recognized when the output signal from the tank fuel-						ECE emissions warning lamp:     off     ECE electronic engine power				
				level sensor is below a specified level.						reduction: off - CC message: none				
MEVD17.2- BN0000 0x193002 1650600 Fuel level sensor, left, signal: Short to earth The	The diagnostic function monitors the tank fuel-level more for a valid output signal within specified limits. The fault is first stored in the junction box electronics and then relayed to the DME. P0462	Final Level Season W Clouds Low Final Control	Restrict	Potential problem source(s):  - Defective wiring harmess  - Tank fuel-level service on left logged when the fault remains (logged when the fault remains the fuel of the fuel	Malton condition: Onboard of	None None	Yes + JBBFE raw values for tank funcine	- Defective wiring harness - Tanik fuel-level sensor on left (looking toward front) is	- Read out and work through diagnostic fault codes in	- US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms: Possible problem with fuel gauge display in I-cluster	Breakdown notice:	With the JPE Terminal 15 is adequate to trigger entry of a fault code, with the DME the engine must also be
BN2020 0x triscolor Poin reversarrace, with signal priori to date	and their relayed to the Like. PO462	Fuel Level Sensor 'A' Circuit Low Fuel Level Sensor	Diction	(looking toward front) is defective present for longer than 3 min.  The fault is recognized when the left-side fuel-level sensor	none Voltage condition: - Onboard el	- NOTE	THE TUBBLE IN WINDS OF SHIP IN THE	N defective	instrument cluster and in junction box	- CC message: none  - ECE emissions warning lamp:	none	Positive process was rule gauge display in r-cases	None	nunning.
				transmits correct data, but the processed fuel level is too high to be plausible.						- ECE electronic engine power reduction: off  - CC message: none				
The	ne diagnosis function monitors the message on the			Potential problem source(s): - Problem with CAN communications between instrument cluster, junction box logged when the fault remains						- US emissions warning lamp: off - US electronic engine power			Breakdown notice: Tank may be empty. Please refuel using fuel canister	
MEVD17.2- BNZ020 0x193008 1650696 Fuel level sensor, left, signal: CAN value implausible	CAN bus to assess the plausibility of the fuel level	Fuel Level Signal 1 Fuel Level Sensor	Signal	instrument cluster, junction box logged when the fault remains and DME present for longer than 3 min.	Terminal 15 Voltage condition: - Onboard el	- None - None	NO none	Problem with CAN communications between Y instrument cluster, junction box and DME	Read out and work through diagnostic fault codes in instrument cluster and in junction box	reduction: off - CC message: none	none	Possible apparent symptoms: Possible problem with fuel gauge display in I-cluster	and proceed to nearest service station. Then proceed to BMW Service facility.	None
				The fault is recognized when the output signal from the tank fuel-						ECE emissions warning lamp:     off     ECE electronic engine power				
				level sensor exceeds a specified level.						reduction: off - CC message: none				
MEVD17.2- The	the diagnostic function monitors the tank fuel-level maner for a valid output signal within specified limits. he fault is first stored in the junction box electronics and then relayed to the DME. P2068	Fuel Level Sensor & Circuit High Fuel Level Sensor	Floriting <sup>1</sup>	Potential problem source(s):  - Open electrical circuit to fuel- level sensor on right (looking logged when the fault remains present for longer than 3 min.	none Voltage condition: - Onboard et	sci-None	Yes + JBBFE raw values for tank fu none	Open electrical circuit to fuel-level sensor on right (looking toward front)	Read out and work through diagnostic fault codes in instrument cluster and in junction box	US emissions warning lamp: off     US electronic engine power     reduction: off     CC message: none	none	Possible apparent symptoms: Possible problem with fuel gauge display in I-cluster	Breakdown notice: None	With the JPE Terminal 15 is adequate to trigger entry of a fault code, with the DME the engine must also be running.
Annual An	PAUGO	S. Fan Leves Serrice	Lincolnal	The fault is reconsized when the	value consister: - critical di	- reacht	THE SHAPE AND LOCATED		A SAME WAY OF DESCRIPTIONS	- CC message: none  - ECE emissions warning lamp: off	150.5	The same garage Jospiny in I-cushid	None	running
				The fault is recognized when the output signal from the tank fuel- level sensor is below a specified level.						- ECE electronic engine power reduction: off - CC message: none				
sens	The diagnostic function monitors the tank fuel-level nsor for a valid output signal within specified limits.			Potential problem source(s): - Open electrical circuit to fuel- The diagnostic fault code is						- US emissions warning lamp: off - US electronic engine power reduction: off				With the JPE Terminal 15 is adequate to trigger entry of a fault code, with the DME the engine must also be
MEVD17.2- The BN2020 0x193102 1650946 Fuel level sensor, right, signal: Short to earth	he fault is first stored in the junction box electronics and then relayed to the DME. P2067	Fuel Level Sensor B' Circuit Low Fuel Level Sensor	Bectrical	toward front) present for longer than 3 min.  The fault is recognized when the	none Voltage condition: - Onboard of	- None - None	Yes + JBBFE raw values for tank fu none	Open electrical circuit to fuel-level sensor on right     (looking toward front)	Read out and work through diagnostic fault codes in instrument cluster and in junction box	- CC message: none	none	Possible apparent symptoms: Possible problem with fuel gauge display in I-duster	Breakdown notice: None	of a fault code, with the DME the engine must also be running.
				right-side fuel-level sensor transmits correct data, but the processed fuel level is too high						- ECE emissions warning lamp: off - ECE electronic engine power				
				to be plausible.  Potential problem source(s): - Problem with CAN						reduction: off - CC message: none - US emissions warning lamp: off			Breakdown notice:	
MEVD17.2- CA	ne diagnostic function monitors the message on the CAN but to assess the plassibility of the fuel level indicated by the right side fuel-level sensor. P1408	Fuel Level Signal 2 Fuel Level Sensor	Signal	communications between The diagnostic fault code is instrument cluster, junction box logged when the fault remains present for longer than 3 min.	Terminal 15 Voltage condition: - Onboard el	- None	NO none	Problem with CAN communications between Y instrument duster, junction box and DME	Read out and work through diagnostic fault codes in instrument cluster and in junction box	- US electronic engine power reduction: off  - CC message: none	none	Possible apparent symptoms: Possible problem with fuel gauge display in I-duster	Tank may be empty. Please refuel using fuel canister and proceed to nearest service station. Then proceed to BMW Service facility.	None
				The fault is renomized when the						- ECE emissions warning lamp:				
				output signal from the tank fuel- level sensor exceeds a specified level.						- ECE electronic engine power reduction: off - CC message: none				
The sense MEVD17.2-	The diagnostic function monitors the tank fuel-level insor for a valid output signal within specified limits. he fault is first stored in the junction box electronics			Potential problem source(s): - Defective wiring harness - Tank fuel-level sensor on left fault memory if it remains				- Defective wiring harness  Tanir fuel-level sensor on left timeline treamt front is	- Read out and work through diagnostic fault codes in	- US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	With the JPE Terminal 15 is adequate to trigger entry of a fault code, with the DME the engine must also be
ME-VUTY.2-5 BN2020 0x193111 1650961 Fuel level sensor, left, signal: Short circuit to B+	he last is institutional in the junction box electronics and then relayed to the DME. P0483	Fuel Level Sensor X* Circuit High Fuel Level Sensor	Electrical	(looking toward front) is detective present for longer than 3 sec.  The fault is recognized when the	none Voltage condition: - Onboard el	- None - None	Yes + JBBFE raw values for tank fu none	Tarix truel-level sensor on hert (booking toward front) is     defective	Head out and work through diagnostic fault codes in instrument cluster and in junction box	- CC message: none	none	Possible problem with fuel gauge display in I-cluster	Breakdown notice: None	of a fault code, with the DME the engine must also be running.
				tank content that the DME										
				signal deviates too stankly from the actual gauge reading appearing in the instrument cluster.						- ECE emissions warning lamp:				
				Potential problem source(s): - Fuel level sensor sticking - Fuel level sensor mechanically						off - ECE electronic engine power reduction: off				
	a forecastic fronting providing the data in the Torritor			damaged  -Float on fuel level sensor is camaged logged the first time (sensing - Frequent refueling with FC) and then confirmed the				Fuel level sensor sticking     Fuel level sensor mechanically damaged     Float on fuel level sensor is damaged		- CC message: none - US emissions warning lamp: off		Possible apparent symptoms:  - Fuel gauge fails to read full after refueling.	Breakdown notice: Tank may be empty. Please refuel using fuel canister	
MEVD17.2- Fuel level sensor: Deviation between consumption fue	e diagnosis function monitors the diop in the stank's fusel level and compress it to the quantity of fuel 1 year function the engine during the same period. P144B	Fuel Level / Fuel Consumption Correlation Fuel Level	Correlation	Frequent refueling with FC) and then confirmed the quantities of less than 5 liters (as with rental vehicles)  Second time (confirmed fault code).	none Voltage condition: - Onboard el	- None - None	NO none	Float on fuel level sensor is damaged     Frequent refueling with quantities of less than 5 liters     (as with rental vehicles)	- Read out instrument cluster ECU fault memory and work through logged faults	- US electronic engine power reduction: off - CC message: none	none	Fuel gauge fails to read full after refueling.     Tank is empty although gauge indicates that fuel is still present.	Tank may be empty. Please refuel using fuel canister and proceed to nearest service station. Then proceed to BMW Service facility.	None
										- ECE emissions warning lamp: off				
				The fault is recognized when a short circuit is present between the DME and the electric fan.					- Check wiring harness	- ECE electronic engine power reduction: off - CC message: none				
MEVD17.2- The d	e diagnosis function monitors the wire between the			Potential problem source(s): This fault is logged in the control module's fault memory				- Defect in wiring harness	Check electric fan (specified resistance between PWM pin and Terminal 30 pin with electric fan plug disconnected: greater than 10 ohms)	- US emissions warning lamp: off - US electronic engine power reduction: off An in	operative electric fan can also cause the engine	Possible apparent symptoms:	Breakdown notice: Probably not possible to activate electric fan,	
BN2020 0x1A2001 1712129 Electric fan, activerion: short circuit to positive	electric fan and the DME. P0692	Fan 1 Control Circuit High Cooling System	Fan 1	- Electric fan defective immediately.	none Voltage condition: - Onboard el	- None - None	Yes + STEUERN_E_LUEFTER, ST PWM activation signal 0x4A79	N - Electric fan defective	- Replace electric fan	- ECE emissions warning lamp:	to overheat.	Engine can overheat, breakdown in extreme cases	continued driving at reduced power possible.	none
				The fault is recognized when a						off - ECE electronic engine power reduction: off				
				short circuit is present between the DME and the electric fan.					Check wiring harness     Check electric fan cutoff relay     Check electric fan cutoff relay     Check electric fan (specified resistance between PWM pin and Terminal 30 pin with electric fan plug	- CC message: none - US emissions warning lamp: off				
MEVD17.2- The d	e diagnostic function monitors the wire between the electric fan and the DME. P0891	Fan 1 Control Circuit Low Cooling System	Fan 1	Potential problem source(s): The diagnostic fault code is - Defective wiring harness logged when the fault remains - Electric fan defective present for longer than 1 min.	none Voltage condition: - Onboard et	nct - None - None	Yes + STEUERN_E_LUEFTER, ST PWM activation signal 0x4A79	- Defect in wiring harnessa N - Electric fan defective	PWM pin and Terminal 30 pin with electric fan plug disconnected: greater than 10 ohms) - Replace electric fan	- US electronic engine power	operative electric fan can also cause the engine to overheat.	Possible apparent symptoms: Engine can overheat, breakdown in extreme cases	Breakdown notice: Probably not possible to activate electric fan, continued driving at reduced power possible.	none
BN2020 0x1A2002 1712130 Electric fan, activation: short circuit to ground			and the second s	1 1	1	1	1	1	1	F0F		I .	1	
BN2020 0x1A2022 17/2130 Electric fan, adjvalion: short circuit to ground				The fault is reconsized when the						- ECE emissions warning lamp: off				
BAGGGG 0s 140000 177110. Electric fan activation short drout to ground.				The fault is recognized when the electric fan has no power supply.  Potential problem source(s):					Check wiring harness     Check electric fan cutoff relay	- ECE electronic engine power reduction: off     - CC message: none				
BNG000 0x140000 17/2130 Electric flan, activation, short open to ground				The faul is recognized when the electric fain has no power supply.  Potential problem source(s)					- Check wiring harness - Check electric fan cutoff relay	off - ECE electronic engine power reduction: off				

MEDOT2- The diagnosis function mention appendix of the	The fault is recognized when  until this to reach the specified  relation can be provided by the control  period.  Period period specified  period.  - Period period specified  period.  - Fault before specified specified  - Fault before specified specified  - Calcactor to dis disfinitive  - Topic of the distinitive  - Calcactor to disdictive  - Topic of the distinitive  - Topic of	- Clasconwed plug from fair (to prevent Plug-y hazard), Charles (to prevent Plug-y hazard Plug-y hazard Plug-y hazard (to plug-y hazard), Plug-y hazard, Plug-y	- ECE emissions warming lamp: - ECE electronic engine power - CC manager cone - CC manager cone control lamp of control lamp
MCVIT2- 0x14278 171292 Excite fan, self-diagnosis, stage 1 minor fan faut Manual Manua	Secret Life to second and interesty monotal sold interesty (destinancy (destinancy mendalisty). Terminal 15 Village condition: - Ontored elect - None None Yes, 0-0F6000	A _ stackers e _ loose	Resolution on An experience search for Carl Guide on except as Province applied systems. Exhaultion from:  CCC resultings rook  Verification sample large.  -ECC entisistins sample large.
MSC/017 2. Electric tan, self-diagnosis, stage 2 for fault with The diagnosis function monitors operation of the potential danger to lan potential diagnosis to the diagnosis function monitors appearation of the PH401 Fair 1 Mechanical of Hydratesia Defect Cooling System Fair 1	unt tall its treach the specified socions are selected socion rate within the specified period.  Particular period.  Family shows excellance to treatment fixed with a logged in the control.  Family shows excellance to treatment.  Family shows excellance to treatment.  Family shows excellance to treatment.  Family shows excellance to the control.	- Allow segres to run requiry's minute, until a learned to round improve in a force of the company of the comp	-ECE sections reging power included of control of the control of control of the control of control
	The fault is recognised when the executive fault is fault in recognised when the executive fault is fault. Particular information accordingly	- Countries and early of the countries and coun	-ECE entoscore variety large of
MEXICIT 2.  BIOCOS 0.113-066 1711160 Exactic fax, set diagnosis, raige 3 far fast with section control or granted of the section factor of the section factor facto	-Fin is sead	again present Replaced  - Fan is wilded	-Us destroite degree power whatcher of the control
MSC0112.  BN0000 On1A0098 1710416 Elegetic fine, self-dapprose, stope 4 serious fine fault serious fine data recording the selection componently.  PHO0 Fair 1 Mechanique of Mechanique	stance fam. Prelation principal misconsisty: Discrete fam. excretions standed: Linking section and another Modified and another incomedate and manual models build misconsy models for fam. Temper 15 Village condition; Onlocat data - Name Temper 15 Village condition; Onlocat data - N	O. STEUGRAS E. Lonne N - Margines described and described should be described and desc	-Conseque on  -C
MSV0172 - Face view, electric fan, achielors abort droat to The diagnostic fanction monitors the view between the platform of the positive electric fan positive electric fan positive	The faul is recognized when a stort cloud by positive is present.  Particular particular accuse(s)  - Delical an entropy harmes  - Could make the received faul  - could accuse the received faul  - could receive the received f	- Ches wing harms between URE or defined by confirming	-ECE electronic explore power mandation of -CO missage: rome -Disembles awaring large of -Disembles
MEVOT72 - INSIGNO To 14-MoSQ 1715666 Fast inlay, electic fan ,activation: short ormal to The diagnostic function monitors the wire believeen the election for plants of the control of the	The last is composed when a short of sould be present.  Periodic proteins assumed, by the company and the comp	- Chack widing harmess between CME and electric flor - Chack could flavy jell? Terminal 5 of 0 of will be some connection. 170 at the tone connection - Chack could flavy jell? Terminal 5 of 0 of will be some connection. 170 at the tone connection - Chack in wining harmes - Chack in wining harme	-ECE ensures warring large -ECE electrice agring power -ECE electrica agring power -EC
MEVG17.2- The diagnostic function monitors the write between the	The fault is recognized when the electric facilities no power angle of the electric facilities no power angle of the electric facilities of the electric fac	Check wire pharmass believes OME and electric for could finally check could finally check could finally check could finally check count of the pharmass of the first final fina	-ECE entrainne wanning lamp: -ECE extruction engine power installace of -CC manager, rose -CC manager,
800000 0s10004 171066 Peer rate, destrict fan activision open cross exects fan colaffretily and the CME. PH4C Feet Selley Pilety Cross!	diffective immediately none Vittage condition - Orbitage state - None -	- Trapend and polymorphy of print in electric for - I'll be an user operate CCU bull remove, no	COT message more to continued of bring at reduced power possible, none      CEC entisions examing lamp;      CEC entisions examing lamp;      COT message more
NECTOT 2- BACCOD 0x142664 171x180. Electric fax, operating standment inhald.  The disposite function monitors have expected fair's resoftness for operating.	Priorities proteins source(s) modules four memory - Earner I Service for obtained and memory - Terment 15 Voltage condition: Onload alled - Note: 1 - Note: 2 - Note: 2 - Note: 3 - Note:	Sunder ones 14 - Electric fan defective - Registra electric fan 1	metactics of An incognitive excisc fan can also cause the expire  CCC missages, many the  Southead Expired to extend the square spring from  Southead Expired to extend the square spring from  Southead Expired to extend the square spring from  CCC extinations earning lamp
MEXICIT 2. The diagnosis function moniton the electric ferris (2000). (21) 174438 Gazdic fam, operating quediness and given. The diagnosis function moniton the electric ferris (2000). (21) 174438 Gazdic fam, operating quediness and given.	Polaridi profession score(s)  Except (an objection score(s))  Except (an objection score(s))  To family (a supplementation score)  The fact is successful school.	Jacober nope N - Electric Sen defective - Replaces electric Sen.	-US allocative group over shadour of the control of
MSC/1717.2.  The disposals function repolates the size of the disposal function func	one paraheant wheatqueed is to be paraheant wheatqueed in the control modern but not to be paraheant production countries;  -Vertical product signal and a logged in the control modern but memory and a sequencial to the control modern but memory and a sequencial to the control modern but memory and a sequencial to the control mem	none N - Valnote speed agant implausable - Continue faut diagnoses with DSC	Con resigner rose    Bellemannous warming larger off   - Util extension segret power   - Util section segret power   - Possible apprent symptoms: Breakdown roda;   - CCC entainties searing lamps   - CCC entainties searing lamps   - CCC entainties searing lamps
MSCITIT 2.  BNGCOD in 1994/2T 1772066  Proce road surface delication no wheel-speed signal The diagnostic function monitors exception of the missage. P1517 Rough Road Delaction No Wheel Speed Signal	The fault is recognized when the execution is the first state of the f	none N - Signal error from at least one wheelspeed sensor - Condinue faul diagnosis with OSC	-ECE electronic reginal power value from CP - CP message rate of CP - CP
NEVOT 72 - SNECOD ContSOA4D 1772009 Vehicle speed signal to high separation high separation range. Profits Vehicle Speed Sensor X Intermittent Enrichhigh Vehicle Speed Sensor X December X Intermittent Enrichhigh Vehicle Speed Sensor X December X Intermittent Enrichhigh Vehicle Speed Sensor X December X Dece	None  Filarital problem source(s): This fault is logged in the corrors  -Speed signal to high problem and source among the corrors  -Speed signal to high problem and source among the corrors  -Speed signal to high problem.	NO N - Speed signal too high possible temporarigi - Continue Itself diagnosis with DSC	ECE entaines warming large
MEV017.2.	The fault is recognized data as sometimes and sometimes are sometimes and sometimes and sometimes are sometimes are sometimes and sometimes are sometimes are sometimes and sometimes are sometimes are sometimes and sometimes are sometimes are sometimes are sometimes and sometimes are sometimes ar	out well-backed fault sees hold-black fault sees hold-black fault sees hold-black fault sees hold-black fault	-ECE entous saming lamp -ECE entous regins gover valuations off -CC manager ram  -CCE manager ram  -CC manager ram  -Dissension wamp lamp off -Dissension lamp ramp lamp off -Dissension lamp ramp lamp off -Passing apparer symptoms: -Dissension wamp lamp off -Dissension wamp lamp lamp off -Dissension wamp lamp lamp off -Dissension wamp lamp lamp lamp lamp lamp lamp lamp l
800000 for 1554-50 1777112 Varieties speed, collective error: algorize and plausibility Collective fault Varieties speed  Collective fault Varieties speed  MEVO172 - Varieties speed, plausibility minimum speed under The diagnostic function months the plausibility of Varieties Speed Sensor, Speed Too Low Compresed to	- see bridshaaf fast immediately none Vidtage condition - Orbicard sted - None None None None None None None None	and see Individual facil see Individual facil - see Individual facil - see Individual facil - see Individual facil	- CC Receipt more norm see Provide see Profession Start See Profession Start See Profession See
80C020 On186466 1772128 Ibad not reached the speed liquid. P1SSA Reference under Load Valentia Speed Sensor Plausbobly.	regiseables mendalisty none Protego contion - Oncord state - Engine warmed to normal temport - Inone MO  The fault is recognized when the vertice speed environment or many control or many co	NO N - Vehicle speed signer implantable - Conditions fault diagnosis with DSC	- CET readings on one one one one one one one one one
MEVC172. Vehicle Speed Sensor Speed Too Law Companed to Speed Sensor Speed Sensor Speed Too Law Companed to Speed Sensor S	Prioritier proteins sourcely). This fluid is logged the for control  representation. The fluid is logged the for control  representation of the fluid is logged to the form control  representation. The fluid is recognized when the  vertices proceed deviated from the  vertices procee	NO N - Vehicle speed signal implausible - Continue fault diagnosis with DSC	-US allottonic egiptic power shadoris of Foreible appoint symptoms: Breakfors of Commission and Power Shadoris of None None None None -
MEVICIT 2.  BR20000 for 150-MeV2 1772*130 Valencia speed, plausibility impliancible speed signal. The dispressive function recribes in signals from the left and right wheelspeed densors.  POSET Vehicle Speed Sensor X: RangelPerformance  Valencia Speed Sensor W RangelPerformance  Val	which speed deviates from the calculation which speed.  Prelimitar proteins sources;  Vivillating code signal conductive speed.  This fault is larged in the correct conduct should minimize the correct conduct should minimize the correct conduct should minimize the conduct should minimize the correct conduct should minimize the correct conduct should minimize the correct conduct should minimize the conduct should minimize the correct conduct should be conducted. Engine warmed to normal temperal. Note:  The fault is recognised when the speed of the correct conductive the conductive the conductive the conductive the conductive the correct conductive the correct conductive the	NO N - Vehicle speed signal implassible - Continue fault diagnosis with DSC	mandors ofCO message rone
MEVC172- BNCCCC In 150444 177212 Vericle speed, wheat sersor rearbiff, placefolity The diagnostic function monitors the signals from the wheatspeed sensors for placefolity. P150C Wheat Speed Sensor Rearbiff Range/Putomanca Wheat Speed Sensor Placefolity	signal from one wheelspeed service value for the first of the services during states where the services during states wheels or generalized medium.  Plantial problem sources):  - Verholds speed signal - monodal's but memory monodal's but memory mendality.  - monodal's but memory mendality.  - mone Vistage condition: - Onloand sked None - None NO	NO Y - Vehicle speed signal implausible - Continue Itaal diagnosis with DSC	-EEE describe reginal power reductions of  -Cor messager stree  -Us describes reginal part of  -Us describes reginal part of  -Us describes reginal part of  -Cor messager stree  -Cor messager street  -Cor m
	The fault is recognized when the again from one whenkings of the search under granted characteristic and unique passes whick operating conditions.		-ECE enisone seaming large -ECE electronic engine power -CCE electronic engine power - CC messalge: roose

	The fault is recognized when the signal from one wheelspeed sensors varies too that of the		- ECE emissions warring lamp of - ECE electricitie copies power valuations of	
	other sensors during states vehicle operating conditions.		- CC message: none  - Us emissions warring lamp; crif  - US emissions power  - Us decidencies regimp power	
ME/IO17.2 Unifolds greed, wheel sensor resurings, plausibility. The dispressic function monitors the signals from the wheel speed sensors for plausibility. The dispressic function monitors the signals from the wheel speed sensors for plausibility. P1500 Wheel Speed Sensor Rear Right Range Performances Wheel Speed Sensor Plausibility.	Potential problem source(s): - Vehicle speed signal - vehicle speed spee	None NO NO Y - Vehicle speed signal im	reduction: off Possible apparent symptoms:	d Breakdown notice: None None
	The fault is recognized when the signal from one wheelspeed		- ECE entilations warning lamp:  off - ECE elatoration engine power  - ECE (Commission power)	
	sensor values from that of the other sensor values from the other sensors during stable vehicle operating conditions.		valuations of  -CC message: none -US missions warring large off	
METIOT 2.  SNCI202 for 150-MET 777215  Validate speed, wheat seasor frontlight plausibility. The diagnosis function monitors the signals from the wheatingward seasors for plausibility. P150B  Wheat Speed Seasor Frontlight Range/Performance  Wheat Speed Seasor Frontlight Range/Perfo	Potential problem source(s): This faut is logged in the control  — Vehicle speed signal  — implexible — module's fauth memory  — implexible — immediately — none  — Vottage condition: — Chiboard sleet — None  — None — None  — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — None — N	-None NO NO Y - Vehicle spend signal in	US electronic engine power reduction: of Possible accountry symptoms:	Breakdown nośce: d None None
			- ECE emissions warning large: dt - ECE electroise orgine power	
	The fault is recognized when no start value has been		- ECE Section(s) equipa power reactions of the control of the con	
ME(IV) 7.2 - EVIS self-lamporing protection: no starting value The diagnostic truction distension whether a start SIGNED 0x182002 1777666 programmed value is programmed value in programmed P1467 Programmed P2467	programmed. This fault is logged in the control Potential problem source(s): - No start value programmed : immediately. Terminal 15 Voltage condition: - Onboard elect - None	-None NO roone N -No start value progra	- US electronic engine power DME ECU on the production line, or, when latter is reduction; off source as source and, notice to shimment from the Possible accurate symptoms:	Breakdown nośce: vunits None None
			- ECE entosizone warning lamp: off  - ECE electronic regime power	
	The fault is recognized when the start values of CAS and DME do not agree.		reduction off - CC message: none	
ME/1017 2-	Potential problem source(s): - Detective CAS - Detective CAS - Detective CAS - Indective CAS - Indective CAS - Indective CAS - Detective CAS - Indective CAS	. None NO tone N - Defactive CM.		
			- ECE omissions warning lamp:	
	The fault is registered when a message error is present.		- ECE electronic engine power vendenfor off - CC message: none	
ME(IOT).3. The diagnosis fundion monitors the electronic EVIS (Electronic Inmobilizary) Interfaces to ECM,	Potential problem source(s): - Defective win'ng hamess - Oefective win	- Defective wining in . Defective CA	amess - Check wing hames between CAS and DME - US emissions warning lamp; crif - Possible apparent symptoms: S - Rapitaca CAS - Reduction: criff production criff which case the stater runs but the eng	ine faits to Breakdown notice:
800000 Ont82101 1777021 Interface EVS-QUE: hardware fault immobilizer massages P165A Hardware Erect	- Defective DME immediately, none Voltage condition: - Onloand decl. None	- None NO CAS bus belogram N - Delactive DM	EE - Replace CME - CC message roos - cons - start  - ECC entacion whilip lamp  - ECC entacion your power  - ECC entacion your power	PROSEN
	The fault is registered when a message error is present.		reduction: off - CC message: none	
MENCH 2.5  MENCH 2.5  Mind September 1, 1777/27 Interface State Frame Bulk  The diagnostic function morbitrs the electronic  SERS (Scientific Interestible of Talescent State  The diagnostic function in morbitrs the electronic  SERS (Scientific Interestible of Talescent State  The diagnostic function in morbitrs the electronic  SERS (Scientific Interestible of Talescent State  The diagnostic function in morbitrs the electronic  SERS (Scientific Interestible of Talescent State  The diagnostic function in morbitrs the electronic  SERS (Scientific Interestible of Talescent State  The diagnostic function in morbitrs the electronic  SERS (Scientific Interestible of Talescent State  The diagnostic function in morbitrs the electronic  SERS (Scientific Interestible of Talescent State  The diagnostic function in morbitrs the electronic  SERS (Scientific Interestible of Talescent State  The diagnostic function in morbitrs the electronic  SERS (Scientific Interestible of Talescent State  SERS	Potential problem source(s): The diagnostic fault code is - Defective CAS logged when the fault remains	- Delegion Colo	- US emissions warring lamp; off - Us electronic egine power - Us electronic egine pow	ine fails to Breakdown notice:
8N0000 0rt82102 1777922 Interface EVIS-DUE: frame fault immobiliser messages. P1600 EVIS-(Electronic Immobiliser) Telegram Error	- Defective DME present for longer than 3 min. none Voltage condition: - Onloand decc! - None	- None NO CAS bus bleggam N - Defective DM	- ECE emissions warning lamp: off	Positive Notice
	The fault is registered when a time limit violation is detected.		ECE eluctrosic engine power     wduction: of     C Commangue, roon	
MEVOT 2 B0000 Scrib2194 1777924 Warfung EVIS-CME temonal monitors the electronic immobiliser messages. P1651 Timoud EVIS (Sacronic immobiliser messages)	Potential problem source(s): - Defective Wring harmass - Defective CASS - Defective CASS - Operating CASS - Defective CASS -	- Defective widing in I	armass - Check wiring harmess between CAS and DME - US emissions warning lamp; ctf - Possible apparent symptoms: S - Replace CAS	ine falls to Breakdown notice:
800000 Or182/04 1777004 Interface EVIS-CIVIE: forecut immobiliser messages. P1661 Timoud EVIS (Electrosic Immobiliser)-Telagram	- Defective DME present for longer than 3 min. none Voltage condition: - Onloand dect - None	- None NO CAS bus bringsam N - Defective DM	EE - Replace DME - CC message: none none start  - ECE entosions warming lamps	None None
	The fault is recognized when the		- ECE electronic regime power wastrion: off - CC message: rome - CC m	
MEVIOT7.2- The diagnostic function models the electronic	checksum is fallor.  Peterfail problem source(s): This fault is logged in the control module's fault memory module's fault memory	- Defective CAI	- US emissions warning lamp; off  - Us decironic engine power  - Us decironic engine power  - Replace CAS  - Replace CAS  - In worst case the states farm but the eng	ine falta to Breakdown nośce:
BND0200 for 1821/09 1777/200 Interface ENIS-CASE: receive tauk CAS interface immobiliser messages	Defective DME immediately none Voltage condition - Onboard elect - None	None NO CAS trus telegram N - Defective DM	E -Replace DME -CC message: rone none start  -ECE emissions warning lamp:	None None
	The fault is recognized when re- numcry is available for the TWS electronic removables		eff endervine register power reactions of  CC measures record  CC measure record	
MS/IOT 2. DNF triund fair PNS data on assistia memory. The disconder fundion models the decision.	sketonici immobilize sketonici immobilize sketonici immobilize This šuti is logged in the control Potential problem source(s).		- US emissions warning lamp: off - US electronic entries power	Breakfrown portion
ME/017.5 DME, Friend fast, EVMS date no available memory  The disposals function complete the electronic BMS(0200 for 18220) 1778177  OME, Friend fast, EVMS date no available memory The disposals function complete the electronic Immobilizer messages.  P166C  BWS (Electronic immobilizer) Data, No Available Strange Possibility  P166C	Polatrial problem source(s): module's fault memory  -DME defective immediately. Terminal 15 Voltage condition: -Onboard elect: None	None NO rome N - DMS defective	e - Replace DME - CC messager, none - none - none	Breakdown notice: - notice - notice
	The fault is recognized when		- ECE electronic engine power reauction; off	
	errors are present in the served. EVN electrons embolisher class. Thes fault is logged in the control modulinal southernoony		CC message: rome      US emissions warning large; cdf      US electronic existing coner  - US electronic existing coner  - US electronic existing coner	
ME(1017.2 DME, Internal fault, EVRS date, fault -activation-code Internal fault -activation-	Potential problem source(s): modulés fault memory . DME defective immediately. Terminal 15 Virtuge condition: - Onboard efect - None	- None NO none N - DME defective	e - Heptace DME - CU message: none none - none - none	Breakdown notice: - none - none
	The But is recognized when		- ECE enticions warring lamp; of: - ECE extrohic engine power whatesion of	
	errors are present in the served.  EWS electronic immobilizer  data.  This fault is bogged in the control.		- CC missage: none - US emission warring lamp criff - US determine right power  - US determine right power	
ME/IO/17.2  NOCIOS On 182008 1778194 DME, internal fault, EVIS data checksum fault  The diagnosis function onlyins the electronic immobiliar messages  PASE  EVIS (Sectronic Immobiliary) Data, Checksum Error	Potential problem source(s): module's fault memory inmediately. Turninal 15 Virtige condition: - Cinboard elect - None	- None NO none N - DME deficitive	- Only replace the DME if the fault remains present reduction: of Possible appaient symptoms: e continuously or if the fault frequency is greater than 3 - CC message: none none - Breakdown in extreme cases	Breakdown notice: - none - none
	The fault is recognized when		- E-CE entitions saming lamp of - E-CE electrine engine power wastern of	
	errors are present in the saved EWS electronic immobilizer data.		- CC message: none - US emissions warning terms off	
ME; (017.2) B00300 0x182009 1778116 OAE; internal laut, EHS data, write error, secret key The diagnosis function monothors the electronic monothors are electronic.	Potential problem source(s)  -DME detective Transactive Terminal 15  -DME detective Terminal 15  -Vittage condition: -Ontourid detect None  Terminal 15	None NO rope N -DME defective		Breakdown notice: -none -none
			- ECE enhasions warning lamp; off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic reging a power execution; or off - ECE electronic region a power execution; or off - ECE electronic region a power execution a power e	
The diagnosis fundion monitors communications on	The fault is registered when a message error is present.  Petertral problem source(s):  The diagnostic fault code is		- US missions wering larer, crif  - US electrical reginary power  - US decidence reginary power  - US decidence reginary power	
ME/IO17.2- BNICOD 0x182/022 1778454 Message, EVIS-DME, incorrect fame fault messages.  The degreesic fundamentals communications on the CAN to be assess executions communication on the CAN to be assess executions communication.  The degreesic fundamental control of the degree of the degree of the degree of the control of the degree of t	Peterful problem survei(s): The diagnostic suit code is  - Defective CAS — Obgod when the fast manies  - Defective DME — present for longer than 5 min. — none  - Vottage condition: - Onboard elect - None	- None NO CAN bus belograms N - Defective CM - Defective CM	S -Replace CAS reduction of In worst case the starker turns but the eng  Pepilace DME -CC messager, none none start.	ine fails to Breakdown notice: None None
	The fault is recognized when no missage has been received from the CIS.		- ECE entitions warning lamp of - ECE externite engine power whateline of	
	Potential problem source(s):	- Defective wining h	- Ct: message: none - Check wiring harness on CAS, gateway and at the	
ME/10/17.2- BN0020 0rtR2594 1778496 Message, EMS-DME, incorrect time of messages U0167 Control Message.  The diagnostic incordinate on the CAN but assessed destruction commission on the CAN but assessed destruction commission on the CAN but assessed to the control Message.  U0167 Control Message.  U0167 Control Message.  U0167 Control Message.	- Defective winty harmes  - Gulleary order  - Line of the Control	None NO CM bus sklegams NI - Defective DM - Defective DM	te - Naplace LVMe - CC message: note none start	ine falls to Breakdown notice: None None
	The fault is recognized by the driver circuit diagnostic function.		ECE envisions wanting tump     def     eCE electronic register power     Nobelieur off	
	Potential problem source(s): - Delect in witne harness		- CC massage: on - US amissions warning lamp: off	
ME/10/17 2- Tarminal 15 , & lie from CAS, electrical abort crosult 1 Treminal 15 , & lie from CAS, electrical abort crosult 1 Treminal 15 of the lie from CAS by the Ulber 9 F1550 Terminal 15 device 1 Treminal 15 of the lie from CAS by the Ulber 9 F1550 Terminal 15 device 1 Treminal 15 of the lie from CAS by the Ulber 9 F1550 Terminal 15 device 1 Terminal 15 device	between CAS and DME This but it is logged in the control - Dedicative CAS modular four immodular four immonsy - Defective DME immediately none Voltage condition: - Onboard elect - None	- Defect in wiring hames below: - None NO none N - Defective DA - Defective DA	en CAS and DME - Check wiring harness between CAS and DME - US electronic engine power	Breakdown notice: None None
			MY10 ECE - ECE enissions saming large on on	
			- ECE discharbie angrile power reductions or  - Comessage on Mn*10 US:	
	The Bauf is recognized by the distinct closed disposals function.		- US emissions warning lamp: off	
	Potential problem source(s): - Defect in winte harness		malarities on - Occasiage on MY11ECE - EEC ensoining lamp	
HE/IGT 2. BN0000 0x465102 Terminal 15, 8 feet from CMS, electrical and cricial. The disposals function morking the reducitor. The disposals function morking the reducitor of th	Ontotic in wiring turness between CAS and DIEE     Ontotic SAS and	- Defect in siding harmons abression - Defect in siding harmons abression - Defective CM - None N - Defective CM - None N	en CAS and DME - Check wiring harness between CAS and DME - ECE electronic engine power	Breakdown notice: None None
	The diagnostic fault code is logged when no votings is present at the OME (prut (0.0.37; or 15%1), although the		- ECE emissions warning large: on	
	main relay has closed.  Potential problem source(s):	- Frame deliberation	ECE electronic engine power reduction on     Comessage: on	
MEV017.2. Terminal 199_1, 1 yours expty selected by CAS, were to Terminals 199_1 and CAS? for an open-wine	- Fixe defective - Fixed in which parasis between main rately and DME - Main stay defective - modular South memory	- Defect in wiring harmosis behaves Differ - Main relay defect	en main relay and or Check fuse - Replace main relay and DME	Breakdown notice:
BIQQQO 0x1950QQ   1700466 electrical Short to earth or open circuit or short disable to ground. P1509 Terminal 594, 1187   Prever Supply Circuit Terminal 51.67 Bedrical	. Objection DME remodality. Terrinal 15. Voltage condition. Octoord size. New Terrinal 15. Voltage condition. Octoord size. New Unique condition in Control size.	- None NO none N - Dafestiva DM	E - Replace DME - CC message, on noise Range from induced power to breakdow  - ECC entisectors warning tamp	None None
	main relay has closed.		- ECE entoconic warring turp - ECE electronic engine power - ECE electronic con - CO message on - CO message on	
	Potential problem source(s): - Fune defective	- Fuse defective	- CD message: on	
	Voltage condition: - Onboard elect			

	The diagnostic fault code is lagged with no rotifage is present that The Time Time I. I want to the Time I.			
	(Terminal 87 3 or 5 18, 3) although the min riley has closed.		- ECE enrissions warning lamp:  0 - ECE electronic regime power reduction: on	
	Potential problem source(s):  - Sea deflicible: - Obeliet in enlight bases:	Fuse defective     Defect in wiring harmose between main relay and     Check fuse	Occupancy on	
ME/ICIT2. Terminal 1591, 3 power pupily switched by CAS, select Terminal 1591, 3 power pupily switched by CAS, select Terminal 1591, 3 power pupily switched by CAS, select Terminal 1591, 3 power pupily switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 power pupil switched by CAS, select Terminal 1591, 3 p	between main relay and DME This fault all loggeds in the control  - Main relay districtive modula's fault memory  - Orderford DME memorgladay Terminal 15 Violage condition: - Orboard elect - None NO none	DME - Check wiring humans between main relay and DME - Main relay defective - Replace main relay N - Defective OME - Replace DME	- US electronic engine power reduction: off Possible apparent symptoms:  - CC missage: none none Range from reduced power to breakdown vehicle	Breakdown notice: None None None
	The Built is recognized when the states of the basis signt exhibit.		- ECE emissions warning lamp: off	
	status of the strake (log seatch) does not consepond to that of the brake light not switch.		-ECE electronic engine power read-correct off  -CC message: on	
MEYO17.2- The diagnosis function monitors the plausibility of	Potential problem source(s): - Celebrow winting harmonics - Great layer in section of the control mode of	- Check wiring harmess between DME and brake light - Defective wiring harmess - Brake light ewitch defective - Replace brake light switch	- US emissions warring lamp: off  - US electronic engine power  reduction: off  Possible apparent symptoms:	Breakdown notice:
89(200 for 196008 1794096 Broke-light switch, plausibility signal implausible flore broke light switch POST1 Broke Switch X Circuit Booke Switch Bed Switch Bed Switch Switch Bed Switch Switch Switch Switch Switch Switch	- Defective Life: longer than 2 sec. Iterminal 15 Vottage condition: - Union: elect - None - 2 min, continuous open cross 8 NO - none	N - Defective DME - Replace DME	-CC message: on sone CC message	None None
	The But it recognised when the fine recognised when the fine required for supple cooling is insplaceably after relative to the coolinate fine.			
	Potential problem source(s): - Indowment cluster disconnected		- ECE emissions warning largo:	
	from Terminal 2d during stationary charge) - Collabare (butter charge) - Collabare (butter charge)	- Instrument cluster disconnected from Terminal 30	-ECE electronic engine power reduction: on  - CC message; on	
The diagnoside bandow monitors the engine's Edward Engine OF Timer Engine OF T	a directive digital integrature  - Collateral Ball from income. This fault is boosed in the control	during stationary phase (cellarly change)  - Collater of task reteming from a deletive on one service or cellar cellar cellarly cellar	- US emissions warning lamp: off - US electronic engine power	
MEROTO 2. Engine selds of fine, passability free too door in calculated downtees by comparing a with the engy is 2000 for 180000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 18000000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 18000000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 1800000 18000000 18000000 18000000 18000000 18000000 1800000000	time signal from the instrument module's fact memory control of the control of th	Collateral fault from incorrect time signal from the temperature sensor  Y - Check whether the instrument cluster fire is correct  - Check whether the instrument cluster fire is correct.	reduction: off Possible apparent symptoms:  -CC message: none US cety None	Breakdown notice: None None None
	Non exquired for ongine cooling is inquisately trap quility to the cooling is inquisately trap quility to the cooling in the cooling in the cooling trap of the coolin		- ECE emissions warning large: on	
	Potential problem source(s): - Collustral Sout stamming from		-ECE elucitonic engine power reduction on -CC massinger on -CC massinger on	
The diagnositic function moviless the engina's  MEVIOT-2- Engine switch-off time, plausibility, time too long in calculated downtime by companing it with the dop in  External Engine Off Timer Engine Off Timer Engine Off Timer Too Long	a odeterin engine temperature sensor - Cultarea liber temperature incomer temperature from This issuit is logged in the control monostrol temperature from This issuit is logged in monosy	Collaberal fault stemming from a deflective engine     Watch for diagnostic fault code entries related to the coolant temperature sensor     Collaberal fault demand from incorrect fine sinnal     Temperature sensor is entried to the coolant temperature sensor, replace the coolant temperature sensor is entried to the coolant temperature or entries of the coolant temperature or entries and the coolant temperature or entries the c	- US emissions warning lamp: off - US electronic engine power reduction: off Possible apparent symptoms:	Breakdown notice:
BIGIDIO Ox189088 1807880 correlation to angine-cooling coolinat temperature white the weights is distinstrucy. P15E9 is Correlation to Cooling-Down Of Engine Coolina Engine Coolina Correlation	inconnect time signal from immodal's fact marrory immodal's fact marrory immodal's fact marrory immodal's fact marrory immodally none Visitage condition - Orbital's delice. Engine temperature at engine shell-None NO none	Collateral fault stamming from incornect time signal temperature sensor as indicated from instrument cluster     Collateral fault stamming from instrument cluster     Check whether the instrument cluster fine is cornect.	- CC message: none US only None  MY10 ECE:	None None
	The fault is recognized in response to in response to independent of 22 sec. The comprision states again		MY10 ECE:  - ECE emissions warning lamp:  on  - ECE elabotronic engine power	
	every mode arise the engine is number of the control of the contro		reduction: off - CC massage: on MY10 US:	
The diagnostic function compares the internal times  ME/IO17.2- Engine switch-off time too last during angine of the Mode and the instrument closer while the Endand Engine Off Timer Incrementation Too Fast	Protential problem source(s):  - Collateral but musting from from four memory entries in the Dull's ground earth of but memory to ground earth of the desired from the desired f	Because this is a collateral fault, start by resolving issues related to other fault logged in the DME or Collaboral fault resulting from fault memory entries in instrument cluster, no additional own bit be	- Us electronic engine power - Us electronic engine power - roduction: off - Possible apparent symptoms:	Breakdown notice:
BR0220 for Self-101 1588129 operation engine is conting. P15FA During Engine Running Engine Of Timer, Esternal Incrementation.	and/or instrument cluster present for longer than 3 min. Terminal 15 Voltage condition: - Orbital disch. None NO none  The fault is recognised in	Y the DME and/or instrument cluster needed with these kinds of faults	-CC messige: none US only None  -ECE emissions warning lamp:	None None
	response to a dispatry of 12 sec. The comparison state again every minute while the emptie is		on - ECE electronic engine power reductor: on	
	summing.	- Because this is a collateral fault, start by resolving	- CC missisage: on - US emissions warning large: off	
The diagnosis function compares the internal times  METIOT 2.  Engine sealth-off fine: to allow during origine or the CME and the instrument classer while the evaluation compares the internal classer while the properties of the CME and the instrument classer while the evaluation compares the internal classer while the properties of the CME and the instrument classer while the evaluation compares the internal incrementation.  P15FB Classer Engine Off Timer External Engine Off Timer External Incrementation compares the internal incrementation.	1-Collecting Floater and participation. 1-Collecting Floater float resoluting floater floater scaled ground floater floater scaled ground floater floater scaled ground floater floate	Collateral fault resulting from fault memory entries in instrument cluster, no additional action will be the DME or the DME or the DME and the DME or the DME	-US electronic angine power reductions off Possible appearent symptoms: -CC missible, crose US only None	Breakdown notice: None None
			- ECE emissions warning lamp: on	
	The fault is recognised when no CAN fine size of the CAN fine size of th		-ECE electronic engline power relacion con -CC message: on -CC message: on	
The diagnosist function members transmission of the MEVICT2 2- CAN time signal from the instrument diator. Chapteria	Petertail problem source(s): - Cultains fact resulting from This is last is logged in the control float memory perfect in the DEF Condident State memory.	Because this is a collateral fault, start by resolving issues related to other fault logarity in the DME or Collateral fault resulting from fault memory entries in instrument clauser, no additional action will be	- US emissions warning lamp: off - US electronic engine power reaction off - Possible apparent symptoms:	Breakdown notice:
MCVCV7.2 CVM from signal from the informment classes Cooperais  MCVCVVF from signal from the informment classes Cooperais  BNCVCVVF from signal from the Cooperais  BNCVCVVF from signal from the Cooperais  Brest from the Cooper	But memory entires in the DME mode/six but manney and in the DME mode/six but manney and in instrument cluster immediately. Terminal 15 Vottage condition: - Onboard elect - None	Collater fault resulting from fault marrory entries in instrument cluster, no additional action will be the DME and/or instrument cluster needed with these kinds of faults.	- CC message: none US only No display of time and date	None None
	The fault is encoprised when a second control of the control of th		-ECE entisions warming lump: O -ECE electronic engine power	
The diagnosis function companes the internal times	devision of from the tase; is present to the presen	- Because this is a collateral fault, start by resolving	reduction: on - CC message: on - US emissions warring large; off	
The degreeds underscorrect his feature lines of the degreed of the degreed of the degree his feature lines of the degreed of the degree his feature lines of the degree his feature lines of the degree of the degre	Privated profess source(s): - Collader Sult resulting from Time Sust is logged in the control foult memory version in the DUE module's but it manage - and/or instrument cluster memorishies, Terminal 15 Voltage condition - Orboxel deset. None NO none - No no none - No no none - No no no - No no no - No no no - No no - No no no - No no	- Because this is a collaberal faut by recolving  - Collaberal faut resulting from faut memory entries in the DME or instrument cluster, no additional action will be the DME and/or instrument cluster  Y	- US entition's warning lamp, crif - US electronic repire power reduction: off - Commissioner off - Commissioner off - Commissioner off - None - None	Breakdown notice: - The ECU shutdown phase lasts between 1 min. and None 20 min.
Commission (	The property like	The second secon		AV ===
			- ECE emissions warning lamp:	
	The fault is recognized when a described in the property of the control of the co		on - ECE electronic engine power reductor: on	
The diagnosists function companies the internal forms of the DIAE and	develor of from the Trace is present.  Present growing receiption.  - Collected fact receipting from  - Collected fact receipting fa	Because this is a confidence fount start by recording issues an establish to other facility larged in the CMC or issues an establish to other facility larged in the CMC or issues an establish to extend the confidence of the	o o o o o o o o o o o o o o o o o o o	
The diagnosis function compares the internal times of a QUEE set the institution compares the internal times of a QUEE set the institution compares the internal times of a QUEE set the institution contained in the part of the part of the internal times of the QUEE set the institution contained in the internal times of the QUEE set the institution contained in the internal times of the QUEE set the institution contained in the institution contained	deviation of more than 12 sec. is present.	Collected faul studies from faul memory profes in     Portion within a collected fault studies from fault memory profes in     Portion within the collected of memory profes in     Portion of the Collected fault studies and in which is     Portion to the collected fault studies and in which is     Portion to the collected fault studies and in the collected fault studies are studies to such as the collected fault studies and in the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies and in the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies to such as the collected fault studies are studies are studies to such as the collec	CE electronic registe power  - CC message: on  - US emissions warring lamp; off  - US emissions warring lamp; off  - US emissions are power  - CC message: none  - US edy  - Possible apparent symptoms:  - CC message: none  - US edy	Breakform notice: - The ECU shiptown phase links between 1 nin, and Nope. 20 min.
MEVD17.2- Ignition is switched on again while the control module External Engine Off Timer Incrementation Too Slow	desilation of more than 12 ace. to present according to the according to the control present according to the according to th	issues related to other fault logged in the DME or - Collateral fault resulting from fault memory entries in instrument cluster; no additional action will be	ECE ensange warming lamp  -CC ensange rote  -CC ensanger, some  -CC ensanger, some  -CC ensanger warming lamp  -CC ensanger warmi	
MEVD17.2- ignition is switched on again while the control module External Engine Off Timer Incrementation Too Slow	desilation of more than 12 ace. to present control of the control	issues related to other fault logged in the DME or - Collateral fault resulting from fault memory entries in instrument cluster; no additional action will be	CEC electronic engine general  -CC message on  -CC message one	
MENOTY2.  Decision Section Sec	desilation of more than 12 ace is present.  Predicting proteins account.  Predicting proteins account.  The Search of the Search	Collected fault mouthing from that memory vertice in the second state of their faults beginner for building of the fault for the second state of t	ECE electronic grips gower  -C message on  -C message on  -Us electronic graps gower  -Us electronic graps gower  -Us electronic graps gower  -electronic graps gower  -ECE electronic graps g	htops 25 min.
MSC(CF1.2) gration is such that on again white the control module PHSC) Extends Explose Of Timer Extends To Slow Explose Of Timer Extends To Slow Explose Of Timer Extends Incommendation To Slow Explose Of Timer Extends Incommendation Incommendati	desilion of more than 12 ac. is a proper or an experiment of the company of the c	Colleged that resulting term that memory efficies in  the REAL Endow prohibiner's chalars  Y Execution or the College of South In  The EDE and/or prohibiner's chalars  Y Execution or the College of South In  Y Execution or the College of South In	CEC estimation serving large of control of the cont	Nopa 25 mp.
MEXCOT 2.  BRIGHOUT Control State Control Cont	develor of once the 17 sec. is present and the second of the control of the contr	Collected fault mouthing from that memory vertice in the second state of their faults beginner for building of the fault for the second state of t	CEC entender one proper peace and control of the peace and control of t	hope 25 min. 25 min.
MSCV17.2 To 1900.00 In	desilated of flows the N.Y. Sac. is present.  Privated protein source)  1. Collabor to the resulting from the source)  1. Collabor to the resulting from the source)  1. Collabor to the resulting from the source of the source o	Colleged flast resulting from that memory perforts in the second of the flast language in Paul Gibb or notification for the flast language in Paul Gibb or notification for the flast language in Paul Gibb or notification for notification for notification for notification for notification in Paul Gibb or notification in Paul Gibb or notification for notification	ECE extraction carrier proper passes and control contr	Nora 25 min.  25 min.  Brankdoon refer  Weld Alle N. corecte  Nora
MENOTY2.  Decision Section Sec	develor of more than 12 acc a present control of the control of th	Collected fault mouthing from that memory vertice in the second state of their faults beginner for building of the fault for the second state of t	CEC entender one proper peace and control of the peace and control of t	htops 25 min.
MENOT 2 Decision Statement of the Control of Statement Control Of Statem	desilation of more than 12 ace is present.  Preferridal proteins according:  Challes that in example contains a contained and a larger in the central medical to find monory.  This fact is a supplicated when the desilation in the central medical to find monory.  This fact is a supplicated when the desilation was been the central medical to find monory.  The fact is a supplicated when the desilation was been the central medical to find monory.  The fact is a supplicated when the displacement was supplied to the displacemen	Colleged that resulting term that memory exists in the state of term of the fourth opport in the CRES or the CRES	ECE electron surrige parce   - Corresage on  - Us electron engine power  - Us electron engine power  - Us electron engine power  - Auditor of  - Us electron engine power  - Auditor of  - Us electron engine power  - Auditor of  - Corresage on  - Us electron engine power  - Auditor of  - Corresage on  -	https: 25 min.  Strakforum motios: MSA lish to consiste  Strakforum motios: MSA lish to consiste  Strakforum motios:
MECOT 3 to 1880/20 150868 E-gaps awithin did nagare white the control module process in the Control Co	Consider of more than 12 acc is a company of the control of the co	Colleged that resulting term that memory exists in the state of term of the fourth opport in the CRES or the CRES	ECE estimation warring lamp; off  - Us estimation company power extends on the company of the co	hope 25 min.  25 min.  Braakinne notice MSA lish to corente  Braakinne notice Strakenne notice Strakenne notice
MECOT 3. De 18840 19888 Egge aelin ed fine to elou during ou no. 9 in the insultance pages in the control mobile in the diagnosist function more pages. P15C0 Central Cold Information To Store Control Cold Information Central	desident of flows that I see a separate content of the seed of the	Colleged flast reacting from that memory serious is sessional seasons sealed to other furth logged in Rock Got or the furth logged in Rock Got or the furth logged in Rock Got on the furth lo	ECE extraction surring tamp of   - Us entercoins exprise proper  - Value of  - Us entercoins exprise proper  - Value exprise exprise proper  - Value exprise exprise proper  - Value exprise exprise exprise proper  - Value exprise e	Norma 25 min.  Stratistican refice.  Side this is contribe  None  Breakform refice.  - refie  - refie  - refie  - refie  - refie  - refie
MECOT 3 Distance Contract Section Contra	desident of more than 12 ac. is a compared and a co	Colleged fast reacting from that memory exists in the state of the facility logged in Neufact or the State State of the State	ECE electrice graph power electrice graph po	hope 25 min.  25 min.  Braakinne notice MSA lish to corente  Braakinne notice Strakenne notice Strakenne notice
MEXCIT 2.  In 1992 In	develor of more than 12 acc is a proper or a construction of the c	College of that reacting from that memory exists in the second selected to other fault sogges in Next Coll or the Second selected or Second selected	ECE entrances warring large of  - Corressage not  - Util entrance warring large of  - ECE entrances warring large of  - ECE entrances warring large of  - Util entrance warring large of  - Corressage none  - Util entrance warring large of  - Corressage none  - Util entrance may power  - Corressage none  - Util entrance warring large of  - Corressage none  - Util entrance warring large of  - Corressage none  - Util entrance warring large of  - Corressage none  - Util entrance warring large of  - Corressage none  - Util entrance may power  - Corressage none  - Util entrance warring large of  - Corressage none  - Corressage no	Norse 25 min.  Braukdown notice Minne Moree  Milka Meis operates Moree  Braukdown notice - norse - norse  Streakdown notice - norse  Streakdown notice - norse
MEXCH 2.2	Consider of contract and a longer in the cont	College of that reacting from that memory exists in the second selected to other fault sogges in Next Coll or the Second selected or Second selected	ECE entrances warring large of  - Us entrances warring large of  -	hope 25 min.  Braildown notice More More More More More More More Mor
MECOT 32 De 100000 Engles de l'encretaine de l	Consider of more than 12 acc is a complete of the control and cont	College of that reacting from that memory entries in  The CEME and/or prediment cluster  The CEME and/or prediment cluste	ECE entrances earning lamp of  - Us entrances control garder  - ECE	hope 25 min.  Braildown notice More More More More More More More Mor
MENOT 2.  BRIGOS 0:18500 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 1500000 150000 150000 150000 150000 150000 1500000 1500000 1500000 150000 150000 150000 150000 150000 150000 150000 150000 150000 150	Geselbor of more than 12 acc is a proposed when the control and the larged in the correct models but memory written in the DEA and it is supported when the control and contro	Collected that resuring from that memory serious to the control state logges in the CRES or the CRES of the CRES o	ECE estroice egying power exercity to the control of the control o	Norse 25 min.  Braukdown notice Minne Moree  Milka Meis operates Moree  Braukdown notice - norse - norse  Streakdown notice - norse  Streakdown notice - norse
MENOT 7.2  MENOT 7.3	Consider of more than 12 acc is a complete of more than 12 acc is a complete of more than 12 according to the control modulat from money membranes in the Date of more than 12 according to the control modulat from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money membranes in the Date of more modulate from money modulate from modulate from money mon	Collected that reacting from that memory services in the service of the fault sogges in the CRE of	ECE entraction surring large of contents of the contents of th	Breakdown notice  Breakdown notice  More  Breakdown notice  - none
MENOTT 2.  MENOTT 2.  MENOTT 3.	Geselon of more than 12 ac. is a proposed when the control and the support in the Color and the support of the Color and the Color a	Collected that reacting from that memory services in the service of the fault sogges in the CRE of	ECE entroline surring large of  - Use en	Braskdown rota;  Braskdown rota;
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BECOT 2 010000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 100000 1000000	Geselon of more than 12 ac. is a process of the control of the con	College of the first production of the first pages of the facility or the first pages of the facility of of the fac	ECE entroise surring large of  - Use describes express power  - Use entroise very large over  - Use entroise very large over  - Use entroise very large over  - CC entroise over  - CC ent	Breakdown notice  Mich. May be growth  Breakdown notice  - none  - non
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SCOT2 - CHISCO - CHIS	Collected that is seed place in a control of the co	V College of the string harmonic between oil-pressure sensor  - Oil pressure control valve defective  - Oil pressure control v	ECE entrouse surring lamp of  - Us entrouse surring lamp of  - ECE	Brasidosen notice  Brasidosen notice  Brasidosen notice
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POCI 20 AND STATE OF THE PROPERTY OF THE PROPE	Profession for many figures.  Profes	College of ball services and an example of the college of the col	ECE entrous surring lamp of  - Util entrous surring lamp of  - ECE entrous entrol lamp of  - ECE entrols entrol lamp o	Breakdown notice:  - none  - n
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POCI 20 AND STATE OF THE PROPERTY OF THE PROPE	Provided from minimals of control and the second se	V Colleges and an example grown that immunity express the Notice of the facility logists are Notice of the Notice	ECE entrouse surrolly large of control and control large of control large	Breakdown redice:  Breakdown redice:
POCI 20 AND STATE OF THE PROPERTY OF THE PROPE	Profession for management and an appear of the corresponding of the corr	V Colleges and an example grown that immunity express the Notice of the facility logists are Notice of the Notice	ECE entroise surring lamp of each entroise register come.  - Conseque not	Braskdown rotice  Usek data to grounds  Braskdown rotice  - none  - no

							1		,										
															- ECE emissions warning lamp: off - ECE electronic engine power				
							The fault is recognized when the oil pressure rises beyond a defined level in relation to oil temperature and engine speed.								reduction: off - CC message: none - US emissions warning lamp: off				
MEVD17.2- BN2020 0x1C2001 1843	201 Oil pump, mechanical: oil pressure too high	The diagnostic function monitors the oil pressure.	P15A3	Engine Oil Pressure Too High			Potential problem source(s):  - Mechanical defect in oil pump immediately.	Terminal 15	Voltage condition: - Onboard elec	- Engine warmed to normal tempera - None	yes+ SGBD job name	- None N	- Mechanical defect in oil pump	- Replace oil pump	Us electronic engine power reduction: off     CC message: none	none	Possible apparent symptoms: - none	Breakdown notice: - none	- none
															- ECE emissions warning lamp: off - ECE electronic engine power				
							The fault is recognized when the oil pressure rises beyond a defined level in relation to oil								reduction: off - CC message: on				
MEVD17.2- BN2020 0x1C2002 1843	202 Oil pump, mechanical: oil pressure too low	The diagnostic function monitors the oil pressure.	P0524	Engine Oil Pressure Too Low			temperature and engine speed.  Potential problem source(s): - Machanical defect in oil pump immediately.	Terminal 15	Voltage condition: - Onboard elec	- Engine warmed to normal tempers - None	yes+ SGBD job name	-None N	- Mechanical defect in oil pump	- Replace oil pump	US emissions warning lamp: off     US electronic engine power     reduction: off     - CC message: on	none	Possible apparent symptoms:	Breakdown notice: - Engine damage possible. Switch off engine, continued driving is not possible.	- none
							The fault is recognized when the								- ECE emissions warning lamp:				
							voltage of the engine oil- pressure sensor exceeds 4.9 V.  Potential problem source(s):								- ECE electronic engine power reduction: off  - CC message: none				
MEVD17.2- BN2020 0x1C3001 1847	Engine-oil pressure sensor, electric: short circuit to positive	The diagnostic function monitors the upper voltage limit of the engine oil-pressure sensor.	P0523	Engine Oil Pressure Sensor/Switch 'A' High			Fault in wiring harmess between sensor and DME     Sensor defective     Defective DME     immediately.	Terminal 15	Voltage condition: - Onboard elec	None Mone	NO.	Read test data block; ID 588F N	- Fault in wiring harness between sensor and DME - Sensor defective - Defective DME	Check wiring harness between DME and sensor     Replace sensor     Replace DME	US emissions warning lamp: off     US electronic engine power     reduction: off     CC message: none		Possible apparent symptoms: None	Breakdown notice:	None
							The fault is recognized when the voltage of the engine oil-								- ECE emissions warning lamp:				
							pressure sensor is less than 0.1 V.  Potential problem source(s):  - Fault in wiring harmess batween								off - ECE electronic engine power reduction: off - CC message: none				
							engine oil-pressure sersor and DME  - Engine oil-pressure sersor defective This fault is logged in the control module's fault marrory						- Fault in wiring harness between engine oil-pressure sensor and DME - Engine oil-pressure sensor defective	- Inspect wiring harness between engine oil-pressure sensor and DME	- US emissions warning lamp: off - US electronic engine power reduction: off				
MEVD17.2- BN2020 0x1C3002 1847	298 Engine oil pressure sensor, electrical: Short to earth	The diagnostic function monitors the engine oil- pressure sensor's lower voltage limit.	P0522	Engine Oil Pressure Sensor/Switch 'A' Low			Defective DME immediately.  The fault is recognized when the	Terminal 15	Voltage condition: - Onboard elec	- None - None	NO	Read test data block; ID 586F N	- Engine of-pressure sensor detective - Defective DME	- Replace engine oil-pressure sensor - Replace DME	- ECE emissions warning lamp:	none	Possible apparent symptoms: None	Breakdown notice: None	None
							oil pressure fails to change by more than 12 hPa for longer than 2.5 sec.								- ECE electronic engine power				
							Potential problem source(s):  - Defect in wiring harness between oil-pressure sensor and This fault is logged in the control						- Defect in wiring harness between oil-pressure sensor	- Check wiring harness between oil-pressure sensor and	- CC message: none  - US emissions warning lamp: off - US electronic engine power				
MEVD17.2- BN2020 0x1C3108 1847	560 Engine-oil pressure sensor, plausibility: signal hangs	The diagnostic function monitors the oil pressure.	P0521	Engine Oil Pressure Sensor/Switch 'A' Range/Performance			DME module's fault memory - Defective oil-pressure sensor immediately.	Terminal 15	Voltage condition: - Onboard elec	- None - None	yes+ SGBD job name	-None N	and DME - Defective oil-pressure sensor	DME - Replace oil-pressure sensor	reduction: off - CC message: none	none	Possible apparent symptoms: - none	Breakdown notice: - none	- none
							The fault is recognized when the engine oil levet falls below 5								- ECE emissions warning lamp: off - ECE electronic engine power reduction: off				
							liters.								- CC message: on - US emissions warning lamp: off				
MEVD17.2- BN2020 0x1C4002 1851	394 Engine-oil level: too low	The diagnostic function monitors the engine oil level.	P250F	Engine Oil Level Too Low	Engine Oil Level	Level	Potential problem source(s): The diagnostic fault code is logged when "TRUE is recognized 50 times.	none	Voltage condition: - Onboard elec	- None - None	NO.	none N	- Engine operated with oil level too low	- Top up engine oil - Check oil level	- US electronic engine power reduction: off - CC message: on	none	Possible apparent symptoms: CC message	Breakdown notice: None	None
							The fault is recognized when the oil condition sensor reports a fault over the bus.								- ECE emissions warning lamp: off - ECE electronic engine power reduction: off				
							Potential problem source(s):  - Defect in plugs or wiring harness between oil condition. This fault is logged in the control						Defect in plugs or wiring harness between oil	- Check plugs and wiring harness between oil	- CC message: none  - US emissions warning lamp: off - US electronic engine power				
MEVD17.2- BN2020 0x1C4110 1851	984 Oil-condition sensor, electrical: mailfunction	The diagnostic function monitors the signal from the oil condition sensor for electrical faults.	P252A	Engine Oil Quality Sensor Circuit	Engine Oil Quality Sensor	Bectrical	sensor and DME module's fault memory Oil condition sensor defective immediately.	Terminal 15	Voltage condition: - Onboard elec	- None - None	NO NO	none N	Defect in plugs or wiring harmass between oil condition sensor and DME     Oil condition sensor defective	Check plugs and wiring harness between oil condition sensor and DME     Replace oil condition sensor	- US electronic engine power reduction: off - CC message: none	none A	Possible apparent symptoms: deptation (reduction) of engine oil service interval	Breakdown notice: None	None
							The fault is recognized when the signal remains constant, implausable signal jumps are present, and when the signal's mean value leaves the specified								- ECE emissions warning lamp: off - ECE electronic engine power				
							Potential problem source(s):								- CC message: none				
MEVD17.2- BN0000 0v1C4111 1851	865 Oil-condition sensor, plausibility: level implausible	The diagnostic function monitors the plausibility of the oil level signal.	P1587	Engine Oil Quality Sensor Level Measurement	Engine Oil Quality Sensor	Level	Defect in plugs or wiring harness between oil condition sensor and DME     Oil condition sensor defective immediately.	2000	Voltage condition: - Onboard elec	None None	NO.	orne N	Defect in plugs or wiring harness between oil condition sensor and DME     Oil condition sensor defective	Check plugs and wiring harness between oil condition sensor and DME     Replace oil condition sensor	US emissions warning lamp: off     US electronic engine power     reduction: off     CC message: none		Possible apparent symptoms: daptation (reduction) of engine oil service interval	Breakdown notice:	None
							The fault is recognized when the signal remains constant.								- ECE emissions warning lamp:				
							implausible signal jumps are present, and when the signal's mean value leaves the specified range.								off - ECE electronic engine power reduction: off - CC message: none				
MEVD17.2-	Oil-condition sensor, plausibility: temperature						Potential problem source(s): - Defect in plugs or wiring hamess between oil condition sensor and DME module's fault memory						Defect in plugs or wiring harness between oil condition sensor and DME	Check plugs and wiring harness between oil condition sensor and DME	- US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
BN2020 0x1C4112 1851	566 implausible	The diagnostic function monitors the plausibility of the oil temperature signal.	P1586	Engine Oil Quality Sensor Temperature Measurement	Engine Oil Quality Sensor	Temperature	- Oil condition sensor defective immediately.  The fault is recognized when the signal remains constant,	none	Voltage condition: - Onboard elec	- None - None	NO NO	none N	- Oil condition sensor defective	- Replace oil condition sensor	- CC message: none	none Ac	daptation (reduction) of engine oil service interval	None	None
							imprausitie signal jumps are present, and when the signal's mean value leaves the specified								- ECE emissions warning lamp: off - ECE electronic engine power				
							Potential problem source(s):  - Defect in plags or wiring harmass between oil condition The diagnostic fault code is								reduction: off - CC message: none - US emissions warning lamp: off				
MEVD17.2- BN2020 0x1C4113 1851	867 Oil-condition sensor, plausibility: level implausible	The diagnostic function monitors the plausibility of the oil level signal.	P1587	Engine Oil Quality Sensor Level Measurement	Engine Oil Quality Sensor	Level	harness between oil condition sensor and DME Oil condition sensor defective present for longer than 1 min.	none	Voltage condition: - Onboard elec	- None - None	NO NO	none N	Defect in plugs or wiring harness between oil condition sensor and DME     Oil condition sensor defective	Check plugs and wiring harness between oil condition sensor and DME     Replace oil condition sensor	- US electronic engine power reduction: off - CC message: none	none Ac	Possible apparent symptoms: deptation (reduction) of engine oil service interval	Breakdown notice: None	None
							The fault is recognized when the oil condition sensor reports a								- ECE emissions warning lamp: off - ECE electronic engine power				
							fault.  Potential problem source(s): - Defect in plugs or wiring								reduction: off - CC message: none - US emissions warning lamp: off				
MEVD17.2- BN2020 0x1C4115 1851	Oil-condition sensor, plausibility, temperature implausible	The diagnostic function monitors the oil temperature signal to assess plausibility.	P1586	Engine Oil Quality Sensor Temperature Measurement	Engine Oil Quality Sensor	Temperature	harness between oil condition sensor and DME Oil condition sensor defective present for longer than 1 min.	none	Voltage condition: - Onboard elec	- None - None	NO.	none N	Defect in plugs or wiring harness between oil condition sensor and DME     Oil condition sensor defective	Check plugs and wiring harness between oil condition sensor and DME     Replace oil condition sensor	- US electronic engine power reduction: off - CC message: none	none A	Possible apparent symptoms: daptation (reduction) of engine oil service interval	Breakdown notice: None	None
							The fault is recognized when the oil condition sensor reports a								- ECE emissions warning lamp: off - ECE electronic engine power				
							oil condition sensor reports a fault.  Potential problem source(s): - Defect in plugs or wiring								reduction: off - CC message: none - US emissions warning lamp: off				
MEVD17.2- BN2020 0x1C4116 1851	670 Oli-condition sensor, electrical: level, mailfunction	The diagnostic function monitors the oil condition sensor.	P1587	Engine Oil Quality Sensor Level Measurement	Engine Oil Quality Sensor	Level	harmess between oil condition sensor and DME logged when the fault code is Oll condition sensor defective present for longer than 1 min.	Terminal 15	Voltage condition: - Onboard elec	- None - None	NO	none N	Defect in plugs or wiring harness between oil condition sensor and DME     Oil condition sensor defective	Check plugs and wiring harness between oil condition sensor and DME     Replace oil condition sensor	- US electronic engine power reduction: off  - CC message: none	none Ad	Possible apparent symptoms: daptation (reduction) of engine oil service interval	Breakdown notice: None	None
							The fault is recognized when the oil condition sensor reports a fault over the bus.								- ECE emissions warning lamp: off - ECE electronic engine power				
							Potential problem source(s):								- CC message: none				
MEVD17.2- BN2020 0x1C4117 1851	Oil-condition sensor, electrical: permittivity, 871 mailunction	The diagnostic function detects an electrical fault in the oil quality signal	P1588	Engine Oil Quality Sensor Permeability Measurement	Engine Oil Quality Sensor	Permeability	Water in oil     Defect in plug or wiring harness     at oil condition sensor     Sensor defective immediately.	Terminal 15	Voltage condition: - Onboard elec	- Engine oil temperature greater tha - Longer than	15 min. NO	none N	Water in oil     Defect in plug or wiring harness at oil condition sensor     Sensor defective	Check plug and wiring harness and oil condition sensor     Replace engine oil     Replace oil condition sensor	US emissions warning lamp: off     US electronic engine power     reduction: off     CC message: none	none Ac	Possible apparent symptoms: daptation (reduction) of engine oil service interval	Breakdown notice: None	None
							The fault is recognized when the oil condition sensor reports a fault over the bus.								- ECE emissions warning lamp: off - ECE electronic engine power				
							Potential problem source(s): - Defect in plugs or wiring								reduction: off - CC message: none				
MEVD17.2- BN2020 0x1C4118 1851	Oil-condition sensor, electrical: temperature, maifunction	The diagnostic function monitors the oil temperature signal to detect electrical faults.	P1588	Engine Oil Quality Sensor Temperature Measurement	Engine Oil Quality Sensor	Temperature	harness between oil condition sensor and DME - Water in oil logged when the fault remains - Oil condition sensor defective present for longer than 1 min.	Terminal 15	Voltage condition: - Onboard elec	- Engine oil temperature greater tha - Longer than	15 min. NO	none N	Defect in plugs or wiring harness between oil condition sensor and DME     Water in oil     Oil condition sensor defective	Check plugs and wiring harness between all condition seriors and DME     Replace engine all Replace oil condition sensor	US emissions warning lamp: off     US electronic engine power     reduction: off     CC message: none	none A	Possible apparent symptoms: daptation (reduction) of engine oil service interval	Breakdown notice: None	None
							The fault is recognized when the signal voltage exceeds 3.6 V.								- ECE emissions warning lamp:				
							signal voltage axceeds 3.6 V.  Potential problem scurce(s):  - Dafect in plugs or wiring harness between angine oil								- ECE electronic engine power reduction: off - CC message: none				
MEVD17.2- BN2020 0x1C4119 1851	873 Engine-oil temperature sensor, electrical: melfunction	The diagnostic function monitors the signal from the engine oil temperature sensor for electrical maifunctions.	P0195	Engine Oil Temperature Sensor 'A' Circuit			harness between engine oil temperature sensor and DME - Defective engine oil temperature sensor present for longer than 2 min.	Terminal 15	Voltage condition: - Onboard elec	- None . None	NO	none	Defect in plugs or wiring harness between engine oil temperature sensor and DME     Defective engine oil temperature sensor	Check plugs and wiring harness between engine oil temperature sensor and DME     Replace engine oil temperature sensor	US emissions warning lamp: off     US electronic engine power     reduction: off     CC message: none	none	Possible apparent symptoms: daptation (reduction) of engine oil service interval	Breakdown notice: None	None
200-119 1001	A STATE OF THE STA			A COUR			The fault is recognized when the signal is frozen, implausible signal jumps are present, and		Once Sec	- 144.00				and the same of th	- ECE emissions warning lamp:	1 44	770 030 00		
							when the signars mean value leaves the specified range.  Potential problem source(s):								off - ECE electronic engine power reduction: off - CC message: none				
MEVD17.2-	Engine-oil temperature sensor, plausibility.	The diagnostic function monitors the plausibility of		Engine Oil Temperature Sensor 'A'			Defect in plugs or wing harmess between engine oil temperature sensor and DME     Defective engine oil logged when the fault remains						Defect in plugs or wiring harness between engine oil temperature sensor and DME	Check plugs and wiring harness between engine oil temperature sensor and DME	- US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
MEVUT7.2- BN2020 0x1C4120 1851	Engine-of temperature sensor, plausibility. 880 temperature implausible	The diagnostic function monitors the plausibility of the oil temperature signal.	P0198	Engine Oil Temperature Sersor A' Range/Performance	Engine Oil Temperature Sensor	Plausibility	temperature sensor present for longer than 1 min.	none	Voltage condition: - Onboard elec	- None - None	NO NO	none N	- Defective engine oil temperature sensor	- Replace engine oil temperature sensor	- CC message: none	none A	Possible apparent symptomic: daptation (reduction) of engine oil service interval	None None	None
							BSD telegram from the oil condition sensor (QLT) is received.								off - ECE electronic engine power reduction: off - CC message: none				
MEVD 17.2-		The disposation for the second					Potential problem source(s): - Problem with BSD wire between DME and oil quality						- Problem with BSD wire between DME and oil quality	Check wiring harness between DME and oil quality sensor (OLT),  control of a walkin sensor (OLT).	- US emissions warning lamp; off	it for E8x, as it is only vehicle with a QLT	Doseible a	Bookston or "	
	BSD message from oil-condition sensor: no message	The diagnostic function monitors the BSD message from the oil level sensor (QLT).	P1521	Engine Oil Quality Sensor Communication Error	Engine Oil Quality Sensor	Communication	- Defective DME present for longer than 2 min.  A fault is recognized when the	Terminal 15	Voltage condition: - Onboard elec	- None - None	NO NO	BSD CAN (QLT) Indicate relevant N	sensor (QLT) - Defective DME	- replace oil quality sensor (QLT), - replace DME	- CC message: none equipped	It for EBx, as it is only vehicle with a QLT I-Temperature unit, all other vehicles are with a TOENS thermal oil level sensor!  Ac	Possible apparent symptoms: daptation (reduction) of engine oil service interval	Breakdown notice: None	None
							engine temperature is below 80 "C when the lost is executed. Because the test time is defined by the temperature model, it is size of the comparature model, it is size of the comparature model.								MY10 ECE: - ECE emissions warning lamp:				
							also determined by the model's input variables (air mass, ambient temperature and model temperature).								off - ECE electronic engine power reduction: off - CC message: none				
MEVD17.2-		The diagnostic function monitors the rise in coolant		Coolant Thermostat (Coolant Temperature Below			Potential problem source(s): - Defective wiring hamess - Characteristic map thermostat logged when the fault remains						- Defect in wiring harness	- Check wiring harness	MY10 US: - US emissions warning lamp: on - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	- When the engine is heated from external sources,
BN2020 0x1D2008 1908	744 Map thermostat, mechanical: jammed open	temperature at the engine's discharge connection.	P0128	Thermostat Regulating Temperature)	Thermostat	Functional Check	defective present for longer than 1 min.	none	Voltage condition: - Onboard elec	- Coolant temperature lower than 41 - None	- No	none Y	Characteristic map thermostat defective	- Replace map-controlled thermostat	- CC message: on - ECE emissions warning lamp:	MIL ON in US versions only	The output of the interior heater may be reduced.	None None	such as an auditary heater, diagnosis errors can result
							The fault is recognized by the driver circuit's diagnostic function.								off - ECE electronic engine power reduction: on - CC message: none				
			l						1		STEUERN_KFT, STEUE	IN_ENDE							

										- ECE emissions warning lamp: off - ECE electronic engine power			
			The fault is recog driver circuit's function	s diagnostic						- ECE electronic engine power reduction: on - CC message: none			
MEVD17.2- The diagnostic	nosiic function monitors activation of the		Potential proble - Dafact in wire between DME and	ring harness This fault is logged in the control				- Defect in wiring harness between DME and program	Check wiring harness between DME and map- controlled thermostat     Replace map-controlled thermostat	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms:	Breakdown notice:	
BN2020 0x102402 1900762 Map thermostat, activations short circuit to ground p	gragram map thermostat. P0598	Thermostat Heater Control Circuit Low Thermostat	Electrical thermo		none Voltage condition: - Onbos	and elect - None - None	STEUERN_KFT, STEUERN_ENDE PWM activation signal, 0x4a74 N	map thermostat	- Replace DME	- CC message: none  - ECE emissions warning lamp:	none US: MIL on, customer proceeds to service facility.	None	None
			The fault is recog driver circuit's	grized by the s diagnostic						off off - ECE electronic engine power reduction: on - CC message: none			
			function  Potential problem  - Defect in wide	om source(s):					Check wiring harness between DME and map- controlled thermostat	- US emissions warning lamp: off - US electronic engine power			
MEVD17_2- BN2020 0x102404 1909764 Map thermostat, activation: open circuit The diagnostic	nosic function monitors activation of the program map thermostat. P0597	Thermostat Heater Control Circuit/Open Thermostat	- Defect in wife between DME and Electrical thermo	ostat mmedately.	none Voltage condition: - Onboa	ard elect - None - None	STEUERN_KFT, STEUERN_ENDE PWM activation signal, 0x4a74 N	- Defect in wiring harness between DME and program map thermostat	- Replace map-controlled thermostat - Replace DME	reduction: off - CC message: none	Possible apparent symptoms: none US: MIL on, customer proceeds to service facility.	Breakdown notice: None	None
			Regarding AEP vehicle's operating conducive to a battery charge										
			automatic transin points are revised hinter averane er	mission's shift discourse at a profine sneed									
			Regarding atternat objective is to enh (system in back	oxup mode).									
			Regarding IHKA: 1 is to achieve the cooling is	ne requested						- ECE emissions warming lamp: off  - ECE electronic engine power reduction: off			
			Potential proble: - Vehicle's operatir to provide optin	ing profile fails						- CC message: none - US emissions warning lamp: off			
MEVD17.2- is requested by t	side function monitors whether a downshift d by the IHKA automatic climate control or DNIE (AEP) or GEN).		charging, for instar short-distance tri electrical access	ance: Frequent This fault is logged in the control rips, too many module's fault memory	none Voltage condition: - Onbos	and elect - None - None	None none N	<ul> <li>- Vehicle's operating profile fails to provide optimal battery charging, for instance: Frequent short-distance trips, too many electrical accessories in use</li> </ul>	No actual vehicle defect is present. The customer should occasionally drive a longer distance.	- US electronic engine power reduction: off - CC message: none	Possible apparent symptoms: The automatic transmission unexpectedly downshifts one gear.	Breakdown notice: No actual vehicle defect is present.	No actual vehicle defect is present.
										- ECE emissions warning lamp: off			
			The fault is recogni message is in undervoltage has b	nized when the invalid and heen detector!						- ECE electronic engine power reduction: off - CC message: none			
MEVD17.2- Electronic transmission control (EGS), signal			Potential probler - Fault with transm	em source(s): This fault is logged in the control						US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms:	Breakdown notice:	
BN2020 0x10301 1915137 evaluation flurtine speed): Invalid signal content. The diagnost	gnostic function monitors the message.		modu	tule immediately.	Terminal 15 Voltage condition: - Onboa	and elect - None - None	NO CAN signal N	- Fault with transmitting control module	- Carry out system analysis.	- CC message: none  - ECE emissions warning lamp:	none None	None	None
										off - ECE electronic engine power reduction: off			
			The fault is recogni message is  Potential proble:	s invalid.						- CC message: none - US emissions warning lamp: off - US electronic engine power			
MEVD17.2- BN2020 0x1D3A01 1915393 Electronic transmission control (EGS), signal evaluation (output speed): invalid signal content The diagnost	gnostic function monitors the message.		- Fault with transm	am source(s): This fault is logged in the control module's fault memory use immediately.	Terminal 15 Voltage condition: - Onboa	and elect - None - None	NO CAN signal N	- Fault with transmitting control module	- Carry out system analysis.	- US electronic engine power reduction: off  - CC message: none	Possible apparent symptoms: none None	Breakdown notice: None	None
										- ECE emissions warning lamp: off - ECE electronic engine power			
			The fault is recogni message is	nized when the sinvalid.						reduction: off - CC message: none - US emissions warning lamp: off			
MEVD17.2- BNQQQQ 0x1D3B01 1915640 evaluation (gear information); invalid signal content. The diagnost	gnostic function monitors the message.		Potential probler - Fault with transm modul	em source(s): This fault is logged in the control module's fault memory	Terminal 15 Voltage condition: - Onboa	and elect - None - None	NO CAN signal N	- Fault with transmitting control module	- Carry out system analysis.	US emissions warning lamp: off     US electronic engine power     reduction: off     - CC message: none	Possible apparent symptoms:	Breakdown notice: None	None
The Mary and the Control of the Cont			riskou.		y was			Tananana and Tanana and		- ECE emissions warning lamp: off			
			The fault is recogni	nized when the						- ECE electronic engine power reduction: off  - CC message: none			
MEVD17-2- Electronic transmission control (EGS), signal			message is  Potential problem  - Fault with transm	s invalid.  em source(s): This fault is logged in the control						- US emissions warning lamp: off - US electronic engine power reduction: off	Possible apparent symptoms:	Breakdown notice:	
ME-VUTY-2- BN2020 0x1D3C01 1915905 evaluation (status, gear shift): Invalid signal content The diagnost	gnostic function monitors the message.		modu	ule immediately.	Terminal 15 Voltage condition: - Onboa	and elect - None None	NO CAN signal N	- Fault with transmitting control module	- Carry out system analysis.	- CC message: none - ECE emissions warning lamp:	none None	None None	None
			The fault is recogni actual file speed specified idle spe than 100							on - ECE electronic engine power reduction: on			
			Potential proble: - Collateral fault in throttle v	from defective valve					- If faults related to the throttle valve have been	- CC message: on - US emissions warning lamp: off			
MEVD17.2- BND020 0x1E0001 1969081 Idie-speed control: speed too high	stic function monitors the idle speed when ngline is warmed to normal operating temperature. P0507	Idle Control System RPM Higher Than Expected Idle Speed Control	- Leak in air-ind between throttle RPM engin	le valve and module's fault memory ine immediately.	none Voltage condition: - Onbos	and elect - Engine warmed to normal tempers - 3 sec. after engine on	none none N	Collateral fault from defective throttle valve     Leak in air-induction tract between throttle valve and     engine	logged, repair these first - Check for leaks in air-induction tract between throttle valve and engine	- US electronic engine power reduction: off - CC message: none	Possible apparent symptoms: US only I die speed too high	Breakdown notice: None	None
			The fault is recogni actual idle speed for specified idle spe than 100	seed by more						- ECE emissions warning lamp: on - ECE electronic engine power			
			Potential problem	em source(s):						reduction: on - CC message: on			
	stic function monitors the idle speed when ngine is warmed to normal operating temperature. P0508	Idle Control System RPM Lower Than Expected Idle Speed Control	throttle v - Leak in air-ind between throttle	valve duction tract This fault is logged in the control le valve and module's fault memory line in module's fault memory	Malton conflict. Onto	and alone. Engine warmed to account homeour. 3 and other accoing on		Collateral fault from defective throttle valve     Leak in air-induction tract between throttle valve and     continue.	If faults related to the throttle valve have been logged, repair these first     Check for leaks in air-induction tract between throttle	- US emissions warning lamp: off - US electronic engine power reduction: off	Possible apparent symptoms:	Breakdown notice:	Noon
BN00200 0x1E00002 19980982 Idle-speed control: speed too low	temperature. P0506	Idie Control System RPM Lover Than Expected Idie Speed Control	RPM engin The fault is recogni actual idea speed specifies idea spe than 500	ine immediately.  nized when the discounts the	none Voltage condition: - Onbos	ard elect - Engine warmed to normal tempers - 3 sec. after engine on	NOTE NOTE N	engine	valve and engine	- CC message: none - ECE emissions warning lamp:	US only - In extreme cases the engine may stall.	None	NON
			specinios atio spe than 300 Potential proble:							on - ECE electronic engine power reduction: on - CC massage: on			
			Collaberal fault fin throttle v     Leak in air-ind	valve duction tract This fault is logged in the control				- Collateral fault from defective throttle valve	If faults related to the throttle valve have been logged, repair these first	- US emissions warning lamp: off - US electronic engine power			
MEVD17.2- BN2020 0x1E0101 1998337 Idde-speed control, cold start: engine speed too high during the ca	Control of the Control of	Ad Start Idle Air Control System RPAI Higher Than Expected (Bank 1) Idle Speed Control	Cold Start RPM between throttle engin The fault is recogni	ine immediately.	none Voltage condition: - Onboa	ard elect - None - None	none none N	Leak in air-induction tract between throttle valve and engine	Check for leaks in air-induction tract between throttle valve and engine	reduction: off - CC message: none	Possible apparent symptoms: US only - Idle speed too high	Breakdown notice: None	None
			The fault is recogni actual date speed if specified idle spe then 300	urpm.						- ECE emissions warning lamp: on - ECE electronic engine power			
			Potential probler - Collateral fault fri	from defective					- If faults related to the throttle valve have been	reduction: on - CC message: on - US emissions warning lamp: off			
MEVD17.2- BN2020 0x1E0102 1986338 Ide-speed centrol, cold start: engine speed too low during the cs	gnostic function monitors the idle speed the catalytic converter's warmup phase. P1561	old Start Idle Air Control System RPM Lower Than Expected (Bank 1) Idle Speed Control	- Leak in air-ind between throttle Cold Start RPM engin	le valve and module's fault memory	none Voltage condition: - Onbos	and elect - None - None	none none N	Collateral fault from defective throttle valve     Leak in air-induction tract between throttle valve and     engine	logged, repair these first - Check for leaks in air-induction tract between throttle valve and engine	- US electronic engine power reduction: off - CC message: none	Possible apparent symptoms: US only - In extreme cases the engine may stall.	Breakdown notice: None	None
										- ECE emissions warning lamp: off			
			The fault is recogn engine speed of exceeded for more white the vehicle	nzas when an 1 2000 rpm is e than 6.5 sec.						- ECE electronic engine power reduction: off		1	
MEVD17.2- Engine-speed limitation with vehicle stationary; idle The diagnost	grostic function monitors the engine for		more and Venice	27. 1	1		i I			- CC message: on			
BN2020 0x1E5201 1987073 speed too high for too long overheatin MEVD17.2.				vs engine while module's fault memory					- Clear ECU fault memory. No further measures	- CC message: on - US emissions warning lamp: on - US electronic engine power reduction: on	Possible apparent symptoms: When accolerator peaks is depressed at left the engine peaks ill inition choose the incidental time	Breakdown nośce:	
BN2020 0x1E5301 1987329	eating while the vehicle is stationary.		- Abuse (driver rev.	em source(s): This fault is logged in the control module's fault memory immediately.	Terminal 15 Voltage condition: - Onboa	ard elect - None 384 sec.	NO none y	- Abuse (driver revis engine while vehicle is stationary)	- Clear ECU fault memory. No further measures necessary.	- CC message: on - US emissions warning lamp: on - US electronic engine power	Pasable apparet symptoms: When accelerate peaks is depressed at tills the William accelerate peaks is depressed at tills the William accelerate peaks is depressed at tills the peaks opening peaks of accelerate from peaks opening peaks of accelerate peaks of accelerate from	Breakdown notes: - none	None
B9/2000 0x1E3301 1987320	auding while the vehicle is stationary.		- Abuse (driver rev.	vs engine while module's fault memory	Terminal 15 (Voltage condition: - Onboa	and sleet - None . 384 sec.	NO none Y	- Allopes (Other ross angites white wehicle is stationary)	- Clear ECU fault memory. No further measures necessary.	- CC message: on - US emissions warning lamp: on - US describes (egging power - US describes (egging power - CC message; on - CC message; on - ECE emissions warning lamp:	engine speed is limited once the indicated time	Breakfown notice:	None
B00000 0-15501 195720	adding addit the wellnish is stationary.		Abuse (diver row within it is a form).  The fault is second.	vs engine while module's fault memory information in module's fault memory information in modulately.	Terminal 15 Votilage condition: - Onbor	and decid - Name 384 Sec.	NO none V	-Alpose (other rans angles white vehicle is stallarum)	- Clear ECU fault memory. No further measures increasing.	-CO message: on -US electronic plants on -US electronic erginal plants on -CO message: on -CO message: on -CC message: on	engine speed is limited once the indicated time	- rone	More
MEVOT2 - Montaining engine braque limitation: maininum The diagnostic	gyeerlis function motators the maximum		About Ether for the second of the secon	va engine white modular's fault mismory administration in mismory administration in mismory administration in mismory and mismory and in mism			NO lone V		necessary.  - Reprogram DME	-CO message on -US electronic engine proUS electronic engine proUS electronic engine power -COC message on -COC electronic propriet -COC electronic propriet -COC message con	ergina speed is limited on this indicated from profit of sections and sections are sections are sections and sections are sections and sections are sections and sections are sections and sections are sections are sections and sections are sections as sections are sections ar	** enote  ** It is possible to sention monitor:  ** It is possible to sention monitor:  ** It is possible to sention monitor that which but passing manuscript and only to sention monitor that the senting the varieties but passing manuscript and ord not be destrupted owing to	More
MEVOT2 - Montaining engine braque limitation: maininum The diagnostic			- About pillore for the second of the second	models foul memory sections in the section of the s	Terminal 15 Notings condition - Ontoine  Notings condition - Ontoine  Notings condition - Ontoine		NO none Y	Allocide (other rows, ancipto unities ventricle is assistances)     ONE deductive	nicossary.	-Co message on -US describes registrating into the -US describes registrating into the -US describes registrating into the -CC message, on -ECC sensors earning lamp -ECC sensors earning lamp -CC sensors earning lamp -CC sensors earning lamp one -ECC sensors earning lamp of -US message registration -CC message registration -CC message registration	cons septe speed is limbel cross the included time parties disease.  Possible accessed sensors	- none  Breakdown redica:  - It is possible to continue driving the vehicle, but	More More
MEVOT2 - Mentioning engine corque innitation: mainrium The disposition	gyeerlis function motators the maximum		- About fellow re- of the second seco	roughed with model to furnish the function of			NO note V		necessary.  - Reprogram DME	-Co message on -US describes serving large on -US describes regret power -US describes regret power -CO message, on -ECC sensors earning large -ECC sensors earning large -CC describes earning large -CC message not -CC mes	ergina speed is limited on this indicated from profit of sections and sections are sections are sections and sections are sections and sections are sections and sections are sections and sections are sections are sections and sections are sections as sections are sections ar	** enote  ** It is possible to sention monitor:  ** It is possible to sention monitor:  ** It is possible to sention monitor that which but passing manuscript and only to sention monitor that the senting the varieties but passing manuscript and ord not be destrupted owing to	Monte Monte
MEVOTI 2- Tree Company and the Company of the Compa	greatic lunction monitors the maximum supremed quantifact torque.		- About pillmen or on which is not opposed to the control of the c	models's bull manacy mendelsity m			NO note Y	- CME delective	. Reprogram CME . Reprogram CME . Reprogram CME . Reprogram CME	- Comesage on - Use decision require price on - Use decision require poses - reaction on - Comesage	ergina speed is limited on this indicated from profit of sections and sections are sections are sections and sections are sections and sections are sections and sections are sections and sections are sections are sections and sections are sections as sections are sections ar	** enote  ** It is possible to sention monitor:  ** It is possible to sention monitor:  ** It is possible to sention monitor that which but passing manuscript and only to sention monitor that the senting the varieties but passing manuscript and ord not be destrupted owing to	Monte  Monte
MEVOTI 2- Tree Company and the Company of the Compa	gyeerlis function motators the maximum	WT-Relay Supply Voltage Circuit Lier Velechonic (VVT)	- About filter for the selection is all a recognition to the selection is all a recognition in the selection is all a recognition and the selection and the	concept when the concept that the formatting that the concept that the con		and discol. Nation Nations	NG nere y		necessary.  - Reprogram DME	-Co message on -US electronic expres gover -US electronic expres gover -US electronic expres gover -CO message, on -CO message, on -CO message, on -CO message, on -CO message, mon -CO message,	ergina speed is limited on this indicated from profit of sections and sections are sections are sections and sections are sections and sections are sections and sections are sections and sections are sections are sections and sections are sections as sections are sections ar	** enote  ** It is possible to sention monitor:  ** It is possible to sention monitor:  ** It is possible to sention monitor that which but passing manuscript and only to sention monitor that the senting the varieties but passing manuscript and ord not be destrupted owing to	Mont Mont Mont
MENOTI2.  Monitoring engine largue includor: maximum promissions seriore tropia is constantly exceeded  The diagnostic serior tropia is constantly exceeded  The diagnostic serior tropia is constantly exceeded  The diagnostic serior tropia is constantly exceeded.	groate function monitors the maximum approved specified traval.   Joseph St.	WT-Relaty Buggly Voltage Circuit Low Volkebrois (WT)	- About follows or Abou	concept with an interest that could be a concept to the country of	none Yollage condition - Ontool	and discol. Nation Nations	NG	- CME delective  - Called an wiring transact belower Valvetrions relay - Called an wiring transact belower Valvetrions relay - Valvet College	- Pearsy on CME - Replace CME	- Comesage on  - Comesage on  - Use decisions engine power  - Comesage on  - Come	ergine speed is limited on the included from principle desiration in the princip	Breakdown notice:  - 8 is possible to continue divining the whicks, but passing manarouse and fact the disreption develop to the second country to the sec	Mone  Mone  Mone
MENOTI2.  Monitoring engine largue includor: maximum permissible serport tropus is constantly exceeded  The diagnostic serport tropus is constantly exceeded  The diagnostic serport tropus is constantly exceeded.	groate function monitors the maximum approved specified traval.   Joseph St.	WT Relay Bugsty Voltage Circuit Core Volkeatonic (WT)	- About filter recovery splitted in six splitted strops i about filter six splitted in six splitted strops i about filter splitted six splitted si	model's Bull manor)  model's Bull manory  model's B	none Yollage condition - Ontool	and discol. Nation Nations	NG 10000 V	- DARE and excluse  - Carlind in wiring homes a between Varientions relay and DARE  - Varienting Carlind Carlindon C	- Reprogram CME - Reprogram CME - Reprise CME - Reprise CME - Check wirely harmess before an Valuationic relay and CME (IL VYTR) - The CME CME CME CME - Reprise CME	- Comesage on  - Comesage on  - Use decisions engine power  - sealcrise on  - Comesage on  - Com	ergine speed is limited on the included from principle desiration in the princip	Breakdown notice:  - 8 is possible to continue divining the whicks, but passing manarouse and fact the disreption develop to the second country to the sec	Mone Mone Mone
MEVCT7 3- 0-11E5430 1987132 Monitoring engine-largue invators: maximum The disprost BR00020 0-11E5430 1987132 paramatable selport forque is consistently accesseded as all MEVCT2 0-11E5430 0-11E5430 November of the self-self-self-self-self-self-self-self-	groatic function monitors the malamum approved quarters trape.  Journal of the second	VVT fielding Bugging Vintage Circuit Low Vintertonic (VVT)	- About filter or to the second of the secon	concept when the concept content and among a second and a concept concept content and a concept content concept content and a concept content concept content and a content and	none Yollage condition - Ontool	and discol. Nation Nations	NO 10000 V	Dated in wiring harmons believes Valvetinose relay     Valvetinose relay defective     Dated in Wiring harmons believes Valvetinose relay     Valvetinose Date     Dated in Dated Dated     Valvetinose Date defective	- Reprogram CME - Reprogram CME - Reprise CME - Reprise CME - Obes wirely harmest before Yal-withoric retay and OME CU_YYTTO - Reprise CME - Inspect CME - CMEAN WINNERS REPROSE THE CMEAN - CMEAN WINNERS REPROSE THE CMEAN - CMEAN WINNERS REPROSE THE CMEAN - CMEAN WINNERS REPROSE - CMEAN WINNERS REPROSE - CMEAN WINNERS REPROSE - CMEAN WINNERS REPROSE - CMEAN WINNERS - CMEAN W	-Comeauge on -Comeauge on -Usi decision service gener -Usi decision experis gener -Comeauge on	ergine speed is limble on the included from product strains and the included from product strains and included in the included from product strains and included in the included i	-repose  Stretcheners and/or  - It is possible to continue deling the vehicle, but passing resources should not be alteringed owing to the reduction in angles output.  Breakdown indicate:  Name  Stretcheners  Stretcheners	None None
MEVOTI 2- 0x1E5A30 1991152 Monitoring engine largue invalation: meanman permissable seleport torque in conductify exceeded.  MEVOTI 2- 0x1E5A30 200396 Valvetonic relay, expoly unlarge. Bond to each Valvetonic relay expoly unlarge. Bond to each The disproach REVOTI 2- 0x1E5A30 200396 Valvetonic relay, expoly unlarge. Bond to each The disproach REVOTI 2- 0x1E5A30 200396 Valvetonic relay.	grounds function montains the maximum approved specified torque.  Specified for the specified torque is specified for the specified for th	VVT-Risky Supply Voltage Circuit Low Valvatorics (VVT)  VVT-Risky Supply Voltage Circuit Com  VVT-Risky Supply Circuit Com  VVT-Risky Supply Circuit Com  VVT-Risky Supply Circuit Com  VVT-Risky Supply Circuit Com  VVT-Risk	- About fallower or well-only in the fault is recognited to the second of the second o	models four manay mendelsky mendelsk	none Yollage condition - Ontool	and direct. Nation	NG note V  NG note N	DME defective  - Dated in wiring humans balancean Valvetrionic raley  - Valvetrionic raley defective  - Dated in DME  - Valvetrionic Rale  - Valvetrionic Rale defective  - Valvetrionic Rale defective	- Reprogram CASE - Reprise CASE - Reprise CASE - Reprise CASE - Oteck wiring harman hadrone Visionhoric etalsy and CASE - CHeck wiring harman hadrone Visionhoric etalsy and CASE - Reprise CASE - Repri	-CO message on  -CO message on	ergine speed is limited on the included from principle desiration in the princip	Breakdown notice:  - 8 is possible to continue divining the whicks, but passing manarouse and fact the disreption develop to the second country to the sec	None None
MEVOTI 2- 0x1E5A30 1991152 Monitoring engine largue invalation: meanman permissable seleport torque in conductify exceeded.  MEVOTI 2- 0x1E5A30 200396 Valvetonic relay, expoly unlarge. Bond to each Valvetonic relay expoly unlarge. Bond to each The disproach REVOTI 2- 0x1E5A30 200396 Valvetonic relay, expoly unlarge. Bond to each The disproach REVOTI 2- 0x1E5A30 200396 Valvetonic relay.	grounds function montains the maximum approved specified torque.		- About filter for the second of the second	models four manay mendelsky mendelsk	none Village condition - Onbod  Terminal 15 Village condition - Onbod	and direct. Nation	MO 10010 V  MO 10010 V  MO 10010 N  MO 10010 N  MO 10010 N	- DME defective  - Defect in wiring harmonic balancean Variotetricine relay  - Varient control productive  - Defective DME  - Varient DME  -	- Reprogram CME - Reprogram CME - Reprise CME - CME - CME CME -	-CO message on  -CO message on	ergine speed is limbled on the included from particle desirates  Procedor appeared symptoms  - Radictions recipies grows (tipe-forme mode)  - Radictions recipies grows (tipe-forme mode)  - Engine grain frombeton  - Procedor appeared symptoms  - Comessage, continuer seeks  - Procedor appeared symptoms  - Comessage, continuer seeks  - Procedor appeared symptoms  - Comessage, continuer seeks	Breakdown notice:  - It is possible to continue driving the vehicle, but passing in such continue driving the vehicle, but passing in such continue driving the vehicle, but passing in such continue driving the such continue driving the such continue driving the such continues to the su	Money  Money  Money  Money
MEVOTI 2- 0x1E5A0 199115 Monitoring engine largue invalation: meanman permissable seleport torque in conductify exceeded  MEVOTI 2- 0x1E5A0 200096 Valvetonic relay, expoly unlarge. Bond to each  The diagnostic field and production of the diagnostic fie	grounds function montains the maximum approved specified torque.		- About filter to a control of the c	models for many and m	none Village condition - Onbox  Terminal 15 Village condition - Onbox	and direct. Nation	NO 10040 V	- DME defective  - Defect in wiring harmonic balancean Variotetricine relay  - Varient control productive  - Defective DME  - Varient DME  -	- Reprogram CME - Reprogram CME - Reprise CME - CME - CME CME -	-CO message on  -CO decisions with graph graph  -CO decisions expray power  -CO decisi	cories separate symptoms:  Phospital apparent symptoms:  - Raduction in signing stress (sky brane mode)  Financia apparent symptoms:  - Raduction in signing stress (sky brane mode)  - Cories  Financia apparent symptoms:  Cories  Cories  Financia apparent symptoms:  Cories  Financia apparent symptoms:  Cories	Breakdown notice:  - To possible to continue driving the verticals but continue driving the verticals but continue driving the vertical but continue driving the vertical serving to the vertical serv	Monte  Monte  Monte  Monte  Monte
MEVOTI 2- 0x1E5A0 199115 Monitoring engine largue invalation: meanman permissable seleport torque in conductify exceeded  MEVOTI 2- 0x1E5A0 200096 Valvetonic relay, expoly unlarge. Bond to each  The diagnostic field and production of the diagnostic fie	grounds function monitors the maximum approved specified torque.  Joseph Eurockin recording the west from the form that the control was to the west from the ground and the control was to the west from the control was to the Westernoon was to		- Abous (Blotter of Abous (Blo	models but many models but many models but many models mod	none Village condition - Onbox  Terminal 15 Village condition - Onbox	and stace None None  ord stace None None  ord stace None None	NO 1000 V NO 1000 V NO 1000 N N N NO 1000 N N N NO 1000 N N N N N N N N N N N N N N N N N N	- DME defective  - Defect in wiring harmonic balancean Variotetricine relay  - Varient control productive  - Defective DME  - Varient DME  -	- Reprogram CME - Reprogram CME - Reprise CME - CME - CME CME -	-CO message on  -CO message on	ergine speed is limbled on the included from particle desirates  Procedor appeared symptoms  - Radictions recipies grows (tipe-forme mode)  - Radictions recipies grows (tipe-forme mode)  - Engine grain frombeton  - Procedor appeared symptoms  - Comessage, continuer seeks  - Procedor appeared symptoms  - Comessage, continuer seeks  - Procedor appeared symptoms  - Comessage, continuer seeks	Breakdown reduct  Breakdown reduct  B is possible to continue driving the vehicle, but passing manaceurs should not be alterigate owing to the reduction in singles output.  Breakdown reduct  Breakdown reduct  Breakdown reduct  Breakdown reduct  Breakdown reduct	None  None  None  None  Atomic blood  Atomic can be delibed.
MEVOTI 2.  MEVOTI 3.  MEVOTI 2.  MEVOTI 3.	grounds function monitors the maximum approved specified torque.  Joseph Eurockin recording the west from the form that the control was to the west from the ground and the control was to the west from the control was to the Westernoon was to	VVT-Risky Suggy Vollage Circust Clean  Venetronic (VVT)  Control Module Monthly Safety Function AO	- Abous (Blorers of Abous (Blo	models but many models but many models but many models mod	none Village condition - Ontoo  Terminal 15 Village condition - Ontoo  Terminal 15 Village condition - Ontoo	and stace None None  ord stace None None  ord stace None None	NO 10010 V  NO 100	- CME defective  - Cathod in wiring harmonic belower Valvestronic relay and CME variable of the Confection Con	- Reprogram CME - Reprogram CME - Reprogram CME - Reprise	-Comeage on  -Come	ergine woed is limbed on the included from panied statemen  Procedure appearent symptomic  - Reduction in engine grows (line) from enclosi  Formation appearent symptomic  - Reduction in engine grows (line) from enclosi  Formation appearent symptomic  CC missage, customer assess  Procedure appearent symptomic  Local contract sympto	Breakdown reduct  Breakdown reduct  To a possible the continue driving the vehicle, but passing manurours should not be alrempted evely to their reduction in engine evelys.  Breakdown reduct  Breakdown reduct  Breakdown reduct  Breakdown reduct  Breakdown reduct  - To a preside the contenue driving the redicts. but contenue driving the redicts but contenues are contenued to the redicts and the reducts and the redicts and the reducts and the reducts and the redicts and the reducts and the red	None  - A lummari sistus seletir must be conductado before
MEVOTI 2.  MEVOTI 3.  MEVOTI 2.  MEVOTI 3.	grounds function monitors the maximum approved specified torque.  Joseph Eurockin recording the west from the form that the control was to the west from the ground and the control was to the west from the control was to the Westernoon was to	VVT-Risky Suggy Vollage Circust Clean  Venetronic (VVT)  Control Module Monthly Safety Function AO	- About the terror well-to the second	concept when the concept control of the first concept control of the	none Village condition - Ontoo  Terminal 15 Village condition - Ontoo  Terminal 15 Village condition - Ontoo	and stace None None  ord stace None None  ord stace None None	NO 10010 V	- CME defective  - Cathod in wiring harmonic belower Valvestronic relay and CME variable of the Confection Con	- Reprogram CME - Reprogram CME - Reprogram CME - Reprise	-Commange on -Commange on -Usi discholar enging power -Collection engi	ergine woed is limbed on the included from panied statemen  Procedure appearent symptomic  - Reduction in engine grows (line) from enclosi  Formation appearent symptomic  - Reduction in engine grows (line) from enclosi  Formation appearent symptomic  CC missage, customer assess  Procedure appearent symptomic  Local contract sympto	Breakdown reduct  Breakdown reduct  To a possible the continue driving the vehicle, but passing manurours should not be alrempted evely to their reduction in engine evelys.  Breakdown reduct  Breakdown reduct  Breakdown reduct  Breakdown reduct  Breakdown reduct  - To a preside the contenue driving the redicts. but contenue driving the redicts but contenues are contenued to the redicts and the reducts and the redicts and the reducts and the reducts and the redicts and the reducts and the red	None  - A lummari sistus seletir must be conductado before
MEVOT 2 - 0x176542 1995192 Monitoring engine largue includers: maximum The disproact and an experimental analysis of the second of the disproach and an experimental analysis of the second of the disproach and an experimental analysis of the second of the disproach and an experimental analysis of the second of the disproach and an experimental analysis of the second of the disproach and an experimental analysis of the second of the disproach and an experimental analysis of the second of the disproach and an experimental analysis of the second	grounds function monitors the maximum supromoted quantified transpare.  Joseph Lincidon monitors the wire from the part of the	VVT-Rieby Studge Voltage GradiCean  Vehatronic (VVT)  Control Modula Montaining Stufey Function AD	- About filter or to select the select the select to select the se	conceive than the conceive tha	Former Vittage condition - Ontoid  Terminal 15 Vittage condition - Ontoid	and desics Notice	NG 10000 V	- Datific de wiring harman si obtesen Valvedroiri relay and DME - Valvedroiri relay relation to the valvedroiri relay solution to valved in wiring harman between Valvedroiri relay -	- Reprogram CME - Replace DME - Replace DME - Replace DME - Replace DME - Replace Valvetonic relay and Replace DME - Replace Valvetonic relay and Replace Valvetonic relay and Replace Valvetonic relay and Replace DME - Replace Valvetonic relay and CME REPORT OF THE RE	-CO message on LOS message on LOS message on LOS messages on L	ergine seeds in littled con the socialist from professional control professional control professional control professional control professional control contro	Breakdown rodae:  - It is possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and and a possible to continue directly and possible to continue directly	None  A terminal status switch must be conducted before the field can be ableted.  A terminal status switch must be conducted before
MEVOTI 2- 0-175542 200315 Valvetonic selay, supply voltage. Short to each 1960020 0-175555 200317 Valvetonic selay, supply voltage. Short to each 1960030 0-175555 200317 Valvetonic selay, supply voltage. Short to each 1960030 0-175555 200327 Valvetonic selay, supply voltage. Short to each 1960030 0-175555 200327 Valvetonic selay, supply voltage. Caso circuit.	grounds function monitors the maximum approved specified torque.  Votel's function monitors the wire from the price of the	VVT. Relays Supply Vollege, Clinus/Clipsen Volkestronic (VVT)  Contract Module Monthlying Suriny Function ACI  Convenient Error  ECM Monthlying	- About the tree of the second to the second	conceive than the conceive tha	none Village condition - Ontoo  Terminal 15 Village condition - Ontoo  Terminal 15 Village condition - Ontoo	and desics Notice	NG	- CME defective  - Cathod in wiring harmonic belower Valvestronic relay and CME variable of the Confection Con	- Reprogram CME - Reprince CME - Rep	-CO message on LOS message on LOS messages on	cone separat symptoms - Associate symptoms - Cones Con	Breakdown notice:  - To a preside the continue driving the minich, but passing managed to continue driving the minich, but passing managed to the production in engine coupled.  Breakdown notice:  Notice:  Breakdown notice:  Breakdown notice:  - To a possible to continue driving the whicks, but passing granulation to engine coupled.  - To a possible to continue driving the whicks, but passing granulation in engine coupled.	More  A terminal status which must be conducted before this fixed can be defined.
MEVOT 2. 0x15500 198110 Monitoring engine largue institution: maximum The disproact Biological Control of the C	grounds function monitors the maximum supromoted quantified transpare.  Joseph Lincidon monitors the wire from the part of the	VVT-Rieby Studge Voltage GradiCean  Vehatronic (VVT)  Control Modula Montaining Stufey Function AD	- About filter or to select the select the select to select the se	conceive than the conceive tha	Former Vittage condition - Ontoid  Terminal 15 Vittage condition - Ontoid	and desics Notice	NG   neric   Y	- Datific de wiring harman si obtesen Valvedroiri relay and DME - Valvedroiri relay relation to the valvedroiri relay solution to valved in wiring harman between Valvedroiri relay -	- Reprogram CME - Replace DME - Replace DME - Replace DME - Replace DME - Replace Valvetonic relay and Replace DME - Replace Valvetonic relay and Replace Valvetonic relay and Replace Valvetonic relay and Replace DME - Replace Valvetonic relay and CME REPORT OF THE RE	-CO message on LOS entering large on LOS enterings are many large on LOS enterings are many large on LO	ergine seeds in littled con the socialist from professional control professional control professional control professional control professional control contro	Breakdown rodae:  - It is possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and and a possible to continue directly and possible to continue directly	None  - A terminal status switch must be conducted before the food can be distinct.  - The food can be distinct.  - A terminal status switch must be conducted before
MEVOT 2. 0x15500 198110 Monitoring engine largue institution: maximum The disproact Biological Control of the C	grounds function monitors the maximum supromoted quantified transpare.  Joseph Lincidon monitors the wire from the part of the	VVT-Rieby Studge Voltage GradiCean  Vehatronic (VVT)  Control Modula Montaining Stufey Function AD	- About filter or to select the select the select to select the se	conceive than the conceive tha	Former Vittage condition - Ontoid  Terminal 15 Vittage condition - Ontoid	and desics Notice	NG   revea   V	- Datific de wiring harman si obtesen Valvedroiri relay and DME - Valvedroiri relay relation to the valvedroiri relay solution to valved in wiring harman between Valvedroiri relay -	- Reprogram CME - Replace DME - Replace DME - Replace DME - Replace DME - Replace Valvetonic relay and Replace DME - Replace Valvetonic relay and Replace Valvetonic relay and Replace Valvetonic relay and Replace DME - Replace Valvetonic relay and CME REPORT OF THE RE	-CO message on CO message on C	ergine seeds in littled con the socialist from professional control professional control professional control professional control professional control contro	Breakdown rodae:  - It is possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and a street of the possible to continue directly and and a possible to continue directly and possible to continue directly	None  A terminal status switch must be conducted before the field can be ableted.  A terminal status switch must be conducted before

MCC0112- MCC0012- MCC000 doubtfolio 2002021	The diagnostic function models in the CME's Internst extens.	PMMO	Manual Control Medula Accisinate Pedal Pedalon Parlamentes	ECM	Accidentes Printe	The faul is uncoprised by the self-disposal.  Pleasered problem concepts)	none	Vidtage condition - Orboard site	- None	NO nose	- Accelerator parla recolar altra-free versa parla recolar altra-free versa parla recolar altra-free versa parla recolar del colar del c	- Chack wing harnes believe DME and scolerate Pages accessive paid model: The page accessive paid model Continued to the fine begans a great that 3	MY10 ECE  - ECE electronic engine power  - ECE electronic engine power  - CC enessige on  - Us entension warring lamp;  - Us entension warring lamp; on  - Us entension warring lamp;  - FCE entension warring lamp;  - ECE electronic engine power	000	Possible apparert symploms - Loss of gover - Speci instation	Braidmen indice:  - It is possible to continue during the vehicle, but passing minovarues should not lot at immediate during to exhibit the vehicle of the designed unique.	A lammal status swith must be conducted before the first of an be deleted.
MEVC172 - 0-17550 201028 CML Hamrid fault, election poolwater pade 20000 - 0-17550 201028 monitoring (good season	The diagnostic function receibers the DME's internal status.	P92SC	Control Module Monitoring Salety Function Speed Seption Error	ECM Monitoring	Salfely Function	The fault is recognized by the self-disposis.  Potential problem isource(s): - Charistant are ordiscrive - Writing lawress efficiency - Child, Self-deption - Child, Self-deption - Child, Self-deption - Child, Self-deption	none	Voltage condition: - Onboard elec	- None None	NO none	Constantal sensor defective     Obtact in wing harmos     Obtact on wing harmos     Obtact on wing harmos	Check wiring harness between DME and crantshult     Sensor     Replace crantshult sensor     Only replace to be allow be also also also continued present continued by if the fluid frequency is greated than 3.	- ECE emissions warning lamp: on - ECE electronic engine power reduction: on - CC message: on - US electronic warning lamp: on - US electronic engine power reduction: on - CC message: on - CC message: on	rone	Posebble apparent symptoms: - Loss of power - Speed limitation	Breakdown notice:  - It is possible to continue driving the vehicle, but passing manuscress should not bullengthed owing to manufacture in register object.	A terminal databas assisted must be conducted before this fault can be delated.
MCV017.3- INC000 - In-VFSS1 203009 CME, menul fault montaining plashitaption of minute correction factors.	The diagnosic function monitors the DME's internal states.	P3237	Control Module Monitoring Fuel Correction Error	ECM Monitoring	Fuel Correction	The fault is recognized by the self-disprovise. Potential problem source(s):  Other defeature  This fault is logged in the control model's fault memory semediately.	none	Voltage condition: - Ontoard elec	S-Mone - Mone	NO one	Y CME deluctrie	Only replace the DME if the fault remains present confinuously or if the fault bequency is greater than 3.	- ECE emissions warning lamp; on  - ECE electronic engine power  restoration on  - CCC message: on  - US electronic engine power  reduction; on  - CC message: on  - CC message: on  - CC message: on  - CC message: on  - ECE emissions warning lamp;	none	Possible apparent symptoms: - Loss of power - Speed limitation	Breakdown notice:  - 8 is possible to continue defining the vehicle, but passing maneures insular for the altempted owing to restriction in angiese output.	A terminal status switch must be conducted before this fluid can be distinct.
MS-C011.2. MS-C012.2 200000.  CME, treams fault encounting species rate sentates, even t	The diagnosis function monitors the CME's internal status.	P9250	Curtosi Modula Monitoring bijaction Rate Limitation Error	ECM Monitoring	Injection Palle	The fault is recognized by the self-diagnosis.  Potential problem source(s):  Dittl' disherbive  This fault is logged in the control models to fault manny mendiosely.	none	Voltage condition: - Onboard elec	s-Nove -Nove	NO none	V - DAE advantus	Only replace the DME if the fault remains present confinuously or if the fault frequency is greater than 5.	on - ECE electronic engine power reduction: cen - Cen resource cen - Commanager on - US electronic engine power reduction: cen - CC message: on - CC message: o	none	Possible apparent symptoms: - Loss of power - Speed limitation	Breakdown notice:  - It is possible to continue driving the vehicle, but passing manusers should not be attempted owing to reduction in ungine subject.	A terminal status switch must be conducted before this fault can be deleted:
MCV0172. DME trained fault morthology (spector-rate Motion) days (SS) 20102011 DME trained fault morthology (spector-rate Motion) days (SS) 20102011	The diagnostic function monitors the DME's informal status.	P92SD	Control Module Monitoring Injection Rate Limitation Error	ECM Monitoring	Iráccion Rate	The fault is recognized by the self-diagnosis.  Potential problem is source(s)  DME defereive  This fault is logged in the control modulat fault memory immediately.	none	Voltage condition: - Onboard step	-None -None	NO none	Y CMI delective	Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3.	- ECE electronic engine power reduction con- reduction - CC message on  - US emissions warning larm; on  - US electronic engine power reduction on  - CC message on  - ECE emissions warning larm; on  - ECE emissions warning larm; on  - DC message on  - ECE emissions warning larm; on  - ECE emissions warning lar	cone	Possible apparent symptoms: - Loss of power - Speed finitation	Brasidown rodice  - it is possible to continue driving the vehicle, but passing memoranes should not be attempted owing to reduction in angière output.	A terminal status switch must be conducted before this fault can be deleted.
MCV0172. Delta: Ox175504. 2010932 OME, returned fault. Monitoring of the content large benefit under content large.	an The diagnostic function monitors the DME's internal status.	P3337	Control Module Monitoring Lembda Plausibility	ECM Monitoring	Lambda Pitusibility	The fault is recognized by the self-diagnosis.  Potential problems inconcels)  - Winny Jamess defective  - Onges sensor defective  - Dielli defective  - Dielli defective	none	Voltage condition: - Onboard elec	s-Mone -Mone	NO 0008	- Wiring harness eaflective - Organissessor delactive - Solid delection	Check wiring hamses between organ sensor and DAE     DAE     Replace organs sensor     Chry leptoc organs sensor     Chry leptoc organs sensor     Chry leptoc or DAE of the fault memins present continuously or if the fault frequency is greater than 3.	- ECE electronic engine power reduction: on - CC message: on - US emissions warning lamp; on - US electronic regine power reduction: on - CC message; on - ECE emissions warning lamp; on - ECE emissions warning lamp; on - ECE electronic engine power	cone	Possible apparent symptoms: - Loss of power - Speed limitation	Breakdown notice:  — It is possible to continue divining the vehicle, but possing manusers should not be altempted owing to reduction in angiene purput.	A terminal status switch must be conducted before this fluid can be detend.
MSC/C112 COMPOSES 2000000 COMP. returnal fault monitoring plaubilization of MNOCOD (In 1976)55 2000000 reterine fault meas.	The diagnostic function monitors the DME's internal status.	P325F	Control Module Monitoring Fuel Volume Plausibility	ECM Monitoring	Fuel Volume Control	The fault is encogized by the self-disprosis.  Potential problem source(s):Raily-resource service delection.  DAME defective.  This fault is logged in the control colories.  DAME defective.  Inmediately.	none	Vottage condition: - Onboard elec	- None - None	NO none	Risk pressure somer defective vivil plant of the defective vivil plant of the defective service.  V. DMC defective service.	Check wining harness between DME and rati-pressure     Regional and pressure sensor     Regional and pressure sensor     Only replace the design of the sensor present continuously or if the fault thequency is greater than 3.	reduction: cer - Cm reseage: cm - US emissions warning lamp; cn - US electronic engine power reduction: cm - CC message: cm  MY10 ECE: - ECE emissions warning lamp; df	none	Possible apparent symptoms: - Loss of power - Speed limitation	Breakdown notice:  - It is possible to continue driving the vehicle, but passing manufacture of the graded owing to reduction in engine output.	A terminal status switch must be conducted before this fault can be distinct.
MEV017.2- INC000 On1F5DB 200004 DME, resent fault monitoring, longue companies	The diagnostic function monitors the CME's internal in	P051B	Internal Control Modula Torque Calculation Purtnemance	ЕСМ	Топрия	The faul is acceptant by the said deposits sources; Pubmid problem sources; Second problem sources; - Defective DME  The faul is topped in the control resolute fault memory immediately.	none	Voltage condition: - Onboard slee	-Nova -Nova	NO local	Y - Secondary faul if son motive formation Y - Defective CME	Bart ty requiring faults related to bigged ECU four     Only region to DOE first fault remains present continuously or Ene fault requiring language than 3	- ECE electronic engine power reduction con concentration of the concen	none	Possible apparent gyaptomis: - Loss of power - Speed Inntation	Breakconn notice:  It is possible to effect on only pre-verbile, but passing manufactures should not be attempted owing to reduction in angine cutput.	A terminal statute swelch must be conducted before this four can be deleted.
MEVOT72. BNG00 0x17607 200005 DME, returned fault, electric societanto podel societante pod	The diagnostic function monitors the DME's intermal station.	P328C	Control Module Monitoring Saltely Function Ratio Error	ECM Monitoring	Safely Function	The fault is recognized by the self-diagnosis.  Potential problem source(s): - Secondary fault from ministure models's fault in sugged in the control models's fault minimized before the control models's fault minimized in the control minimized fault minimized in the control minimized fault minimized in the control minimized fault mi	none	Voltage condition: - Onboard elec	C-None - None	NO one	Y - Secondary fault from mickure formation - Detection DME	Start by repairing faults related to logged ECU fault memory entities for indicate formation     Only replace to IOEE first fault insulant present continuously or Fifte fault the opening a greater than 3.	- ECE emissions warning lamp: - ECE electronic engine power reduction: on - CC message: on - US electronic engine power reduction: on - US electronic engine power reduction: on - CC message: on - ECE emissions warning lamp:	none	Possible apparent symptoms: - Loss of power - Speed limitation	Breakdown notice:  - It is possible to continue diving the vehicle, but passing manuscress should not be altempted owing to need-down in angless culpus.	A terminal status awards must be conducted before this fault can be deteled.
MEV0172- B0050 0x17509 205098 CMs, internal fault monthing, select coding.	The diagnostic function monitors the DME's intermal	P3235	Control Module Monitoring Version Coding Psysikity	ECM Monitoring	Coding	The fault is recognized by the self-diagnosis.  Potential problem source(s):  DNE defector  This fault is logged in the control modelet fault money interested by:	none	Voltage condition: - Onboard elec	- None - None	NO none	V - DMS debetine	- Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3	on  - ECE electronic engine power modutoric on  - CC massage: on  - US electronic engine power reduction: on  - US electronic engine power reduction: on  - CC message: on  - ECE emissions warning lamp:  - ECE emissions warning lamp:	none	Possible apparent symptoms: - Loss of power - Speed limitation	Brauddown notice  - it is possible to continue divining the vehicle, but passing mannevers should not be attempted owing to reduction in engine putput.	A terminal status switch must be conducted before this fault can be deleted.
MEVC172 DATE on 1950a 200007 DATE, internal faul, electic accelerator pean mantening lighters design accelerator peans	The diagnostic function monitors the DME's internal states.	P02SE	Control Module Monitoring Safety Function Ignition Training Empt	ECM Monitoring	Safety Function	The fault is recognized by the self-diagnosis.  Potential problem source(s): DME defective  This fault is logged in the control model's fault memory immediately.	none	Voltage condition: - Onboard step	- None - None	NO Inque	V , SME debuting	Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3.	on - ECE electronic engine power reduction: on - CC message: on - US emissions warring lamp; on - US electronic engine power motorion: on - CC message; on - CC message; or ECE emissions warring lamp;	6000	Possible apparent symptoms: - Loss of power - Speed finitiation	Breakdown notice:  - It is possible to continue driving the vehicle, but passing manuscers should not be attempted owing to reduction in engine output.	A terminal status switch must be conducted before this fault can be deleted.
MESCRI 2 CNTPSSS 200044 DME, triannel leuft: Shirth of just leet by morbot morbot morbot morbot services and part of part leaf to the process of the part of part leaf to the part	ng The diagnostic function monitors the DME's internal status.	P2810	Control Module Monitoring Shutdown Path Error	ECM Monitoring	Shuldown Path	The fault is recognized by the said diagnosis.  This fault is logged in the control models fault manary immediately.	none	Voltage condition: - Onboard elec	t-None -None	NO rone	Y - SMC defective	Cody replace the DME if the fault remains present continuously or if the fault frequency is greater than 3.	con	0008	Possible apparent symptoms: - Loss of power - Speed imitation	Breakdown notice:  - R is possible to continue divinity the vehicle, but passing manus-vers should not be attempted owing to resolution in engine output.	A terminal status switch must be conducted before this fault can be distinct.
MEXCOT7.2- IMAGODO Ox175051 200046 OME, prismed fast. Pleusdably mentioning, but make	The diagnostic function menitors the DME's internal states.	P329F	Control Module Monitoring Fuel Volume Pleusibility	ECM Monitoring	Fuel Volume Control	The fault is recognized by the self-disprosis.  Potential problem source(s).  OBE defaulte:  This fault is logged in the control model's fluid memory semediately.	none	Voltage condition: - Onboard elec	E-None - None	NO ouns	Y - CME defective	Only replace the DME if the fault remains present confinuously of if the fault frequency is greater than 3	- ECE electronic engine power reduction: can continue co	none	Posible apparent symptoms: - Loss of power - Speed limitation	Breakdown notice:  - It is possible to continue driving the vehicle, but passing manuscers should not be alterepted owing to neededown in engine colput.	A terminal status switch must be conducted before this fluid can be disided.
MEVC172 - ENGODO InvFSS2 200046	n The diagnosic function monitors communications within the DME.	P1646	Internal Control Module Communication Error Output	ЕСМ	Quiput Stage Communication	The Statt is delected by the Internal education algorithms.  Potential problem source(s):  DME defective  This Statt is logged in the control modular fault mannery immediately.	rone .	Vottage condition: - Onboard elec	-None -None	NO none	N JOHE abbellon	Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3.	on - ECE electronic engine power reduction: off - CC measure on MY10 US: - US emissions warring lamp; off - US electronic engine power reduction: off - CC measure, come - CC measure, come - MY10 ECE:	cone A	Possible apparent symptoms: clive fault can cause engine to stall or fail to start.	Breakdown notice: - notice:	-1096
MEVO17 2- IR4008 - 0x19503 200947 DME, remarket, recoloring MEC communication Methodol n models 82230	in The diagnostic function monitors communications of DME hardware components.	P1646	Internal Control Module Communication Error Output Stage	ЕСМ	Culpul Stage Communication	The but is recognized when interference occurs in communications between the CPU and a direct circuit. Potential problem is currectly: - Diet delivories - D	none	Voltage condition: - Onboard elec	s-More -More	NO NOS	N . CME delective	Only replace the DME if the fault remains present continuously or if the fault bequercy is greater than 5.	- ECE emissions warming lamp: on - ECE electronic engine power reduction: off - CC message: on MY10 US - US emissions warming lamp: off - Us electronic engine power reduction: off - CC message: none	cone	Possible apparent symptoms: - Breakdown in extreme cases	Breakdown rodice:	- none
ME(Q173 a GATE 2000 A 2	The disposels function monitors the current flow strough the Valvatoric calculator notice when the diviner circuit is switched out in	PIOES	Internal Control Module Error, Control Circuit VVT	ECM	Valvetonic (VVT) Control	The fault is logged in the EPU start remoting when the current dates in the development of the current dates in the deviler cultural seconds 4 among which the defined control cut is conscribed, observed on the current in conscription.  Description profession source(s). These fault is logged in the control modelet fault miscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondiscondis	Terminal 15	Voltage condition: - Onboard elec	None None	none none	N - Delaction wing harriess Schema DEE	- Check wing harness between Vehetronic actuator motor and DME - Replace DME	ECE: - ECE emissions warning lamp: - ECE emissions warning lamp: - ECE electronic engine power reduction: on - CC message: on - MY10 US: - US emissions warning lamp: on - US electronic engine power reduction: on - CC message: on	none	Possible apparent symptoms: - Broakdown in extreme cases	Breakforwn nofice:	If the fault occurs while the Valvetonic unit's stoke is not at full extension than the engine will stail and fail for restart. This is because the Valvetonic driver closur. The is because the Valvetonic driver closur to reinforms state. If the sail occurs at manifum stroke, unrestricted throttled operation is possible.
								Vallage condition: - Onboard ele-					MY16 ECE				

MEVD17.2- 8100205 0x1F1A52 203	8554 CME, internal fault with EEPRCM faulty	The diagnostic function monitors the EEPRCM emulation's with block."	POGF Internal	mal Control Module EEPROM Error	ЕСМТСМ	The fault is recoperated as a Coperate of	This fault is logged in the control ource(s): module's fault memory	i ngas	Voltage condition - Onboard also! None	- None NO	none	N	- DANE dolective	CCE emission warms     CCE destronce expending to the control of the control	power in amp: on power	Possible apparent symptoms:	Breakdown notice: - spok	- none
MEVD17.2- BN2020 0x1F1A60 201	8368 DME, internal fault: monitoring-module fault	The diagnostic function nonlines the DME's internal moviler modules.	POSOA Internal C	Control Module Monitoring Processor Performance	ECMTCM	The fault is recognised dispersion of the fault is recognised dispersion of the fault in the fault is recognised in the fault in the fault in the fault is recognised in the fault in the fault in the fault is recognised in the fault in the fault in the fault is recognised in the fault i	This fault is logged in the control ource(s): module's fault memory	l Terminal 15	Voltage condition: - Orthoped effect - None	-None NO	none	v	- DME defective	-ECE continuous name  -ECE extractive report nuclection of Co. Resigns;  -Co. Res	power in amp: on power in rone	Prossible apparent symptoms: - Loss of power - Speed Instation	Breakdown notice:  - It is possible to continue driving the vehicle, but placing naveled to vehicle	A terminal status switch must be conducted before this fault can be desired:
MEVD17.2- BN0020 0x1F1A80 203	6400. CME internal fauts, waithdag output, matheridan.	The diagnosis function monitors the internal ABE and VICIA wite in the DME.	P16EA Informa-	nal Control Module Watchdog Error	ЕСМ	The but is recognised depression of the state of the stat	is.  This fault is logged in the control ource(s): module's fault memory	Terminal 15	Voltage condition - Ontourid elect - None	- None NO	none	¥	- DME defective	Collegious various various control of the fact of	power in many off power in not not not not not not not not not no	Possible apparent symptoms: Non-stanter in extreme cases	Breakdown Indice: Continued driving is not possible while fault is active. When the fault in no longer present continued driving is possible with no restrictions.	A terminal status switch must be conducted before this figure can be distribed.
MEVD17.2. BN0020	DME, internal fault, watchchog output: faulty quantition/present communication.	The diagnostic function monitors the internal WDA were in Pta DME.	P16EB Internal Con	rntrol Module Walchdag Communication Error	ECM	The fault is recognised deprivation of the fault is recognised deprivation of the fault is recognised for the Wardondog - OMS det	This fault is logged in the control ource(s): module's fault memory	Terminal 15	Voltage condition - Ontopard elect - None	- None NO	ngne	v	- CANE defective	- SCE electron congri- con congri- con congri- con congri- con congri- con congri- con congri-	power un angs off power in n none	Possible apparent symptoms: - Breakdown in estimps cases	Breakdown notice:	A terminal status switch must be conducted before this fault can be distribed.
MEVD17.2- BN2020 0x1F1A82 203	DME, internal fault, watchdog output: overvollage detection	The diagnosis function monitors the internal ABE wire in the DME.	P16EC Internet Cord	ntrol Module Watchdag Overnollage Error	ECM	The but is recognised early specific and compared of the specific and	This fault is logged in the contro ource(s): module's fault memory	f Terminal 15	Voltage condition: - Ontourid elect None	- None NO	none	Y	- DME defective	- ECE revisions warm  - CEC discrete leging  - CEC discrete  - CEC	un ampr. crift power un none	Possible apparent symptoms: - Breakdown in extreme cases	Breakdown notice: - - notes	A terminal status switch must be conducted before this fault can be distribed.
MEVO17.2- BR0200 0x1F1460 200	DME; internal fault, monitoring for sensor supply: 549. voltage outside valet range.	The diagnostic function monitors the sensor-voltage supply C1.	P467 Meres C	Control Module Vot Supply Voltage 1 Parformance	ЕОМ	The fault is recognised and diagrams of the fault is the cognised of the fault of t	is.  This fault is logged in the control ource(s): module's fault memory	I Terminal 15	Voltage condition - Orlicosed elses - Horse	-Nova NO	nona	N	- DAE advictiva	CEC envisions warm EEC envisions for the student of the student o	power on manyo on power on power	Possible appaient symptoms: - Resused primmarca - Special Intitution	It is possible to confine whether the passible to confine whether the passible to confine whether the passible premium version and of the statement of one of the passible premium version and of the statement of the passible premium version and of	- ricina
		The diagnosis function enrollers the internal sensor		Control Module Volt Supply Voltage 2		The fault is viceoperated and dispersion of	is. This fault is logged in the control							MYSICE  F.C. encourse experience  - C.C. encourse experience  - C. encourse experience  - C. encourse experience  - C. encourse experience  - Use section experience  - C. encourse experience  - C. enc	power  in surpc on  power  g lamp,  power	Рожайа арышт уупроли:	Braddown online  - Is a possible to confine of length per which, but passing manurouse shadout on the alternative owing to	
MEVO17.2- BNG000 04FM91 201	6477 vehlage colabila velid range	supply voltage CD.	P1603	Performance	ECM	Voltage Protecting profession of State and Sta	od by the		Vidage condition - Onloced deed: Name	-None NO	nona	N .	- OME deluctive	Continuency of the faul frequency is granter than 3  APT SEC.  - CC extension.  - CC extension require.	n norma g lang. g lang. unipp on power growing growing g lang.	- Reduced performance - Spend femiliation	monotorin narpini suppi.	- 1000
MEVD17-2- BN2020 0x1F1AQ2 203	DME, internal fault, monitoring 5V sensor supply 3: voltage outside valid range	The diagnostic function monitors the internal sensor supply voltage G2.	P16E9 Internal C	Control Module Volt Supply Voltage 3 Performance	ECM	Voltage Potential problem  Voltage - DME def	This fault is logged in the contro ource(s): module's fault memory ive immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none	N	- DME defective	Cotly replace the DME if the fault remains present continuously or if the fault frequency is greater than 3     CO missage:     - ECE emissions wants off	none none	Possible apparent symptoms: - Reduced performance - Speed limitation	It is possible to continue driving the vehicle, but passing maneuvers should not be attempted owing to reduction in engine output.	- none
MEVD17.2- BN2000 0x1F1B40 203	8502 Starter, activation: short circuit to positive	The diagnostic function monitors the starter control activation wire (Terminal St) from the DME to the CAS.	P0817	Starter Relay Circuit High		The fault is expended on the control to possible or control to possi	is present.	l Terminal 15	Voltage condition: - Ciriboard alect - None	-None NO	U	N	Defect in wiring harmess between CAS and DME     CAS defective     DME defective	- EEE electronic engine neutron. of . CC message. re	inne di power none none	Possible apparent symptoms: None	Breakdown notice: Notice	None
MEV017.2- BN0020 0x1F1B41 203	8593 Starter, activation: short circuit to ground	The diagnostic function monitors the states control- activation wive (fermious 50) from the DME to the CAS.	P0616	Starter Relay Circuit Low		The fault is recognished extends to give provided the provided pro	is present.  ource(s): namess  I DME This fault is logged in the control  we module's fault memory	4 Terminal 15	Voltage condition: - Onboard elect - None	- None NO	U	N.	- Defect in witing harmosis between CAS and DME - CAS defective - DME defective	- CC envision was an armony of the control of the	power time ampt off power	Possible apparent symptoms: Delayed engins start	Breakfown nofce: None	Nope
MEVD17.2- BN0020 0x1F1842 203	8504 Starter activation open circuit	The diagnostic function monitors the states control- activation wire (Terminal 60) from the DME to the CAS.	P0615	Starter Relay Cucuit		The fault is recognized to recognize the popular visit is a Potential grown with a late Potential grown with a late Potential Grown Conference	ource(s): harness d DME This fault is logged in the control ive module's fault memory	f Terminal 15	Voltage condition: - Onboard electi - None	. None NO	U	M	Defect in witing harness between CAS and DME     OAS defective     OME detective	- CCC entractors warming of the CCC electronic engine control en	power inte amp: off power	Possible apparent symptoms: None:	Breakdown rooke: None	None .
MEVD17.2- BN2020 0x1F1B50 201	8668 System voltage, DME mader relay; voltage too high	The diagnosis function monitors the ballety voltage within to an apper time.	P6487 ECMPC	ACAA Power Relay Control Circuit High	ECMPOM Power Railay		ource(s): instance, This fault is logged in the control module's fault memory ly to DME	i none	Vottage condition: - Onboard slast - None	- 2 min. after engine start NO	U_0x5815	N	Systematic fault, for instance, jump start with 24 V     Defect in power regary to DME.	- Et an overvirtige ford is logged in the fact memorals of multiple control models from the curve is a systematic multiple control models from the curve is a systematic multiple control models from the curve is a systematic multiple control models from the curve is a systematic multiple control models from the curve interacts, prime daily 31 yr. If the curved large model, then the problem tex with the power apply to this the price control models.  - Commence for the curved in the curved	power on one one one one one one one one one	Possible apparent symptoms:	Breakdown notice: None	None
MEVD17.2- BA2020 0x1F2104 204	0068 Incorrect data record: CAN Simeout	The diagnostic function monitors the CAN bus believes the CAS and DME.	P3288 Control Mo	Nodule Monitoring Engine Variant CAN- Timeout		FAMEZULOTY VERSION) nesses CAS in in Patential patential Time for iv stamming FAF (VEFLCE VERS)	rig.  ource(s): siden EUGTYP () message This fault is logged in the contro module's fault memory	4 Terminal 15	Voltage condition: - Onboard elect - None	None NO	cone	N	Time limb violation transmitting FAHRZEUGTYP (VEHCLE VERSICH) instange from CAS - Defender	CC entractors want     CCC entractors want     CCC entractors want     CCC entractors want     CCC entractors     CCC entractors     CCC entractors     Playlace CAS     Regulace CAS     CCC entractors     CCC entractors     CCC entractors     CCC entractors	power on amp: off power Occurs when vehicle version message from CAS is	Possible apparent symptoms:  - Possible power naturition outwid by incorrect performance class	Breakforen nofice: Aucid passing maneuvers as engine power is reduced	None
MEVD17.2- BN2020 0x1F2108 204	0072 Incorrect data record: Variant monitoring	The diagnostic function monitors the software versions in the CASI and DME.	P3289 Control	ol Module Monitoring Engine Variant Plausithility		The fault is recognited to the control of the contr	ource(s): ing error correctly  This fault is logged in the control AS module's fault memory	I Terminal 15	Voltage condition: - Onboard afect - None	- None NO	none	N	- DME programming error     - DME encoded recornectly     - Calledon CAG     - Defective DME	- CCC emission want - CCC destroins expire - Continue fault dispricial at the following ECC ASS - Replace CASS - Replace CASS - Replace CASS - CCC message	power in amp: off The code (upper/middlef/ower performance class) for the CAS does not match the code in the datasetifite	Possible apparent symptoms: - Possible power reduction caused by incomed performance destination.	Breakdown notice: Avoid pastising minequeus as engine power is reduced	None
MEVD17.2- BN2020 0x1F2601 204	1345 Erecolng, Worg valent coded	The diagnostic function monitors the encoding				The fault is recognite encoding in the fault in recognition of the fault in the fau	This fault is logged in the control ource(s): module's fault memory	4 Terminal 15	Vottage condition: - Ontown detail - None	- None Non	None	N	- DME encoded inconectly	- ECC entitions and - CCC electronic expose - CCC electronic expose - Ended - CCC electronic expose - Ended - CCC electronic expose - Ended - Ended - CCC electronic expose - Ended - Ended - CCC electronic expose - Ended - Ended - CCC electronic expose - CCC electronic expose - Ended - CCC electronic expose - Ended - CCC electronic expose - Ended - CCC electronic expose - Ended -	power in in in in power	Possible apparert symptoms: Possible opportention, vinus too low	Breakdown notice: Because power may be reduced passing maneuvems should be avoided	None
MEVD17.2- 892020 0x1F2604 20-	1348 Encoding Vehicle identification number not coded					The fault is recognise encoding is not provided in the second of the sec	orrect.  This fault is logged in the control ource(s): module's fault memory	f Terminal 15	Vottage condition: - Onloand electi - None	- None None	None	N	- DAE encoded incorrectly	ECE entaions saint     CCE destroits expire	power in amp: off power	Possible apparent symptoms: Possible adjul limitation, Vinax bo low	Breakdown notice: Because power may be reduced passing maneuvers should be avoided	None
						The fault is recognit			Vottage condition: - Onboard elect					CCE emissions warm     CEd electronic experience repre- rescuence rep	g lamp:			

									1		
							- ECE emissions warning lamp:  off - ECE electronic engine power reduction: off - CC message: on - CC message: on				
MR/V017.3- BR0000 0x197700 3041600 Encoding Valent chase error The diagnostic function months the encoding.	The fault is recognized when the encoding is not correct.  Potential problem source(s):  - DME encoded incorrectly.	This fault is logged in the control module's fault memory Terminal 15	Vottage condition: - Onboard elect - None	- None	None N	- DME encoded incorrectly	- Fincade DME - If diagnostic faut code is logged again: Replace - If diagnostic faut code is logged again: Replace - OME - Commission: or	ma	Possible apparent symptoms: Possible output limitation; Vimax too low	Breakdown notice: Because power may be reduced passing maneuvers should be avoided	None
							ECE emissions warming lamp:     off     ECE electronic engine power				
	The fault is recognized when the encoding is not correct.	This fault is logged in the control					reduction: off - CC message: on - US emissions warning lamp: off - Encode DME - US dectoring engine power			Breakdown notice:	
ME/CVT-2. BN00000 0x1F2704 2041604 Encoding Implausible variant The diagnosis function monitors the encoding.	Potential problem source(s):  - DME encoded incorrectly  The fault is recognized when a	module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None None	None N	- DME encoded incorrectly	If diagnostic fault code is logged again: Replace reduction: off	none	Possible apparent symptoms: Possible output limitation; Vinax too low	Because power may be reduced passing maneuvers should be avoided	None
	short circuit to positive is present.  Potential problem source(s):  - Wiring harmess between DME and overlade-protection raily by						- ECE electronic engine power reduction: off - CC message: none  Charit wides homeon between DME and quotient				
MEVOT 2. Relay system and spectro systems, activation Short The diagnosis function months the wint to the contact of the contact to the contact of the conta	igntion and injection is defective  - Defect all igntion relay  - Defect we DME	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N	Wiring harness between DME and overload- protection relay for ignision and injection is defective     Defect at ignision relay     Defective DME	protection relay for ignition and injection - Replace overload-protection relay for ignition and injection - Replace DME - Replace DME - CC message: none	Engine fails to start, or stalls	Possible apparent symptoms:  - No longer possible to start engine	Breakdown notice: None	None
	The fault is recognized when a short circuit to ground is present. Potential problem source(s):						- ECE emissions warning lamp: off - ECE electronic engine power reaction: off				
	- Willing harmons between DME and overhard-protection raisy for ignition and injection is defective.  - Defect at a tignition makes - Defect at a tignition makes	This fault is logged in the control module's fault memory				Wiring harness between DME and overload- protection relay for ignition and injection is defective	- Check wiring harness between DME and overload- protection relay for ignition and injection     - Replace overload-protection relay for ignition and     - US existions warning lamp: off     - US existions warning lamp: off     - US existions warning lamp: off				
MECOT 3. Risky, system and systems sparkers, activation Start 8000000 (striff 4402) 20000000 (striff 4402) 20000000 (striff 4402) 200000000000000000000000000000000	Defect or system neary     Defective DME     The fault is recognized when an open wire is present.	modules tout memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N	- Defect at ignition relay - Defective DME	injection reduction: cell Replace DME - CC message: none - ECE emissions warning tamp: cell	Engine continues to run and starts	Possible apparent symptoms: None	Breakdown notice: None	None
	Potential problem source(s): - Writing hamess between DME and resembled contraction relays for					- Wiring harness between DME and overload-	- ECE electronic angine power reduction: off      - CC message: none     - Cherk wirinn harmess hetween DME and overload.				
ME/ICIT 2. Relay (gridton and injection systems, activation:  The dispressic function monitors he wire to the BN0000 0x1F4H10 2005758 Open circuit overlaps protection relay for ignition and injection.	ignition and injection is diffective - Defect at ignition relay - Defective DME	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N	Wining harmess between DME and overload- protection relay for ignision and injection is defective     Defect at ignision relay     Defective DME	protection relay for ignition and injection  - Replace overtead-protection silely for ignition and injection injection  - Replace DME  - CC message: none	Engine fails to start, or stalls	Possible apparent symptoms:  - No torger possible to start engine	Breakdown notice: None	None
	The diagnostic fault code is						- ECE emissions warning lamp:     off     - ECE electronic engine power     reduction: off				
MEV.017.3. CME, Internal fall, Interior-temperature sensor value  The diagnostic function monitors control module	logged when the voltage value for ECU temperature > 4.9 V. Potential problem source(s):	This fault is logged in the control module's fault memory					- CC message: on - US emissions warning lamp: off - Us emissions warning lamp: off - Us eductoric engine power reductors off		Possible apparent symptoms:	Breakdown notice:	
BN0000 0x1F5000 205128 too high Interpretative for violation of an upger limit. PNSS4 Contral Module Internal Temperature IX Too High ECM/TOM	Internal Temperature - DME defective	immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NU	none N	- DME defective	continuously or if the fault frequency is greater than 3 - CC message: on  - ECE emissions warning lamp: off - ECE electroic regime power	0000	- Losa of power	- none	- none
	The fault is logged in the ECU fault memory when the voltage for the control modals for the control modals temperature is > 0.1 V.						reduction; off  - CC message; on  - US emissions warning large; off  - US electronic engine cover				
ME(D113 DME: Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME: Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, value BND100 Dx (F5501 205129 DME) (Internal fault, interior Ampropative sensor, internal	Potential problem source(s): Internal Temperature - DME defective	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N	- DME defective	Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3     CC message: on     -ECE emissions warning lamp:	none	Possible apparent symptoms: - Losa of power	Breakdown notice: - none	- none
	The fault is recognized when the temperature in the DME is too						- ECE electronic engine power reduction; off - CC message; on				
MEVOT2 - Section of the Control Mode Internal Temperature X To High ECM/TCM Temperature X To Hig	high.  Potential problem source(s): - DME overheated - Detective DME - Detective DME	This fault is logged in the control module's fault memory immediately. none	Vottage condition: - Onlogerd efect - None	- None some	Temp, 0x5821 Y	- DME overheated - Defective DME	- Check E-box fan as indicated - Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3 - CC message: on	none	Possible apparent symptoms: - Loss of power	Breakdown notice: - none	- none
							- ECE emissions warning lamp: off - ECE electronic engine power reduction: off				
	The fault is recognized by the self-diagnosis.  Potential problem source(s):  Secondary fault from mixture	This fault is logged in the control module's fault memory					- CC message: none  - Start by repairing faults related to logged ECU fault memory entries for mixture formation  - US electronic entries power  - US electronic entries power				
MECOT 2. Internal DISC error, signal monitoring Academistra BNQ000 0x0000004 2100484 podiar reglassible Ted diagnostic function monitors the DISC.	Somation - Defective DME	modulé's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None NO	none Y	- Secondary fault from mixture formation - Defective DME	- Only replace the DME if the fault remains present reduction: off continuously or if the fault frequency is greater than 3 - CC message: none - ECE emissions warning lamp; off	0000	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice: - none	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the self-diagnosis.						ECE electronic engine power reduction: off     CC message: none				
ME/IO17.3. Internal CME error, signal monitoring Actual wheel The dispressic function monitors the IDME.  The dispressic function monitors the IDME.	Potential problem source(s): - Secondary fault from mixture formation - Defective DME	This fault is logged in the control module's fault memory immediately.	Voltage condition: - Onboard elect - None	- None NO	none Y	- Secondary fault from mixture formation - Defective DME	Start by repairing faults related to logged ECU fault tentency entries for mixture formation      - Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3      - CC message: none	none	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice: - none	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the self-diagnosis.						- ECE emissions warning tamp: off - ECE electronic engine power reduction: off - CO message: none				
MEVO17.2- Internal DME error, signal monthining. Coordinated	Potential problem source(s): - Secondary fault from mixture formation	This fault is logged in the control module's fault memory immediately. none				- Secondary fault from mixture formation	- Start by repairing faults related to logged ECU fault memory entries for mixture formation - Only replace the DME if the fault remains present reduction: off		Possible apparent symptoms:	Breakdown notice:	- A terminal status switch must be conducted before
BN0000 0x200F32 2101010 wheat brops implexables The diagnostic function monitors the DME.	- Defective DME	immediately. none	Voltage condition: - Onboard efect - None	- None NU	none Y	- Defective DME	continuously or if the fault frequency is greater than 3 - CC message: none  - ECE emissions warning lamp: off - ECE electronic regime power	0000	- Driver assistance systems no longer operational	- 10/16	this fault can be deleted.
	The fault is recognized by the self-diagnosis.  Potential problem source(s):						reduction: off  - CC message: none  - Start by repairing faults related to loosed ECU fault  - US emissions warning lamp; off				
NEI/01712 bittom II DME error signal monitoring Loss torque BN0002 0x00013 2191911 Internal DME error signal monitoring Loss torque The dispression monitors the DME.	- Secondary Bull from mixture formation  - Darfactive DME	This fault is logged in the control module's fault memory immediately, none none	Voltage condition: - Onboard elect - None	- None NO	none Y	- Secondary fault from mixture formation - Defective DME	memory entries for misture formation -Us electronic engine power continuously or if the fault require meaning present continuously or if the fault fequency is greater than 3 -CC message: none -ECE emissions warning lamp:	none	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice: - none	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the self-diagnosis.						- ECE electronic engine power reduction: off - CC message: none				
MEVIOT2- BR0000 0x00014 2101013 telema DME error, signal monitoring Cash, drive BR0000 0x00014 2101013 telem projection for disposals function monitors the DME	Potential problem source(s): - Secondary fault from nicture formation - Defective DME	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None NO	none	Secondary fault from mixture formation     Defective DME	Start by repairing faults related to logged ECU fault memory entries for mixture formation     Only replace the DME if the fault remains present continuously or if the fault requery is greater than 3     CC message: none	0000	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice: - none	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the						- ECE emissions warning lamp: off - ECE electronic engine power reduction: off				
MEVG17.3- Internal DME error, appart monthology Status, assist	Potential problem source(s):  - Secondary last from mixture formation for the formation of	This fault is logged in the control module's fault memory				- Secondary fault from mixture formation	reduction off  - Start by repairing faults related to logged ECU fault  - Us emissions warring lamp; off  - Us decisions exprise for mixture formation  - Only replace the DME ET the fault means present  - Collegion of  - C		Possible apparent symptoms:	Breakdown notice:	- A terminal status switch must be conducted before
NCC107 2. Document of the control spill information and the control spill information the control spill information and contro	Domaton - Defective DME	module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None NO	none Y	- Secondary fault from misture termation - Defective DME	continuously or if the fault frequency is greater than 3 - CC message: none - ECE emissions warning lamp:	none	Possible apparent symptoms: - Driver assistance systems no longer operational	Breaksown nosce:	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the self-diagnosis.  Potential problem source(s):						off  - ECE electronic engine power reduction: off  - CC message: none  - Start by repairing faults related to logged ECU fault  - US emissions warning lamp: off				
MEVOT7.2 brannel OME one, signal monitoring Status word, BND000 0x000F6 2107014 wheat trops interface implicable The dispractic function monitors the DME.	Protestinal processin scarcinols): - Secondary State from mixture formation - Defective DME	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard efect - None	- None NO	none Y	- Secondary fault from mixture formation - Defective DME	memory entries for mixture formation  - Only replace the DME if the fault remains present continuously or if the fault frequency is greater than 3  - CC message: none	none	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice: - none	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the self-diagnosis.						- ECE emissions warning lamp:  off - ECE electronic engine power reduction: off - CC message: none				
MEIOT 13.  NEWOYD	Potential problem source(s): - Secondary fault from mixture formation	This fault is logged in the control module's fault memory module's fault memory more state.	Vidage condition: , Otherwise Man	. None	none.	- Secondary fault from mixture formation - Defective DMF	Start by repairing faults related to logged ECU fault memory entries for mixture formation     Only replace the DME if the fault remains present reduction: off	pontan.	Possible apparent symptoms:  Diver assistance oveteres on inner operational	Breakdown notice:	A terminal status switch must be conducted before this fault can be releted.
BNG000 Cx200177 2197015 torque impliquides The diagnosis function montators the DME.	- Defective DME	immediately. none	Voltage condition: - Onboard efect - None	100	T I	- Defective OME	.confineposity or if the fault frequency is greater than 3 CC message: none - ECE emissions warning lamp; of - ECE electronic engine power nduction:	FESTAL	- Driver assistance systems no longer operational	- none	this fault can be deleted.
	The fault is recognized by the self-diagnosis.  Potential problem source(s):  Secondary fault from mixture	This fault is logged in the control					- CC message: none     - Start by repairing faults related to logged ECU fault     - US emissions warning lamp: off				
ME(011.3 Internal DME core regarded right membering BA0020 0,000019 2101019 Accolarator pedial implemation The diagnostic function contains the DME.	- Secondary Sulf from mixture formation - Defective DME	This fault is logged in the control models' fault memory immediately, none immediately, none	Voltage condition: - Onboard efect - None	- None NO	none Y	Secondary fault from mixture formation     Defective DME	Coly replace the DME if the fault remains present reduction: off continuously or if the fault frequency is greater than 3     CC message: none     ECE emissions warming lamp:	5000	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice: - none	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the self-diagnosis.						off - ECE electronic engine power reduction: off - CC message: none				
MEVIOT2-3- INCOMO 0-000FFFF 21010TO Action wheat though amountaining The diagnosite function monitors the DME.	Potential problem source(s): - Secondary fault from mixture formation - Defective DME	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard efect - None	-None NO	none Y	- Secondary fault from mixture formation - Defective DME	- Start by repairing faults related to logged ECU fault memory entries for mixture formation - Chyl replace the DME! the fault remains present continuously or if the fault frequency is greater than 3 - CC message: none	none	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice: - none	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the						- ECE emissions warning lamp: off - ECE electronic engine power reduction: off - CC missiage: none				
	self-diagnosis.						- CC message: none				
		I	Voltage condition: - Onboard elect								

	The fault is recognized by the self-diagnosis.						- ECE emissions warning lamp: off - ECE electronic engine power resultation: off - CC message: none				
MEVIOTIZ- BROODS Chapter 1 201505 Internal DIAC error expended agree monitoring Loss The diagnostic function monitors the DIAC.	Potential problem source(s):	This fault is logged in the control module's fault memory immediately, none	Voltage condition: - Onboard elect - None	- None NO	nome Y	- Secondary fault from mixture formation - Defective DME	- Start by repairing faults related to logged ECU fault memory entries for miniture formation Only replace the DME file flault insemains present continuously of if the fault frequency is greater than 3 - CO missage; rone	none	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice:	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the self-diagnosis.						- ECE emissions warning lamp: off  - ECE electronic engine power reduction: off  - CC message: none - CC message: none				
MISCROTT 2- ISSC000 Gn.000792 2101000 Can dive train, implicable The diagnostic function monitors the DME.	Potential problem source(s): - Secondary fault from minture formation - Oeficitive DME	This fault is logged in the control module's fault memory immediately, none	Voltage condition: - Onboard steet - None	- None NO	none Y	- Secondary fault from mixture formation - Defective DME	- Start by repairing faults related to logged ECU fault memory entries for ministre formation - Only replace the DME if the fault remains present continuously of the fault frequency is greater than 3 - Commessage: name	none	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice:	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the						ECE emissions warning lamp:     off     ECE electronic engine power     reduction. off				
MSC(10172 - 10000000 Co.00000000 21010000 Co.000000000 Co.0000000000000000000	self-diagnosis.  Potential problem source(s): - Secondary faut from mixture formation - Defective DME	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None NO	none Y	- Secondary fault from mixture formation - Defective DME	- Start by repairing faults related to logged ECU fault  memory entries for miscure formation  - Chry replace the DME If the fault remains present  continuously of Ifte Bulls flequency greater than 3  - CD message: none	none	Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice:	A terminal status switch must be conducted before this fault can be deleted.
	The fault is recognized by the self-diagnosis.						- ECE emissions warning lamp: off - ECE electronic engine power reduction: off				
MSC/017.5 Internal DBF errir expanded upper frontiering Special Specia	Potential noblem source(s):	This fault is logged in the control module's fault memory immediately.	Voltage condition: - Onboard electi - None	, None	one V	- Secondary fault from mixture formation - Defective DME	- Start by repairing faults related to logged ECU faut - Use missions warring lamp; off memory services for miniture formation - Only replace the DME if the fault remains present continuously of the fault frequency is greater than 3 - CC message: none	nne	Possible apparent symptoms:  - Driver assistance systems no longer operational	Breakdown notice:	A terminal status switch must be conducted before this fault can be detend.
	The fault is recognized by the						- ECE emissions warning lamp: off - ECE electronic engine power reduction: off				
MEV0172- BN0000 (0x00095) 2101000 Esymbol grap proparable The diagnostic function monitors the DME	self-diagnosis.  Potential problem source(s): - Secondary faut from mixture formation - Defective DME	This fault is logged in the control module's fault memory	Voltage condition: - Onboard elect! - None	None NO		- Secondary fault from mixture formation - Defective DME	- Start by repairing faults related to logged ECU fault memory entries for mixture formation - Only replace the DME if the fault remains present reduction: off reduction: off		Possible apparent symptoms: - Driver assistance systems no jonger operational	Breakdown notice:	A terminal status switch must be conducted before this fault can be deleted.
	- Contractor Contractor	The state of the s	Transport Stransport S	TAXABLE PROPERTY OF THE PROPER	Crown.	- Destation Comm.	continuously or if the fault frequency is greater than 3 . CC message: none . ECE emissions warning large . ECE emissions warning large . ECE edications engine power readuction.	150.0 00	- Correct manufacture of years and configurations		THE HOUSE CALL ON COMMISSION
MECHT 2 .	The fault is recognized by the self-diagnosis.  Potential problem source(s):  - OME desictive.	This fault is logged in the control modula's fault memory immediately. none	Voltage condition: - Onboard electi - None	None MG		- DME defective	- Conversage: none - US emissions warring large: off - Cety replace the DME if the fault remains present continuously or if the fault frequency is greater than 3 - Conversage: none		Possible apparent symptoms: - Loss of power - Speed limitation	Breakdown notice:  - It is possible to continue driving the vehicle, but assing maneuvers should not be attempted owing reduction in engine output.	to - A terminal status switch must be conducted before this fault can be deleted.
BOCCCO Bo200700 2010000. Engine surroug status implementes: MANA.	The fault is recognized by the	TERROGRAPY. 16079	Transpir Construct Construct to total - Total	TAXAB	(Maria	* Loren. Gallerative	- ECE emissions warning large:  - ECE eduction is engine power reduction of meaning the power reduction of meaning the power reduction of meaning the power reduction of the power redu	SAA W	- превой изтемьют	TRANSMINIST IN TERRETOR SAMPLES	gran open sain on Salmonio
MEVO172- Internal CME faut, appail monitoring Rear and	self-diagnosis.  Potential problem source(s):  - Secondary taut from mixture formation	This fault is logged in the control module's fault memory				- Secondary fault from mixture formation	Start by repairing faults related to logged ECU fault memory varies for mixture formation     Only replace the DME if the fault memoirs present reduction: off reducti		Possible apparent symptoms:	Breakdown notice:	A terminal status switch must be conducted before
800000 Cx00977 2101031 constated speed impeasible The diagnosis function monitors the DME	- Defective DME The fault is recognized by the	immodiately. none	Voltage condition: - Onboard elect - None	- Pount	TECHNI T	- Defective DME	continuously or if the fault frequency is greater than 3 . CC message: none  - ECE enrisolons warning large  - ECE electronic regime power  - reduction. Company power  -	SULT NO.	- Driver assistance systems no longer operational	-1016	this fault can be deleted.
MEVO172- Internal DNE laufs agrait monitoring desired	self-dagnosia.  Potential problem source(s): - Secondary fault from mixture formation - Underdev DME	This fault is logged in the control module's fault memory immediately, none				- Secondary fault from mixture formation	Start by repairing faults related to logged ECU fault memory entries for ministre formation Only replace for MER if the fault termains present reduction: off		Possible apparent symptoms:	Breakdown notice:	A terminal status switch must be conducted before
SPC000 Cn000728 2101032 develop of tryon Employables The diagnosis function montes in a DME.	The fault is recognized by the	Trimboadoy. Porte	Voltage condition: - Onboard elect - None	- runs	Tricons I T	- Defective DME	continuously or if the fault frequency is greater than 3CC message, noneCC message, none ofCC emissions warning large, offCCE electronic engine power reaction; off reaction; off	SUTIN	- Driver assistance systems no longer operational	-1016	this fault can be deleted.
MENOTO: GLOSOFIE 2 STORE AND ARTHUR DATE (But, signation concluding ungine status  The discretisf-function monitors the DATE.	self-diagnosis.  Potential problem source(s):  - Secondary faut from mixture formation - Oractive DME	This fault is logged in the control module's fault memory immediately.				- Secondary fault from mixture formation	Start by repairing faults related to logged ECU fault - US emissions warning lamp; off - US emissions warning lamp; off - US electronic engine power reduction: off re		Possible apparent symptoms:	Breakdown notice:	A terminal status switch must be conducted before
BR0000 0x00709 2101033 impassable The diagonals function monitors the DME	- Unractive Link: The fault is recognized by the	mmesatey. Fore	Voltage condition: - Onboard elect - None	- Rone MC	nome IY	- Defective DME	continuously or if the fault frequency is greater than 3 . CC message: none . ECE emissions warning large of . ECE emissions warning large of . ECE extraoric engine power read-ction.	2008	- Driver assistance systems no longer operational	- none	this fault can be deleted.
MEVOT72. Viteraal ONE Each, signal monthoring status of power	self-diagnosis.  Potential problem source(s):  - Secondary fault from mixture formation	This fault is logged in the control module's fault memory income the control of t	Neilbon condition: Cohonel than Man	None NO		- Secondary fault from mixture formation	- CC message: none     - Start by repairing faults related to logged ECU fault memory entries for mixture formation     - Only replace the DME if the fault memains present		Possible apparent symptoms:	Breakdown notice:	A terminal status switch must be conducted before this first one ho distant.
BR0000 Cx08072A 2191934. Inspension of the tran implemedate The diagnosis function monitors the DME.	- Defective DME The fault is reconnized by the	immediately. none	Voltage condition: - Onboard elect - None	- Potentia	FECON Y	- Defective DME	continuously or if the fault frequency is greater than 3 . CC message: none  - ECE emissions warning large:  - ECE electronic engine power reaction. Core	TEAT NO	- Driver assistance systems no longer operational	- FILTINE	this fault can be deleted.
MEVO172- BR0000 0x-000FEB 2101005 axis are available four, expanded signal monitoring filear and expanded signal monitoring filear and expanded signal monitoring filear and expanded file file file file file file file file	The faul it is recognized by the self-diagnosis.  Potential problem source(b):  - Secondary Parties  - Defective Date of source (b):  - Defective Date of source (b):  - Defective Date of source (b):  - Defective Date (b):	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - None			- Secondary fault from mixture formation	- Start by repairing faults related to logged ECU fault memory entiries for ministre formation memory entiries for ministre formation - Only replace to DME! If the fault remains present reduction: off		Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice:	A terminal status switch must be conducted before
	The fault is reconnized by the	immediately. none	Transpir Landston - Canada o Malo - Trans	1000	(TANNA	- Defective DME	ECE emissions warning lamp:     off     ECE electronic engine power reduction.	SAM W	- united management of granted has transper Open movies	-1016	this fault can be deleted.
MEVOT72- Internal CME fault, expanded signal monitoring:	self-diagnosis.  Potential problem source(s): - Secondary that from minhare somation.	This fault is logged in the control modulat's fault memory				- Secondary fault from mixture formation	Start by repairing faults related to logged ECU fault memory entries for ministre formation Only replace for MER first fault termains present reduction: off		Possible apparent symptoms:	Breakdown notice:	- A terminal status switch must be conducted before
BR0000 0x20072C 2101058. despired direction of travel implicability. The diagonals function monitors the DME.	- Defective DME  The fault is recommend for the	immediately. nome	Voltage condition: - Onboard elect - None	- Acone NCO	none IV	- Defective DME	continuously or if the fault frequency is greater than 3	cons	- Driver assistance systems no longer operational	- none	this fault can be deleted.
MSCR012 BOOKS GOODS 120007 Internal CREE for A covaried digital monolating segmentation represents. The diagnostic function monitors the DAIL.	The faul it is recognized by the self-diagnosis.  Potential problem source(b):  - Secondary-motion instance  - Defection (Date of the Control	This fault is logged in the control module's fault memory				- Secondary fault from mixture formation	- Start by repairing faults related to logged ECU fault memory entiries for ministre formation - Only replace to DME! the fault remains present reduction: off reduction:		Possible apparent symptoms: - Driver assistance systems no longer operational	Breakdown notice:	The following conditions can lead to an incorrect diagnosis: Battery change or defective battery Engline heated by secondary source, such as auxiliary heater.
BR0000 0x00720 120107 ergra state improsite. The degrade fundam mortes in a DME	The fault is recognized by the	immediately. none	Voltage condition: - Onboard elect - None	- Pount	TREAM Y	- Defective DME	continuously or if the fault frequency is greater than 3 - CC message; none - ECE emissions warning lamp; - ECE electronic engine power reduction. of if	SULTEN.	- Univer assistance systems no longer operational	- 76396	- Sensor frozen
MEX/CIT2. Internal CRAF East, expanded signal monitoring.	self-diagnosis.  Potential problem source(s):  - Secondary fault from mixture formation	This fault is logged in the control module's fault manney immediately. none	Nellon coeffice: Cohored the Man	None NO		- Secondary fault from mixture formation	Start by repairing faults related to logged ECU fault memory varies for miduse formation     Only repair to DME if the fault memains present		Possible apparent symptoms:	Breakdown notice:	A terminal status switch must be conducted before this first one ho distant.
BR0000 Cx0077E 2101038, dather of power tresumission drive term replacables. The diagnosis function monitors the DME.	- Defective DME  The fault is recognized when the calculation of milage remaining	rimedately. Porte	Voltage condition: - Orboard elect - None	- Potentia	TOWN Y	- Defective DME	continuously or if the fault frequency is greater than 3 - CC message: none  - ECE entisions warning large:  - ECE extraoric regime power  - ECE electronic regime power	TEAT NO	- Driver assistance systems no longer operational	- FILTINE	this fault can be deleted.
MEVG172- The diagnosite function monitors calculation of	in the engine of service inforval urses a deflault value. Potential problem source(s): - Defective oil level sersor					- Defective oil level sensor	- CC message: none     - US emissions woming lamp: off     - US electronic engine power     reduction of oil level sensor		Possible apparent symptoms:	Breakdown notice: Take vehicle to service facility within remaining	The diagnostic fault code can only be deleted once the oil level sensor is again fully operational.
80/2020 0x2011064 2101252 CSS client output of substitute value milege remaining in the engine oil service internal.	Error in calculating CBS data     The fault is recognized when the	none Terminal 15	Voltage condition: - Onboard elect - None		, and the second	- Error in calculating CBS data	Replace all level sensor     CC message: none     ECE entissions warning large     C     ECE entissions warning large     C     ECE electronic engine power     reduction.	FESTINE	None	menge was waited as some selfision checked.	онн не него женайст в идент шку орагаволах.
MEVG172. The diagnosis function monitors whether a jump in	availability makea implausible jumpa within a driving cycle. Potential problem source(s): - Tamparing with system		Voltage condition: Only 11 to 1	Mona		- Tampering with system  From in poles define CPS date.	reduction off  - Comessage: none  - US emissions warring large: off - US electronic regine power  wascastor, off		Possible apparent symptoms:	Breakdown nośce:	
800000 Bottilde 201596 CRS dest additionly jump the evaluability has been place.	- Error in calculating CBS data	none Terminal 15	Voltage condition: - Onboard elect - None	NO.	TANAMA IY	- Error in calculating CBS data	- Conduct CBS system test - CC message: none  ECE: - ECE emissions warning lamp: off - ECE electronic rendre cover	nc0à	None	None	ricatili .
	The fast is recopilized when a hardware fault is present in the CAN controller. Potential problem source(s):	This fault is logged in the control modulate fault measures					reduction: off - CC message; mone MY 10 US: - US emissions warring lamp: on - US electron; enroline opwer		Possible apparent symptoms:  - No tachometer dispilay in the instrument cluster  - Brief rpm drop when HHA automatic climate control	g-aldress	
ME(ICIT 2 - The diagnosis: function monitors the CAN controller in P100C Can Biss Hardware Defective CAN Biss Biol Control Can Biss Hardware Defective CAN Biss Biol Can Biss Hardware Defective CAN Biss Biol Can Biss Biol Can	Potertial problem source(s):  Hardware - DME defective	module's fault memory immediately. Terminal 15	Voltage condition: - Onboard efect - None	- None NO	CAN controller status N	- DME defective	- Replace DME - reaction of - CC message on - ECE - ECE emissions awaring lamp: of of	none	Brief rpm drop when IHKA automatic climate control is activated at idle	Breakdown notice: None	None
	The fault is recognized when a hardware fault is present in the FlasSay controller.						- ECE electronic engine power reduction: off - CC message: none MY10 US: - US emission warning larno: on				
MSC017.3. The diagnosis function revision is CAN controller in P10000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Facility Dec CAN controller in P1000 Pleafley Inspirence Calendree Fac	Potential problem source(s): Hardware - DME date(sive	This fault is logged in the control module's fault memory immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	FleeRay controller status N	- DME defective	Us deschronic engine power reduction. Or reduction.     Replace DME	none	Possible apparent symptoms: - DSC Failure - Cruise control failure	Breakdown notice: None	None
	The fault is detected by the						- ECE electronic engine power reduction: off  - CC message: none				
			Voltage condition: - Onboard elect								

		The fault is recognized when the specified and actual rotation speeds of the electric water						- ECE emissions warning lamp: off			
		pump fail to match.					Check mixture ratio of coolant and inspect for contamination     Bleed air from cooling system	ECE electronic engine power reduction: off     CC message: on			Observe sequence for fault rectification:
		Potential problem source(s):  - Air in the cooling system  - Defect in wiring harness to The diagnostic fault code is				- Air in the cooling system	<ul> <li>Transmit activation voltage to water pump and evaluate operation with visual inspection at the expansion tank</li> </ul>	- US emissions warning lamp: off - US electronic engine power	Possible apparent symptoms:		<ul> <li>If the pump is activated at TMOT&gt;90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 "Water pump: rotation speed implausible" can be logged,</li> </ul>
MEVD17.2- BN2020 0x20A701 2199905 Costant pump, speed deviation: outside tolerance the electric water pump. P1500	Coolant Pump RPM Out of Range	water pump logged when the fault remains - Defective water pump present for longer than 1 min.	none Voltage condition: - Onb	pard elect - Engine warmed to normal tempera - None	Yes (2F) (60BF) Activation at 100% none	- Defect in wiring harness to water pump - Defective water pump - Defective water pump	Check wiring harness between water pump and DME     Replace water pump	reduction: off - CC message: on	CC message if engine becomes too hot, breakdou none extreme cases	in Breakdown notice: None	ignore this fault and delete it → Carry out tester job at Tmot<90°C
		The fault is recognized when the temperature of the water pump's						- ECE emissions warning lamp: off			
		electronics is >136 °C. A power reduction is entered.					<ul> <li>Continue testing with test modules focusing on problems with the electric fan and the thermostat</li> <li>Start engine, set heart to maximum output, allow to run for 5 minutes and the check to determine whether</li> </ul>	ECE electronic engine power reduction: off     CC message: on			Observe sequence for fault rectification:
		Potential problem source(s): - Electric fan defective - Coolant thermostat defective The diagnostic fault code is				Electric fan defective     Coolant thermostat defective	. If the diagnostic fault code has been logged again	- US emissions warning lamp: off - US electronic engine power	Possibile apparent symptoms:		- If the pump is activated at TMOT>90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08. Water
MEVD17.2- BN2020 0L20A801 2140161 Coolant pump, deachvalon: internal temperature too The diagnostic function monitors the temperature of the electric water pump's electronics. P1501	olant Pump Cut-Off, Internal Temperature Too High	Coolant thermostat defective     Insufficient coolant logged when the fault remains     Defective water pump present for longer than 1 min.	none Voltage condition: - Onbe	pard efect - None - None	Yes (2F) (60BF) none	Coolant thermostat defective     Insufficient coolant     Defective water pump	despite correct engine temperature replace the water pump	reduction: off - CC message: on	Possible apparent symptoms: CC message if engine becomes too hot, breakdow none extreme cases	in in Breakdown notice: None	pump: rotation speed implausible' can be logged, ignore this fault and delete it -> Carry out tester job at Tmot<50°C
		The fault is recognized when the					Continue test routine with test modules that deal with problems related to voltage in onboard electrical	- ECE emissions warning lamp: off			
		electric water pump deactivates as a result of overvoltage.					problems related to voltage in onboard electrical system - Start engine, set heat to maximum output, allow to run for one minute and the check to determine	ECE electronic engine power reduction: off     CC message: on			Observe sequence for fault rectification:
		Potential problem source(s): - Jump-start with 24 V battery - Problem with electrical system The diagnostic fault code is				- Jump-start with 24 V battery	whether the diagnostic fault code has been logged again  - If the diagnostic fault code continues to appear	- US emissions warning lamp: off - US electronic engine power	Possible apparent symptoms:		<ul> <li>If the pump is activated at TMOT&gt;90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 "Water pump: rotation speed implausible" can be logged,</li> </ul>
MEVO17.2- BNXXXXI 0x20A802 2140162 Coolant pump, shutdown: Overvoltage detected votage to the electric water pump. P1502	Coolant Pump Cut-Off, Overvoltage	voltage logged when the fault remains - Defective water pump present for longer than 1 min.	none Voltage condition: - Onto	nard efect - None - None	Yes (2F) (60BF) none	Problem with electrical system voltage     Defective water pump	despite correct electrical system voltage replace the water pump	reduction: off - CC message: on	CC message if engine becomes too hot, breakdov none extreme cases	in in Breakdown notice: None	ignore this fault and delete it → Carry out tester job at Tmot<90°C
		The fault is recognized when the electric water pump deactivates						- ECE emissions warning lamp: off			
		in response to recognized seizure.						- ECE electronic engine power reduction: off - CC message: on			Observe sequence for fault rectification:  - If the pump is activated at TMOT>90 °C as tester job
		Potential problem source(s): - Foreign matter/contamination in coolant The diagnostic fault code is				- Foreign matter/contamination in coolant	Execute operational check     Check coolant mixture ratio     Check water pump and coolant for foreign	- US emissions warning lamp: off - US electronic engine power	Possible apparent symptoms:		
MEV017.2- BN2020 0x20A864 2140164 Coolant pump, shutdown: Pump blocked gump for microharical seizure. PH503	Coolant Pump Cut-Off, Overcurrent	in coolant  - Incorrect coolant mixture ratio  - Defective water pump  present for longer than 1 min.	none Voltage condition: - Onb	pard efect - None - None	Yes (2F) (608F) Activation at 100% none	Incorrect coolant mixture ratio     Defective water pump	matteriobjects - Replace water pump	reduction: off - CC message: on	CC message if engine becomes too hot, breakdov none extreme cases	in in Breakdown notice: None	pump: rotation speed implausible' can be logged, ignore this fault and delete it -> Carry out tester job at Tmot<90°C
								ECE emissions warning lamp:     off     ECE electronic engine power			
		The fault is recognized when the electric water pump recognizes cavitation.						reduction: off - CC message: on			Observe sequence for fault rectification:
		Potential problem source(s): - Coolant loss, leak in cooling The diagnostic fault code is					Check cooling system for leaks     Refit and then bleed cooling system as indicated     If the fault continues to appear although the cooling	- US emissions warning lamp: off - US electronic engine power	Possible apparent symptoms:		<ul> <li>If the pump is activated at TMOT&gt;90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 "Water pump: rotation speed implausible" can be logged,</li> </ul>
MEVICHT2- BNI2000 0x20A001 2x40417 Collant pump, operation with reduced output: Dry The diagnostic function monitors the electric water pump for cavitation. P1504	Coolant Pump Dry Run	system logged when the fault remains - Air in the cooling system present for longer than 1 min.	none Voltage condition: - Onb	pard elect - None - None	Yes (2F) (60BF) none	- Coolant loss, leak in cooling system - Air in the cooling system	system is bled and no leaks are present, replace the water pump.	reduction: off - CC message: on	CC message if engine becomes too hot, breakdow none extreme cases	in Breakdown notice: None	ignore this fault and delete it → Carry out tester job at Tmot<90°C
		The fault is recognized when the voltage is <10 V.					Continue test routine with test modules that deal with problems related to voltage in onboard electrical	ECE emissions warming lamp:     off     ECE electronic engine power			
		Potential problem source(s):					system - Start engine, set heat to maximum output, allow to	- ECE electronic engine power reduction: off - CC message: on			Observe sequence for fault redification:
		Battery charge status or electrical system voltage is not OK     The diagnostic fault code is				- Battery charge status or electrical system voltage in not OK	run for one minute and the check to determine whether the diagnostic fault code has been logged again - If the fault continues to appear despite correct	- US emissions warning lamp: off - US electronic engine power	Possible apparent symptoms:		<ul> <li>If the pump is activated at TMOT&gt;90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 "Water pump: rotation speed implausible" can be logged,</li> </ul>
MEVOT12 - Coolant pump, operation with reduced output: The diagnosale function monitors the power-apply 800000 GuidbARD2 2140418 Undervoltage detected visiting to the electric water pump. P1505	Coolant Pump Undervoltage	Defective wring harness logged when the fault remains present for longer than 1 min.	none Voltage condition: - Onbe	sard efect - None - None	Yes (2F) (60BF) none	- Defective wiring harness Y - Defective water pump	If the fault continues to appear despite correct electrical system voltage replace the water pump	reduction: off - CC message: on	CC message if engine becomes too hot, breakdov extreme cases	in Breakdown notice: None	ignore this fault and delete it → Carry out tester job at Tmot<90°C
		The fault is recognized when the temperature of the water pump's electronics is >133 °C. A power					Continue testing with test modules focusing on	ECE emissions warning lamp:     off     ECE electronic engine power			
		reduction is entered.  Potential problem source(s):					problems with the electric fan and the thermostat  - Start engine, set heat to maximum output, allow to not for 5 minutes and the check to determine whether	reduction: off  - CC message: on			Observe sequence for fault rectification:  - If the pume is activated at TMOT>50 °C as tester job
MEV017.2- Coolant journey, power-reduced operation: temperature The diagnostic function monitors the temperature of		- Electric fan defective - Coolant thermostet defective - Insufficient coolant logged when the fault remains				Electric fain deflective     Coolant thermostat defective     Insufficient coolant	run tot is minutes and the check to determine whether the diagnostic fault code has been logged again - If the diagnostic fault code continues to appear despite correct engine temperature replace the water	US emissions warning lamp: off     US electronic engine power reduction: off	Possible apparent symptoms: CC message if engine becomes too hot, breakdov	ın in Breakdown notice:	<ul> <li>If the pump is activated at IMD1&gt;90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 °Water pump: rotation speed implausible* can be logged, ignore this fault and delete it -&gt; Carry out tester job at</li> </ul>
Ne-CVT/12- BR0000 Gr20A004 2:404.20 Einst secreded the first 1 exceeded the major from the subjective of the deglicities function months the temperature of the deglicities function months and the deglicities function months are the deglicities function months and the deglicities function months are the deglicities function months and the deglicities function months are the deglicities function month	lant Pump Temperature Threshold 1 Exceeded	- Defective water pump present for longer than 1 min.	none Voltage condition: - Onb	pard elect - None - None	Yes (2F) (80BF) none	N - Insufficient cociaer  Defective water pump	despite correct engine temperature reprace the water pump	- CC message: on	none CC message if engine becomes too not, breakbov extreme cases	in in Breakdown notice: None	ignore this fault and delete it → Carry out tester job at Tmot<90°C
		The fault is recognized when the temperature of the water pump's electronics is >133 °C. A power					- Continue testing with test modules focusing on	ECE emissions warning lamp:     off     ECE electronic engine power			
		reduction is entered.  Potential problem source(s):					problems with the electric fan and the thermostat - Start engine, set heat to maximum output, allow to run for 5 minutes and the check to determine whether	reduction: off - CC message: on			Observe sequence for fault rectification:  - If the ourso is activated at TMOT>90 °C as tester lob
MEVD17.2- Coolant pump, power-reduced operation: temperature		Electric fan defective     Coolant thermostat defective     Insufficient coolant     Insufficient coolant     Insufficient coolant     Insufficient coolant     Insufficient coolant     Insufficient coolant     Insufficient coolant				- Electric fan defective - Coolant thermostat defective - Insufficient coolant	the diagnostic fault code has been logged again  If the diagnostic fault code continues to appear despite correct engine temperature replace the water	- US emissions warning lamp: off - US electronic engine power reduction: off	Possible apparent symptoms: CC message if engine becomes too hot, breakdov	en in Breakdown notice:	- If the pump is activated at TMDT-90 °C as tester job the diagnostic fault code 0x392 or 0x20A008 'Water pump: rotation speed implausible' can be logged, ignore this fault and delete it — Carry out tester job at
	lant Pump Temperature Threshold 2 Exceeded	- Insurrounic Column  Defective water pump present for longer than 1 min.  The fault is recognized when the water pump fails to respond to	none Voltage condition: - Onb	pard elect - None - None	Yes (2F) (60BF) none	Y - Influential Codules  - Defective water pump	pump	- CC message: on	none extreme coses	None None	Track-90°C
		water pump fails to respond to communications from the DME for roughly 15 sec.						ECE emissions warning lamp:     off     ECE electronic engine power			
		Potential problem source(s): - Defect in wiling harness					- Check fault memories of other components on BSD	reduction: off - CC message: none			Observe sequence for fault rectification  - If the pump is activated by tester job at TMOT>90 °C
MEVD17.2- The diagnosis function monitors BSD bus		- Communications problem on BSD bus logged when the fault remains				Defect in wiring harmess between water pump and DME     Communications problem on BSD bus	- Check wiring harness between water pump and DME - Conduct system test	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms: Breakdown in extreme cases, electric water pur	mp Breakdown notice:	then the diagnostic fault code 0x3792 or 0x20AD08 'water pump: rotation speed implausible' can be logged, ignore this fault and delete it -> Carry out
BNQ000 0x254009 2140425 BSD message from electric coolent pump; missing communications with the electric water pump.		Electric water pump defective present for longer than 1 min.  The fault is recognized when the	Terminal 15 Voltage condition: - Onb	serd efect - None - None	Yes (2F) (80BF) Activation at 100% none	N - Electric water pump defective	- Consuct system less - Replace water pump	- CC message: none	none stops operating - engine overheats	None None	tester job at Tmot-90°C
		electric water pump fails to respond to BSD bus messages from the DME.						ECE emissions warning lamp:     off     ECE electronic engine power			
		Potential problem source(s): - Defect in wiring harness to					Continue test routine with test modules that deal with problems related to voltage in onboard electrical	reduction: off - CC message: on			Observe sequence for fault recification:  - If the pump is activated at TMOT>10 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 °Water
MEVD17.2- The diagnosis function monitors BSD bus		- Communications problem on The diagnostic fault code is BSD bus logged when the fault remains				Defect in wiring harness to water pump     Communications problem on BSD bus	- Check wiring harness between water pump and DME - Conduct tester job	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms: Breakdown in extreme cases, electric water pur	mp Breakdown notice:	ignore this fault and delete it -> Carry out tester job at
BN2020 0x20AAA4 2x46676 Coolant pump, communication; mailunction communications with the electric water pump. U1170	Coolant Pump Communication Error	- Defective water pump present for longer than 1 min.  The fault is recognized when no	Terminal 15 Voltage condition: - Onb	sand elect - None - None	Yes, 0x2F60BF03_STEUERN_EW/none	N - Defective water pump	- Replace water pump	- CC message: on	none stops operating - engine overheats	None	Tmot<90°C
		voltage level is present at the emergency default input terminal of the water pump.						ECE emissions warning tamp:     off     ECE electronic engine power     reduction: off			
		Potential problem source(s): - Defect in wiring harmess to					- Continue test routine with test modules that deal with	- CC message: none			Observe sequence for fault rectification: - If the pump is activated at TMOT>90 °C as tester job
MEVD17.2- Coolant pump, emergency operation input: No the electric water pump's emergency backup input		- Communications problem on BSD bus logged when the fault remains				Defect in wiring harness to water pump     Communications problem on BSD bus	problems related to voltage in onboard electrical system - Check wiring harness between water pump and DME	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms:	Breakdown notice:	the diagnostic fault code 0x3792 or 0x20AD08. *Water pump: rotation speed implausible" can be logged, ignore this fault and delete it → Carry out tester job at
BK0000 0x00A898 2140996 voltage terminal		Defective water pump present for longer than 1 min.  The fault is recognized when no voltage level is present at the	Terminal 15 Voltage condition: - Onb	sard elect - None - None	NO none	N - Defective water pump	- Replace water pump	- CC message: none  - ECE emissions warning lamp:	none None	None	Tmol<90°C
		emergency default input terminal of the water pump.						off - ECE electronic engine power reduction: off			
		Potential problem source(s): - Defect in wiring harness to water pump					- Continue test routine with test modules that deal with	- CC message: none - US emissions warning lamp: off			Observe sequence for fault recification:  If the pump is activated at TMOT>90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 *Water
MEVOT7.2- Coolant pump, hardware input: status, limp-home the electric water pump's emergency backup input		- Communications problem on The diagnostic fault code is BSD bus logged when the fault remains				Defect in wiring harmess to water pump     Communications problem on BSD bus	problems related to voltage in onboard electrical system - Check wiring harness between water pump and DME	- US electronic engine power reduction: off	Possible apparent symptoms:	Breakdown notice:	pump: rotation speed implausible' can be logged, ignore this fault and delete it -> Carry out tester job at
BN20200 0x20A-Q8 2141192 input, implausible terminal		- Defective water pump present for longer than 1 min.  The fault is recognized when the	Terminal 15 Voltage condition: - Onb	and sauge - recine - recine	NO INCHE	N - Defective water pump	- Replace water pump	- CC message: none  - ECE emissions warning lamp:	SUM PATRIC	None	Tmot<90°C
		specified and actual rotation speeds of the electric water pump fail to match.					Check mixture ratio of coolant and inspect for contamination	off - ECE electronic engine power reduction: off			
		Potential problem source(s):  - Air in the cooling system					contamination  - Bleed air from cooling system  - Transmit activation voltage to water pump and evaluate operation with visual inspection at the	- CC message: on - US emissions warning lamp: off			Observe sequence for fault rectification:  If the pump is activated at TMOT>90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 'Water
MEVD17.2- BN0000 0x20M008 2141448 Coolent pump: speed implexable the electric water pump. The diagnostic function monitors the initiation speed of the electric water pump.		Defect in wiring harmess to     water pump logged when the fault remains     Defective water pump present for longer than 1 min.	none Wateren condition: Con-	oard electr - Engine warmed to normal tempery - None	Yes (2F) (60BF) Activation at 100% none	- Air in the cooling system     - Defect in wiring harness to water pump     - Defective water pump	expansion tank - Check witing harness between water pump and DME - Replace water pump	- US electronic engine power reduction: off - CC message: on	Possible apparent symptoms: CC message if engine becomes too hot, breakdow none extreme cases	in Breakdown notice: None	pump: rotation speed implausible can be logged, ignore this fault and delete it — Carry out tester job at Tmot<90°C
		The second second second second second		TAKE		- Separating mans party	- Aller	- ECE emissions warning lamp:			
		The fault is recognized when more than 15 gear changes						off - ECE electronic engine power reduction: off			
		without clutch activation are detected.						- CC message: none - US emissions warning lamp: off			
MEVOT7.2 BN0000 0x208A00 2144800 Clutch switch, signal on signal The diagnostic function monitors the clutch switch.		Potential problem source(s): - Defective wiring harness - Clutch switch defective  This fault is logged in the control module's fault memory immediately.	none Voltage condition: - Onbe	pard elect - None - Time between gearshifts at	east NO none	- Defective wiring harness N - Clutch switch defective	Check wiring harness between DME and clutch switch     Replace clutch switch	- US electronic engine power reduction: off - CC message: none	Possible apparent symptoms: None None	Breakdown notice: None	None
		The fault is recognized by complex self-diagnosis routines						- ECE emissions warning lamp:			
		compex set-diagnosis routines in the regulator and transmitted to the DME via the BSD bus.					Check positive wire for correct installation     Check remark wire for correct installation	ECE electronic engine power reduction: off			
		Potential problem source(s): - Positive wire not correctly				. Prolitive wire not connected to hattery	Check ground wire for correct installation     Check alternator     Fault frequency = 1: If the IMIB is available, perform an efformator feet (If on IMIB is available, delete).	- CC message: on			
MEVD17.2- The diagnostic function monitors whether the	Supplied State Sta	connected to battery Ground not correctly connected Defective regulator  Defective regulator				- Ground not connectly connected  - Defective regulator	an alternator test / if no IMIB is available, delete stored fault codes from control module fault memory and do not perform any other actions Fault frequency	US emissions warning lamp: off     US electronic engine power     reduction: off	Possible apparent symptoms: - Charge indicator lamp lights up	Breakdown notice:	Can occur during vehicle servicing when external
BK2000 0x210001 216001 Alternator, electric malfunction	Generator Control Circuit	- Alternator defect present for longer than 1 min.  The fault is recognized when the	none Voltage condition: - Onb	pard sect - None - None	NO Activation conditions: 0x4614	: Alte N - Alternator defect	> 1: Replace alternator	- CC message: on	none - Breakdown in extreme cases	None	power source is connected, etc.
		actual voltage of the onboard electrical system is below the						- ECE emissions warning lamp: off			
		specified voltage.  Potential problem source(s):						- ECE electronic engine power reduction: off			
		Positive wire not correctly connected to battery     Ground not correctly connected				Positive wire not correctly connected to battery     Ground not correctly connected     Defective battery	Check positive wire for correct installation     Check ground wire for correct installation	- CC message: on - US emissions warning lamp: off			
The diagnosis hundron motions the voltage of the orbital discription motions the voltage of the orbital discription in the voltage of the orbital discription and compress it with the BR0000 0x210001 2x65457 Alternator, plausibility, electric; calculated specifical streament voltage.	Generator Electrical Error Calculated	Detective pattery	none Voltage condition: - Onbi	card elect - None - None	NO Activation conditions: 0x4614	- Defective regulator	Check battery     If the IMIB is available, perform an alternator test     If no IMIB is available, reptace alternator	- US electronic engine power reduction: off - CC message: on	Possible apparent symptoms: - Charge indicator lamp lights up none - Breakdown in extreme cases	Breakdown notice: None	Can occur during whicle servicing when external power source is connected, etc.
		The fault is recognized by temperature measurement in the regulator and transmitted to the						- ECE emissions warning lamp: off			
		DME via the BSD bus.						- ECE electronic engine power reduction: off			If no other faulty winhed to the off-
		Potential problem source(s): - Alternator dirty - Airflow to alternator obstructed				- Alternator dirty	- Inspect alternator for unobstructed air current - If the IMIB is available, perform an alternator test	- CC message: none - US emissions warning lamp: off			If no other faults related to the alternator have been logged, do not replace the alternator. This fault only indicates that the alternator's thermal
MEVD17.2 BN0020 0x210401 2165713 Alternative interperature: eventemperature eventemperature eventemperature.	Genetator Over Temperature	- Thermal overload from The diagnostic fault code is unfavorable driving profile logged when the fault remains possible present for longer than 1 min.	none Voltage condition: - Onb	pard elect - None - None	NO Activation conditions: 0x4614	- Airflow to alternator obstructed     - Thermal overload from unfavorable driving profile  X Alte N possible	<ul> <li>If no IMIB is available, delete stored fault codes from control module fault memory and take no further action</li> </ul>	- US electronic engine power reduction: off Error debt - CC message: none oor	Possible apparent symptoms:  ounce can lead to reduced availability of Reduction in availability of comfort and convenience accessories.  Reduction in availability of comfort and convenience accessories.	ce Breakdown notice: None	protection function has assumed active status in response to excessive component temperature. This is not a case of a defective component.
		The fault is recognized when the calculated divide temperature						- ECE emissions warning lamp:			
		rises above a specified limit temperature.  Potential problem source(s):						off - ECE electronic engine power reduction: off - CC message: none			If no other faults related to the alternator have been
		- Alternator dirty - Airflow to alternator obstructed				- Alternator dirty	Inspect alternator for unobstructed air current     If the IMIB is available, perform an alternator test     If no IMIB is available, delete stored fault codes from	- US emissions warning lamp; off			logged, do not replace the alternator.  This fault only indicates that the alternator's thermal
MEVCH7.2 . BN0000 0x215901 2160999 Alternator; plausibility, temperature: overnemperature temperature temperature temperature. P924C c	Generator Over Temperature Calculated	Thermal overload from unfavorable driving profile logged when the fault remains possible present for longer than 1 min.	none Voltage condition: - Onbe	serd elect - None - None	NO Activation conditions: 0x4614	- Airflow to Bermator obstructed - Thermal overload from unfavorable driving profile : Aftely possible	<ul> <li>If no IMIB is available, delete stored fault codes from control module fault memory and take no further action</li> </ul>	- US electronic engine power reduction: off Error debt - CC message: none cor	Possible apparent symptoms:  Possible apparent symptoms:  Reduction in availability of comfort and convenience accessories.	ce Breakdown notice: None	protection function has assumed active status in response to excessive component temperature. This is not a case of a defective component.
		The fault is recognized by						- ECE emissions warning lamp:			
		The fault is recognized by complex self-diagnosis routines in the regulator and transmitted to the DME via the BSD bus.						- ECE electronic engine power reduction; off			
		THE WAS DOLL AND						- CC message: on			
					Activation conditions: 0x4814	. Alta					

The content of the																		_
	Company   Comp													of a				
A	Company							The fault is recognized when the regulator code does not match						reductio - CC messa - If the fault frequency is less than or equal to 3, clear	c off c: none			
The content of the	Column   C			The diagnostic function monitors the regulator code and compares it with the specified value stored in the				Potential problem source(s):	logged when the fault remains					further action - US electronic e  - If the fault frequency is > 3, then replace the reductio	gine power off If detail number is identical to approved number,	Possible apparent symptoms:	Breakdown notice:	
		BN2020 0x210701 2164	481 Alternator, regulator: model incorrect	DME.	P324E Ger	enerator Regulator Type Implausible		- Incorrect regulator installed	present for longer than 1 min. none	Voltage condition: - Onboard elect - None	- None NO	Activation conditions: 0x4614; AltelY	- Incorrect regulator installed	- ECE emissions	aming lamp:	None	None	None
Column   C	The content will be content													- ECE electronic reductio	ngine power			
Column   C	The content of the							I he taut is recognized when the regulator code does not match the code stored in the DME.	The diamonatic fault code is					the control module fault memory and do not take any - US emissions we	ning lamp: off			
Company	The content of the		737 Alternator, model incorrect	The diagnostic function monitors alternator's code and compares it with the specified value.	P324A	Generator Type Implausible			logged when the fault remains present for longer than 1 min. none	Voltage condition: - Onboard elect - None	- None NO	Activation conditions: 0x4614; Alte Y	- Incorrect alternator installed	- If the fault frequency is > 3, then replace the reduction	off Information to EA through VP	Possible apparent symptoms: Mild roughness at idle can occur		Alternator continues to supply power to vehicle.
	The content of the							multiple DME attempts to						aft				
Column   C	Company							the alternator remain						- Check plug connection (detent) on alternator CC messa	off			
		MEVD17.2-		The diagnostic function monitors communications				Potential problem source(s):  - Defect in BSD bus line between DME and alternate	The diagnostic fault code is logged when the fault remains				- Defect in BSD bus line between DME and alternator	- Alternator replacement required only if the DME - US emissions we - US electronic e detects a BSD fault with the alternator (not in response reduction)	gine power	Possible apparent symptoms:	Breakdown notice:	Alternator usually continues to supply vehicle (when BSD wire is open). If no communications are present the alternator will charge at 14.3 V after the alternator
	State   Stat	BN2020 0x210901 2164	993 Alternator, communication: no communication	between DME and alternator.				- Alternator defect	present for longer than 1 min. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N	- Alternator defect	to global BSD fault) - CC messa	t: none none	Breakdown in extreme cases	None	speed has risen beyond roughly 3300 rpm one time.
Company	Company   Comp							The fault is recognized when							ngine power			
															ge: on			
Table   Tabl	The control of the	MEVD17.2-	277	To discount to the first and the second				- One component on BSD bus is defective	The diagnostic fault code is logged when the fault remains				- One component on BSD bus is defective	defective component is found.  - If the fault is not found, check the BSD.  - If the fault appears sporadically then check all	gine power off	Possible apparent symptoms:	Power management not operating correctly, as bettery sensor data cannot be monitored. No oil level	N
Column   C		BN2020 (01211A21 2160	377 BSD DUX COMMUNICATION NAUK	THE CHARGOSTIC TURISDICT TECHNICIS IN E. B.S.C. DUS.				The fault is recognized when the onboard electrical system's	present for longer than 1 min. Termina 15	Votage consister: - Ontolero secol - None	- NONE (NO	Physical cus status T	- Develope BSD	CONSIGN ON INV BSC CC INSS	ge on some	- Breaddown in externe cases	avance.	Notes
								Potential problem source(s):						- ECE emissions	aming lamp:			
															off			
				The diagnostic function monitors the onboard				Defective voltage regulator     PCU Power Control Unit defective, if present	The diagnostic fault code is				With engine running, excessive voltage from:     External charger/battery (jump-start from truck, 24 V)     Defective voltage regulator	- Check voltage regulator - Determine whether diagnostic fault codes are logged - US emissions we in the PCU US electronic e	ning lamp: off	- Flickering lights,		
		MEVD17.2- BN2020 0x213301 2175	745 Power management: Overvoltage	electrical system's voltage at the DME while the	P160C I	Powermanagement Overvoltage	Powermanagement		logged when the fault remains	Voltage condition: - Electrical syst) - None	- None None	none N			off	<ul> <li>Functional failure (loss of functionality)</li> </ul>	Breakdown notice: None	None
	The content of the							The fault is recognized when the onboard electrical system's voltage falls below 9 V.						of a				
Second   S	The content will be content							Potential problem source(s):						Check battery for damage (electrolyte loss, reduction deformation 2) renignees indicated CC messa.	off			
		MENDEZO		The discounts handler				supply wring to DME/DDE)	The diagnostic fault code is				- Defective voltage regulator	- Determine whether internal ECU errors are logged in   - US electronic e	gine power	Possible apparent symptoms: - Flickering lights - Functional failure (loss of functionality)		
	The content of the	BN2020 0x213401 2176	001 Power management: Undervoltage		P160D P	Powermanagement Undervoltage	Powermanagement		present for longer than 1 min. none	Voltage condition: - Electrical syste - None	- None None	none N	- DME/DDE voltage measurement defective	- Replace DME - CC messa	e: none none	- Electrical devices cease to operate - Breakdown in extreme cases	None None	None
	## 1							The fault is recognized when the						- ECE electronic	ngine power			
Company   Comp	Company							Potential problem source(s):						- CC messa	e: none			
State   Stat		MEVD17.2- BN2020 0x213501 2178	257 Power management: Exhaustive battery charno	The diagnostic function monitors the electrical system voltage at the DME/DDE.	P160A Power	vermanagement Exhaustive Discharge	Powermanagement	while stationary leading to battery damage,	The diagnostic fault code is logged when the fault remains present for longer than 1 min. none	Voltage condition: - Electrical syste - None	- None None	none N	Increased power consumption while stationary leading to battery damage,     Vehicle parked too long	Conduct (ARI ) angent disappoint test module I I R algorithmic a	nina nawar	Possible apparent symptoms: - Breakdown in extreme cases	Breakdown notice: None	None
Column   C	Column   C													- ECE emissions	aming lamp:			
Column   C	Column   C							The fault is recognized when the discharge from excessively high						- ECE electronic reduction	ngine power off			
								standby currents is higher than 1 Ah.	This fault is logged in the control					- US emissions we - US electronic e	ning lamp: off gine power			
Service Servic		MEVD17.2- BN2020 0x213604 2176	516 Power management: Closed-circuit current fault	The diagnostic function monitors the standby current draw.	P160F Power	wermanagement No-Load Current Error	Powermanagement	Electrical - Closed-circuit current too high	module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- None None	none Y	- Closed-circuit current too high	- Conduct (ABL) energy diagnosis test module reductio     - Conduct external standby current measurement - CC mess	off ge: on none	Possible apparent symptoms: - Breakdown in extreme cases	Breakdown notice: None	None
A PART OF THE PROPERTY OF THE	State   Stat							module's fault memory when the electrical system voltage is less						- ECE emissions	aming lamp:			
The second secon	Part							Potential problem source(s):						- ECE electronic reduction	ngine power off			
The content will be content with the content will be content wit	The content of the							(loose contact) Defect in wiring harness (power					- Battery not connected correctly (loose contact).	- Check screws on battery terminals - US emissions we	ning lamp: off	Possible apparent symptoms: - Flickering lights		
Part	Service Servic	MEVD17.2- BN2020 0x213701 2176	Power management: Ripple in system voltage too high	The diagnostic function monitors the electrical system voltage at the DME/DDE with the engine running.	Powerman P160E	anagement Operation Without Charging of Battery	Powermanagement	- DME/DDE voltage	module's fault memory	Voltage condition: - Electrical syste - None	- None None	none N	- DME/DDE voltage measurement defective	<ul> <li>Determine whether internal control module faults reduction</li> </ul>	off		Breakdown notice: None	None
Part	Column   C													of				
Marche   M	Marke   Mark							The fault is recognized when the battery charge status is below 35 5 while in the transport mode.						reductio	off			
	Market   M	MEVD17.2-	Power management: Battery damaged during	The diagnostic function monitors the battery's charge					This fault is logged in the control module's fault memory					Note in dealer's derivery acceptance record     Conduct (ABL) energy diagnosis test module     Replace battery before delivery to customer and     reduction	ning lamp: off This fault position is not used in the L4.  gine power The fault class is set to '0' starting with production off breakpoint 09.07.	Possible apparent symptoms: CC message when battery replacement is not	Breakdown notice:	
The state of the s	Column   C	BN2020 0x213801 2177/	025 transport	status in the transport mode.				transport mode The fault is recognized when	immediately none	Voltage condition: - Onboard elect - None	- None None	none Y	- Excessive battery discharge in transport mode	register battery change with service function - CC mess	ge: on Retained in L81	registered with the diagnostic system.	None	None
Part	Part							equipment is reduced or power consumers are deactivated.						- Use test module (ABL) to read out history of lest reduction	ngine power off			
Fig. 1. September 1. September 2. September	The content of the							Potential problem source(s):  - Poor charge balance owing to driving conditions or excessive					- Poor charge balance owing to driving conditions or		ning lamp: off	Possible apparent symptoms:		
Part	Part	MEVD17.2- BN2020 0x213901 2177:	Power management: Reduction or shutdown of individual current consumers	functionally that occur when availability of electrical						Voltage condition: - Onboard elect - None	- None None	STATUS VERBREDINFO Y	excessive number of activated electrical power consumers - Battery aging has occurred	- Ask driver about driving conditions (short distances, - Check battery and replace as indicated - CC messa	off	availability and deactivation of electrical power		None
A THE PROPERTY OF THE PROPERTY	Service of the servic													af				
Part	Maria   Mari							The fault is recognized when the battery charge status is below 60 % while in the transport more.						reductio	off			
For the second s	Part	MEVD17.2-	Power management: Battery discharged Avinn	The diagnostic function monitors the battery's charge					This fault is logged in the control module's fault memory					Note in dealer's delivery appearance second Charge. 119 electronic	nina nawar	Possible apparent symptoms: CC message if the transport mode has not been	Breakdown notice:	
The state of the s	Service and the service and th	BN2020 0x213A01 2177	537 transport	status in the transport mode.				transport mode	immediately. none	Voltage condition: - Onboard elect - None	- None None	none Y	- Excessive battery discharge in transport mode	- ECE emissions	aming lamp:	deactivated.	None	None
Part	Service of the servic							The diagnostic fault code is						off - ECE electronic reductio	ngine power			
Second   S	See							system voltage exceeds 16V.	This fault is loosed in the control					-CC mass	ge: on			
Service of the control of the contro	Fig. 1. The second of the seco	MEVD17.2- BN2020 0x213A20 2177	588 System voltage: voltage too high		P0563	System Voltage High	System Voltage	- Alternator voltage regulator is Electrical defective	module's fault memory immediately. none	Voltage condition: - Electrical syste - None	- 2 min. after engine start NO	U , 0x5815 N	- Alternator voltage regulator is defective	- US electronic a reduction - Replace alternator - CC mess	off ge on none	Possible apparent symptoms: Power reduction, CC message for engine malfunction	Breakdown notice: None	None
Series of the se	Fig. 1. The second seco							ECU fault memory when the electrical system voltage is							nomina Inma			
State   Stat	A													- ECE emissions of - ECE electronic	ngine power off			
Signature   Sign	Service Servic							Plug or wiring harness on alternator defective     Plug or wiring harness on DME					- Plug or wiring harness on alternator defective		e: none			
Fig. 1. The second seco	Find a special field of the control	MEVD17.2- BN2020 0x213A21 2177	589 System voltage: voltage too low	The diagnostic function monitors the battery voltage relative to a lower limit.	P0562	System Voltage Low	System Voltage	- Alternator defect	This fault is logged in the control module's fault memory immediately. none	Voltage condition: - Onboard elect - None	- 3 min. after engine start NO	U , 0x5815 N	- Alternator defect	- Check plug and wring harness at DME - US electronic e - Replace alternator reductio - Replace DME - CC messa	gine power off		Breakdown notice: None	None
Fig. 1. The state of the state	No. 10 August a control of the contr													- ECE emissions of	aming lamp:			
See 1	A series of the							The fault is logged in the ECU fault memory when the voltage at the AD conventor (inside DME)						- ECE electronic reduction	ngine power			
Single Si	Section (Control of the property of the proper	MEDITOR		The disposatio fundi-					This fault is logged in the control					- US emissions we - US electronic e	ning lamp: off	9		
From the stranger str	The foreign of the many operations are all the support of the support of the many operations are all the support of the many operations are all the support of the suppo	BN2020 0x213A22 2177	570 System voltage: analogue-digital converter faulty	analog-digital converter.	P0560	System Voltage	System Voltage	- Lestoctvic LIME (gnalog-digital converter)	immediately. Terminal 15	Voltage condition: - Onboard elect - None	- None NO	U , 0x5815 N	- Defective DME (analog-digital converter)	- if fault appears again replace the DME - CC messa	E none none	None None	Drawsown notice: None	None
AND OIL 2- The state of support of the state	MCCI 2 1700 1700 1700 1700 1700 1700 1700 17							The fault is recognized when the hotton is a returned all recommendation						off - ECE electronic	ngine power			
MCIVID 2 Protein registering and processing and pro	NOTICE DESIGNATION OF THE WORK IN PROCESS AND PROCESS													- CC mess - US emissions ws	ge: on ning lamp: off			
NECTOR 2 A 17000 A 271000 A 27	MOCIT 2. Delication of the following control o	MEVD 17.2- BN2020 0x213B08 2177	800 Power management, battery condition: Battery faulty	The diagnostic function monitors aging of the vehicle battery.				Potential problem source(s):	module's fault memory	Voltage condition: - Onboard elect - None	- None NO	none Y	- Defective vehicle battery.	- US electronic e reductio	gine power off	Possible apparent symptoms: - Breakdown in extreme cases	- The vehicle battery is defective. Vehicle can be	A battery replacement must be registered before the diagnostic fault code can be deleted.
The fair is propried after the fair is propried	The fact is comprised and the fact of the													- ECE emissions of	arming lamp:			
MEI/OT 2 Privar management battery counting for such parties and parties and such parties and parties and such parties and	MEXISTS BOOK STATE OF THE ARTHUR STATE OF THE							battery has gone through several						reductio	off			
The faul is anoughoused when Bequired institutions occurs on the State of S	The fault is recognized when flavour the flavour the fault is recognized when flavour the flavour the fault is recognized when flavour the	MEVD17.9	Preser management hollow-	The diagnostic function markets date of the second				deep-discharge cycles and been damaged as a result.	The diagnostic fault code is logged after the battery has been damaged in a conset					- US emissions we	ning lamp; off	Program account a	Denalotoum or	
The Special Continues accounts to the Contin	Strayer influence coars on the CEC electronic secretary of the	BN2020 0x213C08 2178	056 battery charge	events in the vehicle battery.				- Defective vehicle battery.	deep discharge. none	Voltage condition: - Onboard elect - None	- None NO	none Y	- Defective vehicle battery.	I I		Breakdown in extreme cases	None	None
Protestial prince to a consciou (Comessage):	Protesta groom is concept):							frequent interference occurs on the LIN bus.						- ECE electronic reductio	ngine power			
	Visitage controller - Chooset elect							Potential problem source(s):						- CC messa	e: none			
Votage confider: - Channel elect										Voltage condition: - Onboard elect								

						- ECE amissions warning lamp: off - ECE electronic engine power reduction: off - reduction	
	The fault is recognized when a fault will be the representative measurement it present.  The diagnostic fault code is				- If the diagnostic fault code has been enterted wi	- CC message: none  - US emissions warning lamp: off  a - US electronic engine power  Por	ssible apparert symptoms:
ME/077.2 Intelligent buttery sensor (RS), leternal temperature The diagnostic rystem placebibles the RS RSQ000 0x215-091 2183-25 Resourcement implacable in Resourcement implacable intelligent temperature measurement. P1500 Battery Sensor Temperature Resourcement.	Polarisal problem source(s): logoged when the Gust remains price   IBS defective	none Voltage condition: - Onboard elect-	None - None NC	) none N	BS defective Bequency > 3 or is present continuously then rep		on no symptoms to breakdown from Breakdown notice: undercharged battery None None None
						- CCC entractions warming large.  1 - ECE electronic engine power rectaction off - CC message: none	
	The fault is encognized when he vallage measurement is present.  The diagnostic fault code is				- If the diagnostic fault code has been entered with	- US electronic engine power Po	salikle apparent symptoms:
ME/IOT 2. Intelligent battery sensor (BS). Internal voltage The diagnostic system plausibilities the BS voltage P150E Battery Sensor Voltage Error measurement implausible measurement. P150E Battery Sensor Voltage Error	Pollerial problems score(s):  ### degrands four code is  #### degrand four four four manies  #### greater for four from 1 min.  #### greater for four from 1 min.	none Voltage condition: - Onboard elect	- None - None NO	o none N	Bequency > 3 or is present continuously then rep	- CC message: none none	om no symptoms to breakdown from Breakdown notice: undercharged battery None None None
						- ECE emissions warning tamp:  off - ECE electronic engine power reduction: off  reduction: off - ECE electronic engine power reduction: off - ECE electronic engine power reduction: off - ECE emissions warning tamp: - ECE electronic engine power - ECE engine engine power - ECE engine e	
	The Budf is recognized when the BS current management is a BS current management is incorrect.  The diagnostic fluit code is				- If the diagnostic fault code has been enterted wi	- CC message: none	saible apparert symptoms:
ME/ICVT 2. Intelligent bulley seasor (BIS), Internal current The diagnostic system plaubilities the BIS current measurement implacable measurement. P150F Gattery Sensor Current Erro measurement.	Potential problem source(s): logged when the fault remains	none Voltage condition: - Onboard elect	None - None NC	O none N	frequency > 3 or is present continuously then rep -IBS defective the IBS	cee reduction: off - Anything fro - CC message: none none	on no symptoms to breakdown from Breakdown notice: undercharged ballary None None None
	The Sust is reconlised when the					- ECE emissions warning lamps: off - ECE electronic engine power reduction: of  production: of  production: of	
L4. The diagnosis function monitors the walk-op wire	The fault is recognized when the water government of cont.  Protential problem source(p):				- L4: Defect in wake-up wire - L4: Check wake-up wire	- CC message: none - US emissions warring largo: dff - US destronic entring cover - US expectation of the cover	
MEVOT 2.  BR0000 0x21501 218577 (BS) Wake-up line, but to find upon the first yearsor (BS) Wake-up line, but to find upon the first yearsor (BS) Wake-up line, but to find upon the first deposits become monitors he wake-up with the product house description.  14 The appropriate become monitors he wake-up with the product house description.  15 The deposits become monitors he wake-up with the product house description.  16 The appropriate become monitors he wake-up with the product house description.  16 The deposits become monitors he wake-up with the product house description.  16 The appropriate become monitors he wake-up with the product house description.  16 The deposits become monitors he wake-up with the product house description.  16 The appropriate become monitors he wake-up with the product house description.  16 The appropriate become monitors he wake-up with the product house description.  16 The appropriate become monitors he wake-up with the product house description.  16 The appropriate become monitors he wake-up with the product house description.  16 The appropriate become monitors he wake-up with the product he product h	1.4 Defect in wake up with     1.4 Defect in wake up with on     1.4 Defect in wake up with from logger sharp not fould remains     1.4 Defect in wake up with from logger sharp not fould remains     8.5 to jurisdon box electrories	none Voltage condition: - Onboard elect -	None - None NC	) none N		on reductions off Pos -CC missages; none none	salble apparent symptoms: Breakdown notice: None None None None
	The fault is recognized when the					- ECE emissions warning lamp: off - ECE electronic engine power reduction: off figure for the first f	
	IBS and DMECOG are not compatible.  Peternal profession source(s): The diagnosis feat roots is					- CC message: none - US emissions warning lamp: off	
The diagnosts under compatibility of the BE vision with process or possibility or	DME/DDE and IBS are not logged when the fault remains present for longer than 1 min.	none Voltage condition: - Onboard elect	None - None NC	O none N	- DME/DDE and IBS are not compatible - Replace IBS	- US dectorio: engine power reduction: of Poor Poor Poor Poor Poor Poor Poor P	salble apparent symptoms: Breakdown notice: - none None None None
	U. The fault in recognitude when the appilation in the washes up- the appilation in the washes up- th in registration. U. The fault in recognitude when					- ECE emissions warning tamp: off - ECE electronic engine power	
	the walks-up wire is open.  Potential problems source(s):					reduction: off - CC message: none	
ME/10/17 2- BR0(205 0x215601 2 12572) sensor (BS) Wake-up Ins, Ins Us to Hospital to Hospital Experimental Sensor (BS) Wake-up Ins, Ins Us Hospital Experiments Ins wake-up ure Us The deposits function monitors the wake-up ure PESC3 Battery Sensor Wakeup Callet C Us the jurisdist backedurins. PESC3 Battery Sensor Wakeup Callet C	-L4. Defect in wake-up win or      -L6. Defect	none Voltage condition: - Onboard elect	- None - None INC	) none N	- L4: Defect in wake-up wire or IBS - L6: Defect in wake-up wire form IBS to junction box - L6: Defect in wake-up wire form IBS to junction box - L6: Check wake-up wire between IBS and junc - L6: Defect in wake-up wire between IBS and junc - L6: Defect in wake-up wire or IBS - L6: Check wake-up wire between IBS and junc - L6: Defect in wake-up wire or IBS - L6: Defect in wake-up wire or	- US emissions warning lamp; off - US electronic engine power on reduction; off - CC message; none none	sable apparent symptoms: Breakdown notice: None None None None
	The fault is recognized when communications between this 85 and DDF bank down.					- ECE emissions warning lamp: off	
	Potential problem source(s): - Defect in power-aughty voltage to ISS				- Check power-supply voltage to IBS - Check IN but between IBS and DME/DDI	- ECE electronic engine power reduction: off - CC message: none	
ME/10/17 2- Intelligent barriery sensor (IES) LIN bus, The diagnosis function monitors LIN bus SPACOD 0x2/15691 2165965 communication fault communications with the CME.	Delect in bus connection (J.M.     The diagnostic fault code is     Delection of the diagnostic fault code is     Delection of the diagnostic fault code is     Delection of the diagnostic fault code in     Delection of the diagnostic fault code in     Delection of the diagnostic fault code fault code is     Delection of the diagnostic fault code fault code is     Delection of the diagnostic fault code in	none Voltage condition: - Onboard elect-	- None Iso	none IN	- Defect in power-supply voltage to 18S - Oelect in bus connection (LR bus) - Oelect in bus connection (LR bus) - Communications interference caused by other devices on LN bus - Check LIN bus do other components, replace IB indicated	bus - US electronic engine power Por as reduction: off - Anything fro	salble apparent symptoms: In no ymptoms to breakdown from Indirect symptoms to breakdown from Indirect symptoms batter None Indirect symptoms batter None Indirect symptoms batter None
						- ECE emissions warning tamp: off - ECE electronic enoine cower	
	The fault is recognized when the IBS recognizes an internal					reduction: off  - CC message: none	
MEVOT7.2. 0x215071 2180241 Intelligent buttery sensor (IRS) flushy turnor on the diagnosis function noninors internal system functions in the IRS.	system Gut.  Potential problem sources(s):  "Bill delictives protein sources(s):  "Bill delictives protein from the fluid memains protein from the million of the fluid memains protein from the fluid memains	none Voltage condition: - Onboard elect	- None - None NO	) none N	If the diagnostic fault code has been enteried with frequency > 3 or is present continuously then rep the IRSS defective	- US emissions warning lamp; off   Por     a - US electronic engine power    - US emissions warning lamp; off    - US electronic engine power    - US electronic engine po	salble apparent symptoms: In no symptoms to breakdown from Undercharged balancy None None None
						- ECE emissions warning lamp:	
	The faul is recognized when an internal rank for 'auxiliary battery charging until is present.					- ECE electronic engine power reduction: off  - CC message: on	
MEV017.2 - B00200 0x216011 2196457 Chapting controller for auditory bettery: Informal flast chapting set.*	Potential problem source(s):  - Vauliary battery framping mit This staut is logged in the control modes for disclose  disclose  - Audilary battery hij is described in mind and staut minority in the control modes for the	Terminal 15 Voltage condition: - Onboard elect-	- None INC	o none Y	- 'Ausiliary battery charging unit' defective - Check auciliary battery and N - Auxiliary battery is defective - Replace 'Buxiliary battery charging unit'	US emissions warning lamp; off     US electronic engine power     eduction: off	sabile apparent symptoms:  Sport from power deeling limited None None  None
		y source or account of Miller			Annual An	- ECE emissions warning lamp: off	
	The fault is recognized when an open was off occur is present.					- ECE electronic engine power reduction: off  - CC message: on	
ME/CV7.2 Charging controller for auxiliary ballary, Shiesting standing ballary, Shiesting and dependent function monitors the wire and its MACCO CALL COLUMN	Potential profession source(s)  - Deletici in winding harmens betheven secondarly hatterly und welchick batterly  welchick batterly  immediately  immediately	Terminal 15	None None		Defect in wiring harness between secondary battery     Check wires and wiring sheld between second hardware and wiring sheld between second hardware and wiring sheld between second hardware and wiring sheld between second sheld and the second sheld and the second sheld and the second sheld sheld and the second sheld s	- US emissions warning large; off  - US electronic angine power  reduction; off  Pro- Comessage on none Steering at  Steering at  Pro-	isable appaient symptoms: Breakdown notice:  Spoot from gower deeling limited None none
BR0000   0x1991   219573   moletoning line fault and the auditory Safety		Terminal 15 (Voltage condition: - Onboard elect	-romerome /vc	) (NOW Y	and vehicle battery battery and vehicle battery	- ECE emissions warning lamp:	pport from power deering limited None none
	The fault is recognised when the violence in the building separation in violence in the buildings separation in conjust terminal is less than 20V and the separation in the separation in the separation is separation in the separation in the separation in the separation is separation in the separation in the separation in the separation is separa					- ECE alectronic engine power reduction: off - CC message: on	
MEVO12. Charging controller for auxiliary battlery. Auxiliary  The diagnostic function monitors the auxiliary battlery	voltage of leas than 16 V.  The diagnostic fault code is  Potential problems source(s): logged when the fault remains					- US emissions warning lamp: off - US electronic engine power equation: off Pos	skible apparent symptoms: Breakdrown notice:
SHQ0000 (Cy1930) 2195999 ballery faulty for the electic power stearing.	Austiliary betwey a defective     The fault is recognised the present for larger than 5 min.  The fault is recognised the present the state of	Terminal 15 Voltage condition: - Onboard elect	None - None NC	none IN	- Auxiliary battery is defective . Check auxiliary battery	-CC message: on none Steering su	None None
	coupe, terminal of sizes a man avv when? Terminal 55 c cor, or the steering leaf has an internal voltage of leas shan 16 V.					- ECE emissions warming lamp:  off  - ECE electronic engine power	
The diagnostic function monitors the battery	Potential problem source(p):  - Dietect p stug or widing harmess at ab battley depositor for					reduction: off - CC message: on - US emissions warning lamp: off	
METIOT 2.  Disaping controller for auxiliary hattery. Fault in cut.  Disaping controller for auxiliary hattery. Fault in cut.  Section 2.  Disaping controller for auxiliary hattery. Fault in cut.  auxiliary hattery, and the change status of the auxiliary and the auxilia	- Deficies traffing segurator - Audillay halfang segurator - Audillay halfang segurator segurato	Terminal 15 Voltage condition: - Onboard elect	None - None NC	O none Y	Defect in plag or eringn harmess at battery separator     Defect in plag or eringn harmess at battery separator     Defective battery separator     Audilizery battery deep-discharged, defective     Check charge status of audilizery battery	tor - US electronic engine power reduction: off Pos	skilble apparent symptoms:  Breakfown notice: ppoort from power stearing limited  None  None
	The fault is recognized when a stort circuit to positive is present.					- ECE emissions warning lamp:     off     - ECE electronic engine power	
	Potantial problem source(s):  - Defect in winding harmesta halwage no profile program and				- Defect in wiring harness behween engine mount and - Check wiring harness between DME and eng	reduction: Unique power reduction: off - CC message: none e - US emissions warning lamp: off	
MST-1017 2.  BISCO20 0x219001 2199555 Addise engine mourt, skinctic abort discust to positive DME to the engine mourt of aborts to positive. PGA16 Engine Mourt W. Correct Creat	Delinean engin mount and DME The Bual is bigged in the control  - Delictive segina mount  - Delective segina mount  - Dele	none Voltage condition: - Onboard elect	- None - None ST	EUERN_ENDE_MLS, STEUERNU N	DME		seible apparent symptoms: Breakdown notics: None None None
	The fault is ecooptized when a story cloud to ground a present.					- ECE emissions warming tamps: cdf - ECE electronic angine power residence of recommendations of recommenda	
	Potential problem source(s): - Defect in whiring harmess between engine mount and				- Defect in wiring harness between engine mount and - Check wiring harness between DME and eng	- CC message: none	
ME/16/7 2 Dc21902 2199554 Active engine mount, electric short drout to ground DRE to the engine mount to short to ground. PGAS Engine Mount YL Control Circuit		none Voltage condition: - Onboard elect-	- None - None ST	TEUERN_ENDE_MLS, STEUERNU N	Detect in writing narmosa Delinier unger notion unto Delinier under unto Delinier under unto Delinier under unto Delinier under Universität under Unive	- US electronic engine power	soible apparent symptoms: Breakdown notice: None None None
	The fault is recognized when an open wise is present.					- ECE emissions warning lamp: off - ECE electronic engine power	
	Potential problem source(s): - Defect in wining harmons have a concilier month and of				- Defect in wiring harness behween engine mount and . Check wiring harness between DME and eng	reduction: off - CC message: none e - US emissions warning lamp: off	
METIOT 2 - B0000 0c/1000 2195559 Advise engine mourt, electric open dissuit from the DME to the engine mount for opens. PGA4 Engine Mount Y Control Croad?  NETIOT 2 - Control Croad?	DME This fault is logged in the control - Defective engine mount module's fault memory	none Voltage condition: - Onboard elect	None - None ST	EUERN_ENDE_MLS, STEUERNU N	DME organization court - Reptace origin mount - Defective engine mount - Perface origin mount - Defective DME Replace DME	- US electronic engine power	ssible apparent symptoms: Breakdown notice: None None None
M6/077.2 B00220 0x214210 2204176	The faul is recognized which the measure in the measure in the measure in the control within the control growth. The keep-					- ECE emissions warning lamp:	
	the defined prince for Nessp- alan continued der of time the message, or the message had a continued to the prince of the continued to be princet.					off - ECE electronic engine power reduction: off - CC message: none	
MENO 17.2 .  BECCO 2.200006 doc21100 2000006 Doc21100 200000000000000000000000000000000	most also be present.  Peterdal problem source(s)  - Fault with Standmilling control  - module's fault memory					- US emissions warning lamp: off - US electronic engine power	saibhi appanint symptoms: Braikdown notos:
NSC017.2 bd.(34) in case of underrotage Communication fault and checksom of the nessage when underrotage is present.	module immediately.  The fault is reconsized when the	Terminal 15 Voltage condition: - Onboard elect	- None - None NC	D FR message N	- Fault with transmitting control module - Carry out system analysis.	- CC message: none none - ECE emissions warning lamp:	Seable apparent symptoms:  None None None None
	message is not received within the desired private flat the desired private flat stage, also counter did not any stage, also counter del not any stage and c					-ECE electronic engine power reduction: off  - CC message: none	
CAM, message (stat, transmission train, cntAF) in MG/ID172- case of undervollage Communication but at 8F: and disclosum of the message when undervollage is	United State of the Color State					US emissions warning larnp: off US electronic engine power	sseble apparent symptoms: Breakdown notice:
MS/10172.  BIGG00 0x211002 200102 Commission but at PF and decision of the resease when undervirage is present.	Fault with Transmitting control     modules fault memory     modules     immediately.	Terminal 15 Voltage condition: - Onboard elect	None - None NC	D FR message N	- Fault with transmitting control module - Carry out system analysis.	CC message: none none  - ECE emissions warning lamp:	Mone None None
	The facil is recognized when communications with the CES and a communication with the CES and a communication of the CES and					- CC message: none  - CC message: none	
MG/ID172- Electrotic transmission control (EGIS) PT-CAN PT- communication upths A CON and FA CON the Sheeting	exclusion (in plants of the sea.  A set of A CAM Trans date.  Potential problems sources): That suit a logged in the control  - Intelligence in communications  modules to all memory				- Interference in communications to EGS via A and FA	- US emissions warning lamp: off - US electronic engine power	sabha appanerd symptome: Breakdown notice:
MS/SY72.  BISCOD 0271794 Z07700 CARC Communication but Between the second of the communication and the origin and active and a CAN between CANC Communication but Between the origin and appeared ECU, U1190 Leat Communication With TCM or A. at	- Interference in communication models but memory in PEACAN Communication TCM to ECS via A and FA CAN immediately.	Terminal 15 Voltage condition: - Onboard elect	None - None NC	D Bus status (signal redundancy) N	- Interference in communications to EGS via A and FA  CANY  CANY  CANY CANY Out system analysis.	- CC message: none - Transf - ECE emissions warning lamp:	sabilità apparent symptomi: Breakdown notice: mission in eminigency program None None None
	The fault is recognized when the message is not received in the					- ECE electronic engine power reduction: off - CC message: none	
	THIS CAMPAGE IN THE THE CAMPAGE IN THE						
		Voltage condition: - Onboard elect					

													ECE emissions warning lamp:				
				The fault is recognized when a									ECE electronic engine power reduction: on - CC message: on				
				short circuit is present.  Potential problem source(s):	This fault is board in the costed							-	US emissions warning lamp: off - US electronic engine power		Possible apparent symptoms: - No tachometer display in the instrument cluster		
MEVD17.2- BN2020 0xCD840A 1	468882 DMEIDDE PT-CAN: Communication fault	The diagnostic function monitors the FA CAN. U1185 Lost Communication with FA-CAN	Communication	- Defect in FA CAN plugs or FA-CAN wining harness	This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N		- Defect in FA CAN plugs or wiring harness	- Carry out system analysis.	reduction: off - CC message: none	none	- Brief rpm drop when IHKA automatic climate control is activated at idle	Breakdown notice: None	None
													ECE emissions warning lamp: off				
				The fault is recognized when a short circuit is present.									- ECE electronic engine power reduction: on - CC message: none				
				Potential problem source(s): - Defective Flexible young	This fault is logged in the control								US emissions warning lamp: off - US electronic engine power		Possible apparent symptoms:		
MEVD17.2- BN2020 0xCD8420 1	1468704 DME/DDE FlexRay bus: Communication fau	uit The diagnosis monitors the PiesRay. U119E Lost Communication With PiesRay	Communication	- Denective Historialy plug or wiring harness FlexRay	module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	Physical bus status N		- Defective FlexRay plug or wiring harness	- Carry out system analysis.	- US electronic engine power reduction: off - CC message: none	none	- DSC Failure - Cruise control failure	Breakdown notice: None	None
													ECE emissions warning lamp:				
				The fault is recognized when a									ECE electronic engine power reduction: off - CC message: none				
				short circuit is present.								-	US emissions warning lamp: off				
MEVD17.2- BN2020 0xCD8486 1	468806 DME/DDE PT-CAN2: Communication fault	t The diagnostic function monitors the A CAN. U1184 Lost Communication with A-CAN		Potential problem source(s): - Defect in A CAN plug(s) or wiring harness	This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N		- Defect in A CAN plug(s) or wiring harness	- Carry out system analysis.	reduction: off - CC message: none	none	Possible apparent symptoms: None	Breakdown notice: None	None
													ECE emissions warning lamp:				
													ECE electronic engine power reduction: off - CC message: none				
				No PP necessary									US emissions warning lamp: off				
MEVD17.2- BN2020 0xCD8BFF 1 MEVD17.2-	1470719 Dummy network DTC: network DTC	No PP necessary		Potential problem source(s): - No PP necessary	No PP necessary	none	Voltage condition: - Onboard elect - None	- None No PP necessary	No PP necessary No PP n	necessary	- No PP necessary	- No PP necessary	- US electronic engine power reduction: off - CC message: none	No PP necessary	Possible apparent symptoms: No PP necessary	Breakdown notice: No PP necessary	No PP necessary
BN2020 0xCD8C10 1	470736																
MEVD17.2- BN2020 0xCD8C11 1 MEVD17.2- BN2020 0xCD8C12 1	470737														1		
													ECE emissions warning lamp:				
				The fault is recognized when interference occurs on the LIN bus.									off  ECE electronic engine power reduction: off  - CC message: none				
				Potential problem source(s): - Defect in wiring harness to									US emissions warning lamp: off				
MEVD17.2- BN2020 0xCD8D10 1	LIN, message (radiator shutter, 0x33): communic 470902 fault from radiator-shutter drive	cation The diagnostic function monitors the connection between the DME and the radiator vent stat actuator.		radiator vent slat assembly - Radiator vent slat assembly defective	This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None systemcheck_gif	status_systemcheck_gif N		Defect in wiring harness to radiator vent slats     Radiator vent slat assembly defective	Check wiring harmess to radiator vent slat assembly     Replace radiator vent slat assembly	- US electronic engine power reduction: off - CC message: none	none	Possible apparent symptoms: Engine could overheat if the vent slats remain closed while demand for engine power is high.	Breakdown notice: ontinued driving possible, avoid subjecting engine o major loads. (mountain driving, full throttle, etc.)	None
													ECE emissions warning lamp:				
				The fault is recognized when the voltage at the battery separator's output terminal is less than 24V when Terminal 15 is on, or the									- ECE electronic engine power reduction: off				
				when Terminal 15 is on, or the steering itself has an internal voltage of less than 16 V.								ļ.	- CC message: on US emissions warning lamp: off				
MEVD17.2- BN2020 0xCD8D15 1	LIN, message (battery charger, auxiliary batter 470997 Electrical fault	ory): The diagnostic function monitors the auxiliary battery for the electic power selecting.		Potential problem source(s): - Auditary battery is defective	The diagnostic fault code is logged when the fault remains present for longer than 5 min.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N		- Auxiliary battery is defective	- Check auxiliary battery	- US electronic engine power reduction: off - CC message: on	none	Possible apparent symptoms: Steering support from power steering limited	Breakdown notice: None	None
													ECE emissions warning lamp:				
				The fault is recognized when an internal fault for 'auxiliary battery charging unit' is present.									ECE electronic engine power reduction: off - CC message: on				
				Potential noblem source(s):	This fault is invent in the								- UC message: on  US emissions warning lamp: off  - US electronic engine power				
MEVD17.2- BN2020 0xCD8D16 1	LIN, message (battery charging unit, H-bridge 470998 Charging mode not possible	e): The diagnostic function monitors the "auxiliary battlery dhairging unit."		- 'Auxiliary battery changing unit' defective     - Auxiliary battery is defective	module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none Y and N		- 'Auxiliary battery charging unit' defective - Auxiliary battery is defective	Check auxiliary battery     Replace 'auxiliary battery charging unit'	- US electronic engine power reduction: off - CC message: on	none	Possible apparent symptoms: Steering support from power steering limited	Breakdown notice: None	None
				The fault is recognized when the status of the "auxiliary battery charging unit" is missing.													
				Potential noblem source(s):									ECE emissions warning lamp: off - ECE electronic engine power				
				Defective wiring harness     Poor screw connection at battery terminal     interference from other devices							- Defective wiring harness	- Check wiring harness	reduction: off - CC message: none				
MEVD17.2-	LIN, message (charging regulator for auxiliary be status, namer neperation, electrical system 2.0	attary, LuS): The diagnostic function monitors LIN communications		on LIN bus - 'Auxiliary battery charging unit' defective	This fault is logged in the control module's fault memory						Poor screw connection at battery terminal     Interference from other devices on LIN bus     'Auxiliary battery charging unit' defective	Check screw connections at battery terminals     Watch for faults in other devices on the bus     Check 'auxiliary battery charging unit'	US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
BN2020 0xCD8D17 1	470999 missing	with the "auxiliary battery changing unit"		The fault is recognized when the	immediately.	none	Voltage condition: - Onboard elect - None	- None NO	none N				- CC message: none	none	- Breakdown in extreme cases	None	None
				voltage at the battery separator's output terminal is less than 24V when Terminal 15 is on, of the									ECE emissions warning lamp:				
				steering itself has an internal voltage of less than 16 V.									off  ECE electronic engine power reduction: off				
		The diagnostic function monitors the battery separator, the vieto between various battery and		Potential problem source(s):  - Defect in plug or wiring harness at battery separator									- CC message: on US emissions warning lamp: off				
MEVD17.2- BN2020 0xCD8D18 1	LIN, message (battery charger, cut-off relay or i 471000 Electrical fault	separator, the view between vehicle battery and line): auxiliary battery, and the charge status of the auxiliary battery.		Defective battery separator     Auxiliary battery deep- discharged, defective	This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None INO	none		Defect in plug or wiring harness at battery separator     Defective battery separator     Auxiliary battery deep-discharged, defective	Check plug and wiring harness at battery separator     Replace battery separator     Check charge status of auxiliary battery	- US electronic engine power reduction: off - CC message: on	none	Possible apparent symptoms: Steering support from power steering limited	Breakdown notice: None	None
													ECE emissions warning lamp:				
													off ECE electronic engine power reduction: off				
				The fault is recognized when ?									- CC message: none US emissions warning lamp: off				
MEVD17.2- BN2020 0xCD8D19 1	LIN, message (battery charging unit, second vol level): malfunction	stage Cpen		Potential problem source(s): - ? - ? - ?		none	Voltage condition: - Onboard elect		- None		-? -?	-? -?	- US electronic engine power reduction: off - CC message: none	new for I-11-03-300	Possible apparent symptoms:	Breakdown notice:	
													ECE emissions warning lamp:				
													ECE electronic engine power reduction: off  - CC message: none				
				The fault is recognized when no LIN message is received.	This fault is innert in the control							-	US emissions warning lamp: off - US electronic engine power reduction: off				
MEVD17.2- BN2020 0xCD8E10 1	1471248 LIN bus, communication: No signal	The diagnostic function monitors the LN bus.		Potential problem source(s): - LIN bus defective	This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N		- LIN bus defective	- Check LIN bus.	reduction: off - CC message: none	none	Possible apparent symptoms: None	Breakdown notice: None	None
BN2020 0xCD8E11 1	471249																
				The fault is recognized when the IBS fails to respond.									ECE emissions warning lamp: off ECE electronic engine power				
				Potential problem source(s): - Defective wing harness - Check screws on battery									reduction: off - CC message: none				
MEVD17.2-		The diagnostic function monitors LIN communications		- Check screws on battery terminals - Interference from other devices on LIN bus							Defective wiring harness     Check screws on battery terminals     Interference from other devices on LIN bus	Check wiring harness     Watch for faults related to other devices on LIN bus	US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
BN2020 0xCD8F01 1	471489 Intelligent battery sensor (IBS), LIN bus: not cur	rent with the IBS.		- IBS defective  The fault is recognized when the electric water pump fails to	immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	none N		- IBS defective	- Replace IBS	- CC message: none  ECE emissions warning lamp:	none	- Breakdown in extreme cases	None	None
				respond to ISSD bus messages from the DME.									eff  ECE electronic engine power reduction: off				
				Potential problem source(s): - Defect in wiring harness to water pump								Continue test routine with test modules that deal with problems related to voltage in onboard electrical system	- CC message: on US emissions warning lamp: off				Observe sequence for fault rectification:  If the pump is activated at TMOT>90 °C as tester job the diagnostic fault code 0x3792 or 0x20AD08 'Water
MEVD17.2- BN2020 0xCD9011 1	471761 Coolant pump, LIN communication: Invalid mess	The diagnostic function monitors BSD bus communications with the decirtic water purp.			The diagnostic fault code is logged when the fault remains present for longer than 1 min.	Terminal 15	Voltage condition: - Onboard elect - None	- None Yes, 0x2F60BF03_STEUERI	EW/none N		Defect in wiring harness to water pump     Communications problem on BSD bus     Defective water pump	Check wiring harness between water pump and DME     Conduct tester job     Replace water pump	- US electronic engine power reduction: off - CC message: on	none	Possible apparent symptoms: Breakdown in extreme cases, electric water pump stops operating - engine overheats	Breakdown notice: None	pump: retation speed implausible" can be logged, ignore this fault and delete it -> Carry out tester job at Tmot<90°C
				and party				The same of the same					ECE emissions warning lamp:		V 2000		
													off  ECE electronic engine power reduction: off				
				The fault is recognized when interference occurs on the LIN bus.	This fault is be-							- If the diagnostic fault code has been entered with a frequency > 3 or is present continuously then replace -	- CC message: none US emissions warning lamp: off		David.	gy-trans-	
MEVD17.2- BN2020 0xCD9201 1	H72257 Radiator shutter, LIN communication: Timeou	The diagnosis function monitors communications between DME and the indistor vert stats.		Potential problem source(s): - Interference on the LIN bus	This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	-None systemcheck_gif	status_systemcheck_gif N		- Interference on the LIN bus	the radiator vent slat assembly  - Otherwise clear ECU fault memory, no further action required	- US electronic engine power reduction: off  - CC message: none	none	Possible apparent symptoms: Engine could overheat if the vent slats remain closed while demand for engine power is high.	Breakdown notice: ontinued driving possible, avoid subjecting engine o major loads. (mountain driving, full throttle, etc.)	None
MEVD17.2- BN2020 0xCD9203 1	472259 Radiator shutter, LIN communication: Signal fac	uly															
													ECE emissions warning lamp: off ECE electronic engine power				
				The fault is recognized when the keep-alive counter has not timed the message.									reduction: off - CC message: none				
MEVD17.2-	Message (request, torque, crankshaft, drivin dynamics, 58:1.4) not current, receiver DMF/D	ng DE. The diagnosis function monitors the currency of the		Potential problem source(s): - Fault with transmitting control	This fault is logged in the control module's fault memory							-	US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms: - The engine can stall in response to rapid steering	Breakdown notice:	
BN2020 0xCD9402 1	472770 transmitter ICM	The uniquest relationship to the model age.		module	immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	FR message N		- Fault with transmitting control module	- Carry out system analysis.	- CC message: none	none	motion to full-lock.	None Name	None
													ECE emissions warning lamp: off ECE electronic engine power				
				The fault is recognized when the message is not received in the specified time.									reduction: off - CC message: none				
MEVD17.2-	No message (request, torque, crankshaft, driv	uring The diagnosis-function monitors reception of the missage.		Potential problem source(s): - Fault with transmitting control	This fault is logged in the control module's fault memory	Terminal 45	Million condition. Only and the	Mone	ER monano		Equit with ty-	Company	US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:  - The engine can stall in response to rapid steering motion to full-lock.	Breakdown notice:	None
BN2020 0xCD9404 1	cynamics, 38.1.4), receiver DME/DDE, transmitte	N ALAN I THROUGHE.		module	immediately.	Terminal 15	Voltage condition: - Onboard efect - None	- realiti	FR message N		- Fault with transmitting control module	- Carry out system analysis.	- CC message: none  ECE emissions warning lamp:	none	motion to tull-lock.	None	None
				The fault is recognized when the keep-alive counter has not timed the message and the message									off  ECE electronic engine power reduction: off  - CC message: none				
				checksum is incorrect.									US emissions warning lamp: off				
MEVD17.2- BN2020 0xCD9408 1	Message (request, torque, crankshaft, drivin dynamics, 58.1.4) checksum error, receiver DME transmitter ICM	rig EDDE. The diagnostic function monitors the currency and the checkstum of the measure.		Potential problem source(s): - Fault with transmitting control module.	This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO	CAN message N		- Fault with transmitting control module	- Carry out system analysis.	- US electronic engine power reduction: off  - CC message: none	none	Possible apparent symptoms: Cruise control failure	Breakdown notice: None	None
				The fault is recognized when the message is not received within the defined period, the keep- alve counter did not firm the									ECE emissions warning lamp:				
				the defined period, the keep- alive counter did not time the message, or the message had a									off  ECE electronic engine power reduction: off				
							Voltage condition: - Onboard elect										

	To the state of th				1							
	The fault is recognized when the message is not received within the defined period, the issep- alive counter did not time the							- ECE emissions warning lamp: off - ECE electronic engine power				
	message, or the message had a checksum error. Undervoltage must also be present.							reduction: off - CC message: none US emissions warning lamp: off				
CAM, message (stat, transmission train, CotAF) in Case of underviolage is Commission that at PT- case of underviolage i	Potential problem source(s): This fault is logged in the control - Fault with transmitting control - module's fault memory - immediately.	Terminal 15 Voltage condition: - Onbox	rd elect - None - None	NO FR message	N - Fault with tran	nsmitting control module -	Carry out system analysis.	US emissions warning lamp; off - US electronic engine power reduction: off - CC message: none	none	Possible apparent symptoms: None	Breakdown notice: None	None
	The fault is recognized when the message is not received within the defined month the keen.							ECE emissions warning lamp:				
	alive counter did not time the message, or the message had a checksum error. Undervoldage must also be present.							ECE electronic engine power reduction: off     CC message: none				
FiseRoy, message (request, wheel tonque, drive train, MEYD17.2-  MEYD17.2-  FiseRoy, message (request, wheel tonque, drive train, The diagnostic function montror weoption, currency and checksum of the message when undervollage is	must also be present.  Potential problem source(s):  - Fault with transmitting control module's fault memory						ŀ	US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
ME/017.2 BR000 Gr00497 1547020 Commission fault decision from present.  Section of the commission fault decision of the message when underviolage is greater.	module immediately.	Terminal 15 Voltage condition: - Onbox	rd elect - None - None	NO FR message	N - Fault with tran	namitting control module -	Carry out system analysis.	- CC message: none  ECE emissions warning lamp:	none	None	None	None
	The fault is recognized when the						1	off - ECE electronic engine power reduction: off				
	keep-alive counter has not fined the message.						-	- CC message: none US emissions warning lamp: off				
MEI/D172. Message (necess) when to troug, drive a tria, som, standards, 4.1 a first or more mode of MEI/D5. The diagnosis function monitors the currency of the message.  The diagnosis function monitors the currency of the message.	Potential problem source(s): This fault is logged in the control - Fault with transmitting control module's fault memory module immediately.	Terminal 15 Voltage condition: - Onbox	nd elect - None - None	NO FR message	N - Fault with tran	nsmitting control module -	Carry out system analysis.	- US electronic engine power reduction: off  - CC message: none	none	Possible apparent symptoms: - DSC failure	Breakdown notice: None	None
								- ECE emissions warning lamp: off - ECE electronic engine power				
	The fault is recognized when the message is not received in the specified time.							reduction: off - CC message: none				
Mo message inquient, wheel trappe, dinder train, sum, subbilistion, 43.14), excelver CMECOCE, traumintar authorison exception of the	Potential problem source(s): This fault is logged in the control - Fault with transmitting control module's fault memory							US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
890000 InC0964 1347008 0SC message.	module immediately.	Terminal 15 Voltage condition: - Onbox	G GLOCI - NOTH	NO PRIMADAGE	- Facil Worldan	nsmitting control module -	Carry out system analysis.	- CC message: none  - ECE emissions warning lamp: off	EUN	- DSC failure	None	Pecini
	The diagnostic fault code is logged when the message has a							- ECE electronic engine power reduction: off - CC message: none				
Message (request, wheat torque, drive train, sum,	checksum error.  Potential problem source(s): This fault is logged in the control						-	US emissions warning lamp: off - US electronic engine power				
ME/IO17.2 stabilisation, 43.14 (indextum error, receiver The diagnostic function monitors the checksum of the BIOCOS Incommittee Committee Committ	Fault with transmitting control module's fault memory immediately.	Terminal 15 Voltage condition: - Onbox	rd elect - None - None	NO FR message	N - Fault with tran	nsmitting control module -	Carry out system analysis.	reduction: off - CC message: none	none	Possible apparent symptoms: - DSC failure	Breakdown notice: None	None
	The fault is recognized when the							- ECE emissions warning lamp: off - ECE electronic engine power reduction: off				
	The fault is recognized when the keep-alive counter has not timed the message.							reduction: off - CC message: none US emissions warning lamp: off				
ME(IO17.2   Message (reads what topic, dise is tis, out, stabilision, 47.2 price current, creater OMECOC. The diagnosis function monitors the currency of the treatment of COC.	Potential problem source(s): - Fault with transmitting control module's fault memory immediately.	Terminal 15 Voltage condition: - Onbox	nd elect - None - None	NO FR message	N - Fault with tran	nsmitting control module -	Carry out system analysis.	- US electronic engine power reduction: off	Only in hybrid vehicles	Possible apparent symptoms: None	Breakdown notice: None	None
							T	- ECE emissions warning lamp:				
	The fault is recognized when the message is not received in the specified time.							- ECE electronic engine power reduction: off  - CC message: none				
No message lequeut, whell brough, dide to lain, sun, MEVIOT2-2 substitution, 47.02) recolor UNETICE, transmitter  The diagnosis function monitors reception of the	Potential problem source(s): - Fault with transmitting control module's fault memory						-	US emissions warning lamp: off - US electronic engine power reduction: off		Possible apparent symptoms:	Breakdown notice:	
86020 0xC0964 1547294 03c message.	module immediately.	Terminal 15 Voltage condition: - Onbox	d elect - None - None	NO FR message	N - Fault with tran	nsmitting control module -	Carry out system analysis.	- CC message: none C - ECE emissions warning lamp:	Only in hybrid vehicles	None	None	None
	The fault is recognized when the keep-silve counter has not timed the recognized the recognized							off - ECE electronic engine power reduction: off				
Message (request, wheeld torque, drive train, sure,	keep-alive counter has not timed the massage and the massage checksom is incomed.  Potential problem source(s): This fault is logged in the control							- CC message: none  US emissions warning lamp: off  - US electronic engine power				
ME/IO17.2- Mexicol 17.2- Mexic	- Fault with transmitting control module's fault memory immediately.	Terminal 15 Voltage condition: - Onbox	rd elect - None - None	NO FR message	N - Fault with tran	namitting control module -	Carry out system analysis.	reduction: off - CC message: none C	Only in hybrid vehicles	Possible apparent symptoms: None	Breakdown notice: None	None
								- ECE emissions warning lamp: off - ECE electronic engine power				
	The fault is recognized when the keep-afive counter has not timed the message.							reduction: off - CC message: none				
MEVIDIT2- MEXIDIT 2- BR0000 (InCODITIO) 1947/258 MEXIDIT 2- BR00000 (InCODITIO) 1947/258 MEXIDIT 2- MEXIDI 2- MEXIDIT 2- MEXIDI 2- MEXIDIT 2- MEXIDIT 2- MEXIDIT 2- MEXIDI 2-	Potential problem source(s):  - Fault with transmitting control logged when the fault remains present for longer than 1 min.	Terminal 15 Voltage condition: - Onbox	rd sleet - None	NO FR mossos	N Enable (1984 month)	namittina control mo-luie	Carry out system analysis.	US emissions warning lamp: off - US electronic engine power reduction: off - CC message: none	0000	Possible apparent symptoms:	Breakdown notice: None	None
	module present for longer than 1 min.	Terminal 15 Voltage condition: - Onbox	- section	i v ==COMBS	- r-son with that	nsmitting control module -	(	- CC message: none  - ECE emissions warning lamp: off		Pedal progression cannot be switched	75.0	150.00
	The fault is recognized when the message is not received in the specified time.							off - ECE electronic engine power reduction: off - CC message: none				
ME/ID17.2 No message conflucation, well-h, divine demants. The discondit function months recession of the	Potential problem source(s): The diagnostic fault code is						-	US emissions warning lamp: off - US electronic engine power		Possible apparent symptoms:	Breakdown notice:	
ME/CIT7.2 No message (configuration, seith, diving gnamins, BR0000 (nCD0704 134756) 2724.8), receiver CME/CIC transmitter CIM message.  The diagnostic function members reception of the message.	Fault with transmitting control logged when the fault remains present for longer than 2 min.	Terminal 15 Voltage condition: - Onbox	rd elect - None - None	NO FR message	N - Fault with tran	nsmitting control module -	Carry out system analysis.	reduction: off - CC message: none	none - Pr	Possible apparent symptoms: ledal progression cannot be switched.	preaktown notice: None	None
					1							
	The diagnostic fault code is							- ECE emissions warning lamp: off - ECE electronic engine power reduction: off				
	The diagnostic fault code is logged when the message has a checksum error.							off - ECE electronic engine power reduction: off - CC message: none US emissions werning lamp: off				
MEVD17.2 BR0000 0xC00700 1347564  Message (configuration seeks, closing opposition, seeks, closing opp	The dispositic fault code is togged when the measure has a checkware error.  Fortered problem source(s):  - Fault with transmitting control model's fault memory models suit memory.	Terminal 15 Voltage condition: - Onbox	of elect - None - Hone	NO FR message	N - Fault with too	nsmitting control module	Carry out system analysis.	off - ECE electronic engine power reduction: off - CC message: none	none - Pi	Possibile apparent symptoms: redal progression cannot be switched.	Breakdown notice: None	None
Mesage (configuration, switch, during g-paintics, 22.4.4) endeaven error, scored MESCE. The diagnostic function monitors the checkward of the message.	logged when the message has a checksum error.  Potential problem source(s): This fault is logged in the control roodule's fault memory	Terminal 15 Vottage condition: - Onboo	of effect - None None	NO FR message	54 Fault with tran	namitting control module	Carry out system analysis.	off of off off off off off off off off	none - Pi	Possible apparent symptoms: edul progression cannot be avilithed.	Breakfown notice: Notice	None
MENOT7-2: BR0000 InCOTTR 1347544 Measure error, excess FMECIOE. The diagnostic function motions the diseasure of the measure.	togget when the message has a change of the change of the change of the corner production sources(s). This fault is logged in the corner reducts but memory reducts but memory mended but memory mended but	Terminal 15 Vivitage condition - Onboo	d deef Nova - None	NO PRI message	N - Food with tree	numiting control module -	Carry out system analysis.	off of the control of	none - Pi	Possible appaient symptoms: setal progression cannot be switched.	Breakdown notice: None	None
80000 6cC0708 147544 Issuenthal CM massage.	logged visin the message has a disclassion men. Posterial problem sources). This fault is logged in the correct models. The correct models are considered on the correct models and memory amount of the correct the source of the correct the	Terminal 15 Voltage condition: - Onco	of disce- Nova - Nova	NO Fit message	N - Fault with tree	namiliting control module	Carry out system analysis.	ECE electronic angine dever  C.C. missage: none  University of the control of the	nonè - Pi	ledal progression cannot be switched.	None	Note
ME/IO17.2 Information of the Control	logged win the message has a delease men.  Potential problem sources). This faul is logged in the correct mental and the mental sources of the source mental sources and the source mental sources and the source the source source source the source source the source source the source source the source the the source the source the the source the the source the source the the source the source the the source the the source the the source the the source the the source the the source the the source the the source the the the source the the the source the the the the the the source the the the the the the the th	Ternaul 15 Voltage condition - Orbio  Ternaul 15 Voltage condition - Orbio	of discr. None - None  of discr. None - None	NO PR massage		namiding control module	Carry out system analysis.  Carry out system analysis.	-CCE sections full register for the control of the	nonè - Pi	Possible appeared symptoms: total progression cannot be antibode.	Braikfown notice More Braikfown notice Noze	Nove Nove
800000 InCOVID 1470544 Interest Income	logged view the message has a direlessment.  Potential profilers sources). This fault is logged in the control models but memory sources.  That with transfering control medicals.  The fault is recognised when the long-print recognised control transfering control profilers and the con	Ternaul 15 Voltage condition - Order Ternaul 15 Voltage condition - Order	of detect. None None  of detect. None None	NO FR missage			-	COE extraordinary power measure or of control of contro	nonè - Pi	edal progression cannot be avelethed.  Possible apparent symptoms:	None Braikfown notos:	Nove Nove
800000 InCOVID 1470544 Interest Income	logged value the message has a checken mer.  Posterial problems accreacy.  - Faul with harming control  - Faul with straining control  This faul is logged in the control models faul mismory services and the message of the control models faul mismory services and the message of the message	Terneul 15 Voltage condition - Octoo  Terneul 15 Voltage condition - Octoo	of discr. None . None	NO PR message			-	- CCE entormal proper preser induction of the Commission of the C	nonè - Pi	edal progression cannot be avelethed.  Possible apparent symptoms:	None Braikfown notos:	Nove Nove
MICCOTT 2 MICCOTT 3 MICCOT	logged vision the message has a production to message has a production of the control of the control position of the control of the control and the control of the control of the control and the control of the control of the control and the control of the control of the control and the control of the control o	Terminal 15 Obligage contilion: Onto	of discs. Name - Name	NO PE message	N - Fad with tree	nexifing contail module	Carry out system analysis.	-CCE extraction group power induction of the control of the contr	cons	redat progression carried be authored.  Possible appears symptoms.  None  Possible appears symptoms.	Nore  Brainform redice  Nore  Brainform redice	Nove Nove
MINIOTTS GC0000 Information CM message.  MINIOTTS GC0000 Information CM Message (which speed, 65.3.4) or creat, souther The diagnostic fundion reminders the currency of the message.  UNITY Message Monitoring Speed Afres Check Communication Speed  Message Monitoring Speed Afres Check Communication Speed	logged win the message has a checkman mer.  Posterial problems accreacy.  Facul with Yearing control  This faul is logged in the correct models.  The faul is recognized when the lawy with confort has not from the two posts confort has not from the message.  Posterial problems accreacy.  Facul with Yearing control  This faul is logged in the correct models for the message.  The faul is recognized when the message is not reconciled in the message is not reconciled in the specification.	Ternour 15 Vottage condition - Onco	of discs. Name - Name	NO PR message  NO PR message	N - Fad with tree	mandifing control module	-	- CCE distriction groups great induction of the consequence of the co	cons	redat progression carnot be authored.  Possible appeared symptoms.  None	Nove Brankform redice Nove	Nove Nove
MICCOTT 2 MICCOTT 3 MICCOT	logged when the message has a production and the control of the c	Terminal 15 Obligage contilion: Onto	of discs. Name - Name	NO Eff message  NO Eff message	N - Fad with tree	nexifing contail module	Carry out system analysis.	COE extraorior grove power induction of the company to the control of the company to the company	cons	redat progression carried be authored.  Possible appears symptoms.  None  Possible appears symptoms.	Nore  Brainform redice  Nore  Brainform redice	Nove Nove
MICCOTT 2 MICCOTT 3 MICCOT	logged when the message has a production man.  Posterial problems accuracy.  Faut with harming control  This faut is logged in the correct models. The man accuracy accuracy is a control of the control models accurate has not from the takes problems accuracy. This faut is logged in the correct models to control has not from the message.  Posterial problems accuracy. This faut is logged in the correct models to accurate the models to accurate the problems.  The faut with transfer, control models to accurate the message in accuracion of in the specified into.  Posterial problems accuracy. This faut is logged in the correct models to accurate the specified into.  Posterial problems accuracy. This faut is logged in the control models to models accurate the specified into.  The dispositio faut costs in logged when the message has a disclause more.	Terminal 15 Obligage contilion: Onto	of discs. Name - Name	NO ER message NO ER message	N - Fad with tree	nexifing contail module	Carry out system analysis.	COE message, one COE message, one COE message, more Machine of the coefficient of the coe	cons	redat progression carried be authored.  Possible appears symptoms.  None  Possible appears symptoms.	Nore  Brainform redice  Nore  Brainform redice	Nove Nove
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Microst 2	legopie view to message his as  production and the control of the	Terminal 15 Voltage condition - Onco  Terminal 15 Voltage condition - Onco	of desc. None - None	NO #1 message	N Facil with tree	namiding central module  ramiding central module  ramiding central module  ramiding central module	Carry and system analysis.  Carry and system analysis.  Carry and system analysis.  Carry and system analysis.  Carry and system analysis.	COE message rose  Bernston warming lamp of  COE message rose  COE	nome P	Possible appears symptoms.  Possible appears symptoms.  None  Possible appears symptoms.  Possible appears symptoms.  Possible appears symptoms.  Possible appears symptoms.	Brainform redice  Brainform redice  Brainform redice  More  Brainform redice  Brainform redice	Nove Nove Nove

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	The fault is recognized when the missage is not necessed in the specified into.		-0	reduction: off CC message: none	
ME/ICIT2- No message inclusif braining brayus, sum, 43.3.4). The diagnosis function monitors recoption of the	Potential problem source(s): - Faut with transmitting control module's faut it is logged in the control module's faut memory			issions warning lamp: off  sectronic engine power  reduction: off  Possible apparent symptoms:	Breakdown notice:
BH0202 0xC03644 13474398 repsirer DMECOE; transmitter DSC message. U1198 Lost Communication With Brake Torque	module immediately, Terminal 15 Voltage condition: - Onboard ele	- None NO FR message	N - Fault with transmitting control module - Carry out system analysis C	CC message: none none None None	None None
	The dianosalin fault node is		FCF	off	
	The diagnostic fault code is togget when the measure has a togget when the measure has a checksum error.		- US emis	reaution; off CC message: none sissen werning large; off	
ME) (1717.2.  Message (actual braiking brops, sum, 43.14) BG(000 GLCCCMAR) 1147432 c) indexture error receiver (MECOCE, treamber OSC message.  U1199 Message Monitoring Braile Torque Check Sum Error	Potential problem source(s): This fault is logged in the control - Fault with trearmiting control module's fault memory immediately. Terminal 15 Voltage confilion: - Onboard ele	None - None NO FR message	- US eli	sectronic engine power reduction: ord Possible apparent symptoms:  Comessage: none none None	Breakdown notice: None None
				ECE: ornications warming large:	
	The fault is recognized when the		- ECE of	articocutus warming unip.  off  deterosic engine power  reduction: off	
	keep-alive counter has not linned the message.		-0	CC message: none MY10 US: Basicon working lamp: on	
ME/10/12 - BR0000 (ht/C09800 15474592) review OME/COC (assentime ISS). The diagnostic function members the currency of the message. U1 195 Message Monitoring Wheel Speed Alve Check Communication	Potential problem source(s): - Fault with branniting control Wheel Speed Tries that is logged in the control module's fault memory Wheel Speed Tries that is logged in the control module's fault memory Terminal 15 Voltage condition - Ontoord ele	None NO FR message	- US eld	declaration and state of the control	Breakdown notice: Notice Notice Notice
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				missions warring large.  off slactonic regine gover reduction: off	
	The fault is recognized when the message is not received in the specified time.			Comeraging more MY19 US: MY19 US: MSGone warring lamp: on MSGONE warring lamp:	
ME/10/172- BR0000 On/CDBM 15474564 DMcCDE spanning GS. The diagnosis function monitors reception of the	Potential problem source(s): - Fault with transmitting control modules fault memory  Method Spood modules fault memory  Tormical 45. Violence condition. Onbood of	Non NO ER manage			Breakdown notice: None None
BIQ020 InCOMPA 15474594 DIRECTICE, parameter CISIC message. U115D Lost Communication With Wheal Speed Communication	Wheel Space module immediately, Terminal 15 Voltage condition - Ontoperd side	- Notice PC PT missingle		CC message_on	NOTE NOTE
				missions warring large.  off slactonic regine gover reduction: off	
	The diagnostic fault code is logged when the missaage has a checksum error.				
MENOT72 — Message (about wheel expect. 45.5 1) deletions error. The disposals function monitors the deletions of the	Potential problem source(s): - Fault with transmitting control module's fault memory		- US emicino	MY10 US  disclore working lamp; on  declored: engine power  reduction: of  Possible apparent symptoms:	Breakdown notice:
BIGGDD InCORRES 13474588 receiver DMECOCE, transmitter USC message. U1196 Message Monitoring Wheel Speed Check Sum Error Communication	Wheel Spised module immediately, Terminal 15 Voltage condition: - Onboard eld	- NONE NO FR massage	N - Fault with transmitting control module - Carry out system analysis I	CC message: on none None  None  ordinates awaring large:	None None
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	keep-alive counter has not fined the message.		- US emis	DC message: none issions worring tamp: off	
MEI/017.2: Mescage (progludnia acceleration, centre of gravity, 55.0.2) recrument, ensire OME/DCE, barrenibler The diagnostic function monitors the currency of the message.	Potential problem source(s): This faunt is logged in the control - Faunt with transmitting control modules faunt mamony immediately. Terminal 15 Voltage confilion: - Onboard ole	- None NO FR message	- US elv	Acctoric regrie power Possible apparent symptoms: - reduction: of The cit pressure indicator lamp may light up during acceleration.  - The cit pressure indicator lamp may light up during acceleration.	Breakdown notice: None None
			- ECE or	emissions warning lamp:	
	The fault is recognized when the message is not received in the		- 603 -	slectronic engine power modution off  Comessage: none	
	specified time.		- US emic	incines wereing larger off	
ME:(O17.2- No message forglutinal acceleration, centre of Section 1972 of the diagnostic function monitors reception of the message.	Potential profesiin source(s): -Fauth with transmitting control module's fauth sinopped in the control module's fauth simmony module's fauth simmony immediately. Terminal 15 Voltage condition: -Onboard eld-	None NO FR message		Possible apparent symptoms: Possible apparent symptoms: Possible apparent symptoms: - The city pressure indicate time may light up during - Comessage: none none none	Breakdown notice: None None
				emissions warning lamp; off distortonic engine power	
	The diagnostic fault code is logged when the message has a checksium error.			reduction: off CC message: none	
Message (onglidinal acceleration, control of gravity, MEVC112- 55.0.2) devisious more, receive OMECCEC, swarmford. The diagnostic function monitors the devisious of the	Potential problem source(p): - Fault with transmitting control module's fault is logged in the control module's fault memory		- US eli	issions warning lamp: off Possible apparent symptoms: - The oil pressure indicator lamp may light up during	Breakdown notice:
9600 SC000 11700 CU	module immediately. Terminal 15 Voltage condition: - Onboard etc	None - None NO FR message	N - Fault with transmitting control module - Carry out system analysis C	CC message: none none acceleration.	None None
			Ere a	missions warning lamp: off slectronic engine power	
	The fault is recognized when the leap-aire counter has not tired the measure.			Modulation off CO message: none	
Message (lateral acceleration, centre of grants).  Message (lateral acceleration, centre of grants).  SS (3) (red current, receiver UNECOCE, transmitter The diagnostic function members the currency of the message.	Potential problem source(s): - Fault with transmitting control module's fault memory		-US els	issions warring lamp: off  Possible apparent symptoms:  reduction: off  - The oil pressure indicator lamp may light up during	Breakdown notice:
850200 0cC00E02 9475300 ICM message.	module immediately. Terminal 15 Voltage condition: - Onboard elé	None - None NO FR meddage		CC message: none Isteral acceleration/comering.	None None
	The fault is recognized when the			of determine and the second of	
	message is not received in the specified time.			Comessage: none sistens warring lamp: off sistens warring lamp: off sectors engine power Possible apparent symptoms:	
MENTIT 2 The Research of the R	Potential problem source(s): This faut is logged in the control  - Faut with transmitting control module's fault memory module immediately. Terminal 15 Voltage condition: - Chrobard ele	- None NO FR message		Acctoric regrie power Possible apparent symptoms:  - Possible apparent symptoms: - The cil pressure indicator lamp may light up during steroic none steroic acceleration connecting.	Breakdown notice: None None
			- ECE or	amissions warning larne:	
	The diagnostic fault code is topged when the message has a checkstum ernor.			electronic engine power reduction: off Comessage: none	
Message (silent all acceleration, comine of graph),  MEYCH12-  SS 0,2 (develoum error, receive) CMECOEC, searontee  The diagnostic function monitors the directions of the			- US emic	issions warning lamp; off fischonic egyine power reduction of  - The oil pressure indicator lamp may light up during	
ME/IG17.3- 55 0.2) checksom error, receive CME/CDCE, transmitter The diagnostic function monitors the deviction of the missiage.	Potential profesiin source(s): - Fautil with transmitting control - modular laut minrory - modular laut minrory - immediately - Terminal 15 - Voltage condition: - Onboard eld	None NO FR message	N - Fault with transmitting control module - Carry out system analysis C	reduction: off - The oil pressure indicator lamp may light up during CC message: none none lateral acceleration/comering.	Breakdown notice: None None
				omissions warming lamp: of distributions are stated to the state of th	
	The fault is recognized when the keep-view counter has not timed the message.		-0	reduction: off CC message: none	
Metago (Chrystell Statis) Control distillation.  41.10 per control control (Chrystell Statis) Control distillation.  The dispression function mobiles the currency of the	Potential problem source(s): This fault is logged in the control - Fault with transmitting control modula's fault memory		- US eli	issions warning tamp: off Possible apparent symptoms: - Cruise control failure  - Cruise control failure	Breakdown notice:
80(20) 9(7)(7)(2) 147(50) 0)(5 message U1125 Message Methods) (2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	module immediately. Terminal 15 Vottage condition: - Onboard ele	None NO FR message		CC message, none none, -Accelerator pedal progression failure omissions warning lamp;	None None
	The fault is recognized when the		FCF	off	
	The fault is recognized when the message in not received in the specified time.		- US emis	realution; off CC message; none Sissions working large; off	
METICHT 2 B00000 0xC00F64 15475588 w message (Dynamic Stability Control stabilisation, The diagnostic function mentions recoption of the message. U1136 Lost Communication With DSC Status Communication With DSC Status Communication With DSC Status	Potential problem source(s): - Faut with barrantiting control modulatis such memory DSC Status modulating control modulatis such memory modulating the memory mediating. Terminal 15 Voltage confilion: - Onboard ele	None NO FR message	- US els	Rectronic angine power reduction of Possible apparent symptoma: reduction of Commissage: none none - Acceptance possible apparent symptoma: reduction of Commissage: none - Acceptance possible	Breakdown nośce: None None
			- ECE or	emissions warning lamp:	
	The diagnosis fault code is logged when the message has a checkstum error.		- ECE al	alectronic engine power modution off CO-Comessage: none CO-Comessage: none CO-Comessage: none	
	Potential problem source(s): This fault is logged in the control		- US emis	intings weeking from: off	
Message (Dynamic Stability Control stabilisation,			- US ele		
Mesago (Pupular Stately Control stabilisation.  Mes 2017 2  Mesago (Supular Stately Control stabilisation.)  1. 2) reclassion on Control (Mesago (Mesa	Fault with transmitting control module's fault memory     module immediately. Terminal 15 Violage condition: - Onboard ele	- None NO FR message	N - Fault with transmitting control module - Carry out system analysis C	reduction: off - Cruise control failure  CC message: none - Accelerator pedal progression failure	Breakdown rolice: None None
MEVCV17.2. BNC0000 IncCOFF08 15475002 V1475002 V1475002 V1475002 V157500 V1575	module immediately. Terment 15 Vottage contition: -Orisoned del	- None NO FR message	N - Fault with transmitting control module - Carry Cut system analysis C - ECE e - ECE e	Comessage none - Accelerator pedal progression fature - A	Breakdown notice: None None
MESVOT22- BRIGGS BASED Confess Statisty Control solidation. The Suggested fundion monitors the disease of the Message Monitoring DSC Status Check Sum Error	models immediately Termonal 15 Vollage condition - October del	-None NO FR message	N -Fault with transmitting control modules -Carry cut systems analysisCC -ECC is -E	Conseque none - Accelerator pictal progression fature and accelerator pictal pi	Breakdown ricke: None None
BR0000 BrC0FFB 147502 DEC message U1127 Message Montoning CSC Blata Owar Sunt Env	module immediately Terminal 15 (village condition - Obtoord did  The ball is accoption when the lawage-size constraint and of mode the president constraint and of mode the president constraint and of mode  President protein execution.  - Fruit and immediately condition  - Fruit and immediately c	-None NO FR message	N Fault with transmitting control modules Carry and systems analysis. CC EC	Consequence none - Accelerator petal progression failure  - Accelerator petal progression failure  of   distriction of   dist	None  None  None  Parallel or first deletion can be carried out only after
BR0000 BrC09F0 147500 DSC message U1127 Message Monitoring DSC Stata Oxeo Sum Error  Massage Impact, wheat trops, dive table, sum FAS,	module immediately. Terminal 15 Vollage condition: - Orbitoard del The shalf is recognized when the leave the control has not fined the message. Periodic profession sources): This fault is logged in the control	None         NO         FR message           None         NO         FR message	N Fault with transmitting control module Carry out system analysis CC EC	Conseque rook - Accelerator padal progression fautre  Accelerator padal progression fautre  and conseque rook - Accelerator padal progression fautre  accelerator complex power  establishor of  readures of  readure	None None
BR0000 BCD970 147592 DDC message U1117 Message Montoning DDC Blass Owed Burn Envi	models immediately Terrinal 15 (vollage condition Obtooed did  That faul is recognized when the less plate counter has not formed the message.  Privately problem sources!  - Pour law message.  Privately problem sources!  - Pour law message condition - Obtooed did  message condition - Obtooed d	- None NO FR message  - None NO FR message  - None NO FR message	N Fault with transmitting control module Carry out system analysis CC EC	Conseque note - Accelerator padal progression fauture - Accelerator padal progression - Accele	None
BR0000 BCD970 147592 DDC message U1117 Message Montoning DDC Blass Owed Burn Envi	modele immediately Terrinal 15 (village condition - Obtoxed del  The faull is scooplined when the is  take parties contain has not freeze  the message.  Privated problem sourcess?  - Paull with proviniting condition - This faul is lapped in the control  modular fault in strong condition - This faul is lapped in the control  modular fault in strong condition - This fault is lapped in the control  modular fault in strong condition - Obtoxed del  The fault is recognition when the  time service control that not freeze  the message or the message  decisions an account.	None         NO         FR message           - None         NO         FR message	N -Fault with transmitting control modules -Carry and system analyses -CEC et -EEE et -CEC et -EEE et -CEC et -EEE et -CEC et -EEE et -CEC et	Conseque roots Accelerator patal progression fautre  Accelerator patal progression fautre  Accelerator patal progression fautre  Conseque root  Accelerator patal  Conseque root  Accelerator patal  Conseque root  Accelerator patal  Conseque root  Accelerator patal  Possible apparet symptoms  - Conseque root  - C	None
BR0000 INCOMPA 194900 DISC Message Monitoring DISC Blass Owas Burn Error  MENOT72 BR0000 INCOMPA 1949900 INCOMPA 194990 INCOMPA 19499	module immediately Terrinal 15 (village condition - Obtoord did to the committee of the com	s. None NO FE message	N -Fault with transmitting control modules -Carry out system analysisC -ECE et -ECE	Conseque roots  Accelerator sende programme  Accelerator sende part  of recommendation of the consequence of	Nove Nove Nove Nove Nove Nove Nove Nove
BR0000   BCOPPRI   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500   197500	module immediately Terrinal 15 (village condition - Obtoord did to the committee of the com	s. None NO FE message	N -Fault with transmitting control modules -Carry and system analysisCEC et -ECE et	Conseque roots  Accelerator sandle progression faulus  Accelerator sandle progression faulus  Conseque roots	Breakdown redoc:  - Cubia control deletion can be carried and only where toxics Could be control deletion can be carried and only where toxics Could firemany thermical status arealth.  - Dubia control deletion can be carried and only where Breakdown redoc:  - Cubia control deletion can be carried and only where
BR0000 BCC9FF01 197502 DDC message U1117 Message Monitoring DDC Blanc Oward Burn Error  Message (request, wheat through, does train, sum, FAX, BR0000 BCC00000 1975000000000000000000000000000000000000	modele immediately Terrinal 15 (village condition Obtooed did  The facility assignment when the temps also counter has not from the temps also good and the temps and temps also counter models.  Part with the temps also counter models that the counter models.  The fault is ecopylated when the counter models that the temps also counter that the temps and the temps are the resistance of the temps and the temps are the counter models.  The fault is ecopylated when the counter models are counter that the temps are counter that the	s. None NO FE message	N -Fault with transmitting control modules -Carry and system analysisCC III -CC III	Conseque price on the Consequence of	Breaktown notice:  - Cubia control deletion can be carried and only where caseing ECU dust remonytermine atoms which there  Breaktown notice:  - Cubia control deletion can be carried and only where
MESICIT 2-  MESICI	modele immediately Terminal 15 (village condition - Obtoxed del  Trail faull is unopplied when the te- two-plate counter has not friend  the message.  Protecting profess sources by:  - Fault with trainfolling condition  - The ball is in suppopried where the   - The ball is in suppopried where the  - The ball is in suppopried where the  - The ball is in suppopried where the  - The ball is condition.  - The ball is in suppopried where the  - The ball is suppopried where  - The  - The ball is suppopried where  - The  - Th	s. None NO FE message	N -Fault with transmitting control modules -Carry and system analysisCC -CC -CC -CC -CC -CC -CC -CC -CC -C	Conseque price of Conseque power of Conseque pow	Nove Nove Nove Nove Nove Nove Nove Nove
BR0000 INCOMPA 194900 DISC Message Monitoring DISC Blass Owas Burn Error  MENOT72 BR0000 INCOMPA 1949900 INCOMPA 194990 INCOMPA 19499	modele immediately Terrinal 15 (village condition Obtooed did  The facility assignment when the temps also counter has not from the temps also good and the temps and temps also counter models.  Part with the temps also counter models that the counter models.  The fault is ecopylated when the counter models that the temps also counter that the temps and the temps are the resistance of the temps and the temps are the counter models.  The fault is ecopylated when the counter models are counter that the temps are counter that the	- None NO FR message  - None NO FR message	N -Fault with transmitting control module -Carry out system analysisCC -ECE et -CCE	Conseque roots  Accelerator settal progression factors  of a part purpose and progression factors  of a part purpose and accelerator of a part purpose and accelerator of a purpose and accelerator accelerato	Nove Nove Nove Nove Nove Nove Nove Nove
MINIOT7.2. MINIOT7.2. MINIOT7.2. MINIOT7.2. MINIOT7.3.	models immediately Terrinal 15 (village condition Oncode did village condition Oncode di	- None NO FR message  - None NO FR message	N Fault with transmitting control modules	Conseque rose  Accelerator settle group  Accelerator settle group  Conseque rose  Accelerator settle group  Conseque rose  Accelerator settle group  Conseque rose  Accelerator settle group  Accelerator settle  Accelerato	Braildown reduce  Cualse control deadlor on the control of of yilly braildown reduce  Braildown reduce  Cualse Control deadlor on the control of of yilly braildown reduce  Braildown reduce  Cualse Control deadlor can be control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly
MINIOT7.2. MINIOT7.2. MINIOT7.2. MINIOT7.2. MINIOT7.3.	models immediately Terrinal 15 (village condition Oncode did village condition Oncode di	- None NO FR message  - None NO FR message	N Fault with transmitting control modules	Conseque rote  Accelerator settle part  of a part person  of a par	Braildown reduce  Cualse control deadlor on the control of of yilly braildown reduce  Braildown reduce  Cualse Control deadlor on the control of of yilly braildown reduce  Braildown reduce  Cualse Control deadlor can be control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly
MeSCUT2.  Mescage (regard, wheat prop. disk to the sum of the diagnostic function monitors the currency of the message.  MESCUT2.  MESCU	models immediately Terrinard 15 (Voltage condition Ontoxical disk  The fault is recognized when the the two pulse counter has not freed the message.  Privated problem sources or - Fault with smoothing control - Fau	- None NO FR message  - None NO FR message	N -Fault with transmitting control module -Carry and system analysisCit of -ECE of	Conseque roots  Accelerate pada progression faults  Conseque roots  Conseque roots  Conseque roots  Accelerate graph power  Conseque roots  Accelerate graph power  Conseque roots  Accelerate graph power  Accelerate graph power  Conseque roots  Accelerate graph power  Conseque roots  Accelerate graph power  Conseque roots  Accelerate graph power  Accelerate graph p	Breakfown notice:  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be contact and only when Notice  - Chains control deletion can be contact and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains control deletion can be carried and only when Notice  - Chains co
MINIOT7.2. MINIOT7.2. MINIOT7.2. MINIOT7.2. MINIOT7.3.	models immediately Terminal 15 (Voltage condition - Ontoxical del  The fault is recognized when the  lavary site country has not finded  the message.  Prilateliar problem sources  - This fault is logged in the control  models are country to the country   - That start is recognized when the  lavary short country has not finded  the country has not country has not finded  the country has not f	- Nove NO FR message  - Nove NO FR message  - Nove NO FR message  - Nove NO FR message	N -Fault with transacting control modules -Carry and system analyses -CEC et -	Conseque root  Accelerator satella properator factors  Accelerator satella properator  Conseque root  Accelerator satella properator  Accelerator  Accelerator	Braildown reduce  Cualse control deadlor on the control of of yilly braildown reduce  Braildown reduce  Cualse Control deadlor on the control of of yilly braildown reduce  Braildown reduce  Cualse Control deadlor can be control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly  Braildown reduce  - Cualse Control deadlor can be control and only yilly
MeSCUT2.  Mescage (regard, wheat prop. disk to the sum of the diagnostic function monitors the currency of the message.  MESCUT2.  MESCU	The faul is recognized when the three beautiful processes of the control models and the con	- Nove NO FR message  - Nove NO FR message  - Nove NO FR message  - Nove NO FR message	N -Fault with transmitting control module - Carry and system analysis - C - CC - C - C - C - C - C - C - C -	Consequence (note) and content (above and content (	Breakfown redoc:  - Cuales control deletion can be carried and only after the control of the control deletion can be carried and only after the control of t
MINISTER  MINIST	models immediately Terrinal 15 (Voltage condition - October del  The faul is recognised when the  New puber counter has not freely  the counter has not freely  the message.  Private proteins sources) - Fruit with recognised when the  New puber counter has not freely  the message or the message  Private counter has not freely  the message or the message  Private proteins sources) - Fruit with prevention sources) - Fruit with prevention sources) - This shall be special for the counter  sources of the message has  declarate or  the special for the message has  declarate or  freely provided freely  The shall be special for the counter  sources of the message has  declarate or  freely provided freely  The shall be special for the counter  sources freely  The shall be special for the counter  sources freely  The shall be special for the counter  sources freely  The shall be special for  sources freely  The shall be special for the counter  message so not received in the  special form  The shall be special for the  message so not received in the	- Nove NO FR message  - Nove NO FR message  - Nove NO FR message  - Nove NO FR message	N -Fault with transmitting control module - Carry and system analysis - C - CC - C - C - C - C - C - C - C -	Consequence (Consequence (Conse	Breakfown redoc:  - Cuales control deletion can be carried and only after the control of the control deletion can be carried and only after the control of t
MeSCUT2.  Mescage (regard, wheat prop. disk to the sum of the diagnostic function monitors the currency of the message.  MESCUT2.  MESCU	The faul is recognized when the three beautiful processes of the control models and the con	- Nove NO FR message  - Nove NO FR message  - Nove NO FR message  - Nove NO FR message	N -Fault with transmitting control module - Carry and system analysis - C - CC - C - C - C - C - C - C - C -	Consequence (note) and content (above and content (	Breaktown redoc:  - Cuales control deletion can be carried and only offer More and the Control of C

			<u> </u>											
										- ECE emissions w				
					The diagnostic fault code is logged when the message has a					- ECE electronic e reduction - CC message	gine power off			
					checksum error.					- US emissions war	ng lamp: off			
MEVD17.2- BN2020	0xCDA108 1347610	Message (roadway inclination, 56.1.2) checksum error, 04 receiver DME/DDE, transmitter ICM	. The diagnostic function monitors the checksum of the message.		Potential problem source(s): - Fault with transmitting control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO CAN message	N - Fault with transmitting control module	- Carry out system analysis CC messag	off	Possible apparent symptoms: None	Breakdown notice: None	- Data configured for diagnostic routine
										- ECE emissions w				
					The fault is recognized when the					- ECE electronic e reduction  - CC messag	ef			
					message is not received in the specified time.					- US emissions war	ng lamp: off			
MEVD17.2- BN2020	0xCDA204 1347635	No message (request, power, electrical, electromechanical power steering, 234.0.2), receiver DME/DDE, transmitter EPS	The diagnostic function monitors reception of the message.		Potential problem source(s): The diagnostic fault code is - Fault with transmitting control logged when the fault remains present for longer than 1 min.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO FR message	N - Fault with transmitting control module	- US electronic er reduction - Carry out system analysis CC messag	off	Possible apparent symptoms:  - The engine can stall in response to rapid steering motion to full-lock.	Breakdown notice: None	None
										- ECE emissions w				
					The fault is recognized when the					- ECE electronic e	gine power			
					The fault is recognized when the keep-alive counter has not timed the message.					reduction - CC messag - US emissions wa				If an error related to redundant information from the DMC occurs at the same time there will be no torque.
MEVD17.2-		Message (vehicle standstill, 263.1.4) not current,	The diagnostic function monitors the currency of the		Potential problem source(s): The diagnostic fault code is - Fault with transmitting control logged when the fault remains					- US electronic en reduction	ine power off	Possible apparent symptoms:	Breakdown notice: - Never drive off with EMF electromechanical parking	reduction during attempts to accelerate against an engaged EMF electromechanical parking brake. As a worst-case scenario this could damage the brake
BN2020	0xCDA302 1347661	10 receiver DME/DDE, transmitter DSC	message.		module present for longer than 1 min.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO FR message	N - Fault with transmitting control module	- Carry out system analysis CC messag - ECE emissions w		None	brake engaged!	system and the drivetrain.
										off - ECE electronic e	gine power			
					The fault is recognized when the message is not received in the specified time.					reduction - CC messag	none			If an error related to redundant information from the DMC occurs at the same time there will be no torque reduction during attempts to accelerate against an
MEVD17.2-		No mannan (unhida stradelili 202 1 6) maniar	The disposation transfers recognized the		Potential problem source(s): The diagnostic fault code is logged when the fault remains record for longer than 3 min.					- US emissions war - US electronic er reduction	ine power	Possible apparent symptoms:	Breakdown notice: - Never drive off with EMF electromechanical parking	
	0xCDA304 1347661	12 DME/DDE, transmitter DSC	The diagnostic function monitors reception of the message.		module present for longer than 2 min.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO FR message	N - Fault with transmitting control module	- Carry out system analysis CC messag	none none	None	brake engaged!	worst-case scenario this could damage the brake system and the drivetrain.
										- ECE emissions w off - ECE electronic e	sine power			
					The diagnostic fault code is logged when the message has a					reduction - CC messag	off			If an error related to redundant information from the DMC occurs at the same time there will be no torque.
					checksum error.  Potential problem source(s): - Fault with transmitting control logged when the fault remains					- US emissions war - US electronic en reduction	ng lamp: off ine power		Breakdown notice: - Never drive off with EMF electromechanical parking	reduction during attempts to appalacete against on
MEVD17.2- BN2020	0xCDA308 1347661	Message (vehicle standatill, 263.1.4) checksum error, 16 receiver DME/DDE, transmitter DSC	The diagnostic function monitors the checksum of the message.		Fault with transmitting control logged when the fault remains present for longer than 1 min.	Terminal 15	Voltage condition: - Onboard elect - None	None NO FR message	N - Fault with transmitting control module	- Carry out system analysis CC messag	off none none	Possible apparent symptoms: None	Never drive off with EMF electromechanical parking brake engaged!	worst-case scenario this could damage the brake system and the drivetrain.
										- ECE emissions w off - ECE electronic e	ming lamp:			
					The fault is recognized when the keep-alive counter has not timed					- ECE electronic e reduction - CC messag	off			
					keep-alive counter has not timed the message.  Potential problem source(s): This fault is logged in the control					- US electronic en	ng lamp: off ine power			
MEVD17.2- BN2020	0xCDA402 1347686	Message (actual steering angle, front ade, 57.1.2) not ourrent, receiver DME/DDE, transmitter SZL	The diagnostic function monitors the currency of the message.		Potential problem source(s): This fault is logged in the control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO FR message	N - Fault with transmitting control module	reduction - Carry out system analysis CC messag	off	Possible apparent symptoms: None	Breakdown notice: None	None
										- ECE emissions w	ming lamp:			
					The fault is recognized when the					- ECE electronic e reduction	ef			
					message is not received in the specified time.					- CC messag	ng lamp: off			
MEVD17.2- BN2020	0xCDA404 1347686	No message (actual steering angle, front axle, 57.1.2), receiver DME/DDE (FlavRay), transmitter SZL 68 (FlavRay)	The diagnostic function monitors reception of the missage.		Potential problem source(s): - Fault with transmitting control module's fault memory immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO FR message	N - Fault with transmitting control module	- US electronic er reduction - Carry out system analysis CC messag	off	Possible apparent symptoms: None	Breakdown notice: None	None
										- ECE emissions w				
					The diagnostic fault code is					off - ECE electronic e reduction	off			
					logged when the message has a checksum error.					- CC messag	none			
MEVD17.2-		Message (actual steering angle, front axie, 57.1.2)	The diagnostic function monitors the checksum of the		Potential problem source(s): - Fault with transmitting control module's fault memory					- US electronic er reduction	ine power off	Possible apparent symptoms:	Breakdown notice:	
BN2020	0xCDA408   1347687	72 checksum error, receiver DME/DDE, transmitter SZL	message.		module immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None INO FR message	N - Fault with transmitting control module	- Carry out system analysis CC messag - ECE emissions w		None	None	None
										off - ECE electronic e	gine power			
					The fault is recognized when the message is not received in the specified time.					reduction - CC messag	none			
MEVD17.2-		Nn messane (risniau I DM 1 195 0 2) reneiver	The diagnostic function monitors reception of the		Potential problem source(s): This fault is logged in the control module's fault memory					- US emissions war - US electronic er reduction	ng lamp: off ine power	Possible apparent symptoms:	Breakdown notice:	
BN2020	0xCDA410 1347688	80 DME/DDE, transmitter ICM	mssage.		module immediately.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO FR message	N - Fault with transmitting control module	- Carry out system analysis CC messag	none Only in vehicles with MSA	None	None	None
					The fault is recognized when the					- ECE emissions w off - ECE electronic e				
					keep-alive counter has not timed the message and the message checksum is incorrect.					reduction - CC messag	off none			
		Message (status, seat belt contact, seat occupancy,	The diagnostic function monitors the currency and the		Potential problem source(s): The diagnostic fault code is - Fault with transmitting control logged when the fault remains					- US emissions war - US electronic en	ng lamp: off ine power			
MEVD17.2- BN2020	0xCDA512 1347713	0x297) not current, receiver DME/DDE, transmitter ACSM	The degreeds tunction monators the currency and the checksum of the message.		- Fault with transmitting control logged when the fault remarks module present for longer than 1 min.	Terminal 15	Voltage condition: - Onboard elect - None	- None NO CAN message	N - Fault with transmitting control module	- Carry out system analysis. reduction	none none	Possible apparent symptoms: None	Breakdown notice: None	None
										- FCF emissions w	mine forms			1
							1 1		1 1	- ECE emissions w	ming samp.			
					The fault is recognized when the message is not received in the					- ECE electronic e reduction	gine power off			
					message is not received in the specified time.  Potential nothern source(s): This fault is innered in the control					- ECE sketchnice or record of the control of the co	ine power off india ing lamp; off ine power			
MEVD17.2- BN2020	0xCDA514 1347714	No message (status, seat belt contact, seat occupancy, ep. (scatus) according to the contact seat occupancy on the contact seat occupancy of the contact seat occupancy occupancy of the contact seat occupancy occupanc	. The diagnosic function mentions reception of the message.		message is not received in the specified time.	Terminal 15	Voltage condition: - Ontoperd sleet - None	-None NO CAN message	N - Fault with transmitting control module	- ECE electronice reduction - CC mescaleg - US emissions war	jina power off none ng jamp: off ine power off	Possible apparent symptoms: None	Braakdown nolice: Notes	None
MEVD17.2- BN2020	0xCDA514 1347714	No message (status, seal ball cortact, seal occupancy) 0:0297), second DMEDDE, spacement ACSM	. The diagnosic function monitors reception of the monitory.		message is not received in the specified time.  Potential nothern source(s): This fault is innered in the control	Terminal 15	Voltage condition: - Ciriban's elect. None	-Nora NO CAN message	N - Faul with transmitting control module.	ECE electronic or except process of the control of the contro	jine power off none gli tamp; cdf ne power one no power one none none none	Possible appaient symptoms: None	Breakfown nolice: None	None
MEVD17.2- BN2020	0xCDA514 1347714	No message paths, seat bull cortact, seat cocquires, 600 GoSY), receiver DMECCOE, transmitter ACSM	. The diagnosis function records reception of the missage.		message in not received in the specified time.  Protential problem source(s)  - Tout with traumining contest  This fault is logged in the control model's fault manny embedding.  The fault is recognized when the	Tenninal 15	Voltage condition - Ontoured above - None	- None NO CAM message	N Fault with transmitting control module	- ECE electronic en valuation de Contravalle en valuation de Contravalle en valuation de Contravalle en valuation en valu	jine govar  ord  ord  ord  ord  ord  ord  ord  or	Possible appoint symptoms: None	Breakdown rodoc Notes	None
MEVD17.2- BN2020	0xCDA514 1347714				measure is not received in the specified tree.  Posterior proteins counce(s):  - Fault with transmission council coun	Terminal 15	Natinga condition : Ontourd after: Name	- None NO CAN missage	N Fault with transmitting control module	- ECE descrotive in substance	jine gover of constant of cons	Possible appeared symptomic None	Braildone ricks: Nove	None
MEVD17.2- BN2020 MEVD17.2- BN2020	0xCDA514 1347714		The diagnositic function recordion of the interesting of the interesti		message in or received in the specified time. Protein for profession sources; - Fault with 's semanting context modular is recognitived when the message is not received in the	Terminal 15 Terminal 15	Natinge condition: - Ontoined elsect. Name  Voltage condition: - Ontoined elsect. Name	None NO CAM message	N Faul with transmitting control module  N Faul with transmitting control module	- ESC disclosion circle - Commander and - Com	jine goose jine of one	Possible apparent symptoms:  1606  Possible apparent symptoms:  Possible apparent symptoms:  Note	Braidinen nota: None  Braidinen nota: Braidinen nota: None	None None
MEVD17.2-	0xCDA514 1347714 0xCDA518 1347714	Message (status, seat belf contact, seat occupancy, 0x307 checksum error, receiver DME/DDE; transmitter	The diagnosic function monitors recoption of the		meases in not received in the specific first			None NO CAN message  None NO CAN message		- ECE extractive in extractiv	jine goonal of control	None Poseble apparent symptoms:	None  None  Breakdown notice:	None None
MEVD 17.2-	0xCDA514 1347714 0xCDA518 1347714	Message (status, seat belf contact, seat occupancy, 0x307 checksum error, receiver DME/DDE; transmitter	The diagnosic function monitors recoption of the		meases in not received in the specific first			-None NO CAM message -Tone NO CAM message		- CE electronic el common en el common el	pine power from right program garage of program	None Poseble apparent symptoms:	None  None  Breakdown notice:	None None
MEVD17.2-	0xCDA514 1347714 0xCDA518 1347714	Message (status, seat belf contact, seat occupancy, 0x307 checksum error, receiver DME/DDE; transmitter	The diagnosic function monitors recoption of the		measure is not received in the specific first of the specific firs			-Nove NO CAM message  -Nove NO CAM message		- ESC electronic el communica per de constitución de constitu	pine power  Total  rig lamp of the  pine power  of the  conse  co	None Poseble apparent symptoms:	Nova  Braildown India: Nova	None  None  None  Sea over related to advantate information from the DMC coorse after same time from the set to compare function during selection country selection
MEVD17.2-	0xCDA518 1347714	Message (status, seal bell context, seal company, Go27) checksum error, receiver DME COCT, terrentities ACCES of Coct (seal of Coct (seal of Coct)) checksum error, receiver DME COCT, terrentities ACCES of Coct (seal of Coct) checks standard parking brain, GO2CO; not Message (celefol standard parking brain, GO2CO; not	The diagnosic function monitors recoption of the		meases in not received in the specific first		Nation condition Ordinard sleep. Have	-None NO CAM message  None NO CAM message  -None NO CAM message	N Faul with transmitting control madels	- ECE description - Commanders are - Co	pine power  rip lame of rip  rip lame of rip  rip men of rip  rip men of rip  rip  rip  rip  rip  rip  rip  rip	None Poseble apparent symptoms:	None  None  Breakdown notice:	DMC occurs at the same time there will be no torque reduction during attempts to accelerate against an engaged EMF electromechanical parking brake. As a
MEVD17.2- BN2020	0xCDA518 1347714	Message (state, see for context, see congency, god??) cheasure error, receiver DMECOCE, transmitted 4.4	The diagnosis function receiption of the receip		message is not microside in the specified in the specifie			- None NO CAM message  - None NO CAM message  - None NO CAM message		- ESC electronics de Communication de C	pine goosel reg large cell reg large	Mone Possible apparent symptoms: Mone Possible apparent symptoms: Possible apparent symptoms:	Nove  Braildown refor:  Nove  Braildown refor:  -Nove day of all DEF electronscharter paining	DMC occurs at the same time there will be no torque reduction during attempts to accelerate against an engaged EMF electromechanical parking brake. As a worst-case scenario this could damage the brake
MEVD17.2- BN2020	0xCDA518 1347714	Message (status, seal bell context, seal company, Go27) checksum error, receiver DME COCT, terrentities ACCES of Coct (seal of Coct (seal of Coct)) checksum error, receiver DME COCT, terrentities ACCES of Coct (seal of Coct) checks standard parking brain, GO2CO; not Message (celefol standard parking brain, GO2CO; not	The diagnosis function receiption of the receip		messes is not received in the specific first of the specific first order in the specif		Nation condition Ordinard sleep. Have	- None NO CAM message  NO CAM message  NO CAM message	N Faul with transmitting control madels	- ECE electronice in valuation and control of the	pine gooset rig large cell rig large cell rig large cell rig large	Mone Possible apparent symptoms: Mone Possible apparent symptoms: Possible apparent symptoms:	Nove  Braildown refor:  Nove  Braildown refor:  -Nove day of all DEF electronscharter paining	DMC occurs at the same time there will be no tonous reduction during adherpts to accelerate against an engaged EMF electromechanical parting brake. As a worst-case scenario this could demange the brake system and the direction.
MEVD17.2- BN2020	0xCDA518 1347714	Message (status, seal bell context, seal company, Go27) checksum error, receiver DME COCT, terrentities ACCES of Coct (seal of Coct (seal of Coct)) checksum error, receiver DME COCT, terrentities ACCES of Coct (seal of Coct) checks standard parking brain, GO2CO; not Message (celefol standard parking brain, GO2CO; not	The diagnosis function receiption of the receip		meases is not received in the specific first of the specific first operation source(s).  This fault is incorporate where the received in the common modern than the received in the specific first.  The fault is incorporate where the received in the specific first.  Fault with transmitting control.  The fault with	Terminal 15 Terminal 15	Nation condition Ordinard sleep. Have	- Nove NO CAM message - Nove NO CAM message - Nove NO CAM message	N Faul with transmitting control madels	- ECE description - C. Cemerage - C. Cemera	pine power  righ many of riche  righ many of riche  and riche  ri	Mone Possible apparent symptoms: Mone Possible apparent symptoms: Possible apparent symptoms:	Nove  Braildown nota:  Nove  Braildown nota:  -Nove dive of his full field electronichariat palving forthe engaged.	OMO cocurs at the same time here will be no torque reduction during dempties to accelerate against an empages EMF electromechanical parking trails. As a worst-case science for Good clampe, the braile systems and the chief
MEVO17 2 - BNG020 MEVO17 2 - BNG020 MEVO17 2 - BNG020	0xCDA519 1347744 0xCDA702 1347785	Message (status, seal belf context, seal cocapancy, doc97) checksum error, receiver DMECOCE, transmitter of the company of the	The diagnosis function monthles reception of the mossage.  The diagnosis function mostless the currency of the mossage.  The diagnosis function mostless the currency of the mossage.  The diagnosis function mostless reception of the		messes is not received in the specific first of the specific first operation source(s).  This fault is incorporate where the received in the common modern than the received in the specific first.  The fault is incorporate where the received in the specific first.  Fault with transmitting control.  The fault with	Terminal 15 Terminal 15	Notage condition . Onload delcc. None  Notage condition . Onload delcc. None  Notage condition . Onload delcc. None	- None NO CAN message - None NO CAN message - None NO CAN message	N Fault with transmitting control module.  N Fault with transmitting control module.	- ECE description - Contraction - Contracti	pine power right proper right proper right proper right proper right power rig	Mone  Possible appower symptoms:  Mone  Possible appower symptoms:  Nees  Possible appower symptoms:  Nees  Possible appower symptoms:	Brainform ratio:  Brainform ratio:  Nove  Brainform ratio:  Nove disconnectional painting train support  train support  -New disconnectional painting train support  -New disconnectional painting train support  -New disconnectional painting di	CASC coars at the same time there all no or tongo reduction during effects because agents on engaged EM extrementances paring base. As a worst case science has could diverge the base of the coars and the could diverge the base gratery as the first diverged.  - If an error related to reduction information from the CASC cocars at the same time have will be no tongon reduction during diverges to acceptant agents an event case science for each diverged to agent an event case science for each diverged the base.
MEV017 2 - BH0020 MEV017 2 - BH0020 MEV017 2 - BH0020	0xCDA519 1347744 0xCDA702 1347785	Message (train, dust bet context, seet congency, 60/37) checkson encr. receiver DMECOEE, transmitter  ACEM  Message (helicie standel) paking brain, 62/200; no cyrrors, receiver DMECOEE, transmitter EME.	The diagnostic function monitors reciption of the missage.  The diagnostic function monitors the currency of the missage.  The diagnostic function monitors the currency of the missage.		messeys is not received in the specification.  Personal problems source(s): - Fourth with historical problems source(s): - Fourth with historical problems source(s): - Fourth with historical in the specification with the source of the sourc	Terminal 15 Terminal 15	Nation condition Ordinard sleep. Have	- None NO CAN message	N Faul with transmitting control madels	- ECE description - Commandation and - Commandation and - Commandation and - Commandation and - Commandation -	pine power righ parts of the section	Mone  Possible appeared symptoms:  Note:  Note:  Possible appeared symptoms:  Anne:  Possible appeared symptoms:  Mone:	Nove  Braildown nota:  Nove  Braildown nota:  -Nove dive of his full field electronichariat palving forthe engaged.	OMC occurs at the same time here will be no forque reduction during empress to accelerate against an empages EMF electromichanical parking brails. As a worst-case science for Good demaps the braile system and the other street, and the other s
MEV017 2 - BH0020 MEV017 2 - BH0020 MEV017 2 - BH0020	0xCDA519 1347744 0xCDA702 1347785	Message (status, seal belf context, seal cocapancy, doc97) checksum error, receiver DMECOCE, transmitter of the company of the	The diagnosis function monthles reception of the mossage.  The diagnosis function mostless the currency of the mossage.  The diagnosis function mostless the currency of the mossage.  The diagnosis function mostless reception of the		messey is not received in the specific first of the specific first	Terminal 15 Terminal 15	Notage condition . Onload delcc. None  Notage condition . Onload delcc. None  Notage condition . Onload delcc. None	None	N Fault with transmitting control module.  N Fault with transmitting control module.	- ESC electronic el commission ser el consistence de la commission ser el commissio	pine power from right proper of prop	Mone  Possible appower symptoms:  Mone  Possible appower symptoms:  Nees  Possible appower symptoms:  Nees  Possible appower symptoms:	Brainform ratio:  Brainform ratio:  Nove  Brainform ratio:  Nove disconnectional painting train support  train support  -New disconnectional painting train support  -New disconnectional painting train support  -New disconnectional painting di	OAC coars at the same time here will be no trongs reaction during effects to accesse agents on engaged EFF exchannel-brancia paring base. As a worst case sizeme to not differency that has worst case sizeme to not differency the basis gradient as they directly as gradient as they directly as gradient as they directly as gradient as they directly as produced as the same time here will be no trongs reduction during effective to accessed against an worst case scenario to access and the basis when the scenario of the scenario of the scenario of which is a scenario of the scenario of which is a scenario of which is which is which which is which which which which which which which which
MEV017 2 - BH0020 MEV017 2 - BH0020 MEV017 2 - BH0020	0xCDA519 1347744 0xCDA702 1347785	Message (status, seal belf context, seal cocapancy, doc97) checksum error, receiver DMECOCE, transmitter of the company of the	The diagnosis function monthles reception of the mossage.  The diagnosis function mostless the currency of the mossage.  The diagnosis function mostless the currency of the mossage.  The diagnosis function mostless reception of the		messes is not received in the specific first of the specific first operation source(s).  This fault is incorporate where the received in the common modern than the received in the specific first.  The fault is incorporate where the received in the specific first.  Fault with transmitting control.  The fault with	Terminal 15 Terminal 15	Notage condition . Onload delcc. None  Notage condition . Onload delcc. None  Notage condition . Onload delcc. None	-None         NO         CAN message           -None         NO         CAN message           -None         NO         CAN message           -None         NO         CAN message	N Fault with transmitting control module.  N Fault with transmitting control module.	- Ect electronic et account en electronic et	pine power  from  right present  of parties of the power	Mone  Possible appower symptoms:  Mone  Possible appower symptoms:  Nees  Possible appower symptoms:  Nees  Possible appower symptoms:	Brainform ratio:  Brainform ratio:  Nove  Brainform ratio:  Nove disconnectional painting train support  train support  -New disconnectional painting train support  -New disconnectional painting train support  -New disconnectional painting di	OAC coars at the same time there will be no tropic mechanisms of the production during details accessed as gained and evaporal of incommendency paring place. As a respect of the december of
MEVOT7.2 BR0009 MEVOT7.2 BR000	04CDA704 1347764	Message (states, stat belt context, seel conspany, 0c377) choosses error, receiver DMECOCE, transmitter  Message (vehicle standell parking braile, 0c300) or  parent receiver DMECOSE, transmitter DMF  No message (vehicle standell parking braile, 0c300), receiver DMECOSE, transmitter DMF  No message (vehicle standell parking braile, 0c300), receiver DMECOSE, transmitter DMF	r The diagnosis function receiption of the message.  The diagnosis function receiption is the answer; of the message.  The diagnosis function receiption strengtion of the message.  The diagnosis function receiption strengtion of the message.		messey is not received in the specific first order in the	Terminal 15 Terminal 15 Terminal 15	Voltage condition: - Onload diece: Name  Voltage condition: - Onload diece: Name  Voltage condition: - Onload diece: Name	None         NO         CAN message           -None         NO         CAN message           -None         NO         CAN message           -None         NO         CAN message	N Fault with transmitting control module  N Fault with transmitting control module  N Fault with transmitting control module	- Est électronic et de controlle de la contro	pine power  from  right present  of parties of the power	Possible agoverer symptoms:  Notes  Possible agoverer symptome:	Breakdown refor:  More:  Stratedown refor:  Nove:  Stratedown refor:  -Never does of him DEP deconnectured parking from company from company from company from company from company from the comp	OAC cours at the same time there will be no though which causing districts because the agent and which causing districts because the agent and the course of the could carriage the basis which causes come to the could carriage the basis which causes the carried and the developer.  - If an error related to without information from the DAL cours at the same time there will be no torque repaired EAP entorectionating parting plants. As a worst case scenario that could carried the carried the could carried the could carried the could carried the could carried the carrie
MEV017.2 MO0009  MEV017.2 MO0009  MEV017.2 MO0009  MEV017.2 MO0009	04CDA704 1347764	Message (status, seal belt context, seal occupancy, 60-07) rhodosum eror, receiver MECOCT, transmitter MGDM MECOCT, transmitter MGDM Message (nethods standard) parking brake, 62-00-) not design (nethods standard) parking brake, 62-00-) not current receiver DMECOCE, transmitter EME MESSAGE (network DMECOCE, transmitter EME MESSAGE) (network DMECOCE, transmitter EME ME	r The diagnosis function receiption of the message.  The diagnosis function receiption is the answer; of the message.  The diagnosis function receiption strengtion of the message.  The diagnosis function receiption strengtion of the message.		message is not received in the specific first of the specific firs	Terminal 15 Terminal 15 Terminal 15	Notage condition . Onload delcc. None  Notage condition . Onload delcc. None  Notage condition . Onload delcc. None	None	N Fault with transmitting control module.  N Fault with transmitting control module.	- ESE électronice de Commanda de la commanda del com	pine power  rip lamps of rip	Possible appeared symptoms:  Note:  Possible appeared symptoms:  Note:  Possible appeared symptoms:  Note:  Possible appeared symptoms:  Note:  Note:	Braildown ridos: New  Braildown ridos: New  Braildown ridos: -New drive direct direct parking trake anguedNew drive direct direct parking trake angued	OAC cours at the same time there will be no tropes medicine during effects be accelerate agents or execution during effects be accelerate agents or services as constrained to could carriage the braids system and the direction.  "You have been accelerate the could carriage the braids growth or the could carriage the braids growth or the could be compared to the could be growth or the could be not be not brought when the could be compared to the could be serviced or could get be to accelerate agents or the could be compared to the could carriage the braids when the could be compared to the could carriage the braids serviced accelerate the could carriage the braid serviced accelerate the could be compared to serviced the could be serviced to serviced the serviced the serviced the serviced the serviced the serviced the serviced t
MEVOT7.2 BR0009 MEVOT7.2 BR000	04CDA704 1347764	Message (states, stat belt context, seel conspany, 0c377) choosses error, receiver DMECOCE, transmitter  Message (vehicle standell parking braile, 0c300) or  parent receiver DMECOSE, transmitter DMF  No message (vehicle standell parking braile, 0c300), receiver DMECOSE, transmitter DMF  No message (vehicle standell parking braile, 0c300), receiver DMECOSE, transmitter DMF	r The diagnosis function receiption of the message.  The diagnosis function receiption is the answer; of the message.  The diagnosis function receiption strengtion of the message.  The diagnosis function receiption strengtion of the message.		messey is not received in the specific first order in the	Terminal 15 Terminal 15 Terminal 15	Voltage condition: - Onload diece: Name  Voltage condition: - Onload diece: Name  Voltage condition: - Onload diece: Name	-None         NO         CAM message	N Fault with transmitting control module  N Fault with transmitting control module  N Fault with transmitting control module	- ESC electronics de Communication annual de Communic	pine power rip lamps of rip rip lamps of rip rip lamps of rip rip lamps of rip rip rip lamps of rip	Possible agoverer symptoms:  Notes  Possible agoverer symptome:	Breakdown refor:  More:  Stratedown refor:  Nove:  Stratedown refor:  -Never does of him DEP deconnectured parking from company from company from company from company from company from the comp	OAC cours at the same time there will be no tropped reduction change flames be noted earlier agent and which can be compared to the country of the country of which country of the country of the country of which country of the country of the country of special and the desiration from the popular and the desiration from the DAM. cours at the same time there will be no tropped popular district or the country of the country of production of the country of the country of production of production of the country of production of produ
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MEV017.2 MO0009  MEV017.2 MO0009  MEV017.2 MO0009  MEV017.2 MO0009	04CDA704 1347764	Message (states, stat bell context, seel congency, 0c/37) checksum error, receiver DMECOCE, transmitter  Message (vehicle standell parking braile, 0c/300) or oursest receiver DMECOSE, transmitter DM	r The diagnosis function receiption of the message.  The diagnosis function receiption is the answer; of the message.  The diagnosis function receiption strengtion of the message.  The diagnosis function receiption strengtion of the message.		messes is not received in the specification.  Personal problems councils)  - Fourth with second problems councils.  This faul is recognized when the message after the fault of the county of the council message and the coun	Terminal 15 Terminal 15 Terminal 15	Voltage condition: - Onload diece: Name  Voltage condition: - Onload diece: Name  Voltage condition: - Onload diece: Name	- Nove NO CAN message	N Fault with transmitting control module  N Fault with transmitting control module  N Fault with transmitting control module	- ESC electronic el companyo de la companyo del companyo	pine power right may be right m	Possible agoverer symptoms:  Notes  Possible agoverer symptome:	Breakdown refor:  More:  Stratedown refor:  Nove:  Stratedown refor:  -Never does of him DEP deconnectured parking from company from company from company from company from company from the comp	OAC cours at the same from the way to he or tropes which causing installs to accelerate agent an extraction change from the best contracting agent and worst cose scenario the could develope. The best worst cose scenario the could develope the best worst cose scenario the could develope the best specime and the develope.  -If an error related to redundant information them the DAM. coops at the same from the way the loss on tongen properties. The could develope the best worst cose scenario the cost and the cost of the cost worst cose scenario the cost and the cost worst cost worst cost worst cost worst cost worst cost worst cost worst cost worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst worst w
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				ECE emissions warning lamping and off control of the control	x
	The fault is recognized when the message is not neceived in the specified stree.			- ECE electronic engine power record - CC message: rone	
MEY017.2- No message (corted, crash shallown, electric fuel membrane receptor of the BR0000 OxCOMON 1979777 Jone, Critists receive DEECCE transmitter XCSM message. U1120 (Sinistra Fred Purp)	Potential problem source(s):  - Faut with transmitting control logged when the faut remains module present for longer than 2 min.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	Us emissions warring large.     Us detoring engine power reduction. of     Fault with transmitting control module     Commany.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.commanding.c	df Possible apparent symptoms: Breakdown notics: none None None
				- ECE emissions warning lamp	
	The fault is recognized when the message is not received in the specified time.			- ECE electricis engine power reduction of the control of the cont	
MEVD17.2 - BND020 On:CDMEN 1579-943 townsmitter COME) townsmitter COME to the control of the communities of	Potential problem source(s): The diagnostic fault code is - Fault with transmitting control logged when the fault remains			- US emissions warning tamps:  - US decironic engine power reduction:	Possible apparent symptoms: Breakdown notice:
800200 0xCDAE34 35P3428 transmitter KOMBI message. U113C Lost Communication With Time Clark	module present for longer than 2 min.	Terminal 15 Voltage condition: - Onboard elect - None - None - None	NO CAN message N	- Fault with transmitting control module - Carry out system analysis CC massage: none - ECE emissions warning tump	none None None None
	The fault is recognized when the message is not received in the			off - ECE elatoria engine power reduction of - CC message: none	
MEVOT2: No message (central looking and list status, 6x2FC). The diagnosis function monitors reception of the Lost Communication With Central Looking System	specified lime.  Potential problems acurce(s):  - Faut with transmitting control module's fault memory			- US amissions warning lamp: - US electronic engine power reduction. or	of Message is required only or whickes with MSA and Possibia apparent symptoms: Breakdown notice:
MECHATIZE  BISCODE  B	raut was wardraming control imposes and memory module immediately.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	- Fault with transmitting control module - Carry out system analysis CC message; none  ECE:	steasury in required only or services with flow with  Powers apparent symptoms.  Power None None None None  None None None
				- ECE emissions warning lamp off - ECE electronic engine power	,
	The fault is recognized when the message is not received in the specified firm.			reduction off -C-C mesage rone M/10 US: -U Semissions warring large:	,
METIOT 2. BRQ000 0xC00004 1548MS2 Moreosage juniorist temporature, 0xQCA), receiver The diagnostic function monitors reception of the missage. U1198 Loss Communication With Ambient Temporature Communication	Petersial problem acurency; - Faut with transmitting control is logged when the faut members and the faut members are dispersioned and the faut members are dispersioned for longer than 1 min.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	Us electronic angine power electronic angine power electronic angine power electronic or engine power electronic or electronic angine power elect	Possible apparent symphoms: Breakdown notics: notice None None
				- ECE amissions warning lamp off - ECE electronic engine power	
	The fault is recognized when the message is not necessed in the specified stree.			reduction: off  - CC message: none	
METOT 2.  BRODO InCESSA 1548078 INVESTMENT AND message (state, display, transmission lose, CuSFD) The diagnosis function message.  The diagnosis function of the message.	Potential problems cource(s): This stuff is logged in the control models that memory models that memory immediately.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	Us emissions warning large.     Us destinate engine power reduction. of     Fault with transmitting control module     Carry out system analysis.     Carry out system analysis.	of Possible appears symptoms: Breakdown notice:  none Tachomer responsis more slowly during parachiffs None None
				- ECE emissions warning lamp off	
	The fault is recognized when the message is not received in the specified time.			- ECE electrician grine power reduction: of - CC message: none	
METIOT 7.2.  ANOtion In-1764.4 1-1440964. No message yields condition fold-MI, receiver. The diagnostic function monitors exception of the CASAN Condition. In-1764.4 1-1440964.	Potential problem source(s): The diagnostic fault code is - Fault with transmitting control logged when the fault remains	Terminal 15 Wellen conflicts Coloned dea	NO CAN MARCON	US emissions varieties [array; - US electrical parts - US electrical parts - US electronic erginal parts - US emissions except parts - US emissions - US em	Possible apparent symptoms: Breakdown rotice:
800000 (b.CDS404 1346094 DIVEODE (PT.CAN), travambur 8E (r.CAN2) message.	module gressers for longer than 1 min.	Terminal 15 Voltage condition: - Onboard elect - None - None	Pro I CAN message N	Fault with transmitting control module     Carry out system analysis.     CC message: none     ECE emissions warning lamp-risk off     off	norse Norse Norse Norse
	The fault is recognized when the message is not received in the			or  - ECE altectrois regina power  reduction of  - CC mediager zone	
MEVC11.2. No message (Nomerie reading / range, 0x305). The diagnosits function monitors exception of the	specified line.  Potential problem source(s): - Faut with transmitting control:  1 paged when the fault remains	1 1		US amissions warning lamp:     US electronic engine power reduction: Of	of Possibia apparent symptoms: Breakdown notice:
SQC222 OcC5564 1341222 resolve DECCC, resimilar KOMB research resolve DECCCC, resimilar KOMB research	module present for longer than 2 min.	Terminal 15 Voltage condition: - Ontoerd elect - None . None	NO CAN message N	- Fault with transmitting control module - Carry out system analysis CC message: none - ECE emissions warning large	CODE NOTES Applied by symposis. Grand Notes Note
	The fault is recognized when the wasp-silve counter has not fixed the microsige.			off  - ECE electronic engine power reduction of  - COmesage conte	
				- US emissions warning lamp: o	Bookhin represent current current
MEIDIT 3 Message florrisinis 0x157 pet current, exciser The diagnostic function moders the currency of the ONE-DISC transmitter CAS UNIT-DISC transm	Potential problem source(s): - Faut with transmitting control models faut its logged in the control models faut memory immediately.	Terminal 15 Voltage condition: - Onboard elect - None - None - None	NO CAN message N	- Fault with transmitting control module - Carry out system analysis CC message: none	- Next engin six re my six logor - No sonnec car Breakdown refor: - Next engin six re my six logor - No sonnec car Breakdown refor: - None None None None
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	message is not received in the specified time.			- CC message: none - US emissions warning larno:	off Prossilie annount cumhnis
ME(1017.2) BIGUDO 0xCD8664 13441-78 No message planniaus, 0x12F), socialer DMECIOE, The diagnosife traction monitors reception of the message. U111E Load Communication With Terminal Status	Potertail problem source(s) - Fault with transmitting control models's fault memory immediately.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	- Us electronic engine pose  - Fault with transmitting control module - Carry out system analysis CC message: none	Picable spower yepitami: -Ned engine said mysel An abunnatic car -Ned engine said mysel An abunnatic car -None -None -None -None -None -None
	The diagnostic fault code is			- ECE entiation waring tamp  - ECE electricit engine power  reduction: A	x
	logged when the message has a checksum error.			- CC message: none - US emissions warning large:	и
ME/IO17.2 Message (terminal, Cot25) decision error, receiver The diagnosis function monitors the decision of the message.  U119F Message Monitoring Terminal Status Check Sum Error	Potential problem source(s): This stuff is logged in the control - Fault with transmitting control module's fault memory module control module (see the memory immediately.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	- US electronic organis power electronic pow	Possible apparent symptoms:  -Next engine start may take hongs - Na automatic car  -Incer  -none - None - None - None  -None - None - None
				ECE emissions warning lump off     off     ECE electronic engine power	
	The fault is recognized when the message is not received in the specified time.			eduction of C	
ME) 1017 2- BQ 1020 Ox CC00864 11441168 International Processing Impacts AC, Oxf59), receiver DME DOCE. The diagnostic function movileurs exception of the message.	Potential problem source(s): - Fault with transmitting control models's fault memory model models for the control models's fault memory immediately.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	Us electronic angine power reduction: of     Fault with transmitting control module - Carry out system analysis CC message, reme	Possible apparent symptoms: - Brief rym days when HMA, abstracts climate control Breakdown notice: - score scholared of the None None
				ECE entiselors warning larry     FCE electronic regime power	x
	The fault is recognized when the message is not necessed in the specified time.			reduction: off  - CC message: none	
MEYCH 2- BNC002 InstC00964 11442244 exciser MRECOC, toxinamine DNX ECSS message. U11A7 FA.CM1	Potential problem source(s):  - Fault with transmitting control logged when the fault remains made to the control logged when the fault remains made to the control logged when the fault remains made to the control logged when the fault remains made to the control logged when the fault remains made to the control logged when the fault remains made to the control logged when the fault control lo	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	US emissions warning lamp: c     UB electronic engine power     UB electronic engine power     reduction: off     Fault with transmitting control module     Carry out system analysis.     Comessage: roote	of Possible appaient symptoms: Breakdown notice: none None None None
				- ECE emissions warning lamp off	
	The fault is recognized when the message is not received in the specified time.			- ECE electrinic - ECE electrinic - ECE electrinic - ECE - E	
No mossage (deep readness global FZM (DLAS) seeiner DIEDOE (PT-ZNA), traumitive 20W (PT- the diagnostic function monitors reception of the	Potential problem source(s): The diagnostic fault code is - Fault with transmitting control logged when the fault remains			- US emissions warning lamp: c - US electronic engine power existics.	Possible apparent symptoms: Breakdown rotice:
800000 0c/358A4 134500 CAN) message.	module present for longer than 1 min.	Terminal 15 Voltage condition: - Onboard electi- None - None	NO CAN message N	- Fault with transmitting control module - Carry out system analysis CC message: none - EEC emissions warning lamp	nore None None None
	The fault is recognized when the message is not received in the specified time.			- ECE electronic engine power reduction: off - CE message: none	
MEVCF17.2- Missage (request, torque, constaint, geators 2, GAA9) The diagnosis function monitors the currency of the Missage Monitoring Torque Request Connected that	Potential problem source(s): - Fault with transmitting control module's fault memory			US emissions warning lamp:     US electronic engine power     education. of graph power	of Possible apparent symptoms - Breakdown notice:
BRQ000 InCOBRRIZ 11469754 and currient, receiver DME-DDC: traversitien DMS, ESS messages. U1189 Traversision Data2 via A-CAM Alve Chick	module immediately.	Terminal 15 Voltage condition: - Onboard elect - None - None - None	NO CAN message N	- Fault with transmitting control module - Carry out system analysis CC message: none - ECE emissions warning large	none None None None
	The fault is recognized when the message is not received in the specified time.			off - ECE elatoria engine power reduction of - CC message: none	
MEVOT2- No message inquest, torque, crarkshult, gealous 2, The diagnosists function monitors reception of the Lost Communication Will Torque Request Cranishalt	specified time.  Potential proteins source(s):  - Faut with transmitting control  module's fault memory			US emissions working lamp:     US declarative eight apear     reduction of	of Possible apparent symptoms: Breakforen notice:
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	The diagnostic fault code is logged when the message has a			- ECE statement of the control of th	
Message (request torque, containts), geators 2, GAA)	logged when the missage has a checksum error.  Potential problem source(s):  - Faut with transmitting control module's fault memory			- US emissions warning large: - US electronic entgine power	·
NS/OV 2. declum error, receiver CMECOCE, resemblar DXCQ. The diagnostic function membras the checksom of the Message Mechaning Torque Request Carakhalf SciSS 1482760 SCISSSIS 1482760 Transmission Data2 in ACAN Check Sum Error U1185 Transmission Data2 in ACAN Check Sum Error	- Fault with transmitting control module's fault memory impedately.	Terminal 15 Voltage condition: - Criboard elect - None - None - None	NO CAN message N	- Fault with transmitting control module - Carry out system analysis CC message: none	Possible apparent proptoms: Breakdown rotics: None None None None
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	message is not received in the specified time.			- CC message: none - US entexions warring lamp: - US electronic engine, power - US electronic engine, power	at
MEY(017.2-) BIOCIDIO 0xCCOBOUM 19400102 unit, 0x039; moniver DMECTOCE; preventive PCU missage.  The diagnosite function monitors reception of the missage.	Potential problem source(s):  - Faut with transmitting control module module present for longer than 1 min.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	Fault with transmitting control module     Fault with transmitting control module     Comessage: none	Possible apparent symptoms: Breakdown rolfos: None None None
				ECE enissions warning temp     ECE electronic engine power	
	The fault is recognized when the message in not recoved in the specified time.			reduction of  -CC message: cone - US emissions working tamp:	и
NE/IO17.2 No message platas, power generation IRV2, Io2AF). The diagnostic function monitors reception of the message.  NE/IO17.2 No message platas, power generation IRV2, Io2AF). The diagnostic function monitors reception of the message.	Potential problem source(s): This fault is logged in the control - Fault with *transmitting control module's fault memory module immediately.	Terminal 15 Voltage condition: - Onboard elect - None - None	NO CAN message N	US electronic engine power     Fault with transmitting control module     Carry out system analysis.     CC message: none	Possibila apparent proptoms Breakdown rolfox: notine None None None None
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The fault is recognised when the displayer of recorded in the appeal or recorded in the appeal o	Brankdown rotice Nove Nove
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The fault is recognized when the discussion examing lamps - ECE destroses agrees up power a confidence of the confidence	Braddon refer: Non Nove Nove
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