

MEVD17.2 BN2000	SI28F	1004	Absolute pressure sensor, intake manifold, possibility: intake manifold pressure too high	During the shut-down phase the diagnostic function monitors the DME to determine whether the ambient air, intake manifold and boost pressure sensors are measuring the same pressure	P1245	Manifold Absolute Pressure Sensor X	Manifold Absolute Pressure Sensor	Alternating	The intake manifold pressure sensor deviates from the average for the pressure sensors (barometric pressure, boost pressure, intake manifold pressure) by more than 70 mbar	Potential problem scenario(s) - Defective wiring harness - Sensor has been tampered with - Sensor defective	This fault is logged in the control module's fault memory immediately	none	none	5 sec. after engine off	NO	none	Y	- Defective wiring harness - Sensor has been tampered with - Sensor defective	- Check wiring harness at sensor - Replace sensor	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms Best case scenario: None	Breakdown notice - none	none
MEVD17.2 BN2000	SI28F	1005	Absolute pressure sensor, intake manifold, possibility: intake manifold pressure too low	The diagnostic function monitors the DME's barometric pressure sensor	P1205	Manifold Absolute Pressure Top Low	Manifold Absolute Pressure Sensor	Pressure	The fault is recognized when the voltage of the barometric pressure sensor > 0.5 V	Potential problem scenario(s) - Internal DME fault, because barometric pressure sensor is located in the DME ECU - Sensor voltage above threshold	This fault is logged in the control module's fault memory immediately	none	none	5 sec. after engine off <td>NO</td> <td>none</td> <td>Y</td> <td>- Internal DME fault, because barometric pressure sensor is located in the DME ECU - Sensor voltage above threshold</td> <td>- Check an induction system (intake pipe, etc.) - Check induction tract between turbocharger and intake air plenum - Check wiring harness between DME and boost pressure sensor - Replace DME</td> <td>- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on</td> <td>none</td> <td>Possible apparent symptoms Best case scenario: None</td> <td>Breakdown notice - none</td> <td>none</td>	NO	none	Y	- Internal DME fault, because barometric pressure sensor is located in the DME ECU - Sensor voltage above threshold	- Check an induction system (intake pipe, etc.) - Check induction tract between turbocharger and intake air plenum - Check wiring harness between DME and boost pressure sensor - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms Best case scenario: None	Breakdown notice - none	none
MEVD17.2 BN2000	SI28F	1006	Absolute pressure sensor, intake manifold, possibility: intake manifold pressure too low	The diagnostic function monitors the DME's barometric pressure sensor	P1204	Manifold Absolute Pressure Sensor X <td>Manifold Absolute Pressure Sensor</td> <td>Alternating</td> <td>The fault is recognized when the voltage of the barometric pressure sensor > 0.5 V</td> <td>Potential problem scenario(s) - Internal DME fault, because barometric pressure sensor is located in the DME ECU - Sensor voltage above threshold</td> <td>This fault is logged in the control module's fault memory immediately</td> <td>none</td> <td>none</td> <td>5 sec. after engine off <td>NO</td> <td>none</td> <td>Y</td> <td>- Internal DME fault, because barometric pressure sensor is located in the DME ECU - Sensor voltage above threshold</td> <td>- Check an induction system (intake pipe, etc.) - Check induction tract between turbocharger and intake air plenum - Check wiring harness between DME and boost pressure sensor - Replace DME</td> <td>- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on</td> <td>none</td> <td>Possible apparent symptoms Best case scenario: None</td> <td>Breakdown notice - none</td> <td>none</td> </td>	Manifold Absolute Pressure Sensor	Alternating	The fault is recognized when the voltage of the barometric pressure sensor > 0.5 V	Potential problem scenario(s) - Internal DME fault, because barometric pressure sensor is located in the DME ECU - Sensor voltage above threshold	This fault is logged in the control module's fault memory immediately	none	none	5 sec. after engine off <td>NO</td> <td>none</td> <td>Y</td> <td>- Internal DME fault, because barometric pressure sensor is located in the DME ECU - Sensor voltage above threshold</td> <td>- Check an induction system (intake pipe, etc.) - Check induction tract between turbocharger and intake air plenum - Check wiring harness between DME and boost pressure sensor - Replace DME</td> <td>- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on</td> <td>none</td> <td>Possible apparent symptoms Best case scenario: None</td> <td>Breakdown notice - none</td> <td>none</td>	NO	none	Y	- Internal DME fault, because barometric pressure sensor is located in the DME ECU - Sensor voltage above threshold	- Check an induction system (intake pipe, etc.) - Check induction tract between turbocharger and intake air plenum - Check wiring harness between DME and boost pressure sensor - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms Best case scenario: None	Breakdown notice - none	none
MEVD17.2 BN2000	SI28E1	1006	Absolute pressure sensor, intake pipe, electrical Short circuit to B+	The diagnostic function monitors the intake manifold pressure sensor upper voltage limit	P1208	Manifold Absolute Pressure/Barometric Pressure Sensor Circuit High	Manifold Absolute Pressure Sensor	Electrical	The voltage of the intake manifold pressure sensor exceeds 4.0 V	Potential problem scenario(s) - Defect in wiring harness between DME and intake manifold pressure sensor - Intake manifold pressure sensor defective - Defective DME	This fault is logged in the control module's fault memory immediately	Terminal 15	none	none	NO	Read test data block (ID 4086 (BN2000), S488 (BN2000))	Y	- Defect in wiring harness between DME and intake manifold pressure sensor - Intake manifold pressure sensor defective - Defective DME	- Check wiring harness between intake manifold pressure sensor and DME - Replace intake manifold pressure sensor - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms Engine rpm roughly	Breakdown notice None	None
MEVD17.2 BN2000	SI28E1	1006	Absolute pressure sensor, intake pipe, electrical Short circuit to B+	The diagnostic function monitors the intake manifold pressure sensor upper voltage limit	P1208	Manifold Absolute Pressure/Barometric Pressure Sensor Circuit High (Bank 1)	Manifold Absolute Pressure Sensor	Electrical	The voltage of the intake manifold pressure sensor exceeds 4.0 V	Potential problem scenario(s) - Defect in wiring harness between DME and intake manifold pressure sensor - Intake manifold pressure sensor defective - Defective DME	This fault is logged in the control module's fault memory immediately	Terminal 15	none	none	NO	Read test data block (ID 4086 (BN2000), S488 (BN2000))	Y	- Defect in wiring harness between DME and intake manifold pressure sensor - Intake manifold pressure sensor defective - Defective DME	- Check wiring harness between intake manifold pressure sensor and DME - Replace intake manifold pressure sensor - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms Engine rpm roughly	Breakdown notice None	None
MEVD17.2 BN2000	SI28E1	1007	Absolute pressure sensor, intake pipe, electrical Short circuit to earth	The diagnostic function monitors the intake manifold pressure sensor's lower voltage limit	P1207	Manifold Absolute Pressure/Barometric Pressure Sensor Circuit Low	Manifold Absolute Pressure Sensor	Electrical	The voltage of the intake manifold pressure sensor is less than 0.2 V	Potential problem scenario(s) - Defect in wiring harness between DME and intake manifold pressure sensor - Intake manifold pressure sensor defective - Defective DME	This fault is logged in the control module's fault memory immediately	Terminal 15	none	none	NO	Read test data block (ID 4086 (BN2000), S488 (BN2000))	Y	- Defect in wiring harness between DME and intake manifold pressure sensor - Intake manifold pressure sensor defective - Defective DME	- Check wiring harness between intake manifold pressure sensor and DME - Replace intake manifold pressure sensor - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms Engine rpm roughly	Breakdown notice None	None
MEVD17.2 BN2000	SI28E1	1007	Absolute pressure sensor, intake pipe, electrical Short circuit to earth	The diagnostic function monitors the intake manifold pressure sensor's lower voltage limit	P1207	Manifold Absolute Pressure/Barometric Pressure Sensor Circuit Low (Bank 1)	Manifold Absolute Pressure Sensor	Electrical	The voltage of the intake manifold pressure sensor is less than 0.2 V	Potential problem scenario(s) - Defect in wiring harness between DME and intake manifold pressure sensor - Intake manifold pressure sensor defective - Defective DME	This fault is logged in the control module's fault memory immediately	Terminal 15	none	none	NO	Read test data block (ID 4086 (BN2000), S488 (BN2000))	Y	- Defect in wiring harness between DME and intake manifold pressure sensor - Intake manifold pressure sensor defective - Defective DME	- Check wiring harness between intake manifold pressure sensor and DME - Replace intake manifold pressure sensor - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms Engine rpm roughly	Breakdown notice None	None
MEVD17.2 BN2000	SI28E1	1008	Absolute pressure sensor, electrical Short to B+ or open circuit	The diagnostic function monitors the DME's barometric pressure sensor	P1229	Barometric Pressure Sensor X Circuit High	Ambient Pressure Sensor	Electrical	The fault is detected by the internal calibration algorithm	Potential problem scenario(s) - DME defective	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	U	U	Y	- DME defective	- Clear the ECU fault memory if the diagnostic fault code is logged again, replace the DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms ML on, customer proceeds to service facility	Breakdown notice None	None
MEVD17.2 BN2000	SI28E1	1001	Ambient pressure sensor, electrical Short circuit to earth	The diagnostic function monitors the DME's barometric pressure sensor	P1228	Barometric Pressure Sensor X Circuit Low	Ambient Pressure Sensor	Electrical	The fault is detected by the internal calibration algorithm	Potential problem scenario(s) - DME defective	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	U	U	Y	- DME defective	- If the diagnostic fault code has been logged more than 3 times replace the DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms ML on, customer proceeds to service facility	Breakdown notice None	None
MEVD17.2 BN2000	SI28E1	1005	Absolute pressure sensor, overvoltage Pressure too high	During the control module's shut-down phase the diagnostic function monitors the barometric pressure sensor, intake manifold pressure sensor and boost pressure sensor to determine whether they are all measuring the same pressure	P1209	Ambient Pressure Sensor Alternating Diagnosis Pressure Too High	Ambient Pressure Sensor	Alternating	The fault is recognized when the barometric pressure sensor deviates from the average for the pressure sensors (barometric pressure, boost pressure, intake manifold pressure) by more than 70 mbar	Potential problem scenario(s) - Error in sensor - Sensor has been tampered with - Sensor defective	This fault is logged in the control module's fault memory immediately	none	none	5 sec. after engine off <td>NO</td> <td>none</td> <td>Y</td> <td>- Error in sensor measurement - Sensor defective</td> <td>- If the diagnostic fault code has been logged more than 3 times replace the DME</td> <td>- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on</td> <td>none</td> <td>Possible apparent symptoms None</td> <td>Breakdown notice - none</td> <td>None</td>	NO	none	Y	- Error in sensor measurement - Sensor defective	- If the diagnostic fault code has been logged more than 3 times replace the DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms None	Breakdown notice - none	None
MEVD17.2 BN2000	SI28E1	1008	Ambient pressure sensor, overvoltage Pressure too low	The diagnostic function monitors the voltage at the boost pressure sensor	P1208	Ambient Pressure Sensor Alternating Diagnosis Pressure Too Low	Ambient Pressure Sensor	Alternating	The fault is recognized when the boost pressure sensor's voltage < 0.2 V	Potential problem scenario(s) - Defect in wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Defective DME	This fault is logged in the control module's fault memory immediately	none	none	5 sec. after engine off <td>NO</td> <td>none</td> <td>Y</td> <td>- Defect in wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Defective DME</td> <td>- Check wiring harness between DME and boost pressure sensor - Replace boost pressure sensor - Replace DME</td> <td>- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on</td> <td>none</td> <td>Possible apparent symptoms None</td> <td>Breakdown notice None</td> <td>None</td>	NO	none	Y	- Defect in wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Defective DME	- Check wiring harness between DME and boost pressure sensor - Replace boost pressure sensor - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 BN2000	SI28E1	1016	Ambient pressure sensor, plausibility Pressure too high	The diagnostic function monitors the barometric pressure sensor	P1128	Barometric Pressure Too High	Ambient Pressure	General	The fault is detected by the barometric pressure sensor (P1209, P1208)	Potential problem scenario(s) - Barometric pressure sensor installed in DME ECU - Sensor voltage above threshold - DME defective wiring to sensor	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	none	Y	- Barometric pressure sensor installed in DME ECU - Sensor voltage above threshold - DME defective wiring to sensor	- Replace the DME if the fault code is currently present or has been logged more than three times	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms None	Breakdown notice None	A terminal status switch must be conducted before the fault can be cleared	
MEVD17.2 BN2000	SI28E1	1017	Ambient pressure sensor, plausibility Pressure too low	The diagnostic function monitors the barometric pressure sensor	P1129	Barometric Pressure Too Low	Ambient Pressure	General	The fault is recognized when a barometric pressure sensor is detected	Potential problem scenario(s) - Defective wiring harness - Short circuit to earth - Defective DME	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	none	Y	- Defective wiring harness - Short circuit to earth - Defective DME	- Check wiring harness between electric fuel coil and DME - Check coil-off relay when Terminal 15 is off - Check if it should be present at both sensor connectors (B2). When activated the relay should click loudly, while actually no resistance (it should) should be measured between the sensor connectors - Replace coil-off relay	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms None	Breakdown notice None	A terminal status switch must be conducted before the fault can be cleared	
MEVD17.2 BN2000	SI28E1	1018	Ambient pressure sensor, plausibility Pressure impossible	The diagnostic function monitors the plausibility of the barometric pressure relative to that measured in the previous driving cycle	P1247	Barometric Pressure Plausibility	Ambient Pressure	Plausibility	The fault is recognized in response to excessive variations in the value	Potential problem scenario(s) - DME defective	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	none	Y	- DME defective	- Replace the DME if the fault code is currently present or has been logged more than three times	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms None	Breakdown notice None	A terminal status switch must be conducted before the fault can be cleared	
MEVD17.2 BN2000	SI28F	1019	Ambient pressure sensor, plausibility Pressure impossible	The diagnostic function monitors the plausibility of the barometric pressure relative to that measured in the previous driving cycle	P1247	Barometric Pressure Plausibility	Ambient Pressure	Plausibility	The fault is recognized when the value sensor constant	Potential problem scenario(s) - DME defective	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	none	Y	- DME defective	- Replace the DME if the fault code is currently present or has been logged more than three times	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms None	Breakdown notice None	A terminal status switch must be conducted before the fault can be cleared	
MEVD17.2 BN2000	SI28E1	1000	Throttle valve angle, intake manifold pressure, correlation: Limit value exceeded	The diagnostic function monitors the throttle valve aperture and the current intake manifold pressure reading to determine whether they are mutually plausible	P112F	Manifold Absolute Pressure to Throttle Angle - Top High (Bank 1)	Manifold Absolute Pressure	Correlation	The fault is recognized when the measured value for intake manifold pressure (intake) is too high - Vacuum leak within induction tract/intake - Increased throttle valve angle - Pressure sensor defective	Potential problem scenario(s) - Measured value for intake manifold pressure (intake) is too high - Vacuum leak within induction tract/intake - Increased throttle valve angle - Pressure sensor defective	This fault is logged in the control module's fault memory immediately	none	none	30°C < intake air temperature < 120°C 1500 rpm < engine speed < 1700 rpm < throttle valve angle	NO	none	Y	- Measured value for intake manifold pressure is too high - Vacuum leak within induction tract/intake - Increased throttle valve angle - Pressure sensor defective	- Check intake system and check for leakage - Check throttle valve combination, carbon deposits, timing - Check plug and wiring harness between intake manifold pressure sensor and DME - Check plug wiring harness at electric throttle valve actuator - Replace throttle valve - Replace sensor defective	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms None	Breakdown notice - none	None
MEVD17.2 BN2000	SI28E1	1001	Throttle valve angle, intake manifold pressure, correlation: Limit value not exceeded	The diagnostic function monitors the throttle valve aperture and the current intake manifold pressure reading to determine whether they are mutually plausible	P112E	Manifold Absolute Pressure to Throttle Angle - Top Low (Bank 1)	Manifold Absolute Pressure	Correlation	The fault is recognized when the measured value for intake manifold pressure (intake) is too low - Defective plug or wiring harness - Vacuum leak within induction tract/intake - Increased throttle valve angle	Potential problem scenario(s) - Measured value for intake manifold pressure (intake) is too low - Defective plug or wiring harness - Vacuum leak within induction tract/intake - Increased throttle valve angle	This fault is logged in the control module's fault memory immediately	none	none	30°C < intake air temperature < 120°C 1500 rpm < engine speed < 1700 rpm < throttle valve angle	NO	none	Y	- Measured value for intake manifold pressure (intake) is too low - Defective plug or wiring harness - Vacuum leak within induction tract/intake - Increased throttle valve angle - Pressure sensor defective	- Check intake system and check for leakage - Check throttle valve combination, carbon deposits, timing - Check plug and wiring harness between intake manifold pressure sensor and DME - Check plug wiring harness at electric throttle valve actuator - Replace throttle valve - Replace sensor defective	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms None	Breakdown notice - none	None
MEVD17.2 BN2000	SI28E1	1004	Throttle valve, throttle valve potentiometer 1, electrical Short to B+ or open circuit	The diagnostic function checks the signal from throttle valve actuator 1 for electrical faults	P1123	Throttle/Position Sensor/Switch X Circuit High	Throttle Position Sensor	1	The signal from throttle valve sensor 1 does above the fault threshold of 0.1 V	Potential problem scenario(s) - Defect in wiring harness between throttle valve actuator motor and DME - Throttle valve sensor defective - AD connector plug in DME	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	STU16RN, DC STU16RN, EN2C, DC STU16RN, EN2C, DC	Y	- Defect in wiring harness between throttle valve actuator motor and DME - Throttle valve sensor defective - AD connector plug in DME defective	- Check wiring harness between DME and throttle valve - Replace throttle valve - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms - Reduced power	Breakdown notice - It is possible to continue driving the vehicle, but passing requirements should not be attempted until the induction is engine adjust	None	
MEVD17.2 BN2000	SI28E1	1005	Throttle valve, throttle valve potentiometer 1, electrical Short circuit to earth	The diagnostic function checks the signal from throttle valve actuator 1 for electrical faults	P1127	Throttle/Position Sensor/Switch X Circuit Low	Throttle Position Sensor	1	The signal from throttle valve sensor 1 falls below the fault threshold of 0.1 V	Potential problem scenario(s) - Defect in wiring harness between throttle valve actuator motor and DME - Throttle valve sensor defective - AD connector plug in DME	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	STU16RN, DC STU16RN, EN2C, DC STU16RN, EN2C, DC	Y	- Defect in wiring harness between throttle valve actuator motor and DME - Throttle valve sensor defective - AD connector plug in DME defective	- Check wiring harness between DME and throttle valve - Replace throttle valve - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms - Reduced power	Breakdown notice - It is possible to continue driving the vehicle, but passing requirements should not be attempted until the induction is engine adjust	None	
MEVD17.2 BN2000	SI28E1	1009	Throttle valve, throttle potentiometer 2, electrical Short circuit to B+	The diagnostic function checks the voltage of throttle valve sensor 2 for electrical faults	P1129	Throttle/Position Sensor/Switch X Circuit High	Throttle Position Sensor	2	The signal from throttle valve sensor 2 does above the fault threshold of 0.1 V	Potential problem scenario(s) - Defect in wiring harness between throttle valve actuator motor and DME - Throttle valve sensor defective - AD connector plug in DME	This fault is logged in the control module's fault memory immediately	Terminal 15	none	NO	STU16RN, DC STU16RN, EN2C, DC STU16RN, EN2C, DC	Y	- Defect in wiring harness between throttle valve actuator motor and DME - Throttle valve sensor defective - AD connector plug in DME defective	- Check wiring harness between DME and throttle valve - Replace throttle valve - Replace DME	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on	none	Possible apparent symptoms - Reduced power	Breakdown notice - It is possible to continue driving the vehicle, but passing requirements should not be attempted until the induction is engine adjust	None	

MEVD17.2	INQ000	SUC01	1180	High pressure fuel system, fuel pressure Minimum pressure indication	The diagnostic function monitors the high pressure fuel system to determine whether the pressure level varies in the specified range.	P020C	Fuel Rail Pressure, Minimum Pressure Failure (See Para 11)	Fuel Regulators / Valves / Sensors	Fuel Rail Pressure	The diagnostic fault code is triggered when the control module's built-in memory immediately.	None	None	None	NO	Rel pressure sensor voltage (DME)	Check low pressure system (fuel pump pressure and fuel sensor, plug/wiring harness), replace as indicated - Low pressure (DME) engine fault codes - Read out diagnostic fault codes - Check adaptation (see fuel rail pressure control) - Check plug and wiring harness between fuel control valve and DME - Replace fuel control valve - Replace DME	lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Loss of power	Breakdown notice The engine starts to its long-term program, continued vehicle operation is possible but idling is restricted, fuel use power is reduced the driver should refrain from passing maneuvers	None	
MEVD17.2	INQ000	SUC02	1182	Quantity control valve, activation: Short circuit to B+ <td>The diagnostic function monitors the flow control valve's control activation wire for short-circuit to B+.</td> <td>P0204</td> <td>Fuel Volume Regulator Control Circuit High</td> <td>Fuel Regulators / Valves / Sensors</td> <td>Fuel Volume Regulator</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>None</td> <td>None</td> <td>None</td> <td>None</td> <td>STEUERN, MEV, STEUERN_ENDE, MEV</td> <td>PWM activation signal, (DME)</td> <th>Defect in plug or wiring harness between DME and flow control valve - Defective flow control valve - Defective DME</th> <th>lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the flow control valve's control activation wire for short-circuit to B+.	P0204	Fuel Volume Regulator Control Circuit High	Fuel Regulators / Valves / Sensors	Fuel Volume Regulator	The fault is triggered in the control module's built-in memory immediately.	None	None	None	None	STEUERN, MEV, STEUERN_ENDE, MEV	PWM activation signal, (DME)	Defect in plug or wiring harness between DME and flow control valve - Defective flow control valve - Defective DME	lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice None	None
MEVD17.2	INQ000	SUC03	1183	Quantity control valve, activation: Short circuit to earth <td>The diagnostic function monitors the flow control valve's control activation wire for short-circuit to ground.</td> <td>P0205</td> <td>Fuel Volume Regulator Control Circuit Low</td> <td>Fuel Regulators / Valves / Sensors</td> <td>Fuel Volume Regulator</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>None</td> <td>None</td> <td>None</td> <td>None</td> <td>STEUERN, MEV, STEUERN_ENDE, MEV</td> <td>PWM activation signal, (DME)</td> <th>Defect in plug or wiring harness between DME and flow control valve - Defective flow control valve - Defective DME</th> <th>lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the flow control valve's control activation wire for short-circuit to ground.	P0205	Fuel Volume Regulator Control Circuit Low	Fuel Regulators / Valves / Sensors	Fuel Volume Regulator	The fault is triggered in the control module's built-in memory immediately.	None	None	None	None	STEUERN, MEV, STEUERN_ENDE, MEV	PWM activation signal, (DME)	Defect in plug or wiring harness between DME and flow control valve - Defective flow control valve - Defective DME	lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice None	None
MEVD17.2	INQ000	SUC0F	1187	Quantity control valve, activation: Line disconnection <td>The diagnostic function monitors the flow control valve's control activation wire for disconnection.</td> <td>P0201</td> <td>Fuel Volume Regulator Control Circuit Open</td> <td>Fuel Regulators / Valves / Sensors</td> <td>Fuel Volume Regulator</td> <td>The diagnostic fault code is triggered when the built-in memory immediately.</td> <td>None</td> <td>None</td> <td>None</td> <td>None</td> <td>STEUERN, MEV, STEUERN_ENDE, MEV</td> <td>PWM activation signal, (DME)</td> <th>Defect in plug or wiring harness between DME and flow control valve - Defective flow control valve - Defective DME</th> <th>lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the flow control valve's control activation wire for disconnection.	P0201	Fuel Volume Regulator Control Circuit Open	Fuel Regulators / Valves / Sensors	Fuel Volume Regulator	The diagnostic fault code is triggered when the built-in memory immediately.	None	None	None	None	STEUERN, MEV, STEUERN_ENDE, MEV	PWM activation signal, (DME)	Defect in plug or wiring harness between DME and flow control valve - Defective flow control valve - Defective DME	lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice None	None
MEVD17.2	INQ000	SUC0F	1187	Quantity control valve, activation: Line disconnection <td>The diagnostic function monitors the flow control valve's control activation wire for disconnection.</td> <td>P0201</td> <td>Fuel Volume Regulator Control Circuit Open</td> <td>Fuel Regulators / Valves / Sensors</td> <td>Fuel Volume Regulator</td> <td>The diagnostic fault code is triggered when the built-in memory immediately.</td> <td>None</td> <td>None</td> <td>None</td> <td>None</td> <td>STEUERN, MEV, STEUERN_ENDE, MEV</td> <td>PWM activation signal, (DME)</td> <th>Defect in plug or wiring harness between DME and flow control valve - Defective flow control valve - Defective DME</th> <th>lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the flow control valve's control activation wire for disconnection.	P0201	Fuel Volume Regulator Control Circuit Open	Fuel Regulators / Valves / Sensors	Fuel Volume Regulator	The diagnostic fault code is triggered when the built-in memory immediately.	None	None	None	None	STEUERN, MEV, STEUERN_ENDE, MEV	PWM activation signal, (DME)	Defect in plug or wiring harness between DME and flow control valve - Defective flow control valve - Defective DME	lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice None	None
MEVD17.2	INQ000	SUC06	1180	Boost pressure control, upper valve: Boost pressure too high <td>The diagnostic function monitors the pressure measured by the boost pressure sensor.</td> <td>P0204</td> <td>Turbocharger/Supercharger A Overboost Condition</td> <td>Supercharger/Boost Pressure</td> <td>Pressure</td> <td>The diagnostic fault code is triggered when the boost sensor is present for longer than 10 s.</td> <td>None</td> <td>None</td> <td>None</td> <td>None</td> <td>STUF, AT_LICD, DP_VORZ, W, (DME) must be active a defined pressure range (see test data)</td> <td>Check wiring harness - Boost pressure sensor - Replace pressure sensor - Check adaptation (see boost pressure control)</td> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice The engine starts to its long-term program, continued vehicle operation is possible but idling is restricted, fuel use power is reduced the driver should refrain from passing maneuvers</th> <th>None</th>	The diagnostic function monitors the pressure measured by the boost pressure sensor.	P0204	Turbocharger/Supercharger A Overboost Condition	Supercharger/Boost Pressure	Pressure	The diagnostic fault code is triggered when the boost sensor is present for longer than 10 s.	None	None	None	None	STUF, AT_LICD, DP_VORZ, W, (DME) must be active a defined pressure range (see test data)	Check wiring harness - Boost pressure sensor - Replace pressure sensor - Check adaptation (see boost pressure control)	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice The engine starts to its long-term program, continued vehicle operation is possible but idling is restricted, fuel use power is reduced the driver should refrain from passing maneuvers	None	
MEVD17.2	INQ000	SUC07	1181	Charge air pressure control, lower valve: Boost pressure too low <td>The diagnostic function monitors the pressure measured by the boost pressure sensor.</td> <td>P0208</td> <td>Turbocharger/Supercharger A Underboost Condition</td> <td>Supercharger/Boost Pressure</td> <td>Pressure</td> <td>The diagnostic fault code is triggered when the boost sensor is present for longer than 10 s.</td> <td>None</td> <td>None</td> <td>None</td> <td>None</td> <td>STUF, AT_LICD, DP_VORZ, W, (DME) must be active a defined pressure range (see test data)</td> <td>Check wiring harness - Boost pressure sensor - Replace pressure sensor - Check adaptation (see boost pressure control)</td> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice The engine starts to its long-term program, continued vehicle operation is possible but idling is restricted, fuel use power is reduced the driver should refrain from passing maneuvers</th> <th>None</th>	The diagnostic function monitors the pressure measured by the boost pressure sensor.	P0208	Turbocharger/Supercharger A Underboost Condition	Supercharger/Boost Pressure	Pressure	The diagnostic fault code is triggered when the boost sensor is present for longer than 10 s.	None	None	None	None	STUF, AT_LICD, DP_VORZ, W, (DME) must be active a defined pressure range (see test data)	Check wiring harness - Boost pressure sensor - Replace pressure sensor - Check adaptation (see boost pressure control)	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice The engine starts to its long-term program, continued vehicle operation is possible but idling is restricted, fuel use power is reduced the driver should refrain from passing maneuvers	None	
MEVD17.2	INQ000	SUC08	1182	Boost pressure control, deactivation: Boost pressure built-up inhibited <td>The diagnostic function monitors the DME's deactivation of the boost.</td> <td>P0200</td> <td>Turbocharger/Supercharger Boost Control Cut-Off (Para 11)</td> <td>Turbocharger/Boost Pressure</td> <td>Electrical</td> <td>Collective fault, only service in 5 sec intervals and only after triggering a CC message. The response to the fault is specified for a different fault entry.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>None</td> <td>None</td> <th>None</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice The engine starts to its long-term program, continued vehicle operation is possible but idling is restricted, fuel use power is reduced the driver should refrain from passing maneuvers</th> <th>Boost pressure control is deactivated to protect the deactivation.</th>	The diagnostic function monitors the DME's deactivation of the boost.	P0200	Turbocharger/Supercharger Boost Control Cut-Off (Para 11)	Turbocharger/Boost Pressure	Electrical	Collective fault, only service in 5 sec intervals and only after triggering a CC message. The response to the fault is specified for a different fault entry.	Terminal IS	None	None	NO	None	None	None	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice The engine starts to its long-term program, continued vehicle operation is possible but idling is restricted, fuel use power is reduced the driver should refrain from passing maneuvers	Boost pressure control is deactivated to protect the deactivation.
MEVD17.2	INQ000	SUC0F	1183	Boost pressure sensor, electrical: Short circuit to B+ <td>The diagnostic function monitors the wire to the boost pressure sensor.</td> <td>P0229</td> <td>Turbocharger/Supercharger Boost Sensor A Circuit High</td> <td>Supercharger/Boost Sensor</td> <td>Electrical</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>Read not data block: D SECC</td> <td>Defective DME</td> <th>Check wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice Standard EMI, Test</th> <th>None</th>	The diagnostic function monitors the wire to the boost pressure sensor.	P0229	Turbocharger/Supercharger Boost Sensor A Circuit High	Supercharger/Boost Sensor	Electrical	The fault is triggered in the control module's built-in memory immediately.	Terminal IS	None	None	NO	Read not data block: D SECC	Defective DME	Check wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice Standard EMI, Test	None
MEVD17.2	INQ000	SUC070	1183	Boost pressure sensor, electrical: Short circuit to earth <td>The diagnostic function monitors the wire to the boost pressure sensor.</td> <td>P023F</td> <td>Turbocharger/Supercharger Boost Sensor A Circuit Low</td> <td>Supercharger/Boost Sensor</td> <td>Electrical</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>Read not data block: D SECC</td> <td>Defective DME</td> <th>Check wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice Standard EMI, Test</th> <th>None</th>	The diagnostic function monitors the wire to the boost pressure sensor.	P023F	Turbocharger/Supercharger Boost Sensor A Circuit Low	Supercharger/Boost Sensor	Electrical	The fault is triggered in the control module's built-in memory immediately.	Terminal IS	None	None	NO	Read not data block: D SECC	Defective DME	Check wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice Standard EMI, Test	None
MEVD17.2	INQ000	SUC71	1187	Boost pressure sensor, Pressure too high <td>During the control module's shutdown phase the diagnostic function monitors the boost pressure sensor, intake manifold pressure and boost pressure sensor to determine whether they are all measuring the same pressure.</td> <td>P1268</td> <td>Boost Sensor A Alternating Diagnostics Pressure Too High</td> <td>Supercharger/Boost Sensor</td> <td>Alternating</td> <td>Collective fault, only service in 5 sec intervals and only after triggering a CC message. The response to the fault is specified for a different fault entry.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>None</td> <td>Defective wiring harness - Sensor has been tampered with - Sensor defective</td> <th>Check wiring harness - Replace sensor</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - None</th> <th>Breakdown notice None</th> <th>None</th>	During the control module's shutdown phase the diagnostic function monitors the boost pressure sensor, intake manifold pressure and boost pressure sensor to determine whether they are all measuring the same pressure.	P1268	Boost Sensor A Alternating Diagnostics Pressure Too High	Supercharger/Boost Sensor	Alternating	Collective fault, only service in 5 sec intervals and only after triggering a CC message. The response to the fault is specified for a different fault entry.	Terminal IS	None	None	NO	None	Defective wiring harness - Sensor has been tampered with - Sensor defective	Check wiring harness - Replace sensor	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - None	Breakdown notice None	None
MEVD17.2	INQ000	SUC72	1187	Boost pressure sensor, Pressure too low <td>During the control module's shutdown phase the diagnostic function monitors the boost pressure sensor, intake manifold pressure and boost pressure sensor to determine whether they are all measuring the same pressure.</td> <td>P126A</td> <td>Boost Sensor A Alternating Diagnostics Pressure Too Low</td> <td>Supercharger/Boost Sensor</td> <td>Alternating</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>None</td> <td>None</td> <td>None</td> <td>NO</td> <td>None</td> <td>Wiring harness defective - Error in sensor adaptation - Error in boost pressure adaptation - Sensor has been tampered with</td> <th>Check wiring harness - Replace sensor</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - None</th> <th>Breakdown notice None</th> <th>None</th>	During the control module's shutdown phase the diagnostic function monitors the boost pressure sensor, intake manifold pressure and boost pressure sensor to determine whether they are all measuring the same pressure.	P126A	Boost Sensor A Alternating Diagnostics Pressure Too Low	Supercharger/Boost Sensor	Alternating	The fault is triggered in the control module's built-in memory immediately.	None	None	None	NO	None	Wiring harness defective - Error in sensor adaptation - Error in boost pressure adaptation - Sensor has been tampered with	Check wiring harness - Replace sensor	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - None	Breakdown notice None	None
MEVD17.2	INQ000	SUC81	1185	Boost pressure sensor, availability: Pressure before throttle valve too high <td>The diagnostic function monitors the boost pressure.</td> <td>P0204</td> <td>Turbocharger/Supercharger A Overboost Condition</td> <td>Supercharger/Boost Pressure</td> <td>Pressure</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>Read not data block: D SECC</td> <td>Defective DME</td> <th>Check in induction system operation (Integrators, etc.) - Inspect wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME</th> <th>MP10 ECE - ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - MP11 US - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice Standard EMI, Test</th> <th>None</th>	The diagnostic function monitors the boost pressure.	P0204	Turbocharger/Supercharger A Overboost Condition	Supercharger/Boost Pressure	Pressure	The fault is triggered in the control module's built-in memory immediately.	Terminal IS	None	None	NO	Read not data block: D SECC	Defective DME	Check in induction system operation (Integrators, etc.) - Inspect wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME	MP10 ECE - ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - MP11 US - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice Standard EMI, Test	None
MEVD17.2	INQ000	SUC84	1186	Boost pressure sensor, availability: Pressure before throttle valve too low when engine not running <td>The diagnostic function monitors the boost pressure.</td> <td>P0200</td> <td>Turbocharger/Supercharger A Underboost Condition</td> <td>Supercharger/Boost Pressure</td> <td>Pressure</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>Read not data block: D SECC</td> <td>None</td> <th>None</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice Standard EMI, Test</th> <th>None</th>	The diagnostic function monitors the boost pressure.	P0200	Turbocharger/Supercharger A Underboost Condition	Supercharger/Boost Pressure	Pressure	The fault is triggered in the control module's built-in memory immediately.	Terminal IS	None	None	NO	Read not data block: D SECC	None	None	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice Standard EMI, Test	None
MEVD17.2	INQ000	SUC85	1187	Boost pressure sensor, availability: Pressure before throttle valve too high when engine not running <td>The diagnostic function monitors the boost pressure.</td> <td>P0202</td> <td>Charge Air Pressure in Comparison to Barometric Pressure Too High</td> <td>Supercharger/Boost Pressure/Boost Pressure</td> <td>Correlation</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>Read not data block: D SECC</td> <td>Defective DME</td> <th>Check operation of an system (Integrators, etc.) - Check wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME</th> <th>MP10 ECE - ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - MP11 US - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice Standard EMI, Test</th> <th>None</th>	The diagnostic function monitors the boost pressure.	P0202	Charge Air Pressure in Comparison to Barometric Pressure Too High	Supercharger/Boost Pressure/Boost Pressure	Correlation	The fault is triggered in the control module's built-in memory immediately.	Terminal IS	None	None	NO	Read not data block: D SECC	Defective DME	Check operation of an system (Integrators, etc.) - Check wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME	MP10 ECE - ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - MP11 US - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice Standard EMI, Test	None
MEVD17.2	INQ000	SUC86	1188	Boost pressure sensor, availability: Pressure before throttle valve too low when engine not running <td>The diagnostic function monitors the boost pressure.</td> <td>P0203</td> <td>Charge Air Pressure in Comparison to Barometric Pressure Too Low</td> <td>Supercharger/Boost Pressure/Boost Pressure</td> <td>Correlation</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>Read not data block: D SECC</td> <td>Defective DME</td> <th>Check operation of an system (Integrators, etc.) - Check wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME</th> <th>MP10 ECE - ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - MP11 US - US emissions warning lamp on - US electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Reduced power</th> <th>Breakdown notice Standard EMI, Test</th> <th>None</th>	The diagnostic function monitors the boost pressure.	P0203	Charge Air Pressure in Comparison to Barometric Pressure Too Low	Supercharger/Boost Pressure/Boost Pressure	Correlation	The fault is triggered in the control module's built-in memory immediately.	Terminal IS	None	None	NO	Read not data block: D SECC	Defective DME	Check operation of an system (Integrators, etc.) - Check wiring harness between DME and boost pressure sensor - Boost pressure sensor defective - Replace DME	MP10 ECE - ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - MP11 US - US emissions warning lamp on - US electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Reduced power	Breakdown notice Standard EMI, Test	None
MEVD17.2	INQ000	SUC88	1180	Discharge valve, activation: Short circuit to B+ <td>The diagnostic function monitors the wire to the compressor bypass valve.</td> <td>P0506</td> <td>Turbocharger/Supercharger Bypass Valve A Control Circuit High</td> <td>Supercharger Bypass Valve</td> <td>Electrical</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>STEUERN, LVL, STEUERN_ENDE, LVL</td> <td>PWM activation signal, (DME)</td> <th>Defect in wiring harness between DME and bypass valve - Defective bypass valve - Defective DME</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Power reduction, CC message for engine malfunction</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the wire to the compressor bypass valve.	P0506	Turbocharger/Supercharger Bypass Valve A Control Circuit High	Supercharger Bypass Valve	Electrical	The fault is triggered in the control module's built-in memory immediately.	Terminal IS	None	None	NO	STEUERN, LVL, STEUERN_ENDE, LVL	PWM activation signal, (DME)	Defect in wiring harness between DME and bypass valve - Defective bypass valve - Defective DME	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Power reduction, CC message for engine malfunction	Breakdown notice None	None
MEVD17.2	INQ000	SUC89	11401	Discharge valve, activation: Short circuit to earth <td>The diagnostic function monitors the wire to the compressor bypass valve.</td> <td>P0504</td> <td>Turbocharger/Supercharger Bypass Valve A Control Circuit Low</td> <td>Supercharger Bypass Valve</td> <td>Electrical</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>STEUERN, LVL, STEUERN_ENDE, LVL</td> <td>PWM activation signal, (DME)</td> <th>Defect in wiring harness between DME and bypass valve - Defective bypass valve - Defective DME</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Power reduction, CC message for engine malfunction</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the wire to the compressor bypass valve.	P0504	Turbocharger/Supercharger Bypass Valve A Control Circuit Low	Supercharger Bypass Valve	Electrical	The fault is triggered in the control module's built-in memory immediately.	Terminal IS	None	None	NO	STEUERN, LVL, STEUERN_ENDE, LVL	PWM activation signal, (DME)	Defect in wiring harness between DME and bypass valve - Defective bypass valve - Defective DME	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Power reduction, CC message for engine malfunction	Breakdown notice None	None
MEVD17.2	INQ000	SUC8A	11402	Discharge valve, activation: Line disconnection <td>The diagnostic function monitors the wire to the compressor bypass valve.</td> <td>P0505</td> <td>Turbocharger/Supercharger Bypass Valve A Control Circuit</td> <td>Supercharger Bypass Valve</td> <td>Electrical</td> <td>The fault is recognized when the engine system from the throttle valve is interrupted.</td> <td>Terminal IS</td> <td>None</td> <td>None</td> <td>NO</td> <td>STEUERN, LVL, STEUERN_ENDE, LVL</td> <td>PWM activation signal, (DME)</td> <th>Defect in wiring harness between DME and bypass valve - Defective bypass valve - Defective DME</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Power reduction, CC message for engine malfunction</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the wire to the compressor bypass valve.	P0505	Turbocharger/Supercharger Bypass Valve A Control Circuit	Supercharger Bypass Valve	Electrical	The fault is recognized when the engine system from the throttle valve is interrupted.	Terminal IS	None	None	NO	STEUERN, LVL, STEUERN_ENDE, LVL	PWM activation signal, (DME)	Defect in wiring harness between DME and bypass valve - Defective bypass valve - Defective DME	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Power reduction, CC message for engine malfunction	Breakdown notice None	None
MEVD17.2	INQ000	SUC90	11408	Blow-off valve, mechanical: Normal closed <td>The diagnostic function monitors the compressor bypass valve to determine if it is blowing to its closed position.</td> <td>P0204</td> <td>Turbocharger/Supercharger Wastegate Solenoid (Para 11)</td> <td>Supercharger Bypass Valve</td> <td>Electrical</td> <td>The fault is recognized by the driver circuit's diagnostic function.</td> <td>None</td> <td>None</td> <td>None</td> <td>NO</td> <td>None</td> <td>Blow-off valve defective</td> <th>Check adaptation (see boost pressure control)</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - Increased pumping cycle from turbocharger</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the compressor bypass valve to determine if it is blowing to its closed position.	P0204	Turbocharger/Supercharger Wastegate Solenoid (Para 11)	Supercharger Bypass Valve	Electrical	The fault is recognized by the driver circuit's diagnostic function.	None	None	None	NO	None	Blow-off valve defective	Check adaptation (see boost pressure control)	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on	None	Possible apparent symptoms - Increased pumping cycle from turbocharger	Breakdown notice None	None
MEVD17.2	INQ000	SUC8A	11402	Blow-off valve, activation: Short circuit to B+ <td>The diagnostic function monitors the electrical wire from the DME to the electromagnet pressure converter.</td> <td>P0204</td> <td>Turbocharger/Supercharger Wastegate Solenoid (Para 11)</td> <td>Supercharger Bypass Valve</td> <td>Electrical</td> <td>The fault is triggered in the control module's built-in memory immediately.</td> <td>None</td> <td>None</td> <td>None</td> <td>NO</td> <td>STUF, LVL, (DME) must be active a defined pressure range (see test data)</td> <td>Defective wiring harness - Electromagnet pressure converter is defective - Defective DME</td> <th>Check wiring harness - Replace electromagnet pressure converter - Replace DME</th> <th>ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on</th> <th>None</th> <th>Possible apparent symptoms - CC message, external protrusion to service technician, loss of power</th> <th>Breakdown notice None</th> <th>None</th>	The diagnostic function monitors the electrical wire from the DME to the electromagnet pressure converter.	P0204	Turbocharger/Supercharger Wastegate Solenoid (Para 11)	Supercharger Bypass Valve	Electrical	The fault is triggered in the control module's built-in memory immediately.	None	None	None	NO	STUF, LVL, (DME) must be active a defined pressure range (see test data)	Defective wiring harness - Electromagnet pressure converter is defective - Defective DME	Check wiring harness - Replace electromagnet pressure converter - Replace DME	ECU emissions warning lamp on - ECE electronic engine power reduction on - CC message on	None	Possible apparent symptoms - CC message, external protrusion to service technician, loss of power	Breakdown notice None	None

MEVD17.2 IN2000	3/3263	13007	EWS-DME interface Hardware fault	The diagnostic function monitors the electronic immobilizer messages.	P108A	EWS (Electronic Immobilizer) Interface to ECM Hardware Error	The fault is registered when a message error is present. Potential problem scenario(s) - Defective wiring harness - Defective CAS - Defective DME	This fault is registered in the control module's fault memory immediately.	none	none	none	NO	CAN bus Malfunction	N	Defective wiring harness - Defective CAS - Defective DME	- Check wiring harness between CAS and DME - Replace CAS - Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms In worst case the starter turns but the engine fails to start	Breakdown notice None	None
MEVD17.2 IN2000	3/3264	13008	EWS-DME interface Firmware error	The diagnostic function monitors the electronic immobilizer messages.	P108B	EWS (Electronic Immobilizer) Software Error	The fault is registered when a message error is present. Potential problem scenario(s) - Defective CAS - Defective DME	The diagnostic fault code is registered when the fault remains present for longer than 3 min.	none	none	none	NO	CAN bus Malfunction	N	Defective CAS - Defective DME	- Replace CAS - Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms In worst case the starter turns but the engine fails to start	Breakdown notice None	None
MEVD17.2 IN2000	3/3265	13009	EWS-DME interface Timeout	The diagnostic function monitors the electronic immobilizer messages.	P108C	Timeout EWS (Electronic Immobilizer) Software	The fault is registered when a time limit violation is detected. Potential problem scenario(s) - Defective wiring harness - Defective CAS - Defective DME	The diagnostic fault code is registered when the fault remains present for longer than 3 min.	none	none	none	NO	CAN bus Malfunction	N	Defective wiring harness - Defective CAS - Defective DME	- Check wiring harness between CAS and DME - Replace CAS - Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms In worst case the starter turns but the engine fails to start	Breakdown notice None	None
MEVD17.2 IN2000	3/3266	13010	EWS-DME interface Remote error, CAS interface	The diagnostic function monitors the electronic immobilizer messages.	P108D	Remote EWS (Electronic Immobilizer) Software	The fault is registered when the checksum is false. Potential problem scenario(s) - Defective CAS - Defective DME	This fault is registered in the control module's fault memory immediately.	none	none	none	NO	CAN bus Malfunction	N	Defective CAS - Defective DME	- Replace CAS - Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms In worst case the starter turns but the engine fails to start	Breakdown notice None	None
MEVD17.2 IN2000	3/3267	13011	DME Internal fault, EWS data, no available memory possibility	The diagnostic function monitors the electronic immobilizer messages.	P108E	EWS (Electronic Immobilizer) Data, No Available Storage Possibility	The fault is registered when no memory is available for the EWS electronic immobilizer synchronization. Potential problem scenario(s) - DME defective	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	N	DME defective	- Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 IN2000	3/3268	13012	DME Internal fault, EWS data, Flash activation code storage	The diagnostic function monitors the electronic immobilizer messages.	P108F	EWS (Electronic Immobilizer) Data, Flash Memory Code Storage	The fault is registered when errors are present in the saved EWS electronic immobilizer data. Potential problem scenario(s) - DME defective	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	N	DME defective	- Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 IN2000	3/3269	13013	DME Internal fault, EWS data, Checksum error	The diagnostic function monitors the electronic immobilizer messages.	P108G	EWS (Electronic Immobilizer) Data, Checksum Error	The fault is registered when errors are present in the saved EWS electronic immobilizer data. Potential problem scenario(s) - DME defective	This fault is registered in the control module's fault memory immediately.	Terminal 15	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	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms Breakdown in extreme cases	Breakdown notice None	None
MEVD17.2 IN2000	3/326A	13014	DME Internal fault, EWS data, Writing fault	The diagnostic function monitors the electronic immobilizer messages.	P108H	EWS (Electronic Immobilizer) Data, Flash Memory Code Storage	The fault is registered when errors are present in the saved EWS electronic immobilizer data. Potential problem scenario(s) - DME defective	This fault is registered in the control module's fault memory immediately.	Terminal 15	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	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms Breakdown in extreme cases	Breakdown notice None	None
MEVD17.2 IN2000	3/326C	13016	EWS-DME message Journal Timeout	The diagnostic function monitors communication on the CAN bus to receive electronic immobilizer messages.	U0107	Lost Communication With Vehicle Immobilizer Control Module	The fault is registered when no message has been received from the CAS. Potential problem scenario(s) - Defective wiring harness - Defective CAS - Defective DME	The diagnostic fault code is registered when the fault remains present for longer than 3 min.	none	none	none	NO	CAN bus Malfunction	N	Defective wiring harness - Defective CAS - Defective DME	- Check wiring harness on CAN, gateway and on DME - Replace gateway - Replace CAS - Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms In worst case the starter turns but the engine fails to start	Breakdown notice None	None
MEVD17.2 IN2000	3/326D	13017	Brake light switch, plausibility, signal malfunctions	The diagnostic function monitors the plausibility of the brake light switch.	P108I	Brake Switch 'C' Circuit	The fault is registered when the status of the brake light switch does not correspond to that of the brake light switch. Potential problem scenario(s) - Defective wiring harness - Defective CAS - Defective DME	This fault code is registered in the control module's fault memory when it remains present for longer than 3 min.	Terminal 15	2 min. continuous open circuit at both sections Brake light switch and brake light test switch	none	NO	none	N	Defective wiring harness - Brake light switch defective	- Check wiring harness between DME and brake light switch - Replace brake light switch	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms CC message	Breakdown notice None	None
MEVD17.2 IN2000	3/326E	13019	Terminal 15, 3, line from CAS, electrical Short circuit to earth or line disconnection	The diagnostic function monitors the redundant Terminal 15 off-line from the CAS to the DME for short circuits to ground and opens.	P108J	Terminal 15 Sense Circuit Line	The fault is recognized by the driver control diagnostic function. Potential problem scenario(s) - Defective wiring harness between CAS and DME - Defective CAS - Defective DME	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	N	- Defect in wiring harness between CAS and DME - Defective CAS - Defective DME	- Check wiring harness between CAS and DME - Replace CAS - Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 IN2000	3/326F	13021	Terminal 15, 3, line from CAS, electrical Short circuit to B+	The diagnostic function monitors the redundant Terminal 15 off-line from the CAS to the DME for short circuits to positive.	P108K	Terminal 15 Sense Circuit Short	The fault is recognized by the driver control diagnostic function. Potential problem scenario(s) - Defective wiring harness between CAS and DME - Defective CAS - Defective DME	This fault is registered in the control module's fault memory immediately.	Terminal 15	Shutdown phase	none	NO	none	N	- Defect in wiring harness between CAS and DME - Defective CAS - Defective DME	- Check wiring harness between CAS and DME - Replace CAS - Replace DME	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 IN2000	3/326G	13022	Terminal 67, 3, power supply switched by main relay, electrical Short circuit to earth or line disconnection	The diagnostic function monitors the voltage supply wire to Terminals 15N, 1 and R42, 1 for an open wire or short circuit to ground.	P108L	Terminal 15N, 1 / 67, 3 Power Supply Circuit	The fault is registered when voltage is present at the DME input (RELAY 2) or 15N, 1, although the main relay has closed. Potential problem scenario(s) - Fuse defective - Defect in wiring harness between main relay and DME - Main relay defective - Defective DME	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	N	- Fuse defective - Defect in wiring harness between main relay and DME - Main relay defective - Defective DME	- Check fuse - Check wiring harness between main relay and DME - Replace main relay	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms Range from reduced power to breakdown vehicle	Breakdown notice None	None
MEVD17.2 IN2000	3/326H	13023	Terminal 67, 2, power supply switched by main relay, electrical Short circuit to earth or line disconnection	The diagnostic function monitors the voltage supply wire to Terminals 15N, 1 and R42, 1 for an open wire or short circuit to ground.	P108M	Terminal 15N, 2 / 67, 2 Power Supply Circuit	The fault is registered when voltage is present at the DME input (RELAY 2) or 15N, 2, although the main relay has closed. Potential problem scenario(s) - Fuse defective - Defect in wiring harness between main relay and DME - Main relay defective - Defective DME	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	N	- Fuse defective - Defect in wiring harness between main relay and DME - Main relay defective - Defective DME	- Check fuse - Check wiring harness between main relay and DME - Replace main relay	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms Range from reduced power to breakdown vehicle	Breakdown notice None	None
MEVD17.2 IN2000	3/326I	13024	67, 2 terminal, power supply switched by main relay, electrical Short circuit to earth or line disconnection	The diagnostic function monitors the voltage supply wire to Terminals 15N, 1 and R42, 1 for an open wire or short circuit to ground.	P108N	Terminal 15N, 3 / 67, 3 Power Supply Circuit	The fault is registered when voltage is present at the DME input (RELAY 2) or 15N, 3, although the main relay has closed. Potential problem scenario(s) - Fuse defective - Defect in wiring harness between main relay and DME - Main relay defective - Defective DME	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	N	- Fuse defective - Defect in wiring harness between main relay and DME - Main relay defective - Defective DME	- Check fuse - Check wiring harness between main relay and DME - Replace main relay	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms Range from reduced power to breakdown vehicle	Breakdown notice None	None
MEVD17.2 IN2000	3/326J	13114	Engine switch-off time, plausibility, Time to stop in correlation to engine coolant cooling	The diagnostic function monitors the engine's calculated downtime by comparing with the drop in coolant temperature while the engine is idling.	P108B	External Engine Off Time Engine Off Time Too Short in Correlation to Cooling Down Of Engine Coolant	The time required for engine cooling is implausibly short relative to the calculated time. Potential problem scenario(s) - Instrument cluster disconnected from Terminal 25 during instrument cluster (battery change) - Collected fault stemming from a defective engine temperature sensor - Collected fault from instrument cluster	This fault is registered in the control module's fault memory immediately.	none	Engine temperature at engine shutdown > 110 °C	none	NO	none	Y	- Instrument cluster disconnected from Terminal 25 during instrument cluster (battery change) - Collected fault stemming from a defective engine temperature sensor - Collected fault from instrument cluster time signal from instrument cluster	- If Terminal 25 was disconnected, no further action required. - Note any logged faults related to the coolant temperature sensor. - Check whether the instrument cluster time is correct.	- ECE emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 IN2000	3/326K	13115	Engine switch-off time, plausibility, Time to stop in correlation to engine coolant cooling	The diagnostic function monitors the engine's calculated downtime by comparing with the drop in coolant temperature while the engine is idling.	P108C	External Engine Off Time Engine Off Time Too Long in Correlation to Cooling Down Of Engine Coolant	The time required for engine cooling is implausibly long relative to the calculated time. Potential problem scenario(s) - Collected fault stemming from a defective engine temperature sensor - Collected fault stemming from instrument cluster	This fault is registered in the control module's fault memory immediately.	none	Engine temperature at engine shutdown < 80 °C	none	NO	none	Y	- Collected fault stemming from a defective engine temperature sensor - Collected fault stemming from instrument cluster	- Wash for diagnostic fault code entries related to the coolant temperature sensor, replace the coolant temperature sensor as indicated in the instrument cluster. - Check whether the instrument cluster time is correct.	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	none	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 IN2000	3/326L	13024	Engine switch-off time, Fuel during engine operation	The diagnostic function compares the internal lines of the DME and the instrument cluster while the engine is idling.	P108A	External Engine Off Time Instrumentation Too Fuel During Engine Operation	The diagnostic fault code is registered when the fuel memory present for longer than 3 min. Potential problem scenario(s) - Defective wiring harness from fuel memory system in the DME and/or instrument cluster	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	Y	- Collected fault resulting from fuel memory system in the DME and/or instrument cluster	- Because this is a collateral fault, start by resolving issues related to other faults logged in the DME or instrument cluster, no additional action will be needed with these kinds of faults	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	US only	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 IN2000	3/326M	13016	Engine switch-off time, Time slow during engine operation	The diagnostic function compares the internal lines of the DME and the instrument cluster.	P108B	External Engine Off Time Instrumentation Too Slow During Engine Operation	The diagnostic fault code is registered when the fuel memory present for longer than 3 min. Potential problem scenario(s) - Defective wiring harness from fuel memory system in the DME and/or instrument cluster	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	Y	- Collected fault resulting from fuel memory system in the DME and/or instrument cluster	- Because this is a collateral fault, start by resolving issues related to other faults logged in the DME or instrument cluster, no additional action will be needed with these kinds of faults	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	US only	Possible apparent symptoms None	Breakdown notice None	None
MEVD17.2 IN2000	3/326N	13016	Engine switch-off time, signal, missing	The diagnostic function monitors the transmission of the CAN time signal from the instrument cluster. Diagnosis is implemented by CAN bus check.	P108E	External Engine Off Time No Signal	The fault is recognized when a deviation of more than 12 sec. is present. Potential problem scenario(s) - Collateral fault resulting from fuel memory system in the DME and/or instrument cluster	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	Y	- Collateral fault resulting from fuel memory system in the DME and/or instrument cluster	- Because this is a collateral fault, start by resolving issues related to other faults logged in the DME or instrument cluster, no additional action will be needed with these kinds of faults	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	US only	Possible apparent symptoms No display of time and stop	Breakdown notice None	None
MEVD17.2 IN2000	3/326O	13018	Engine switch-off time, This fault during after-on	The diagnostic function compares the internal lines of the DME and the instrument cluster when the ignition is switched on again while the control module is in a shutdown phase.	P108C	External Engine Off Time Instrumentation Too Fast During ECU Shutdown	The fault is recognized when a deviation of more than 12 sec. is present. Potential problem scenario(s) - Collateral fault resulting from fuel memory system in the DME and/or instrument cluster	This fault is registered in the control module's fault memory immediately.	Terminal 15	none	none	NO	none	Y	- Collateral fault resulting from fuel memory system in the DME and/or instrument cluster	- Because this is a collateral fault, start by resolving issues related to other faults logged in the DME or instrument cluster, no additional action will be needed with these kinds of faults	- US emissions warning lamp on - ECE electronic engine power reduction of - CC message on	US only	Possible apparent symptoms None	Breakdown notice None	None

MEVD17.2 IN2000	34384	13453	Characteristic map thermostat, mechanical - normal open	The diagnostic function monitors the rise in coolant temperature at the engine's design operating condition	P0128	Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)	Thermostat	Functional Check	A fault is recognized when the engine temperature is below 90 °C when the fault is processed. Because the fault time is defined by the temperature reading, it is also determined by the model's top speed for mass, ambient temperature and model (normal/extra)	The diagnostic fault code is triggered when the fault remains present for longer than 3 min.	None	Engine RPM sensor 001	Coolant temperature lower than 40 °C	None	No	None	Y	- Defect in wiring harness - Check wiring harness	- Check wiring harness - Replace map-controlled thermostat	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message, none	ML, DM in US version only	- The output of the Vindicator may be reduced	Possible apparent symptoms - The output of the Vindicator may be reduced	Breakdown notice: none	- When the engine is heated from external sources, such as an auxiliary heater, diagnostic errors can result		
MEVD17.2 IN2000	34386	13454	Map thermostat, activation. Short circuit to 0V	The diagnostic function monitors activation of the program map thermostat	P0088	Thermostat Heating Circuit/Short High	Thermostat	Electrical	Potential problem source(s) - Defect in wiring harness between DME and program map thermostat	This fault is triggered in the control module's fault memory immediately	None	Engine 021	None	None	None	None	None	Y	- Defect in wiring harness between DME and program map thermostat - Check wiring harness between DME and program map thermostat	- Defect in wiring harness between DME and program map thermostat - Replace map-controlled thermostat	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message, none - US emissions warning lamp on - US electronic engine power reduction on - CC message, none	None	Possible apparent symptoms US, ML on, customer proceeds to service facility	Breakdown notice: none	None		
MEVD17.2 IN2000	34387	13455	Map thermostat, activation. Short circuit to earth	The diagnostic function monitors activation of the program map thermostat	P0088	Thermostat Heater Control Circuit Low	Thermostat	Electrical	Potential problem source(s) - Defect in wiring harness between DME and program map thermostat	This fault is triggered in the control module's fault memory immediately	None	Engine 021	None	None	None	None	None	Y	- Defect in wiring harness between DME and program map thermostat - Check wiring harness between DME and program map thermostat	- Defect in wiring harness between DME and program map thermostat - Replace map-controlled thermostat	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message, none - US emissions warning lamp on - US electronic engine power reduction on - CC message, none	None	Possible apparent symptoms US, ML on, customer proceeds to service facility	Breakdown notice: none	None		
MEVD17.2 IN2000	34388	13456	Map thermostat, activation. Line disconnection	The diagnostic function monitors activation of the program map thermostat	P0087	Thermostat Heater Control Circuit/Open	Thermostat	Electrical	Potential problem source(s) - Defect in wiring harness between DME and program map thermostat	This fault is triggered in the control module's fault memory immediately	None	Engine 021	None	None	None	None	None	Y	- Defect in wiring harness between DME and program map thermostat - Check wiring harness between DME and program map thermostat	- Defect in wiring harness between DME and program map thermostat - Replace map-controlled thermostat	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message, none - US emissions warning lamp on - US electronic engine power reduction on - CC message, none	None	Possible apparent symptoms US, ML on, customer proceeds to service facility	Breakdown notice: none	None		
MEVD17.2 IN2000	34389	13457																									
MEVD17.2 IN2000	34390	13458																									
MEVD17.2 IN2000	34391	13459																									
MEVD17.2 IN2000	34392	13460																									
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MEVD17.2 IN2000	34429	13497																									
MEVD17.2 IN2000	34430	13498																									
MEVD17.2 IN2000	34431	13499																									
MEVD17.2 IN2000	34432	13500	Idle speed control. Engine speed too high	The diagnostic function monitors the idle speed when the engine is operated at normal operating temperature	P0507	Idle Control System RPM/Higher Than Expected	Idle Speed Control	RPM	Potential problem source(s) - Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - The actual idle speed, before the specified idle speed is more than 100 rpm	This fault is triggered in the control module's fault memory immediately	None	Other conditions - Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Engine warning to normal temp. above 80 °C - 3 sec. after engine on	None	None	None	None	Y	- Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Check for leaks in an induction tract between throttle valve and engine - If faults related to the throttle valve have been logged, repair these first	- Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Check for leaks in an induction tract between throttle valve and engine	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message, none	US only	Possible apparent symptoms - Idle speed too high	Breakdown notice: none	None			
MEVD17.2 IN2000	34433	13501	Idle speed control. Engine speed too low	The diagnostic function monitors the idle speed when the engine is operated at normal operating temperature	P0508	Idle Control System RPM/Lower Than Expected	Idle Speed Control	RPM	Potential problem source(s) - Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - The actual idle speed, before the specified idle speed is more than 200 rpm	This fault is triggered in the control module's fault memory immediately	None	Other conditions - Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Engine warning to normal temp. above 80 °C - 3 sec. after engine on	None	None	None	None	Y	- Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Check for leaks in an induction tract between throttle valve and engine - If faults related to the throttle valve have been logged, repair these first	- Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Check for leaks in an induction tract between throttle valve and engine	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message, none	US only	Possible apparent symptoms - Idle speed too low	Breakdown notice: none	None			
MEVD17.2 IN2000	34434	13502	Idle speed control, cold start. Engine speed too high	The diagnostic function monitors the idle speed during the vehicle's warm-up phase	P0502	Cold Start Idle Air Control System RPM/Higher Than Expected (Bank 1)	Idle Speed Control	Cold Start RPM	Potential problem source(s) - Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - The actual idle speed falls below the specified idle speed is more than 300 rpm	This fault is triggered in the control module's fault memory immediately	None	Engine 021	None	None	None	None	None	Y	- Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Check for leaks in an induction tract between throttle valve and engine - If faults related to the throttle valve have been logged, repair these first	- Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Check for leaks in an induction tract between throttle valve and engine	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message, none	US only	Possible apparent symptoms - Idle speed too high	Breakdown notice: none	None		
MEVD17.2 IN2000	34435	13503	Idle speed control, cold start. Engine speed too low	The diagnostic function monitors the idle speed during the vehicle's warm-up phase	P0503	Cold Start Idle Air Control System RPM/Lower Than Expected (Bank 1)	Idle Speed Control	Cold Start RPM	Potential problem source(s) - Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - The actual idle speed falls below the specified idle speed is more than 300 rpm	This fault is triggered in the control module's fault memory immediately	None	Engine 021	None	None	None	None	None	Y	- Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Check for leaks in an induction tract between throttle valve and engine - If faults related to the throttle valve have been logged, repair these first	- Colateral fault from defective throttle valve - Leak in air induction tract between throttle valve and engine - Check for leaks in an induction tract between throttle valve and engine	- ECE emissions warning lamp on - ECE electronic engine power reduction on - CC message on - US emissions warning lamp on - US electronic engine power reduction on - CC message, none	US only	Possible apparent symptoms - Idle speed too low	Breakdown notice: none	None		
MEVD17.2 IN2000	34436	13504																									
MEVD17.2 IN2000	34437	13505																									
MEVD17.2 IN2000	34438	13506																									
MEVD17.2 IN2000	34439	13507																									
MEVD17.2 IN2000	34440	13508																									
MEVD17.2 IN2000	34441	13509																									
MEVD17.2 IN2000	34442	13510																									
MEVD17.2 IN2000	34443	13511																									
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