

Subaru (May Apply to other Makes) OBD CEL List

P0011 A Camshaft Position System Performance (Bank 1)
P0021 A Camshaft Position System Performance (Bank 2)
P0026 OSV Solenoid Valve L Malfunction
P0028 OSV Solenoid Valve L Malfunction
P0030 O2 Sensor Heater Circuit Range/Performance Bank 1 Sensor 1
P0031 HO2S Heater Control Circuit Low (Bank 1 Sensor 1)
P0032 HO2S Heater Control Circuit High (Bank 1 Sensor 1)
P0034 Turbo Charger Bypass Valve Control Circuit Low
P0035 Turbo Charger Bypass Valve Control Circuit High
P0037 HO2S Heater Control Circuit Low (Bank 1 Sensor 2)
P0038 HO2S Heater Control Circuit High (Bank 1 Sensor 2)
P0043 HO2S Heater Control Circuit Low Bank 1 Sensor 3
P0044 HO2S Heater Control Circuit High Bank 1 Sensor 3
P0050 O2 Sensor Heater Circuit Range/Performance Bank 2 Sensor 1
P0051 HO2S Heater Control Circuit Low (Bank 2 Sensor 1)
P0052 HO2S Heater Control Circuit High (Bank 2 Sensor 1)
P0057 HO2S Heater Control Circuit Low Bank 2 Sensor 2
P0058 HO2S Heater Control Circuit High Bank 2 Sensor 2
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 Manifold Pressure Sensor Range/Performance
P0076 OSV Solenoid Valve L Circuit Malfunction Low
P0077 OSV Solenoid Valve L Circuit Malfunction High
P0082 OSV Solenoid Valve L Circuit Malfunction Low
P0083 OSV Solenoid Valve L Circuit Malfunction High
P0101 Mass air flow sensor circuit range/performance problem (high input)
P0101 Mass or Volume Air Flow Circuit Range Performance
P0102 Mass air flow sensor circuit low input
P0103 Mass air flow sensor circuit high input
P0106 Manifold Pressure Sensor Circuit Range/Performance Problem (Low)
P0106 Pressure sensor circuit range/performance problem (low input)
P0107 Manifold Pressure Sensor Circuit Malfunction (Low Input)
P0107 Pressure sensor circuit low input
P0108 Manifold Pressure Sensor Circuit Malfunction (High Input)
P0108 Pressure sensor circuit high input
P0111 Intake Air Temperature Sensor Range/Performance Problem
P0112 Intake Air Temperature Sensor Circuit Malfunction (Low Input)
P0113 Intake Air Temperature Sensor Circuit Malfunction (High Input)
P0117 Engine coolant temperature sensor circuit low input

P0118 Engine coolant temperature sensor circuit high input
P0121 Throttle position sensor circuit range/performance problem (high input)
P0122 Throttle position sensor circuit low input
P0123 Throttle position sensor circuit high input
P0125 Insufficient coolant temperature for closed loop fuel control
P0128 Coolant Thermostat
P0129 Atmospheric Pressure Sensor Range/Performance
P0130 O2 Sensor Circuit (Bank 1 Sensor 1)
P0130 O2 Sensor Circuit (Lean) (Bank 1 Sensor 2)
P0130 O2 Sensor Circuit 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 Open Bank 1 Sensor 1
P0135 O2 Sensor Heater Circuit (Bank 1 Sensor 1)
P0136 O2 Sensor Circuit (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)
P0141 O2 Sensor Heater Circuit (Bank 1 Sensor 2)
P0142 O2 Sensor Circuit 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
P0150 O2 Sensor Circuit 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 Open Bank 2 Sensor 1
P0156 O2 Sensor Circuit 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
P0162 O2 Sensor Circuit Bank 2 Sensor 3
P0165 O2 Sensor Circuit Slow Response Bank 2 Sensor 3
P0170 Fuel Trim (Bank 1)
P0171 System Too Lean (Bank 1) - usually caused by a leak in the intake system somewhere between the Mass Air Flow sensor and the cylinder intake valves. Look for a vacuum hose that's become disconnected or a crack in one of the tubes connected to the turbocharger
P0172 System Too Rich (Bank 1)
P0174 System Too Lean (Bank 2)
P0175 System Too Rich (Bank 2)
P0181 Fuel Temperature Sensor A Performance Problem
P0182 Fuel Temperature Sensor A Circuit Low Input
P0183 Fuel Temperature Sensor A Circuit High Input

P0196 Oil Temperature Sensor Circuit Range/Performance Problem
P0197 Oil Temperature Sensor Circuit Malfunction Low
P0198 Oil Temperature Sensor Circuit Malfunction High
P0222 Throttle Position Sensor B Low Input
P0223 Throttle Position Sensor B High Input
P0230 Fuel Pump Controller
P0244 Turbocharger Wastegate Solenoid A Range/Performance (High Input)
P0245 Turbocharger Wastegate Solenoid A Low
P0246 Turbocharger Wastegate Solenoid A High
P0249 Turbocharger Wastegate Solenoid B Low
P0250 Turbocharger Wastegate Solenoid B High
P0261 Fuel Injector Circuit Low - #1
P0264 Fuel Injector Circuit Low - #2
P0267 Fuel Injector Circuit Low - #3
P0270 Fuel Injector Circuit Low - #4
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
P0325 Knock Sensor 1 Circuit Malfunction
P0327 Knock Sensor 1 Circuit Malfunction (Low Input)
P0328 Knock Sensor 1 Circuit Malfunction (High Input)
P0330 Knock Sensor 2 Circuit Malfunction
P0332 Knock Sensor 2 Circuit Malfunction (Low Input)
P0333 Knock Sensor 2 Circuit Malfunction (High Input)
P0335 Crankshaft position sensor circuit malfunction
P0336 Crankshaft position sensor circuit range/performance problem
P0340 Camshaft position sensor circuit malfunction
P0341 Camshaft position sensor circuit range/performance problem
P0345 Camshaft Position Sensor A Circuit Bank 2
P0350 Ignition coil primary/secondary circuit
P0365 Camshaft Position Sensor B Circuit (Bank 1)
P0390 Camshaft Position Sensor B Circuit (Bank 2)
P0400 EGR System
P0420 Catalyst System Efficiency Below Threshold
P0442 EVAP Control System Leak Detected (Small Leak)
P0444 Canister Purge Control Solenoid Valve Circuit Low
P0445 Canister Purge Control Solenoid Valve Circuit High
P0447 EVAP Control System Vent Control Circuit Open
P0448 EVAP Control System Vent Control Circuit Short
P0451 Fuel Tank Pressure Sensor Performance Problem
P0452 Fuel Tank Pressure Sensor Circuit Low Input
P0453 Fuel Tank Pressure Sensor Circuit High Input
P0456 EVAP Control System Leak Detected (Very Small Leak)

P0457 EVAP Control System Leak Detected (Fuel Cap Loose/Off)
P0458 Canister Purge Control Solenoid Valve Circuit Low
P0459 Canister Purge Control Solenoid Valve Circuit High
P0461 Fuel level sensor circuit range/performance problem
P0462 Fuel level sensor circuit low input
P0463 Fuel level sensor circuit high input
P0464 Fuel level sensor intermittent input
P0480 Cooling Fan Relay 1 Circuit Low
P0483 Cooling Fan Rationality Check Malfunction
P0500 Vehicle speed sensor malfunction
P0501 Vehicle Speed Sensor Malfunction at Low Speed
P0502 Vehicle Speed Sensor Low Speed
P0503 Vehicle Speed Sensor High Speed
P0506 Idle Control System RPM Lower than Expected
P0507 Idle Control System RPM Higher than Expected
P0508 Idle Control System Circuit Low
P0509 Idle Control System Circuit High
P0512 Starter switch circuit high input
P0513 Incorrect Immobilizer Key
P0519 Idle Control System Malfunction (Fail-Safe)
P0545 Exhaust Gas Temperature Sensor Circuit Malfunction (Low Input)
P0546 Exhaust Gas Temperature Sensor Circuit Malfunction (High Input)
P0558 Alternator Circuit Low
P0559 Alternator Circuit High
P0562 System Voltage Low
P0563 System Voltage High
P0565 Cruise Control Set Signal
P0579 Cruise Control Switch Circuit Range Performance Problem High Input
P0600 Improper CAN Communication
P0601 Internal control module memory check sum error
P0604 Internal control module random access memory error
P0605 Internal Control Module Read Only Memory Error
P0607 Throttle Control System Circuit Range/Performance
P0638 Throttle Control Circuit Range/Performance Problem
P0641 Throttle Position Sensor A Power Supply Circuit
P0661 Intake Manifold Tuning Valve Circuit Low
P0662 Intake Manifold Tuning Valve Circuit High
P0691 Cooling Fan Relay 1 Circuit Low
P0692 Cooling Fan Relay 1 Circuit High
P0700 Request AT MIL On
P0703 Brake Switch Circuit Malfunction for AT
P0703 Brake Switch Circuit Range Performance Problem High Input
P0705 AT Range Switch Circuit Malfunction
P0710 ATF Temp. Sensor Circuit Malfunction
P0712 ATF Temp Sensor Circuit Low
P0713 ATF Temp Sensor Circuit High

P0715 Torque Converter Turbine Speed Signal Circuit Malfunction
P0716 Torque Converter Turbine Speed Signal Circuit Malfunction
P0719 Brake Switch Circuit Low
P0720 AT Vehicle Speed Sensor Circuit High
P0720 AT Vehicle Speed Sensor Circuit Malfunction
P0722 AT Vehicle Speed Sensor Circuit Low
P0724 Brake Switch Circuit High
P0725 Engine Speed Input Circuit Malfunction
P0726 Engine Speed Input Circuit Malfunction
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
P0741 Torque Converter Clutch Circuit Malfunction
P0743 Torque Converter Clutch Circuit Electrical (Duty Sol. B)
P0748 Pressure Control Solenoid Electrical (Duty Sol. A)
P0751 Shift Solenoid A Malfunction
P0753 Shift Solenoid A Electrical
P0756 Shift Solenoid B Malfunction
P0758 Shift Solenoid B Electrical
P0761 Shift Solenoid C Malfunction
P0763 Shift Solenoid C Electrical
P0766 Shift Solenoid D Malfunction
P0768 Shift Solenoid D Electrical
P0771 AT Low Clutch Timing Solenoid Valve Circuit Malfunction
P0771 Shift Solenoid E Malfunction
P0773 Shift Solenoid E Electrical
P0778 AT 2-4 Brake Pressure Solenoid Valve Circuit Malfunction
P0785 AT 2-4 Brake Timing Solenoid Valve Circuit Malfunction
P0801 Reverse Inhibit Control Circuit
P0817 PN Signal Output Circuit
P0851 Neutral Switch Input Circuit Low
P0852 Neutral Switch Input Circuit High
P0864 TCM Communication Circuit Range/Performance
P0865 TCM Communication Circuit Low
P0866 TCM Communication Circuit High
P0880 PIVGN Power Supply Circuit
P0882 PIVGN Power Supply Low
P0883 PIVGN Power Supply High
P0955 Backup Lamp Relay Output Open
P0957 Backup Lamp Relay Output Low
P0958 Backup Lamp Relay Output High
P1026 VVL Systems 1 Performance
P1028 VVL Systems 2 Performance

P1086 Tumble Generated Valve Position Sensor 2 Circuit Low
P1087 Tumble Generated Valve Position Sensor 2 Circuit High
P1088 Tumble Generated Valve Position Sensor 1 Circuit Low
P1089 Tumble Generated Valve Position Sensor 1 Circuit High
P1090 Tumble Generated Valve System 1 (Valve Open)
P1091 Tumble Generated Valve System 1 (Valve Close)
P1092 Tumble Generated Valve System 2 (Valve Open)
P1093 Tumble Generated Valve System 2 (Valve Close)
P1094 Tumble Generated Valve Signal 1 Circuit Malfunction (Open)
P1094 Tumble Generated Valve Signal 2 Circuit Malfunction (Open)
P1095 Tumble Generated Valve Signal 1 Circuit Malfunction (Short)
P1097 Tumble Generated Valve Signal 2 Circuit Malfunction (Short)
P1102 Pressure Sources Switching Sol. Valve Circuit Low
P1110 Atmospheric Pressure Sensor Circuit Malfunction (Low Input)
P1111 Atmospheric Pressure Sensor Circuit Malfunction (High Input)
P1112 Atmospheric Pressure Sensor Circuit Range/Performance
P1122 Pressure Sources Switching Sol. Valve Circuit High
P1130 O2 Sensor Circuit (Open) (Bank 1 Sensor 1)
P1131 O2 Sensor Circuit (Short) (Bank 1 Sensor 1)
P1134 A/F Sensor Micro-Computer Problem
P1135 O2 Sensor Circuit (Open) (Bank 2 Sensor 1)
P1136 O2 Sensor Circuit (Short) (Bank 2 Sensor 1)
P1137 O2 Sensor Circuit (Lambda=1) (Bank 1 Sensor 1)
P1137 O2 Sensor Circuit (Mid) (Bank 1 Sensor 1)
P1139 O2 Sensor Heater Circuit Range/Performance (Bank 1 Sensor 1)
P1140 O2 Sensor Heater Circuit Range/Performance (Bank 2 Sensor 1)
P1141 Mass air flow sensor circuit range/performance problem (low input)
P1142 Throttle position sensor circuit range/performance problem (low input)
P1143 Pressure sensor circuit range/performance (low)
P1144 Pressure sensor circuit range/performance (high)
P1146 Manifold Pressure Sensor Circuit Range/Performance Problem
P1152 O2 Sensor Circuit Range/Performance (Low) Bank 1 Sensor 1
P1153 O2 Sensor Circuit Range/Performance (High) Bank 1 Sensor 1
P1154 O2 Sensor Circuit Range/Performance (Low) Bank 2 Sensor 1
P1155 O2 Sensor Circuit Range/Performance (High) Bank 2 Sensor 1
P1160 Return Spring Failure
P1199 Differential Pressure Sensor
P1230 Fuel Pump Controller
P1235 Intake Control Valve Solenoid Circuit Low
P1236 Intake Control Valve Solenoid Circuit High
P1237 Exhaust Control Valve Solenoid Circuit Low (Positive Pressure)
P1238 Exhaust Control Valve Solenoid Circuit High (Positive Pressure)
P1239 Exhaust Control Valve Solenoid Circuit Low (Negative Pressure)
P1240 Exhaust Control Valve Solenoid Circuit High (Negative Pressure)
P1241 2 Stage Twin Turbo System (Single)
P1242 2 Stage Twin Turbo System (Twin)

P1244 Turbocharger Wastegate Solenoid A Range/Performance (Low Input)
P1245 Turbocharger Wastegate Solenoid A Range/Performance (fail-safe)
P1247 Relief Valve Control Solenoid 1 Circuit Low
P1248 Relief Valve Control Solenoid 1 Circuit High
P1249 Relief Valve Control Solenoid 2 Circuit Low
P1250 Relief Valve Control Solenoid 2 Circuit High
P1282 PCV System Circuit (Open)
P1301 Misfire Detected (High Temperature Exhaust Gas)
P1306 OCV Solenoid Valve Signal 1 Circuit Malfunction (Open)
P1307 OCV Solenoid Valve Signal 1 Circuit Malfunction (Short)
P1308 OCV Solenoid Valve Signal 2 Circuit Malfunction (Open)
P1309 OCV Solenoid Valve Signal 2 Circuit Malfunction (Short)
P1312 Exhaust Gas Temperature Sensor Malfunction
P1313 Misfire Detected Signal Circuit High Input
P1314 Misfire Detected Signal Circuit Low Input
P1400 Fuel Tank Pressure Control Solenoid Valve Circuit Low
P1420 Fuel Tank Pressure Control Solenoid Valve Circuit High
P1442 Fuel level sensor performance problem (travel distance)
P1443 Vent Control Solenoid Valve Function Problem
P1446 Fuel Tank Sensor Control Valve Circuit Low
P1447 Fuel Tank Sensor Control Valve Circuit High
P1448 Fuel Tank Sensor Control Valve Range/Performance
P1475 Exhaust bypass valve solenoid Malfunction Low
P1476 Exhaust bypass valve solenoid Malfunction High
P1477 Exhaust bypass valve function
P1480 Cooling Fan Relay 1 Circuit High
P1491 Positive Crankcase Ventilation (Blow-by) Function Problem
P1492 EGR Solenoid Valve Signal #1 Circuit Malfunction (Low Input)
P1493 EGR Solenoid Valve Signal #1 Circuit Malfunction (High Input)
P1494 EGR Solenoid Valve Signal #2 Circuit Malfunction (Low Input)
P1495 EGR Solenoid Valve Signal #2 Circuit Malfunction (High Input)
P1496 EGR Solenoid Valve Signal #3 Circuit Malfunction (Low Input)
P1496 EGR Solenoid Valve Signal #4 Circuit Malfunction (Low Input)
P1497 EGR Solenoid Valve Signal #3 Circuit Malfunction (High Input)
P1497 EGR Solenoid Valve Signal #4 Circuit Malfunction (High Input)
P1507 Idle Control System Malfunction (Fail-safe)
P1510 ISC Solenoid Valve Signal #1 Circuit Malfunction (Low Input)
P1511 ISC Solenoid Valve Signal #1 Circuit Malfunction (High Input)
P1512 ISC Solenoid Valve Signal #2 Circuit Malfunction (Low Input)
P1513 ISC Solenoid Valve Signal #2 Circuit Malfunction (High Input)
P1514 ISC Solenoid Valve Signal #3 Circuit Malfunction (Low Input)
P1515 ISC Solenoid Valve Signal #3 Circuit Malfunction (High Input)
P1516 ISC Solenoid Valve Signal #4 Circuit Malfunction (Low Input)
P1517 ISC Solenoid Valve Signal #4 Circuit Malfunction (High Input)
P1518 Starter switch circuit low input
P1521 Brake Switch Circuit Range Performance Problem High Input

P1540 Vehicle speed sensor malfunction 2
P1544 Exhaust Gas Temperature Too High
P1547 Exhaust Gas Temperature Sensor Malfunction
P1559 Air Intake System
P1560 Back-up Voltage Circuit Malfunction
P1570 Antenna
P1571 Reference Code Incompatibility
P1572 IMM Circuit Failure (Except Antenna Circuit)
P1573 Communication Error (Time Over)
P1574 Key Communication Failure
P1576 EGI Control Module EEPROM
P1577 IMM Control Module EEPROM
P1590 Neutral Position Switch Circuit High Input for AT
P1591 Neutral Position Switch Circuit Low Input for AT
P1592 Neutral Position Switch Circuit Malfunction for MT
P1593 TCM Communication Circuit Malfunction
P1594 AT Diagnosis Input Signal Circuit Malfunction
P1595 AT Diagnosis Input Signal Circuit Low Input
P1596 AT Diagnosis Input Signal Circuit High Input
P1597 TCS Signal Circuit Low Input
P1598 TCS Signal Circuit High Input
P1600 Improper CAN Communication
P1601 Transmission Ctrl Unit Comms Malfunction
P1698 Engine Torque Control Cut Signal Circuit Malfunction (Low Input)
P1699 Engine Torque Control Cut Signal Circuit Malfunction (High Input)
P1700 Throttle Position Sensor Circuit Malfunction
P1700 Throttle Position Sensor Circuit Malfunction for AT
P1701 Cruise Control Set Signal Circuit Malfunction for AT
P1703 AT Low Clutch Timing Solenoid Valve Circuit Malfunction
P1706 AT Vehicle Speed Sensor Circuit Malfunction (rear wheel)
P1707 AT AWD Solenoid Valve Circuit Malfunction
P1708 Throttle Position Sensor Circuit Low Input
P1709 Throttle Position Sensor Circuit High Input
P1710 Torque Converter Turbine 2 Speed Signal Circuit Malfunction
P1711 Engine Torque Control Signal #1 Circuit Malfunction
P1712 Engine Torque Control Signal #2 Circuit Malfunction
P1714 Throttle Position Sensor Power Supply Circuit
P1716 ATF Temperature Sensor 2 Circuit Low
P1717 ATF Temperature Sensor 2 Circuit High
P1718 AT CAN Communication Circuit
P1719 ECU Communication Circuit
P1760 Lateral Acceleration Sensor Performance Problem
P1761 Lateral Acceleration Sensor Circuit Low
P1762 Lateral Acceleration Sensor Circuit High
P1798 Gear 1 Engine Breaks
P1799 Interlock

P1817 Sports Mode Switch Circuit (Manual Switch)
P1840 Transmission Fluid Pressure Sensor Switch A Circuit
P1841 Transmission Fluid Pressure Sensor Switch B Circuit
P1842 Transmission Fluid Pressure Sensor Switch C Circuit
P1843 Transmission Fluid Pressure Sensor Switch D Circuit
P1844 Transmission Fluid Pressure Sensor Switch E Circuit
P1870 Front Left ABS Sensor Signal
P1871 Front Right ABS Sensor Signal
P1872 Rear Left ABS Sensor Signal
P1873 Rear Right ABS Sensor Signal
P1874 Circuit of R-Diff Oil Temp. Switch
P1875 Circuit of Centre Differential
P1876 Not Suitable Diameter Tire
P2088 OCV Solenoid Valve Signal A Circuit Open Bank 1
P2089 OCV Solenoid Valve Signal A Circuit Short Bank 1
P2090 OCV Solenoid Valve Signal B Circuit Open Bank 1
P2091 OCV Solenoid Valve Signal B Circuit Short Bank 1
P2092 OCV Solenoid Valve Signal A Circuit Open Bank 2
P2093 OCV Solenoid Valve Signal A Circuit Short Bank 2
P2094 OCV Solenoid Valve Signal B Circuit Open Bank 2
P2095 OCV Solenoid Valve Signal B Circuit Short Bank 2
P2098 Post Catalyst Fuel Trim System Too Lean Bank 2
P2099 Post Catalyst Fuel Trim System Too Rich Bank 2
P2100 Throttle Control Motor Circuit Open
P2100 Throttle Control Motor Circuit Open
P2101 Throttle Control Motor Circuit Range/Performance
P2102 Throttle Control Motor Circuit Low Input
P2103 Throttle Control Motor Circuit High Input
P2109 Throttle Angle Sensor Closed Position Error
P2111 Throttle Valve Open Stick
P2122 Accelerator Position Sensor D Low Input
P2123 Accelerator Position Sensor D High Input
P2127 Accelerator Position Sensor E Low Input
P2128 Accelerator Position Sensor E High Input
P2135 Throttle Position Sensor Circuit Range/Performance
P2138 Accelerator Position Sensor Circuit Range/Performance
P2707 Shift Solenoid F Malfunction
P2709 Shift Solenoid F Electrical

83 - 88 Subaru carb models

- 11 Ignition pulse system/crank angle sensor (87 & later)
- 12 Ignition pulse system (1983 only)/Starter switch (84 & later)
- 13 Crank angle sensor or circuit
- 14 Vacuum switches stay on or off (1983 only)/Duty solenoid or circuit(1983 to 1985)/Injectors 1 & 2 (87-up)
- 15 Solenoid valve stays on or off (1983 only)/Coasting Fuel Cut (CFC) system (1983 to 1985)
- 16 Feedback system (1983 to 1985 models)
- 17 Fuel pump and automatic choke (1983 to 1985 carbureted)
- 21 Ignition pulse system (1983 only)/coolant temperature sensor or circuit (1983 to 1985 carbureted)
- 22 Ignition pulse system (1983 only)/Vehicle speed sensor or circuit or VLC solenoid valve or circuit. (1984 to 1988 carbureted)
- 23 Oxygen sensor or circuit (1983 to 1988)/pressure sensor or circuit (1983 to 1985)
- 24 Vacuum switches stay on or off (1983 only)/coolant temperature sensor or circuit, or Idle-up solenoid or circuit (1984 to 1988 carbureted)
- 25 Manifold vacuum sensor or circuit/coolant temperature sensor or circuit on 1984 models)/float chamber vent solenoid valve or circuit (1983 to 1985)
- 32 Coolant temperature sensor or circuit (1983)/Oxygen sensor or circuit (1984 to 1988)
- 33 Main system in feedback (1983 to 1988)/Vehicle speed sensor or circuit (1983 to 1985)
- 34 Choke power stays on or off (1983)/EGR system solenoid or circuit (1883 to 1988)
- 35 Canister purge solenoid or circuit (1983 to 1985)
- 41 Vacuum switches stay on or off (1983 only)/Feedback system (California models 1983 to 1985)
- 42 Vacuum switches stay on or off (1983 only)/clutch switch or circuit (1983 to 1988)
- 43 Choke power stays on or off (1983)
- 46 Radiator fan control (1983 to 1985)
- 52 Solenoid valve control system or clutch switch
- 53 Fuel pump circuit or Altitude compensator switch
- 54 Choke control system
- 55 Upshift control or EGR sensor
- 56 EGR system
- 62 Exhaust Gas Recirculation (EGR) solenoid valve control or Idle-up system
- 63 Canister solenoid valve or circuit/Idle-up system
- 64 Vacuum line control valve or circuit
- 65 Float chamber vent control valve circuit
- 71 Ignition pulse system
- 73 Ignition pulse system
- 74 Ignition pulse system

84 - 86 Fuel Injected models

- 11 Ignition pulse
- 12 Starter switch off
- 13 Starter switch on
- 14 Airflow meter or circuit
- 15 Atmospheric pressure switch - fixed value
- 16 Crank angle sensor or circuit
- 17 Starter switch or circuit
- 21 Seized airflow meter flap
- 22 Pressure or vacuum switches - fixed value
- 23 Idle switch - fixed value
- 24 Wide open throttle switch - fixed value
- 25 Throttle sensor idle switch or circuit
- 31 Speed sensor or circuit
- 32 Oxygen sensor or circuit
- 33 Coolant sensor or circuit
- 34 Abnormal aspirated air thermo sensor
- 35 Air flow meter/EGR solenoid switch or circuit
- 41 Atmospheric pressure sensor or circuit
- 42 Fuel injector - fixed value
- 43 KDLH control system
- 46 Neutral or parking switch or circuit
- 47 Fuel injector
- 53 Fuel pump or circuit
- 55 KDLH control system
- 57 Canister control system
- 58 Air control system
- 62 EGR control system
- 88 TBI control unit

87 Fuel Injected models

- 11 Ignition pulse/crank angle sensor
- 12 Starter switch or circuit
- 13 Crank angle sensor or circuit
- 14 Injectors 1 and 2
- 15 Injectors 3 and 4
- 21 Coolant temperature sensor or circuit
- 22 Knock sensor or circuit
- 23 Air flow meter or circuit
- 24 Air control
- 31 Throttle sensor or circuit
- 32 Oxygen sensor or circuit
- 33 Vehicle Speed Sensor (VSS) or circuit
- 34 EGR solenoid valve stuck on or off
- 35 Purge control solenoid or circuit
- 41 Lean fuel mixture indicated

- 42 Idle switch or circuit
- 45 Kick-down relay or circuit
- 51 Neutral switch or circuit
- 61 Parking switch or circuit

88 and later models with Single-Point Fuel Injection

- 11 Crank angle sensor or circuit
- 12 Starter switch or circuit
- 13 Crank angle sensor or circuit
- 14 Fuel injector - abnormal output
- 21 Coolant temperature or circuit
- 23 Air flow meter or circuit
- 24 Air control valve or circuit
- 31 Throttle sensor or circuit
- 32 Oxygen sensor or circuit
- 33 Vehicle Speed Sensor or circuit
- 34 EGR solenoid or circuit
- 35 Purge control solenoid or circuit
- 42 Idle switch or circuit
- 45 Kick-down control relay or circuit
- 51 Neutral switch continuously in the on position
- 55 EGR temperature sensor or circuit
- 61 Parking switch or circuit

1988 and later models with Multi-Point Fuel Injection (including Legacy)

- 11 Crank angle sensor or circuit
- 12 Starter switch or circuit
- 13 Cam position sensor or circuit (TDC sensor on Justy)
- 14 Fuel injector no. 1 (Legacy, Impreza, Justy, SVX); Fuel injector 1 and 2 (XT, Loyale, GL, DL)
- 15 Fuel injector no. 2 (Legacy, Impreza, Justy, SVX); Fuel injector 3 and 4 (Loyale, GL, DL); Fuel injector 5 and 6 (XT6)
- 16 Fuel injector no. 3 (Legacy, Impreza, Justy, SVX); Fuel injector 3 and 4 (XT)
- 17 Fuel injector no. 4 (Legacy, Impreza, SVX); Fuel injector 1 and 2 (XT6)
- 18 Fuel injector no. 5 (SVX)
- 19 Fuel injector no. 6 (SVX)
- 21 Coolant temperature sensor or circuit
- 22 Knock sensor or circuit (right side on SVX)
- 23 Air flow meter or circuit (exc. Justy); Pressure sensor (Justy)
- 24 Air control valve or circuit (exc. Justy); Idle speed control solenoid valve (Justy)
- 25 Fuel Injector 3 and 4 (XT6)
- 26 Air temperature sensor (Justy)
- 28 Knock sensor no. 2 (SVX, left side)
- 29 Crank angle sensor (SVX, no. 2)
- 31 Throttle position sensor or circuit
- 32 Oxygen sensor or circuit (no. 1, right side on SVX)

- 33 Vehicle speed sensor (VSS) or circuit
- 34 EGR solenoid valve
- 35 Canister purge solenoid or circuit
- 36 Air suction solenoid valve (Impreza); Igniter circuit (Justy)
- 37 Oxygen sensor (no. 2, left side , SVX)
- 38 Engine torque control (SVX)
- 41 Air/fuel adaptive control
- 42 Idle switch or circuit
- 43 Throttle switch (Justy)
- 44 Wastegate duty solenoid (turbo)
- 45 Pressure duty solenoid (turbo)/atmospheric pressure sensor circuit (non-turbo)
- 49 Airflow sensor
- 51 Neutral switch (manual transmission)/inhibitor switch (automatic transmission)
- 52 Parking brake switch (exc. Justy)/Clutch switch (Justy)
- 55 EGR temperature sensor
- 56 EGR system
- 61 Parking brake switch (Loyale)/Fuel tank pressure control solenoid valve (Impreza)
- 62 Fuel temperature sensor (Impreza)/Electric load signal (Justy)
- 63 Fuel tank pressure sensor (Impreza)/Blower fan switch (Justy)
- 65 Vacuum pressure sensor