



## Códigos de erro - DCT Codes

Este documento é uma compilação dos vários códigos de erro.

Tópico original: <http://www.gtcteamclub.com/forum/index.php/topic,5005.0.html>

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Aqui está uma forma fácil e barata de, caso existam códigos de erro armazenados, os vermos. Sem necessidade de ir à oficina. Aliás, muitas oficinas nem saberão isto...

- Carregar no pedal de travão e acelerador até ao fundo e ao mesmo tempo.
- Rodar a chave até às luzes aparecerem, mas sem arrancar com o carro!

No display onde aparecem os Kms, vai aparecer "ECN" (error code number) e em baixo os códigos de erro armazenados. Aparecem um a seguir ao outro. No fim, aparece novamente os Kms.

Os primeiros 4 dígitos indicam a falha e os últimos 2 indicam um valor.

Por exemplo, ECN 161450: problema com a comunicação entre o imobilizador e o transponder da chave.

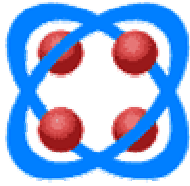
Se não surgir nenhum código, não há nenhum erro registado.

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**Existem vários códigos, sendo alguns específicos de cada marca e outros gerais. Assim, coloco aqui todos os códigos que encontrei, de forma a que, caso seja necessário, haja uma maior probabilidade de estar aqui o código em causa, em alguma destas listas.**

**A melhor forma de encontrar algum código é mesmo fazendo uma pesquisa nestas listas.**

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## ***Lista 1 (Original)***

### Lista de códigos:

B0132 battery voltage high C-123  
B0132 low battery voltage C-123  
B0158 outside temperature sensor voltage is too small DIS (Information Display) C-015  
B0158 outside temperature sensor circuit voltage to open or big DIS (Information Display) C-015  
B0283 rear window heater malfunction heating, ventilation and air conditioning B-015  
B1000 replace the control unit - EEPROM errors C-002  
B1000 replace the control unit - hardware errors C-002  
B1000 replace the control unit - hardware errors C-002  
B1000 control device to replace C-002  
B1000 control device malfunction C-002  
B1001 airbag control unit is not locked hardware and software B-003  
B1001 vehicle identification number is not programmed hardware and software B-005  
B1001 error programming hardware and software B-003  
B1001 Linkslenker-/Rechtslenker- configuration errors C-002  
B1001 control device is not calibrated hardware and software B-003  
B1001 control device is not programmed hardware and software B-003  
B1001 control device is not programmed hardware and software B-003  
B1001 control device programming hardware and software B-003  
B1001 variants code is not programmed hardware and software B-004  
B1001 variant configuration is not programmed hardware and software B-003  
B1006 control device to replace C-002  
B1009 control device programming hardware and software B-003  
B1016 vehicle identification number is not programmed hardware and software B-005  
B1019 control device in the extradition state C-002  
B1325 system voltage power too large B-003  
B1325 system voltage power too small B-003  
B1375 Geschaltete system voltage (A ignition) is not plausible with CAN signal B-005  
B1385 terminal 15A dysfunction B-004  
B1390 comfort closure circuit voltage power too small windows C-009  
B1395 engine runs too small signal voltage EHPS (electro-hydraulic auxiliary power steering) C-003  
B1420 power supply voltage is too large C-124  
B1420 power supply voltage too small C-124  
B1421 supply voltage signal is not in the target area C-124  
B1428 relay starters dysfunction C-127  
B1441 Geschaltete system voltage (Ignition A) Power too big C-125  
B1441 Geschaltete system voltage (ignition ON) voltage too small C-125  
B1451-voltage relay equipment too large or open circuit C-106  
B1451 accessories relay circuit voltage is too large C-106  
B1453 Geschaltete system voltage (Ignition A) Power too big C-125

B1453 Geschaltete system voltage (ignition ON) voltage too small C-125  
B2961 position ignition key switch circuit malfunction C-002  
B3601 holding magnetic key relay circuit malfunction AF 17-4 Automatic 4-speed gearbox C-005  
B3644 switch channel high wheel remote stuck RQ (Entertainment Head Unit) C-012  
B3644 switch channel high wheel remote control circuit resistance not in the target area RQ (Entertainment Head Unit) C-012  
B3645 channel down button remote control wheel stuck RQ (Entertainment Head Unit) C-012  
B3645 switch channel down steering wheel remote control circuit resistance not in the target area RQ (Entertainment Head Unit) C-012  
Scrolling right B3646 wheel stuck RQ (Entertainment Head Unit) C-012  
Scrolling right B3646 wheel circuit open RQ (Entertainment Head Unit) C-012  
Scrolling right B3646 wheel circuit resistance not in the target area RQ (Entertainment Head Unit) C-012  
B3647 switch voice remote control wheel stuck RQ (Entertainment Head Unit) C-012  
B3647 switch Voice Control wheel remote resistance not in the target area RQ (Entertainment Head Unit) C-012  
B3648 switch telephone wheel remote stuck RQ (Entertainment Head Unit) C-012  
B3648 switch telephone wheel remote resistance not in the target area RQ (Entertainment Head Unit) C-012  
B3649 Scrolling left wheel stuck RQ (Entertainment Head Unit) C-012  
B3649 wheel Scrolling left open circuit RQ (Entertainment Head Unit) C-012  
B3649 Scrolling left wheel circuit resistance not in the target area RQ (Entertainment Head Unit) C-012  
C0252 control device in the extradition condition or defect hardware and software B-003  
Wrong C0550 configuration variations programmed control unit or defective hardware and software B-003  
C0550 control device to replace C-002  
C0550 control device is not programmed hardware and software B-003  
C0551 vehicle identification number is not programmed hardware and software B-005  
Wrong C0551 variant configuration programmed hardware and software B-004  
C0551 control device programming hardware and software B-003  
C0551 variants code is not programmed hardware and software B-004  
C0551 variant configuration is not programmed hardware and software B-004  
False C0569 system hardware configuration and software B-003  
C0800 system voltage power too large B-003  
C0800 system voltage power too small B-003  
C0920 control device is not programmed hardware and software B-003  
C1523 system voltage power too large C-105  
C1523 system voltage power too small C-105  
C1550 control device to replace C-002  
P0070 sensor ambient air temperature dysfunction B-024  
P0100 air mass / volume knife dysfunction C-007  
P0100 air mass / volume knife signal too large C-007  
P0100 air mass quantities too small knife signal C-007  
P0100 air mass meter error  
P0105 intake manifold pressure sensor voltage error  
P0110 intake sensor signal is too large C-008

P0110 intake sensor signal to small C-008  
P0110 Ansauglufttemperaturfühler error  
P0110 CAN bus, no communication with ECM (engine control unit) Fahrzeugbezogene Prüfanleitung B-019  
P0115 CAN bus, no communication with ECM (engine control unit) Fahrzeugbezogene Prüfanleitung B-019  
P0115 coolant temperature sensor errors  
P0115 engine coolant temperature sensor is not in the target area cooled engine C-002  
P0115 engine coolant temperature signal is too large cooling engine C-002  
P0115 engine coolant temperature signal is too small engine cooling C-002  
P0120 throttle valves / pedal position donor "A" is not a target area C-005  
P0120 throttle valves / pedal position donor "A" signal is too large C-005  
P0120 throttle valves / pedal position donor "A" signal to small C-005  
No P0130 plausibility between O2 sensor 1 Bank 1 and O2 sensor 2 bank 1 B-020  
P0130 lambda probe dysfunction (Bank 1 Sensor 1) B-020  
P0130 lambda sensor circuit not in the target area (Bank 1 Sensor 1) B-025  
P0130 O2 sensor circuit voltage high (Bank 1 Sensor 1) C-019  
P0130 O2 sensor circuit voltage low (Bank 1 Sensor 1) C-019  
P0135 lambda probe heating dysfunction (Bank 1 Sensor 1) B-012  
P0135 lambda probe heating open (Bank 1 Sensor 1) B-028  
P0135 lambda probe heating voltage is too big (Bank 1 Sensor 1) B-012  
P0135 lambda probe heating voltage is too small (Bank 1 Sensor 1) B-012  
No P0136 plausibility between O2 sensor 1 Bank 1 and O2 sensor 2 bank 1 B-027  
P0136 lambda probe dysfunction (Bank 1 Sensor 2) B-027  
P0136 lambda sensor circuit not in the target area (Bank 1 Sensor 2) B-026  
P0136 O2 sensor circuit voltage high (Bank 1 Sensor 2) C-023  
P0136 O2 sensor circuit voltage low (Bank 1 Sensor 2) C-023  
P0141 lambda probe heating dysfunction (Bank 1 Sensor 2) B-013  
P0141 lambda probe heating open (Bank 1 Sensor 2) B-029  
P0141 lambda probe heating voltage is too big (Bank 1 Sensor 2) B-013  
P0141 lambda probe heating voltage is too small (Bank 1 Sensor 2) B-013  
P0170 fuel correction dysfunction (Bank 1) B-016  
P0180 fuel temperature sensor short-circuit/interruption  
P0190 Mechanical fault in the fuel system failure  
P0195 Öltemperaturfühler error (at Y17DT and Y17DTL not VERBAUT!)  
P0201 cylinder 1 injector signal too large B-011  
P0201 cylinder 1 injector signal to small B-011  
P0201 cylinder 1 injector circuit open B-011  
P0202 cylinder 2 injector signal too large B-011  
P0202 cylinder 2 injector signal to small B-011  
P0202 cylinder 2 injector circuit open B-011  
P0203 cylinder 3 injector signal too large B-011  
P0203 cylinder 3 injector signal to small B-011  
P0203 cylinder 3 injector circuit open B-011  
P0204 cylinder 4 injector signal too large B-011  
P0204 cylinder 4 injector signal to small B-011  
P0204 cylinder 4 injector circuit open B-011  
P0216 Einspritzbeginn error  
P0219 engine speed is too large C-025  
P0220 throttle valves / pedal position donor "B" is not in the target area C-005

P0220 throttle valves / pedal position donor "B" signal is too large C-005  
P0220 throttle valves / pedal position donor "B" signal to small C-005  
P0230 fuel pump primary circuit signal is too large B-010  
P0230 fuel pump primary circuit signal to small B-010  
P0235 boost pressure signal to donors large C-031  
P0235 boost pressure donor signal too small C-031  
P0243 boost pressure valve voltage too large C-032  
P0243 boost pressure valve voltage is too low C-032  
P0243 boost pressure valve open circuit C-032  
P0251 overflow valve / pump control unit dysfunction (99% pump control unit died)  
Several P0300 cylinder misfire detected B-021  
P0301 cylinder misfire detected 1 B-021  
P0302 cylinder misfire detected 2 B-021  
P0303 cylinder 3 misfire detected B-021  
P0304 cylinder misfire detected 4 B-021  
P0313 misfire at low fuel levels detected B-021  
P0325 Klopfsensor 1 signal too big (bank or individual sensor 1) B-022  
P0325 Klopfsensor 1 signal too small (bank or individual sensor 1) B-022  
P0335 crankshaft sensor wrong signal C-002  
P0335 crankshaft sensor no signal  
P0335 crankshaft sensor signal is not in the target area C-002  
P0340 engine speed error '  
P0340 camshaft position donor dysfunction C-009  
P0340 camshaft position encoder signal to big C-009  
P0340 camshaft position encoder signal to small C-009  
P0340 camshaft position encoder circuit open C-009  
P0340 camshaft sensor signal is not in the target area C-009  
P0370 pumps position signal void  
P0380 Vorglühanlage short-circuit/interruption  
P0381 Glühzeitkontrolleuchte short-circuit/interruption  
P0400 EGR valve errors  
P0420 catalyst efficiency under limit (Bank 1) B-017  
P0441 tank vent system wrong tank vent River B-014  
P0443 fuel tank vent valve open District B-014  
P0443 fuel tank vent valve voltage high B-014  
P0443 fuel tank vent valve voltage low B-014  
P0460 fuel level sensor signal is not in the target area IPC (instrument) B-012  
P0480 cooler fan (small) short-circuit/interruption  
P0481 cooler fan (big) short-circuit/interruption  
P0500 vehicle speed signal is not in setpoint range B-023  
P0500 distance frequency (employer) error (comes from ABS unit)  
P0501 vehicle speed signal is not in setpoint range B-023  
P0505 CAN bus, no communication with ECM (engine control unit) Fahrzeugbezogene Prüfanleitung B-019  
P0505 idling regulator short-circuit/interruption  
P0520 engine oil pressure switch / sensor is not in the target area IPC (instrument) C-018  
P0530 air conditioners misprint  
P0530 air conditioners pressure sensor signal is too large heating, ventilation and air conditioning C-009

P0530 air conditioners pressure sensor signal is too small heating, ventilation and air conditioning C-009  
P0560 battery voltage error (over or under voltage)  
P0560 system voltage dysfunction C-110  
P0560 system voltage outside Area C-110  
P0560 system voltage power too large C-109  
P0560 power system voltage too small C-109  
P0560 system voltage too high C-110  
P0560 system voltage is too low C-110  
P0560 supply voltage too high C-110  
P0571 Bremslichtschalter short-circuit/interruption  
P0571 switches brake malfunction exterior lighting / flasher Appendix B-014  
P0601 control device to replace C-002  
P0602 vehicle identification number is not programmed hardware and software B-005  
P0602 injector volume adjustment is not programmed hardware and software B-015  
P0602 tires extent not programmed hardware and software B-003  
P0602 Security code is not programmed hardware and software B-003  
P0602 Control Unit C-002 program  
P0602 control device programming hardware and software B-003  
P0602 ECUs programming errors (lack of out-of-code programming or index)  
P0602 variant configuration is not programmed hardware and software B-004  
P0603 ECU EEPROM errors C-002  
P0603 control device to replace C-002  
P0604 controller error - RAM C-002  
P0605 EPROM errors C-002  
P0605 control device to replace C-002  
P0606 controller replace error (Worst Case - Total damage control unit)  
P0606 control device malfunction C-002  
P0606 controller re-initialization C-004  
P0606 system voltage too high C-110  
P0607 Klopfsensor circuit malfunction B-022  
P0607 Klopfsignal module; control device to replace B-022  
P0607 controller replace error (see above)  
P0610 control device programming hardware and software B-003  
P0615 starter relay circuit open C-127  
P0615 Amplifier starter relay temperature too large C-127  
P0615 starters voltage relay too large C-127  
P0615 relay starters voltage too small C-127  
P0621 generator control lamp arrangement dysfunction IPC (instrument) C-021  
P0650 CAN bus no communication with CIM (Steering Column module) C-003  
P0650 error display control light (MI) dysfunction IPC (instrument) B-008  
P0703 Bremslichtschalter error  
P0704 clutch switch error  
P0704 clutch switch dysfunction CRC (electronic speed control) B-010  
P0725 CAN bus, no communication with ECM (engine control unit) Fahrzeugbezogene Prüfanleitung B-019  
P0725 engine speed error '  
P0815 switches High Turn the steering wheel remote stuck C-002  
P0815 switches high wheel remote switching circuit resistance not in the target area C-002

P0816 switches Runterschalten wheel remote stuck C-002  
P0816 switches Runterschalten wheel remote control circuit resistance not in the target area C-002  
P1100 Critical System Error Error  
P1105 Barometrischer pressure sensor short-circuit/interruption  
P1105 pressure sensor signal Barometrischer too large C-030  
P1105 pressure sensor signal Barometrischer too small C-030  
P1106 boost pressure donor signal is not in the target area C-031  
P1110 vacuum tube switching valve errors  
P1120 CAN bus, no communication with ECM (engine control unit) Fahrzeugbezogene Prüfanleitung B-019  
P1120 pedal sensor 1 short-circuit/interruption  
P1120 pedal sensor 1 signal to high C-004  
P1120 pedal sensor 1 signal too low C-004  
P1120 pedal position sensor 1 and 2 false signal ratio C-004  
P1122 pedal sensor 2 short-circuit/interruption  
P1122 pedal sensor 2 signal to high C-004  
P1122 pedal sensor signal is too low 2 C-004  
P1125 boost pressure solenoid valve errors  
P1173 Einspritzmengenbegrenzung because Oeltemperatur error  
P1180 fuel temperature sensor errors  
P1195 Öldruckschalter short-circuit/interruption  
P1220 Einspritzdauer monitoring error  
P1230 main relay dysfunction power supply and communication C-013  
P1243 turbocharger bypass solenoid valve voltage too large C-033  
P1243 turbocharger bypass solenoid valve voltage too small C-033  
P1243 turbocharger bypass solenoid valve open circuit C-033  
P1243 turbocharger bypass valve not in the target area C-033  
P1335 engine speed signal error  
P1345 cam shaft speed error  
P1481 fan control circuit open 1 engine cooling B-004  
1 fan P1481 control circuit voltage engine cooling too large B-004  
1 fan P1481 control circuit voltage too small engine cooling B-004  
P1482 fan control circuit open 2 engine cooling B-004  
P1482 fan control circuit voltage 2 too big engine cooling B-004  
P1482 fan control circuit voltage 2 too small engine cooling B-004  
P1483 fan control circuit open 3 engine cooling B-004  
3 fan P1483 control circuit voltage engine cooling too large B-004  
3 fan P1483 control circuit voltage too small engine cooling B-004  
P1490 additional coolant pump circuit open B-015  
P1490 additional coolant pump circuit voltage is too large B-015  
P1490 additional coolant pump circuit voltage too small B-015  
P1500 electronic throttle author dysfunction C-006  
P1501 immobiliser coding errors  
P1502 immobiliser error  
P1503 immobiliser signal error  
P1515 donor pedal position error  
P1523 throttle author is not in the target area C-006  
P1526 throttle author lower position not learned C-006  
P1530 high voltage relay climate heating, ventilation and air conditioning B-016

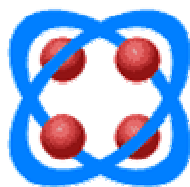
P1530 low voltage relay climate heating, ventilation and air conditioning B-016  
P1530 air conditioning requirement error  
P1530 air conditioning relay circuit open heating, ventilation and air conditioning B-016  
P1540 Climate pressure signal short-circuit/interruption  
P1560 battery voltage error  
P1560 Geschaltete system voltage (Ignition A) signal dysfunction (CAN) C-109  
P1565 interface speed control dysfunction CRC (electronic speed control) B-006  
P1600 engine torque is not plausible B-030  
P1600 control device to replace C-002  
P1600 controller error  
P1601 temperature controller error  
P1602 Maximum speed is not programmed hardware and software B-003  
P1602 programmers / Replace control unit (SG) hardware and software B-003  
P1602 control device programming hardware and software B-003  
P1602 variant configuration is not programmed hardware and software B-003  
P1603 control device to replace C-002  
P1604 programmers / Replace control device  
P1604 control device to replace C-004  
P1606 engine torque is not plausible B-030  
P1606 control device to replace C-002  
P1610 immobilizer anti-theft function is not programmed B-009  
P1610 immobiliser dysfunction Immobilizer B-009  
P1610 immobilizer function programming error  
P1611 Wrong security code error  
P1611 Wrong security code immobiliser B-015  
P1612 immobiliser signal error  
P1613 immobiliser no signal or wrong signal Immobilizer B-008  
P1613 immobiliser signal error  
P1614 Wrong transponder key error (the chip is still in the key?)  
P1614 Wrong transponder immobiliser key B-006  
P1614 immobilizer anti-theft wrong signal B-008  
P1615 ECM (engine control unit) Identification failed Immobilizer B-006  
P1616 CIM (Steering Column module) wrong environment indicator Immobilizer B-006  
Replace P1620 controller error  
P1625 relay power supply fault  
P1630 Kraftstoffeinspritzmenge error  
P1631 controller error injection pump  
P1635 Vorglühanlage error  
P1650 CAN error  
P1651 CAN error  
P1660 fuel Abschaltventil error  
P1680 coolant temperature output short-circuit/interruption  
P1690 control lamp voltage error  
P1694 control lamp voltage error Glühzeit  
P1811 engine torque signal malfunction ABS / TC / ESP (vehicle dynamics system) C-011  
P1814 Invalid signal of ECC (Electronic air conditioning) ECC / SAC (Electronic climate control) B-028

P1895 CAN bus, no communication with ECM (engine control unit) Fahrzeugbezogene Prüfanleitung B-019  
P1896 CAN bus, no communication with ECM (engine control unit) Fahrzeugbezogene Prüfanleitung B-019  
P2638 control device to replace C-002  
U0001 CAN bus maximum configuration list is not programmed hardware and software B-003  
U0009 CAN bus communication nodes no C-005  
U0101 CAN bus, no communication with gearbox control unit C-003  
U0121 CAN bus no communication with ABS / TC C-003  
U0140 CAN bus no communication with CIM (Steering Column module) C-003  
U2100 CAN bus dysfunction C-005  
U2100 CAN bus communication dysfunction C-005  
U2100 CAN bus communication errors C-005  
U2100 No communication with CAN-bus (High Speed) C-005  
U2100 No communication with CAN-bus (Low Speed) C-005  
U2100 No communication with CAN-bus (Mid Speed) C-005  
U2101 CAN bus (High Speed) maximum configuration list is not programmed hardware and software B-003  
U2101 CAN bus (Low Speed) maximum configuration list is not programmed hardware and software B-003  
U2101 CAN bus (Mid Speed) maximum configuration list is not programmed hardware and software B-003  
U2101 CAN bus maximum configuration list is not programmed hardware and software B-003  
U2102 CAN bus (Mid Speed) maximum configuration list is not complete hardware and software B-003  
U2103 CAN bus communication nodes no C-005  
U2103 CAN bus Rücksetzzähler overflow C-005  
U2103 CAN-bus circuit malfunction C-005  
U2103 No communication with CAN-bus (High Speed) C-005  
U2103 No communication with CAN-bus (Low Speed) C-005  
U2104 CAN bus (High Speed) Rücksetzzähler overflow C-005  
U2104 CAN bus (Mid Speed) Rücksetzzähler overflow C-005  
U2104 CAN bus Rücksetzzähler overflow C-005  
U2104 CAN bus Rücksetzzähler overflow C-005  
U2105 CAN bus, no communication with the engine control unit Fahrzeugbezogene Prüfanleitung B-019  
U2105 CAN bus, no communication with ECM (engine control unit) Fahrzeugbezogene Prüfanleitung B-019  
U2106 CAN bus, no communication with gearbox control unit C-003  
U2106 CAN bus, no communication with TCM (automatic transmission control unit) C-003  
U2107 CAN bus no communication with CIM (Steering Column module) C-003  
U2107 CAN bus no communication with IPC (instrument) C-003  
U2108 CAN bus, no communication with ABS (anti-) C-003  
U2108 CAN bus no communication with ABS / TC C-003  
U2108 programmers / Replace control unit (SG) hardware and software B-003  
U2110 CAN bus no communication with ABS / ESP C-003  
U2111 CAN bus no communication with EPS (Electronic Power Steering) C-003

U2112 CAN bus, no communication with CDC "> CDC"> SADS (Part Active damping system) C-003  
U2112 CAN bus No communication with CDC (electronic damper control) C-003  
U2113 CAN bus not communicate with SDM (airbag) C-003  
U2113 CAN bus not communicate with SDM (Sensing and Diagnostic Module, airbag) C-003  
U2116 CAN bus no communication with IPC (instrument) C-003  
U2116 CAN bus no communication with IPC (instrument) C-003  
U2117 CAN bus, no communication with DIS (advertisement) C-126  
U2117 CAN bus, no communication with Info-Display C-126  
U2120 CAN bus, no communication with AHL (headlamp control) C-003  
U2127 CAN bus, no communication with ECC (Electronic Climate) C-003  
U2139 CAN bus no communication with CIM (Steering Column module) C-003  
U2140 CAN bus no communication with CIM (Steering Column module) C-003  
U2140 CAN bus, no communication with UEC (engine room electronics central module) C-003  
U2141 CAN bus, no communication with REC (Rear electronics central module) C-003  
U2143 CAN bus, no communication with SAS (steering wheel angle sensor) C-003  
U2144 CAN bus, no communication with ACC (adaptive cruise control) C-003  
U2145 CAN bus, no communication with PAS (Park Pilot) C-003  
U2146 CAN bus, no communication with SLM (driving stage / Fahrprogramm wähllhebel) C-003  
U2147 CAN bus, no communication with AHS (Zuheizer) C-003  
U2149 CAN bus, no communication with TPMS (tire pressure monitoring system) C-003  
U2173 CAN bus, no communication with PEPS (Open & Start) C-003  
U2174 CAN bus, no communication with AHS (Zuheizer) C-003  
U2174 CAN bus, no communication with EHS (heating) C-003  
U2181 CAN bus, no communication with elektrohydraulischem hardtop C-003  
U2201 CAN bus, no communication with RQ (Entertainment Head Unit) C-003  
U2202 CAN bus, no communication with CDC (CD changer) C-003  
U2206 CAN bus, no communication with DIS (advertisement) C-003  
U2207 CAN bus, no communication with UHP (Univ. handsfree) C-003  
U2208 CAN bus, no communication with ECC (Electronic Climate) C-003  
U2213 CAN bus, no communication with DAB (Digital Audio Broadcast) C-003  
U2215 control device to replace C-002

**Os créditos desta Lista 1 vão para o Ken Slade, KJ e pazz do Astra Owners Network.**





## ***Lista 2***

### GM Diagnostic Trouble Code List

#### **Manufacturer Codes:**

DTC 01 General Sensor Fault  
DTC 02 Instantaneous Battery Voltage Out of Range  
DTC 03 Filtered Battery Voltage Out of Range  
DTC 04 Compressor Relay Short to Ground/Open  
DTC 05 Compressor Relay Short to Battery  
DTC 06 Exhaust Valve Short to Ground/Open Circuit  
DTC 07 Exhaust Valve Short to Battery  
DTC 08 Warning Lamp Short to Ground/Open Circuit  
DTC 09 Warning Lamp Short to Battery  
DTC 10 Inside Air Temperature Sensor Voltage Low  
DTC 10 Intake Accumulator Fault  
DTC 11 Driver Seat Forward/Backward Motor Inop  
DTC 11 Exhaust Accumulator Fault  
DTC 11 Inside Air Temperature Sensor Open Circuit  
DTC 11 Transponder Key Problem  
DTC 12 Consecutive Intake Malfunction  
DTC 12 Driver Seat Recliner Motor Inoperative  
DTC 12 LH Air Outlet Sensor Voltage Low  
DTC 12 Wrong Transponder Key  
DTC 12 Diagnostic System Check (Escalade)  
DTC 13 Driver Air Bag Deployment Loop Short to GND  
DTC 13 Immobilizer Not Programmed  
DTC 13 LH Air Outlet Sensor Open Circuit  
DTC 14 Coolant Temp Voltage Low  
DTC 14 Driver Pretens Deployment Loop Short to GND  
DTC 14 No Transponder Key Programmed  
DTC 14 RH Air Outlet Sensor Voltage Low  
DTC 15 Driver Air Bag Deploy. Loop Short to V  
DTC 15 RH Air Outlet Sensor Open Circuit  
DTC 15 Vehicle Speed Signal Voltage Low  
DTC 16 Driver Pretens Deploy Loop Short to Voltage  
DTC 16 Driver Seat Front Height Motor Inoperative  
DTC 16 Int Air Mix Door Mtr Volts Low/Open Circuit  
DTC 16 Vehicle Speed Signal Voltage High  
DTC 17 Driver Seat Rear Height Motor Inoperative  
DTC 17 Interior Air Mix Door Motor Voltage High  
DTC 17 No Engine Request Received  
DTC 18 Driver Side Mirror Circuit

DTC 18 LH Air Mix Door Mtr Volts Low/Open Circuit  
DTC 18 MIL Circuit  
DTC 19 Inside Mirror Circuit  
DTC 19 LH Air Mix Door Motor Voltage High  
DTC 20 Passenger Side Mirror Circuit  
DTC 20 RH Air Mix Door Mtr Volts Low/Open Circuit  
DTC 21 Driver Seat Adjuster Switch Inoperative  
DTC 21 No Speed Signal  
DTC 21 RH Air Mix Door Motor Voltage High  
DTC 21/31 Courtesy Lamps Feed Shorted to Ground (Escalade)  
DTC 22 Floor Air Mix Dr Mtr Voltage Low/Open CKT  
DTC 22 Solenoid Circuit Short to Ground/Open  
DTC 22/32 Courtesy Lamps Return Shorted to Battery (Escalade)  
DTC 23 Floor Air Mix Door Motor Voltage High  
DTC 23 Pass. Air Bag Deployment Loop Short to GND  
DTC 23 Power Steering Control Module Malfunction  
DTC 23/33 RAP Feed Shorted to Ground or Battery (Escalade)  
DTC 24 Def Air Mix Door Mtr Volts Low/Open Circuit  
DTC 24 Pass. Pretens Deployment Loop Short to GND  
DTC 24/34 Seatbelt Indicator Shorted to Ground or Battery (Escalade)  
DTC 25 Defrost Air Mix Door Motor Voltage High  
DTC 25 Pass. Air Bag Deploy. Loop Short to Voltage  
DTC 25/35 Security Indicator Status (Escalade)  
DTC 26 Pass. Pretens Deploy. Loop Short to Voltage  
DTC 27 Blower Motor Voltage Low or Open Circuit  
DTC 28 Air Circ. Valve Voltage Low or Open CKT  
DTC 29 Air Circulation Valve Voltage High  
DTC 30 Heating Cut-Off Valve Volts Low or Open CKT  
DTC 31 Driver Air Bag Deploy. Loop Resistance High  
DTC 31 Heating Cut-Off Valve Voltage High  
DTC 32 Driver Air Bag Deploy. Loop Resistance Low  
DTC 32 Rear Window Defog Signal Voltage Low  
DTC 33 Pass. Air Bag Deploy. Loop Resistance High  
DTC 33 Rear Window Defog Signal Voltage Open CKT  
DTC 34 Pass. Air Bag Deploy. Loop Resistance Low  
DTC 34 Rear Window Defogger Open Circuit  
DTC 35 A/C Request Signal Voltage High  
DTC 35 Driver Pretens Deploy. Loop Resistance High  
DTC 36 A/C Request Signal Voltage Low  
DTC 36 Driver Pretens Deploy. Loop Resistance Low  
DTC 37 Heater and A/C Control Switch Stuck  
DTC 37 Pass. Pretens Deploy. Loop Resistance High  
DTC 38 Pass. Pretens Deploy. Loop Resistance Low  
DTC 38 Solar/Twilight Sensor Supply Voltage Low  
DTC 39 Solar/Twilight Sensor Supply Voltage High  
DTC 40 Solar/Twilight Sensor GND Short to Voltage  
DTC 41 Last Message Received Valid (Escalade)  
DTC 42 Last Message Received Invalid (Escalade)  
DTC 43 Last Message Received with Sumcheck Error (Escalade)  
DTC 43 Warning Lamp Circuit Short to Voltage

DTC 44 Warning Lamp Circuit Open or Short to GND  
DTC 44 Last Message Received with Encryption Error (Escalade)  
DTC 45 Receiver Processing in 20 Second Lockout (Escalade)  
DTC 50 Seat Adjuster Memory Module Malfunction  
DTC 50, 51, or 55 Sunroof Actuator Malfunction  
DTC 51 Replace Heater and A/C Control  
DTC 51 Reprogram Cluster or Cluster Malfunction  
DTC 52 Heater and A/C Control Not Programmed  
DTC 52 Reprogram Cluster  
DTC 52 SDM Not Configured  
DTC 53 Configuration Mismatch  
DTC 55 Internal SDM Failure  
DTC 55 Replace Heater and A/C Control  
DTC 55 Seat Adjuster Memory Module Malfunction  
DTC 55 Theft Deterrent Module Malfunction  
DTC 55 Begin Configuration Display (Escalade)  
DTC 56 SDM Not Reusable  
DTC 65 Passenger Air Bag Deployment Commanded  
DTC 66 Driver Air Bag Deployment Commanded  
DTC 67 Pretensioner Only Deployment Commanded  
DTC 68 Driver Side Air Bag Deployment Commanded  
DTC 69 Pass. Side Air Bag Deployment Commanded  
DTC 71 Driver Side Impact Sensor Comms Invalid  
DTC 73 Driver Side Impact Sensor Short to Voltage  
DTC 74 Driver Side Impact Sensor Short to Ground  
DTC 75 Driver Side Air Bag Short to Ground  
DTC 76 Driver Side Air Bag Short to Voltage  
DTC 77 Driver Side Air Bag Deploy Loop Resist High  
DTC 78 Driver Side Air Bag Deploy Loop Resist. Low  
DTC 81 Pass. Side Impact Sensor Comms Invalid  
DTC 83 Pass. Side Impact Sensor Short to Voltage  
DTC 84 Pass. Side Impact Sensor Short to Ground  
DTC 85 Pass. Side Air Bag Short to Ground  
DTC 86 Pass. Side Air Bag Short to Voltage  
DTC 87 Pass. Side Air Bag Deploy. Loop Resist High  
DTC 88 Pass. Side Air Bag Deploy. Loop Resist. Low  
DTC 97 ONSTAR DCO Link Open or Short to Voltage  
DTC 98 ONSTAR DCO Link Short to Ground  
DTC 167 Fuel Gauge Voltage Low  
DTC 168 Fuel Gauge Voltage High  
DTC 169 Outside Temperature Sensor Voltage Low  
DTC 171 Outside Temperature Sensor Open Circuit

**Body Codes:**

DTC B0001 PCM Discrete Input Speed Signal Error  
DTC B0004 PCM Discrete Input Speed Signal Not Present  
DTC B0005 In Park Switch Circuit Malfunction  
DTC B0016 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1)  
Resistance Low

DTC B0017 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Open  
DTC B0018 RF/Passenger Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range  
DTC B0022 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Resistance Low  
DTC B0024 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Short to Ground/Voltage Out of Range  
DTC B0026 LF/Driver Frontal Deployment Loop (Single Stage or Stage 1) Open  
DTC B0028 RF/Passenger Side Deployment Loop Resistance Low  
DTC B0029 RF/Passenger Side Deployment Loop Open  
DTC B0030 RF/Passenger Side Deployment Loop Short to Ground/Voltage Out of Range  
DTC B0035 ADS Closed/Shorted to Ground  
DTC B0036 ADS Open/Missing/Shorted to Battery  
DTC B0037 AUX switch closed/shorted to ground  
DTC B0038 AUX switch open/shorted to battery  
DTC B0040 LF/Driver Side Deployment Loop Resistance Low  
DTC B0041 LF/Driver Side Deployment Loop Open  
DTC B0045 LF Side Deploy Loop Short to Ground/Voltage Out of Range  
DTC B0051 Deployment Commanded  
DTC B0053 Deployment Commanded with Loop Malfunctions Present  
DTC B0057 RF/Passenger Pretensioner Deployment Loop Resistance Low  
DTC B0058 RF/Passenger Pretensioner Deployment Loop Open  
DTC B0059 RF/Passenger Pretensioner Deployment Loop Short to Ground/Voltage Out of Range  
DTC B0064 LF/Driver Pretensioner Deployment Loop Resistance Low  
DTC B0065 LF/Driver Pretensioner Deployment Loop Open  
DTC B0066 LF/Driver Pretensioner Deployment Loop Short to Ground/Voltage Out of Range  
DTC B0073 Supplemental Deployment Loop #1 Resistance Low  
DTC B0074 Supplemental Deployment Loop #1 Open  
DTC B0075 Supplemental Deployment Loop #1 Short to Ground/Voltage Out of Range  
DTC B0077 LF/Driver SIS Malfunction  
DTC B0078 RF/Passenger SIS Malfunction  
DTC B0079 Incorrect LF/Driver SIS Installed  
DTC B0080 Discard LF/Driver SIS  
DTC B0081 Incorrect RF/Passenger SIS Installed  
DTC B0082 Discard RF/Passenger SIS  
DTC B0086 Supplemental Deployment Loop #2 Resistance Low  
DTC B0087 Supplemental Deployment Loop #2 Open  
DTC B0088 Supplemental Deployment Loop #2 Short to Ground/Voltage Out of Range  
DTC B0090 Active switch voltage out of range  
DTC B0091 Active switch: wrong state  
DTC B0092 PPS passenger detection error  
DTC B0093 PPS/CPS self-test malfunction  
DTC B0094 CPS childseat detection error  
DTC B0095 SDM-PPS/CPS mismatch malfunction  
DTC B0126 Right Panel Discharge Temperature Fault  
DTC B0131 Right Heater Discharge Temperature Fault  
DTC B0159 Outside Air Temperature Sensor Circuit Range/Performance

DTC B0164 Passenger Compartment Temperature Sensor #1 (Single Sensor or LH)  
Circuit Range/Performance  
DTC B0169 In-car Temp Sensor Failure (passenger -not used)  
DTC B0174 Output Air Temperature Sensor #1 (Upper; Single or LH) Circuit  
Range/Performance  
DTC B0179 Output Air Temperature Sensor #2 (Lower; Single or LH) Circuit  
Range/Performance  
DTC B0184 Solar Load Sensor #1 CKT Range  
DTC B0189 Solar Load Sensor #2 CKT Range  
DTC B0248 Mode Door Inoperative Error  
DTC B0249 Heater/Defrost/AC Door Range Error  
DTC B0268 A/I Door Inoperative Error  
DTC B0269 Air Inlet Door Range Error  
DTC B0408 Temperature Control #1 (Main/Front) Circuit Malfunction  
DTC B0409 Air Mix Door #1 Range Error  
DTC B0419 Air Mix Door #2 Range Error  
DTC B0423 Air Mix Door #2 Inoperative Error  
DTC B0428 Air Mix Door #3 Inoperative Error  
DTC B0429 Temperature Control #3 Rear Circuit Range/Performance  
DTC B0510 RH Panel Discharge Temp Sensor Failure  
DTC B0515 RH Heater Discharge Temp Sensor Failure  
DTC B0520 Rear Discharge Temp Sensor Failure  
DTC B0530 Fuel Level Sensor Stuck  
DTC B0532 Fuel Sensor Shorted To Ground  
DTC B0533 Fuel Sensor Open/Shorted To B+  
DTC B0688 Security System Indicator Circuit High  
DTC B0768 Service Indicator Circuit High  
DTC B0846 +5 Volt Reference Out of Range  
DTC B0856 Battery 2 Out of Range  
DTC B1000 ECU Malfunction  
DTC B1001 Option Configuration Error  
DTC B1004 Keep Alive Memory (KAM)  
DTC B1007 EEPROM Write Error  
DTC B1009 EEPROM Checksum Error  
DTC B1013 ROM Checksum Error  
DTC B1014 Program ROM Checksum Error  
DTC B1015 Passenger Deploy. Loop Resistance High  
DTC B1016 Passenger Deployment Loop Resistance Low  
DTC B1017 Passenger Deployment Loop Open  
DTC B1018 Passenger Deployment Loop Short to GND  
DTC B1019 Passenger Deploy. Loop Short to Voltage  
DTC B1021 Driver Deployment Loop Resistance High  
DTC B1022 Driver Deployment Loop Resistance Low  
DTC B1024 Driver Deployment Loop Short to Ground  
DTC B1025 Driver Deployment Loop Short to Voltage  
DTC B1026 Driver Deployment Loop Open  
DTC B1035 Discr. Sensor Closed or Short to GND  
DTC B1036 Discr. Sensor Open or Short to Voltage  
DTC B1051 Frontal Air Bag and Preten Deployment  
DTC B1053 Deployment Commanded w/Loop Malfunction

DTC B1054 Infl Rst IP Module Switch CKT Failure  
DTC B1061 Lamp Circuit Failure  
DTC B1071 Internal SDM Failure  
DTC B1115 Passenger Deploy. Loop Resistance High  
DTC B1116 Passenger Deploy. Loop Resistance Low  
DTC B1117 Passenger Deployment Loop Open  
DTC B1121 Driver Deployment Loop Resistance High  
DTC B1122 Driver Deployment Loop Resistance Low  
DTC B1124 Driver/Pass. Deploy. Loop Short to GND  
DTC B1125 Driver/Pass Deploy Loop Short to Voltage  
DTC B1126 Driver Deployment Loop Open  
DTC B1131 Pass. Pretensioner Loop Resistance High  
DTC B1132 Pass. Pretensioner Loop Resistance Low  
DTC B1134 Passenger Pretensioner Loop Open  
DTC B1135 Discr. Sensor Closed or Short to GND  
DTC B1136 Discr. Sensor Open or Short to Voltage  
DTC B1141 Driver Pretensioner Loop Resistance High  
DTC B1142 Driver Pretens. Deploy. Loop Res. Low  
DTC B1144 Driver/Pass Pretens. Loop Short to GND  
DTC B1145 Driver/Pass Pretens. Loop Short to Volt  
DTC B1146 Driver Pretensioner Loop Open  
DTC B1147 Driver Side Air Bag System Malfunction  
DTC B1148 Pass. Side Air Bag System Malfunction  
DTC B1151 Deployment Commanded - Frontal  
DTC B1152 Data Area Full  
DTC B1153 Deployment Commanded w/Loop Malfunction  
DTC B1155 SDM Calibration Mismatch  
DTC B1159 Loss of Serial Data-Key Not Received  
DTC B1160 Loss of Serial Data - VIN Not Received  
DTC B1161 Lamp Circuit Failure  
DTC B1163 Loss of Serial Data-No Lamp Response  
DTC B1171 Internal SDM Failure  
DTC B1245 CD Changer Not Responding  
DTC B1271 Theft Lock Enabled  
DTC B1310 Ambient Air Temperature Sensor Failure  
DTC B1311 Outside Air Temp Sensor Short Circuit  
DTC B1312 High Side Temp Sensor Open Circuit  
DTC B1313 High Side Temp Sensor Short Circuit  
DTC B1314 Evaporator Inlet Temp Sensor Open CKT  
DTC B1315 Evaporator Inlet Temp Sensor Short CKT  
DTC B1316 In Car Temperature Sensor Open Circuit  
DTC B1317 In Car Air Temperature Sensor  
DTC B1318 LH Sun Load Sensor Fault  
DTC B1319 Sunload Sensor Short Circuit  
DTC B1321 A/C Low Side Temperature Sensor Fault  
DTC B1324 A/C Refrigerant Overpressure  
DTC B1327 Device Power Circuit Low  
DTC B1328 Device Power Circuit High  
DTC B1328 RH Sun Load Sensor Fault  
DTC B1330 Left A/C Discharge Sensor Fault

DTC B1331 Right A/C Discharge Sensor Fault  
DTC B1332 Left Heater Discharge Sensor Fault  
DTC B1333 Right Heater Discharge Sensor Fault  
DTC B1340 Air Mix Door One Movement Fault  
DTC B1341 Air Mix Door Two Movement Fault  
DTC B1343 Air Inlet Door Movement Fault  
DTC B1344 HTR/DEF/AC Door Movement Fault  
DTC B1347 Very Low A/C Refrigerant Warning  
DTC B1348 Very Low A/C Refrigerant Pressure  
DTC B1350 Engine Coolant Over-Temperature  
DTC B1390 Device Voltage Reference Input CKT Malf  
DTC B1396 Device Voltage Reference Output 1 Circuit Range Performance  
DTC B1399 Loss of KDD Communications  
DTC B1422 Device Power Moding Malfunction  
DTC B1438 IPC High Voltage Output Overcurrent to IPM  
DTC B1513 Charging System Volts Low  
DTC B1514 Charging System Volts High  
DTC B1552 Keep Alive Memory (KAM) Error  
DTC B1556 IPC EEPROM Odo/Configuration Error  
DTC B1557 EEPROM Calibration Error  
DTC B1558 BCM EPROM Checksum Error  
DTC B1586 Mirror Horiz. Pos Sensor-Out of Range/Open  
DTC B1591 Mirror Vert. Pos Sensor-Out of Range/Open  
DTC B1652 Loss of Keep Alive Memory (KAM)  
DTC B1656 EEPROM Write Error  
DTC B1658 EEPROM Checksum Error  
DTC B1697 Mirror Switch Input Shorted to Ground  
DTC B1698 Mirror Switch L Up Input Stuck High  
DTC B1702 Mirror Switch Input Shorted to Ground  
DTC B1703 Mirror Switch L Down Input Stuck High  
DTC B1707 Mirror Switch Input Shorted to Ground  
DTC B1708 Mirror Switch R Up Input Stuck High  
DTC B1712 Mirror Switch Input Shorted to Ground  
DTC B1713 Mirror Switch R Down Input Stuck High  
DTC B1717 Mirror Power Fold Control Switch Shorted Low  
DTC B1713 Mirror Switch R Down Input Stuck High  
DTC B1718 Power Folding Mirror Switch Input Circuit High  
DTC B1735 Driver Seat Front Up Switch CKT Malf  
DTC B1740 Driver Seat Front Down Switch CKT Malf  
DTC B1745 Driver Seat Rear Up Switch CKT Malf  
DTC B1750 Driver Seat Rear Down Switch CKT Malf  
DTC B1755 Driver Seat Asm Forward Switch CKT Malf  
DTC B1760 Driver Seat Asm Rearward Switch CKT Malf  
DTC B1760 CD Changer Not Responding  
DTC B1780 Theft Lock Enabled  
DTC B1805 Ignition Switch Problem  
DTC B1815 Driver Recline Forward Switch CKT Malf  
DTC B1820 Driver Recline Rearward Switch CKT Malf  
DTC B1825 Driver Recline Sensor CKT Malfunction  
DTC B1830 Driver Lumbar Forward Switch CKT Malf

DTC B1835 Driver Lumbar Rearward Switch CKT Malf  
DTC B1840 Driver Lumbar Up Switch CKT Malf  
DTC B1845 Driver Lumbar Down Switch CKT Malf  
DTC B1850 Driver Lumbar Horiz Sensor CKT Malf  
DTC B1860 Driver Lumbar Vert Sensor CKT Malf  
DTC B1870 Driver Belt Tower Up Switch CKT Malf  
DTC B1875 Driver Belt Tower Down Sw CKT Malf  
DTC B1900 Driver Belt Tower Vert Sen CKT Malf  
DTC B1910 Generator L-Terminal Open Circuit  
DTC B1911 Generator L-Terminal Problem  
DTC B1913 Heated Seat Switch - Mode Input Shorted to Battery  
DTC B1918 Heated Seat Switch - Temperature Input Shorted to Battery  
DTC B1970 Exterior Lamp Power  
DTC B1971 Inadvertent Power  
DTC B1972 Low Power Driver Fault  
DTC B1973 High Power Control Fault  
DTC B1981 Battery Voltage Low  
DTC B1982 Device Power Circuit High  
DTC B1983 Device Power Circuit Low  
DTC B2101 Recline Aft Switch Failed  
DTC B2102 Recline Forward Switch Failed  
DTC B2103 Rear Vertical Down Switch Failed  
DTC B2104 Rear Vertical Up Switch Failed  
DTC B2105 Horizontal Aft Switch Failed  
DTC B2106 Horizontal Forward Switch Failed  
DTC B2107 Front Vertical Down Switch Failed  
DTC B2108 Front Vertical Up Switch Failed  
DTC B2109 Lumbar Aft Switch Failed  
DTC B2110 Lumbar Forward Switch Failed  
DTC B2111 Lumbar Down Switch Failed  
DTC B2112 Lumbar Up Switch Failed  
DTC B2115 Recline Sensor Failed  
DTC B2116 Rear Vertical Sensor Failed  
DTC B2117 Horizontal Sensor Failed  
DTC B2118 Front Vertical Sensor Failed  
DTC B2119 Lumbar Forward/Aft Sensor Failed  
DTC B2120 Lumbar Up/Down Sensor Failed  
DTC B2130 Driver Memory 1 Select Switch Circuit Malfunction  
DTC B2131 Driver Memory 2 Select Switch Circuit Malfunction  
DTC B2132 Driver Memory Exit Exit/Off Switch Circuit Malfunction  
DTC B2133 Driver Memory Set Switch Circuit Malfunction  
DTC B2140 Mirror Up Control Switch Circuit Malfunction  
DTC B2141 Mirror Down Control Switch Circuit Malfunction  
DTC B2142 Mirror Left Control Switch Circuit Malfunction  
DTC B2143 Mirror Right Control Switch Circuit Malfunction  
DTC B2144 Left Front Mirror Vertical Position Sensor Circuit Low  
DTC B2145 Left Front Mirror Vertical Position Sensor Circuit High  
DTC B2146 Left Front Mirror Horizontal Position Sensor Circuit Low  
DTC B2147 Left Front Mirror Horizontal Position Sensor Circuit High  
DTC B2148 Right Front Mirror Vertical Position Sensor Circuit Low

DTC B2149 Right Front Mirror Vertical Position Sensor Circuit High  
DTC B2150 Right Front Mirror Horizontal Position Sensor Circuit Low  
DTC B2151 Right Front Mirror Horizontal Position Sensor Circuit High  
DTC B2175 Tilt/Telescope Module Manual Switch Fail  
DTC B2200 LF Window Switch Stuck in Up Position  
DTC B2201 LF Window Switch Stuck in Down Position  
DTC B2202 RF Window Switch Stuck in Up Position  
DTC B2203 RF Window Switch Stuck in Down Position  
DTC B2204 LR Window Switch Stuck in Up Position  
DTC B2205 LR Window Switch Stuck in Down Position  
DTC B2206 RR Window Switch Stuck in Up Position  
DTC B2207 RR Window Switch Stuck in Down Position  
DTC B2212 RF Switch on LF Door Stuck Up Position  
DTC B2213 RF Switch on LF Door Stuck Down Position  
DTC B2214 LR Switch on LF Door Stuck Up Position  
DTC B2215 LR Switch on LF Door Stuck Down Position  
DTC B2216 RR Switch on LF Door Stuck Up Position  
DTC B2217 RR Switch on LF Door Stuck Down Position  
DTC B2220 LF Door Lock/Unlock Switch Stuck in Lock  
DTC B2221 LF Door Lock/Unlock Switch Stuck UnLock  
DTC B2222 RF Door Lock/Unlock Switch Stuck in Lock  
DTC B2223 RF Door Lock/Unlock Switch Stuck UnLock  
DTC B2224 LR Door Lock/Unlock Switch Stuck in Lock  
DTC B2226 RR Door Lock/Unlock Switch Stuck in Lock  
DTC B2240 Memory 1 Switch Failed  
DTC B2241 Memory 2 Switch Failed  
DTC B2242 Memory Exit Switch Failed  
DTC B2243 Memory Set Switch Failed  
DTC B2310 Hand Set Failure  
DTC B2311 TRU Failure  
DTC B2312 Software Failure  
DTC B2355 Driver Front Vertical Sensor Malf  
DTC B2365 Driver Rear Vertical Sensor Malf  
DTC B2375 Driver Seat Asm Horiz Sensor CKT Malf  
DTC B2419 Twilight Photocell Circuit Problem  
DTC B2420 Twilight Delay Pot Failure  
DTC B2422 Interior Lamp Rheostat Failure  
DTC B2460 Navigation Antenna Selector Circuit High Current  
DTC B2461 Navigation ECU Synchronous Signal Error  
DTC B2462 GPS Signal Error  
DTC B2463 Navigation CD Player - No Disk  
DTC B2464 Navigation CD Player - Decoding Error  
DTC B2465 Navigation CD Player - Data Error  
DTC B2466 Navigation VICS Memory Error  
DTC B2468 Navigation Display Head (NDH) Malfunction  
DTC B2470 Daytime Running Lamps Fault  
DTC B2471 Interior Lamp Fault  
DTC B2472 Low Beam Fault  
DTC B2473 High Beam Fault  
DTC B2474 Navigation Display Head (NDH) Back Lighting Malfunction

DTC B2475 Navigation Display Head (NDH) Auxiliary Input Malfunction  
DTC B2476 Cellular Phone Select Service Switch Malfunction  
DTC B2476 Parklamp Fault  
DTC B2477 Reverse Lamp Relay Shorted to Ground  
DTC B2478 Reverse Lamp Shorted to Battery  
DTC B2502 Auto Trans Shift Lock Control Shorted to Ground  
DTC B2503 Park Gear (Auto Trans Shift Lock Control) Relay Shorted to Batt  
DTC B2510 Steering Wheel Controls HVAC Key Stuck  
DTC B2511 Steering Wheel Controls Conv Key Stuck  
DTC B2512 Strng Wheel Controls Illegal A/D Values  
DTC B2515 Strg Whl Cont Illegal Resistance Value  
DTC B2550 Storage Mode Entered  
DTC B2556 Interior Lamp Rheostat Circuit Range  
DTC B2560 RKE Message Validation Error  
DTC B2641 Delayed Exterior Lighting Ctrl CKT Range  
DTC B2646 Ambient Light Sensor Circuit Range  
DTC B2710 PASSKey Open/Shorted Pellet  
DTC B2711 PASSKey Open/Shorted Pellet After Good Key  
DTC B2719 CTD-Trunk Tamper Switch Fault  
DTC B2725 ATC Mode Switch Circuit Malfunction  
DTC B2734 Coded Key Controller Memory Failure  
DTC B2750 PASSKey Data Communication Failure  
DTC B2757 Driver Memory 1 Select Switch CKT Low  
DTC B2762 Driver Memory 2 Select Switch CKT Low  
DTC B2767 Memory Set Switch Failed Low  
DTC B2772 Driver Memory Exit Switch Circuit Low  
DTC B2780 Wrong Resistor Before Good  
DTC B2781 Wrong Resistor After Good  
DTC B2782 PASSKey Pellet Resistance Not Programmed  
DTC B2783 Key Code/Password Corrupted in Memory  
DTC B2805 Steering Whl Controls HVAC Sw CKT Malf  
DTC B2810 Steering Whl Ctrl Entertainment CKT Malf  
DTC B2853 Telescope Forward Switch Circuit Malfunction  
DTC B2858 Telescope Rearward Switch Circuit Malfunction  
DTC B2860 Telescope Position Sensor Range  
DTC B2862 Telescope Position Sensor Low  
DTC B2873 Tilt Up Switch Circuit Malfunction  
DTC B2878 Tilt Down Switch Circuit Malfunction  
DTC B2880 Tilt Position Sensor Range  
DTC B2882 Tilt Position Sensor Low  
DTC B2891 Tilt/Telescope Motor Over Current  
DTC B2904 Tilt/Telescope 4-way Position Switch Circuit Malfunction  
DTC B2947 Security System Sensor Power CKT Low  
DTC B2948 Security System Sensor Power CKT High  
DTC B2955 Security System Sensor Data CKT Malf  
DTC B2957 Security System Sensor Data Circuit Low  
DTC B2958 Security System Sensor Data Circuit High  
DTC B2960 Sec Sys Sensor Data Incorrect but Valid  
DTC B3028 Starter Relay Interface Short to Ground  
DTC B3029 Starter Relay Interface Open/Short to B+

DTC B3031 Key Decoder Device in Assem Learn Mode  
DTC B3033 Security System Indicates Tamper  
DTC B3055 Key Not Present  
DTC B3069 RF/LF Door Key Unlock Circuit Low  
DTC B3108 Transmitter Synchronization Failure  
DTC B3142 LF Unlock Switch Circuit Low  
DTC B3147 Passenger Unlock Switch Circuit Low  
DTC B3152 LF Lock Switch Circuit Low  
DTC B3157 Passenger Lock Switch Circuit Low  
DTC B3172 Window Up Switch Circuit Low  
DTC B3177 Window Down Switch Circuit Low  
DTC B3203 Rear Window Lockout Switch Input Circuit High  
DTC B3282 Window Switch-Express Input Shorted to Ground  
DTC B3287 LR Window Switch Express Down Circuit Low  
DTC B3292 RR Window Switch Express Down Circuit Low  
DTC B3282 Window Switch-Express Input Shorted to Ground  
DTC B3377 LF Window Up Switch Circuit Low  
DTC B3382 LF Window Down Switch Circuit Low  
DTC B3387 RF Window Up Switch Circuit Low  
DTC B3392 RF Window Down Switch Circuit Low  
DTC B3397 LR Window Up Switch Circuit Low  
DTC B3452 LR Window Down Switch Circuit Low  
DTC B3457 RR Window Up Switch Circuit Low  
DTC B3462 RR Window Down Switch Circuit Low  
DTC B3467 LF Window Express Down Circuit Low  
DTC B3472 RF Window Express Down Circuit Low  
DTC B3477 LR Window Express Down Circuit Low  
DTC B3482 RR Window Express Down Circuit Low  
DTC B3517 LR Door Sw Express Up/Down Window Contact Shorted to GND  
DTC B3522 RR Door Sw Express Up/Down Window Contact Shorted to GND  
DTC B3527 Window Lockout Switch Circuit Low  
DTC B3793 Memory Seat Module Over Current

#### **Chassis Codes:**

DTC C0000 Vehicle Speed Information Circuit Malfunction  
DTC C0035 LF Wheel Speed Circuit Malfunction  
DTC C0040 RF Wheel Speed Circuit Malfunction  
DTC C0045 LR Wheel Speed Circuit Malfunction  
DTC C0050 RR Wheel Speed Circuit Malfunction  
DTC C0060 LF ABS Solenoid #1 Circuit Malfunction  
DTC C0065 LF ABS Solenoid #2 Circuit Malfunction  
DTC C0070 RF ABS Solenoid #1 Circuit Malfunction  
DTC C0075 RF ABS Solenoid #2 Circuit Malfunction  
DTC C0080 LR ABS Solenoid #1 Circuit Malfunction  
DTC C0085 LR ABS Solenoid #2 Circuit Malfunction  
DTC C0090 RR ABS Solenoid #1 Circuit Malfunction  
DTC C0095 RR ABS Solenoid #2 Circuit Malfunction  
DTC C0110 Pump Motor Circuit Malfunction  
DTC C0121 Valve Relay Circuit Malfunction

DTC C0141 Left TCS Solenoid #1 Circuit Malfunction  
DTC C0146 Left TCS Solenoid #2 Circuit Malfunction  
DTC C0151 Right TCS Solenoid #1 CKT Malfunction  
DTC C0156 Right TCS Solenoid #2 CKT Malfunction  
DTC C0161 ABS/TCS Brake Switch Circuit Malfunction  
DTC C0221 RF Wheel Speed Sensor Circuit Open  
DTC C0222 RF Wheel Speed Signal Missing  
DTC C0223 RF Wheel Speed Signal Erratic  
DTC C0225 LF Wheel Speed Sensor Circuit Open  
DTC C0226 LF Wheel Speed Signal Missing  
DTC C0227 LF Wheel Speed Signal Erratic  
DTC C0229 Drop Out of Front Wheel Speed Signals  
DTC C0235 Rear Wheel Speed Signal Circuit Open  
DTC C0236 Rear Wheel Speed Signal Circuit Missing  
DTC C0237 Rear Wheel Speed Signal Erratic  
DTC C0238 Wheel Speed Mismatch  
DTC C0241-C0254 EBCM Control Valve Circuit  
DTC C0245 Wheel Speed Sensor Frequency Error  
DTC C0265 or C0266 EBCM Relay Circuit  
DTC C0267 or C0268 Pump Motor Circuit Open/Shorted  
DTC C0269 or C0274 Excessive Dump/Isolation Time  
DTC C0271-C0273 EBCM Malfunction  
DTC C0281 Brake Switch Circuit  
DTC C0286 ABS Indicator Lamp Circuit Shorted to B+  
DTC C0288 Brake Warning Lamp Circuit Shorted to B+  
DTC C0300 Rear Speed Sensor Malfunction  
DTC C0305 Front Speed Sensor Malfunction  
DTC C0308 Motor A/B Circuit Low  
DTC C0309 Motor A/B Circuit High  
DTC C0310 Motor A/B Circuit Open  
DTC C0315 Motor Ground Circuit Open  
DTC C0323 T-Case Lock Circuit Low  
DTC C0324 T-Case Lock Circuit High  
DTC C0327 Encoder Circuit Malfunction  
DTC C0357 Park Switch Circuit High  
DTC C0362 4LO Discrete Output Circuit High  
DTC C0367 Front Axle Control Circuit High  
DTC C0374 General System Malfunction  
DTC C0376 Front/Rear Shaft Speed Mismatch  
DTC C0387 Unable to Perform Shift  
DTC C0472 Steering Handwheel Speed Sensor Signal V Low  
DTC C0473 Steering Handwheel Speed Sensor Signal V High  
DTC C0495 EVO Tracking Error  
DTC C0498 Steering Assist Control Actuator Feed Circuit Low  
DTC C0499 Steering Assist Control Solenoid Feed Circuit High  
DTC C0503 Steering Assist Control Solenoid Return Circuit Low  
DTC C0504 Steering Assist Control Solenoid Return Circuit High  
DTC C0550 ECU Malfunction  
DTC C0559 EEPROM Checksum Error  
DTC C0563 Calibration ROM Checksum Error

DTC C0577 Left Front Solenoid Circuit Low  
DTC C0578 Left Front Solenoid Circuit High  
DTC C0579 Left Front Solenoid Circuit Open  
DTC C0582 Right Front Solenoid Circuit Low  
DTC C0583 Right Front Solenoid Circuit High  
DTC C0584 Right Front Solenoid Circuit Open  
DTC C0587 Left Rear Solenoid Circuit Low  
DTC C0588 Left Rear Solenoid Circuit High  
DTC C0589 Left Rear Solenoid Circuit Open  
DTC C0592 Right Rear Solenoid Circuit Low  
DTC C0593 Right Rear Solenoid Circuit High  
DTC C0594 Right Rear Solenoid Circuit Open  
DTC C0611 VIN Information Error  
DTC C0615 Left Front Position Sensor Malfunction  
DTC C0620 Right Front Position Sensor Malfunction  
DTC C0625 Left Rear Position Sensor Malfunction  
DTC C0628 Level Control Position Sensor Circuit High  
DTC C0630 Right Rear Position Sensor Malfunction  
DTC C0635 Left Front Normal Force Circuit Malfunction  
DTC C0638 Left Front Normal Force Circuit High  
DTC C0640 Right Front Normal Force Circuit Malfunction  
DTC C0643 Right Front Normal Force Circuit High  
DTC C0655 Level Control Compressor Relay Malfunction  
DTC C0657 Level Control Compressor Circuit Low  
DTC C0658 Level Control Compressor Circuit High  
DTC C0660 Level Control Exhaust Valve Circuit Malfunction  
DTC C0662 Level Control Exhaust Valve Circuit Low  
DTC C0663 Level Control Exhaust Valve Circuit High  
DTC C0665 Chassis Pitch Signal Circuit  
DTC C0690 Damper Control Relay Circuit Malfunction  
DTC C0691 Damper Control Relay Circuit Range  
DTC C0693 Damper Control Relay Circuit High  
DTC C0695 Position Sensor Overcurrent (8 volt supply)  
DTC C0696 Position Sensor Overcurrent (5 volt supply)  
DTC C0710 Steering Position Signal Malfunction  
DTC C0800 Device Power #1 Circuit Malfunction  
DTC C0896 Device Voltage Range/Performance  
DTC C1211 ABS Indicator Lamp Circuit Malfunction  
DTC C1214 System Relay Contact or Coil Circuit Open  
DTC C1217 Pump Motor Shorted to Ground  
DTC C1218 Pump Motor Circuit Shorted to Voltage or Motor Ground Open  
DTC C1221 LF Wheel Speed Sensor Input Signal is 0  
DTC C1222 RF Wheel Speed Sensor Input Signal is 0  
DTC C1223 LR Wheel Speed Sensor Input Signal is 0  
DTC C1224 RR Wheel Speed Sensor Input Signal is 0  
DTC C1225 LF Excessive Wheel Speed Variation  
DTC C1226 RF Excessive Wheel Speed Variation  
DTC C1227 LR Excessive Wheel Speed Variation  
DTC C1228 RR Excessive Wheel Speed Variation  
DTC C1232 LF Wheel Speed Circuit Open or Shorted

DTC C1233 RF Wheel Speed Circuit Open or Shorted  
DTC C1234 LR Wheel Speed Circuit Open or Shorted  
DTC C1235 RR Wheel Speed Circuit Open or Shorted  
DTC C1236 Low System Supply Voltage  
DTC C1237 High System Supply Voltage  
DTC C1238 Brake Thermal Model Exceeded  
DTC C1241 Variable Effort Steering Circuit Malfunction  
DTC C1242 Pump Motor Circuit Open  
DTC C1243 BPMV Pump Motor Stalled  
DTC C1246 Brake Lining Wear Circuit Open  
DTC C1248 EBCM Turned the Red Brake Warning Indicator On  
DTC C1251 RSS Indicated Malfunction  
DTC C1252 LF Normal Force Malfunction  
DTC C1253 RF Normal Force Malfunction  
DTC C1254 Abnormal Shutdown Detected  
DTC C1255 EBCM Internal Malfunction  
DTC C1256 EBCM Internal Malfunction  
DTC C1261 LF Inlet Valve Solenoid Malfunction  
DTC C1262 LF Outlet Valve Solenoid Malfunction  
DTC C1263 RF Inlet Valve Solenoid Malfunction  
DTC C1264 RF Outlet Valve Solenoid Malfunction  
DTC C1265 LR Inlet Valve Solenoid Malfunction  
DTC C1266 LR Outlet Valve Solenoid Malfunction  
DTC C1267 RR Inlet Valve Solenoid Malfunction  
DTC C1268 RR Outlet Valve Solenoid Malfunction  
DTC C1271 LF TCS Master Cylinder Isolation Valve Malfunction  
DTC C1272 LF TCS Prime Valve Malfunction  
DTC C1273 RF TCS Master Cylinder Isolation Valve Malfunction  
DTC C1274 RF TCS Prime Valve Malfunction  
DTC C1276 Delivered Torque Signal Circuit Malfunction  
DTC C1277 Requested Torque Signal Circuit Malfunction  
DTC C1278 TCS Temporarily Inhibited By PCM  
DTC C1281 VSES Sensors Uncorrelated  
DTC C1282 Yaw Rate Sensor Bias Circuit Malfunction  
DTC C1283 Excessive Time to Center Steering  
DTC C1284 Lateral Accelerometer Sensor Bias Malfunction  
DTC C1285 Lateral Accelerometer Sensor Circuit Malfunction  
DTC C1286 Steering Sensor Bias Malfunction  
DTC C1287 Steering Sensor Rate Malfunction  
DTC C1288 Steering Sensor Circuit Malfunction  
DTC C1291 Open Brake Lamp Switch Contacts During Deceleration  
DTC C1293 Code C1291 Set in Previous Ignition Cycle  
DTC C1294 Brake Lamp Switch Circuit Always Active  
DTC C1295 Brake Lamp Switch Circuit Open  
DTC C1297 PCM Indicated Brake Extended Travel Switch Failure  
DTC C1298 PCM Class 2 Serial Data Link Malfunction  
DTC C1326 Battery Out of Range  
DTC C1650 RSS Control Module Fault  
DTC C1658 RSS Control Module Calibration Fault  
DTC C1710 LF Damper Actuator Short CKT to Battery

DTC C1711 LF Damper Actuator Short CKT to Ground  
DTC C1712 LF Damper Actuator Open CKT  
DTC C1715 RF Damper Actuator Short CKT to Battery  
DTC C1716 RF Damper Actuator Short CKT to Ground  
DTC C1717 RF Damper Actuator Open CKT  
DTC C1720 LR Damper Actuator Short CKT to Battery  
DTC C1721 LR Damper Actuator Short CKT to Ground  
DTC C1722 LR Damper Actuator Open CKT  
DTC C1725 RR Damper Actuator Short CKT to Battery  
DTC C1726 RR Damper Actuator Short CKT to Ground  
DTC C1727 RR Damper Actuator Open CKT  
DTC C1735 Compressor Relay Short to Battery  
DTC C1736 Compressor Relay Short to GND/Open CKT  
DTC C1737 Exhaust Solenoid Valve Short to Battery  
DTC C1738 Exhaust Solenoid Valve Short to GND  
DTC C1743 Speed Signal Fault  
DTC C1744 Lift/Dive Signal Discrete Fault  
DTC C1760 LF Position Sensor Input Fault  
DTC C1761 RF Position Sensor Input Fault  
DTC C1762 LR Position Sensor Input Fault  
DTC C1763 RR Position Sensor Input Fault  
DTC C1768 Position Sensor Supply Fault  
DTC C1780 Loss of Steering Position Signal  
DTC C1782 ICCS2 DL Left Output Short CKT to Bat  
DTC C1783 ICCS2 DL Left Output Short CKT to GND  
DTC C1784 ICCS2 DL Right Output Short CKT to Bat  
DTC C1785 ICCS2 DL Right Output Short CKT to GND  
DTC C1786 Damper Control Relay Fault  
DTC C1787 Damper Control Relay Short to GND  
DTC C1788 Damper Control Relay Short to Bat

#### **Powertrain Codes:**

DTC P0030 HO2S Heater Control Circuit Bank 1 Sensor 1  
DTC P0031 HO2S Heater Circuit Low Voltage Bank 1 Sensor 1  
DTC P0032 HO2S Heater Circuit High Voltage Bank 1 Sensor 1  
DTC P0036 HO2S Heater Control Circuit Bank 1 Sensor 2  
DTC P0037 HO2S Heater Circuit Low Voltage Bank 1 Sensor 2  
DTC P0038 HO2S Heater Circuit High Voltage Bank 1 Sensor 2  
DTC P0050 HO2S Heater Circuit Bank 2 Sensor 1  
DTC P0051 HO2S Heater Circuit Low Voltage Bank 2 Sensor 1  
DTC P0052 HO2S Heater Circuit High Voltage Bank 2 Sensor 1  
DTC P0056 HO2S Heater Circuit Bank 2 Sensor 2  
DTC P0057 HO2S Heater Circuit Low Voltage Bank 2 Sensor 2  
DTC P0058 HO2S Heater Circuit High Voltage Bank 2 Sensor 2  
DTC P0100 MAF Sensor Ckt. Insufficient Activity  
DTC P0101 Mass Air Flow (MAF) Sensor Performance  
DTC P0102 Mass Air Flow (MAF) Sensor Circuit Low Frequency  
DTC P0103 Mass Air Flow (MAF) Sensor Circuit High Frequency  
DTC P0104 Mass Air Flow Circuit Intermittent

DTC P0105 MAP Sensor Circuit Insufficient Activity  
DTC P0106 Manifold Absolute Pressure (MAP) System Performance  
DTC P0107 Manifold Absolute Pressure (MAP) Sensor Circuit Low Voltage  
DTC P0108 Manifold Absolute Pressure (MAP) Sensor Circuit High Voltage  
DTC P0109 Manifold Absolute Pressure Circuit Intermittent  
DTC P0110 Intake Air Temperature (IAT) Sensor Circuit  
DTC P0111 Intake Air Temperature (IAT) Sensor Performance  
DTC P0112 Intake Air Temperature (IAT) Sensor Circuit Low Voltage  
DTC P0113 Intake Air Temperature (IAT) Sensor Circuit High Voltage  
DTC P0114 Intake Air Temperature Circuit Intermittent  
DTC P0115 Engine Coolant Temperature (ECT) Sensor Circuit  
DTC P0116 Engine Coolant Temperature (ECT) Sensor Performance  
DTC P0117 Engine Coolant Temperature (ECT) Sensor Circuit Low Voltage  
DTC P0118 Engine Coolant Temperature (ECT) Sensor Circuit High Voltage  
DTC P0119 Engine Coolant Temperature Circuit Intermittent  
DTC P0120 TP System Performance  
DTC P0121 TP Sensor Circuit Insufficient Activity  
DTC P0122 Throttle Position (TP) Sensor Circuit Low Voltage  
DTC P0123 Throttle Position (TP) Sensor Circuit High Voltage  
DTC P0124 Throttle Position Sensor 1 Circuit Intermittent  
DTC P0125 Engine Coolant Temperature (ECT) Insufficient for Closed Loop Fuel Control  
DTC P0126 Insufficient ECT for Stable Operation  
DTC P0128 Coolant Thermostat  
DTC P0130 HO2S Circuit Closed Loop (CL) Performance Bank 1 Sensor 1  
DTC P0131 HO2S Circuit Low Voltage Bank 1 Sensor 1  
DTC P0132 HO2S Circuit High Voltage Bank 1 Sensor 1  
DTC P0133 HO2S Slow Response Bank 1 Sensor 1  
DTC P0134 HO2S Circuit Insufficient Activity Bank 1 Sensor 1  
DTC P0135 HO2S Heater Performance Bank 1 Sensor 1  
DTC P0136 HO2S Circuit Bank 1 Sensor 2  
DTC P0137 HO2S Circuit Low Voltage Bank 1 Sensor 2  
DTC P0138 HO2S Circuit High Voltage Bank 1 Sensor 2  
DTC P0139 HO2S Slow Response Bank 1 Sensor 2  
DTC P0140 HO2S Circuit Insufficient Activity Bank 1 Sensor 2  
DTC P0141 HO2S Heater Performance Bank 1 Sensor 2  
DTC P0142 HO2S Circuit Bank 1 Sensor 3  
DTC P0143 HO2S Circuit Low Voltage Bank 1 Sensor 3  
DTC P0144 HO2S Circuit High Voltage Bank 1 Sensor 3  
DTC P0145 HO2S Circuit Bank 1 Sensor 2 Slow Response  
DTC P0146 HO2S Circuit Insufficient Activity Bank 1 Sensor 3  
DTC P0147 HO2S Heater Performance Bank 1 Sensor 3  
DTC P0150 HO2S Circuit Closed Loop (CL) Performance Bank 2 Sensor 1  
DTC P0150 HO2S Circuit Bank 2 Sensor 1  
DTC P0151 HO2S Circuit Low Voltage Bank 2 Sensor 1  
DTC P0152 HO2S Circuit High Voltage Bank 2 Sensor 1  
DTC P0153 HO2S Slow Response Bank 2 Sensor 1  
DTC P0154 HO2S Circuit Insufficient Activity Bank 2 Sensor 1  
DTC P0155 HO2S Heater Performance Bank 2 Sensor 1  
DTC P0156 HO2S Circuit Bank 2 Sensor 2

DTC P0157 HO2S Circuit Low Voltage Bank 2 Sensor 2  
DTC P0158 HO2S Circuit High Voltage Bank2 Sensor 2  
DTC P0159 HO2S Slow Response Bank 2 Sensor 2  
DTC P0160 HO2S Circuit Insufficient Activity Bank 2 Sensor 2  
DTC P0161 HO2S Heater Performance Bank 2 Sensor 2  
DTC P0162 HO2S Circuit Bank 2 Sensor 3  
DTC P0163 HO2S Circuit Bank 2 Sensor 3 Low Voltage  
DTC P0164 HO2S Circuit Bank 2 Sensor 3 High Voltage  
DTC P0165 HO2S Circuit Bank 2 Sensor 3 Slow Response  
DTC P0166 HO2S Circuit Bank 2 Sensor 3 No Activity Detected  
DTC P0167 HO2S Heater Circuit Bank 2 Sensor 3  
DTC P0169 Fuel Composition Sensor  
DTC P0170 Fuel Trim Bank 1  
DTC P0171 Fuel Trim System Lean Bank 1  
DTC P0172 Fuel Trim System Rich Bank 1  
DTC P0173 Fuel Trim Bank 2  
DTC P0174 Fuel Trim System Lean Bank 2  
DTC P0175 Fuel Trim System Rich Bank 2  
DTC P0176 Fuel Composition Sensor Circuit  
DTC P0177 Fuel Composition Sensor Circuit Performance  
DTC P0178 Fuel Composition Sensor Circuit Low Voltage  
DTC P0179 Fuel Composition Sensor Circuit High Voltage  
DTC P0180 Fuel Temperature Sensor 1 Circuit  
DTC P0181 Fuel Temp. Sensor 1 Circuit Performance  
DTC P0182 Fuel Temperature Sensor Circuit Low Voltage  
DTC P0183 Fuel Temperature Sensor Circuit High Voltage  
DTC P0184 Fuel Temperature Sensor 1 Circuit Intermittent  
DTC P0185 Fuel Temperature Sensor 2 Circuit  
DTC P0186 Fuel Temp. Sensor 2 Circuit Performance  
DTC P0187 Fuel Temperature Sensor 2 Circuit Low Voltage  
DTC P0188 Fuel Temperature Sensor 2 Circuit High Voltage  
DTC P0189 Fuel Temperature Sensor 2 Circuit Intermittent  
DTC P0190 Fuel Rail Pressure Sensor Circuit  
DTC P0191 Fuel Rail Pressure Sensor Circuit Performance  
DTC P0192 Fuel Rail Pressure Sensor Circuit Low Voltage  
DTC P0193 Fuel Rail Pressure Sensor Circuit High Voltage  
DTC P0194 Fuel Rail Pressure Sensor Circuit Intermittent  
DTC P0195 Engine Oil Temperature Sensor  
DTC P0196 Engine Oil Temperature Sensor Performance  
DTC P0197 Engine Oil Temperature Sensor Low Voltage  
DTC P0198 Engine Oil Temperature Sensor High Voltage  
DTC P0199 Engine Oil Temperature Sensor Intermittent  
DTC P0200 Injector Control Circuit  
DTC P0201 Injector 1 Control Circuit  
DTC P0202 Injector 2 Control Circuit  
DTC P0203 Injector 3 Control Circuit  
DTC P0204 Injector 4 Control Circuit  
DTC P0205 Injector 5 Control Circuit  
DTC P0206 Injector 6 Control Circuit  
DTC P0207 Injector 7 Control Circuit

DTC P0208 Injector 8 Control Circuit  
DTC P0209 Injector 9 Control Circuit  
DTC P0210 Injector 10 Control Circuit  
DTC P0211 Injector 11 Control Circuit  
DTC P0212 Injector 12 Control Circuit  
DTC P0213 Cold Start Injector 1  
DTC P0214 Cold Start Injector 2  
DTC P0215 Engine Shutoff Control Circuit  
DTC P0216 Injection Timing Control Circuit  
DTC P0217 Engine Overtemp Condition  
DTC P0218 Transmission Fluid Overtemperature  
DTC P0219 Engine Overspeed Condition  
DTC P0220 APP Sensor 2 Circuit  
DTC P0221 APP Sensor 2 Circuit Performance  
DTC P0222 APP Sensor 2 Circuit Low Voltage  
DTC P0223 APP Sensor 2 Circuit High Voltage  
DTC P0224 Throttle Position Sensor 2 Intermittent  
DTC P0225 APP Sensor 3 Circuit  
DTC P0226 APP Sensor 3 Circuit Performance  
DTC P0227 APP Sensor 3 Circuit Low Voltage  
DTC P0228 APP Sensor 3 Circuit High Voltage  
DTC P0229 Throttle Position Sensor 3 Intermittent  
DTC P0230 Fuel Pump Relay Control Circuit  
DTC P0231 Fuel Pump Feedback Circuit Low Voltage  
DTC P0232 Fuel Pump Feedback Circuit High Voltage  
DTC P0233 Fuel Pump Secondary Circuit Intermittent  
DTC P0234 TC Engine Overboost Condition  
DTC P0235 Turbocharger Boost Sensor 1 Circuit  
DTC P0236 TC Boost System  
DTC P0237 TC Boost Sensor Circuit Low Voltage  
DTC P0238 TC Boost Sensor Circuit High Voltage  
DTC P0239 Turbocharger Boost Sensor 2 Circuit  
DTC P0240 Turbocharger Boost Sensor 2 Performance  
DTC P0241 Turbocharger Boost Sensor 2 Circuit Low Voltage  
DTC P0242 Turbocharger Boost Sensor 2 Circuit High Voltage  
DTC P0243 Turbocharger Wastegate Solenoid 1  
DTC P0244 Turbocharger Wastegate Solenoid 1 Performance  
DTC P0245 Turbocharger Wastegate Solenoid 1 Low Voltage  
DTC P0246 Turbocharger Wastegate Solenoid 1 High Voltage  
DTC P0247 Turbocharger Wastegate Solenoid 2  
DTC P0248 Turbocharger Wastegate Solenoid 2 Performance  
DTC P0249 Turbocharger Wastegate Solenoid 2 Low Voltage  
DTC P0250 Turbocharger Wastegate Solenoid 2 High Voltage  
DTC P0251 Injection Pump Fuel Metering Control "A" Malfunction  
(Cam/Rotor/Injector)  
DTC P0252 Injection Pump Fuel Metering Control "A" Range/Performance  
(Cam/Rotor/Injector)  
DTC P0253 Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)  
DTC P0254 Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)

DTC P0255 Injection Pump Fuel Metering Control "A" Intermittent  
(Cam/Rotor/Injector)  
DTC P0256 Injection Pump Fuel Metering Control "B" Malfunction  
(Cam/Rotor/Injector)  
DTC P0257 Injection Pump Fuel Metering Control "B" Range/Performance  
(Cam/Rotor/Injector)  
DTC P0258 Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)  
DTC P0259 Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)  
DTC P0260 Injection Pump Fuel Metering Control "B" Intermittent  
(Cam/Rotor/Injector)  
DTC P0261 Cylinder 1 Injector Circuit Low  
DTC P0262 Cylinder 1 Injector Circuit High  
DTC P0263 Cylinder 1 Contribution/Balance Fault  
DTC P0264 Cylinder 2 Injector Circuit Low  
DTC P0265 Cylinder 2 Injector Circuit High  
DTC P0266 Cylinder 2 Contribution/Balance Fault  
DTC P0267 Cylinder 3 Injector Circuit Low  
DTC P0268 Cylinder 3 Injector Circuit High  
DTC P0269 Cylinder 3 Contribution/Balance Fault  
DTC P0270 Cylinder 4 Injector Circuit Low  
DTC P0271 Cylinder 4 Injector Circuit High  
DTC P0272 Cylinder 4 Contribution/Balance Fault  
DTC P0273 Cylinder 5 Injector Circuit Low  
DTC P0274 Cylinder 5 Injector Circuit High  
DTC P0275 Cylinder 5 Contribution/Balance Fault  
DTC P0276 Cylinder 6 Injector Circuit Low  
DTC P0277 Cylinder 6 Injector Circuit High  
DTC P0278 Cylinder 6 Contribution/Balance Fault  
DTC P0279 Cylinder 7 Injector Circuit Low  
DTC P0280 Cylinder 7 Injector Circuit High  
DTC P0281 Cylinder 7 Contribution/Balance Fault  
DTC P0282 Cylinder 8 Injector Circuit Low  
DTC P0283 Cylinder 8 Injector Circuit High  
DTC P0284 Cylinder 8 Contribution/Balance Fault  
DTC P0285 Cylinder 9 Injector Circuit Low  
DTC P0286 Cylinder 9 Injector Circuit High  
DTC P0287 Cylinder 9 Contribution/Balance Fault  
DTC P0288 Cylinder 10 Injector Circuit Low  
DTC P0289 Cylinder 10 Injector Circuit High  
DTC P0290 Cylinder 10 Contribution/Balance Fault  
DTC P0291 Cylinder 11 Injector Circuit Low  
DTC P0292 Cylinder 11 Injector Circuit High  
DTC P0293 Cylinder 11 Contribution/Balance Fault  
DTC P0294 Cylinder 12 Injector Circuit Low  
DTC P0295 Cylinder 12 Injector Circuit High  
DTC P0296 Cylinder 12 Contribution/Range Fault  
DTC P0300 Engine Misfire Detected  
DTC P0301 Cylinder 1 Misfire Detected  
DTC P0302 Cylinder 2 Misfire Detected  
DTC P0303 Cylinder 3 Misfire Detected

DTC P0304 Cylinder 4 Misfire Detected  
DTC P0305 Cylinder 5 Misfire Detected  
DTC P0306 Cylinder 6 Misfire Detected  
DTC P0307 Cylinder 7 Misfire Detected  
DTC P0308 Cylinder 8 Misfire Detected  
DTC P0309 Cylinder 9 Misfire Detected  
DTC P0311 Cylinder 11 Misfire Detected  
DTC P0312 Cylinder 12 Misfire Detected  
DTC P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction  
DTC P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance  
DTC P0322 IC Module 4X Reference CKT No Frequency  
DTC P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent  
DTC P0325 PCM Knock Sensor Circuit  
DTC P0326 Knock Sensor CKT Excessive Spark Retard  
DTC P0327 Knock Sensor Circuit Low Voltage  
DTC P0328 Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)  
DTC P0329 Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)  
DTC P0330 Knock Sensor (KS) Circuit Bank 2  
DTC P0331 Knock Sensor 2 Circuit Range/Performance (Bank 2)  
DTC P0332 Knock Sensor 2 Circuit Low Input (Bank 2)  
DTC P0333 Knock Sensor 2 Circuit High Input (Bank 2)  
DTC P0334 Knock Sensor 2 Circuit Intermittent (Bank 2)  
DTC P0335 CKP Sensor A Circuit Performance  
DTC P0336 Crankshaft Position (CKP) Sensor A Performance  
DTC P0337 Crankshaft Position (CKP) Sensor Circuit Low Duty Cycle  
DTC P0338 Crankshaft Position (CKP) Sensor Circuit High Duty Cycle  
DTC P0339 Crankshaft Position (CKP) Sensor Circuit Intermittent  
DTC P0340 Camshaft Position (CMP) Sensor Circuit  
DTC P0341 Camshaft Position (CMP) Sensor Performance  
DTC P0342 Camshaft Position Sensor Circuit Low Input  
DTC P0343 Camshaft Position Sensor Circuit High Input  
DTC P0344 Camshaft Position Sensor Circuit Intermittent  
DTC P0350 Ignition Coil Primary/Secondary Circuit Malfunction  
DTC P0351 Ignition Coil 1 Control Circuit  
DTC P0352 Ignition Coil 2 Control Circuit  
DTC P0353 Ignition Coil 3 Control Circuit  
DTC P0354 Ignition Coil 4 Control Circuit  
DTC P0355 Ignition Coil 5 Control Circuit  
DTC P0356 Ignition Coil 6 Control Circuit  
DTC P0357 Ignition Coil 7 Control Circuit  
DTC P0358 Ignition Coil 8 Control Circuit  
DTC P0359 Ignition Coil I Primary/Secondary Circuit Malfunction  
DTC P0360 Ignition Coil J Primary/Secondary Circuit Malfunction  
DTC P0361 Ignition Coil K Primary/Secondary Circuit Malfunction  
DTC P0362 Ignition Coil L Primary/Secondary Circuit Malfunction  
DTC P0370 Timing Reference High Resolution Signal A Malfunction  
DTC P0371 IC 24X Reference CKT Too Many Pulses  
DTC P0372 IC 24X Reference Circuit Missing Pulses  
DTC P0373 Timing Reference High Resolution Signal A Intermittent/Erratic Pulses  
DTC P0374 Timing Reference High Resolution Signal A No Pulses

DTC P0375 Timing Reference High Resolution Signal B Malfunction  
DTC P0376 Timing Reference High Resolution Signal B Too Many Pulses  
DTC P0377 Timing Reference High Resolution Signal B Too Few Pulses  
DTC P0378 Timing Reference High Resolution Signal B Intermittent/Erratic Pulses  
DTC P0379 Timing Reference High Resolution Signal B No Pulses  
DTC P0380 Glow Plug/Heater Circuit "A" Malfunction  
DTC P0381 Glow Plug/Heater Indicator Circuit Malfunction  
DTC P0382 Exhaust Gas Recirculation Flow Malfunction  
DTC P0385 Crankshaft Position (CKP) Sensor B Circuit  
DTC P0386 Crankshaft Position (CKP) Sensor B Performance  
DTC P0387 Crankshaft Position Sensor B Circuit Low Input  
DTC P0388 Crankshaft Position Sensor B Circuit High Input  
DTC P0389 Crankshaft Position Sensor B Circuit Intermittent  
DTC P0400 Exhaust Gas Recirculation Flow Malfunction  
DTC P0401 Exhaust Gas Recirculation (EGR) Flow Insufficient  
DTC P0402 Exhaust Gas Recirculation Flow Excessive Detected  
DTC P0403 Exhaust Gas Recirculation (EGR) Solenoid Control Circuit  
DTC P0404 Exhaust Gas Recirculation (EGR) Open Position Performance  
DTC P0405 Exhaust Gas Recirculation (EGR) Position Sensor Circuit Low Voltage  
DTC P0406 Exhaust Gas Recirculation Sensor A Circuit High  
DTC P0407 Exhaust Gas Recirculation Sensor B Circuit Low  
DTC P0408 Exhaust Gas Recirculation Sensor B Circuit High  
DTC P0410 Secondary Air Injection (AIR) System  
DTC P0411 Secondary Air Injection (AIR) System  
DTC P0412 Secondary Air Injection (AIR) Solenoid Relay Control Circuit Bank 1  
DTC P0413 Secondary Air Injection System Switching Valve A Circuit Open  
DTC P0414 Secondary Air Injection System Switching Valve A Circuit Shorted  
DTC P0415 Secondary Air Injection System Switching Valve B Circuit Malfunction  
DTC P0416 Secondary Air Injection System Switching Valve B Circuit Open  
DTC P0417 Secondary Air Injection System Switching Valve B Circuit Shorted  
DTC P0418 Secondary Air Injection (AIR) Pump Relay Control Circuit Bank 1  
DTC P0419 Secondary Air Injection (AIR) Pump Relay Control Circuit Bank 2  
DTC P0420 Catalyst System Low Efficiency  
DTC P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)  
DTC P0422 Catalyst System Low Efficiency Bank 1  
DTC P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)  
DTC P0424 Heated Catalyst Temperature Below Threshold (Bank 1)  
DTC P0430 Catalyst System Low Efficiency Bank 2  
DTC P0431 Warm Up Catalyst Efficiency Below Threshold (Bank 2)  
DTC P0432 Catalyst System Low Efficiency Bank 2  
DTC P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)  
DTC P0434 Heated Catalyst Temperature Below Threshold (Bank 2)  
DTC P0440 Evaporative Emission (EVAP) System  
DTC P0441 Evaporative Emission Control System Incorrect Purge Flow  
DTC P0442 Evaporative Emission (EVAP) System Small Leak Detected  
DTC P0443 EVAP Purge Solenoid Valve 1 Control CKT  
DTC P0444 Evaporative Emission Control System Purge Control Valve Circuit Open  
DTC P0445 Evaporative Emission Control System Purge Control Valve Circuit Shorted  
DTC P0446 EVAP Vent Solenoid Valve Control System  
DTC P0447 Evaporative Emission Control System Vent Control Circuit Open

DTC P0448 Evaporative Emission Control System Vent Control Circuit Shorted  
DTC P0449 Evaporative Emission (EVAP) Vent Solenoid Control Circuit  
DTC P0450 Fuel Tank Pressure Sensor Circuit  
DTC P0451 Evaporative Emission Control System Pressure Sensor Range/Performance  
DTC P0452 Fuel Tank Pressure Sensor Circuit Low Voltage  
DTC P0453 Fuel Tank Pressure Sensor Circuit High Voltage  
DTC P0454 Evaporative Emission Control System Pressure Sensor Intermittent  
DTC P0455 Evaporative Emission (EVAP) System Leak Detected  
DTC P0460 Fuel Level Sensor Circuit  
DTC P0461 Fuel Level Sensor Performance  
DTC P0462 Fuel Level Sensor Circuit Low Voltage  
DTC P0463 Fuel Level Sensor Circuit High Voltage  
DTC P0464 Fuel Level Sensor Circuit Intermittent  
DTC P0465 Purge Flow Sensor Circuit Malfunction  
DTC P0466 Purge Flow Sensor Circuit Range/Performance  
DTC P0467 Purge Flow Sensor Circuit Low Input  
DTC P0468 Purge Flow Sensor Circuit High Input  
DTC P0469 Purge Flow Sensor Circuit Intermittent  
DTC P0470 Exhaust Pressure Sensor Malfunction  
DTC P0471 Exhaust Pressure Sensor Range/Performance  
DTC P0472 Exhaust Pressure Sensor Low  
DTC P0473 Exhaust Pressure Sensor High  
DTC P0474 Exhaust Pressure Sensor Intermittent  
DTC P0475 Exhaust Pressure Control Valve Malfunction  
DTC P0476 Exhaust Pressure Control Valve Range/Performance  
DTC P0477 Exhaust Pressure Control Valve Low  
DTC P0478 Exhaust Pressure Control Valve High  
DTC P0479 Exhaust Pressure Control Valve Intermittent  
DTC P0480 Cooling Fan Relay 1 Control Circuit  
DTC P0481 Cooling Fan Relay 2 Control Circuit  
DTC P0482 Cooling Fan 3 Control Circuit Malfunction  
DTC P0483 Cooling Fan Rationality Check Malfunction  
DTC P0484 Cooling Fan Circuit Over Current  
DTC P0485 Cooling Fan Power/Ground Circuit Malfunction  
DTC P0500 Vehicle Speed Sensor (VSS) Circuit  
DTC P0501 Vehicle Speed Sensor Range/Performance  
DTC P0502 Vehicle Speed Sensor (VSS) Circuit Low Input  
DTC P0503 Vehicle Speed Sensor (VSS) Circuit Intermittent  
DTC P0505 Idle Control System Malfunction  
DTC P0506 Idle Speed Low  
DTC P0507 Idle Speed High  
DTC P0510 Closed Throttle Position Switch Malfunction  
DTC P0512 Start Switch Circuit  
DTC P0520 Engine Oil Pressure Sensor/Switch Circuit Malfunction  
DTC P0521 Engine Oil Pressure Sensor/Switch Circuit Range/Performance  
DTC P0522 Engine Oil Pressure Sensor/Switch Circuit Low Voltage  
DTC P0523 Engine Oil Pressure Sensor/Switch Circuit High Voltage  
DTC P0530 A/C Refrigerant Pressure Sensor Circuit Malfunction  
DTC P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance  
DTC P0532 Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit Low Voltage

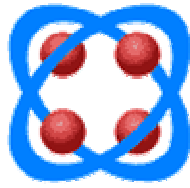
DTC P0533 Air Conditioning (A/C) Refrigerant Pressure Sensor Circuit High Voltage  
DTC P0534 Air Conditioner Refrigerant Charge Loss  
DTC P0550 Power Steering Pressure (PSP) Switch Circuit  
DTC P0551 Power Steering Pressure Sensor Circuit Range/Performance  
DTC P0552 Power Steering Pressure Sensor Circuit Low Input  
DTC P0553 Power Steering Pressure Sensor Circuit High Input  
DTC P0554 Power Steering Pressure Sensor Circuit Intermittent  
DTC P0560 System Voltage  
DTC P0561 System Voltage Unstable  
DTC P0562 System Voltage Low  
DTC P0563 System Voltage High  
DTC P0565 Cruise Control On Signal Malfunction  
DTC P0566 Cruise Control Off Signal Malfunction  
DTC P0567 Cruise Control Resume Signal Malfunction  
DTC P0568 Cruise Control Set Signal Malfunction  
DTC P0569 Cruise Control Coast Signal Malfunction  
DTC P0570 Cruise Control Accel Signal Malfunction  
DTC P0571 Cruise Control Brake Switch Circuit  
DTC P0573 Cruise Control/Brake Switch A Circuit High  
DTC P0574 Vehicle Speed Too High - Cruise Control Disabled  
DTC P0575 Cruise Control Related Malfunction  
DTC P0576 Cruise Control Related Malfunction  
DTC P0576 Cruise Control Related Malfunction  
DTC P0578 Cruise Control Related Malfunction  
DTC P0579 Cruise Control Related Malfunction  
DTC P0580 Cruise Control Related Malfunction  
DTC P0600 Serial Communication Link Malfunction  
DTC P0601 Control Module Read Only Memory (ROM)  
DTC P0602 Control Module Not Programmed  
DTC P0603 Control Module Long Term Memory Reset  
DTC P0604 Control Module Random Access Memory (RAM)  
DTC P0605 Control Module Programming Read Only Memory (ROM)  
DTC P0606 Control Module Internal Performance  
DTC P0608 Control Module VSS Output "A" Malfunction  
DTC P0609 Control Module VSS Output "B" Malfunction  
DTC P0615 Starter Relay Control Circuit  
DTC P0620 Generator Control Circuit Malfunction  
DTC P0621 Generator L-Terminal Circuit  
DTC P0622 Generator F-Terminal Circuit  
DTC P0650 Malfunction Indicator Lamp (MIL) Control Circuit  
DTC P0654 Engine RPM Output Circuit Malfunction  
DTC P0655 Engine Hot Lamp Output Control Circuit Malfuction  
DTC P0656 Fuel Level Output Circuit Malfunction  
DTC P0700 Transmission Control System Malfunction  
DTC P0701 Transmission Control System Range/Performance  
DTC P0702 Transmission Control System Electrical  
DTC P0703 Brake Switch Circuit Malfunction  
DTC P0704 Clutch Switch Input Circuit Malfunction  
DTC P0705 Trans Range Switch Circuit  
DTC P0706 Trans Range Switch Performance

DTC P0707 Transmission Range Sensor Circuit Low Input  
DTC P0708 Transmission Range Sensor Circuit High Input  
DTC P0709 Transmission Range Sensor Circuit Intermittent  
DTC P0710 Transmission Fluid Temperature Sensor Circuit Malfunction  
DTC P0711 TFT Sensor Circuit Range/Performance  
DTC P0712 Transmission Fluid Temperature (TFT) Sensor Circuit Low Input  
DTC P0713 Transmission Fluid Temperature (TFT) Sensor Circuit High Input  
DTC P0714 Transmission Fluid Temperature Sensor Circuit Intermittent  
DTC P0715 Input/Turbine Speed Sensor Circuit Malfunction  
DTC P0716 Input Speed Sensor Circuit Intermittent  
DTC P0717 Input Speed Sensor Circuit Low Input  
DTC P0718 Input/Turbine Speed Sensor Circuit Intermittent  
DTC P0719 Brake Switch Circuit Low Input  
DTC P0720 Output Speed Sensor Circuit Malfunction  
DTC P0721 Output Speed Sensor Range/Performance  
DTC P0722 Output Speed Sensor Circuit Low Input  
DTC P0723 Output Speed Sensor Intermittent  
DTC P0724 Brake Switch Circuit High Input  
DTC P0725 Engine Speed Input Circuit  
DTC P0726 Engine Speed Input Circuit Range/Performance  
DTC P0727 Engine Speed Circuit No Signal  
DTC P0728 Engine Speed Input Circuit Intermittent  
DTC P0730 Incorrect Gear Ratio  
DTC P0731 Incorrect 1st Gear Ratio  
DTC P0732 Incorrect 2nd Gear Ratio  
DTC P0733 Incorrect 3rd Gear Ratio  
DTC P0734 Incorrect 4th Gear Ratio  
DTC P0735 Gear 5 Incorrect ratio  
DTC P0736 Reverse incorrect gear ratio  
DTC P0740 TCC Enable Solenoid Circuit Electrical  
DTC P0741 TCC System Stuck Off  
DTC P0742 TCC System Stuck On  
DTC P0743 TCC Enable Solenoid Circuit Electrical  
DTC P0744 Torque Converter Clutch Circuit Intermittent  
DTC P0745 Pressure Control Solenoid Malfunction  
DTC P0746 Pressure Control Solenoid Performance or Stuck Off  
DTC P0747 Pressure Control Solenoid Stuck On  
DTC P0748 Pressure Control Solenoid Circuit Electrical  
DTC P0749 Pressure Control Solenoid Intermittent  
DTC P0750 Shift Solenoid A Malfunction  
DTC P0751 1-2 Shift Solenoid Valve Performance - No First or Fourth Gear  
DTC P0752 1-2 Shift Solenoid Valve Performance - No Second or Third Gear  
DTC P0753 1-2 Shift Solenoid Circuit Electrical  
DTC P0754 Shift Solenoid A Intermittent  
DTC P0755 Shift Solenoid B Malfunction  
DTC P0756 2-3 Shift Solenoid Valve Performance - No First or Second Gear  
DTC P0757 2-3 Shift Solenoid Valve Performance - No Third or Fourth Gear  
DTC P0758 2-3 Shift Solenoid Circuit Electrical  
DTC P0759 Shift Solenoid B Intermittent  
DTC P0760 Shift Solenoid C Malfunction

DTC P0761 Shift Solenoid C Performance or Stuck Off  
DTC P0762 Shift Solenoid C Stuck On  
DTC P0763 Shift Solenoid C Electrical  
DTC P0764 Shift Solenoid C Intermittent  
DTC P0765 Shift Solenoid D Malfunction  
DTC P0766 Shift Solenoid D Performance or Stuck Off  
DTC P0767 Shift Solenoid D Stuck On  
DTC P0768 Shift Solenoid D Electrical  
DTC P0769 Shift Solenoid D Intermittent  
DTC P0770 Shift Solenoid E Malfunction  
DTC P0771 Shift Solenoid E Performance or Stuck Off  
DTC P0772 Shift Solenoid E Stuck On  
DTC P0773 Shift Solenoid E Electrical  
DTC P0774 Shift Solenoid E Intermittent  
DTC P0780 Shift Malfunction  
DTC P0781 1-2 Shift Malfunction  
DTC P0782 2-3 Shift Malfunction  
DTC P0783 3-4 Shift Malfunction  
DTC P0784 4-5 Shift Malfunction  
DTC P0785 3-2 Shift Solenoid Circuit Electrical  
DTC P0786 Shift/Timing Solenoid Range/Performance  
DTC P0787 Shift/Timing Solenoid Low  
DTC P0788 Shift/Timing Solenoid High  
DTC P0789 Shift/Timing Solenoid Intermittent  
DTC P0790 Normal/Performance Switch Circuit Malfunction  
DTC P0801 Reverse Inhibit Control Circuit Malfunction  
DTC P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit Malfunction  
DTC P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit Malfunction  
DTC P1031 HO2S Heater Current Monitor Control Circuit Banks 1 and 2 Sensor 1  
DTC P1032 HO2S Heater Warm Up Control Circuit Banks 1 and 2 Sensor 1  
DTC P1105 Secondary Vacuum Sensor Circuit  
DTC P1106 Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent High Voltage  
DTC P1107 Manifold Absolute Pressure (MAP) Sensor Circuit Intermittent Low Voltage  
DTC P1108 BARO to MAP Sensor Comparison Too High  
DTC P1109 Secondary Port Throttle System  
DTC P1111 Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage  
DTC P1112 Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage  
DTC P1113 Intake Resonance Switchover Solenoid Control Circuit  
DTC P1114 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage  
DTC P1115 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage  
DTC P1116 ECT Signal Unstable or Intermittent  
DTC P1117 Engine Coolant Temp. Signal Out-Of-Range Low  
DTC P1118 Engine Coolant Temp. Signal Out-Of-Range High  
DTC P1119 ECT Signal Out-Of-Range With TFT Sensor  
DTC P1120 Throttle Position (TP) Sensor 1 Circuit  
DTC P1121 Throttle Position (TP) Sensor Circuit Intermittent High Voltage

DTC P1122 Throttle Position (TP) Sensor Circuit Intermittent Low Voltage  
DTC P1125 APP System  
DTC P1130 HO2S Circuit Low Variance Bank 1 Sensor 1  
DTC P1131 HO2S Circuit Low Variance Bank 1 Sensor 2  
DTC P1132 HO2S Circuit Low Variance Bank 2 Sensor 1  
DTC P1133 HO2S Insufficient Switching Bank 1 Sensor 1  
DTC P1134 HO2S Transition Time Ratio Bank 1 Sensor 1  
DTC P1135 HO2S Lean Mean Bank 1 Sensor 1  
DTC P1136 HO2S Rich Mean Bank 1 Sensor 1  
DTC P1137 HO2S Bank 1 Sensor 2 Lean System or Low Voltage  
DTC P1138 HO2S Bank 1 Sensor 2 Rich or High Voltage  
DTC P1139 HO2S Insuff. Switching Bank 1 Sensor 2  
DTC P1140 HO2S Transition Time Ratio Bank 1 Sensor 2  
DTC P1141 HO2S Heater Control Circuit Bank 1 Sensor 2  
DTC P1143 HO2S Bank 1 Sensor 3 Lean System or Low Voltage  
DTC P1144 HO2S Bank 1 Sensor 3 Rich or High Voltage

**Os créditos desta Lista 2 vão para o BAZGANM do ClubOpel.** 



### ***Lista 3***

Lista de códigos DBR II modelos 2000 +

Code example

P 0 1 0 0

1st Digit

P = powertrain

2nd Digit

0 = Standard

1 = Manufacturer specific

2 = ?

3rd Digit

1 = Emission management

2 = Injector circuit

3 = Ignition

4 = Auxiliary emission

5 = Vehicle speed & idle control

6 = Computer & output circuit

7 = Transmission

8 = ?

9 = ?

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P0010 A Camshaft Position Actuator Circuit (Bank 1)

P0011 A Camshaft Position - Timing Over-Advanced or System Performance (Bank 1))

P0012 A Camshaft Position - Timing Over-Retarded (Bank 1)

P0013 B Camshaft Position - Actuator Circuit (Bank 1)

P0014 B Camshaft Position - Timing Over-Advanced or System Performance (Bank 1)

P0015 B Camshaft Position - Timing Over-Retarded (Bank 1)

P0016 Crankshaft/Camshaft Timing Misalignment

A rationality error has been detected for camshaft position out of phase with crankshaft.

P0020 A Camshaft Position Actuator Circuit (Bank 2)

P0021 A Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)

P0022 A Camshaft Position - Timing Over-Retarded (Bank 2)

P0023 B Camshaft Position - Actuator Circuit (Bank 2)

P0024 B Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)  
P0025 B Camshaft Position - Timing Over-Retarded (Bank 2)  
P0030 02 Sensor Heater Control Circuit (Bank 1 Sensor 1)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0031 02 Sensor Heater Control Circuit Low (Bank 1 Sensor 1)

Shorted low condition detected in the oxygen sensor 1/1 heater element control feedback sense circuit

P0032 02 Sensor Heater Control Circuit High (Bank 1 Sensor 1)

Shorted high condition detected in the oxygen sensor 1/1 heater element control feedback sense circuit

P0033 Turbo Charger Bypass Valve Control Circuit  
P0034 Turbo Charger Bypass Valve Control Circuit Low  
P0035 Turbo Charger Bypass Valve Control Circuit High  
P0036 02 Sensor Heater Control Circuit (Bank 1 Sensor 2)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0037 02 Sensor Heater Control Circuit Low (Bank 1 Sensor 2)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0038 02 Sensor Heater Control Circuit High (Bank 1 Sensor 2)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0042 02 Sensor Heater Control Circuit (Bank 1 Sensor 3)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0043 02 Sensor Heater Control Circuit Low (Bank 1 Sensor 3)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0044 02 Sensor Heater Control Circuit High (Bank 1 Sensor 3)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0050 02 Sensor Heater Control Circuit (Bank 2 Sensor 1)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0051 02 Sensor Heater Control Circuit Low (Bank 2 Sensor 1)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0052 02 Sensor Heater Control Circuit High (Bank 2 Sensor 1)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0056 02 Sensor Heater Control Circuit (Bank 2 Sensor 2)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0057 02 Sensor Heater Control Circuit Low (Bank 2 Sensor 2)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0058 02 Sensor Heater Control Circuit High (Bank 2 Sensor 2)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0062 02 Sensor Heater Control Circuit High (Bank 2 Sensor 2)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0063 HO2S Heater Control Circuit Low (Bank 2 Sensor 3)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0064 HO2S Heater Control Circuit High (Bank 2 Sensor 3)

Shorted condition detected in the oxygen sensor heater element control feedback sense circuit.

P0065 Air Assisted Injector Control Range/Performance

P0066 Air Assisted Injector Control Circuit or Circuit Low

P0067 Air Assisted Injector Control Circuit High

P0068 Manifold Pressure/Throttle Position

Correlation MAP sensor signal does not correlate to throttle position sensor signal.  
Possible vacuum leak.

P0070 Ambient Temp Sensor Stuck

A rationality error has been detected in the ambient temperature sensor test.

P0071 (M) Ambient Temp Sensor Performance

Ambient change less than 3&deg; C in 200 miles.

P0072 Ambient Temp Sensor Low Input

Ambient temperature sensor input below the minimum acceptable voltage.

P0073 Ambient Temp Sensor High Input

Ambient temperature sensor input above the maximum acceptable voltage.

P0074 Ambient Air Temperature Sensor Circuit Intermittent

P0075 Intake Valve Control Solenoid Circuit (Bank 1)

P0076 Intake Valve Control Solenoid Circuit Low (Bank 1)

P0077 Intake Valve Control Solenoid Circuit High (Bank 1)

P0078 Exhaust Valve Control Solenoid Circuit (Bank 1)

P0079 Exhaust Valve Control Solenoid Circuit Low (Bank 1)

P0080 Exhaust Valve Control Solenoid Circuit High (Bank 1)

P0081 Intake valve Control Solenoid Circuit (Bank 2)

P0082 Intake Valve Control Solenoid Circuit Low (Bank 2)

P0083 Intake Valve Control Solenoid Circuit High (Bank 2)

P0084 Exhaust Valve Control Solenoid Circuit (Bank 2)

P0085 Exhaust Valve Control Solenoid Circuit Low (Bank 2)

P0086 Exhaust Valve Control Solenoid Circuit High (Bank 2)

P0100 Mass or Volume Air Flow Circuit

P0101 Mass or Volume Air Flow Circuit Range/Performance Problem

P0102 Mass or Volume Air Flow Circuit Low Input

P0103 Mass or Volume Air Flow Circuit High Input

P0104 Mass or Volume Air Flow Circuit Intermittent

P0105 Manifold Absolute Pressure/Barometric Pressure Circuit

P0106 (M)Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem

MAP sensor input voltage out of an acceptable range detected during reading of barometric pressure at key-on.

P0107 (M) Manifold Absolute Pressure/Barometric Pressure Circuit Low Input

MAP sensor input below minimum acceptable voltage.

P0108 (M) Manifold Absolute Pressure/Barometric Pressure Circuit High Input

MAP sensor input above maximum acceptable voltage.

P0109 Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent

P0110 Intake Air Temp Sensor Stuck

A rationality error has been detected for the intake air temperature sensor.

P0111 (M) Intake Air Temperature Circuit Range/Performance Problem

Air change less than 3Â° C in 200 miles.

P0112 (M) Intake Air Temperature Circuit Low Input

Intake air (charge) temperature sensor input below the minimum acceptable voltage.

P0113 (M) Intake Air Temperature Circuit High Input

Intake air (charge) temperature sensor input above the maximum acceptable voltage.

P0114 Intake Air Temperature Circuit Intermittent

P0115 Engine Coolant Temperature Circuit

P0116 Engine Coolant Temperature Circuit Range/Performance Problem

A rationality error has been detected in the coolant temperature sensor.

P0117 (M) Engine Coolant Temperature Circuit Low Input

Engine coolant temperature sensor input below the minimum acceptable voltage.

P0118 (M) Engine Coolant Temperature Circuit High Input

Engine coolant temperature sensor input above the maximum acceptable voltage.

P0119 Engine Coolant Temperature Circuit Intermittent

Engine coolant temperature sensor input above the maximum acceptable voltage.

P0120 Throttle/Pedal Position Sensor/Switch A Circuit

Engine coolant temperature sensor input above the maximum acceptable voltage.

P0121 (M) Throttle/Pedal Position Sensor/Switch A Circuit Range/Performance Problem

TPS signal does not correlate to MAP sensor signal.

P0121 (M) Accelerator Position Sensor (APPS)

APPS voltage input below the minimum acceptable voltage.

P0122 (M) Throttle/Pedal Position Sensor/Switch A Circuit Low Input

Throttle position sensor input below the acceptable voltage range.

P0122 (M) Accelerator Position Sensor (APPS) Signal Voltage Too Low

APPS voltage input below the minimum acceptable voltage.

P0123 (M) Throttle/Pedal Position Sensor/Switch A Circuit Intermittent

Throttle position sensor input above the maximum acceptable voltage.

P0123 (M) Accelerator Position Sensor (APPS) Signal Voltage Too High

APPS voltage input above the maximum acceptable voltage.

P0125 (M) Insufficient Coolant Temperature for Closed Loop Fuel Control

Time to enter Closed Loop Operation (Fuel Control) is excessive.

P0125 (M) Engine is Cold Too Long

Engine does not reach operating temperature.

P0126 Insufficient Coolant Temperature for Stable Operation

P0127 Intake Air Temperature Too High

P0128 Coolant Thermostat (Coolant Temperature Below Thermostat Regulating Temperature)

A rationality error has been detected for the thermostat.

P0129 Barometric Pressure Out-of-Range low

MAP sensor input voltage out of an acceptable range detected during reading of barometric pressure.

P0130 O2 Sensor Circuit (Bank 1 Sensor 1)

An open or shorted condition detected in the ASD or CNG shutoff relay control ckt.

P0131 (M) O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)

Oxygen sensor input voltage maintained below normal operating range.

P0132 (M) O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)

Oxygen sensor input voltage maintained above normal operating range.

P0133 (M) O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)

Oxygen sensor response slower than minimum required switching frequency.

P0134 (M) O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)

Neither rich or lean condition is detected from the oxygen sensor input.

P0135 (M) O2 Sensor Heater Circuit (Bank 1 Sensor 1)

Oxygen sensor heater element malfunction.

P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2)

An open or shorted condition detected in the ASD or CNG shutoff relay control ckt.

P0137 (M) O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)

Oxygen sensor input voltage maintained below normal operating range.

P0138 (M) O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)

Oxygen sensor input voltage maintained above normal operating range.

P0139 (M) OS Sensor Circuit Slow Response (Bank 1 Sensor 2)

Oxygen sensor response not as expected.

P0140 (M) O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)

Neither rich or lean condition is detected from the oxygen sensor.

P0141 (M) O2 Sensor Heater Circuit (Bank 1 Sensor 2)

Oxygen sensor heater element malfunction.

P0142 (M) Sensor Circuit Malfunction (Bank 1 Sensor 3)

Oxygen sensor heater element malfunction.

P0143 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 3)

Oxygen sensor input voltage maintained below normal operating range.

P0144 O2 Sensor Circuit High Voltage (Bank 1 Sensor 3)

Oxygen sensor input voltage maintained above normal operating range.

P0145 O2 Sensor Circuit Slow Response (Bank 1 Sensor 3)

Oxygen sensor response slower than minimum required switching frequency.

P0146 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)

Neither rich or lean condition is detected from the oxygen sensor.

P0147 O2 Sensor Heater Circuit (Bank 1 Sensor 3)

Oxygen sensor heater element malfunction.

P0148 Fuel Delivery Error

P0149 Fuel Timing Error

P0150 O2 Sensor Circuit (Bank 2 Sensor 1)

P0151 (M) O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1)

Oxygen sensor input voltage maintained below normal operating range.

P0152 (M) O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)

Oxygen sensor input voltage sustained above normal operating range.

P0153 (M) O2 Sensor Circuit Slow Response (Bank 2 Sensor 1)

Oxygen sensor response slower than minimum required switching frequency.

P0154 (M) O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)

Neither rich or lean condition is detected from the oxygen sensor.

P0155 (M) O2 Sensor Heater Circuit (Bank 2 Sensor 1)

Oxygen sensor heater element malfunction.

P0156 (M) O2 Sensor Circuit Malfunction (Bank 2 Sensor2)

Oxygen sensor heater element malfunction.

P0157 (M) O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)

Oxygen sensor input voltage maintained below normal operating range.

P0158 (M) O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)

Oxygen sensor input voltage maintained above normal operating range.

P0159 O2 Sensor Circuit Slow Response (Bank 2 Sensor 2)

Oxygen sensor response slower than minimum required switching frequency.

P0160 (M) O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)

Neither rich or lean condition is detected from the oxygen sensor.

P0161 (M) O2 Sensor Heater Circuit (Bank 2 Sensor 2)

Oxygen sensor heater element malfunction.

P0162 (M) O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)

Oxygen sensor heater element malfunction.

P0163 (M) O2 Sensor Circuit Low Voltage (Bank 2 Sensor 3)  
P0164 (M) O2 Sensor Circuit High Voltage (Bank 2 Sensor3)  
P0165 O2 Sensor Circuit Slow Response (Bank 2 Sensor 3)  
P0166 2 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)  
P0168 Fuel Temperature Too High  
P0169 Incorrect Fuel Composition  
P0170 Fuel Trim (Bank 1)  
P0171 (M) System too Lean (Bank 1)

A lean air/fuel mixture has been indicated by an abnormally rich correction factor.

P0172 (M) System too Rich (Bank 1)

A rich air/fuel mixture has been indicated by an abnormally lean correction factor.

P0173 (M) Fuel Trim Malfunction (Bank 2)  
P0174 (M) System too Lean (Bank 2)  
A lean air/fuel mixture has been indicated by an abnormally rich correction factor.

P0175 (M) System too Rich (Bank 2)

A rich air/fuel mixture has been indicated by an abnormally lean correction factor.

P0176 Fuel Composition Sensor Circuit

No calibration voltage present from flex fuel sensor.

P0177 Fuel Composition Sensor Circuit Range/Performance  
P0178 Fuel Composition Sensor Circuit Low Input

Flex fuel sensor input below minimum acceptable voltage.

P0178 Water in Fuel Light”Water In Fuel Sensor Voltage Too Low

Loss of water-in-fuel circuit or sensor.

P0179 Fuel Composition Sensor Circuit High Input

Flex fuel sensor input above maximum acceptable voltage.

P0180 Fuel Temperature Sensor A Circuit  
P0181 Fuel Temperature Sensor A Circuit Range/Performance  
P0182 (M) Fuel Temperature Sensor A Circuit Low Input

Compressed natural gas temperature sensor voltage below acceptable voltage

P0183 (M) Fuel Temperature Sensor A Circuit High Input

Compressed natural gas temperature sensor voltage above acceptable voltage

P0184 Fuel Temperature Sensor A Circuit Intermittent  
P0185 Fuel Temperature Sensor B Circuit  
P0186 Fuel Temperature Sensor B Circuit Range/Performance  
P0187 Fuel Temperature Sensor B Circuit Low Input  
P0188 Fuel Temperature Sensor B Circuit High Input

P0189 Fuel Temperature Sensor B Circuit Intermittent  
P0190 Fuel Rail Pressure Sensor Circuit  
P0191 Fuel Rail Pressure Sensor Circuit Range/Performance  
P0192 Fuel Rail Pressure Sensor Circuit Low Input  
P0193 Fuel Rail Pressure Sensor Circuit High Input  
P0194 Fuel Rail Pressure Sensor Circuit Intermittent  
P0195 Engine Oil Temperature Sensor  
P0196 Engine Oil Temperature Sensor Range/Performance  
P0197 Engine Oil Temperature Sensor Low  
P0198 Engine Oil Temperature Sensor High  
P0199 Engine Oil Temperature Sensor Intermittent  
P0200 Injector Circuit  
P0201 (M) Injector # 1 Control Circuit

An open or shorted condition detected in control circuit for Injector # 1 or the INJ 1 injector bank.

P0202 (M) Injector # 2 Control Circuit

An open or shorted condition detected in control circuit for Injector # 2 or the INJ 2 injector bank.

P0203 (M) Injector # 3 Control Circuit

An open or shorted condition detected in control circuit for Injector # 3 or the INJ 3 injector bank.

P0204 (M) Injector # 4 Control Circuit

Injector # 4 or INJ 4 injector bank output driver stage does not respond properly to the control signal.

P0205 (M) Injector # 5 Control Circuit

Injector # 5 output driver stage does not respond properly to the control signal.

P0206 (M) Injector # 6 Control Circuit

Injector # 6 output driver stage does not respond properly to the control signal.

P0207 (M) Injector # 7 Control Circuit

Injector # 7 output driver stage does not respond properly to the control signal.

P0208 (M) Injector # 8 Control Circuit

Injector # 8 output driver stage does not respond properly to the control signal.

P0209 (M) Injector # 9 Control Circuit

Injector # 9 output driver stage does not respond properly to the control signal.

P0210 (M) Injector # 10 Control Circuit

Injector # 10 output driver stage does not respond properly to the control signal.

P0211 Injector Circuit - Cylinder 11

P0212 Injector Circuit - Cylinder 12

P0213 Cold Start Injector 1

P0214 Cold Start Injector 2

P0215 Engine Shutoff Solenoid

P0216 (M) Injector/Injection Timing Control Circuit

P0217 Engine Coolant Over Temperature Condition

P0218 Transmission Fluid Over Temperature Condition

P0219 Engine Overspeed Condition

P0220 Throttle/Pedal Position Sensor/Switch B Circuit

P0221 Throttle/Pedal Position Sensor/Switch B Circuit Range/Performance Problem

P0222 (M) Throttle/Pedal Position Sensor/Switch B Circuit Low Input

P0223 (M) Throttle/Pedal Position Sensor/Switch B Circuit High Input

P0224 Throttle/Pedal Position Sensor/Switch B Circuit Intermittent

P0225 throttle/Pedal Position Sensor/Switch C Circuit

P0226 Throttle/Pedal Position Sensor/Switch C Circuit Range/Performance Problem

P0227 Throttle/Pedal Position Sensor/Switch C Circuit Low Input

P0228 Throttle/Pedal Position Sensor/Switch C Circuit High Input

P0229 Throttle/Pedal Position Sensor/Switch C Circuit Intermittent

P0230 Fuel Pump Primary Circuit

P0231 Fuel Pump Secondary Circuit Low

P0232 Fuel Pump Secondary Circuit High

P0233 Fuel Pump Secondary Circuit Intermittent

P0234 Turbo/Super Charger Overboost Condition

Manifold pressure reading above turbocharger over-boost limit detected during engine operation

P0235 Turbo/Super Charger Boost Sensor A Circuit

P0236 (M) Turbo/Super Charger Boost Sensor A Circuit Range/Performance

P0237 (M) Turbo/Super Charger Boost Sensor A Circuit Low

P0238 (M) Turbo/Super Charger Boost Sensor A Circuit High

P0239 Turbo/Super Charger Boost Sensor B Circuit

P0240 Turbo/Super Charger Boost Sensor B Circuit Range/Performance

P0241 Turbo/Super Charger Boost Sensor B Circuit Low  
P0242 Turbo/Super Charger Boost Sensor B Circuit High  
P0243 Turbo/Super Charger Wastegate Solenoid A

Open or shorted condition detected in the turbocharger wastegate solenoid control circuit.

P0244 Turbo/Super Charger Wastegate Solenoid A Range/Performance  
P0245 Turbo/Super Charger Wastegate Solenoid A Low  
P0246 Turbo/Super Charger Wastegate Solenoid A High  
P0247 Turbo/Super Charger Wastegate Solenoid B  
P0248 Turbo/Super Charger Wastegate Solenoid B Range/Performance  
P0249 Turbo/Super Charger Wastegate Solenoid B Low  
P0250 Turbo/Super Charger Wastegate Solenoid B High  
P0251 (M) Injection Pump Fuel Metering Control A (Cam/Rotor/Injector)  
P0252 (M) Injection Pump Fuel Metering Control A Range/Performance (Cam/Rotor/Injector)  
P0253 (M) Injection Pump Fuel Metering Control A Low (Cam/Rotor/Injector)  
P0254 Injection Pump Fuel Metering Control A High (Cam/Rotor/Injector)  
P0255 Injection Pump Fuel Metering Control A Intermittent (Cam/Rotor/Injector)  
P0256 Injection Pump Fuel Metering Control B (Cam/Rotor/Injector)  
P0257 Injection Pump Fuel Metering Control B Range/Performance (Cam/Rotor/Injector)  
P0258 Injection Pump Fuel Metering Control B Low (Cam/Rotor/Injector)  
P0259 Injection Pump Fuel Metering Control B High (Cam/Rotor/Injector)  
P0260 Injection Pump Fuel Metering Control B Intermittent (Cam/Rotor/Injector)  
P0261 Cylinder 1 Injector Circuit Low  
P0262 Cylinder 1 Injector Circuit High  
P0263 Cylinder 1 Contribution/Balance  
P0264 Cylinder 2 Injector Circuit Low  
P0265 Cylinder 2 Injector Circuit High  
P0266 Cylinder 2 Contribution/Balance  
P0267 Cylinder 3 Injector Circuit Low  
P0268 Cylinder 3 Injector Circuit High  
P0269 Cylinder 3 Contribution/Balance  
P0270 Cylinder 4 Injector Circuit Low  
P0271 Cylinder 4 Injector Circuit High  
P0272 Cylinder 4 Contribution/Balance  
P0273 Cylinder 5 Injector Circuit Low  
P0274 Cylinder 5 Injector Circuit High  
P0275 Cylinder 5 Contribution/Balance  
P0276 Cylinder 6 Injector Circuit Low  
P0277 Cylinder 6 Injector Circuit High  
P0278 Cylinder 6 Contribution/Balance  
P0279 Cylinder 7 Injector Circuit Low  
P0280 Cylinder 7 Injector Circuit High  
P0281 Cylinder 7 Contribution/Balance  
P0282 Cylinder 8 Injector Circuit Low  
P0283 Cylinder 8 Injector Circuit High  
P0284 Cylinder 8 Contribution/Balance

P0285 Cylinder 9 Injector Circuit Low  
P0286 Cylinder 9 Injector Circuit High  
P0287 Cylinder 9 Contribution/Balance  
P0288 Cylinder 10 Injector Circuit Low  
P0289 Cylinder 10 Injector Circuit High  
P0290 Cylinder 10 Contribution/Balance  
P0291 Cylinder 11 Injector Circuit Low  
P0292 Cylinder 11 Injector Circuit High  
P0293 Cylinder 11 Contribution/Balance  
P0294 Cylinder 12 Injector Circuit Low  
P0295 Cylinder 12 Injector Circuit High  
P0296 Cylinder 12 Contribution/Balance  
P0298 Engine Oil Over Temperature  
P0300 (M) Random/Multiple Cylinder Misfire Detected

Misfire detected in multiple Cylinders.

P0301 (M) Cylinder # 1 Misfire

Misfire detected in Cylinder # 1.

P0302 (M) Cylinder # 2 Misfire

Misfire detected in Cylinder # 2.

P0303 (M) Cylinder # 3 Misfire

Misfire detected in Cylinder # 3.

P0304 (M) Cylinder # 4 Misfire

Misfire detected in Cylinder # 4.

P0305 (M) Cylinder # 5 Misfire

Misfire detected in Cylinder # 5.

P0306 (M) Cylinder # 6 Misfire

Misfire detected in Cylinder # 6.

P0307 (M) Cylinder # 7 Misfire

Misfire detected in Cylinder # 7

P0308 (M) Cylinder # 8 Misfire

Misfire detected in Cylinder # 8.

P0309 (M) Cylinder # 9 Misfire

Misfire detected in Cylinder # 9.

P0310 (M) Cylinder # 10 Misfire

Misfire detected in Cylinder # 10.

P0311 (M) Cylinder # 10 Misfire

Misfire detected in Cylinder # 11.

P0311 (M) Cylinder # 12 Misfire

Misfire detected in Cylinder # 12.

P0313 (M) Misfire Detected with Low Fuel

P0314 (M) Single Cylinder Misfire (Cylinder not Specified)

P0315 No Crank Sensor Learned

Unable to learn the crank sensor signal in preparation for Misfire diagnostics.

P0320 No Crank Reference Signal at PCM

No reference signal (crankshaft position sensor) detected during engine cranking.

P0320 (M) No RPM Signal to PCM (Crankshaft Position Sensor Signal to JTEC)

A CKP signal has not been detected at the PCM.

P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance

P0322 Ignition/Distributor Engine Speed Input Circuit No Signal

P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent

P0324 Knock Control System Error

P0325 Knock Sensor 1 Circuit (Bank 1 or Single Sensor)

Knock sensor (# 1) signal above or below minimum acceptable threshold voltage at particular engine speeds.

P0326 Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)

P0327 Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)

P0328 Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)

P0329 Knock Sensor 1 Circuit Input Intermittent (Bank 1 or Single Sensor)

P0330 Knock Sensor 2 Circuit (Bank 2)

Circuit Knock sensor (# 2) signal above or below minimum acceptable threshold voltage at particular engine speeds.

P0335 Crankshaft Position Sensor Circuit

A rationality error has been detected for loss of crankshaft position sensor.

P0336 (M) Crankshaft Position (CKP) Sensor Signal

Problem with voltage signal from CKP.

P0339 Crankshaft Position Sensor Circuit Intermittent

A rationality error has been detected for intermittent loss of crankshaft position sensor.

P0340 (M) Camshaft Position Sensor A Circuit (Bank 1 or Single Sensor)

A rationality error has been detected for loss of camshaft position sensor (no fuel sync).

P0341 (M) Camshaft Position Sensor A Circuit Range/Performance (Bank 1 or Single Sensor)

P0342 (M) Camshaft Position Sensor A Circuit Low Input (Bank 1 or Single Sensor)

P0343 (M) Camshaft Position Sensor A Circuit High Input (Bank 1 or Single Sensor)

P0344 Camshaft Position Sensor A Circuit Intermittent (Bank 1 or Single Sensor)

A rationality error has been detected for intermittent loss of camshaft position sensor.

P0345 Camshaft Position Sensor A Circuit (Bank 2)

P0346 Camshaft Position Sensor A Circuit Range/Performance (Bank 2)

P0347 Camshaft Position Sensor A Circuit Low Input (Bank 2)

P0348 Camshaft Position Sensor A Circuit High Input (Bank 2)

P0349 Camshaft Position Sensor A Circuit Intermittent (Bank 2)

P0350 Ignition Coil Primary/Secondary Circuit

A coil (1-5) is drawing too much current.

P0351 (M) Ignition Coil A Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time.

P0352 (M) Ignition Coil B Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time.

P0353 (M) Ignition Coil C Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time.

P0354 (M) Ignition Coil D Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (High Impedance).

P0355 (M) Ignition Coil E Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (High Impedance).

P0356 (M) Ignition Coil F Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (high impedance).

P0357 (M) Ignition Coil G Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (high impedance).

P0358 (M) Ignition Coil H Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (high impedance).

P0359 Ignition Coil I Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (high impedance).

P0360 Ignition Coil J Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (high impedance).

P0361 Ignition Coil K Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (high impedance).

P0362 Ignition Coil L Primary/Secondary Circuit

Peak primary circuit current not achieved with maximum dwell time (high impedance).

P0365 Camshaft Position Sensor B Circuit (Bank 1)

P0366 Camshaft Position Sensor B Circuit Range/Performance (Bank 1)

P0367 Camshaft Position Sensor B Circuit Low Input (Bank 1)

P0368 Camshaft Position Sensor B Circuit High Input (Bank 1)

P0369 Camshaft Position Sensor B Circuit Intermittent (Bank 1)

P0370 Timing Reference High Resolution Signal A)

P0371 Timing Reference High Resolution Signal A Too Many Pulses

P0372 Timing Reference High Resolution Signal A Too Few Pulses

P0373 Timing Reference High Resolution Signal A Intermittent/Erratic Pulses

P0374 Timing Reference High Resolution Signal A No Pulse

P0375 Timing Reference High Resolution Signal B

P0376 Timing Reference High Resolution Signal B Too Many Pulses

P0377 Timing Reference High Resolution Signal B Too Few Pulses

P0378 Timing Reference High Resolution Signal B Intermittent/Erratic Pulses

P0379 Timing Reference High Resolution Signal B No Pulses

P0380 (M) Glow Plug/Heater Circuit A

P0381 (M) Glow Plug/Heater Indicator Circuit

P0382 (M) Glow Plug/Heater Circuit B

P0385 Crankshaft Position Sensor B Circuit

P0386 Crankshaft Position Sensor B Circuit Range/Performance

P0387 Crankshaft Position Sensor B Circuit Low Input  
P0388 Crankshaft Position Sensor B Circuit High Input  
P0389 Crankshaft Position Sensor B Circuit Intermittent  
P0390 Camshaft Position Sensor B Circuit (Bank 2)  
P0391 Camshaft Position Sensor B Circuit Range/Performance (Bank 2)  
P0392 Camshaft Position Sensor B Circuit Low Input (Bank 2)  
P0393 Camshaft Position Sensor B Circuit High Input (Bank 2)  
P0394 Camshaft Position Sensor B Circuit Intermittent (Bank 2)  
P0400 Diesel EGR System Failure

Diesel EGR control module not active or a fault condition of the dedicated EGR sensors and/or EGR solenoid was detected by the EGR control

P0401 (M) EGR System Failure

Required change in air/fuel ration not detected during diagnostic test.

P0402 (M) Exhaust Gas Recirculation Flow Excessive Detected  
P0403 (M) EGR Solenoid Circuit

An open or shorted condition detected in the EGR solenoid control circuit.

P0404 (M) Exhaust Gas Recirculation Control Circuit Range/Performance

EGR position sensor signal does not correlate to EGR duty cycle.

P0405 (M) Exhaust Gas Recirculation Sensor A Circuit Low

EGR position sensor input below the acceptable voltage range.

P0406 (M) Exhaust Gas Recirculation Sensor A Circuit High

EGR position sensor input above the acceptable voltage range.

P0407 Exhaust Gas Recirculation Sensor B Circuit Low  
P0408 Exhaust Gas Recirculation Sensor B Circuit High  
P0409 Exhaust Gas Recirculation Sensor A Circuit  
P0410 Secondary Air Injection System  
P0411 Secondary Air Injection System Incorrect Flow Detected  
P0412 Secondary Air Injection System Switching Valve A Circuit

An open or shorted condition detected in the secondary air (air switching/aspirator) solenoid control circuit.

P0413 Secondary Air Injection System Switching Valve A Circuit Open  
P0414 Secondary Air Injection System Switching Valve A Circuit Shorted  
P0415 Secondary Air Injection System Switching Valve B Circuit  
P0416 Secondary Air Injection System Switching Valve B Circuit Open  
P0417 Secondary Air Injection System Switching Valve B Circuit Shorted

P0418 Secondary Air Injection System Relay A Circuit  
P0419 Secondary Air Injection System Relay B Circuit  
P0420 (M) Catalyst System Efficiency Below Threshold (Bank 1)

Catalyst 1/1 efficiency below required level.

P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)  
P0422 Main Catalyst Efficiency Below Threshold (Bank 1)  
P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)  
P0424 Heated Catalyst Efficiency Below Threshold (Bank 1)  
P0425 Catalyst Temperature Sensor (Bank 1)  
P0426 Catalyst Temperature Sensor Range/Performance (Bank 1)  
P0427 Catalyst Temperature Sensor Low Input (Bank 1)  
P0428 Catalyst Temperature Sensor High Input (Bank 1)  
P0429 Catalyst Heater Control Circuit (Bank 1)  
P0430 Catalyst System Efficiency Below Threshold (Bank 2)  
P0431 Warm Up Catalyst Efficiency Below Threshold (Bank 2)  
P0432 (M) Main Catalyst Efficiency Below Threshold (Bank 2)

Catalyst 2/1 efficiency below required level.

P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)  
P0434 Heated Catalyst Temperature Below Threshold (Bank 2)  
P0435 Catalyst Temperature Sensor (Bank 2)  
P0436 Catalyst Temperature Sensor Range/Performance (Bank 2)  
P0436 Catalyst Temperature Sensor Low Input (Bank 2)  
P0438 Catalyst Temperature Sensor High Input (Bank 2)  
P0439 Catalyst Heater Control Circuit (Bank 2)  
P0439 Evaporative Emission Control System  
P0441 (M) Evaporative Emission Control System Incorrect Purge Flow

Insufficient or excessive vapor flow detected during evaporative emission system operation.

P0442 (M) Evaporative Emission Control System Leak Detected (medium leak)

A 0.040 leak has been detected in the evaporative system. (A faulty gas cap may cause this code). Also see TSB 25-001-02A

P0443 (M) Evaporative Emission Control System Purge Control Valve Circuit

An open or shorted condition detected in the EVAP purge solenoid control circuit.

P0444 Evaporative Emission Control System Purge Control Valve Circuit Open  
P0445 Evaporative Emission Control System Purge Control Valve Circuit Shorted  
P0446 Evaporative Emission Control System Vent Control Circuit  
P0447 Evaporative Emission Control System Vent Control Circuit Open  
P0448 Evaporative Emission Control System Vent Control Circuit Shorted  
P0449 Evaporative Emission Control System Vent Valve/Solenoid Circuit  
P0450 Evaporative Emission Control System Pressure Sensor

P0451 Evaporative Emission Control System Pressure Sensor Range/Performance  
P0452 Evaporative Emission Control System Pressure Sensor Low Input NVLD  
pressure switch stuck closed.

P0453 Evaporative Emission Control System Pressure Sensor High Input NVLD  
pressure switch stuck open.

P0454 Evaporative Emission Control System Pressure Sensor Intermittent  
P0455 (M)Evaporative Emission Control System Leak Detected (large leak)

A large leak has been detected in the evaporative system. See TSB 25-001-02. Also,  
possible faulty or loose gas cap.

P0456 (M) Evaporative Emission Control System Leak Detected (very small leak)

A 0.020 leak has been detected in the evaporative system. See TSB's 25-001-02A, 18-  
002-03 and 25-004-01.

P0457 Evaporative Emission Control System Leak Detected (fuel cap loose/off)

A 0.020 leak has been detected in the evaporative system.

P0460 Fuel Level Unit No Change Over Miles

During low fuel.

P0460 Fuel Level Unit No Change Over Miles

Fuel level sending unit voltage does not change for more than 40 miles.

P0461 Fuel Level Sensor Circuit Range/Performance

No level of fuel level sender detected.

P0462 (M) Fuel Level Sending Unit Volts Too Low

Fuel level sensor input below acceptable voltage.

P0462 (M) Fuel Level Sending Unit Volts Too Low

Open circuit between PCM and fuel gauge sending unit.

P0463 (M) Fuel Level Sending Unit Volts Too High

Fuel level sensor input above acceptable voltage.

P0463 Fuel Level Sending Unit Volts Too High

Circuit shorted to voltage between PCM and fuel gauge sending unit.

P0464 Fuel Level Sensor Circuit Intermittent  
P0465 EVAP Purge Flow Sensor Circuit  
P0466 EVAP Purge Flow Sensor Circuit Range/Performance  
P0467 EVAP Purge Flow Sensor Circuit Low Input  
P0468 EVAP Purge Flow Sensor Circuit High Input  
P0469 EVAP Purge Flow Sensor Circuit Intermittent  
P0470 Exhaust Pressure Sensor  
P0471 Exhaust Pressure Sensor Range/Performance  
P0472 Exhaust Pressure Sensor Low  
P0473 Exhaust Pressure Sensor High  
P0474 Exhaust Pressure Sensor Intermittent  
P0475 Exhaust Pressure Control Valve  
P0476 Exhaust Pressure Control Valve Range/Performance  
P0477 Exhaust Pressure Control Valve Low  
P0478 Exhaust Pressure Control Valve High  
P0479 Exhaust Pressure Control Valve Intermittent  
P0480 Cooling Fan 1 Control Circuit

An open or shorted condition detected in the low speed radiator fan relay control circuit.

P0481 Cooling Fan 2 Control Circuit

An open or shorted condition detected in the high speed radiator fan relay control circuit.

P0482 Cooling Fan 3 Control Circuit  
P0483 Cooling Fan Rationality Check  
P0484 Cooling Fan Circuit Over Current  
P0485 Cooling Fan Power/Ground Circuit  
P0486 Exhaust Gas Recirculation Sensor B Circuit  
P0487 Exhaust Gas Recirculation Throttle Position Control Circuit  
P0488 Exhaust Gas Recirculation Throttle Position Control Range/Performance  
P0491 Secondary Air Injection System (Bank 1)  
P0492 Secondary Air Injection System (Bank 2)  
P0498 NVLD Canister Vent Valve Solenoid Circuit Low

A shorted low condition detected in NVLD solenoid circuit.

P0499 NVLD Canister Vent Valve Solenoid Circuit High

A shorted high condition detected in NVLD solenoid circuit.

P0500 (M) No Vehicle Speed Sensor Signal

No vehicle speed sensor signal detected during road load conditions.

P0500 (M) No Vehicle Speed Sensor Signal

A vehicle speed signal was not detected.

P0501 Vehicle Speed Sensor # 1 Performance

A rationality error has been detected for no vehicle speed sensor signal detected during road load conditions.

P0502 Vehicle Speed Sensor Circuit Low Input  
P0503 Vehicle Speed Sensor Intermittent/Erratic/High  
P0505 (M) Idle Air Control Motor Circuits

Replace idle air control motor.

P0506 Idle Control System RPM Lower Than Expected  
P0507 Idle Control System RPM Higher Than Expected  
P0508 (M) Idle Air Control Motor Circuit Low

Idle Air Control Motor Circuit input below acceptable current.

P0509 (M) Idle Air Control Motor Circuit High

Idle Air Control Motor Circuit input above acceptable current.

P0510 Closed Throttle Position Switch  
P0511 Idle Air Control Valve Solenoid Circuit

An open or shorted condition detected in the IAC control circuit.

P0512 Starter Request Circuit  
P0513 Invalid SKIM Key

The engine controller has received an invalid key from the Smart Key Immobilizer Module.

P0515 Battery Temperature Sensor Circuit  
P0516 Battery Temperature Sensor Low

Battery temperature sensor input is below minimum acceptable voltage.

P0517 Battery Temperature Sensor High

Battery temperature sensor input above maximum acceptable voltage.

P0519 Idle Speed Performance

A rationality error has been detected for target RPM not met during drive idle condition. Possible Vacuum leak or IAC lost steps.

P0520 Engine Oil Pressure Sensor/Switch Circuit  
P0521 Engine Oil Pressure Sensor/Switch Range/Performance  
P0522 Oil Pressure Sensor Low

Oil pressure sensor input below acceptable voltage.

P0523 Oil Pressure Sensor High

Oil pressure sensor input above acceptable voltage.

P0524 Engine Oil Pressure Too Low

P0530 A/C Refrigerant Pressure Sensor Circuit

P0531 A/C Refrigerant Pressure Sensor Circuit Range/Performance

P0532 A/C Refrigerant Pressure Sensor Circuit Low Input

A/C pressure sensor input below the minimum acceptable voltage.

P0533 A/C Refrigerant Pressure Sensor Circuit High Input

A/C pressure sensor input above the maximum acceptable voltage.

P0534 Air Conditioner Refrigerant Charge Loss

P0540 Intake Air Heater Circuit

P0541 Intake Air Heater Circuit Low

P0542 Intake Air Heater Circuit High

P0544 Exhaust Gas Temperature Sensor Circuit (Bank 1)

P0545 Exhaust Gas Temperature Sensor Circuit Low (Bank 1)

P0546 Exhaust Gas Temperature Sensor Circuit High (Bank 1)

P0547 Exhaust Gas Temperature Sensor Circuit (Bank 2)

P0548 Exhaust Gas Temperature Sensor Circuit Low (Bank 2)

P0549 Exhaust Gas Temperature Sensor Circuit High (Bank 2)

P0550 Power Steering Pressure Sensor Circuit

P0551 (M) Power Steering Pressure Sensor Circuit Range/Performance

Incorrect input state detected for the power steering switch circuit (for PL, high pressure seen at high speed)

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 Voltage

P0561 System Voltage Unstable

P0562 Battery Voltage Low

Battery voltage sensor input below the minimum acceptable voltage.

P0563 Battery Voltage High

Battery voltage sensor input above the maximum acceptable voltage.

P0564 Cruise Control Multi-Function Input Signal

P0565 Cruise Control On Signal

P0566 Cruise Control Off Signal

P0567 Cruise Control Resume Signal  
P0568 Cruise Control Set Signal  
P0569 Cruise Control Coast Signal  
P0570 Cruise Control Accelerate Signal  
P0571 Cruise Control/Brake Switch A Circuit  
P0572 Cruise Control/Brake Switch A Circuit Low  
P0573 Cruise Control/Brake Switch A Circuit High  
P0574 Cruise Control System - Vehicle Speed Too High  
P0575 Cruise Control Input Circuit  
P0576 Cruise Control Input Circuit Low  
P0577 Cruise Control Input Circuit High  
P0578 Reserved for Cruise Control Codes  
P0579 Speed Control Switch # 1 Performance

Cruise switch stuck in a valid voltage range.

P0580 Speed Control Switch # 1 Low

Speed control switch input below minimum acceptable voltage.

P0581 Speed Control Switch # 1 High

Speed control switch input above maximum acceptable voltage.

P0582 Speed Control Vacuum Solenoid Circuit

An open or shorted condition detected in speed control Vacuum solenoid control circuit.

P0586 Speed Control Vent Solenoid Circuit

An open or shorted condition detected in speed control vent solenoid control circuit.

P0594 Speed Control Servo Power Circuit

An open or shorted condition open/short condition detected in the speed control servo power control circuit.

P0600 (M) PCM Failure SPI Communications

No communication detected between co-processors in the control module.

P0601 (M) Internal Controller Failure

Internal control module fault condition (check sum) detected.

P0602 (M) Control Module Programming Error

P0603 Internal Control Module Keep Alive Memory (KAM) Error

P0604 Internal Transmission Controller

Transmission control module RAM self-test fault detected. -Asian transmission.

P0605 Internal Transmission Controller

Transmission control module ROM self-test fault detected -Asian transmission.

P0606 (M) ECM/PCM Processor  
P0607 Control Module Performance  
P0608 Control Module VSS Output A  
P0609 Control Module VSS Output B  
P0610 Control Module Vehicle Options Error  
P0615 Starter Relay Circuit

Open or shorted condition detected in the starter relay control circuit.

P0616 Starter Relay Circuit Low  
P0617 Starter Relay Circuit High  
P0618 Alternative Fuel Control Module KAM Error  
P0619 Alternative Fuel Control Module RAM/ROM Error  
P0620 Generator Control Circuit  
P0621 Generator Lamp L Terminal Control Circuit  
P0622 (G) Generator Field Not Switching Properly

An open or shorted condition detected in the generator field control circuit.

P0623 Generator Lamp Control Circuit  
P0624 Fuel Cap Lamp Control Circuit  
P0627 Fuel Pump Relay Circuit

An open or shorted condition detected in the fuel pump relay control circuit.

P0630 VIN Not Programmed

In PCM VIN is not programmed in the control module EEPROM.

P0631 VIN Not Programmed or Mismatch - TCM  
P0632 Odometer Not Programmed

In PCM Odometer is not programmed in the control module EEPROM.

P0633 SKIM Key Not Programmed

In PCM SKIM secret key is not programmed in the control module EEPROM.

P0635 Power Steering Control Circuit  
P0636 Power Steering Control Circuit Low  
P0637 Power Steering Control Circuit High  
P0638 Throttle Actuator Control Range/Performance (Bank 1)  
P0639 Throttle Actuator Control Range/Performance (Bank 2)  
P0640 Intake Air Heater Control Circuit  
P0645 A/C Clutch Relay Circuit

An open or shorted condition detected in the A/C clutch relay control circuit.

P0646 A/C Clutch Relay Control Circuit Low  
P0647 A/C Clutch Relay Control Circuit High  
P0648 Immobiliser Lamp Control Circuit (Immobiliser pending SAE J1930 approval)  
P0649 Speed Control Lamp Control Circuit  
P0650 Malfunction Indicator Lamp (MIL) Control Circuit  
P0654 Engine RPM Output Circuit  
P0655 Engine Hot Lamp Output Control Circuit  
P0656 Fuel Level Output Circuit  
P0660 Intake Manifold Tuning Valve Control Circuit (Bank 1)

An open or shorted condition detected in the manifold tuning valve solenoid control circuit.

P0661 Intake Manifold Tuning Valve Control Circuit Low (Bank 1)  
P0662 Intake Manifold Tuning Valve Control Circuit High (Bank 1)  
P0663 Intake Manifold Tuning Valve Control Circuit (Bank 2)  
P0664 Intake Manifold Tuning Valve Control Circuit Low (Bank 2)  
P0665 Intake Manifold Tuning Valve Control Circuit High (Bank 2)  
P0685 ASD Relay Control Circuit

An open or shorted condition detected in the ASD relay control circuit.

P0688 ASD Relay Sensor Circuit Low

ASD voltage sensed when ASD relay is energized or ASD voltage not sensed when ASD relay is not energized.

P0700 (M) Check Transmission DTC's

This code indicates that the EATX (Transmission controller) has an active fault and has illuminated the MIL via a BUS message. The specific fault must be acquired from the EATX via a DRBIII tool. (Input or Output Speed Sensor failures often cause this code and are a common failure part on WJ Grand Cherokees).

P0701 Transmission Control System Range/Performance  
P0702 Transmission Control System Electrical  
P0703 (M) Brake Switch Stuck Pressed or Released

Incorrect input state detected in the brake switch circuit. (Changed from P1595).

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

P0711 (M) Transmission Temperature Sensor No Temperature Rise After Start

Relationship between the transmission temperature and overdrive operation and or TCC operation indicates a failure of the Transmission Temperature Sensor - OBDII Rationality.

P0712 (M) Transmission Temperature Sensor Voltage Too Low

Transmission fluid temperature sensor input below acceptable voltage.

P0713 Transmission Temperature Sensor Voltage Too High

Transmission fluid temperature sensor input above acceptable voltage. Was MIL code 37.

P0713 (M) Transmission Temperature Sensor Voltage Too High

Voltage greater than 3.76 volts (4-speed auto. trans. only).

P0714 Transmission Fluid Temperature Sensor Circuit Intermittent

P0715 Input/Turbine Speed Sensor Circuit

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 (M) Low Output SPD Sensor RPM Above 15 MPH

The relationship between the Output Shaft Speed Sensor and vehicle speed is not within acceptable limits.

P0720 (M) Low Output SPD Sensor RPM Above 15 MPH

Output shaft speed is less than 60 rpm with vehicle speed above 15 mph (4-speed auto. trans. only).

P0721 Output Speed Sensor Circuit Range/Performance

P0722 Output Speed Sensor Circuit No Signal

P0723 Output Speed Sensor Circuit Intermittent

P0724 Torque Converter/Brake Switch B Circuit High

P0725 Engine Speed Input Circuit

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 Ratio

P0737 TCM Engine Speed Output Circuit  
P0738 TCM Engine Speed Output Circuit Low  
P0739 TCM Engine Speed Output Circuit High  
P0740 (M) Torque Con Clu No RPM Drop at Lockup

Relationship between engine and vehicle speeds indicated failure of torque convertor clutch lock-up system (TCC/PTU sol).

P0743 (M) Torque Converter Clutch Solenoid/Transmission Relay Circuits

An open or shorted condition detected in the torque converter clutch (part throttle unlock) solenoid control circuit. Shift solenoid C electrical fault - Asian transmission.

P0743 (M) Torque Converter Clutch Solenoid/Transmission Relay Circuits

An open or shorted condition detected in the torque converter part throttle unlock solenoid control circuit (3 or 4-speed auto. trans. only).

P0744 Torque Converter Clutch Circuit Intermittent

P0745 Pressure Control Solenoid A

P0746 Pressure Control Solenoid A Performance or Stuck Off

P0747 Pressure Control Solenoid A Stuck On

P0748 (M) Governor Pressure Solenoid Control/Transmission Relay Circuits

An open or shorted condition detected in the Governor Pressure Solenoid circuit or Transmission Relay Circuit in JTEC RE transmissions.

P0748 (M) Governor Pressure Solenoid Control/Transmission Relay Circuits

An open or shorted condition detected in the governor pressure solenoid or relay circuits (4-speed auto. trans. only).

P0749 Pressure Control Solenoid A Intermittent

P0750 Shift Solenoid A

P0751 (M) O/D Switch Pressed (Lo) More Than 5 Minutes

Overdrive Off switch input too low for more than 5 minutes (4-speed auto. trans. only).

P0752 Shift Solenoid A Stuck On

P0753 (M) Transmission 3-4 Shift Sol/Transmission Relay Circuits

An open or shorted condition detected in the overdrive solenoid control circuit or Transmission Relay Circuit in JTEC RE transmissions.

P0753 (M) Transmission 3-4 Shift Sol/Transmission Relay Circuits

An open or shorted condition detected in the transmission 2-4 shift solenoid circuit (4-speed auto. trans. only).

P0754 Shift Solenoid A Intermittents

P0755 Shift Solenoid B  
P0756 AW4 Shift Sol B (2-3) Functional Failure

Shift solenoid B (2-3) functional fault - Asian transmission.

P0757 Shift Solenoid B Stuck On  
P0758 Shift Solenoid B Electrical  
P0759 Shift Solenoid B Intermittent  
P0760 Shift Solenoid C  
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  
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  
P0771 Shift Solenoid E Performance or Stuck Off  
P0772 Shift Solenoid E Stuck On  
P0773 Shift Solenoid E Electrical  
P0774 Shift Solenoid E Intermittent  
P0775 Pressure Control Solenoid B  
P0776 Pressure Control Solenoid B Performance or Stuck off  
P0777 Pressure Control Solenoid B Stuck On  
P0778 Pressure Control Solenoid B Electrical  
P0779 Pressure Control Solenoid B Intermittent  
P0780 Shift  
P0781 1-2 Shift  
P0782 2-3 Shift  
P0783 3-4 Shift Sol

No RPM Drop at Lockup

P0784 4-5 Shift  
P0785 Shift/Timing Solenoid  
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  
P0791 Intermediate Shaft Speed Sensor Circuit  
P0792 Intermediate Shaft Speed Sensor Circuit Range/Performance  
P0793 Intermediate Shaft Speed Sensor Circuit No Signal  
P0794 Intermediate Shaft Speed Sensor Circuit Intermittent  
P0795 Pressure Control Solenoid C  
P0796 Pressure Control Solenoid C Performance or Stuck off  
P0797 Pressure Control Solenoid C Stuck On  
P0798 Pressure Control Solenoid C Electrical

P0799 Pressure Control Solenoid C Intermittent  
P0801 Reverse Gear Lockout Circuit Open or Short

An open or shorted condition detected in the transmission reverse gear lock-out solenoid control circuit.

P0803 1-4 Upshift (Skip Shift) Solenoid Control Circuit  
P0804 1-4 Upshift (Skip Shift) Lamp Control Circuit  
P0805 Clutch Position Sensor Circuit  
P0806 Clutch Position Sensor Circuit Range/Performance  
P0807 Clutch Position Sensor Circuit Low  
P0808 Clutch Position Sensor Circuit High  
P0809 Clutch Position Sensor Circuit Intermittent  
P0810 Clutch Position Control Error  
P0811 Excessive Clutch Slippage  
P0812 Reverse Input Circuit  
P0813 Reverse Output Circuit  
P0814 Transmission Range Display Circuit  
P0815 Upshift Switch Circuit  
P0816 Downshift Switch Circuit  
P0817 Starter Disable Circuit  
P0818 Driveline Disconnect Switch Input Circuit  
P0820 Gear Lever X-Y Position Sensor Circuit  
P0821 Gear Lever X Position Circuit  
P0822 Gear Lever Y Position Circuit  
P0823 Gear Lever X Position Circuit Intermittent  
P0824 Gear Lever Y Position Circuit Intermittent  
P0825 Gear Lever Push-Pull Switch (Shift Anticipate)  
P0830 Clutch Pedal Switch A Circuit  
P0831 Clutch Pedal Switch A Circuit Low  
P0832 Clutch Pedal Switch A Circuit High  
P0833 Clutch Upstop Switch Performance

Rationality error detected for clutch upstop switch performance.

P0834 Clutch Pedal Switch B Circuit Low  
P0835 Clutch Pedal Switch B Circuit High

P0836 Four Wheel Drive (4WD) Switch Circuit

Four wheel drive (4WD) muxed switch input detected below minimum or above maximum acceptable voltage (switch status provided to engine module from transfer case module during 4WD low gear engagements)

P0837 Four Wheel Drive (4WD) Switch Circuit Range/Performance

Four wheel drive (4WD) muxed switch input detected in invalid or irrational switch state (switch status provided to engine module from transfer case module during 4WD low gear engagements)

P0838 Four Wheel Drive (4WD) Switch Circuit Low  
P0839 Four Wheel Drive (4WD) Switch Circuit High  
P0840 Transmission Fluid Pressure Sensor/Switch A Circuit  
P0841 Transmission Fluid Pressure Sensor/Switch A Circuit Range/Performance  
P0842 Transmission Fluid Pressure Sensor/Switch A Circuit Low  
P0843 Transmission Fluid Pressure Sensor/Switch A Circuit High  
P0844 Transmission Fluid Pressure Sensor/Switch A Circuit Intermittent  
P0845 Transmission Fluid Pressure Sensor/Switch B Circuit  
P0846 Transmission Fluid Pressure Sensor/Switch B Circuit Range/Performance  
P0847 Transmission Fluid Pressure Sensor/Switch B Circuit Low  
P0848 Transmission Fluid Pressure Sensor/Switch B Circuit High  
P0849 Transmission Fluid Pressure Sensor/Switch B Circuit Intermittent  
P0850 Park/Natural Switch Performance

A rationality error has been detected for park/neutral switch performance.

P1105 Baro Read Solenoid Circuit

Open or shorted condition detected in the baro read solenoid control circuit.

P1110 Decrease Engine Performance Due To High Intake Air Temperature  
P1115 General Temperature Rationality

General temperature sensor rationality error.

P1180 Decrease Engine Performance Due To High Injection Pump Fuel Temp  
P1192 (M) Inlet Air Temperature Circuit Low

Inlet Air Temperature sensor input below acceptable voltage

P1193 (M) Inlet Air Temperature Circuit High

Inlet Air Temperature sensor input above acceptable voltage.

P1194 PWM O2 Heater Performance

Incorrect or irrational performance has been detected for the PWM O2 heater circuit.

P1195 (M) 1/1 O2 Sensor Slow During Catalyst Monitor

A slow switching oxygen sensor has been detected in bank 1/1 during catalyst monitor test. (Also see SCI DTC \$66) (was P0133)

P1196 (M) 2/1 O2 Sensor Slow During Catalyst Monitor

A slow switching oxygen sensor has been detected in bank 2/1 during catalyst monitor test. (was P0153)

P1197 1/2 O2 Sensor Slow During Catalyst Monitor

A slow switching oxygen sensor has been detected in bank 1/2 during catalyst monitor test. (was P0139)

P1198 Radiator Temperature Sensor Volts Too High

Radiator coolant temperature sensor input above the maximum acceptable voltage.

P1199 Radiator Temperature Sensor Volts Too Low

Radiator coolant temperature sensor input below the minimum acceptable voltage.

P1243 Surge Valve Solenoid Circuit

Open or shorted condition detected in the turbocharger surge valve solenoid control circuit

P1280 Fuel System Relay Circuit

P1281 Engine is Cold Too Long

Engine coolant temperature remains below normal operating temperatures during vehicle travel (Thermostat).

P1282 Fuel Pump Relay Control Circuit

An open or shorted condition detected in the fuel pump relay control circuit.

P1283 Idle Select Signalk Invalid

P1284 (M) Fuel Injection Pump Battery Voltage Out-Of-Range

P1285 Fuel Injection Pump Controller Always On

P1286 Accelerator Position Sensor Supply Voltage Too High

P1287 (M) Fuel Injection Pump Controller Supply Voltage Low

P1288 Intake Manifold Short Runner Solenoid Circuit

An open or shorted condition detected in the short runner tuning valve circuit.

P1289 Manifold Tune Valve Solenoid Circuit

An open or shorted condition detected in the manifold tuning valve solenoid control circuit.

P1290 CNG Fuel System Pressure Too High

Compressed natural gas system pressure above normal operating range.

P1291 (M) No Temp Rise Seen From Intake Heaters

Energizing Heated Air Intake does not change intake air temperature sensor an acceptable amount.

P1291 (M) No Temp Rise Seen From Intake Heaters

Problem detected in intake manifold air heating system.

P1292 CNG Pressure Sensor Voltage Too High

Compressed natural gas pressure sensor reading above acceptable voltage.

P1293 CNG Pressure Sensor Voltage Too Low

Compressed natural gas pressure sensor reading below acceptable voltage.

P1294 (M) Target Idle Not Reached

Target RPM not achieved during drive idle condition. Possible vacuum leak or IAC (AIS) lost steps.

P1295 (M) No 5 Volts to TP Sensor

Loss of a 5 volt feed to the Throttle Position Sensor has been detected.

P1295 (M) Accelerator Position Sensor (APPS) Supply Voltage Too Low

APPS supply voltage input below the minimum acceptable voltage.

P1296 No 5 Volts to MAP Sensor

Loss of a 5 volt feed to the MAP Sensor has been detected.

P1297 (M) No Change in MAP From Start To Run

No difference is recognized between the MAP reading at engine idle and the stored barometric pressure reading.

P1298 Lean Operation at Wide Open Throttle

A prolonged lean condition is detected during Wide Open Throttle.

P1299 (M) Vacuum Leak Found (IAC Fully Seated)

MAP Sensor signal does not correlate to Throttle Position Sensor signal. Possible vacuum leak.

P1388 Auto Shutdown Relay Control Circuit

An open or shorted condition detected in the ASD or CNG shutoff relay control ckt.

P1388 Auto Shutdown Relay Control Circuit

An open or shorted condition detected in the auto shutdown relay circuit.

P1389 (M) No ASD Relay Output Voltage At PCM

No Z1 or Z2 voltage sensed when the auto shutdown relay is energized.

P1389 (M) No ASD Relay Output Voltage At PCM

An open condition detected In the ASD relay output circuit.

P1390 (M) Timing Belt Skipped 1 Tooth or More

Relationship between Cam and Crank signals not correct.

P1391 (M) Intermittent Loss of CMP or CKP

Loss of the Cam Position Sensor or Crank Position sensor has occurred. For PL 2.0L

P1398 (M) Mis-Fire Adaptive Numerator at Limit

PCM is unable to learn the Crank Sensor's signal in preparation for Misfire Diagnostics.  
Probable defective Crank Sensor.

P1399 Wait To Start Lamp Circuit

An open or shorted condition detected in the Wait to Start Lamp circuit.

P1403 No 5 Volts to EGR Sensor

Loss of 5v feed to the EGR position sensor.

P1475 Aux 5 Volt Supply Voltage High

P1476 Too Little Secondary Air

Insufficient flow of secondary air injection detected during aspirator test.(was P0411)

P1477 Too Much Secondary Air

Excessive flow of secondary air injection detected during aspirator test (was P0411).

P1478 (M) Battery Temp Sensor Volts Out of Limit

Internal temperature sensor input voltage out of an acceptable range.

P1479 Transmission Fan Relay Circuit

An open or shorted condition detected in the transmission fan relay circuit.

P1480 PCV Solenoid Circuit

An open or shorted condition detected in the PCV solenoid circuit.

P1481 EATX RPM Pulse Performance

ETAX RPM pulse generator signal for Misfire detection does not correlate with expected value.

P1482 Catalyst Temperature Sensor Circuit Shorted Low

Catalyst temperature sensor circuit shorted low.

P1483 Catalyst Temperature Sensor Circuit Shorted High

Catalyst temperature sensor circuit shorted high.

P1484 Catalytic Converter Overheat Detected

A catalyst overheat condition has been detected by the catalyst temperature sensor.

P1485 Air Injection Solenoid Circuit

An open or shorted condition detected in the air assist solenoid circuit.

P1486 (M) Evap Leak Monitor Pinched Hose Found

LDP has detected a pinched hose in the evaporative hose system.

P1487 High-Speed Radiator Fan CTRL Relay Circuit

An open or shorted condition detected in the control circuit of the # 2 high-speed radiator fan control relay.

P1488 Auxiliary 5 Volt Supply Output Too Low

Auxiliary 5 volt sensor feed is sensed to be below an acceptable limit.

P1488 Auxiliary 5 Volt Supply Output Too Low

Sensor supply voltage for ECM sensors is too low.

P1489 (M) High Speed Fan CTRL Relay Circuit

An open or shorted condition detected in the control circuit of the high-speed radiator fan control relay.

P1490 (M) Low Speed Fan CTRL Relay Circuit

An open or shorted condition detected in control circuit of the low-speed radiator fan control relay.

#### P1491 Radiator Fan Control Relay Circuit

An open or shorted condition detected in the radiator fan control relay control circuit.  
This includes PWM solid state relays.

#### P1492 Ambient/Battery Temperature Sensor Volts Too High

External temperature sensor input above acceptable voltage.

#### P1492 (M or G) Ambient/Battery Temperature Sensor Volts Too High

Battery temperature sensor input voltage above an acceptable range.

#### P1493 (M or G) Ambient/Battery Temperature Sensor Volts Too Low

External temperature sensor input below acceptable voltage.

#### P1493 (M or G) Ambient/Battery Temperature Sensor Volts Too Low

Battery temperature sensor input voltage below an acceptable range.

#### P1494 (M) Leak Detection Pump Sw or Mechanical Fault

Incorrect input state detected for the Leak Detection Pump (LDP) pressure switch.

#### P1495 (M) Leak Detection Pump Solenoid Circuit

An open or shorted condition detected in the Leak Detection Pump (LDP) solenoid circuit.

#### P1496 (M) 5 Volt Supply

Output Too Low

#### P1498 High Speed Radiator Fan Ground CTRL Relay Circuit

An open or shorted condition detected in the control circuit of the # 3 high speed radiator fan control relay.

#### P1499 Hydraulic Cooling Fan Solenoid Circuit

See TSB 07-005-02

#### P1594 (G) Charging System Voltage Too High

Battery voltage sense input above target charging voltage during engine operation.

#### P1595 Speed Control Solenoid Circuits

An open or shorted condition detected in either of the speed control vacuum or vent solenoid control circuits.

P1596 Speed Control Switch Always High

Speed control switch input above maximum acceptable voltage.

P1597 Speed Control Switch Always Low

Speed control switch input below minimum acceptable voltage.

P1598 A/C Pressure Sensor Volts Too High

A/C pressure sensor input above maximum acceptable voltage.

P1598 A/C Pressure Sensor Volts Too High

Problem detected in air conditioning electrical circuit.

P1599 A/C Pressure Sensor Volts Too Low

A/C pressure sensor input below minimum acceptable voltage.

P1599 A/C Sensor Input Lo

Problem detected in air conditioning electrical circuit.

P1602 (M) PCM not Programmed

PCM not programmed (generic controller fault).

P1603 PCM Internal Dual Port Ram Communication

Dual port RAM communication link error.

P1604 PCM Internal Dual Port Ram Read/Write Integrity Failure

Dual port RAM read/write error.

P1607 PCM internal Shutdown Timer Rationality

A rationality error has been detected for the shutdown timer.

P1680 Clutch Released Switch Circuit

P1681 No I/P Cluster CCD/J1850 Messages Received

No CCD/J1850 messages received from the cluster control module.

P1682 (G) Charging System Voltage Too Low

Battery voltage sense input below target charging voltage during engine operation and no significant change in voltage detected during active test of generator output circuit.

**P1682 (G) Charging System Voltage Too Low**

Charging System Voltage Too Low Charging system output voltage low.

**P1683 SPD CTRL PWR Relay; or S/C 12v Driver Circuit**

An open or shorted condition detected in the speed control servo power control circuit (SBECII: external relay).

**P1684 Battery Loss In The Last 50 Starts**

The battery has been disconnected within the last 50 starts. starts (status indicator only - NOT a reported fault code)

**P1685 Skim Invalid Key**

The engine controller has received an invalid key from the SKIM.

**P1686 No SKIM BUS Messages Received**

No CCD/J1850 messages received from the Smart Key Immobilizer Module (SKIM).

**P1687 No MIC BUS Message**

No CCD/J1850 messages received from the Mechanical Instrument Cluster (MIC) Module.

**P1688 (M) Internal Fuel Injection Pump Controller Failure**

**P1689 (M) No Communication Between ECM and Injection Pump Module**

**P1690 (M) Fuel Injection Pump CKP Sensor Does Not Agree with ECM CKP Sensor**

**P1691 Fuel Injection Pump Controller Calibration Error**

**P1692 DTC Set in ECM**

**P1693 (M) DTC Detected in Companion Module**

A fault has been generated in the companion engine control module.

**P1693 (M) DTC Detected in PCM/ECM or DTC Detected in ECM**

A "Companion DTC" was set in both the ECM and PCM.

**P1694 Fault In Companion Module**

No CCD/J1850 messages received from the powertrain control module-Asian transmission.

**P1694 (M) No BUS CCD Messages Received from ECM**

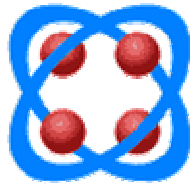
Bus communication failure to PCM.

P1695 No CCD/J1850 Message From Body Control Module

No CCD/J1850 messages received from the body control module.

P1696 (M) PCM Failure EEPROM Write Denied

**Os créditos desta Lista 3 vão para o p@ko do PuroTuning. 🙌**



### ***Lista 4***

- P0001 Fuel Volume Regulator Control Circuit/Open
- P0002 Fuel Volume Regulator Control Circuit Range/Performance
- P0003 Fuel Volume Regulator Control Circuit Low
- P0004 Fuel Volume Regulator Control Circuit High
- P0005 Fuel Shutoff Valve C ontrol Circuit/Open
- P0006 Fuel Shutoff Valve C ontrol Circuit Low
- P0007 Fuel Shutoff Valve C ontrol Circuit H igh
- P0008 Engine Position System Performance (Bank1)
- P0009 Engine Position System Performance (Bank2)
- P0010 A Camshaft Position Actuator Circuit (Bank1)
- P0011 A Camshaft Position - Timing Over-Advanced or System Performance (Bank 1)
- P0012 A Camshaft Position - Timing O ver-Retarded (Bank 1)
- P0013 B Camshaft Position - Actuator Circuit (Bank1)
- P0014 B Camshaft Position - Timing Over-Advanced or System Performance (Bank 1)
- P0015 B Camshaft Position - Timing O ver-Retarded (Bank 1)
- P0016 Crankshaft Position Camshaft Position Correlation (Bank 1 Sensor A)
- P0017 Crankshaft Position Camshaft Position Correlation (Bank 1 Sensor B)
- P0018 Crankshaft Position Camshaft Position Correlation (Bank 2 Sensor A)
- P0019 Crankshaft Position Camshaft Position Correlation (Bank 2 Sensor B)
- P0020 A Camshaft Position Actuator Circuit (Bank 2)
- P0021 A Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)

P0022 A Camshaft Position - Timing Over-Retarded (Bank 2)

P0023 B Camshaft Position - Actuator Circuit (Bank 2)

P0024 B Camshaft Position - Timing Over-Advanced or System Performance (Bank 2)

P0025 B Camshaft Position - Timing Over-Retarded (Bank 2)

P0026 Intake Valve Control Solenoid Circuit Range/Performance (Bank 1)

P0027 Exhaust Valve Control Solenoid Circuit Range/Performance (Bank 1)

P0028 Intake Valve Control Solenoid Circuit Range/Performance (Bank 2)

P0029 Exhaust Valve Control Solenoid Circuit Range/Performance (Bank 2)

P0030 HO2S Heater Control Circuit (Bank 1 Sensor 1)

P0031 HO2S Heater Control Circuit Low (Bank 1 Sensor 1)

P0032 HO2S Heater Control Circuit High (Bank 1 Sensor 1)

P0033 Turbo Charger Bypass Valve Control Circuit

P0034 Turbo Charger Bypass Valve Control Circuit Low

P0035 Turbo Charger Bypass Valve Control Circuit High

P0036 HO2S Heater Control Circuit (Bank 1 Sensor 2)

P0037 HO2S Heater Control Circuit Low (Bank 1 Sensor 2)

P0038 HO2S Heater Control Circuit High (Bank 1 Sensor 2)

P0039 Turbo/Super Charger Bypass Valve Control Circuit Range/Performance

P0040 O2 Sensor Signals Swapped Bank 1 Sensor 1/ Bank 2 Sensor 1

P0041 O2 Sensor Signals Swapped Bank 1 Sensor 2/ Bank 2 Sensor 2

P0043 HO2S Heater Control Circuit Low (Bank 1 Sensor 3)

P0044 HO2S Heater Control Circuit High (Bank 1 Sensor 3)

P0045 Turbo/Super Charger Boost Control Solenoid Circuit/Open

P0046 Turbo/Super Charger Boost Control Solenoid Circuit Range/Performance

P0047 Turbo/Super Charger Boost Control Solenoid Circuit Low

P0048 Turbo/Super Charger Boost Control Solenoid Circuit High

P0049 Turbo/Super Charger Turbine Overspeed

P0050 HO2S Heater Control Circuit (Bank 2 Sensor 1)

P0051 HO2S Heater Control Circuit Low (Bank 2 Sensor 1)

P0052 HO2S Heater Control Circuit High (Bank 2 Sensor 1)

P0053 HO2S Heater Resistance (Bank 1 Sensor 1)

P0054 HO2S Heater Resistance (Bank 1 Sensor 2)

P0055 HO2S Heater Resistance (Bank 1 Sensor 3)

P0056 HO2S Heater Control Circuit (Bank 2 Sensor 2)

P0057 HO2S Heater Control Circuit Low (Bank 2 Sensor 2)

P0058 HO2S Heater Control Circuit High (Bank 2 Sensor 2)

P0059 HO2S Heater Resistance (Bank 2 Sensor 1)

P0060 HO2S Heater Resistance (Bank 2 Sensor 2)

P0061 HO2S Heater Resistance (Bank 2 Sensor 3)

P0062 HO2S Heater Control Circuit (Bank 2 Sensor 3)

P0063 HO2S Heater Control Circuit Low (Bank 2 Sensor 3)

P0064 HO2S Heater Control Circuit High (Bank 2 Sensor 3)

P0065 Air Assisted Injector Control Range/Performance

P0066 Air Assisted Injector Control Circuit or Circuit Low

P0067 Air Assisted Injector Control Circuit High

P0068 MAP/MAF Throttle Position Correlation

P0069 Manifold Absolute Pressure Barometric Pressure Correlation

P0070 Ambient Air Temperature Sensor Circuit

P0071 Ambient Air Temperature Sensor Range/Performance

P0072 Ambient Air Temperature Sensor Circuit Low

P0073 Ambient Air Temperature Sensor Circuit High

P0074 Ambient Air Temperature Sensor Circuit Intermittent

P0075 Intake Valve Control Solenoid Circuit (Bank 1)

P0076 Intake Valve Control Solenoid Circuit Low (Bank 1)

P0077 Intake Valve Control Solenoid Circuit High (Bank 1)

P0078 Exhaust Valve Control Solenoid Circuit (Bank 1)

P0079 Exhaust Valve Control Solenoid Circuit Low (Bank 1)

P0080 Exhaust Valve Control Solenoid Circuit High (Bank 1)

P0081 Intake Valve Control Solenoid Circuit (Bank 2)

P0082 Intake Valve Control Solenoid Circuit Low (Bank 2)

P0083 Intake Valve Control Solenoid Circuit High (Bank 2)

P0084 Exhaust Valve Control Solenoid Circuit (Bank 2)

P0085 Exhaust Valve Control Solenoid Circuit Low (Bank 2)

P0086 Exhaust Valve Control Solenoid Circuit High (Bank 2)

P0087 Fuel Rail/System Pressure - Too Low

P0088 Fuel Rail/System Pressure - Too High

P0089 Fuel Pressure Regulator 1 Performance

P0090 Fuel Pressure Regulator 1 Control Circuit

P0091 Fuel Pressure Regulator 1 Control Circuit Low

P0092 Fuel Pressure Regulator 1 Control Circuit High

P0093 Fuel System Leak Detected Large Leak

P0094 Fuel System Leak Detected Small Leak

P0095 Intake Air Temperature Sensor 2 Circuit

P0096 Intake Air Temperature Sensor 2 Circuit Range/Performance

P0097 Intake Air Temperature Sensor 2 Circuit Low

P0098 Intake Air Temperature Sensor 2 Circuit High

P0099 Intake Air Temperature Sensor 2 Circuit Intermittent/Erratic

P0100 Mass or Volume Air Flow Circuit Malfunction

P0101 Mass or Volume Air Flow Circuit Range/Performance Problem

P0102 Mass or Volume Air Flow Circuit Low Input

P0103 Mass or Volume Air Flow Circuit High Input

P0104 Mass or Volume Air Flow Circuit Intermittent

P0105 Manifold Absolute Pressure/Barometric Pressure Circuit Malfunction

P0106 Manifold Absolute Pressure/Barometric Pressure Circuit Range/Performance Problem

P0107 Manifold Absolute Pressure/Barometric Pressure Circuit Low Input

P0108 Manifold Absolute Pressure/Barometric Pressure Circuit High Input

P0109 Manifold Absolute Pressure/Barometric Pressure Circuit Intermittent

P0110 Intake Air Temperature Circuit Malfunction

P0111 Intake Air Temperature Circuit Range/Performance Problem

P0112 Intake Air Temperature Circuit Low Input

P0113 Intake Air Temperature Circuit High Input

P0114 Intake Air Temperature Circuit Intermittent

P0115 Engine Coolant Temperature Circuit Malfunction

P0116 Engine Coolant Temperature Circuit Range/Performance Problem

P0117 Engine Coolant Temperature Circuit Low Input

P0118 Engine Coolant Temperature Circuit High Input

P0119 Engine Coolant Temperature Circuit Intermittent

P0120 Throttle Position Sensor/Switch A Circuit Malfunction

P0121 Throttle Position Sensor/Switch A Circuit Range/Performance Problem

P0122 Throttle Position Sensor/Switch A Circuit Low Input

P0123 Throttle Position Sensor/Switch A Circuit High Input

P0124 Throttle Position Sensor/Switch A Circuit Intermittent

P0125 Insufficient Coolant Temperature for Closed Loop Fuel Control; ECT Excessive Time to Closed

Loop Fuel Control

P0126 Insufficient Coolant Temperature for Stable Operation

P0128 Coolant Thermostat Malfunction

P0129 Barometric Pressure Too Low

P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1)

P0131 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)

P0132 O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)

P0133 O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)

P0134 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)

P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)

P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2)

P0137 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)

P0138 O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)

P0139 O2 Sensor Circuit Slow Response (Bank 1 Sensor 2)

P0140 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 2)

P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)

P0142 O2 Sensor Circuit Malfunction (Bank 1 Sensor 3)

P0143 O2 Sensor Circuit Low Voltage (Bank 1 Sensor 3)

P0144 O2 Sensor Circuit High Voltage (Bank 1 Sensor 3)

P0145 O2 Sensor Circuit Slow Response (Bank 1 Sensor 3)

P0146 O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 3)

P0147 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)

P0150 O2 Sensor Circuit Malfunction (Bank 2 Sensor 1)

P0151 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1)

P0152 O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)

P0153 O2 Sensor Circuit Slow Response (Bank 2 Sensor 1)

P0154 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)

P0155 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)

P0156 O2 Sensor Circuit Malfunction (Bank 2 Sensor 2)

P0157 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)

P0158 O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)

P0159 O2 Sensor Circuit Slow Response (Bank 2 Sensor 2)

P0160 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 2)

P0161 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)

P0162 O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)

P0163 O2 Sensor Circuit Low Voltage (Bank 2 Sensor 3)

P0164 O2 Sensor Circuit High Voltage (Bank 2 Sensor 3)

P0165 O2 Sensor Circuit Slow Response (Bank 2 Sensor 3)

P0166 O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 3)

P0167 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)

P0170 Fuel Trim Malfunction (Bank 1)

P0171 Fuel Trim too Lean (Bank 1)

P0172 Fuel Trim too Rich (Bank 1)

P0173 Fuel Trim Malfunction (Bank 2)

P0174 Fuel Trim too Lean (Bank 2)

P0175 Fuel Trim too Rich (Bank 2)

P0176 Fuel Composition Sensor Circuit Malfunction

P0177 Fuel Composition Sensor Circuit Range/Performance

P0178 Fuel Composition Sensor Circuit Low Input

P0179 Fuel Composition Sensor Circuit High Input

P0180 Fuel Temperature Sensor A Circuit Malfunction

P0181 Fuel Temperature Sensor A Circuit Range/Performance

P0182 Fuel Temperature Sensor A Circuit Low Input

P0183 Fuel Temperature Sensor A Circuit High Input

P0184 Fuel Temperature Sensor A Circuit Intermittent

P0185 Fuel Temperature Sensor B Circuit Malfunction

P0186 Fuel Temperature Sensor B Circuit Range/Performance

P0187 Fuel Temperature Sensor B Circuit Low Input

P0188 Fuel Temperature Sensor B Circuit High Input

P0189 Fuel Temperature Sensor B Circuit Intermittent

P0190 Fuel Rail Pressure Sensor Circuit Malfunction

P0191 Fuel Rail Pressure Sensor Circuit Range/Performance

P0192 Fuel Rail Pressure Sensor Circuit Low Input

P0193 Fuel Rail Pressure Sensor Circuit High Input

P0194 Fuel Rail Pressure Sensor Circuit Intermittent

P0195 Engine Oil Temperature Sensor Malfunction

P0196 Engine Oil Temperature Sensor Range/Performance

P0197 Engine Oil Temperature Sensor Low

P0198 Engine Oil Temperature Sensor High

P0199 Engine Oil Temperature Sensor Intermittent

P0200 Injector Circuit Malfunction

P0201 Injector Circuit Malfunction - Cylinder 1  
P0202 Injector Circuit Malfunction - Cylinder 2  
P0203 Injector Circuit Malfunction - Cylinder 3  
P0204 Injector Circuit Malfunction - Cylinder 4  
P0205 Injector Circuit Malfunction - Cylinder 5  
P0206 Injector Circuit Malfunction - Cylinder 6  
P0207 Injector Circuit Malfunction - Cylinder 7  
P0208 Injector Circuit Malfunction - Cylinder 8  
P0209 Injector Circuit Malfunction - Cylinder 9  
P0210 Injector Circuit Malfunction - Cylinder 10  
P0211 Injector Circuit Malfunction - Cylinder 11  
P0212 Injector Circuit Malfunction - Cylinder 12  
P0213 Cold Start Injector 1 Malfunction  
P0214 Cold Start Injector 2 Malfunction  
P0215 Engine Shutoff Solenoid Malfunction  
P0216 Injection Timing Control Circuit Malfunction  
P0217 Engine Overtemp Condition  
P0218 Transmission Over Temperature Condition  
P0219 Engine Overspeed Condition  
P0220 Throttle/Petal Position Sensor/Switch B Circuit Malfunction  
P0221 Throttle/Petal Position Sensor/Switch B Circuit Range/Performance Problem  
P0222 Throttle/Petal Position Sensor/Switch B Circuit Low Input  
P0223 Throttle/Petal Position Sensor/Switch B Circuit High Input  
P0224 Throttle/Petal Position Sensor/Switch B Circuit Intermittent  
P0225 Throttle/Petal Position Sensor/Switch C Circuit Malfunction

P0226 Throttle/Petal Position Sensor/Switch C Circuit Range/Performance Problem

P0227 Throttle/Petal Position Sensor/Switch C Circuit Low Input

P0228 Throttle/Petal Position Sensor/Switch C Circuit High Input

P0229 Throttle/Petal Position Sensor/Switch C Circuit Intermittent

P0230 Fuel Pump Primary Circuit Malfunction

P0231 Fuel Pump Secondary Circuit Low

P0232 Fuel Pump Secondary Circuit High

P0233 Fuel Pump Secondary Circuit Intermittent

P0234 Engine Overboost Condition

P0235 Turbocharger Boost Sensor A Circuit Malfunction

P0236 Turbocharger Boost Sensor A Circuit Range/Performance

P0237 Turbocharger Boost Sensor A Circuit Low

P0238 Turbocharger Boost Sensor A Circuit High

P0239 Turbocharger Boost Sensor B Malfunction

P0240 Turbocharger Boost Sensor B Circuit Range/Performance

P0241 Turbocharger Boost Sensor B Circuit Low

P0242 Turbocharger Boost Sensor B Circuit High

P0243 Turbocharger Wastegate Solenoid A Malfunction

P0244 Turbocharger Wastegate Solenoid A Range/Performance

P0245 Turbocharger Wastegate Solenoid A Low

P0246 Turbocharger Wastegate Solenoid A High

P0247 Turbocharger Wastegate Solenoid B Malfunction

P0248 Turbocharger Wastegate Solenoid B Range/Performance

P0249 Turbocharger Wastegate Solenoid B Low

P0250 Turbocharger Wastegate Solenoid B High

P0251 Injection Pump Fuel Metering Control "A" Malfunction (Cam/Rotor/Injector)

P0252 Injection Pump Fuel Metering Control "A" Range/Performance  
(Cam/Rotor/Injector)

P0253 Injection Pump Fuel Metering Control "A" Low (Cam/Rotor/Injector)

P0254 Injection Pump Fuel Metering Control "A" High (Cam/Rotor/Injector)

P0255 Injection Pump Fuel Metering Control "A" Intermittent (Cam/Rotor/Injector)

P0256 Injection Pump Fuel Metering Control "B" Malfunction (Cam/Rotor/Injector)

P0257 Injection Pump Fuel Metering Control "B" Range/Performance  
(Cam/Rotor/Injector)

P0258 Injection Pump Fuel Metering Control "B" Low (Cam/Rotor/Injector)

P0259 Injection Pump Fuel Metering Control "B" High (Cam/Rotor/Injector)

P0260 Injection Pump Fuel Metering Control "B" Intermittent (Cam/Rotor/Injector)

P0261 Cylinder 1 Injector Circuit Low

P0262 Cylinder 1 Injector Circuit High

P0263 Cylinder 1 Contribution/Balance Fault

P0264 Cylinder 2 Injector Circuit Low

P0265 Cylinder 2 Injector Circuit High

P0266 Cylinder 2 Contribution/Balance Fault

P0267 Cylinder 3 Injector Circuit Low

P0268 Cylinder 3 Injector Circuit High

P0269 Cylinder 3 Contribution/Balance Fault

P0270 Cylinder 4 Injector Circuit Low

P0271 Cylinder 4 Injector Circuit High

P0272 Cylinder 4 Contribution/Balance Fault

P0273 Cylinder 5 Injector Circuit Low

P0274 Cylinder 5 Injector Circuit High

P0275 Cylinder 5 Contribution/Balance Fault

P0276 Cylinder 6 Injector Circuit Low

P0277 Cylinder 6 Injector Circuit High

P0278 Cylinder 6 Contribution/Balance Fault

P0279 Cylinder 7 Injector Circuit Low

P0280 Cylinder 7 Injector Circuit High

P0281 Cylinder 7 Contribution/Balance Fault

P0282 Cylinder 8 Injector Circuit Low

P0283 Cylinder 8 Injector Circuit High

P0284 Cylinder 8 Contribution/Balance Fault

P0285 Cylinder 9 Injector Circuit Low

P0286 Cylinder 9 Injector Circuit High

P0287 Cylinder 9 Contribution/Balance Fault

P0288 Cylinder 10 Injector Circuit Low

P0289 Cylinder 10 Injector Circuit High

P0290 Cylinder 10 Contribution/Balance Fault

P0291 Cylinder 11 Injector Circuit Low

P0292 Cylinder 11 Injector Circuit High

P0293 Cylinder 11 Contribution/Balance Fault

P0294 Cylinder 12 Injector Circuit Low

P0295 Cylinder 12 Injector Circuit High

P0296 Cylinder 12 Contribution/Range Fault

P0300 Random/Multiple Cylinder Misfire Detected

P0301 Cylinder 1 Misfire Detected

P0302 Cylinder 2 Misfire Detected

P0303 Cylinder 3 Misfire Detected

P0304 Cylinder 4 Misfire Detected

P0305 Cylinder 5 Misfire Detected

P0306 Cylinder 6 Misfire Detected

P0307 Cylinder 7 Misfire Detected

P0308 Cylinder 8 Misfire Detected

P0309 Cylinder 9 Misfire Detected

P0310 Cylinder 10 Misfire Detected

P0311 Cylinder 11 Misfire Detected

P0312 Cylinder 12 Misfire Detected

P0320 Ignition/Distributor Engine Speed Input Circuit Malfunction

P0321 Ignition/Distributor Engine Speed Input Circuit Range/Performance

P0322 Ignition/Distributor Engine Speed Input Circuit No Signal

P0323 Ignition/Distributor Engine Speed Input Circuit Intermittent

P0325 Knock Sensor 1 Circuit Malfunction (Bank 1 or Single Sensor)

P0326 Knock Sensor 1 Circuit Range/Performance (Bank 1 or Single Sensor)

P0327 Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)

P0328 Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)

P0329 Knock Sensor 1 Circuit Intermittent (Bank 1 or Single Sensor)

P0330 Knock Sensor 2 Circuit Malfunction (Bank 2)

P0331 Knock Sensor 2 Circuit Range/Performance (Bank 2)

P0332 Knock Sensor 2 Circuit Low Input (Bank 2)

P0333 Knock Sensor 2 Circuit High Input (Bank 2)

P0334 Knock Sensor 2 Circuit Intermittent (Bank 2)

P0335 Crankshaft Position Sensor A Circuit Malfunction

P0336 Crankshaft Position Sensor A Circuit Range/Performance

P0337 Crankshaft Position Sensor A Circuit Low Input

P0338 Crankshaft Position Sensor A Circuit High Input

P0339 Crankshaft Position Sensor A Circuit Intermittent

P0340 Camshaft Position Sensor Circuit Malfunction

P0341 Camshaft Position Sensor Circuit Range/Performance

P0342 Camshaft Position Sensor Circuit Low Input

P0343 Camshaft Position Sensor Circuit High Input

P0344 Camshaft Position Sensor Circuit Intermittent

P0350 Ignition Coil Primary/Secondary Circuit Malfunction

P0351 Ignition Coil A Primary/Secondary Circuit Malfunction

P0352 Ignition Coil B Primary/Secondary Circuit Malfunction

P0353 Ignition Coil C Primary/Secondary Circuit Malfunction

P0354 Ignition Coil D Primary/Secondary Circuit Malfunction

P0355 Ignition Coil E Primary/Secondary Circuit Malfunction

P0356 Ignition Coil F Primary/Secondary Circuit Malfunction

P0357 Ignition Coil G Primary/Secondary Circuit Malfunction

P0358 Ignition Coil H Primary/Secondary Circuit Malfunction

P0359 Ignition Coil I Primary/Secondary Circuit Malfunction

P0360 Ignition Coil J Primary/Secondary Circuit Malfunction

P0361 Ignition Coil K Primary/Secondary Circuit Malfunction

P0362 Ignition Coil L Primary/Secondary Circuit Malfunction

P0370 Timing Reference High Resolution Signal A Malfunction

P0371 Timing Reference High Resolution Signal A Too Many Pulses

P0372 Timing Reference High Resolution Signal A Too Few Pulses

P0373 Timing Reference High Resolution Signal A Intermittent/Erratic Pulses

P0374 Timing Reference High Resolution Signal A No Pulses

P0375 Timing Reference High Resolution Signal B Malfunction

P0376 Timing Reference High Resolution Signal B Too Many Pulses

P0377 Timing Reference High Resolution Signal B Too Few Pulses

P0378 Timing Reference High Resolution Signal B Intermittent/Erratic Pulses

P0379 Timing Reference High Resolution Signal B No Pulses

P0380 Glow Plug/Heater Circuit "A" Malfunction

P0381 Glow Plug/Heater Indicator Circuit Malfunction

P0382 Exhaust Gas Recirculation Flow Malfunction

P0385 Crankshaft Position Sensor B Circuit Malfunction

P0386 Crankshaft Position Sensor B Circuit Range/Performance

P0387 Crankshaft Position Sensor B Circuit Low Input

P0388 Crankshaft Position Sensor B Circuit High Input

P0389 Crankshaft Position Sensor B Circuit Intermittent

P0400 Exhaust Gas Recirculation Flow Malfunction

P0401 Exhaust Gas Recirculation Flow Insufficient Detected

P0402 Exhaust Gas Recirculation Flow Excessive Detected

P0403 Exhaust Gas Recirculation Circuit Malfunction

P0404 Exhaust Gas Recirculation Circuit Range/Performance

P0405 Exhaust Gas Recirculation Sensor A Circuit Low

P0406 Exhaust Gas Recirculation Sensor A Circuit High

P0407 Exhaust Gas Recirculation Sensor B Circuit Low

P0408 Exhaust Gas Recirculation Sensor B Circuit High

P0410 Secondary Air Injection System Malfunction

P0411 Secondary Air Injection System Incorrect Flow Detected

P0412 Secondary Air Injection System Switching Valve A Circuit Malfunction

P0413 Secondary Air Injection System Switching Valve A Circuit Open

P0414 Secondary Air Injection System Switching Valve A Circuit Shorted

P0415 Secondary Air Injection System Switching Valve B Circuit Malfunction

P0416 Secondary Air Injection System Switching Valve B Circuit Open

P0417 Secondary Air Injection System Switching Valve B Circuit Shorted

P0418 Secondary Air Injection System Relay "A" Circuit Malfunction

P0419 Secondary Air Injection System Relay "B" Circuit Malfunction

P0420 Catalyst System Efficiency Below Threshold (Bank 1)

P0421 Warm Up Catalyst Efficiency Below Threshold (Bank 1)

P0422 Main Catalyst Efficiency Below Threshold (Bank 1)

P0423 Heated Catalyst Efficiency Below Threshold (Bank 1)

P0424 Heated Catalyst Temperature Below Threshold (Bank 1)

P0426 Catalyst Temperature Sensor Range/Performance (Bank 1)

P0427 Catalyst Temperature Sensor Low Input (Bank 1)

P0428 Catalyst Temperature Sensor High Input (Bank 1)

P0430 Catalyst System Efficiency Below Threshold (Bank 2)

P0431 Warm Up Catalyst Efficiency Below Threshold (Bank 2)

P0432 Main Catalyst Efficiency Below Threshold (Bank 2)

P0433 Heated Catalyst Efficiency Below Threshold (Bank 2)

P0434 Heated Catalyst Temperature Below Threshold (Bank 2)

P0436 Catalyst Temperature Sensor Range/Performance (Bank 2)

P0437 Catalyst Temperature Sensor Low Input (Bank 2)

P0438 Catalyst Temperature Sensor High Input (Bank 2)

P0440 Evaporative Emission Control System Malfunction

P0441 Evaporative Emission Control System Incorrect Purge Flow

P0442 Evaporative Emission Control System Leak Detected (small leak)

P0443 Evaporative Emission Control System Purge Control Valve Circuit Malfunction

P0444 Evaporative Emission Control System Purge Control Valve Circuit Open

P0445 Evaporative Emission Control System Purge Control Valve Circuit Shorted

P0446 Evaporative Emission Control System Vent Control Circuit Malfunction

P0447 Evaporative Emission Control System Vent Control Circuit Open

P0448 Evaporative Emission Control System Vent Control Circuit Shorted

P0449 Evaporative Emission Control System Vent Valve/Solenoid Circuit Malfunction

P0450 Evaporative Emission Control System Pressure Sensor Malfunction

P0451 Evaporative Emission Control System Pressure Sensor Range/Performance

P0452 Evaporative Emission Control System Pressure Sensor Low Input

P0453 Evaporative Emission Control System Pressure Sensor High Input

P0454 Evaporative Emission Control System Pressure Sensor Intermittent

P0455 Evaporative Emission Control System Leak Detected (gross leak)

P0460 Fuel Level Sensor Circuit Malfunction

P0461 Fuel Level Sensor Circuit Range/Performance

P0462 Fuel Level Sensor Circuit Low Input

P0463 Fuel Level Sensor Circuit High Input

P0464 Fuel Level Sensor Circuit Intermittent

P0465 Purge Flow Sensor Circuit Malfunction

P0466 Purge Flow Sensor Circuit Range/Performance

P0467 Purge Flow Sensor Circuit Low Input

P0468 Purge Flow Sensor Circuit High Input

P0469 Purge Flow Sensor Circuit Intermittent

P0470 Exhaust Pressure Sensor Malfunction

P0471 Exhaust Pressure Sensor Range/Performance

P0472 Exhaust Pressure Sensor Low

P0473 Exhaust Pressure Sensor High

P0474 Exhaust Pressure Sensor Intermittent

P0475 Exhaust Pressure Control Valve Malfunction

P0476 Exhaust Pressure Control Valve Range/Performance

P0477 Exhaust Pressure Control Valve Low

P0478 Exhaust Pressure Control Valve High

P0479 Exhaust Pressure Control Valve Intermittent

P0480 Cooling Fan 1 Control Circuit Malfunction

P0481 Cooling Fan 2 Control Circuit Malfunction

P0482 Cooling Fan 3 Control Circuit Malfunction

P0483 Cooling Fan Rationality Check Malfunction

P0484 Cooling Fan Circuit Over Current

P0485 Cooling Fan Power/Ground Circuit Malfunction

P0500 Vehicle Speed Sensor Malfunction

P0501 Vehicle Speed Sensor Range/Performance

P0502 Vehicle Speed Sensor Low Input

P0503 Vehicle Speed Sensor Intermittent/Erratic/High

P0505 Idle Control System Malfunction

P0506 Idle Control System RPM Lower Than Expected

P0507 Idle Control System RPM Higher Than Expected

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 Voltage Malfunction

P0561 System Voltage Unstable

P0562 System Voltage Low

P0562 A/C pressure sensor low voltage(Chrysler)

P0563 System Voltage High

P0565 Cruise Control On 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

P0576 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 Control Module Read Only Memory(ROM)

P0602 Control Module Programming Error

P0603 Internal Control Module Keep Alive Memory (KAM) Error

P0604 Internal Control Module Random Access Memory (RAM) Error

P0605 Internal Control Module Read Only Memory (ROM) Error

P0606 PCM Processor Fault

P0608 Control Module VSS Output "A" Malfunction

P0609 Control Module VSS Output "B" Malfunction

P0620 Generator Control Circuit Malfunction

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 Range/Performance

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 Malfunction

P0751 Shift Solenoid A Performance or Stuck Off

P0752 Shift Solenoid A Stuck On

P0753 Shift Solenoid A Electrical

P0754 Shift Solenoid A Intermittent

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

P1100 MAF Sensor Intermittent/ Check of all OBDII Systems Not Complete

P1101 MAF Sensor Out Of Self Test Range./KOER Not Able To Complete KOER  
Aborted

P1102 MAF Sensor In Range But Lower Than Expected

P1103 MAF Sensor In Range But Higher Than Expected

P1104 MAF Ground Malfunction

P1105 Dual Alternator Upper Fault

P1106 Dual Alternator Lower Fault/ Manifold Absolute Pressure (MAP) Sensor Circuit  
Intermittent

High Voltage

P1107 Dual Alternator Lower Circuit Malfunction/ Manifold Absolute Pressure (MAP)  
Sensor Circuit

Intermittent Low Voltage

P1108 Dual Alternator Battery Lamp Circuit Malfunction

P1109 IAT - B Sensor Intermittent

P1110 IAT Sensor (D/C) Open/Short

P1111 Intake Air Temperature (IAT) Sensor Circuit Intermittent High Voltage

P1112 Intake Air Temperature (IAT) Sensor Circuit Intermittent Low Voltage

P1113 IAT Sensor Open/Short

P1114 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent Low Voltage/IAT - B Circuit

Low Input

P1115 Engine Coolant Temperature (ECT) Sensor Circuit Intermittent High Voltage/IAT - B Circuit

High Input

P1116 Engine Coolant sensor out of range/ECT Sensor Out Of Self Test Range

P1117 Engine Coolant Sensor intermittent/ECT Sensor Intermittent

P1118 Manifold Absolute Temperature Circuit Low Input

P1119 Manifold Absolute Temperature Circuit High Input

P1120 Throttle position sensor out of range

P1121 Throttle Position (TP) Sensor Circuit Intermittent High Voltage

P1122 Throttle Position (TP) Sensor Circuit Intermittent Low Voltage

P1123 Throttle Position Sensor In Range But Higher Than Expected

P1124 Throttle Position Sensor Out Of Self Test Range

P1125 Throttle position sensor intermittent

P1126 Throttle Position (Narrow Range) Sensor Circuit Malfunction

P1127 Exhaust Not Warm, Downstream O2 Sensor

P1128 Upstream Heated O2 Sensors Swapped

P1129 Downstream Heated O2 Sensors Swapped

P1130 Lack Of HO2S Switch - Adaptive Fuel At Limit

P1131 Lack Of HO2S Switch - Sensor Indicates Lean

P1132 Lack Of HO2S Switch - Sensor Indicates Rich

P1133 HO2S Insufficient Switching Sensor 1

P1134 HO2S Transition Time Ratio Sensor 1

P1135 Pedal Position Sensor A Circuit Intermittent

P1136 Fan Control Circuit Malfunction

P1137 Lack Of HO2S Switch - Sensor Indicates Lean

P1138 Lack Of HO2S12 Switch - Sensor Indicates Rich

P1139 Water In Fuel Indicator Circuit Malfunction

P1140 Water In Fuel Condition

P1141 Fuel Restriction Indicator Circuit Malfunction

P1142 Fuel Restriction Condition

P1143 Air Assist Control Valve Range/Performance

P1144 Air Assist Control Valve Circuit Malfunction

P1150 Lack Of HO2S21 Switch - Adaptive Fuel At Limit

P1151 Lack Of HO2S21 Switch - Sensor Indicates Lean

P1152 Lack Of HO2S21 Switch - Sensor Indicates Rich

P1153 Bank 2 Fuel Control Shifted Lean

P1154 Bank 2 Fuel Control Shifted Rich

P1155 Alternative Fuel Controller

P1156 Fuel Select Switch Malfunction

P1157 Lack Of HO2S22 Switch - Sensor Indicates Lean

P1158 Lack Of HO2S22 Switch - Sensor Indicates Rich

P1159 Fuel Stepper Motor Malfunction

P1167 Invalid Test,throttle not depressed

P1168 Fuel Rail Sensor In-Range Low Failure

P1169 Fuel Rail Sensor In-Range High Failure

P1170 ESO - Engine Shut Off Solenoid Fault

P1171 Rotor Sensor Fault

P1172 Rotor Control Fault

P1173 Rotor Calibration Fault

P1174 Cam Sensor Fault

P1175 Cam Control Fault

P1176 Cam Calibration Fault

P1177 Synchronization Fault

P1178 ( open )

P1180 Fuel Delivery System Malfunction - Low

P1181 Fuel Delivery System Malfunction - High

P1182 Fuel Shut Off Solenoid Malfunction

P1183 Engine Oil Temperature Circuit Malfunction

P1184 Engine Oil Temperature Out Of Self Test Range

P1185 FTS High - Fuel Pump Temperature Sensor High

P1186 FTS Low - Fuel Pump Temperature Sensor Low

P1187 Variant Selection

P1188 Calibration Memory Fault

P1189 Pump Speed Signal Fault

P1190 Calibration Resistor Out Of Range

P1191 Key Line Voltage

P1192 Voltage External

P1193 EGR Drive Overcurrent

P1194 ECU A/D Converter

P1195 SCP HBCC Failed To Initialize

P1196 Key Off Voltage High

P1197 Key Off Voltage Low

P1198 Pump Rotor Control Underfueling

P1199 Fuel Level Input Circuit Low

P1200 Injector Control Circuit

P1201 Injector Circuit Open / Shorted - Cylinder #1

P1202 Injector Circuit Open / Shorted - Cylinder #2

P1203 Injector Circuit Open / Shorted - Cylinder #3

P1204 Injector Circuit Open / Shorted - Cylinder #4

P1205 Injector Circuit Open / Shorted - Cylinder #5

P1206 Injector Circuit Open / Shorted - Cylinder #6

P1209 Injector Control Pressure System Fault

P1210 Injector Control Pressure Above Expected Level

P1211 Injector Control Pressure Sensor Above / Below Desired

P1212 Injector Control Pressure Not Detected During Crank

P1213 Start Injector Circuit Malfunction

P1214 Pedal Position Sensor B Circuit Intermittent

P1215 Pedal Position Sensor C Circuit Low Input

P1216 Pedal Position Sensor C Circuit High Input

P1217 Pedal Position Sensor C Circuit Intermittent

P1218 CID High

P1219 CID Low

P1220 Series Throttle Control System Malfunction

P1221 Traction Control System Malfunction

P1222 Traction Control Output Circuit Malfunction

P1223 Pedal Demand Sensor B Circuit High Input

P1224 Throttle Position Sensor B Out Of Self Test Range

P1225 Needle Lift Sensor Malfunction

P1226 Control Sleeve Sensor Malfunction

P1227 Wastegate Failed Closed (Over Pressure)

P1228 Wastegate Failed Open (Under Pressure)

P1229 Intercooler Pump Driver Fault

P1230 Fuel Pump Low Speed Malfunction

P1231 Fuel Pump Secondary Circuit Low, High Speed

P1232 Fuel Pump Speed Primary Circuit Malfunction

P1233 Fuel Pump Driver Module Off Line

P1234 Fuel Pump Driver Module Off Line

P1235 Fuel Pump Control Out Of Range

P1236 Fuel Pump Control Out Of Range

P1237 Fuel Pump Secondary Circuit Malfunction

P1238 Fuel Pump Secondary Circuit Malfunction

P1239 Speed Fuel Pump Positive Feed Fault

P1240 Sensor Power Supply Malfunction

P1241 Sensor Power Supply Low Input

P1242 Sensor Power Supply High Input

P1243 Second Fuel Pump Faulty or Ground Fault

P1244 Alternator Load Input Failed High

P1245 Alternator Load Input Failed Low

P1246 Alternator Load Input Failed

P1247 Turbo Boost Pressure Low

P1248 Turbo Boost Pressure Not Detected

P1249 Wastegate Control Valve Performance

P1250 PRC Solenoid Circuit Malfunction

P1251 Air Mixture Solenoid Circuit Malfunction

P1252 Pedal Correlation PDS1 and LPDS High

P1253 Pedal Correlation PDS1 and LPDS Low

P1254 Pedal Correlation PDS2 and LPDS High

P1255 Pedal Correlation PDS2 and LPDS Low

P1256 Pedal Correlation PDS1 and HPDS

P1257 Pedal Correlation PDS2 and HPDS

P1258 Pedal Correlation PDS1 and PDS2

P1259 Immobilizer to PCM Signal Error

P1260 THEFT Detected, Vehicle Immobilized

P1261 Cylinder #1 High To Low Side Short

P1262 Cylinder #2 High To Low Side Short

P1263 Cylinder #3 High To Low Side Short

P1264 Cylinder #4 High To Low Side Short

P1265 Cylinder #5 High To Low Side Short

P1266 Cylinder #6 High To Low Side Short

P1267 Cylinder #7 High To Low Side Short

P1268 Cylinder #8 High To Low Side Short

P1269 Immobilizer Code Not Programmed

P1270 Engine RPM Or Speed Limiter Reached

P1271 Cylinder #1 High To Low Side Open

P1272 Cylinder #2 High To Low Side Open

P1273 Cylinder #3 High To Low Side Open

P1274 Cylinder #4 High To Low Side Open

P1275 Cylinder #5 High To Low Side Open

P1276 Cylinder #6 High To Low Side Open

P1277 Cylinder #7 High To Low Side Open

P1278 Cylinder #8 High To Low Side Open

P1280 Injection Control Pressure Out Of Range Low

P1281 Injection Control Pressure Out Of Range High

P1282 Excessive Injection Control Pressure

P1283 IPR Circuit Failure

P1284 Aborted KOER - ICP Failure

P1285 Cylinder head over temp sensed

P1286 Fuel Pulse In Range But Lower Than Expected

P1287 Fuel Pulse In Range But Higher Than Expected

P1288 Cylinder Head Temp Sensor Out Of Self Test Range

P1289 Cylinder Head Temp Sensor High Input

P1290 Cylinder Head Temp Sensor Low Input

P1291 Injector High Side Short To GND Or VBATT - Bank 1

P1292 Injector High Side Short To GND Or VBATT - Bank 2

P1293 Injector High Side Open - Bank 1

P1294 Injector High Side Open - Bank 2/Target idle not reached

P1295 Multi-faults - Bank 1 - With Low Side Shorts

P1296 Multi-faults - Bank 2 - With Low Side Shorts

P1297 Injector High Sides Shorted Together

P1298 IDM Failure

P1299 Cylinder Head Overtemperature Protection Active

P1300 Boost Calibration Fault

P1301 Boost Calibration High

P1302 Boost Calibration Low

P1303 EGR Calibration Fault

P1304 EGR Calibration High

P1305 EGR Calibration Low

P1306 Kickdown Relay Pull - In Circuit Fault

P1307 Kickdown Relay Hold Circuit Fault

P1308 A/C Clutch Circuit Fault

P1309 Misfire Monitor AICE Chip Fault

P1313 Misfire Rate Catalyst Damage Fault - Bank 1

P1314 Misfire Rate Catalyst Damage Fault - Bank 2

P1315 Persistent Misfire

P1316 Injector Circuit / IDM Codes Detected

P1317 Injector Circuit / IDM Codes Not Updated

P1336 Crank / Cam Sensor Range / Performance

P1340 Camshaft Position Sensor B Circuit Malfunction

P1341 Camshaft Position Sensor B Range / Performance

P1345 SGC (Cam Position) Sensor Circuit Malfunction/ Crankshaft Position - Camshaft Position

Correlation

P1346 Fuel Level Sensor B Circuit Malfunction

P1347 Fuel Level Sensor B Range / Performance

P1348 Fuel Level Sensor B Circuit Low

P1349 Fuel Level Sensor B Circuit High

P1350 Fuel Level Sensor B Intermittent/Bypass Line Monitor

P1351 IDM Input Circuit Malfunction/ Ignition Coil Control Circuit High Voltage

P1352 Ignition Coil A Primary Circuit Malfunction

P1353 Ignition Coil B Primary Circuit Malfunction

P1354 Ignition Coil C Primary Circuit Malfunction

P1355 Ignition Coil D Primary Circuit Malfunction

P1360 Ignition Coil A Secondary Circuit Malfunction

P1361 Ignition Control (IC) Circuit Low Voltage

P1362 Ignition Coil C Secondary Circuit Malfunction

P1363 Ignition Coil D Secondary Circuit Malfunction

P1364 Ignition Coil Primary Circuit Failure

P1365 Ignition Coil Secondary Circuit Failure

P1366 Ignition Spare

P1367 Ignition Spare

P1368 Ignition Spare

P1369 Engine Temperature Light Monitor Failure

P1370 Insufficient RMP Increase During Spark Test

P1371 Ignition Coil - Cylinder 1 - Early Activation Fault

P1372 Ignition Coil - Cylinder 2 - Early Activation Fault

P1373 Ignition Coil - Cylinder 3 - Early Activation Fault

P1374 Crankshaft Position (CKP)/Ignition Coil - Cylinder 4 - Early Activation Fault

P1375 Ignition Coil - Cylinder 5 - Early Activation Fault

P1376 Ignition Coil - Cylinder 6 - Early Activation Fault

P1380 Misfire Detected - Rough Road Data Not Available

P1381 Variable Cam Timing Overadvanced (Bank #1)/ Misfire Detected - No Communication with BCM

P1382 Variable Cam Timing Solenoid #1 Circuit Malfunction

P1383 Variable Cam Timing Overretarded (Bank #1)

P1384 VVT Solenoid A Malfunction

P1385 Variable Cam Timing Solenoid B Malfunction

P1386 Variable Cam Timing Overadvanced (Bank #2)

P1387 Variable Cam Timing Solenoid #2 Circuit Malfunction

P1388 Variable Cam Timing Overretarded (Bank #2)

P1389 Glow Plug Circuit High Side Low Input

P1390 Octane Adjust Pin Out Of Self Test Range

P1391 Glow Plug Circuit Low Input (Bank #1)

P1392 Glow Plug Circuit High Input (Bank #1)

P1393 Glow Plug Circuit Low Input (Bank #2)

P1394 Glow Plug Circuit High Input (Bank #2)

P1395 Glow Plug Monitor Fault (Bank #1)

P1396 Glow Plug Monitor Fault (Bank #2)

P1397 System Voltage Out Of Self Test Range

P1398 VVT Solenoid B Circuit High Input

P1399 Glow Plug Circuit High Side, High Input

P1400 DPFE Circuit Low Input

P1401 DPFE Circuit High Input

P1402 EGR Metering Orifice Restricted

P1403 DPFE Sensor Hoses Reversed

P1404 IAT - B Circuit Malfunction/ Exhaust Gas Recirculation Closed Position Performance

P1405 DPFE Sensor Upstream Hose Off Or Plugged

P1406 Exhaust Gas Recirculation (EGR) Position Sensor Performance

P1407 EGR No Flow Detected

P1408 EGR Flow Out Of Self Test Range

P1409 EVR Control Circuit Malfunction

P1411 SAI System Incorrect Downstream Flow Detected

P1413 SAI System Monitor Circuit Low Input

P1414 SAI System Monitor Circuit High Input

P1415 Air Pump Circuit Malfunction/ (AIR) System Bank 1

P1416 Port Air Circuit Malfunction/ (AIR) System Bank 2

P1417 Port Air Relief Circuit Malfunction

P1418 Split Air #1 Circuit Malfunction

P1419 Split Air #2 Circuit Malfunction

P1420 Catalyst Temperature Sensor Failure

P1421 Catalyst Damage

P1422 EGI Temperature Sensor Failure

P1423 EGI Functionality Test Failed

P1424 EGI Glow Plug Primary Failure

P1425 EGI Glow Plug Secondary Failure

P1426 EGI Mini - MAF Failed Out Of Range

P1427 EGI Mini - MAF Failed Short Circuit

P1428 EGI Mini - MAF Failed Open Circuit

P1429 Electric Air Pump Primary Failure

P1430 Electric Air Pump Secondary Failure

P1433 A/C Refrigerant Temperature Circuit Low

P1434 A/C Refrigerant Temperature Circuit High

P1435 A/C Refrigerant Temperature Circuit Range/Performance

P1436 A/C Evaporator Air Temperature Circuit Low

P1437 A/C Evaporator Air Temperature Circuit High

P1438 A/C Evaporator Air Temperature Circuit Range/Performance

P1439 Floor Temperature Switch Circuit Malfunction

P1440 Purge Valve Stuck Open

P1441 Evaporative Emission (EVAP) System Flow During Non-Purge Chevrolet Only

P1441 Evaporative Emission (EVAP) System Flow During Non-Purge Oldsmobile Only

P1442 Evaporative Emission Control System Leak Detected

P1443 Evaporative Emission Control System Control Valve

P1444 Purge Flow Sensor Circuit Low Input

P1445 Purge Flow Sensor Circuit High Input

P1446 Evaporative Vac Solenoid Circuit Malfunction

P1447 ELC System Closure Valve Flow Fault

P1448 ELC System 2 Fault

P1449 Evaporative Check Solenoid Circuit Malfunction

P1450 Unable To Bleed Up Fuel Tank Vacuum

P1451 Evap Emission Control Sys Vent Control Valve Circuit

P1452 Unable To Bleed - Up Vacuum in Tank

P1453 Fuel Tank Pressure Relief Valve Malfunction

P1454 Evaporative System Vacuum Test Malfunction

P1455 Evap Emission Control Sys Leak Detected (Gross Leak/No Flow)

P1456 Fuel Tank Temperature Sensor Circuit Malfunction

P1457 Unable To Pull Vacuum In Tank

P1460 Wide open throttle A/C cutoff relay circuit

P1461 A/C pressure sensor circuit voltage low

P1462 A/C pressure sensor circuit voltage high

P1463 A/C Pressure Sensor Insufficient Pressure Change

P1464 A/C Demand Out of Self Test Range

P1465 A/C Relay Circuit Malfunction

P1466 A/C Refrigerant Temperature Sensor/Circuit Malfunction

P1467 A/C Compressor Temperature Sensor Malfunction

P1468 SSPOD Open Circuit or Closed Circuit Fault

P1469 Low A/C Cycling Period

P1470 A/C Cycling Period Too Short

P1471 Electrodrive Fan 1 Operational Failure (Driver Side)

P1472 Electrodrive Fan 2 Operational Failure (Passenger Side)

P1473 Fan Secondary High With Fan(s) Off

P1474 Low Fan Control Primary Circuit Malfunction

P1475 Fan Relay (Low) Circuit Malfunction

P1476 Fan Relay (High) Circuit Malfunction

P1477 Additional Fan Relay Circuit Malfunction

P1478 Cooling Fan Driver Fault

P1479 High Fan Control Primary Circuit Malfunction

P1480 Fan Secondary Low with Low Fan On

P1481 Fan Secondary Low With High Fan On

P1482 SCP

P1483 Power To Fan Circuit Overcurrent

P1484 Open Power To Ground VCRM

P1485 EGRV Circuit Malfunction

P1486 EGRA Circuit Malfunction

P1487 EGRCHK Solenoid Circuit Malfunction

P1490 Secondary Air Relief Solenoid Circuit Malfunction

P1491 Secondary Switch Solenoid Circuit Malfunction

P1492 APLSOL Solenoid Circuit Malfunction

P1493 RCNT Solenoid Circuit Malfunction

P1494 SPCUT Solenoid Circuit Malfunction

P1495 TCSPL Solenoid Circuit Malfunction

P1500 Vehicle Speed Sensor Intermittent

P1501 Vehicle Speed Sensor Out Of Self Test Range

P1502 Vehicle Speed Sensor Intermittent Malfunction

P1503 Auxillary Speed Sensor Fault

P1504 Idle Air Control Circuit Malfunction

P1505 Idle Air Control System At Adaptive Clip

P1506 Idle Air Control Overspeed Error

P1507 Idle Air Control Underspeed Error

P1508 Idle Control System Circuit Open

P1509 Idle Control System Circuit Shorted

P1510 Idle Signal Circuit Malfunction

P1511 Idle Switch (Electric Control Throttle) Circuit Malfunction

P1512 Intake Manifold Runner Control (Bank 1) Stuck Closed

P1513 Intake Manifold Runner Control (Bank 2) Stuck Closed

P1514 High Load Neutral/Drive Fault

P1515 Electric Current Circuit Malfunction

P1516 IMRC Input Error (Bank 1)

P1517 IMRC Input Error (Bank 2)

P1518 Intake Manifold Runner Control (Stuck Open)

P1519 Intake Manifold Runner Control (Stuck Closed)

P1520 Intake Manifold Runner Control Circuit Malfunction

P1521 Variable Intake Solenoid #1 Circuit Malfunction

P1522 Variable Intake Solenoid #2 Circuit Malfunction

P1523 IVC Solenoid Circuit Malfunction

P1524 Variable Intake Solenoid System

P1525 Air Bypass Valve System

P1526 Air Bypass System

P1527 Accelerate Warmup Solenoid Circuit Malfunction

P1528 Subsidiary Throttle Valve Solenoid Circuit Malfunction

P1529 SCAIR Solenoid Circuit Malfunction

P1530 A/C Clutch Circuit Malfunction

P1531 Invalid Test - Accelerator Pedal Movement

P1532 IMCC Circuit Malfunction, Bank B

P1533 AAI Circuit Malfunction

P1534 Inertia Switch Activated

P1535 Blower Fan Speed Circuit Range/Performance

P1536 Parking Brake Switch Circuit Failure

P1537 Intake Manifold Runner Control (Bank 1) Stuck Open

P1538 Intake Manifold Runner Control (Bank 2) Stuck Open

P1539 Power To A/C Clutch Circuit Overcurrent

P1540 Air Bypass Valve Circuit Malfunction

P1549 IMCC Circuit Malfunction, Bank B

P1550 PSPS Out Of Self Test Range

P1565 Speed Control Command Switch Out of Range High

P1566 Speed Control Command Switch Out of Range Low

P1567 Speed Control Output Circuit Continuity

P1568 Speed Control Unable to Hold Speed

P1571 Brake Switch Malfunction

P1572 Brake Pedal Switch Circuit Malfunction

P1573 Throttle Position Not Available

P1574 Throttle Position Sensor Disagreement btwn Sensors

P1575 Pedal Position Out of Self Test Range

P1576 Pedal Position Not Available

P1577 Pedal Position Sensor Disagreement btwn Sensors

P1578 ETC Power Less Than Demand

P1579 ETC In Power Limiting Mode

P1580 Electronic Throttle Monitor PCM Override

P1581 Electronic Throttle Monitor Malfunction

P1582 Electronic Throttle Monitor Data Available

P1583 Electronic Throttle Monitor Cruise Disable

P1584 TCU Detected IPE Circuit Malfunction

P1585 Throttle Control Unit Malfunction

P1586 Throttle Control Unit Throttle Position Malfunction

P1587 Throttle Control Unit Modulated Command Malfunction

P1588 Throttle Control Unit Detected Loss of Return Spring

P1589 TCU Unable To Control Desired Throttle Angle

P1600 Loss of KAM Power; Open Circuit

P1601 ECM/TCM Serial Communication Error

P1602 Immobilizer/ECM Communication Error

P1603 EEPROM Malfunction

P1604 Code Word Unregistered

P1605 Keep Alive Memory Test Failure

P1606 ECM Control Relay O/P Circuit Malfunction

P1607 MIL O/P Circuit Malfunction

P1608 Internal ECM Malfunction

P1609 Diagnostic Lamp Driver Fault

P1610 SBDS Interactive Codes

P1611 SBDS Interactive Codes

P1612 SBDS Interactive Codes

P1613 SBDS Interactive Codes

P1614 SBDS Interactive Codes

P1615 SBDS Interactive Codes

P1616 SBDS Interactive Codes

P1617 SBDS Interactive Codes

P1618 SBDS Interactive Codes

P1619 SBDS Interactive Codes

P1620 SBDS Interactive Codes

P1621 Control Module Long Term Memory Performance/ Immobilizer Code Words Do Not Match

P1622 Immobilizer ID Does Not Match

P1623 Immobilizer Code Word/ID Number Write Failure

P1624 Anti Theft System

P1625 B+ Supply To VCRM Fan Circuit Malfunction

P1626 Theft Deterrent Fuel Enable Signal Not Received/ B+ Supply To VCRM A/C Circuit

P1627 Module Supply Voltage Out Of Range

P1628 Module Ignition Supply Input Malfunction

P1629 Internal Voltage Regulator Malfunction

P1630 Internal Vref Malfunction

P1631 Theft Deterrent Start Enable Signal Not Correct/ Main Relay Malfunction (Power Hold)

P1632 Smart Alternator Faults Sensor/Circuit Malfunction

P1633 KAM Voltage Too Low

P1634 Data Output Link Circuit Failure

P1635 Tire / Axle Ratio Out of Acceptable Range

P1636 Inductive Signature Chip Communication Error

P1637 Can Link ECM/ABSCM Circuit / Network Malfunction

P1638 Can Link ECM/INSTM Circuit / Network Malfunction

P1639 Vehicle ID Block Corrupted or Not Programmed

P1640 Powertrain DTCs Available in Another Module

P1641 Fuel Pump Primary Circuit Failure

P1642 Fuel Pump Monitor Circuit High Input

P1643 Fuel Pump Monitor Circuit Low Input

P1644 Fuel Pump Speed Control Circuit Malfunction

P1645 Fuel Pump Resistor Switch Circuit Malfunction

P1650 PSP Switch Out of Self Test Range

P1651 PSP Switch Input Malfunction

P1652 IAC Monitor Disabled by PSP Switch Failed On

P1653 Power Steering Output Circuit Malfunction

P1654 Recirculation Override Circuit Malfunction

P1655 Starter Disable Circuit Malfunction

P1660 Output Circuit Check Signal High

P1661 Output Circuit Check Signal Low

P1662 IDM\_EN Circuit Failure

P1663 Fuel Demand Command Signal Circuit Malfunction

P1667 CI Circuit Malfunction

P1668 PCM - IDM Communications Error

P1670 Electronic Feedback Signal Not Detected

P1680 Metering Oil Pump Malfunction

P1681 Metering Oil Pump Malfunction

P1682 Metering Oil Pump Malfunction

P1683 Metering Oil Pump Temperature Sensor Circuit Malfunction

P1684 Metering Oil Pump Position Sensor Circuit Malfunction

P1685 Metering Oil Pump Stepping Motor Circuit Malfunction

P1686 Metering Oil Pump Stepping Motor Circuit Malfunction

P1687 Metering Oil Pump Stepping Motor Circuit Malfunction

P1688 Metering Oil Pump Stepping Motor Circuit Malfunction

P1689 Oil Pressure Control Solenoid Circuit Malfunction

P1690 Wastegate Solenoid Circuit Malfunction

P1691 Turbo Pressure Control Solenoid Circuit Malfunction

P1692 Turbo Control Solenoid Circuit Malfunction

P1693 Turbo Charge Control Circuit Malfunction

P1694 Turbo Charge Relief Circuit Malfunction

P1700 Transmission Indeterminate Failure (Failed to Neutral)

P1701 Reverse Engagement Error

P1702 TRS Circuit Intermittent Malfunction

P1703 Brake Switch Out Of Self Test Range

P1704 Digital TRS Failed to Transition States in KOEO / KOER

P1705 Not in P or N During KOEO / KOER

P1706 High Vehicle Speed Observed in Park

P1707 Transfer Case Neutral Indicator Hard Fault Present

P1708 Clutch Switch Circuit Malfunction

P1709 PNP Switch Out Of Self Test Range

P1711 TFT Sensor Out Of Self Test Range

P1712 Trans Torque Reduction Request Signal Malfunction

P1713 TFT Sensor In Range Failure Low Value

P1714 SSA Inductive Signature Malfunction

P1715 SSB Inductive Signature Malfunction

P1716 SSC Inductive Signature Malfunction

P1717 SSD Inductive Signature Malfunction

P1718 TFT Sensor In Range Failure High

P1720 Vehicle Speed (Meter) Circuit Malfunction

P1721 Gear 1 Incorrect Ratio

P1722 Gear 2 Incorrect Ratio

P1723 Gear 3 incorrect Ratio

P1724 Gear 4 Incorrect Ratio

P1725 Insufficient Engine Speed Increase During Self Test

P1726 Insufficient Engine Speed Decrease During Self Test

P1727 Coast Clutch Solenoid Inductive Signature Malfunction

P1728 Transmission Slip Error

P1729 4x4 Low Switch Error

P1730 Gear Control Malfunction 2,3,5

P1731 1-2 Shift Malfunction

P1732 2-3 Shift Malfunction

P1733 3-4 Shift Malfunction

P1734 Gear Control Malfunction

P1735 First Gear Switch Circuit Malfunction

P1736 Second Gear Switch Circuit Malfunction

P1737 Lockup Solenoid System

P1738 Shift Time Error

P1739 Slip Solenoid System

P1740 Torque Converter Clutch Inductive Signature Malfunction

P1741 Torque Converter Clutch Control Error

P1742 Torque Converter Clutch Solenoid Failed On

P1743 Torque Converter Clutch Solenoid Failed On

P1744 Torque Converter Clutch System Performance

P1745 Line Pressure Solenoid System

P1746 Pressure Control Solenoid "A" Open Circuit

P1747 Pressure Control Solenoid "A" Short Circuit

P1748 EPC Malfunction

P1749 Pressure Control Solenoid Failed Low

P1751 Shift Solenoid A Performance

P1754 Coast Clutch Solenoid Circuit Malfunction

P1755 Intermediate Speed Sensor (ISS) Malfunction

P1756 Shift Solenoid B Performance

P1760 Pressure Control Solenoid "A" Short Circuit

P1761 Shift Solenoid C Performance

P1762 Overdrive Band Failed Off

P1765 Timing Solenoid Circuit Malfunction

P1767 Torque Converter Clutch Circuit Malfunction

P1768 Performance / Normal / Winter Mode Input Malfunction

P1769 AG4 Transmission Torque Modulation Fault

P1770 Clutch Solenoid Circuit Malfunction

P1775 Transmission System MIL Fault

P1776 Ignition Retard Request Duration Fault

P1777 Ignition Retard Request Circuit Fault

P1778 Transmission Reverse I/P Circuit Malfunction

P1779 TCIL Circuit Malfunction

P1780 Trans Control Switch (O/D Cancel) Out of Self Test Range

P1781 4X4 Switch Out of Self Test Range

P1782 P/ES Circuit Out Of Self Test Range

P1783 Transmission Overtemperature Condition

P1784 Transmission Mechanical Failure - First And Reverse

P1785 Transmission Mechanical Failure - First And Second

P1786 3-2 Downshift Error

P1787 2-1 Downshift Error

P1788 Pressure Control Solenoid "B" Open Circuit

P1789 Pressure Control Solenoid "B" Short Circuit

P1790 TP (Mechanical) Circuit Malfunction

P1791 TP (Electric) Circuit Malfunction

P1792 Barometer Pressure Circuit Malfunction

P1793 Intake Air Volume Circuit Malfunction

P1794 Battery Voltage Circuit Malfunction

P1795 Idle Switch Circuit Malfunction

P1796 Kick Down Switch Circuit Malfunction

P1797 Neutral Switch Circuit Malfunction

P1798 Coolant Temperature Circuit Malfunction

P1799 Hold Switch Circuit Malfunction

P1800 Transmission Clutch Interlock Safety Switch Circuit Failure

P1801 Transmission Clutch Interlock Safety Switch Open Circuit

P1802 Transmission Clutch Interlock Safety Switch Short Circuit To Battery

P1803 Transmission Clutch Interlock Safety Switch Short Circuit To Ground

P1804 Transmission 4-Wheel Drive High Indicator Circuit Failure

P1805 Transmission 4-Wheel Drive High Indicator Open Circuit

P1806 Transmission 4-Wheel Drive High Indicator Short Circuit To Battery

P1807 Transmission 4-Wheel Drive High Indicator Short Circuit To Ground

P1808 Transmission 4-Wheel Drive Low Indicator Circuit Failure

P1809 Transmission 4-Wheel Drive Low Indicator Open Circuit

P1810 TFP Valve Position Switch Circuit/ Transmission 4-Wheel Drive Low Indicator Short Circuit To

Battery

P1811 Transmission 4-Wheel Drive Low Indicator Short Circuit To Ground

P1812 Transmission 4-Wheel Drive Mode Select Circuit Failure

- P1813 Transmission 4-Wheel Drive Mode Select Open Circuit
- P1814 Transmission 4-Wheel Drive Mode Select Short Circuit To Battery
- P1815 Transmission 4-Wheel Drive Mode Select Short Circuit To Ground
- P1816 Transmission Neutral Safety Switch Circuit Failure
- P1817 Transmission Neutral Safety Switch Open Circuit
- P1818 Transmission Neutral Safety Switch Short Circuit To Battery
- P1819 Transmission Neutral Safety Switch Short Circuit To Ground
- P1820 Transmission Transfer Case Clockwise Shift Relay Coil Circuit Failure
- P1821 Transmission Transfer Case Clockwise Shift Relay Coil Open Circuit
- P1822 Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Battery
- P1823 Transmission Transfer Case Clockwise Shift Relay Coil Short Circuit To Ground
- P1824 Transmission 4-Wheel Drive Clutch Relay Circuit Failure
- P1825 Transmission 4-Wheel Drive Clutch Relay Open Circuit
- P1826 Transmission 4-Wheel Drive Low Clutch Relay Circuit To Battery
- P1827 Transmission 4-Wheel Drive Low Clutch Relay Circuit To Ground
- P1828 Transmission Transfer Case Counter Clockwise Shift Relay Coil Circuit Failure
- P1829 Transmission Transfer Case Counter Clockwise Shift Relay Coil Open Circuit
- P1830 Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Battery
- P1831 Transmission Transfer Case Counter Clockwise Shift Relay Coil Short Circuit To Ground
- P1832 Transmission Transfer Case Differential Lock-Up Solenoid Circuit Failure
- P1833 Transmission Transfer Case Differential Lock-Up Solenoid Open Circuit
- P1834 Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Battery
- P1835 Transmission Transfer Case Differential Lock-Up Solenoid Short Circuit To Ground

P1836 Transmission Transfer Case Front Shaft Speed Sensor Circuit Failure

P1837 Transmission Transfer Case Rear Shaft Speed Sensor Circuit Failure

P1838 Transmission Transfer Case Shift Motor Circuit Failure

P1839 Transmission Transfer Case Shift Motor Open Circuit

P1840 Transmission Transfer Case Shift Motor Short Circuit To Battery

P1841 Transmission Transfer Case Shift Motor Short Circuit To Ground

P1842 Transmission Transfer Case Differential Lock-Up Feedback Switch Circuit Failure

P1843 Transmission Transfer Case Differential Lock-Up Feedback Switch Open Circuit

P1844 Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Battery

P1845 Transmission Transfer Case Differential Lock-Up Feedback Switch Short Circuit To Ground

P1846 Transmission Transfer Case Contact Plate 'A' Circuit Failure

P1847 Transmission Transfer Case Contact Plate 'A' Open Circuit

P1848 Transmission Transfer Case Contact Plate 'A' Short Circuit To Battery

P1849 Transmission Transfer Case Contact Plate 'A' Short Circuit To Ground

P1850 Transmission Transfer Case Contact Plate 'B' Circuit Failure

P1851 Transmission Transfer Case Contact Plate 'B' Open Circuit

P1852 Transmission Transfer Case Contact Plate 'B' Short Circuit To Battery

P1853 Transmission Transfer Case Contact Plate 'B' Short Circuit To Ground

P1854 Transmission Transfer Case Contact Plate 'C' Circuit Failure

P1855 Transmission Transfer Case Contact Plate 'C' Open Circuit

P1856 Transmission Transfer Case Contact Plate 'C' Short Circuit To Battery

P1857 Transmission Transfer Case Contact Plate 'C' Short Circuit To Ground

P1858 Transmission Transfer Case Contact Plate 'D' Circuit Failure

P1859 Transmission Transfer Case Contact Plate 'D' Open Circuit

P1860 TCC PWM Solenoid Circuit Electrical/ Transmission Transfer Case Contact Plate 'D' Short

Circuit To Battery

P1861 Transmission Transfer Case Contact Plate 'D' Short Circuit To Ground

P1862 Transmission Transfer Case Contact Plate Power Circuit Failure

P1863 Transmission Transfer Case Contact Plate Power Open Circuit

P1864 Transmission Transfer Case Contact Plate Power Short To Battery

P1865 Transmission Transfer Case Contact Plate Power Short To Ground

P1866 Transmission Transfer Case System Concern - Servicing Required

P1867 Transmission Transfer Case Contact Plate General Circuit Failure

P1868 Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Failure

P1869 Transmission Automatic 4-Wheel Drive Indicator (Lamp) Circuit Short To Battery

P1870 Transmission Component Slipping/ Transmission Mechanical Transfer Case 4x4 Switch

Circuit Failure

P1871 Transmission Mechanical Transfer Case 4x4 Switch Circuit Short To Battery

P1872 Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Failure

P1873 Transmission Mechanical 4-Wheel Drive Axle Lock Lamp Circuit Short To Battery

P1874 Transmission Automatic Hall Effect Sensor Power Circuit Failure

P1875 Transmission Automatic Hall Effect Sensor Power Circuit Short To Battery / 4WD Low Switch

Circuit Electrical

P1876 Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Failure

P1877 Transmission Transfer Case 2-Wheel Drive Solenoid Circuit Short To Battery

P1878 Transmission Transfer Case Disengaged Solenoid Circuit Failure

P1879 Transmission Transfer Case Disengaged Solenoid Open Circuit

P1880 Transmission Transfer Case Disengaged Solenoid Short to Battery

P1881 Engine Coolant Level Switch Circuit Failure, GEM

P1882 Engine Coolant Level Switch Circuit Short to Ground

P1883 Engine Coolant Level Switch Circuit Failure, GEM

P1884 Engine Coolant Level Lamp Circuit Short to Ground

P1885 Transmission Transfer Case Disengaged Solenoid Short to Ground

P1886 4X4 Initialization Failure

P1890 Transmission 4WD Mode Select Return Input Circuit Failure

P1891 Transmission Transfer Case Contact Plate Ground Return Open Circuit

P1900 OSS Circuit Intermittent Malfunction

P1901 TSS Circuit Intermittent Malfunction

P1902 Pressure Control Solenoid "B" Intermittent Short

P1903 Pressure Control Solenoid "C" Short Circuit

P1904 Pressure Control Solenoid "C" Open Circuit

P1905 Pressure Control Solenoid "C" Intermittent Short

P1906 Kickdown Pull Relay Open or Short Circuit to Ground

P1907 Kickdown Hold Relay Open or Short Circuit to Ground

P1908 Transmission Pressure Circuit Solenoid Open or Short to Ground

P1909 Trans Temp Sensor Circuit Open or Shorted to Pwr or Gnd

P1910 VFS A Pressure Output Failed Low

P1911 VFS B Pressure Output Failed Low

P1912 VFS C Pressure Output Failed Low

P1913 Pressure Switch A Circuit Malfunction

P1914 Manually Shifted Automatic (MSA) Sw Circuit Malf

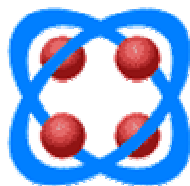
P1915 Reverse Switch Circuit Malfunction

P1916 High Clutch Drum Speed Sensor Malfunction

P1917 High Clutch Drum Speed Sensor Intermittent

P1918 Transmission Range Display Circuit Malfunction

**Os créditos desta Lista 4 vão para o site Autostoring. 🙌**



## ***Lista 5***

**The following Diagnostic Trouble Code Definitions lists provide only Generic Diagnostic Trouble Codes. For Manufacturer Specific Diagnostic Trouble Code Definitions, consult the vehicle's service Manual or the enclosed CD software.**

**CAUTION: Parts or components should not be replaced based on only a DTC without first consulting the vehicle service manual for more information on possible causes of the fault as well as required testing procedures.**

P0001 Fuel Volume Regulator Control Circuit Open  
P0002 Fuel Volume Regulator Control Circuit Range/Performance  
P0003 Fuel Volume Regulator Control Circuit Low  
P0004 Fuel Volume Regulator Control Circuit High  
P0005 Fuel Shutoff Valve. A Control Circuit Open  
P0006 Fuel Shutoff Valve. A Control Circuit Low  
P0007 Fuel Shutoff Valve. A Control Circuit High  
P0008 Engine Position System Performance (Bank 1)  
P0009 Engine Position System Performance (Bank 2)  
P0010 Camshaft Position Actuator A - Bank 1 Circuit Malfunction  
P0011 Camshaft Position Actuator A -Bank 1 Timing Over-Advanced  
P0012 Camshaft Position Actuator A - Bank 1 Timing Over-Retarded  
P0013 Camshaft Position Actuator B - Bank 1 Circuit Malfunction  
P0014 Camshaft Position Actuator B - Bank 1 Timing Over-Advanced  
P0015 Camshaft Position Actuator B - Bank 1 Timing Over-Retarded  
P0016 Cam/Crankshaft Pos. Correlation Sensor A - Bank 1  
P0017 Cam/Crankshaft Pos. Correlation Sensor B - Bank 1  
P0018 Cam/Crankshaft Pos. Correlation Sensor A - Bank 2  
P0019 Cam/Crankshaft Pos. Correlation Sensor B - Bank 2  
P0020 Camshaft Position Actuator A - Bank 2 Circuit Malfunction  
P0021 Camshaft Position Actuator A - Bank 2 Timing Over-Advanced  
P0022 Camshaft Position Actuator A - Bank 2 Timing Over-Retarded  
P0023 Camshaft Position Actuator B - Bank 2 Circuit Malfunction  
P0024 Camshaft Position Actuator B - Bank 2 Timing Over-Advanced  
P0025 Camshaft Position Actuator B - Bank 2 Timing Over-Retarded  
P0026 Intake Valve-Bank 1 Control Solenoid CKT Range/Performance  
P0027 Exhaust Valve-Bank1 Control Solenoid CKT Range/Performance  
P0028 Intake Valve-Bank 2 Control Solenoid CKT Range/Performance  
P0029 Exhaust Valve-Bank2 Control Solenoid CKT Range/Performance  
P0030 HO2S Bank 1 Sensor 1 Heater Circuit  
P0031 HO2S Bank 1 Sensor 1 Heater Circuit Low  
P0032 HO2S Bank 1 Sensor 1 Heater Circuit High  
P0033 Turbo/Sup Wastegate Control Circuit

P0034 Turbo/Sup Wastegate Control Circuit Low  
P0035 Turbo/Sup Wastegate Control Circuit High  
P0036 HO2S Bank 1 Sensor 2 Heater Circuit  
P0037 HO2S Bank 1 Sensor 2 Heater Circuit Low  
P0038 HO2S Bank 1 Sensor 2 Heater Circuit High  
P0039 Turbo/Super Charger Bypass Control CKT Performance  
P0040 O2 Bank 1 Sensor 1 Signals Swapped w/ O2 Bank 2 Sensor 1  
P0041 O2 Bank 1 Sensor 2 Signals Swapped w/ O2 Bank 2 Sensor 2  
P0042 HO2S Bank 1 Sensor 3 Heater Circuit  
P0043 HO2S Bank 1 Sensor 3 Heater Circuit Low  
P0044 HO2S Bank 1 Sensor 3 Heater Circuit High  
P0045 Turbo/Super Charger Boost Control Solenoid A Circuit Open  
P0046 Turbo/Super Charger Boost Control Solenoid A Circuit Range/ Performance  
P0047 Turbo/Super Charger Boost Control Solenoid A Circuit Low  
P0048 Turbo/Super Charger Boost Control Solenoid A Circuit High  
P0049 Turbo/Super Charger Boost Input/Turbine Speed Overspeed  
P0050 HO2S Bank 2 Sensor 1 Heater Circuit  
P0051 HO2S Bank 2 Sensor 1 Heater Circuit Low  
P0052 HO2S Bank 2 Sensor 1 Heater Circuit High  
P0053 HO2S Bank 1 Sensor 1 Heater Resistance  
P0054 HO2S Bank 1 Sensor 2 Heater Resistance  
P0055 HO2S Bank 1 Sensor 3 Heater Resistance  
P0056 HO2S Bank 2 Sensor 2 Heater Circuit  
P0057 HO2S Bank 2 Sensor 2 Heater Circuit Low  
P0058 HO2S Bank 2 Sensor 2 Heater Circuit High  
P0059 HO2S Bank 2 Sensor 1 Heater Resistance  
P0060 HO2S Bank 2 Sensor 2 Heater Resistance  
P0061 HO2S Bank 2 Sensor 3 Heater Resistance  
P0062 HO2S Bank 2 Sensor 3 Heater Circuit  
P0063 HO2S Bank 2 Sensor 3 Heater Circuit Low  
P0064 HO2S Bank 2 Sensor 3 Heater Circuit High  
P0065 Air Assisted Injector. Control Range/Performance  
P0066 Air Assisted Injector. Control Circuit Low  
P0067 Air Assisted Injector. Control Circuit High  
P0068 MAF/MAP Sensor Throttle Position Correlation  
P0069 MAP/BARO Correlation  
P0070 Ambient Air Temp. Sensor Circuit  
P0071 Ambient Air Temp. Sensor Range/Performance  
P0072 Ambient Air Temp. Sensor Circuit Low  
P0073 Ambient Air Temp. Sensor Circuit High  
P0074 Ambient Air Temp. Sensor CKT Intermittent  
P0075 Intake Valve-Bank 1 Control Circuit  
P0076 Intake Valve-Bank 1 Control Circuit Low  
P0077 Intake Valve-Bank 1 Control Circuit High  
P0078 Exhaust Valve-Bank1 Control Circuit  
P0079 Exhaust Valve-Bank1 Control Circuit Low  
P0080 Exhaust Valve-Bank1 Control Circuit High  
P0081 Intake Valve-Bank 2 Control Circuit  
P0082 Intake Valve-Bank 2 Control Circuit Low  
P0083 Intake Valve-Bank 2 Control Circuit High

P0084 Exhaust Valve-Bank2 Control Circuit  
P0085 Exhaust Valve-Bank2 Control Circuit Low  
P0086 Exhaust Valve-Bank2 Control Circuit High  
P0087 Fuel Rail Pressure Too Low  
P0088 Fuel Rail Pressure Too High  
P0089 Fuel Pressure Regulator 1 Performance  
P0090 Fuel Pressure Regulator 1 Control Circuit  
P0091 Fuel Pressure Regulator 1 Control Circuit Low  
P0092 Fuel Pressure Regulator 1 Control Circuit High  
P0093 Fuel System Leak (Large)  
P0094 Fuel System Leak (Small)  
P0095 IAT Sensor 2 Circuit  
P0096 IAT Sensor 2 CKT Range/Performance  
P0097 IAT Sensor 2 Circuit Low  
P0098 IAT Sensor 2 Circuit High  
P0099 IAT Sensor 2 CKT Intermittent  
P0100 MAF or VAF A Circuit Malfunction  
P0101 MAF or VAF A Circuit Range/Performance  
P0102 MAF or VAF A Circuit Low Input  
P0103 MAF or VAF A Circuit High Input  
P0104 MAF or VAF A Circuit Intermittent  
P0105 MAP/BARO Circuit Malfunction  
P0106 MAP/BARO CKT Range/Performance  
P0107 MAP/BARO Circuit Low Input  
P0108 MAP/BARO Circuit High Input  
P0109 MAP/BARO CKT Intermittent  
P0110 IAT Sensor Circuit Malfunction  
P0111 IAT Sensor 1 CKT Range/Performance  
P0112 IAT Sensor 1 Circuit Low Input  
P0113 IAT Sensor 1 Circuit High Input  
P0114 IAT Sensor 1 CKT Intermittent  
P0115 Engine Coolant Temp Circuit Malfunction  
P0116 Engine Coolant Temp CKT Range/Performance  
P0117 Engine Coolant Temp Circuit Low Input  
P0118 Engine Coolant Temp Circuit High Input  
P0119 Engine Coolant Temp CKT Intermittent  
P0120 TPS/Pedal Position Sensor A Circuit Malfunction  
P0121 TPS/Pedal Position Sensor A CKT Range/Performance  
P0122 TPS/Pedal Position Sensor A Circuit Low Input  
P0123 TPS/Pedal Position Sensor A Circuit High Input  
P0124 TPS/Pedal Position Sensor A CKT Intermittent  
P0125 Closed Loop Fuel Ctrl Insufficient Coolant Temp  
P0126 Coolant Temp Insufficient Stable Operation  
P0127 IAT Sensor Too High  
P0128 Coolant Temp Below Thermostat Regulating Temp  
P0129 Barometric Pressure Too Low  
P0130 O2 Sensor Circuit Malfunction (Bank 1 Sensor 1)  
P0131 O2 Sensor Circuit Low Volts (Bank 1 Sensor 1)  
P0132 O2 Sensor Circuit High Volts (Bank 1 Sensor 1)  
P0133 O2 Sensor CKT Slow Response (Bank 1 Sensor 1)

P0134 O2 Sensor CKT No Activity (Bank 1 Sensor 1)  
P0135 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 1)  
P0136 O2 Sensor Circuit Malfunction (Bank 1 Sensor 2)  
P0137 O2 Sensor Circuit Low Volts (Bank 1 Sensor 2)  
P0138 O2 Sensor Circuit High Volts (Bank 1 Sensor 2)  
P0139 O2 Sensor CKT Slow Response (Bank 1 Sensor 2)  
P0140 O2 Sensor CKT No Activity (Bank 1 Sensor 2)  
P0141 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 2)  
P0142 O2 Sensor Circuit Malfunction (Bank 1 Sensor 3)  
P0143 O2 Sensor Circuit Low Volts (Bank 1 Sensor 3)  
P0144 O2 Sensor Circuit High Volts (Bank 1 Sensor 3)  
P0145 O2 Sensor CKT Slow Response (Bank 1 Sensor 3)  
P0146 O2 Sensor CKT No Activity (Bank 1 Sensor 3)  
P0147 O2 Sensor Heater Circuit Malfunction (Bank 1 Sensor 3)  
P0148 Fuel Delivery Malfunction  
P0149 Fuel Timing Malfunction  
P0150 O2 Sensor Circuit Malfunction (Bank 2 Sensor 1)  
P0151 O2 Sensor Circuit Low Volts (Bank 2 Sensor 1)  
P0152 O2 Sensor Circuit High Volts (Bank 2 Sensor 1)  
P0153 O2 Sensor CKT Slow Response (Bank 2 Sensor 1)  
P0154 O2 Sensor CKT No Activity (Bank 2 Sensor 1)  
P0155 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 1)  
P0156 O2 Sensor Circuit Malfunction (Bank 2 Sensor 2)  
P0157 O2 Sensor Circuit Low Volts (Bank 2 Sensor 2)  
P0158 O2 Sensor Circuit High Volts (Bank 2 Sensor 2)  
P0159 O2 Sensor CKT Slow Response (Bank 2 Sensor 2)  
P0160 O2 Sensor CKT No Activity (Bank 2 Sensor 2)  
P0161 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 2)  
P0162 O2 Sensor Circuit Malfunction (Bank 2 Sensor 3)  
P0163 O2 Sensor Circuit Low Volts (Bank 2 Sensor 3)  
P0164 O2 Sensor Circuit High Volts (Bank 2 Sensor 3)  
P0165 O2 Sensor CKT Slow Response (Bank 2 Sensor 3)  
P0166 O2 Sensor CKT No Activity (Bank 2 Sensor 3)  
P0167 O2 Sensor Heater Circuit Malfunction (Bank 2 Sensor 3)  
P0168 Engine Fuel Temperature Too High  
P0169 Fuel Composition Incorrect  
P0170 Fuel Trim Malfunction (Bank 1)  
P0171 System Too Lean (Bank 1)  
P0172 System Too Rich (Bank 1)  
P0173 Fuel Trim Malfunction (Bank 2)  
P0174 System Too Lean (Bank 2)  
P0175 System Too Rich (Bank 2)  
P0176 Fuel Compensation Sensor Circuit Malfunction  
P0177 Fuel Compensation Sensor CKT Range/Performance  
P0178 Fuel Compensation Sensor Circuit Low Input  
P0179 Fuel Compensation Sensor Circuit High Input  
P0180 Fuel Temperature Sensor A Circuit Malfunction  
P0181 Fuel Temperature Sensor A CKT Range/Performance  
P0182 Fuel Temperature Sensor A Circuit Low Input  
P0183 Fuel Temperature Sensor A Circuit High Input

P0184 Fuel Temperature Sensor A CKT Intermittent  
P0185 Fuel Temperature Sensor B Circuit Malfunction  
P0186 Fuel Temperature Sensor B CKT Range/Performance  
P0187 Fuel Temperature Sensor B Circuit Low Input  
P0188 Fuel Temperature Sensor B Circuit High Input  
P0189 Fuel Temperature Sensor B CKT Intermittent  
P0190 Fuel Rail Pressure Sensor Circuit Malfunction  
P0191 Fuel Rail Pressure Sensor CKT Range/Performance  
P0192 Fuel Rail Pressure Sensor Circuit Low Input  
P0193 Fuel Rail Pressure Sensor Circuit High Input  
P0194 Fuel Rail Pressure Sensor CKT Intermittent  
P0195 Engine Oil Temp Sensor Circuit Malfunction  
P0196 Engine Oil Temp Sensor CKT Range/Performance  
P0197 Engine Oil Temp Sensor Circuit Low Input  
P0198 Engine Oil Temp Sensor Circuit High Input  
P0199 Engine Oil Temp Sensor CKT Intermittent  
P0200 Injector Circuit Open  
P0201 Injector Circuit Open Cylinder 1  
P0202 Injector Circuit Open Cylinder 2  
P0203 Injector Circuit Open Cylinder 3  
P0204 Injector Circuit Open Cylinder 4  
P0205 Injector Circuit Open Cylinder 5  
P0206 Injector Circuit Open Cylinder 6  
P0207 Injector Circuit Open Cylinder 7  
P0208 Injector Circuit Open Cylinder 8  
P0209 Injector Circuit Open Cylinder 9  
P0210 Injector Circuit Open Cylinder 10  
P0211 Injector Circuit Open Cylinder 11  
P0212 Injector Circuit Open Cylinder 12  
P0213 Cold Start Injector 1 Malfunction  
P0214 Cold Start Injector 2 Malfunction  
P0215 Engine Shutoff Solenoid Malfunction  
P0216 Injection Timing Control Circuit Malfunction  
P0217 Engine Overtemp Condition  
P0218 Transmission Overtemp Condition  
P0219 Engine Overspeed Condition  
P0220 TPS/Pedal Position Sensor/Switch B Circuit Malfunction  
P0221 TPS/Pedal Position Sensor/Switch B CKT Range/Performance  
P0222 TPS/Pedal Position Sensor/Switch B Circuit Low Input  
P0223 TPS/Pedal Position Sensor/Switch B Circuit High Input  
P0224 TPS/Pedal Position Sensor/Switch B CKT Intermittent  
P0225 TPS/Pedal Position Sensor/Switch C Circuit Malfunction  
P0226 TPS/Pedal Position Sensor/Switch C CKT Range/Performance  
P0227 TPS/Pedal Position Sensor/Switch C Circuit Low Input  
P0228 TPS/Pedal Position Sensor/Switch C Circuit High Input  
P0229 TPS/Pedal Position Sensor/Switch C CKT Intermittent  
P0230 Fuel Pump Primary Circuit Malfunction  
P0231 Fuel Pump Secondary Circuit Low  
P0232 Fuel Pump Secondary Circuit High  
P0233 Fuel Pump Secondary Circuit Intermittent Ckt

P0234 Engine Overboost Condition  
P0235 Turbo/Super Boost Sensor A Circuit Malfunction  
P0236 Turbo/Super Boost Sensor A CKT Range/Performance  
P0237 Turbo/Super Boost Sensor A Circuit Low Input  
P0238 Turbo/Super Boost Sensor A Circuit High Input  
P0239 Turbo/Super Boost Sensor B Circuit Malfunction  
P0240 Turbo/Super Boost Sensor B CKT Range/Performance  
P0241 Turbo/Super Boost Sensor B Circuit Low Input  
P0242 Turbo/Super Boost Sensor B Circuit High Input  
P0243 Turbo/Sup Wastegate Solenoid A Malfunction  
P0244 Turbo/Sup Wastegate Solenoid A Range/Performance  
P0245 Turbo/Sup Wastegate Solenoid A Low  
P0246 Turbo/Sup Wastegate Solenoid A High  
P0247 Turbo/Sup Wastegate Solenoid B Malfunction  
P0248 Turbo /Sup Wastegate Solenoid B Range/Performance  
P0249 Turbo/Sup Wastegate Solenoid B Low  
P0250 Turbo/Sup Wastegate Solenoid B High  
P0251 Injection Pump Metering Control A  
P0252 Injection Pump Metering Control A Range/Performance  
P0253 Injection Pump Metering Control A Low  
P0254 Injection Pump Metering Control A High  
P0255 Injection Pump Metering Control A Intermittent (Cam/Rotor/Injector)  
P0256 Injection Pump Metering Control B Malfunction (Cam/Rotor/Injector)  
P0257 Injection Pump Metering Control B Range/Performance  
(Cam/Rotor/Injector)  
P0258 Injection Pump Metering Control B Low (Cam/Rotor/Injector)  
P0259 Injection Pump Metering Control B High (Cam/Rotor/Injector)  
P0260 Injection Pump Metering Control B Intermittent (Cam/Rotor/Injector)  
P0261 Cylinder 1 Injector Control Circuit Low  
P0262 Cylinder 1 Injector Control Circuit High  
P0263 Cylinder 1 Contribution Balance Fault  
P0264 Cylinder 2 Injector Control Circuit Low  
P0265 Cylinder 2 Injector Control Circuit High  
P0266 Cylinder 2 Contribution Balance Fault  
P0267 Cylinder 3 Injector Control Circuit Low  
P0268 Cylinder 3 Injector Control Circuit High  
P0269 Cylinder 3 Contribution Balance Fault  
P0270 Cylinder 4 Injector Control Circuit Low  
P0271 Cylinder 4 Injector Control Circuit High  
P0272 Cylinder 4 Contribution Balance Fault  
P0273 Cylinder 5 Injector Control Circuit Low  
P0274 Cylinder 5 Injector Control Circuit High  
P0275 Cylinder 5 Contribution Balance Fault  
P0276 Cylinder 6 Injector Control Circuit Low  
P0277 Cylinder 6 Injector Control Circuit High  
P0278 Cylinder 6 Contribution Balance Fault  
P0279 Cylinder 7 Injector Control Circuit Low  
P0280 Cylinder 7 Injector Control Circuit High  
P0281 Cylinder 7 Contribution Balance Fault  
P0282 Cylinder 8 Injector Control Circuit Low

P0283 Cylinder 8 Injector Control Circuit High  
P0284 Cylinder 8 Contribution Balance Fault  
P0285 Cylinder 9 Injector Control Circuit Low  
P0286 Cylinder 9 Injector Control Circuit High  
P0287 Cylinder 9 Contribution Balance Fault  
P0288 Cylinder 10 Injector Control Circuit Low  
P0289 Cylinder 10 Injector Control Circuit High  
P0290 Cylinder 10 Contribution Balance Fault  
P0291 Cylinder 11 Injector Control Circuit Low  
P0292 Cylinder 11 Injector Control Circuit High  
P0293 Cylinder 11 Contribution Balance Fault  
P0294 Cylinder 12 Injector Control Circuit Low  
P0295 Cylinder 12 Injector Control Circuit High  
P0296 Cylinder 12 Contribution Balance Fault  
P0297 Vehicle Overspeed Error  
P0298 Engine Oil Temperature Too High  
P0299 Turbo/Super Charger UnderBoost  
P0300 Random/Multiple Cylinder Misfire Detected  
P0301 Cylinder 1 Misfire Detected  
P0302 Cylinder 2 Misfire Detected  
P0303 Cylinder 3 Misfire Detected  
P0304 Cylinder 4 Misfire Detected  
P0305 Cylinder 5 Misfire Detected  
P0306 Cylinder 6 Misfire Detected  
P0307 Cylinder 7 Misfire Detected  
P0308 Cylinder 8 Misfire Detected  
P0309 Cylinder 9 Misfire Detected  
P0310 Cylinder 10 Misfire Detected  
P0311 Cylinder 11 Misfire Detected  
P0312 Cylinder 12 Misfire Detected  
P0313 Misfire Detected Low Fuel Level  
P0314 Misfire Detected Cyl. not Specific  
P0315 Crankshaft Position System Variation Not Learned  
P0316 Misfire Detected 1st 1000 Revs.  
P0317 Rough Road Hardware Not Present  
P0318 Rough Road Sensor A Signal Circuit  
P0319 Rough Road Sensor B  
P0320 Ignition/Dist Engine Speed Input Circuit Malfunction  
P0321 Ignition/Dist Engine Speed Input CKT Range/Performance  
P0322 Ignition/Dist Engine Speed Input Circuit No Signal  
P0323 Ignition/Dist Engine Speed Input CKT Intermittent  
P0324 Knock Control System Malfunction  
P0325 Knock Sensor 1 Circuit Malfunction Bank 1 or 1 Sensor  
P0326 Knock Sensor 1 CKT Range/Performance Bank 1 or 1 Sensor  
P0327 Knock Sensor 1 Circuit Low Input Bank 1 or 1 Sensor  
P0328 Knock Sensor 1 Circuit High Input Bank 1 or 1 Sensor  
P0329 Knock Sensor 1 CKT Intermittent Bank 1 or 1 Sensor  
P0330 Knock Sensor 2 Circuit Malfunction (Bank 2)  
P0331 Knock Sensor 2 CKT Range/Performance (Bank 2)  
P0332 Knock Sensor 2 Circuit Low Input (Bank 2)

P0333 Knock Sensor 2 Circuit High Input (Bank 2)  
P0334 Knock Sensor 2 CKT Intermittent (Bank 2)  
P0335 Crankshaft Position Sensor A Circuit Malfunction  
P0336 Crankshaft Position Sensor A CKT Range/Performance  
P0337 Crankshaft Position Sensor A Circuit Low Input  
P0338 Crankshaft Position Sensor A Circuit High Input  
P0339 Crankshaft Position Sensor A CKT Intermittent  
P0340 Camshaft Position Sensor A - Bank 1 Circuit Malfunction  
P0341 Camshaft Position Sensor A - Bank 1 CKT Range/Performance  
P0342 Camshaft Position Sensor A - Bank 1 Circuit Low Input  
P0343 Camshaft Position Sensor A - Bank 1 Circuit High Input  
P0344 Camshaft Position Sensor A - Bank 1 CKT Intermittent  
P0345 Camshaft Position Sensor A - Bank 2 Circuit Malfunction  
P0346 Camshaft Position Sensor A - Bank 2 CKT Range/Performance  
P0347 Camshaft Position Sensor A - Bank 2 Circuit Low Input  
P0348 Camshaft Position Sensor A - Bank 2 Circuit High Input  
P0349 Camshaft Position Sensor A - Bank 2 CKT Intermittent  
P0350 Ignition Coil Primary/Secondary Circuit Malfunction  
P0351 Ignition Coil A Primary/Secondary Circuit Malfunction  
P0352 Ignition Coil B Primary/Secondary Circuit Malfunction  
P0353 Ignition Coil C Primary/Secondary Circuit Malfunction  
P0354 Ignition Coil D Primary/Secondary Circuit Malfunction  
P0355 Ignition Coil E Primary/Secondary Circuit Malfunction  
P0356 Ignition Coil F Primary/Secondary Circuit Malfunction  
P0357 Ignition Coil G Primary/Secondary Circuit Malfunction  
P0358 Ignition Coil H Primary/Secondary Circuit Malfunction  
P0359 Ignition Coil I Primary/Secondary Circuit Malfunction  
P0360 Ignition Coil J Primary/Secondary Circuit Malfunction  
P0361 Ignition Coil K Primary/Secondary Circuit Malfunction  
P0362 Ignition Coil L Primary/Secondary Circuit Malfunction  
P0363 Misfire Detected Fueling Disabled  
P0365 Camshaft Position Sensor B - Bank 1 Circuit Malfunction  
P0366 Camshaft Position Sensor B - Bank 1 CKT Range/Performance  
P0367 Camshaft Position Sensor B - Bank 1 Circuit Low Input  
P0368 Camshaft Position Sensor B - Bank 1 Circuit High Input  
P0369 Camshaft Position Sensor B - Bank 1 CKT Intermittent  
P0370 Timing Reference High Resolution Signal A Malfunction  
P0371 Timing Reference High Resolution Signal A Too Many Pulses  
P0372 Timing Reference High Resolution Signal A Too Few Pulses  
P0373 Timing Reference High Resolution Signal A Erratic Pulses  
P0374 Timing Reference High Resolution Signal A No Pulses  
P0375 Timing Reference High Resolution Signal B Malfunction  
P0376 Timing Reference High Resolution Signal B Too Many Pulses  
P0377 Timing Reference High Resolution Signal B Too Few Pulses  
P0378 Timing Reference High Resolution Signal B Erratic Pulses  
P0379 Timing Reference High Resolution Signal B No Pulses  
P0380 Glow Plug/Heater CKT A Malfunction  
P0381 Glow Plug/Heater Indicator Circuit Malfunction  
P0382 Glow Plug/Heater CKT B Malfunction  
P0383 Glow Plug Module Control Circuit Low

P0384 Glow Plug Module Control Circuit High  
P0385 Crankshaft Position Sensor B Circuit Malfunction  
P0386 Crankshaft Position Sensor B CKT Range/Performance  
P0387 Crankshaft Position Sensor B Circuit Low Input  
P0388 Crankshaft Position Sensor B Circuit High Input  
P0389 Crankshaft Position Sensor B CKT Intermittent  
P0390 Camshaft Position Sensor B - Bank 2 Circuit Malfunction  
P0391 Camshaft Position Sensor B - Bank 2 CKT Range/Performance  
P0392 Camshaft Position Sensor B - Bank 2 Circuit Low Input  
P0393 Camshaft Position Sensor B - Bank 2 Circuit High Input  
P0394 Camshaft Position Sensor B - Bank 2 CKT Intermittent  
P0400 EGR Flow Malfunction  
P0401 EGR Flow Insufficient  
P0402 EGR Flow Excessive  
P0403 EGR Flow Circuit Malfunction  
P0404 EGR Flow CKT Range/Performance  
P0405 EGR Flow Sensor A Circuit Low Input  
P0406 EGR Flow Sensor A Circuit High Input  
P0407 EGR Flow Sensor B Circuit Low Input  
P0408 EGR Flow Sensor B Circuit High Input  
P0409 EGR Flow Sensor A Circuit  
P0410 Secondary Air Injection System Malfunction  
P0411 Secondary Air Injection System Incorrect Flow  
P0412 Secondary Air Injection System Valve A Malfunction  
P0413 Secondary Air Injection System Valve A CKT Open  
P0414 Secondary Air Injection System Valve A CKT Short  
P0415 Secondary Air Injection System Valve B Malfunction  
P0416 Secondary Air Injection System Valve B CKT Open  
P0417 Secondary Air Injection System Valve B CKT Short  
P0418 Secondary Air Injection System Relay A Malfunction  
P0419 Secondary Air Injection System Relay B Malfunction  
P0420 Catalyst Efficiency Below Threshold (Bank 1)  
P0421 Warm Up Catalyst Below Threshold (Bank 1)  
P0422 Main Catalyst Below Threshold (Bank 1)  
P0423 Heated Catalyst Below Threshold (Bank 1)  
P0424 Heated Catalyst Temp Below Threshold (Bank 1)  
P0425 Catalyst Temp. Sensor (Bank 1 Sensor 1)  
P0426 Catalyst Temp. Sensor Performance (Bank 1 Sensor 1)  
P0427 Catalyst Temp. Sensor Circuit Low (Bank 1 Sensor 1)  
P0428 Catalyst Temp. Sensor Circuit High (Bank 1 Sensor 1)  
P0429 Catalyst Heater Control (Bank 1)  
P0430 Catalyst Efficiency Below Threshold (Bank 2)  
P0431 Warm Up Catalyst Below Threshold (Bank 2)  
P0432 Main Catalyst Below Threshold (Bank 2)  
P0433 Heated Catalyst Below Threshold (Bank 2)  
P0434 Heated Catalyst Temp Below Threshold (Bank 2)  
P0435 Catalyst Temp. Sensor (Bank 2 Sensor 1)  
P0436 Catalyst Temp. Sensor Performance (Bank 2 Sensor 1)  
P0437 Catalyst Temp. Sensor Circuit Low (Bank 2 Sensor 1)  
P0438 Catalyst Temp. Sensor Circuit High (Bank 2 Sensor 1)

P0439 Catalyst Heater Control (Bank 2)  
P0440 EVAP Emission Control System Malfunction  
P0441 EVAP Emission Control System Purge Flow Fault  
P0442 EVAP Emission Control System Leak (Small)  
P0443 EVAP Emission Control System Purge Valve C Fault  
P0444 EVAP Emission Control System Purge Valve C Open  
P0445 EVAP Emission Control System Purge Valve C Short  
P0446 EVAP Emission Control System Vent Circuit Malf  
P0447 EVAP Emission Control System Vent Circuit Open  
P0448 EVAP Emission Control System Vent Circuit Short  
P0449 EVAP Emission Control System Vent Vlv/Sol Malf  
P0450 EVAP Emission Control System Pres Sensor Fault  
P0451 EVAP Emission Control System Pres Sensor Range  
P0452 EVAP Emission Control System Pres Sensor Low  
P0453 EVAP Emission Control System Pres Sensor High  
P0454 EVAP Emission Control System Pres Sensor Erratic  
P0455 EVAP Emission Control System Leak (Large)  
P0456 EVAP Emission Control System Leak Very Small  
P0457 EVAP Emission Control System Leak Cap Loose/Off  
P0458 EVAP System Canister Purge Sol Circuit Low  
P0459 EVAP System Canister Purge Sol Circuit High  
P0460 Fuel Level Sensor A Circuit Malfunction  
P0461 Fuel Level Sensor A CKT Range/Performance  
P0462 Fuel Level Sensor A Circuit Low Input  
P0463 Fuel Level Sensor A Circuit High Input  
P0464 Fuel Level Sensor A CKT Intermittent  
P0465 EVAP Emission Purge Flow Sensor Circuit Malfunction  
P0466 EVAP Emission Purge Flow Sensor CKT Range/Performance  
P0467 EVAP Emission Purge Flow Sensor Circuit Low Input  
P0468 EVAP Emission Purge Flow Sensor Circuit High Input  
P0469 EVAP Emission Purge Flow Sensor CKT Intermittent  
P0470 Exhaust Pressure Sensor Circuit Malfunction  
P0471 Exhaust Pressure Sensor CKT Range/Performance  
P0472 Exhaust Pressure Sensor Circuit Low Input  
P0473 Exhaust Pressure Sensor Circuit High Input  
P0474 Exhaust Pressure Sensor CKT Intermittent  
P0475 Exhaust Pressure Control Valve Circuit Malfunction  
P0476 Exhaust Pressure Control Valve CKT Range/Performance  
P0477 Exhaust Pressure Control Valve Circuit Low Input  
P0478 Exhaust Pressure Control Valve Circuit High Input  
P0479 Exhaust Pressure Control Valve CKT Intermittent  
P0480 Cooling Fan 1 Control Circuit  
P0481 Cooling Fan 2 Control Circuit  
P0482 Cooling Fan 3 Control Circuit  
P0483 Control Fan Rationality Check Malfunction  
P0484 Control Fan CKT Over Current  
P0485 Control Fan Power/Ground Circuit Malfunction  
P0486 EGR System Sensor B Circuit  
P0487 EGR TPS Control Circuit  
P0488 EGR TPS Control CKT Range/Performance

P0489 EGR Control Circuit Low  
P0490 EGR Control Circuit High  
P0491 Secondary Air System (Bank 1)  
P0492 Secondary Air System (Bank 2)  
P0493 Fan Speed Overspeed  
P0494 Fan Speed Low  
P0495 Fan Speed High  
P0496 EVAP Emission High Purge Flow Fault  
P0497 EVAP Emission Low Purge Flow Fault  
P0498 EVAP Emission Vent Vlv/Sol Malf Circuit Low  
P0499 EVAP Emission Vent Vlv/Sol Malf Circuit High  
P0500 Vehicle Speed Sensor A Malfunction  
P0501 Vehicle Speed Sensor A Range/Performance  
P0502 Vehicle Speed Sensor A Circuit Low Input  
P0503 Vehicle Speed Sensor A Erratic/High  
P0504 Brake Switch A Brake Switch B Correlation  
P0505 Idle Control System Malfunction  
P0506 Idle Control System RPM Low  
P0507 Idle Control System RPM High  
P0508 Idle Control System Circuit Low  
P0509 Idle Control System Circuit High  
P0510 Closed Throttle Position Switch  
P0511 Idle Air Control Circuit  
P0512 Starter Signal Circuit  
P0513 Immobilizer Incorrect  
P0514 Battery Temperature Sensor CKT Range/Performance  
P0515 Battery Temperature Sensor Circuit  
P0516 Battery Temperature Circuit Low  
P0517 Battery Temperature Circuit High  
P0518 Idle Air Control CKT Intermittent  
P0519 Idle Air Control System Performance  
P0520 Engine Oil Pressure Sensor/Switch Circuit Malfunction  
P0521 Engine Oil Pressure Sensor/Switch Range/Performance  
P0522 Engine Oil Pressure Sensor/Switch Low Voltage  
P0523 Engine Oil Pressure Sensor/Switch High Voltage  
P0524 Engine Oil Pressure Too Low  
P0525 Cruise Servo CKT Range/Performance  
P0526 Fan Speed Sensor Circuit  
P0527 Fan Speed Sensor CKT Range/Performance  
P0528 Fan Speed Sensor Circuit No Signal  
P0529 Fan Speed Sensor CKT Intermittent  
P0530 A/C Refrigerant Pressure Sensor A Circuit Malfunction  
P0531 A/C Refrigerant Pressure Sensor A CKT Range/Performance  
P0532 A/C Refrigerant Pressure Sensor A Circuit Low Input  
P0533 A/C Refrigerant Pressure Sensor A Circuit High Input  
P0534 A/C Refrigerant Charge Loss  
P0535 A/C Evaporator Temperature Sensor Circuit  
P0536 A/C Evaporator Temperature Sensor CKT Range/Performance  
P0537 A/C Evaporator Temperature Sensor Circuit Low  
P0538 A/C Evaporator Temperature Sensor Circuit High

P0539 A/C Evaporator Temperature Sensor CKT Intermittent  
P0540 Intake Air Heater A Circuit  
P0541 Intake Air Heater A Circuit Low  
P0542 Intake Air Heater A Circuit High  
P0543 Intake Air Heater A Circuit Open  
P0544 Exhaust Gas Temp. Sensor Circuit (Bank 1 Sensor 1)  
P0545 Exhaust Gas Temp. Sensor Circuit Low (Bank 1 Sensor 1)  
P0546 Exhaust Gas Temp. Sensor Circuit High (Bank 1 Sensor 1)  
P0547 Exhaust Gas Temp. Sensor Circuit (Bank 2 Sensor 1)  
P0548 Exhaust Gas Temp. Sensor Circuit Low (Bank 2 Sensor 1)  
P0549 Exhaust Gas Temp. Sensor Circuit High (Bank 2 Sensor 1)  
P0550 Power Steering Pres Sensor Circuit Malfunction  
P0551 Power Steering Pres Sensor CKT Range/Performance  
P0552 Power Steering Pres Sensor Circuit Low Input  
P0553 Power Steering Pres Sensor Circuit High Input  
P0554 Power Steering Pres Sensor CKT Intermittent  
P0555 Brake Booster Pressure Sensor Circuit  
P0556 Brake Booster Pressure Sensor CKT Range/Performance  
P0557 Brake Booster Pressure Sensor Circuit Low Input  
P0558 Brake Booster Pressure Sensor Circuit High Input  
P0559 Brake Booster Pressure Sensor CKT Intermittent  
P0560 System Voltage Malfunction  
P0561 System Voltage Unstable  
P0562 System Voltage Low  
P0563 System Voltage High  
P0564 Cruise Control Multi-Function. Input A Signal Error  
P0565 Cruise Control On 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 Acceleration Signal Error  
P0571 Brake Switch A Circuit Malfunction  
P0572 Brake Switch A Circuit Low Input  
P0573 Brake Switch A Circuit High Input  
P0574 Cruise Control Vehicle Speed Too High  
P0575 Cruise Control Circuit Malfunction  
P0576 Cruise Control Circuit Low Input  
P0577 Cruise Control Circuit High Input  
P0578 Cruise Control Multi-Function Input A Circuit Stuck  
P0579 Cruise Control Multi-Function Input A CKT Range/Performance  
P0580 Cruise Control Multi-Function Input A Circuit Low  
P0581 Cruise Control Multi-Function Input A Circuit High  
P0582 Cruise Control Vacuum Control Circuit Open  
P0583 Cruise Control Vacuum Control Circuit Low  
P0584 Cruise Control Vacuum Control Circuit High  
P0585 Cruise Control Multi-Function Input Correlation  
P0586 Cruise Control Vent Control Circuit Open  
P0587 Cruise Control Vent Control Circuit Low  
P0588 Cruise Control Vent Control Circuit High

P0589 Cruise Control Multi-Function Input B Circuit  
P0590 Cruise Control Multi-Function Input B Circuit Stuck  
P0591 Cruise Control Multi-Function Input B CKT Range/Performance  
P0592 Cruise Control Multi-Function Input B Circuit Low  
P0593 Cruise Control Multi-Function Input B Circuit High  
P0594 Cruise Control Servo Control Circuit Open  
P0595 Cruise Control Servo Control Circuit Low  
P0596 Cruise Control Servo Control Circuit High  
P0597 Cruise Control Circuit Open  
P0598 Cruise Control Circuit Low  
P0599 Cruise Control Circuit High  
P0600 Serial Communication Link Malfunction  
P0601 Internal Control Module Memory Check Sum Error  
P0602 Control Module Programming Error  
P0603 PCM Keep Alive Memory (KAM) Error  
P0604 PCM Random Access Memory (RAM) Error  
P0605 PCM Read Only Memory (ROM) Error  
P0606 PCM Processor Fault  
P0607 Control Module Performance  
P0608 Control Module VSS Output A Malfunction  
P0609 Control Module VSS Output B Malfunction  
P0610 Control Module Vehicle Options Malfunction  
P0611 Injector Control Module Performance  
P0612 Injector Control Module Relay Control  
P0613 TCM Processor Fault  
P0614 ECM/TCM Incompatible  
P0615 Starter Relay Circuit  
P0616 Starter Relay Circuit Low  
P0617 Starter Relay Circuit High  
P0618 Alternative Fuel Module (KAM) Error  
P0619 Alternative Fuel Module Memory  
P0620 Generator Control Malfunction  
P0621 Generator L-Term. Lamp Control  
P0622 Generator F-Term. Field F Control  
P0623 Generator Lamp Control Circuit  
P0624 Fuel Cap Lamp Circuit  
P0625 Generator F-Term. Circuit Low  
P0626 Generator F-Term. Circuit High  
P0627 Fuel Pump A Control Circuit Open  
P0628 Fuel Pump A Control Circuit Low  
P0629 Fuel Pump A Control Circuit High  
P0630 PCM VIN Not Program. Or Mismatch  
P0631 TCM VIN Not Program. Or Mismatch  
P0632 Odometer Code Not Programmed ECM/PCM  
P0633 Immobilizer Code Not Programmed ECM/PCM  
P0634 PCM/ECM/TCM Internal Temp. Too High  
P0635 Power Steering Control Circuit  
P0636 Power Steering Control Circuit Low  
P0637 Power Steering Control Circuit High  
P0638 Throttle Actuator Range/Performance (Bank 1)

P0639 Throttle Actuator Range/Performance (Bank 2)  
P0640 Intake Air Heater Control Circuit  
P0641 Sensor A Reference Voltage Circuit Open  
P0642 Sensor A Reference Voltage Circuit Low  
P0643 Sensor A Reference Voltage Circuit High  
P0644 Driver Display Serial Communication Link  
P0645 A/C Clutch Relay Control Circuit  
P0646 A/C Clutch Relay Control Circuit Low  
P0647 A/C Clutch Relay Control Circuit High  
P0648 Immobilizer Lamp Circuit  
P0649 Cruise Control Lamp Circuit  
P0650 MIL Control Circuit Malfunction  
P0651 Sensor B Reference Voltage Circuit Open  
P0652 Sensor B Reference Voltage Circuit Low  
P0653 Sensor B Reference Voltage Circuit High  
P0654 Engine RPM Circuit Malfunction  
P0655 Engine Hot Lamp Output Circuit Malfunction  
P0656 Fuel Level Output Circuit Malfunction  
P0657 Actuator Supply Voltage A Circuit Open  
P0658 Actuator Supply Voltage A Circuit Low  
P0659 Actuator Supply Voltage A Circuit High  
P0660 Intake Man Tuning Control CKT Open (Bank 1)  
P0661 Intake Man Tuning Control CKT Low (Bank 1)  
P0662 Intake Man Tuning Control CKT High (Bank 1)  
P0663 Intake Man Tuning Control CKT Open (Bank 2)  
P0664 Intake Man Tuning Control CKT Low (Bank 2)  
P0665 Intake Man Tuning Control CKT High (Bank 2)  
P0666 PCM/ECM/TCM Internal Temp. Sensor Circuit  
P0667 PCM/ECM/TCM Internal Temp. Sensor Range/Performance  
P0668 PCM/ECM/TCM Internal Temp. Sensor Circuit Low  
P0669 PCM/ECM/TCM Internal Temp. Sensor Circuit High  
P0670 Glow Plug/Heater Module Control  
P0671 Glow Plug/Heater Cylinder 1  
P0672 Glow Plug/Heater Cylinder 2  
P0673 Glow Plug/Heater Cylinder 3  
P0674 Glow Plug/Heater Cylinder 4  
P0675 Glow Plug/Heater Cylinder 5  
P0676 Glow Plug/Heater Cylinder 6  
P0677 Glow Plug/Heater Cylinder 7  
P0678 Glow Plug/Heater Cylinder 8  
P0679 Glow Plug/Heater Cylinder 9  
P0680 Glow Plug/Heater Cylinder 10  
P0681 Glow Plug/Heater Cylinder 11  
P0682 Glow Plug/Heater Cylinder 12  
P0683 Glow Plug/Heater Module Communication Problem  
P0684 Glow Plug/Heater Communication Problem CKT Range/Performance  
P0685 ECM/PCM Power Relay Control Circuit Open  
P0686 ECM/PCM Power Relay Control Circuit Low  
P0687 ECM/PCM Power Relay Control Circuit High  
P0688 ECM/PCM Power Relay Sense Circuit Open

P0689 ECM/PCM Power Relay Sense Circuit Low  
P0690 ECM/PCM Power Relay Sense Circuit High  
P0691 Fan 1 Control Circuit Low  
P0692 Fan 1 Control Circuit High  
P0693 Fan 2 Control Circuit Low  
P0694 Fan 2 Control Circuit High  
P0695 Fan 3 Control Circuit Low  
P0696 Fan 3 Control Circuit High  
P0697 Sensor C Reference Voltage Circuit Open  
P0698 Sensor C Reference Voltage Circuit Low  
P0699 Sensor C Reference Voltage Circuit High  
P0700 Trans Control Sys Malfunction  
P0701 Trans Control Sys Range/Performance  
P0702 Trans Control Sys Electrical  
P0703 Brake Switch B Circuit Malfunction  
P0704 Clutch Switch Input Circuit Malfunction  
P0705 Trans Range Sensor Circuit Malfunction (PRNDL Input)  
P0706 Trans Range Sensor CKT Range/Performance  
P0707 Trans Range Sensor Circuit Low Input  
P0708 Trans Range Sensor Circuit High Input  
P0709 Trans Range Sensor CKT Intermittent  
P0710 Transmission Fluid Temperature Sensor Circuit Malfunction  
P0711 Trans Fluid Temp Sensor A CKT Range/Performance  
P0712 Trans Fluid Temp Sensor A Circuit Low Input  
P0713 Trans Fluid Temp Sensor A Circuit High Input  
P0714 Trans Fluid Temp Sensor A CKT Intermittent  
P0715 Input/Turbine Speed Sensor A Circuit Malfunction  
P0716 Input/Turbine Speed Sensor A CKT Range/Performance  
P0717 Input/Turbine Speed Sensor A Circuit No Signal  
P0718 Input/Turbine Speed Sensor A CKT Intermittent  
P0719 Brake Switch B Circuit Low Input  
P0720 Output Speed Sensor Circuit Malfunction  
P0721 Output Speed Sensor Circuit Range/Performance  
P0722 Output Speed Sensor Circuit No Signal  
P0723 Output Speed Sensor CKT Intermittent  
P0724 Brake Switch B Circuit High Input  
P0725 Engine Speed Sensor Circuit Malfunction  
P0726 Engine Speed Sensor CKT Range/Performance  
P0727 Engine Speed Sensor Circuit No Signal  
P0728 Engine Speed Sensor CKT Intermittent  
P0729 Gear 6 Ratio Incorrect  
P0730 Gear Ratio Incorrect  
P0731 Gear 1 Ratio Incorrect  
P0732 Gear 2 Ratio Incorrect  
P0733 Gear 3 Ratio Incorrect  
P0734 Gear 4 Ratio Incorrect  
P0735 Gear 5 Ratio Incorrect  
P0736 Reverse Ratio Incorrect  
P0737 TCM Engine Speed Output Circuit  
P0738 TCM Engine Speed Output Circuit Low

P0739 TCM Engine Speed Output Circuit High  
P0740 TCC Circuit Malfunction  
P0741 Torque Converter CKT Performance Or Stuck Off  
P0742 Torque Converter Circuit Stuck On  
P0743 Torque Converter Circuit Electrical  
P0744 Torque Converter CKT Intermittent  
P0745 Pres Control Sol. A Circuit Malfunction  
P0746 Pres Control Sol. A CKT Performance Or Stuck Off  
P0747 Pres Control Sol. A Circuit Stuck On  
P0748 Pres Control Sol. A Circuit Electrical  
P0749 Pres Control Sol. A CKT Intermittent  
P0750 Shift Solenoid A Malfunction  
P0751 Shift Solenoid A CKT Performance Or Stuck Off  
P0752 Shift Solenoid A Circuit Stuck On  
P0753 Shift Solenoid A Circuit Electrical  
P0754 Shift Solenoid A CKT Intermittent  
P0755 Shift Solenoid B Malfunction  
P0756 Shift Solenoid B CKT Performance Or Stuck Off  
P0757 Shift Solenoid B Circuit Stuck On  
P0758 Shift Solenoid B Circuit Electrical  
P0759 Shift Solenoid B CKT Intermittent  
P0760 Shift Solenoid C Malfunction  
P0761 Shift Solenoid C CKT Performance Or Stuck Off  
P0762 Shift Solenoid C Circuit Stuck On  
P0763 Shift Solenoid C Circuit Electrical  
P0764 Shift Solenoid C CKT Intermittent  
P0765 Shift Solenoid D Malfunction  
P0766 Shift Solenoid D CKT Performance Or Stuck Off  
P0767 Shift Solenoid D Circuit Stuck On  
P0768 Shift Solenoid D Circuit Electrical  
P0769 Shift Solenoid D CKT Intermittent  
P0770 Shift Solenoid E Malfunction  
P0771 Shift Solenoid E CKT Performance Or Stuck Off  
P0772 Shift Solenoid E Circuit Stuck On  
P0773 Shift Solenoid E Circuit Electrical  
P0774 Shift Solenoid E CKT Intermittent  
P0775 Pres Ctrl Sol. B Circuit Malfunction  
P0776 Pres Ctrl Sol. B CKT Performance Or Stuck Off  
P0777 Pres Ctrl Sol. B Circuit Stuck On  
P0778 Pres Ctrl Sol. B Circuit Electrical  
P0779 Pres Ctrl Sol. B CKT 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 Ckt  
P0790 Normal/Performance Switch Circuit Malfunction  
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P0793 Intermediate Shaft Speed Sensor A Circuit No Signal  
P0794 Intermediate Shaft Speed Sensor A CKT Intermittent  
P0795 Pres Ctrl Sol. C Malfunction  
P0796 Pres Ctrl Sol. C CKT Performance Or Stuck Off  
P0797 Pres Ctrl Sol. C Circuit Stuck On  
P0798 Pres Ctrl Sol. C Circuit Electrical  
P0799 Pres Ctrl Sol. C CKT Intermittent  
P0800 Transfer Case Control System MIL Request  
P0801 Reverse Inhibit Control Circuit Malfunction  
P0802 Trans Control Sys MIL Request Circuit Open  
P0803 1-4 Upshift (Skip Shift) Solenoid Circuit Malfunction  
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P0805 Clutch Position Sensor Circuit Malfunction  
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P0807 Clutch Position Sensor Circuit Low  
P0808 Clutch Position Sensor Circuit High  
P0809 Clutch Position Sensor Circuit Intermittent Ckt  
P0810 Clutch Position Control Malfunction  
P0811 Clutch Slippage Excessive  
P0812 Reverse Input Circuit Malfunction  
P0813 Reverse Output Circuit Malfunction  
P0814 Trans Range Display Circuit Malfunction  
P0815 Upshift Switch Circuit Malfunction  
P0816 Downshift Switch Circuit Malfunction  
P0817 Starter Disable Circuit  
P0818 Driveline Disconnect. Switch Input  
P0819 Up/Down Shift SW Transmission Range Correlation  
P0820 Gear Lever X-Y Sensor Circuit  
P0821 Gear Lever X Sensor Circuit  
P0822 Gear Lever Y Sensor Circuit  
P0823 Gear Lever X Sensor Circuit Intermittent Ckt  
P0824 Gear Lever Y Sensor Circuit Intermittent Ckt  
P0825 Gear Lever Push/Pull Switch (Shift Anticipate)  
P0826 Upshift Switch Downshift Switch Circuit  
P0827 Upshift Switch Downshift Switch Circuit Low  
P0828 Upshift Switch Downshift Switch Circuit High  
P0829 5-6 Shift  
P0830 Clutch Position Switch A Circuit Malfunction  
P0831 Clutch Position Switch A Circuit Low  
P0832 Clutch Position Switch A Circuit High  
P0833 Clutch Position Switch B Circuit Malfunction  
P0834 Clutch Position Switch B Circuit Low  
P0835 Clutch Position Switch B Circuit High  
P0836 4 Wheel Drive Switch Circuit Malfunction  
P0837 4 Wheel Drive Switch CKT Range/Performance  
P0838 4 Wheel Drive Switch Circuit Low

P0839 4 Wheel Drive Switch Circuit High  
P0840 Trans Fluid Press Sensor/Switch A Circuit Malfunction  
P0841 Trans Fluid Press Sensor/Switch A CKT Range/Performance  
P0842 Trans Fluid Press Sensor/Switch A Circuit Low  
P0843 Trans Fluid Press Sensor/Switch A Circuit High  
P0844 Trans Fluid Press Sensor/Switch A CKT Intermittent  
P0845 Trans Fluid Press Sensor/Switch B Circuit Malfunction  
P0846 Trans Fluid Press Sensor/Switch B CKT Range/Performance  
P0847 Trans Fluid Press Sensor/Switch B Circuit Low  
P0848 Trans Fluid Press Sensor/Switch B Circuit High  
P0849 Trans Fluid Press Sensor/Switch B CKT Intermittent  
P0850 Park/Neutral Switch Input Circuit  
P0851 Park/Neutral Switch Circuit Low Input  
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P0858 Traction Control Input Signal Low  
P0859 Traction Control Input Signal High  
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P0862 Gear Shift Module Communications Circuit High  
P0863 TCM Communications Circuit  
P0864 TCM Communications CKT Range/Performance  
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P0867 Trans Fluid Press  
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P0869 Trans Fluid Press High  
P0870 Trans Fluid Press Sensor/Switch C Circuit  
P0871 Trans Fluid Press Sensor/Switch C CKT Range/Performance  
P0872 Trans Fluid Press Sensor/Switch C Circuit Low  
P0873 Trans Fluid Press Sensor/Switch C Circuit High  
P0874 Trans Fluid Press Sensor/Switch C CKT Intermittent  
P0875 Trans Fluid Press Sensor/Switch D Circuit  
P0876 Trans Fluid Press Sensor/Switch D CKT Range/Performance  
P0877 Trans Fluid Press Sensor/Switch D Circuit Low  
P0878 Trans Fluid Press Sensor/Switch D Circuit High  
P0879 Trans Fluid Press Sensor/Switch D CKT Intermittent  
P0880 TCM Power Input Signal  
P0881 TCM Power Input Signal Range/Performance  
P0882 TCM Power Input Signal Low  
P0883 TCM Power Input Signal High  
P0884 TCM Power Input Signal CKT Intermittent  
P0885 TCM Power Relay Control Circuit Open  
P0886 TCM Power Relay Control Circuit Low  
P0887 TCM Power Relay Control Circuit High  
P0888 TCM Power Relay Sense Circuit

P0889 TCM Power Relay Sense CKT Range/Performance  
P0890 TCM Power Relay Sense Circuit Low  
P0891 TCM Power Relay Sense Circuit High  
P0892 TCM Power Relay Sense CKT Intermittent  
P0893 Multiple Gears Engaged  
P0894 Transmission Comp. Slipping  
P0895 Shift Time Too Short  
P0896 Shift Time Too Long  
P0897 Transmission Fluid Deteriorated  
P0898 Transmission Ctrl. MIL Request Circuit Low  
P0899 Transmission Ctrl. MIL Request Circuit High  
P0900 Clutch Actuator Circuit Open  
P0901 Clutch Actuator CKT Range/Performance  
P0902 Clutch Actuator Circuit Low  
P0903 Clutch Actuator Circuit High  
P0904 Gate Select Position Circuit  
P0905 Gate Select Position CKT Range/Performance  
P0906 Gate Select Position Circuit Low  
P0907 Gate Select Position Circuit High  
P0908 Gate Select Position CKT Intermittent  
P0909 Gate Select Control Error  
P0910 Gate Select Actuator Circuit Open  
P0911 Gate Select Actuator CKT Range/Performance  
P0912 Gate Select Actuator Circuit Low  
P0913 Gate Select Actuator Circuit High  
P0914 Gear Shift Position Circuit  
P0915 Gear Shift Position CKT Range/Performance  
P0916 Gear Shift Position Circuit Low  
P0917 Gear Shift Position Circuit High  
P0918 Gear Shift Position CKT Intermittent  
P0919 Gear Shift Position Control Error  
P0920 Gear Shift Forward Actuator Circuit Open  
P0921 Gear Shift Forward Actuator CKT Range/Performance  
P0922 Gear Shift Forward Actuator Circuit Low  
P0923 Gear Shift Forward Actuator Circuit High  
P0924 Gear Shift Reverse Actuator Circuit Open  
P0925 Gear Shift Reverse Actuator CKT Range/Performance  
P0926 Gear Shift Reverse Actuator Circuit Low  
P0927 Gear Shift Reverse Actuator Circuit High  
P0928 Gear Shift Lock Solenoid Ctrl Circuit Open  
P0929 Gear Shift Lock Solenoid Ctrl CKT Range/Performance  
P0930 Gear Shift Lock Solenoid Ctrl Circuit Low  
P0931 Gear Shift Lock Solenoid Ctrl Circuit High  
P0932 Hydraulic Pressure Sensor Circuit  
P0933 Hydraulic Pressure Sensor CKT Range/Performance  
P0934 Hydraulic Pressure Sensor Circuit Low  
P0935 Hydraulic Pressure Sensor Circuit High  
P0936 Hydraulic Pressure Sensor CKT Intermittent  
P0937 Hydraulic Oil Temp Sensor Circuit  
P0938 Hydraulic Oil Temp Sensor CKT Range/Performance

P0939 Hydraulic Oil Temp Sensor Circuit Low  
P0940 Hydraulic Oil Temp Sensor Circuit High  
P0941 Hydraulic Oil Temp Sensor CKT Intermittent  
P0942 Hyd. Pressure Unit  
P0943 Hyd. Pressure Unit Cycling Too Short  
P0944 Hyd. Pressure Unit Loss of Pressure  
P0945 Hyd. Pump Relay Circuit Open  
P0946 Hyd. Pump Relay CKT Range/Performance  
P0947 Hyd. Pump Relay Circuit Low  
P0948 Hyd. Pump Relay Circuit High  
P0949 Auto Shift Adaptive Learning Not Complete  
P0950 Auto Shift Manual Control Circuit  
P0951 Auto Shift Manual Control CKT Range/Performance  
P0952 Auto Shift Manual Control Circuit Low  
P0953 Auto Shift Manual Control Circuit High  
P0954 Auto Shift Manual Control CKT Intermittent  
P0955 Auto Shift Manual Mode Circuit  
P0956 Auto Shift Manual Mode CKT Range/Performance  
P0957 Auto Shift Manual Mode Circuit Low  
P0958 Auto Shift Manual Mode Circuit High  
P0959 Auto Shift Manual Mode CKT Intermittent  
P0960 Pressure Control Solenoid A Control Circuit Open  
P0961 Pressure Control Solenoid A Control CKT Range/Performance  
P0962 Pressure Control Solenoid A Control Circuit Low  
P0963 Pressure Control Solenoid A Control Circuit High  
P0964 Pressure Control Solenoid B Control Circuit Open  
P0965 Pressure Control Solenoid B Control CKT Range/Performance  
P0966 Pressure Control Solenoid B Control Circuit Low  
P0967 Pressure Control Solenoid B Control Circuit High  
P0968 Pressure Control Solenoid C Control Circuit Open  
P0969 Pressure Control Solenoid C Control CKT Range/Performance  
P0970 Pressure Control Solenoid C Control Circuit Low  
P0971 Pressure Control Solenoid C Control Circuit High  
P0972 Shift Solenoid A Control CKT Range/Performance  
P0973 Shift Solenoid A Control Circuit Low  
P0974 Shift Solenoid A Control Circuit High  
P0975 Shift Solenoid B Control CKT Range/Performance  
P0976 Shift Solenoid B Control Circuit Low  
P0977 Shift Solenoid B Control Circuit High  
P0978 Shift Solenoid C Control CKT Range/Performance  
P0979 Shift Solenoid C Control Circuit Low  
P0980 Shift Solenoid C Control Circuit High  
P0981 Shift Solenoid D Control CKT Range/Performance  
P0982 Shift Solenoid D Control Circuit Low  
P0983 Shift Solenoid D Control Circuit High  
P0984 Shift Solenoid E Control CKT Range/Performance  
P0985 Shift Solenoid E Control Circuit Low  
P0986 Shift Solenoid E Control Circuit High  
P0987 Trans Fluid Press Sensor/Switch E Circuit  
P0988 Trans Fluid Press Sensor/Switch E CKT Range/Performance

P0989 Trans Fluid Press Sensor/Switch E Circuit Low  
P0990 Trans Fluid Press Sensor/Switch E Circuit High  
P0991 Trans Fluid Press Sensor/Switch E CKT Intermittent  
P0992 Trans Fluid Press Sensor/Switch F Circuit  
P0993 Trans Fluid Press Sensor/Switch F CKT Range/Performance  
P0994 Trans Fluid Press Sensor/Switch F Circuit Low  
P0995 Trans Fluid Press Sensor/Switch F Circuit High  
P0996 Trans Fluid Press Sensor/Switch F CKT Intermittent  
P0997 Shift Solenoid F Control CKT Range/Performance  
P0998 Shift Solenoid F Control Circuit Low  
P0999 Shift Solenoid F Control Circuit High

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