

Fourth and fifth positions - Error serial number

CODE Error description

P0100 Air Flow Sensor Circuit Malfunction

P0101 Flow sensor signal output from the permissible range

P0102 Air Flow Sensor Low Output Level

P0103 High flow sensor output

P0105 Air Pressure Sensor Fault

P0106 Air pressure sensor signal output from the permissible range

P0107 Low level of the air pressure sensor output signal

P0108 High level of output signal of air pressure sensor

P0110 Inlet air temperature sensor fault

P0111 Suction air temperature sensor output signal from the permissible range

P0112 Inlet air temperature sensor low

P0113 High intake air temperature sensor

P0115 Coolant Temperature Sensor Fault

P0116 Coolant temperature sensor output signal from permissible range

P0117 Coolant Temperature Sensor Low

P0118 High Level Coolant Temperature Sensor

P0120 Throttle Position Sensor "A" Malfunction

P0121 Throttle position sensor output signal "A" out of the permissible range

P0122 Throttle Position Sensor "A" Low Output

P0123 Throttle Position Sensor "A" High Output

P0125 Low coolant temperature for closed loop control

P0130 The oxygen sensor 1 (bank 1) is defective

P0131 Oxygen sensor 1 low (bank 1)

P0132 High oxygen sensor 1 signal (Bank 1)

P0133 Slow response of oxygen sensor 1 (bank 1) for enrichment / depletion

P0134 No oxygen sensor output 1 activity (Bank 1)

P0135 Heater of oxygen sensor 1 (bank 1) defective

P0136 The oxygen sensor 2 (bank 1) is defective

P0137 Low level of oxygen sensor 2 output (bank 1)

P0138 High oxygen sensor 2 output level (Bank 1)

P0139 Slow response of oxygen sensor 2 (bank 1) for enrichment / depletion

P0140 No oxygen sensor 2 output signal (Bank 1)

P0141 Heater of oxygen sensor 2 (bank 1) defective

P0142 The oxygen sensor 3 (bank 1) is defective

P0143 Low oxygen sensor output 3 (Bank 1)

P0144 High oxygen sensor 3 output level (Bank 1)

P0145 Slow response of oxygen sensor 3 (bank 1) for enrichment / depletion

P0146 No oxygen sensor output 3 activity (Bank 1)

P0147 Heater of oxygen sensor 3 (bank 1) defective

P0150 The oxygen sensor 1 (bank 2) is defective

P0151 Oxygen sensor 1 low (bank 2)

P0152 High oxygen sensor 1 signal (Bank 2)

P0153 Slow response of oxygen sensor 1 (bank 2) for enrichment / depletion

P0154 No oxygen sensor output 1 activity (Bank 2)

P0155 Heater of oxygen sensor 1 (bank 2) defective

P0156 The oxygen sensor 2 (bank 2) is defective

P0157 Low oxygen sensor 2 output (Bank 2)

P0158 High oxygen sensor 2 output level (Bank 2)

P0159 Slow response of oxygen sensor 2 (bank 2) for enrichment / depletion

P0160 No oxygen sensor 2 output signal activity (Bank 2)

P0161 Heater of oxygen sensor 2 (bank 2) defective

P0162 The oxygen sensor 3 (bank 2) is defective

P0163 Low oxygen sensor 3 output (Bank 2)

P0164 High oxygen sensor output 3 (Bank 2)

P0165 Slow response of oxygen sensor 3 (bank 2) for enrichment / depletion

P0166 No oxygen sensor output 3 activity (Bank 2)

P0167 Heater of oxygen sensor 3 (bank 2) defective

P0171 Too lean mixture (air can be sucked in)

P0172 Too rich mixture

P0173 Fuel leakage from the fuel system of cylinder block # 2

P0174 Cylinder block 2 mix too poor

P0175 Cylinder block 2 mix too rich

P0176 Fuel Composition ejector defective

P0177 Fuel Composition sensor signal out of range

P0178 Low signal level of the CHX sensor (Fuel Composition)

P0179 The high level of the signal of the sensor CHF (Fuel Composition)

P0180 Fuel Temperature Sensor Circuit Malfunction "A"

P0181 Fuel temperature sensor "A" signal outside the permissible range

P0182 Fuel gauge temperature sensor low signal "A"

P0183 A high signal level of the fuel temperature sensor "A"

P0185 Fuel Temperature Sensor Circuit Malfunction "B"

P0186 Fuel temperature sensor "B" signal outside the permissible range

P0187 Low level of the signal of the fuel temperature sensor "B"

P0188 High signal level of fuel temperature sensor "B"

P0190 Fuel Rail Pressure Sensor Circuit Malfunction

P0191 Fuel rail pressure sensor signal out of range

P0192 Low fuel pressure sensor signal in fuel rail

P0193 High Fuel Pressure Sensor Signal

P0194 The intermittent signal of the fuel pressure sensor in the fuel rail

P0195 Engine Oil Temperature Sensor Circuit Malfunction

P0196 Engine oil temperature sensor out of range

P0197 Engine oil temperature sensor low

P0198 High oil temperature sensor signal in engine

P0199 Intermittent Signal of Engine Oil Temperature Sensor

P0200 Injector Control Circuit Malfunction

P0201 Injector No.1 Control Circuit Malfunction

P0202 Injector No.2 Control Circuit Malfunction

P0203 Injector No.3 Control Circuit Malfunction

P0204 Injector No.4 Control Circuit Malfunction

P0205 Injector No.5 Control Circuit Malfunction

P0206 Injector No.6 Control Circuit Malfunction

P0207 Injector No. 7 Control Circuit Malfunction

P0208 Nozzle control circuit fault

P0209 Nozzle control circuit fault # 9

P0210 Nozzle control circuit fault

P0211 Nozzle control circuit fault

P0212 Injector No. 12 Control Circuit Malfunction

P0213 Cold Start Nozzle Control Circuit Malfunction

P0214 Cold Start Nozzle Control Circuit Malfunction

P0215 Engine Shutdown Solenoid Malfunction

P0216 Injection timing control circuit malfunction

P0217 Engine overheating

P0218 Transmission overheat

P0219 Engine Overspeed Condition

P0220 Throttle Position Sensor "B" Malfunction

P0221 Throttle position sensor "B" signal outside the permissible range

P0222 Throttle Position Sensor "B" Low

P0223 Throttle Position Sensor "B" High

P0224 Throttle Position Sensor "B" Intermittent

P0225 Throttle Position Sensor "C" Malfunction

P0226 Throttle position sensor signal outside the permissible range "C"

P0227 Throttle Position Sensor "C" Low

P0228 Throttle Position Sensor "C" High

P0229 Throttle Position Sensor "C" Intermittent Level

P0230 Fault in the primary control circuit of the gasoline pump (pump control relay)

P0231 Constant low level of the secondary circuit of the petrol pump

P0232 Permanent high level of the secondary circuit of the petrol pump

P0233 Intermediate level of the secondary circuit of the gasoline pump

P0235 Turbocharger Pressure Sensor Circuit Malfunction "A"

P0236 Turbine sensor signal "A" outside the permissible range

P0237 Turbine sensor "A" signal low

P0238 Turbine sensor "A" high level

P0239 Turbocharger Pressure Sensor Circuit "B"

P0240 The signal from the turbine sensor "B" is out of the permissible range

P0241 Turbine sensor "B" low level

P0242 High signal level from the turbine sensor "B"

P0243 Turbine Exhaust Gasket Solenoid Malfunction "A"

P0244 Turbine "A" exhaust gas valve solenoid signal outside ext. range

P0245 Turbine "A" exhaust gas valve solenoid always open

P0246 Turbine "A" exhaust gas shut-off solenoid always closed

P0247 Turbine "B" exhaust gas valve solenoid malfunction

P0248 Turbine exhaust gas solenoid "B" signal outside add. range

P0249 Turbine "B" exhaust gas solenoid valve always open

P0250 Turbine "B" exhaust gas solenoid always closed

P0251 Malfunction of the turbocharger injection pump »A«

P0252 Turbine Injection Pump "A" signal of an unacceptable range

P0253 Turbine Injection Pump "A" Low

P0254 Turbine injection pump high signal "A" high

P0255 Intermittent signal level of the turbocharger injection pump "A"

P0256 Malfunction of turbocharger injection pump "B"

P0257 Turbine injection pump signal "B" out of range

P0258 Turbine Injection Pump Low Voltage "B"

P0259 Turbine injection pump "B" high

P0260 Intermittent signal level of the turbocharger injection pump "B"

P0261 Cylinder 1 injector - earth fault

P0262 Cylinder 1 injector - open or short to + 12V

P0263 Cylinder 1 injector - injector driver malfunction

P0264 Cylinder No.2 injector - earth fault

P0265 Injector No.2 cylinder - open or short to + 12V

P0266 Cylinder No.2 injector driver malfunction

P0267 Cylinder No.3 injector - earth fault

P0268 Cylinder No.3 injector - open or short to + 12V

P0269 Cylinder No.3 injector fault

P0270 Cylinder No.4 injector - earth fault

P0271 Cylinder 4 injector - open or short to + 12V

P0272 Cylinder No.4 injector driver malfunction

P0273 Cylinder No.5 injector - earth fault

P0274 Injector No.5 cylinder - open or short to + 12V

P0275 Cylinder Nozzle No.5 - injector driver malfunction

P0276 Cylinder No.6 injector - earth fault

P0277 Cylinder No.6 injector - open or short to + 12V

P0278 Cylinder Nozzle No.6 - Injector Driver Failure

P0279 Cylinder No.7 injector - ground fault

P0280 Injector No.7 cylinder - open or short to + 12V

P0281 Cylinder No.7 injector driver malfunction

P0282 Cylinder No.8 injector - earth fault

P0283 Cylinder No.8 injector - open or short to + 12V

P0284 Cylinder No.8 injector driver malfunction

P0285 Cylinder Nozzle No.9 - Ground fault

P0286 Cylinder No.2 injector - open or short to + 12V

P0287 Cylinder Nozzle No.9 - Injector Driver Failure

P0288 Cylinder Nozzle No.10 - Ground fault

P0289 Cylinder Nozzle No.10 - open or short to + 12V

P0290 Cylinder Nozzle No.10 - Injector Driver Failure

P0291 Cylinder Nozzle No.11 - Ground fault

P0292 Cylinder Injector No.11 - open or short to +12

P0293 Cylinder Nozzle No.11 - Injector Driver Failure

P0294 Cylinder No.12 injector - ground fault

P0295 Cylinder Nozzle 12 - open or short to + 12V

P0296 Cylinder No.12 injector driver malfunction

P0300 Occasional / multiple misfires detected

P0301 Ignition misfires detected in cylinder # 1

P0302 Misfiring in cylinder No.2 detected

P0303 Ignition misfires detected in cylinder No. 3

P0304 Misfiring in cylinder No.4 detected

P0305 Ignition misfires detected in cylinder No. 5

P0306 Ignition misfires detected in cylinder No. 6

P0307 Misfiring in cylinder No. 7 detected

P0308 Ignition misfires detected in cylinder No. 8

P0309 Ignition misfires detected in cylinder No. 9

P0310 Ignition misfires detected in cylinder No. 10

P0311 Ignition misfires detected in cylinder No. 11

P0312 Ignition misfires detected in cylinder No. 12

P0320 Fault in the ignition distributor circuit

P0321 Ignition distributor signal out of range

P0322 Ignition distributor signal missing

P0323 Intermittent Distributor Switching Signal

P0325 Knock Sensor No.1 Circuit Malfunction

P0326 Knock sensor # 1 is out of range

P0327 Knock sensor No. 1 low

P0328 Detonation sensor # 1 high

P0329 Knock Sensor No.1 Intermittent Signal Level

P0330 Knock Sensor Circuit Malfunction No.2

P0331 Knock sensor signal # 2 out of range

P0332 Knock sensor No. 2 low

P0333 High level of the signal of the knock sensor No.2

P0334 Intermittent Detonation Sensor No.2 Level

P0335 Crankshaft Position Sensor Error »A»

P0336 DPC "A" error (single tooth failure)

P0337 Low level or short to ground DCDC "A"

P0338 High level or short circuit to + 12V DCA "A"

P0339 Intermittent DSC signal "A"

P0340 Camshaft Sensor Fault

P0341 Camshaft sensor signal out of range

P0342 Camshaft Sensor Low Signal

P0343 Camshaft Sensor Signal High

P0344 Intermittent Signal Level Level Sensor

P0350 Ignition Coil Primary / Secondary Circuit Malfunction

P0351 Primary / secondary circuit of ignition coil "A"

P0352 Primary / secondary circuit of ignition coil "B"

P0353 Primary / secondary circuit of ignition coil "C"

P0354 Primary / secondary circuit of ignition coil "D"

P0355 Primary / secondary circuit of ignition coil "E"

P0356 Ignition Coil Primary / Secondary Circuit Malfunction »F»

P0357 Primary / secondary circuit of the ignition coil "G"

P0358 Primary / secondary circuit of ignition coil "H"

P0359 I / O ignition coil primary / secondary fault

P0360 "J" ignition coil primary / secondary circuit malfunction

P0361 Primary / secondary circuit of ignition coil "K"

P0362 Primary / secondary circuit of the ignition coil "L"

P0370 TIMING REF (HRS) A MAILFUNCTION

P0371 TIMING REF (HRS) A TOO MANY PULSES

P0372 TIMING REF (HRS) A TOO MANY PULSES

P0373 TIMING REF (HRS) A INTERMITTENT PULSES

P0374 TIMING REF (HRS) A NO PULSES

P0375 TIMING REF (HRS) B MAILFUNCTION

P0376 TIMING REF (HRS) B TOO MANY PULSES

P0377 TIMING REF (HRS) B TOO MANY PULSES

P0378 TIMING REF (HRS) B INTERMITTENT PULSES

P0379 TIMING REF (HRS) B NO PULSES

P0380 Fault in glow plug or heating circuit

P0381 Malfunction of glow plug or heating indicator

P0385 Crankshaft Position Sensor Circuit Malfunction "B"

P0386 Crankshaft Position Sensor "B" signal out of range

P0387 Low or short to ground DUKV "B"

P0388 High level or short circuit to + 12V DCU "B"

P0389 Intermittent signal of the crankshaft position sensor "B"

P0400 Defective EGR System

P0401 Inefficiency of the exhaust gas recirculation system

P0402 Excess gas recirculation (OG) system redundancy

P0403 EGR Sensor Circuit Malfunction

P0404 Exhaust Gas Recirculation Sensor Signal Out of Range

P0405 Sensor "A" low of exhaust gas recirculation

P0406 Sensor "A" high level of exhaust gas recirculation

P0407 Sensor "B" low of exhaust gas recirculation

P0408 Sensor "B" high level of the exhaust gas recirculation system

P0410 Secondary air supply system malfunction

P0411 Incorrect flow through the secondary air supply system

P0412 Secondary air system valve failure »A»

P0413 Secondary air supply valve "A" always open

P0414 Secondary air supply valve "A" always closed

P0415 Malfunction of the secondary air supply valve "B"

P0416 Secondary air supply valve "B" always open

P0417 The secondary air supply valve "B" is always closed

P0420 The efficiency of the catalyst system B1 is below the permissible threshold

P0421 The efficiency of heating of catalysts B1 is below the permissible threshold

P0422 The efficiency of the main catalyst B1 is below the permissible threshold

P0423 The efficiency of the catalyst heater B1 is below the permissible threshold

P0424 The temperature of the catalyst heater B1 is below the permissible threshold

P0430 The efficiency of the catalyst system B2 is below the permissible threshold

P0431 The efficiency of heating of catalysts B3 is below the permissible threshold

P0432 The efficiency of the main catalyst B2 is below the permissible threshold

P0433 The efficiency of the catalyst heater B2 is below the permissible threshold

P0434 The temperature of the catalyst heater B2 is below the permissible threshold

P0440 Gasoline vapor recovery system control failure

P0441 Poor purging of gasoline vapor recovery system

P0442 A small leak in a gasoline vapor recovery system

P0443 Gasoline vapor recovery system purge valve circuit fault

P0444 Purge gas purge valve purge valve always open

P0445 Purge gas purge valve purge valve always closed

P0446 Malfunction of control. air valve of the vapor recovery system

P0447 The air valve of the vapor recovery system is always open

P0448 The air valve of the vapor recovery system is always closed

P0450 Gasoline Vapor Pressure Sensor Fault

P0451 Gasoline vapor pressure sensor signal out of range

P0452 Gasoline Vapor Pressure Sensor Low Signal Low

P0453 High level signal of the vapor pressure sensor of gasoline

P0454 Intermittent signal level of the petrol vapor pressure sensor

P0455 Large leakage in a gasoline vapor recovery system

P0460 Fuel Level Sensor Circuit Malfunction

P0461 Fuel level sensor signal out of range

P0462 Fuel Level Sensor Low

P0463 Fuel Level Sensor High

P0464 Intermittent signal level of fuel level sensor

P0465 Purge air flow sensor circuit fault

P0466 Purge air flow sensor signal out of range

P0467 Purge air flow sensor low

P0468 High purge air flow sensor signal

P0469 Purge air flow sensor intermittent signal level

P0470 Exhaust Gas Pressure Sensor Fault

P0471 Exhaust gas pressure sensor signal out of range

P0472 Exhaust Gas Pressure Sensor Low

P0473 Exhaust Gas Pressure Sensor High

P0474 Intermittent signal level of the exhaust gas pressure sensor

P0475 Exhaust Pressure Sensor Valve Fault

P0476 Exhaust gas pressure sensor valve signal out of range

P0477 Exhaust Gas Pressure Sensor Low Signal

P0478 Exhaust Gas Pressure Sensor High Signal High

P0479 Intermittent signal level of the exhaust gas pressure sensor valve

P0480 Fan relay control circuit fault

P0500 No vehicle speed sensor signal

P0501 Vehicle speed sensor signal out of range

P0502 Vehicle Signal Speed Sensor Low

P0503 High Vehicle Speed Sensor Signal

P0505 Idle speed controller malfunction

P0506 Idle speed controller malfunction - low speed

P0507 Idle speed controller malfunction - high speed

P0510 Closed Throttle Position Switch Malfunction

P0520 Engine Oil Pressure Sensor / Switch Circuit Malfunction

P0521 Engine Oil Pressure Sensor / Switch Circuit Range / Performance

P0522 Engine Oil Pressure Sensor / Switch Circuit Low Voltage

P0523 Engine Oil Pressure Sensor / Switch Circuit High Voltage

P0530 A / C Refrigerant Pressure Sensor Circuit Malfunction

P0531 A / C Refrigerant Pressure Sensor Circuit Range / Performance

P0532 A / C Refrigerant Pressure Sensor Circuit Low Input

P0533 A / C Refrigerant Pressure Sensor Circuit High Input

P0534 Air Conditioner Refrigerant Charge Loss

P0550 Power Steering Pressure Sensor Circuit Malfunction

P0551 Power Steering Pressure Sensor Circuit Range / Performance

P0552 Power Steering Pressure Sensor Circuit Low Input

P0553 Power Steering Pressure Sensor Circuit High Input

P0554 Power Steering Pressure Sensor Circuit Intermittent

P0560 System power supply is below the operating threshold

P0561 System power supply voltage is unstable

P0562 Low System Power Supply

P0563 High Power Supply System

P0565 Cruise control start signal malfunction

P0566 Cruise control off signal malfunction

P0567 Cruise Control Resume Signal Malfunction

P0568 Cruise Control Set Signal Malfunction

P0569 Cruise Control Coast Signal Malfunction

P0570 Cruise Control Accel Signal Malfunction

P0571 Cruise Control / Brake Switch A Circuit Malfunction

P0572 Cruise Control / Brake Switch A Circuit Low

P0573 Cruise Control / Brake Switch A Circuit High

P0574 Cruise Control Related Malfunction

P0575 Cruise Control Related Malfunction

P0576 Cruise Control Related Malfunction

P0577 Cruise Control Related Malfunction

P0578 Cruise Control Related Malfunction

P0579 Cruise Control Related Malfunction

P0580 Cruise Control Related Malfunction

P0600 Serial Communication Link Malfunction

P0601 ROM Checksum Error

P0602 Control Module Programming Error

P0603 External RAM error

P0604 Internal RAM error

P0605 Internal Control Module Read Only Memory (ROM) Error

P0606 PCM Processor Fault

P0607 Malfunction of the detonation channel

P0608 Control Module VSS Output "A" Malfunction

P0609 Control Module VSS Output "B" Malfunction

P0620 Malfunction Generator Control Circuit

P0621 Generator Lamp "L" Control Circuit Malfunction

P0622 Generator Field "F" Control Circuit Malfunction

P0650 Malfunction Indicator Lamp (MIL) Control Circuit Malfunction

P0654 Engine RPM Output Circuit Malfunction

P0655 Engine Hot Lamp Output Control Circuit Malfunction

P0656 Fuel Level Output Circuit Malfunction

P0700 Transmission Control System Malfunction

P0701 Transmission control system out of range

P0702 Transmission Control System Electrical

P0703 Torque Converter / Brake Switch B Circuit Malfunction

P0704 Clutch Switch Input Circuit Malfunction

P0705 Transmission Range Sensor Circuit malfunction (PRNDL Input)

P0706 Transmission Range Sensor Circuit Range / Performance

P0707 Transmission Range Sensor Circuit Low Input

P0708 Transmission Range Sensor Circuit High Input

P0709 Transmission Range Sensor Circuit Intermittent

P0710 Transmission Fluid Temperature Sensor Circuit Malfunction

P0711 Transmission Fluid Temperature Sensor Circuit Range / Performance

P0712 Transmission Fluid Temperature Sensor Circuit Low Input

P0713 Transmission Fluid Temperature Sensor Circuit High Input

P0714 Transmission Fluid Temperature Sensor Circuit Intermittent

P0715 Input / Turbine Speed Sensor Circuit Malfunction

P0716 Input / Turbine Speed Sensor Circuit Range / Performance

P0717 Input / Turbine Speed Sensor Circuit No Signal

P0718 Input / Turbine Speed Sensor Circuit Intermittent

P0719 Torque Converter / Brake Switch B Circuit Low

P0720 Output Speed Sensor Circuit Malfunction

P0721 Output Speed Sensor Range / Performance

P0722 Output Speed Sensor No Signal

P0723 Output Speed Sensor Intermittent

P0724 Torque Converter / Brake Switch B Circuit High

P0725 Engine Speed input Circuit Malfunction

P0726 Engine Speed Input Circuit Range / Performance

P0727 Engine Speed Input Circuit No Signal

P0728 Engine Speed Input Circuit Intermittent

P0730 Incorrect Gear Ratio

P0731 Gear 1 Incorrect ratio

P0732 Gear 2 Incorrect ratio

P0733 Gear 3 Incorrect ratio

P0734 Gear 4 Incorrect ratio

P0735 Gear 5 Incorrect ratio

P0736 Reverse incorrect gear ratio

P0740 Torque Converter Clutch Circuit Malfunction

P0741 Torque Converter Clutch Circuit Performance or Stuck Off

P0742 Torque Converter Clutch Circuit Stuck On

P0743 Torque Converter Clutch Circuit Electrical

P0744 Torque Converter Clutch Circuit Intermittent

P0745 Pressure Control Solenoid Malfunction

P0746 Pressure Control Solenoid Performance or Stuck Off

P0747 Pressure Control Solenoid Stuck On

P0748 Pressure Control Solenoid Electrical

P0749 Pressure Control Solenoid Intermittent

P0750 Shift Solenoid A MalfunctionP

P0751 Shift Solenoid A PerformanceP or Stuck Off

P0752 Shift Solenoid A Stuck On

P0753 Shift Solenoid A ElectricalPI

P0754 Shift Solenoid A IntermittPent

P0755 Shift Solenoid B Malfunction

P0756 Shift Solenoid B Performance or Stuck Off

P0757 Shift Solenoid B Stuck On

P0758 Shift Solenoid B Electrical

P0759 Shift Solenoid B Intermittent

P0760 Shift Solenoid C Malfunction

P0761 Shift Solenoid C Performance or Stuck Off

P0762 Shift Solenoid C Stuck On

P0763 Shift Solenoid C Electrical

P0764 Shift Solenoid C Intermittent

P0765 Shift Solenoid D Malfunction

P0766 Shift Solenoid D Performance or Stuck Off

P0767 Shift Solenoid D Stuck On

P0768 Shift Solenoid D Electrical

P0769 Shift Solenoid D Intermittent

P0770 Shift Solenoid E Malfunction

P0771 Shift Solenoid E Performance or Stuck Off

P0772 Shift Solenoid E Stuck On

P0773 Shift Solenoid E Electrical

P0774 Shift Solenoid E Intermittent

P0780 Shift Malfunction

P0781 1-2 Shift Malfunction

P0782 2-3 Shift Malfunction

P0783 3-4 Shift Malfunction

P0784 4-5 Shift Malfunction

P0785 Shift / Timing Solenoid Malfunction

P0786 Shift / Timing Solenoid Range / Performance

P0787 Shift / Timing Solenoid Low

P0788 Shift / Timing Solenoid High

P0789 Shift / Timing Solenoid Intermittent

P0790 Normal / Performance Switch Circuit Malfunction

P0801 Reverse Inhibit Control Circuit Malfunction

P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction

P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction

P1000 OBD II Monitor Testing not complete

P1001 Key On Engine Running (KOER) Self-Test not able to complete. KOER aborted

P1100 Mass Air Flow (MAF) sensor intermittent

P1101 Mass Air Flow (MAF) sensor out of Self-Test range

P1102 Low resistance of oxygen sensor heater

P1110 Switch over valve solenoid

P1112 Switch over valve 1

P1113 Switch over valve 2

P1116 O2 Sensor heater Circuit (Open)

Engine Coolant Temperature (ECT) sensor out of Self - Test range

P1117 Engine Coolant Temperature (ECT) sensor intermittent

P1120 Throttle Position (TP) sensor out of range low

P1121 Throttle Position (TP) sensor inconsistent with MAF Sensor

P1123 Long Term Fuel Trim Additive Air (System too Rich)

P1124 Throttle Position (TP) sensor out of Self -Test range

Long Term Fuel Trim Additive Air (System too Lean)

P1125 Throttle Position (TP) sensor circuit intermittent

P1127 Exhaust not warm enough, downstream Heated Oxygen Sensors (HO2Ss) not tested

Long Term Fuel Trim Multiplicative (System too Rich)

P1128 Upstream Heated Oxygen Sensors (HO2Ss) swapped from bank to bank

Long Term Fuel Trim Multiplicative (System too Lean)

P1129 Downstream Heated Oxygen Sensors (HO2Ss) swapped from bank to bank

P1130 Lack of upstream Heated Oxygen Sensor (HO2S 11) switch, adaptive fuel at limit (Bank # 1)

P1131 Lack of upstream Heated Oxygen Sensor (HO2S 11) switch, sensor indicates lean (Bank # 1))

P1132 Lack of upstream Heated Oxygen Sensor (HO2S 11) switch, sensor indicates rich (Bank # 1)

P1136 Long Term Fuel Trim Additive Fuel (System too Rich)

P1137 Lack of downstream Heated Oxygen Sensor (HO2S 12) switch, sensor indicates lean (Bank # 1)

Long Term Fuel Trim Additive Fuel (System too Lean)

P1138 Lack of downstream Heated Oxygen Sensor (HO2S 12) switch, sensor indicates rich (Bank # 1)

P1140 Invalid load signal

P1150 Lack of upstream Heated Oxygen Sensor (HO2S 21) switch, adaptive fuel at limit (Bank # 2)

P1151 Lack of upstream Heated Oxygen Sensor (HO2S 21) switch, sensor indicates lean (Bank # 2)

P1152 Lack of upstream Heated Oxygen Sensor (HO2S 21) switch, sensor indicates rich (Bank # 2)

P1157 Lack of downstream Heated Oxygen Sensor (HO2S 22) switch, sensor indicates lean (Bank # 2)

P1158 Lack of downstream Heated Oxygen Sensor (HO2S 22) switch, sensor indicates rich (Bank # 2)

P1171 Low level of CO-potentiometer signal

P1172 High level of CO-potentiometer signal

P1174 O2 Sensor 1 Bank 1 (period monitoring)

P1176 O2 Sensor 1 Bank 1 (tv monitoring)

P1220 Series Throttle Control System malfunction

P1224 Throttle Position Sensor B (TP-B) out of Self - Test range

P1229 Power Supply Relay Primary Circuit Voltage High

P1230 Power Supply Relay Secondary Circuit Voltage Low

P1231 Fuel pump relay circuit low with high speed pump on

P1232 Low speed Fuel Pump primary circuit malfunction

P1233 Fuel Pump Driver Module disabled or offline

P1234 Fuel Pump Driver Module disabled or offline

P1235 Fuel Pump control out of Self - Test range

P1236 Fuel Pump control out of Self - Test range

P1237 Fuel Pump secondary circuit malfunction

P1238 Fuel Pump secondary circuit malfunction

P1260 THEFT detected - engine disabled

P1270 Engine RPM or vehicle speed limiter reached

P1285 Cylinder Head over temperature sensed

P1288 Cylinder Head Temperature (CHT) sensor out of Self - Test range

P1289 Cylinder Head Temperature (CHT) sensor circuit low input

P1290 Cylinder Head Temperature (CHT) sensor circuit high input

P1299 Engine over temperature condition

P1326 Knock Control Maximum Spark Limit Cylinder 1

P1327 Knock Control Maximum Spark Limit Cylinder 2

P1328 Knock Control Maximum Spark Limit Cylinder 3

P1329 Knock Control Maximum Spark Limit Cylinder 4

P1351 Ignition Diagnostic Monitor (IDM) circuit input malfunction

P1356 PIPS occurred while IDM

P1357 Ignition Diagnostic Monitor (IDM) pulse width not defined

P1358 Ignition Diagnostic Monitor (IDM) signal out of Self - Test range

P1359 Spark output circuit malfunction

P1386 Knock control Testpulse

P1390 Octane Adjust (OCT ADJ) out of Self - Test range

P1400 Differential Pressure Feedback EGR (DPFE) sensor circuit low voltage detected

P1401 Differential Pressure Feedback EGR (DPFE) sensor circuit high voltage detected

P1405 Differential Pressure Feedback EGR (DPFE) sensor upstream hose off or plugged

P1406 Differential Pressure Feedback EGR (DPFE) sensor downstream hose off or plugged

P1408 Exhaust Gas Recirculation (EGR) flow out of Self - Test range

P1409 Canister purge valve power stage (malfunction)

Electronic Vacuum Regulator (EVR) control circuit malfunction

P1410 Canister purge valve power stage (high)

Secondary air pump relay

P1411 Secondary Air Injection system failed downstream flow detected

P1413 Secondary Air Injection system monitor circuit low voltage

P1414 Secondary Air Injection system monitor circuit high voltage

P1425 Canister purge valve power stage (low)

Purge purge valve control circuit, earth fault

P1426 Adsorber purge valve control circuit, open

P1442 Evaporative emission control system

P1443 Evaporative emission control system - vacuum system, purge control solenoid or vapor management valve malfunction

P1444 Purge Flow (PF) Sensor circuit low input

P1445 Purge Flow (PF) Sensor circuit high input

P1449 Evaporative emission control system unable to hold vacuum (Probe)

P1450 Unable to bleed up fuel tank vacuum

P1452 Unable to bleed up fuel tank vacuum

P1455 Evaporative emission control system control leak detected (gross leak)

P1460 Wide Open Throttle Air Conditioning Cutoff (WAC) circuit malfunction

P1461 Air Conditioning Pressure (ACP) sensor circuit low input

P1462 Air Conditioning Pressure (ACP) sensor circuit high input

P1463 Air Conditioning Pressure (ACP) sensor insufficient pressure change

P1464 Air Condition (A / C) demand out of Self - Test range

P1469 Low air conditioning cycling period

P1473 Fan secondary high with fan (s) off

P1474 Low Fan Control primary circuit malfunction

P1479 High Fan Control primary circuit malfunction

P1480 Fan secondary low with low fan on

P1481 Fan secondary low with high fan on

P1483 Power to fan circuit over current

P1484 Open power ground to Variable Load Control Module (VLCM)

P1500 Fuel Pump Relay Circuit Fault

P1501 Immobiliser No or Wrong Coding

Fuel pump relay - earth fault

P1502 Fuel pump relay - short circuit to + 12V

Immobiliser No Signal

P1503 Immobilizer Wrong Signal

P1504 Idle Air Control (IAC) circuit malfunction

P1505 Idle Air Control (IAC) system at adaptive clip

P1506 Idle Air Control (IAC) overspeed error

P1507 Idle Air Control (IAC) under speed error

P1509 Idling speed control circuit, overload

P1512 Intake Manifold Runner Control (IMRC) malfunction (Bank # 1 stuck closed)

P1513 Intake Manifold Runner Control (IMRC) malfunction (Bank # 2 stuck closed)

Idle speed control circuit - ground fault

P1514 Idling speed control circuit - open

P1516 Intake Manifold Runner Control (IMRC) input error (Bank # 1)

P1517 Intake Manifold Runner Control (IMRC) input error (Bank # 2)

P1518 Intake Manifold Runner Control (IMRC) malfunction (stuck open)

P1519 Intake Manifold Runner Control (IMRC) malfunction (stuck closed)

P1520 Intake Manifold Runner Control (IMRC) circuit malfunction

P1530 Air Condition (A / C) clutch circuit malfunction

P1537 Intake Manifold Runner Control (IMRC) malfunction (Bank # 1 stuck open)

P1538 Intake Manifold Runner Control (IMRC) malfunction (Bank # 2 stuck open)

P1539 Power to Air condition (A / C) clutch circuit overcurrent

P1541 The control circuit of the petrol pump relay, an open

P1550 Power steering Pressure (PSP) sensor out of Self - Test range

P1570 Immobilizer chain failure

P1600 No connection to immobilizer

Reprogram or Replace Electronic Control Unit (ECM)

P1601 ECM Box Temperature High

P1602 Controller power failure

Knock control module

P1603 Error EEPROM

P1604 Knock control unit

P1605 Knock control unit

P1606 Knock control unit

P1612 CPU reset error

P1619 Electrical Thermostat Control powerstage (too high)

P1620 ROM error

Electrical Thermostat Control powerstage (too low)

P1621 RAM error

P1622 EEPROM error

Electrical Thermostat Control powerstage (Range / Performance)

P1625 B (+) supply to variable Load Control Module (VCLM) fan circuit malfunction

P1626 B (+) supply to Variable Load Control Module (VCLM) Air Condition (A / C) circuit malfunction

P1640 Knock control unit or Quad drive module

P1650 Power Steering Pressure (PSP) switch out of Self - Test range

P1651 Power Steering Pressure (PSP) switch input malfunction

P1689 Error memory error

P1690 Check Engine fail (malfunction indicator lamp)

MIL-on request signal (Malfunction)

P1693 MIL-on request signal (High)

P1701 Reverse engagement error

P1703 Brake On / Off (BOO) switch out of Self - Test range

P1705 Transmission Range (TR) Sensor out of Self - Test range

P1709 Park or Neutral Position (PNP) switch is not indicating neutral during KOEO Self - Test

P1711 Transmission Fluid Temperature (TFT) sensor out of Self - Test range

P1728 Transmission slip fault

P1729 4 × 4 Low switch error

P1740 Torque Control unit

P1741 Torque Converter Clutch (TCC) control error

P1742 Torque Converter Clutch (TCC) solenoid failed on (turns on MIL)

P1743 Torque Converter Clutch (TCC) solenoid failed on (turns on TCIL)

P1744 Torque Converter Clutch (TCC) system mechanically stuck in off position

P1746 Electronic Pressure Control (EPC) solenoid open circuit (low input)

P1747 Electronic Pressure Control (EPC) solenoid short circuit (high input)

P1749 Electronic Pressure Control (EPC) solenoid failed low

P1751 Shift Solenoid # 1 (SS1) performance

P1754 Coast Clutch Solenoid (CCS) circuit malfunction

P1756 Shift Solenoid # 2 (SS2) performance

P1761 Shift Solenoid # 3 (SS3) performance

P1780 Transmission Control switch (TCS) circuit out of Self — Test range

P1781 4×4 Low switch out of Self — Test range

P1783 Transmission over temperature condition

P1788 3-2 Timing / Coast Clutch Solenoid (3-2 / CCS) circuit open

P1789 3-2 Timing / Coast Clutch Solenoid (3-2 / CCS) circuit shorted

U1021 SCP indicating the lack of Air Condition (A/C) clutch status response

U1039 SCP indicating the vehicle speed signal missing or incorrect

U1051 SCP indicating the brake switch signal missing or incorrect

U1073 SCP indicating the lack of engine coolant fan status response

U1131 SCP indicating the lack of Fuel Pump status response

U1135 SCP indicating the ignition switch signal missing or incorrect

U1256 SCP indicating a communications error

U1451 Lack of response from Passive Anti-Theft system (PATS) module — engine disabled

F0 Undefined System Defect

F1 Fuel Pump Relay (EKP)/TR Signal

F2 Idle Actuator — Closing Winding

F3 Injector Valve(s)

F4 Injector Valve — Cylinder 3

F5 Injector Valve — Cylinder 2
F6 Injector Valve — Output Stage
F8 Malfunction Indicator Lamp (MIL) — USA Models Only
F12 Throttle Potentiometer
F16 Ignition Reference Pulse Generator
F18 Output Stage
F19 Output Stage
F23 Ignition Fault — Cylinder 2
F24 Ignition Fault — Cylinder 3
F25 Ignition Fault — Cylinder 1
F26 Control Unit Supply Voltage B+
F29 Idle Actuator — Opening Winding
F31 Injector Valve — Cylinder 5
F32 Injector Valve(s)
F33 Injector Valve — Cylinder 4
F36 Fuel Evaporation Control Valve (EVAP)
F37 Oxygen Sensor Heater
F41 Air Mass Meter (HLM)
F46 Output Stage
F48 Air-Conditioner Compressor Cut-Out Relay
F50 Ignition Fault — Cylinder 4
F51 Ignition Fault — Cylinder 6
F52 Ignition Fault — Cylinder 5
F54 Control Unit Supply Voltage from Main Relay
F55 Ignition Output Stage
F62 Signal — Electronic Throttle Control (EML)
F63 Torque Converter Lockup Clutch
F64 Ignition Timing Intervention
F67 Crankshaft Pulse Generator
F70 Oxygen Sensor (Lambda Probe)
F73 Vehicle Speed Sensor (VSS)
F76 Idle CO-Potentiometer
F77 Intake Air Temperature Sensor
F78 Coolant Temperature Sensor
F81 Anti-Theft System Signal (DWA)
F82 Engine Drag Torque Control (MSR)

F83 Automatic Stability Control (ASC) Intervention

F85 Air-Conditioner Compressor Relay

F100 Output Amplifier Stage

F200 DME Control Unit

F201 Emission (Lambda) Control

F202 Control unit Fault Memory

F203 Ignition Circuit Monitoring

F204 Stall Protection (Idle Speed Increase)