Code	Description	Reason
P0016	Distribution Shaft SENSOR F558 - Signals from the distribution shaft sensor (F558) and the Crankshaft Speed sensor (F552) Not AccEtstvujut.	- Incorrect Configure Timing - Failure or contamination of the crankshaft speed sensor (F552) and/or distribution shaft sensor (F558) - Too large air gap between the crankshaft speed sensor (F552) and Flywheel - The air gap between the distribution shaft sensor is too large (F558) and Pulse Wheel - Damage to the flywheel and/or pulse Wheels - Interrupt or short-circuit to mass on the contact A49 ECU - Interrupt on Contact A50 Ecu
P0017	Crankshaft Speed Sensor F552 - Signals From Sensor Revolutions Cranked ShaftF558) and the distribution shaft sensor (F552) Not Match.	- Incorrect Configure Timing - Failure or contamination of the crankshaft speed sensor (F552) and/or distribution shaft sensor (F558) - The air gap between the sensor is too large Revolutions Crank Shaft (F552) and Flywheel - The air gap between the distribution shaft sensor is too large (F558) and Pulse Wheel - Damage to the flywheel and/or pulse Wheels - Interrupt or short-circuit to mass on the contact A49 ECU - Interrupt on Contact A50 Ecu
P0069	Air inlet pressure sensor F649/ F802 - The pressurization pressure extends beyond the range during Ignition.	- Improper supply voltage in the inlet pressure sensor - Resistance Contact(Oj) в Between the air boost pressure sensor on the inlet and the ECU - Malfunction of the air boost pressure sensor on the Inlet
P0070	Ambient temperature sensor F651 - Incorrect message from sensor	- Contact Resistance (Oj) in the wiring between the ambient temperature sensor (F651) and Ecu - Ambient temperature sensor malfunction (F651) - Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
P0072	Ambient temperature sensor F651 - The ambient temperature extends beyond the range, below the threshold Values	- Contact Resistance (Oj) in the wiring between the ambient temperature sensor (F651) and Ecu - Ambient temperature sensor malfunction (F651)
P0073	Ambient temperature sensor F651 - The ambient temperature extends beyond the range, above the threshold Values	- Contact Resistance (Oj) in the wiring between the ambient temperature sensor (F651) and Ecu - Ambient temperature sensor malfunction (F651)
P0087	Fuel Pressure sensor F713/F801 - Pressure too low Fuel.	- Internal Or Outdoor Leaks Fuel - Fault Fuel Pump - The fuel pressure adjustment valve does not close - Fault Sensor Pressure Fuel
P0088	Fuel Pressure sensor F713/F801 - Pressure too high Fuel.	- Fuel pressure adjustment valve seizing

P0107	Air inlet pressure sensor F649/ F802 - Too Low Pressure Boost.	- Improper supply voltage in the inlet pressure sensor - Resistance Contact(Oj) в Between the pressurized air inlet pressure sensor and the Ecu - Malfunction of the air boost pressure sensor on the Inlet - Leak In the System Fence Air - Incorrect Work Overflow Valve - Fault Turbocharger - Interrupt or short-circuit to mass on the contact A28 ECU - Interrupt or short-circuit to mass on the contact A30 ECU - Short-circuit to mass on contact C30 Ecu
P0108	Air inlet pressure sensor F649/ F802 - Too High Pressure Boost.	- Improper supply voltage in the inlet pressure sensor - Resistance Contact(Oj) в Between the air boost pressure sensor on the inlet and the ECU - Failure of the inlet pressure sensor (F649) - Incorrect Work Overflow Valve - Fault Turbocharger - Short circuit to the power source on the contact A30 Ecu - Interrupt on Contact A27 Ecu
P0110	Inlet air temperature Sensor F649/F804 - The inlet air temperature extends beyond the range during Ignition.	- Contact Resistance (Oj) in the wiring between the inlet air temperature sensor and the Ecu - Malfunction of the air temperature sensor on the Inlet
P0112	Inlet air temperature Sensor F649/F804 - Voltage is too low on the contact A34 Ecu.	- Short-circuit to mass on contact A34 Ecu - Short-circuit between contact A27 and contact A34 - Contact Resistance (Oj) in the wiring between the inlet air temperature sensor and the Ecu - Malfunction of the air temperature sensor on the Inlet
P0113	Inlet air temperature Sensor F649/F804 - Too high voltage on the contact A34 Ecu.	- Interrupt or short circuit to the power source on the contact A34 ECU - Short-circuit between contact A28 and contact A34 - Short-circuit to mass on contact A27 Ecu - Malfunction of the air temperature sensor on the Inlet
P0115	Coolant temperature Sensor F566 - Temperature Cooling Liquid On The inlet is out of range during ignition.	- Interrupt in a contact's transaction C25 and/or contact C26 ECU - Coolant temperature sensor malfunction (F566) - Fault Thermostat - Pollution Radiator - **Car Has System Hydronic 10:** The car engine did not work for more than eight hours, and the additional heater was switched on. The cooling fluid in the cooling circuit is heated by an additional heater. Therefore, there is a difference between the coolant temperature and the average temperature of the pressurized air, fuel and oil.

P0117	Coolant temperature Sensor F566 - Voltage is too low on the contact C25 Ecu.	- Coolant temperature sensor malfunction (F566) - Short-circuit to mass on contact C25 ECU - Interrupt in a contact's transaction C25 and/or contact C26 ECU - Contact Resistance (Oj) in the wiring between the engine coolant temperature sensor (F566) and Ecu
P0118	Coolant temperature Sensor F566 - Too high voltage on the contact C25 Ecu.	- Coolant temperature sensor malfunction (F566) - Short circuit to the power source on the contact C25 Ecu - Interrupt or short circuit to the power source on the contact C25 ECU - Interrupt on Contact C26 Ecu
P0121	Accelerator pedal Sensor F672 - Seizing pedals Accelerator.	- Mechanical Fault Pedal Accelerator - Fault Spinner - The accelerator pedal is pressed and the working brake pedal is pressed at the same time.
P0122	Accelerator pedal Sensor F672 - Short-circuit to mass in the transaction on the contact B33 Ecu.	- Interrupt or short-circuit to mass on the contact B33 ECU - Interrupt or short-circuit to mass on the contact B34 Ecu - Fault Spinner
P0123	Sensor Pedal Accelerator F672 - Short circuit on the power supply in the transaction on the contact B33 Ecu.	- Interrupt in a transaction on a contact B37 Ecu - Short circuit to power supply 5 in on contact B33 Ecu - Fault Spinner
P0127	Inlet air temperature Sensor F649/F804 - Too High Temperature.	- Mechanical malfunction (air cooler on the Inlet - Too High Temperature Engine
P0168	Fuel temperature Sensor F713/F803 - Reached maximum Permissible Fuel temperature.	- Fault Sensor Pressure Fuel
P0180	Fuel temperature Sensor F713/F803 - The fuel temperature extends beyond the range during Ignition.	- Contact Resistance (Oj) in the wiring between the fuel temperature sensor and the Ecu - Fault Sensor Temperature Fuel - Warm fuel due to return fuel in Result Low fuel level
P0182	Fuel temperature Sensor F713/F803 - Voltage is too low on the contact A41 Ecu.	- Short-circuit to mass on contact A41 Ecu - Resistance Contact(Oj) в Between the fuel temperature sensor and the ECU - Fault Sensor Temperature Fuel
P0183	Sensor Temperature Fuel F713/F803 - Too high voltage on the contact A41 Ecu.	- Interrupt On Contact A46 Ecu - Interrupt or short circuit to the power source on the contact A41 ECU - Short-circuit between contacts A41 and A42 Ecu - Fault Sensor Temperature Fuel
P0195	Motor Oil Temperature sensor F647/F808 -The temperature of the motor oil at the inlet extends beyond the range during ignition.	- Contact Resistance (Oj) in the wiring between the temperature sensor of the motor oil and the Ecu - Malfunction of the temperature sensor of the motor Oil

P0197	Motor Oil Temperature sensor F647/F808 - Voltage is too low on the contact C29 Ecu.	- Short-circuit to mass on contact C29 Ecu - Short-circuit between contacts C29 and C34 ECU - Contact Resistance (Oj) in the wiring between the temperature sensor of the motor oil and the Ecu - Malfunction of the temperature sensor of the motor Oil
P0198	Motor Oil Temperature sensor F647/F808 - Too high voltage on the contact C29 Ecu.	- Interrupt or short circuit to power supply 5 in on contact C29 ECU - Fault Sensor Temperature Motor Oil - Interrupt on Contact C34 Ecu
P0201	Electromagnetic valve of the pump unit of the cylinder № 1, B131 - Interrupt on Contact A3 and/or contact A4. - Short-circuit to mass on contact A4 ECU	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 1 (B131)
P0202	Electromagnetic valve of the pumping unit of the cylinder № 2, B132 - Interrupt on Contact A11 and/or contact A20. - Short Circuit On Mass On Contact A20 Ecu	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 2 (B132)
P0203	Electromagnetic valve of the pumping unit of the cylinder № 3, B133 - Interrupt on Contact A7 and/or contact A12. - Short Circuit On Mass On Contact A12 ECU	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 3 (B133)
P0204	Electromagnetic valve of the pumping unit of the cylinder № 4, B134 - Interrupt on Contact A23 and/or contact A24. - Short Circuit On Mass On Contact A24 Ecu	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 4 (B134)
P0205	Electromagnetic valve of the pumping unit of the cylinder № 5, B135 - Interrupt on Contact A8 and/or contact A15. - Short-circuit to mass on contact A8 ECU	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 5 (B135)
P0206	Electromagnetic valve of the pumping unit of the cylinder № 6, B136 - Interrupt on Contact A16 and/or contact A19. - Short Circuit On Mass On Contact A16 Ecu	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 6 (B136)
P0217	Coolant temperature Sensor F566 - Too high Temperature.	- Fault Fan - Fault Thermostat - Pollution/Lock Radiator
P0219	Crankshaft Speed Sensor F552 - Warning about exceeding of allowed speed	**Engine Mx:** This problem occurs when the 2250 rpm during normal operation and at 2300 rpm, if engine brake is on **Engine PR:** This problem occurs when the 2800 rpm during normal operation and at 2900 rpm, if engine brake is on
P0234	The inlet air pressure is too high at the active bypass valve.	- Interrupt or short-circuit to mass on the contact C8 ECU - Short circuit to the power source on the contact C8 Ecu - Interrupt on Contact C59 Ecu
P0243	Bypass valve B368 - Interrupt in a transaction on a contact C8 Ecu.	- Fault Overflow Valve (B368)
P0245	Bypass valve B368 - Short-circuit to mass on contact C8 ECU	- Fault Overflow Valve (B368)

P0246	Bypass valve B368 - Short circuit to the power source on the contact C8 ECU	- Fault Overflow Valve (B368)
P0261	Electromagnetic valve of the pump unit of the cylinder № 1, B131 - Short-circuit to mass on contact A4 ECU - Interrupt on Contact A3 ECU	- Interrupt on Contact A3 and/or contact A4 ECU - Fault Electromagnetic Valve of the pump unit of the cylinder № 1 (B131)
P0262	Electromagnetic valve of the pump unit of the cylinder № 1, B131 - Short circuit to the power source on the contact A4 Ecu.	- Short circuit to the power source on the contact A8 Ecu - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 1 (B131) - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 5 (B135)
P0263	The level of the cylinder № is too low 1 This problem occurs only when: - Temperature Cooling Liquid Above 62 C - Engine speed above idle speed	- Short circuit to the power source on the contact A36 Ecu. - Malfunction of solenoid valve in cylinder 1 engine brake Mx (B411) - Mechanical failure (e.g. nozzle malfunction, pusher or valve breakage) - The valve gap is too large (> 1.0 mm), in this case, check whether the actuator is causing the Valve. - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 1 and/or nozzle (check Resistance
P0264	Electromagnetic valve of the pumping unit of the cylinder № 2, B132 - Short Circuit On Mass On Contact A20 Ecu.	- Interrupt on ContactA11 and/or contact A20 ECU - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 2 (B132)
P0265	Electromagnetic valve of the pumping unit of the cylinder № 2, B132 - Short circuit to the power source on the contact A20 Ecu.	- Short circuit to the power source on the contact A24 Ecu - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 2 (B132) - Fault Electromagnetic Valve of the pump unit of the cylinder № 4 (B134)
P0266	The level of the cylinder № is too low 2 This problem occurs only when: - Temperature Cooling Liquid Above 62 C - Engine speed above idle speed	- Short circuit to the power source on the contact A52 Ecu. - Fault Electromagnetic Valve in cylinder 2 engine brakes Mx (B412) - Mechanical Fault (e.g. nozzle malfunction, pusher or valve breakage) - Too Big Gap Valve (> 1.0 mm), in this case, check that the valve actuator is not the cause. - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 2 and/or nozzles (check Resistance - Incorrectly marked TDC on the flywheel (engine PR) - Aluminum Push Ring For Installation Sensor The speed of the crankshaft has left its place (the engine PR With engine PTO)
P0267	Electromagnetic valve of the pumping unit of the cylinder № 3, B133 - Short Circuit On Mass On Contact A12 ECU	- Interrupt on Contact A7 and/or contact A12 Ecu - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 3 (B133)
P0268	Electromagnetic valve of the pumping unit of the cylinder № 3, B133 - Short circuit to the power source on the contact A12 Ecu.	- Short circuit to the power source on the contact A16 Ecu - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 3 (B133) - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 6 (B136)

P0269	The level of the cylinder № is too low 3 This problem occurs only when: - Temperature Cooling Liquid Above 62 C - Engine speed above idle speed	- Short circuit to the power source on the contact A44 Ecu. - Malfunction of the solenoid valve in the cylinder 3 engine brakes Mx (B413) - Mechanical failure (e.g. nozzle malfunction, pusher or valve breakage) - The valve gap is too large (> 1.0 mm), in this case, check whether the actuator is causing the Valve. - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 3 and/or nozzles (check Resistance
P0270	Electromagnetic valve of the pumping unit of the cylinder № 4, B134 - Short Circuit On Mass On Contact A24 Ecu.	- Interrupt On Contact A23 and/or Contact A24 Ecu - Fault Electromagnetic Valve of the pump unit of the cylinder № 4 (B134)
P0271	Electromagnetic valve of the pumping unit of the cylinder № 4, B134 - Short circuit to the power source on the contact A24 Ecu.	- Short circuit to the power source on the contact A20 Ecu - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 2 (B132) - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 4 (B134)
P0272	The level of the cylinder № is too low 4 This problem occurs only when: - Temperature Cooling Liquid Above 62 C - Engine speed above idle speed	- Short circuit to the power source on the contact A56 Ecu. - Malfunction of the solenoid valve in the cylinder 4 engine brakes Mx (B414) - Mechanical failure (e.g. nozzle malfunction, pusher or valve breakage) - The valve gap is too large (> 1.0 mm), in this case, check whether the actuator is causing the Valve. - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 4 and/or nozzles (check Resistance
P0273	Electromagnetic valve of the pumping unit of the cylinder № 5, B135 - Short-circuit to mass on contact A8 Ecu	- Interrupt On Contact A15 and/or contact A8 ECU - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 5 (B135)
P0274	Electromagnetic valve of the pumping unit of the cylinder № 5, B135 - Short circuit to the power source on the contact A8 Ecu.	- Short circuit to the power source on the contact A4 Ecu - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 1 (B131) - Fault Electromagnetic Valve of the pump unit of the cylinder № 5 (B135)
P0275	The level of the cylinder № is too low 5 This problem occurs only when: - Temperature Cooling Liquid Above 62 C - Engine speed above idle speed	- Short circuit to the power source on the contact A40 Ecu. - Fault Electromagnetic Valve in cylinder 5 engine brakes Mx (B415) - Mechanical Fault (e.g. nozzle malfunction, pusher or valve breakage) - Too Big Gap Valve (> 1.0 mm), in this case, check that the valve actuator is not the cause. - Fault Electromagnetic Valve Pump Unit Cylinder № 5 and/or nozzles (check resistance) - Incorrectly marked TDC on the flywheel (engine PR) - Aluminum Push Ring For Installation Sensor The speed of the crankshaft has left its place (the engine PR With engine PTO)

P0276	Electromagnetic valve of the pumping unit of the cylinder № 6, B136 - Short Circuit On Mass On Contact A16 Ecu.	- Interrupt On Contact A19 and/or Contact A16 Ecu - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 6 (B136)
P0277	Electromagnetic valve of the pumping unit of the cylinder № 6, B136 - Short circuit to the power source on the contact A16 Ecu.	- Short circuit to the power source on the contact A12 Ecu - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 3 (B133) - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 6 (B136)
P0278	The level of the cylinder № is too low 6 This problem occurs only when: - Temperature Cooling Liquid Above 62 C - Engine speed above idle speed	- Short circuit to the power source on the contact A48 Ecu. - Malfunction of the solenoid valve in the cylinder 6 engine brakes Mx (B416) - Mechanical failure (e.g. nozzle malfunction, pusher or valve breakage) - The valve gap is too large (> 1.0 mm), in this case, check whether the actuator is causing the Valve. - Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 6 and/or nozzles (check Resistance
P0298	Engine oil temperature too high	- The coolant filter in the oil block is contaminated (engine Mx)
P0299	The inlet air pressure is too low at the active bypass valve.	
P0335	Crankshaft Speed Sensor F552 - No signal or signal Invalid.	- Interrupt, short circuit to power supply, short circuit to mass, contact resistance (Oj) or interrupt in the transaction on the contact A49 and/or contact A50 Ecu - Failure or contamination of the crankshaft speed sensor (F552) - There is too much air gap between the crankshaft speed sensor and the Flywheel - No Hole (Oy) in the flywheel due to the Pollution - Interrupt or short-circuit to mass on the contact A49 Ecu - Interrupt on Contact A50 Ecu
P0336	Crankshaft Speed Sensor F552 - Signal disruption during normal operation	- Unreliable Connection Or Bad Contact - Failure of the crankshaft speed sensor (F552) - There is too much air gap between the crankshaft speed sensor and the Flywheel - External Influence
P0340	Sensor Distribution Shaft F558 - Signal Missing Or Invalid.	- Short circuit, short circuit to power source, short circuit to mass, contact resistance (Oj) or interrupt in the transaction on the contact A53 Ecu - malfunction or contamination of the distribution shaft sensor (F558) - Too Big Air The gap between the distribution shaft sensor and the pulse wheel - Interrupt on Contact A54 Ecu
P0341	Distribution Shaft SENSOR F558 - Signal disruption during normal operation	- Unreliable Connection Or Bad Contact - Failure of the camshaft sensor (F558) - Too Big Air The gap between the distribution shaft sensor and the pulse wheel - External Influence

P0475	Brake Valve-Retarder B192 - Interrupt in a transaction on a contact C28 Ecu.	- Fault Valve Brakes- Moderator B192 - Interrupt or short-circuit to mass on the contact C60, C61 Or C62 ECU
P0477	Brake Valve-Retarder B192 - Short Circuit On Mass On Contact C28 Ecu.	- Malfunction of the brake valve-retarder B192
P0478	Brake Valve-Retarder B192 - Short circuit to the power source on the contact C28 Ecu.	- Malfunction of the brake valve-retarder B192
P0480	Electronically controlled fan Clutch B335 - Interrupt in a transaction on a contact C16 Ecu.	- Malfunction of the fan clutch with electronic control (B335)
P0500	Speed Car - Signal Invalid.	- Possible influence of external factors on the car speed signal coming from the speed sensor in the MTCO - Too large air gap between the speed sensor and the pulse Wheel - Interrupt, Short Circuit To "mass" or short circuit to the power source on the contact A53 ECU - Interrupt, Short Circuit To "mass" or short circuit to the power source on the contact A45 ECU
P0501	Speed car - Changing the car speed signal is not allowed.	- Possible influence of external factors on the car speed signal coming from the speed sensor in the MTCO - Too large air gap between the speed sensor and the pulse Wheel - Incorrectly Programmed Factor K
P0503	Speed Car - Car speed signal goes beyond the borders Range.	- Possible influence of external factors on the car speed signal coming from the speed sensor in the MTCO
P0513	Connection with immobilizer is impossible. - The injection is blocked.	- Fault Block Immobilizer - Immobilizer Not Recognizes The key Ignition - Immobilizer Not Programmed in electronic unit DMCI
P0522	Motor Oil Pressure sensor F744/F810 - Voltage is too low on the contact C33 Ecu.	- Fault Sensor Pressure Motor Oil - Interrupt or short-circuit to mass on the contact C33 ECU - Short-circuit between contacts C33 and C34 ECU - Short-circuit to mass on contact A28 Ecu - Interrupt or short-circuit to mass on the contact C30 ECU
P0523	Motor Oil Pressure sensor F744/F810 - Too high voltage on the contact C33 Ecu.	- Fault Sensor Pressure Motor Oil - Short circuit to the power source on the contact C33 Ecu - Short-circuit between contacts C30 and C33 ECU - Interrupt in a contact's transaction C30 and/or contact C33 ECU

P0524	Motor Oil Pressure sensor F744/F810 - The motor pressure is too low Oil.	- Fault Sensor Pressure Motor Oil - Incorrect supply voltage in the motor oil pressure sensor - Contact Resistance (Oj) in the wiring between the motor oil pressure sensor and the Ecu - Too little motor oil in Maslosbornike - Short-circuit to mass on contact A28 Ecu - Pollution Grid For Cooling Liquid In the Oil Block - Leak In the Oil Pump - Bearing, damage to the centrifugal oil Filter
P0527	Electronically controlled fan Clutch B335 - Too High Speed Fan.	- Malfunction of the fan clutch with electronic control (B335) - Irregular ShortCircuit To "mass" on the contact C35 or C36
P0528	Electronically controlled fan Clutch B335 - Too Low Speed Fan.	- Interrupt or short-circuit to mass on the contact C35 ECU - Short-circuit to mass on contact A42 ECU - Interrupt or short-circuit to mass on the contact C36 Ecu - Short circuit to the power source on the contact C36 Ecu - Interrupt On Contact C31 Ecu - Malfunction of the fan clutch with electronic control (B335)
P0541	Relay of the grating air heater on the inlet (G014) - Short Circuit On Mass On Contact C32 Ecu.	- Short-circuit to mass on contact C32 Ecu. - Failure of the relay of the grating air heater at the inlet (G014)
P0542	Relay of the grating air heater on the inlet (G014) - Short Circuit to power source On Contact C32 ECU.	- Failure of the relay of the grating air heater at the inlet (G014) - Short Circuit On Source Power supply on the contact C32 ECU.
P0543	Relay of the grating air heater on the inlet (G014) - Interrupt on Contact C32 Ecu.	- Failure of the relay of the grating air heater at the inlet (G014) - Interrupt in power supply or contact C32 Ecu - Interrupt or short-circuit to mass on the contact C60, C61 or C62 Ecu
P0562	Supply voltage - The ECU supply voltage is too low on the contact B60 and/or Contact B61, and/or Contact B62.	- The adjusted voltage of the generator is too low (A513) - Contact Resistance (Oj) in the wiring between the generator (A513) and ECU
P0563	Supply voltage -Too high power supply voltage of the ECU on the contact B60 and/or contact B61, and/or contact B62.	- Fault Generator (A513)
P0565	Network communication CAN -Cruise control - Incorrect message CAN About the Switch OFF Cruise control transmitted through VIC-2.	- Malfunction of the steering wheel switches (C916)
P0567	Network communication CAN -Cruise control - Incorrect message CAN About the Switch What Cruise control transmitted through VIC-2.	- Malfunction of the steering wheel switches (C916)
P0569	Network communication CAN -Cruise control - Incorrect message CAN About the Switch SET Cruise control transmitted through VIC-2.	- Malfunction of the steering wheel switches (C916)
P0570	Network communication CAN -Cruise control - Incorrect message CAN About the Switch SET + Cruise Control transmitted through VIC-2.	- Malfunction of the steering wheel switches (C916)

P0585	Network communication CAN -Cruise control - Incorrect message CAN About the Switch SET + and SET -Cruise control transmitted through VIC-2.	- Malfunction of the steering wheel switches (C916)
P0602	ECU DMCI (d965) - Required Programming Ecu DMCI Results in the following symptoms: - Maximum engine speed 1500 rpm - Warning Engine Red Color	- Program Ecu DMCI
P060A	ECU DMCI (d965) - Internal Fault ЭБУ 1 (CPU).	
P0611	ECU DMCI (d965) - Internal Fault 5 (TPU).	
P0615	Reserved - Interrupt in a transaction on a contact A25 Ecu.	
P0616	Reserved - Short Circuit On Mass On Contact A25 Ecu.	
P0617	Reserved - Short circuit to the power source on the contact A25 Ecu.	
P062B	Ecu DMCI (D965) - Supply voltage supplied to pump units/nozzle, above 50 In the.	
P062D	Ecu DMCI (D965) - The supply voltage supplied to the pump units/nozzle is below 50 In the.	
P0640	Relay of the grating air heater on the inlet (G014) - Short Circuit.	- Short-circuit to mass on contact C32 Ecu. - Short circuit to the power source on the contact C39 Ecu
P0642	Power Sensor 5 in on B335 and F713 / F801 - Low supply voltage on the contact C35 ECU or on contact A42 ECU	- Short-circuit to mass on contact A42 Ecu - Short-circuit to mass on contact C35 ECU - Malfunction of the fan clutch with electronic control (B335)
P0643	Power Sensor 5 in on B335 and F713 / F801 - High voltage supply on the contact C35 ECU or on contact A42 ECU	- Short circuit to the power source on the contact A42 Ecu - Short circuit to the power source on the contact A45 Ecu
P0650	Interrupt in a transaction on a contact B18 ECU.	
P0652	Power Sensor 5 in on F672 - Voltage is too low on the contact B34 Ecu.	- Accelerator pedal sensor malfunction (F672) - Short-circuit to mass on contact B34 ECU - Short-circuit between contacts B34 and B37 and/or contact in 38 Ecu
P0653	Power Sensor 5 in on F672 - Too high voltage on the contact B34 Ecu.	- Short circuit to the power source on the contact B34 Ecu
P0657	Starter Interruption - Interrupt in a transaction on a contact B9 Ecu.	
P0658	Starter Interruption - Short-circuit to mass on contact B9 ECU	
P0659	Interrupt Starter - Short circuit to the power source on the contact B9 Ecu.	- Fault Starter
P0666	Temperature sensor in ECU DMCI D965 - Internal Fault.	
P0668	Temperature sensor in ECU DMCI D965 - Internal Fault.	
P0669	Temperature sensor in ECU DMCI D965 - Internal Fault.	

P0685	Relay Source Power G126	- No power supply to the ECU DMCI D965 - Constant Feed Power In the Ecu DMCI D965
P0691	Electronically controlled fan Clutch B335 - Short Circuit On Mass On Contact C16 Ecu.	- Malfunction of the fan clutch with electronic control (B335)
P0692	Electronically controlled fan Clutch B335 - Short Circuit to power source On Contact C16 ECU.	- Malfunction of the fan clutch with electronic control (B335)
P0698	Power Sensor 5 in on F649 / F802 and F744 / F810 - Voltage is too low on the contact A28 or C30 Ecu.	- Short-circuit to mass on contact A28 Ecu - Short-circuit between contacts A27 and A28 Ecu - Malfunction of the air boost pressure sensor on the Inlet - Short-circuit to mass on contact C30 Ecu
P0699	Power Sensor 5 in on F649 / F802 and F744 / F810 - Too high voltage on the contact A28 or C30 Ecu.	- Short circuit to the power source on the contact C30 Ecu - Malfunction of the air boost pressure sensor on the Inlet - Short-circuit to mass on contact C35 Ecu - Short circuit to the power source on the contact A28 Ecu
P0703	Connection CAN - Incorrect message CANComing from the pedal Brakes.	- Network communication error CAN
P081C	Connection CAN - Incorrect message from the parking brake switch.	- Network communication error CAN
P0830	Clutch switch (E575) - No signal or unlikely	Input signal, via clutch switch (E575), on contact BThe 36 ECU is present despite the The That the car has already gained some speed. This is Connected With Following Causes: - Faulty Proximity Switch - Towing a car while working Engine
P0833	Connection CAN - Incorrect message CANComing from the pedal Clutch.	- Network communication error CAN
P1087	Fuel Pressure sensor F713/F801 - Pressure too low Fuel.	
P1108	Air inlet pressure sensor F649/ F802 - Measured Pressure Above Settlement.	- Malfunction of the air boost pressure sensor on the Inlet
P1116	Coolant temperature Sensor F566 - The signal is invalid.	- There is too much difference between the measured temperature of motor oil and the coolant temperature of the engine. - Contact Resistance (Oj) in the wiring between the engine coolant temperature sensor (F566) and Ecu - Coolant temperature sensor malfunction (F566)
P1168	Fuel temperature Sensor F713/F803 - Temperature too high Fuel.	- Restriction of blocked leakage in fuel pressure control valve
P1180	Fuel temperature Sensor F713/F803 - Temperature too high Fuel.	- Low fuel level in the fuel tank and high ambient temperature Air
P1191	Fuel Filter - Filter Scored.	- Feed Fuel Locked.

P1194	Fuel filter - Filter strongly Scored.	- Feed Fuel Locked.
P1201	Solenoid Valve Nozzles Cylinder № 1, B421 - Interrupt on Contact A1 and/or contact A2 Ecu. - Short-circuit to mass on contact A1 Ecu	- Malfunction of the electromagnetic valve of the cylinder nozzle № 1 (B421) - Short Circuit On Food On contact A17 ECU - Short circuit to the power source on the contact A9 Ecu
P1202	Solenoid valve of cylinder nozzle № 1, B421 - Short-circuit between contacts A1 and A2 Ecu.	- Malfunction of the electromagnetic valve of the cylinder nozzle № 1 (B421)
P1203	Solenoid valve of cylinder nozzle № 1, B421 - Short-circuit to mass on contact A1 Ecu.	- Malfunction of the electromagnetic valve of the cylinder nozzle № 1 (B421) - Interrupt On Contact A2 Ecu - Interrupt On Contact A1 Ecu - Short Circuit On Food On contact A17 ECU - Short circuit to the power source on the contact A9 Ecu
P1204	Solenoid valve of cylinder nozzle № 1, B421 - Short Circuit to power source On Contact A1 ECU.	- Malfunction of the electromagnetic valve of the cylinder nozzle № 1 (B421) - Short Circuit On Source Power supply on the contact A5 ECU
P1205	Solenoid valve of CYLINDER nozzle № 5, B425 - Interrupt on Contact A5 and/or contact A14 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 5 (B425) - Short-circuit to mass on contact A5 ECU. - Short circuit to the power source on the contact A21 Ecu - Short circuit to the power source on the contact A13 Ecu
P1206	Solenoid valve of CYLINDER nozzle № 5, B425 - Short-circuit between contact A5 и Contact A14 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 5 (B425)
P1207	Solenoid valve of CYLINDER nozzle № 5, B425 - Short-circuit to mass on contact A5 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 5 (B425) - Interrupt On Contact A14 Ecu - Interrupt On Contact A5 Ecu - Short circuit to the power source on the contact A13 Ecu
P1208	Solenoid valve of CYLINDER nozzle № 5, B425 - Short circuit to the power source on the contact A5 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 5 (B425) - Short circuit to the power source on the contact A1 Ecu - Short circuit to the power source on the contact A5 Ecu
P1209	Solenoid Valve Nozzles Cylinder № 3, B423 - Interrupt on Contact A6 and/or contact A9 Ecu. - Short-circuit to mass on contact A9 Ecu	- Malfunction of the solenoid valve of the cylinder nozzle № 3 (B423) - Short circuit to the power source on the contact A1 Ecu - Short Circuit On Food On contact A17 ECU
P1210	Solenoid valve of CYLINDER nozzle № 3, B423 - Short-circuit between contact A6 и Contact A9 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 3 (B423)
P1211	Solenoid valve of CYLINDER nozzle № 3, B423 - Short-circuit to mass on contact A9 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 3 (B423) - Interrupt On Contact A6 Ecu - Interrupt On Contact A9 Ecu - Short circuit to the power source on the contact A1 Ecu - Short Circuit On Food On contact A17 ECU
P1212	Solenoid valve of CYLINDER nozzle № 3, B423 - Short Circuit to power source On Contact A9 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 3 (B423) - Short Circuit On Source Power supply on the contact A13 ECU.

P1213	Solenoid valve of CYLINDER nozzle № 6, B426 - Interrupt on Contact A13 and/or contact A18 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 6 (B426) - Short circuit to the power source on the contact A5 Ecu - Short-circuit to mass on contact A13 Ecu. - Short circuit to the power source on the contact A21 Ecu
P1214	Solenoid valve of CYLINDER nozzle № 6, B426 - Short-circuit between contacts A13 и A18 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 6 (B426)
P1215	Solenoid valve of CYLINDER nozzle № 6, B426 - Short Circuit On Mass On Contact A13 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 6 (B426) - Short circuit to the power source on the contact A5 Ecu - Interrupt On Contact A18 Ecu - Interrupt On Contact A13 Ecu - Short circuit to the power source on the contact A21 Ecu
P1216	Solenoid valve of CYLINDER nozzle № 6, B426 - Short Circuit to power source On Contact A13 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 6 (B426) - Short Circuit On Source Power supply on the contact A9 ECU
P1217	Solenoid valve of cylinder nozzle № 2, B422 - Interrupt in a transaction on a contact A10 and/or contact A17 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 2 (B422) - Short-circuit to mass on contact A17 Ecu. - Short circuit to the power source on the contact A1 Ecu - Short circuit to the power source on the contact A9 Ecu
P1218	Solenoid valve of cylinder nozzle № 2, B422 - Short-circuit between contacts A10 и A17 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 2 (B422)
P1219	Solenoid valve of cylinder nozzle № 2, B422 - Short Circuit On Mass On Contact A17 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 2 (B422) - Interrupt on Contact A10 Ecu - Interrupt On Contact A17 Ecu - Short circuit to the power source on the contact A1 Ecu - Short circuit to the power source on the contact A9 Ecu
P1220	Solenoid valve of cylinder nozzle № 2, B422 - Short circuit to the power source on the contact A17 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 2 (B422) - Short circuit to the power source on the contact A21 Ecu.
P1221	Solenoid valve of CYLINDER nozzle № 4, B424 - Interrupt on Contact A21 and/or contact A22 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 4 (B424) - Short-circuit to mass on contact A21 ECU - Short circuit to the power source on the contact A5 Ecu - Short circuit to the power source on the contact A13 Ecu
P1222	Solenoid valve of CYLINDER nozzle № 4, B424 - Short-circuit between contact A21 и Contact A22 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 4 (B424)
P1223	Solenoid valve of CYLINDER nozzle № 4, B424 - Short Circuit On Mass On Contact A21 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 4 (B424) - Interrupt On Contact A22 Ecu - Interrupt On Contact A21 Ecu - Short circuit to the power source on the contact A5 Ecu - Short circuit to the power source on the contact A13 Ecu
P1224	Solenoid valve of CYLINDER nozzle № 4, B424 - Short circuit to the power source on the contact A21 Ecu.	- Malfunction of the solenoid valve of the cylinder nozzle № 4 (B424) - Short Circuit On Food On contact A17 ECU

P1225	Solenoid valve of CYLINDER nozzle № 1 B421, solenoid valve of cylinder nozzle № 2 B422 or solenoid valve № cylinder NOZZLE 3 B423 - Short-circuit to mass on contact A2, contact A6 or contact A10 Ecu.	- Malfunction of the electromagnetic valve of the cylinder nozzle № 1 B421, electromagnetic Valve Nozzles of the cylinder № 2 B422 or solenoid valve № cylinder NOZZLE 3 B423
P1226	Solenoid valve of CYLINDER nozzle № 1 B421, solenoid valve of cylinder nozzle № 2 B422 or solenoid valve № cylinder NOZZLE 3 B423 - Short Circuit to power source On Contact A2, contact A6 or contact A10 ECU.	- Malfunction of the electromagnetic valve of the cylinder nozzle № 1 B421, solenoid valve № cylinder NOZZLE 2 B422 or Solenoid Valve NOZZLES Cylinder № 3 B423
P1227	Malfunction of the solenoid valve of the cylinder nozzle № 4 B424, solenoid valve № cylinder NOZZLE 5 B425 or solenoid valve № cylinder NOZZLE 6 B426 - Short circuit to Mass on Contact A14, contact A18 or contact A22 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 4 B424, solenoid valve № cylinder NOZZLE 5 B425 or Solenoid Valve NOZZLES Cylinder № 6 B426
P1228	Malfunction of the solenoid valve of the cylinder nozzle № 4 B424, solenoid valve № cylinder NOZZLE 5 B425 or solenoid valve № cylinder NOZZLE 6 B426 - Short Circuit to power source On Contact A14, contact A18 or contact A22 ECU.	- Malfunction of the solenoid valve of the cylinder nozzle № 4 B424, solenoid valve № cylinder NOZZLE 5 B425 or Solenoid Valve NOZZLES Cylinder № 6 B426
P1230	Electromagnetic valve of the pump unit of the cylinder № 1, B131 - Short-circuit between contacts A3 andA4 Ecu.	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 1 (B131)
P1234	Electromagnetic valve of the pumping unit of the cylinder № 5, B135 - Short-circuit between contacts A8 и A15 ECU.	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 5 (B135)
P1238	Electromagnetic valve of the pumping unit of the cylinder № 3, B133 - Short-circuit between contact A7 и Contact A12 ECU.	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 3 (B133)
P1242	Electromagnetic valve of the pumping unit of the cylinder № 6, B136 - Short-circuit between contact A16 и Contact A19 ECU.	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 6 (B136)
P1246	Electromagnetic valve of the pumping unit of the cylinder № 2, B132 - Short-circuit between contact A11 и Contact A20 ECU.	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 2 (B132)
P1250	Electromagnetic valve of the pumping unit of the cylinder № 4, B134 - Short-circuit between contacts A23 и A24 ECU.	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 4 (B134)
P1335	Crankshaft Speed Sensor F552 - No signal from the crankshaft speed sensor F552.	- Short circuit, short circuit to power source, short circuit to mass, contact resistance (Oj) or interrupt in the transaction on the contact A49 and/or contact A50 ECU - Failure or contamination of the crankshaft speed sensor (F552) - Too large air gap between the crankshaft speed sensor (F552) and Flywheel

P1336	Crankshaft Speed Sensor F552 - Signal disturbance during Run.	- Unreliable Connection Or Bad Contact - Failure of the crankshaft speed sensor (F552) - Too large air gap between the crankshaft speed sensor (F552) and Flywheel - External Influence
P1340	Distribution Shaft SENSOR F558 - No signal from the distribution shaft sensor F558.	- Interrupt or short-circuit to mass on the contact A53 ECU - malfunction or contamination of the distribution shaft sensor (F558) - Too Big Air The gap between the distribution shaft sensor (F558) and the pulse wheel
P1341	Distribution Shaft SENSOR F558 - Signal disturbance during Run.	- Unreliable Connection Or Bad Contact - Failure of the camshaft sensor (F558) - The air gap between the distribution shaft sensor and the pulsed Wheel - External Influence
P1342	Sensor Distribution Shaft F558 - Total Fault	
P1500	Speed Car - Wrong Change Signal.	
P1501	Speed Car - Signal Out Valid Limit.	- Invalid Information From Tachometer
P150F	Sensor Level Oil F673 - Low oil level warning when ignition is on.	
P1524	Motor Oil Pressure sensor F744/F810 - Low Pressure Oil.	- Too Low Pressure Oil - Short-circuit to mass on contact A28 Ecu
P153A	Pressure sensor in the crankcase F806 - Pressure outside the permissible limits during ignition firing.	
P153B	Pressure sensor in the crankcase F806 - Too low Pressure	
P153C	Pressure sensor in the crankcase F806 - Too high Pressure	
P153D	Pressure sensor in the crankcase F806 - filter element of the crankcase ventilation Missing	
P153E	Pressure sensor in the crankcase F806 - Crankcase Ventilation Filter Dirty	
P153F	Pressure sensor in the crankcase F806 - Valve Ventilation Carter Stuck в Closed position	
P1540	Pressure sensor in the crankcase F806 - Reduced engine power due to faulty ventilation Carter	
P1541	Pressure sensor in the crankcase F806 - Too much difference Pressure	
P1601	Ecu DMCI (D965) - Internal Error	
P1650	Red warning VIC-2/3 - Opening in the transaction on the contact B22 Ecu.	- Fault Ecu VIC
P1651	Red warning VIC-2/3 - Short Circuit On Mass On Contact B22 Ecu.	- Fault Ecu VIC
P1652	Red warning VIC-2/3 - Short circuit to the power source on the contact B22 Ecu.	
P1654	Short-circuit to mass on contact B18 ECU.	

P1655	Short circuit to the power source on the contact B18 ECU	
P1656	Output Value Revolutions Engine	- Short-circuit to mass on contact B1 Ecu
P1657	Output Value Revolutions Engine	- Short circuit to the power source on the contact B1 Ecu
P1658	Ecu DMCI (D965) - Internal malfunction 6.	- Interrupt, short circuit to mass or Short circuit to the power source on the contact A2 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A1 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A10 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A17 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A6 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A9 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A22 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A21 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A15 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A5 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A18 Ecu - Interrupt, short circuit to mass or Short circuit to the power source on the contact A13 Ecu
P1674	Ecu DMCI (D965) - Internal malfunction 7.	
P1675	Ecu DMCI (D965) - Internal malfunction 8.	
P1676	Ecu DMCI (D965) - Internal malfunction 9.	
P1677	Ecu DMCI (D965) - Internal malfunction 10.	
P1678	Ecu DMCI (D965) - Internal malfunction 11.	- Incorrect software in Ecu
P1679	Ecu DMCI (D965) - Internal Error	
P1681	Ecu DMCI (D965) - Internal malfunction 12.	- Software and hardware mismatch Ensure.
P1682	Sensor Level Oil F673 - Opening in the transaction on the contact B13 Ecu.	- Opening in the transaction on the contact B14 Ecu.
P1683	Oil level sensor F673 - Short circuit to the power source on the contact B13 Ecu.	
P1684	Oil level sensor F673 - Short Circuit On Mass On Contact B13 Ecu.	

P2074	Air inlet pressure sensor F649/ F802 -The measured air boost pressure at the inlet is lower than the inlet air pressurization pressure.	- Malfunction of the air boost pressure sensor on the Inlet - Clogged Intermediate Cooler - Clogged Item Air Filter - Leakage or narrowing of the pass section in the air intake system between the turbo and the inlet Collector - Fault Overflow Valve - Damage Turbocharger - Catalytic neutralizer briquettes are clogged due to calcium contamination - Damage Nozzle Nozzles - Used Biodiesel Fuel does not conform to specifications DAF
P2100	Reduced engine performance due to malfunction EAS	- Network communication error CAN Between the additional emission treatment system (EAS) and DMCI - Error System Additional Emission processing (EAS) (Check system errors EAS)
P2106	Accelerator pedal Sensor F672 - Gearbox protection function Active.	- Interrupt in a transaction on a contact B37 Ecu - Interrupt or short-circuit to mass on the contact B33 ECU - Interrupt or short-circuit to mass on the contact B34 ECU - Short circuit to the power source on the contact B33 Ecu - Short circuit to the power source on the contact B34 Ecu
P2135	Accelerator pedal Sensor F672 - Spinner Signal to Contacts B33 ECU outside the permissible limits in relation to the idle switch signal on the contact B41 Ecu.	- Interrupt On Contact B37 Ecu - Interrupt On Contact B38 Ecu - Interrupt or short-circuit to mass on the contact B41 ECU - Short circuit to the power source on the contact B41 Ecu - Short-circuit between contacts B33 and B37 Ecu - Short-circuit between contacts B38 and B41 Ecu - Opening in the accelerator pedal sensor wiring (F672) - Contact Resistance (Oj) in the wiring between the accelerator pedal sensor (F672) and ECU - Accelerator pedal sensor malfunction (F672)
P2147	Electromagnetic valve of the pumping unit of the cylinder № 1 B131, electromagnetic valve of pumping unit of cylinder № 2 B132 or solenoid valve of № cylinder pumping Unit 3 B133 - Short-circuit to mass on contact A3, Contact A7 or contact A11 ECU.	- Fault Pump Unit
P2148	Electromagnetic valve of the pumping unit of the cylinder № 1 B131, electromagnetic valve of pumping unit of cylinder № 2 B132 or solenoid valve of № cylinder pumping Unit 3 B133 - Short Circuit to power source On Contact A3, contact A7 or contact A11 ECU.	- Fault Pump Unit
P2150	Electromagnetic valve of the pumping unit of the cylinder № 4 B134, solenoid valve of pumping unit of cylinder № 5 B135 or solenoid valve of pumping unit of cylinder № 6 B136 - Short circuit to Mass on Contact A15, contact A19 or contact A23 ECU.	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 4 B134, № cylinder pumping unit Electromagnetic valve 5 B135 or solenoid valve of № cylinder pumping Unit 6 B136
P2151	Electromagnetic valve of the pumping unit of the cylinder № 4 B134, Solenoid valve	- Malfunction of the electromagnetic valve of the pumping unit of the cylinder № 4 B134, electromagnetic valve pumping Unit

	Pump unit of the cylinder № 5 B135 or solenoid valve of pumping unit of cylinder № 6 B136 - Short circuit to the power source on the contact A15, contact A19 or contact A23 Ecu.	Cylinder № 5 B135 or solenoid valve of № cylinder pumping Unit 6 B136
P2184	Second coolant temperature sensor F743 - Voltage is too low on the contact A37 Ecu.	
P2185	Second coolant temperature sensor F743 - Too high voltage on the contact A37 Ecu.	
P2228	Atmospheric pressure sensor in ECU DMCI D965 - Internal malfunction; Too low pressure.	- Malfunction of the atmospheric pressure sensor in the ECU DMCI D965
P2229	Atmospheric pressure sensor in ECU DMCI D965 - Internal malfunction; Pressure too high.	- Malfunction of the atmospheric pressure sensor in the ECU DMCI D965
P250A	Oil level sensor F673 - Level too low Oil.	- Too small quantity added Oil. - External Leak - Internal Leak
P250B	Sensor Level Oil F673 - Unlikely the oil level when ignition is on.	
P250C	Oil level sensor F673 - Signal is too low on the contact B13 Ecu.	
P250D	Oil level sensor F673 - Signal is too high on the contact B13 Ecu.	
P250E	Oil level sensor F673 - Perhaps the wrong level Oil.	
P250F	Oil level sensor F673 - Level too low Oil.	- Too small quantity added Oil. - External Leak - Internal Leak
P252F	Sensor Level Oil F673 - High Level Oil.	- Too much oil has been added. - Leakage of other engine fluids in pan (fuel, coolant)
P2541	Fuel Pressure sensor F713/F801 - Voltage is too low on the contact A45 Ecu.	- Short-circuit to mass on contact A45 Ecu - Short-circuit between contact A45 and contact A46 - Contact Resistance (Oj) in the wiring between the fuel pressure sensor and the Ecu - Fault Sensor Pressure Fuel - Short-circuit to mass on contact A42 Ecu - Short-circuit to mass on contact C35 ECU - Short-circuit to mass on contact A45 Ecu
P2542	Fuel Pressure sensor F713/F801 - Too high voltage on the contact A45 Ecu.	- Short circuit to the power source on the contact A45 Ecu - Fault Sensor Pressure Fuel
P2544	Connection CAN - Wrong Message CAN From Brake switch Engine.	- Network communication error CAN
P2550	The level of the engine brake request is too low.	
P2551	The engine brake request level is too high.	
P2609	Relay of the grating air heater on the inlet (G014) - Interrupt on Contact C60, contact C61 and Or Contact C62 ECU.	

P3405	Electromagnetic Valve cylinder № 1 engine brakes Mx, B411 - Interrupt on Contact A36 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 1 engine brake Mx (B411) - Interrupt on Contact A35 Ecu
P3407	Solenoid Valve Cylinder № 1 Brakes Engine Mx, B411 - Short Circuit On Mass On Contact A36 Ecu.	- Malfunction of the solenoid valve of the cylinder № 1 Brakes Engine MX (B411)
P3408	Electromagnetic Valve cylinder № 1 engine brakes Mx, B411 - Short Circuit to power source On Contact A36 ECU.	- Malfunction of the electromagnetic valve of the cylinder № 1 engine brake Mx (B411)
P3413	Electromagnetic Valve cylinder № 2 engine brakes Mx, B412 - Interrupt on Contact A52 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 2 engine brakes Mx (B412) - Interrupt on Contact A51 Ecu
P3415	Electromagnetic Valve cylinder № 2 engine brakes Mx, B412 - Short Circuit On Mass On Contact A52 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 2 engine brakes Mx (B412)
P3416	Electromagnetic Valve cylinder № 2 engine brakes Mx, B412 - Short Circuit to power source On Contact A52 ECU.	- Malfunction of the electromagnetic valve of the cylinder № 2 engine brakes Mx (B412)
P3421	Electromagnetic Valve cylinder № 3 engine brakes Mx, B413 - Interrupt on Contact A44 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 3 engine brakes Mx (B413) - Interrupt on Contact A43 Ecu
P3423	Electromagnetic Valve cylinder № 3 engine brakes Mx, B413 - Short Circuit On Mass On Contact A44 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 3 engine brakes Mx (B413)
P3424	Electromagnetic Valve cylinder № 3 engine brakes Mx, B413 - Short Circuit to power source On Contact A44 ECU.	- Malfunction of the electromagnetic valve of the cylinder № 3 engine brakes Mx (B413)
P3429	Electromagnetic Valve cylinder № 4 engine brakes Mx, B414 - Interrupt on Contact A56 Ecu.	- Malfunction of the solenoid valve in the cylinder 4 engine brakes Mx (B414) - Interrupt on Contact A55 Ecu
P3431	Electromagnetic Valve cylinder № 4 engine brakes Mx, B414 - Short Circuit On Mass On Contact A56 Ecu.	- Malfunction of the solenoid valve in the cylinder 4 engine brakes Mx (B414)
P3432	Electromagnetic Valve cylinder № 4 engine brakes Mx, B414 - Short Circuit to power source On Contact A56 ECU.	- Malfunction of the solenoid valve in the cylinder 4 engine brakes Mx (B414)
P3437	Electromagnetic Valve cylinder № 5 engine brakes Mx, B415 - Interrupt on Contact A40 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 5 engine brakes Mx (B415) - Interrupt on Contact A39 Ecu
P3439	Electromagnetic Valve cylinder № 5 engine brakes Mx, B415 - Short Circuit On Mass On Contact A40 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 5 engine brakes Mx (B415)
P3440	Electromagnetic Valve cylinder № 5 engine brakes Mx, B415 - Short Circuit to power source On Contact A40 ECU.	- Malfunction of the electromagnetic valve of the cylinder № 5 engine brakes Mx (B415)
P3445	Electromagnetic Valve cylinder № 6 engine brakes Mx, B416 - Interrupt on Contact A48 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 6 engine brakes Mx (B416) - Interrupt on Contact A47 Ecu
P3447	Electromagnetic Valve cylinder № 6 engine brakes Mx, B416 - Short Circuit On Mass On Contact A48 Ecu.	- Malfunction of the electromagnetic valve of the cylinder № 6 engine brakes Mx (B416)

P3448	Electromagnetic Valve cylinder № 6 engine brakes Mx, B416 - Short Circuit to power source On Contact A48 ECU.	- Malfunction of the electromagnetic valve of the cylinder № 6 engine brakes Mx (B416)
U0011	Network communication CAN - Problem with hardware or software in V-CAN1.	- Short-circuit to mass on contact B27 and/or contact B35 ECU
U0101	Network communication CAN - Transmission speed is too low (ETC1) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0103	Link On Network CAN	- Network communication error CAN
	- Transmission speed too low Messages Gearboxes (ETC2) over the network CAN.	- Interrupt Short Circuit On Mass Or Short Power Closure in network wiring CAN
U0104	Network communication CAN - Message transfer rate is too low VIC-2 (CCVS1) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0113	Network communication CAN - Message transfer rate is too low EAS (Ti1) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0120	Network communication CAN - Message transfer rate is too low (ETC7) Network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0128	Network communication CAN - Message transfer rate is too low VIC-2 (CCVS2) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0129	Network communication CAN - The speed of transmission of the ABS messages is too lowD/EBS-2 (EBC1) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0133	Network communication CAN - Message transfer rate is too low EBS-2 (VDC_1) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0140	Network communication CAN - The speed of transmission of the tachograph messages is too low (HRVD) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0141	Network communication CAN - The speed of transmission of the tachograph messages is too low (TCO1) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0142	Network communication CAN - Message transfer rate is too low (TD) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0155	Network communication CAN - Message transfer rate is too low (J1939, Private message A) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0156	Network communication CAN - Message transfer rate is too low (J1939, Private message B) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0157	Network communication CAN - Message transfer rate is too low (And_V) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U0404	Network communication CAN - The selected transfer is out of the allowable limits.	- Network communication error CAN
U0422	Network communication CAN - The speed of transmission of the tachograph messages is too high (HRVD) over the network CAN.	- Network communication error CAN
U0431	Network communication CAN - The speed of transmission of the tachograph messages is too high (TC01) over the network CAN.	- Network communication error CAN

U0405	Network communication CAN - Message transfer rate is too high VIC-2 (CCVS1) over the network CAN.	- Network communication error CAN
U0417	Network communication CAN - Message transfer rate is too high VIC-2 (CCVS2) over the network CAN.	- Network communication error CAN
U0418	Network communication CAN - The speed of transmission of the ABS messages is too highD/EBS-2 (EBC1) over the network CAN.	- Network communication error CAN
U0441	Network communication CAN - Code Wine Does not match the code Wine In the system EAS.	- Mismatch Ecu
U1011	Network communication CAN - Problem with hardware or software in V-CAN2.	- Short-circuit to mass on contact C60, contact C61 and/or contact C62 ECU - Interrupt, short-circuit to mass or short-circuit On Food в Transaction Network CAN On Contact B15 и B23 ECU
U1101	Link On Network CAN - Transmission speed is too high (ETC1) by Network CAN.	- Network communication error CAN
U1103	Network communication CAN - Transmission speed is too high (ETC2) over the network CAN.	- Network communication error CAN
U1110	Network communication CAN - Message transfer rate is too low (RC1) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1113	Network communication CAN - Message transfer rate is too high EAS (Ti1) over the network CAN.	- Network communication error CAN
U1119	Network communication CAN - Message transfer rate is too high (Tsc1_BE) over the network CAN.	- Network communication error CAN
U1120	Network communication CAN - Message transfer rate is too low (Tsc1_BE) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1121	Network communication CAN - Message transfer rate is too high Boxes Gear (Tsc1_To) On Network CAN.	- Network communication error CAN
U1122	Network communication CAN - Transmission speed is too low (Tsc1_To) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1123	Network communication CAN - Message transfer rate is too high VIC-2 (Tsc1_And) over the network CAN.	- Network communication error CAN
U1124	Network communication CAN - Message transfer rate is too low VIC-2 (Tsc1_And) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1125	Network communication CAN - Message transfer rate is too high (Tsc1_Is) over the network CAN.	- Network communication error CAN
U1126	Network communication CAN - Message transfer rate is too low (Tsc1_Is) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1127	Network communication CAN - Message transfer rate is too high (Tsc1_BR) over the network CAN.	- Network communication error CAN
U1128	Network communication CAN - Message transfer rate is too low (Tsc1_BR) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN

U1129	Network communication CAN - Message transfer rate is too high (Tsc1_TR) over the network CAN.	- Network communication error CAN
U1130	Network communication CAN - Message transfer rate is too low (Tsc1_TR) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1133	Network communication CAN - Message transfer rate is too high (Tsc1_SR) over the network CAN.	- Network communication error CAN
U1134	Network communication CAN - Message transfer rate is too low (Tsc1_SR) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1142	Network communication CAN - Message transfer rate is too high (TD) over the network CAN.	- Network communication error CAN
U1143	Network communication CAN - The frequency of messages coming from the adaptive cruise control device is too high	- Network communication error CAN
U1144	Network communication CAN - The frequency of messages coming from the adaptive cruise control device is too low	- Network communication error CAN
U1145	Link On Network CAN - The frequency of messages coming from the adaptive device is too high Cruise Control	- Network communication error CAN
U1146	Network communication CAN - The frequency of messages coming from the adaptive cruise control device is too low	- Network communication error CAN
U1155	Network communication CAN - Message transfer rate is too high (J1939, Private message A) over the network CAN.	- Network communication error CAN
U1156	Network communication CAN - Message transfer rate is too high (J1939, Private message B) over the network CAN.	- Network communication error CAN
U1157	Network communication CAN - Message transfer rate is too high (And_V) over the network CAN.	- Network communication error CAN
U1179	Network communication CAN - A fault message has been received (F_FLEX_RSG_SW).	- Malfunction of the steering wheel switches (C916)
U1180	Network communication CAN -Received a fault message (parasitic power outside the permissible limits).	- Network communication error CAN
U1188	Network communication CAN - A fault message has been received (the speed of the front axle is outside the allowable limits).	- Network communication error CAN
U1189	Network communication CAN - Message transfer rate is too high Is 42 (ERC1_DR) over the network CAN.	- Network communication error CAN
U1190	Network communication CAN - Message transfer rate is too low Is 42 (ERC1_DR) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1192	Network communication CAN - Message transfer rate is too high (ETC7) Network CAN.	- Network communication error CAN
U1193	Network communication CAN - Message transfer rate is too high (DD) over the network CAN.	- Network communication error CAN

U1194	Network communication CAN - Message transfer rate is too low (DD) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1197	Network communication CAN - The speed of transmission of the ABS messages is too highD/EBS-2 (EBC2) over the network CAN.	- Network communication error CAN
U1198	Network communication CAN - The speed of transmission of the ABS messages is too lowD/EBS-2 (EBC2) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1199	Network communication CAN - Message transfer rate is too high (Tsc1_DR) over the network CAN.	- Network communication error CAN
U1200	Network communication CAN - Message transfer rate is too low (Tsc1_DR) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1201	Network communication CAN - Message transfer rate is too high (J1939, Private message A) over the network CAN.	- Network communication error CAN
U1202	Network communication CAN - Message transfer rate is too low (J1939, Private message A) over the network CAN.	- Error Communication In the Network CAN - Interrupt, short circuit to mass or Short circuit for power in network wiring CAN
U1205	Network communication CAN - A fault message has been received, VIC-2 (DSC_OFF_REQUEST_SW).	- Include κ Control Movement On the slope
U1206	Network communication CAN - A fault message has been received, VIC-2 (DSC_ON_REQUEST_SW).	- Include κ Control Movement On the slope
U1404	Link On Network CAN - Current transfer out of tolerance Limits.	- Network communication error CAN
U1501	Network communication CAN - Incorrect message of the output shaft speed of the gearbox on the network CAN of the tachograph.	- Network communication error CAN
U1544	Network communication CAN - A fault message has been received (the actual value of the torque retarder out of the permissible Limits).	- Network communication error CAN
U1545	Network communication CAN - A fault message was received (the required torque value retarder out of the permissible Limits).	- Network communication error CAN
U1546	Network communication CAN - A fault message has been received (torque retardered at the driver's request outside the permissible Limits).	- Network communication error CAN
U1547	Network communication CAN - A fault message has been received (select Retarder out of the allowable limits).	- Network communication error CAN
U1645	Network communication CAN - Message transfer rate is too high EBS-2 (VDC_1) over the network CAN.	- Network communication error CAN