

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

Engine (Diagnostics)

18. List of Diagnostic Trouble Code (DTC)

S078525

A: LIST

S078525A12

| DTC No. | Item | Index |
|---------|---|---|
| P0031 | Front oxygen (A/F) sensor heater circuit low input | <Ref. to EN-96, DTC P0031 — FRONT OXYGEN (A/F) SENSOR HEATER CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0032 | Front oxygen (A/F) sensor heater circuit high input | <Ref. to EN-100, DTC P0032 — FRONT OXYGEN (A/F) SENSOR HEATER CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0037 | Rear oxygen sensor heater circuit low input | <Ref. to EN-102, DTC P0037 — REAR OXYGEN SENSOR HEATER CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0038 | Rear oxygen sensor heater circuit high input | <Ref. to EN-106, DTC P0038 — REAR OXYGEN SENSOR HEATER CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0065 | Air assist injector solenoid valve malfunction | <Ref. to EN-108, DTC P0065 — AIR ASSIST INJECTOR SOLENOID VALVE MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0066 | Air assist injector solenoid valve circuit low input | <Ref. to EN-110, DTC P0066 — AIR ASSIST INJECTOR SOLENOID VALVE CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0067 | Air assist injector solenoid valve circuit high input | <Ref. to EN-112, DTC P0067 — AIR ASSIST INJECTOR SOLENOID VALVE CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0106 | Pressure sensor circuit range/performance problem (low input) | <Ref. to EN-114, DTC P0106 — PRESSURE SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0107 | Pressure sensor circuit low input | <Ref. to EN-116, DTC P0107 — PRESSURE SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0108 | Pressure sensor circuit high input | <Ref. to EN-120, DTC P0108 — PRESSURE SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0111 | Intake air temperature sensor circuit range/performance problem | <Ref. to EN-124, DTC P0111 — INTAKE AIR TEMPERATURE SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0112 | Intake air temperature sensor circuit low input | <Ref. to EN-126, DTC P0112 — INTAKE AIR TEMPERATURE SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0113 | Intake air temperature sensor circuit high input | <Ref. to EN-128, DTC P0113 — INTAKE AIR TEMPERATURE SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0117 | Engine coolant temperature sensor circuit low input | <Ref. to EN-132, DTC P0117 — ENGINE COOLANT TEMPERATURE SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0118 | Engine coolant temperature sensor circuit high input | <Ref. to EN-134, DTC P0118 — ENGINE COOLANT TEMPERATURE SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0121 | Throttle position sensor circuit range/performance problem (high input) | <Ref. to EN-138, DTC P0121 — THROTTLE POSITION SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

Engine (Diagnostics)

| DTC No. | Item | Index |
|---------|--|--|
| P0122 | Throttle position sensor circuit low input | <Ref. to EN-140, DTC P0122 — THROTTLE POSITION SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0123 | Throttle position sensor circuit high input | <Ref. to EN-144, DTC P0123 — THROTTLE POSITION SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0125 | Insufficient coolant temperature for closed loop fuel control | <Ref. to EN-146, DTC P0125 — INSUFFICIENT COOLANT TEMPERATURE FOR CLOSED LOOP FUEL CONTROL —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0128 | Thermostat malfunction | <Ref. to EN-148, DTC P0128 — THERMOSTAT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0130 | Front oxygen (A/F) sensor circuit range/performance problem (Lean) | <Ref. to EN-150, DTC P0130 — FRONT OXYGEN (A/F) SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM (LEAN) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0131 | Front oxygen (A/F) sensor circuit malfunction (open circuit) | <Ref. to EN-154, DTC P0131 — FRONT OXYGEN (A/F) SENSOR CIRCUIT MALFUNCTION (OPEN CIRCUIT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0132 | Front oxygen (A/F) sensor circuit malfunction (short circuit) | <Ref. to EN-156, DTC P0132 — FRONT OXYGEN (A/F) SENSOR CIRCUIT MALFUNCTION (SHORT CIRCUIT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0133 | Front oxygen (A/F) sensor circuit slow response | <Ref. to EN-158, DTC P0133 — FRONT OXYGEN (A/F) SENSOR CIRCUIT SLOW RESPONSE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0137 | Rear oxygen sensor circuit low input | <Ref. to EN-160, DTC P0137 — REAR OXYGEN SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0138 | Rear oxygen sensor circuit high input | <Ref. to EN-164, DTC P0138 — REAR OXYGEN SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0139 | Rear oxygen sensor circuit slow response | <Ref. to EN-168, DTC P0139 — REAR OXYGEN SENSOR CIRCUIT SLOW RESPONSE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0171 | Fuel trim malfunction (Lean) | <Ref. to EN-170, DTC P0171 — FUEL TRIM MALFUNCTION (A/F TOO LEAN) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0172 | Fuel trim malfunction (Rich) | <Ref. to EN-170, DTC P0172 — FUEL TRIM #1 (RH) MALFUNCTION (A/F TOO RICH) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0181 | Fuel temperature sensor A circuit range/performance problem | <Ref. to EN-172, DTC P0181 — FUEL TEMPERATURE SENSOR A CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0182 | Fuel temperature sensor A circuit low input | <Ref. to EN-174, DTC P0182 — FUEL TEMPERATURE SENSOR A CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0183 | Fuel temperature sensor A circuit high input | <Ref. to EN-176, DTC P0183 — FUEL TEMPERATURE SENSOR A CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0301 | Cylinder 1 misfire detected | <Ref. to EN-179, DTC P0301 — CYLINDER 1 MISFIRE DETECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0302 | Cylinder 2 misfire detected | <Ref. to EN-179, DTC P0302 — CYLINDER 2 MISFIRE DETECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

Engine (Diagnostics)

| DTC No. | Item | Index |
|---------|---|---|
| P0303 | Cylinder 3 misfire detected | <Ref. to EN-179, DTC P0303 — CYLINDER 3 MISFIRE DETECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0304 | Cylinder 4 misfire detected | <Ref. to EN-180, DTC P0304 — CYLINDER 4 MISFIRE DETECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0327 | Knock sensor circuit low input | <Ref. to EN-188, DTC P0327 — KNOCK SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0328 | Knock sensor circuit high input | <Ref. to EN-190, DTC P0328 — KNOCK SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0335 | Crankshaft position sensor circuit malfunction | <Ref. to EN-192, DTC P0335 — CRANKSHAFT POSITION SENSOR CIRCUIT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0336 | Crankshaft position sensor circuit range/performance problem | <Ref. to EN-194, DTC P0336 — CRANKSHAFT POSITION SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0340 | Camshaft position sensor circuit malfunction | <Ref. to EN-196, DTC P0340 — CAMSHAFT POSITION SENSOR CIRCUIT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0341 | Camshaft position sensor circuit range/performance problem | <Ref. to EN-198, DTC P0341 — CAMSHAFT POSITION SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0420 | Catalyst system efficiency below threshold | <Ref. to EN-202, DTC P0420 — CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0442 | Evaporative emission control system malfunction | <Ref. to EN-204, DTC P0442 — EVAPORATIVE EMISSION CONTROL SYSTEM MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0447 | Evaporative emission control system vent control low input | <Ref. to EN-208, DTC P0447 — EVAPORATIVE EMISSION CONTROL SYSTEM VENT CONTROL LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0448 | Evaporative emission control system vent control high input | <Ref. to EN-212, DTC P0448 — EVAPORATIVE EMISSION CONTROL SYSTEM VENT CONTROL HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0451 | Evaporative emission control system pressure sensor range/performance problem | <Ref. to EN-214, DTC P0451 — EVAPORATIVE EMISSION CONTROL SYSTEM PRESSURE SENSOR RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0452 | Evaporative emission control system pressure sensor low input | <Ref. to EN-216, DTC P0452 — EVAPORATIVE EMISSION CONTROL SYSTEM PRESSURE SENSOR LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0453 | Evaporative emission control system pressure sensor high input | <Ref. to EN-220, DTC P0453 — EVAPORATIVE EMISSION CONTROL SYSTEM PRESSURE SENSOR HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0456 | Evaporative emission control system malfunction | <Ref. to EN-224, DTC P0456 — EVAPORATIVE EMISSION CONTROL SYSTEM MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0457 | Evaporative emission control system malfunction | <Ref. to EN-228, DTC P0457 — EVAPORATIVE EMISSION CONTROL SYSTEM MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0458 | Evaporative emission control system purge control valve circuit low input | <Ref. to EN-232, DTC P0458 — EVAPORATIVE EMISSION CONTROL SYSTEM PURGE CONTROL VALVE CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

Engine (Diagnostics)

| DTC No. | Item | Index |
|---------|--|--|
| P0459 | Evaporative emission control system purge control valve circuit high input | <Ref. to EN-236, DTC P0459 — EVAPORATIVE EMISSION CONTROL SYSTEM PURGE CONTROL VALVE CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0462 | Fuel level sensor circuit low input | <Ref. to EN-238, DTC P0462 — FUEL LEVEL SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0463 | Fuel level sensor circuit high input | <Ref. to EN-242, DTC P0463 — FUEL LEVEL SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0464 | Fuel level sensor intermittent input | <Ref. to EN-246, DTC P0464 — FUEL LEVEL SENSOR INTERMITTENT INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0483 | Cooling fan function problem | <Ref. to EN-248, DTC P0483 — COOLING FAN FUNCTION PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0500 | Vehicle speed sensor malfunction | <Ref. to EN-252, DTC P0500 — VEHICLE SPEED SENSOR MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0506 | Idle control system RPM lower than expected | <Ref. to EN-254, DTC P0506 — IDLE CONTROL SYSTEM RPM LOWER THAN EXPECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0507 | Idle control system RPM higher than expected | <Ref. to EN-256, DTC P0507 — IDLE CONTROL SYSTEM RPM HIGHER THAN EXPECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0512 | Starter switch circuit high input | <Ref. to EN-258, DTC P0512 — STARTER SWITCH CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0604 | Internal control module memory check sum error | <Ref. to EN-261, DTC P0604 — INTERNAL CONTROL MODULE MEMORY CHECK SUM ERROR —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0691 | Cooling fan relay 1 circuit low input | <Ref. to EN-262, DTC P0691 — COOLING FAN RELAY 1 CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0692 | Cooling fan relay 1 circuit high input | <Ref. to EN-266, DTC P0692 — COOLING FAN RELAY 1 CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0703 | Brake switch input malfunction | <Ref. to EN-270, DTC P0703 — BRAKE SWITCH INPUT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0705 | Transmission range sensor circuit malfunction | <Ref. to AT-122, CHECK INHIBITOR SWITCH, Diagnostic Procedure for No-Trouble Code (DTC).> |
| P0710 | Transmission fluid temperature sensor circuit malfunction | <Ref. to AT-48, DTC 27 ATF TEMPERATURE SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0715 | Torque converter turbine speed sensor circuit malfunction | <Ref. to AT-66, DTC 36 TORQUE CONVERTER TURBINE SPEED SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0720 | Output speed sensor (vehicle speed sensor 2) circuit malfunction | <Ref. to AT-60, DTC 33 FRONT VEHICLE SPEED SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0725 | Engine speed input circuit malfunction | <Ref. to AT-44, DTC 11 ENGINE SPEED SIGNAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0731 | Gear 1 incorrect ratio | <Ref. to EN-272, DTC P0731 — GEAR 1 INCORRECT RATIO —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

Engine (Diagnostics)

| DTC No. | Item | Index |
|---------|--|---|
| P0732 | Gear 2 incorrect ratio | <Ref. to EN-272, DTC P0732 — GEAR 2 INCORRECT RATIO —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0733 | Gear 3 incorrect ratio | <Ref. to EN-272, DTC P0733 — GEAR 3 INCORRECT RATIO —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0734 | Gear 4 incorrect ratio | <Ref. to EN-273, DTC P0734 — GEAR 4 INCORRECT RATIO —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0741 | Torque converter clutch system malfunction | <Ref. to EN-274, DTC P0741 — TORQUE CONVERTER CLUTCH SYSTEM MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0743 | Torque converter clutch system (Lock-up duty solenoid) electrical | <Ref. to AT-100, DTC 77 LOCK-UP DUTY SOLENOID, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0748 | Pressure control solenoid (Line pressure duty solenoid) electrical | <Ref. to AT-90, DTC 75 LINE PRESSURE DUTY SOLENOID, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0753 | Shift solenoid A (Shift solenoid 1) electrical | <Ref. to AT-74, DTC 71 SHIFT SOLENOID 1, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0758 | Shift solenoid B (Shift solenoid 2) electrical | <Ref. to AT-78, DTC 72 SHIFT SOLENOID 2, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0778 | 2-4 brake pressure control solenoid valve circuit malfunction | <Ref. to AT-94, DTC 76 2-4 BRAKE DUTY SOLENOID, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0785 | 2-4 brake timing control solenoid valve circuit malfunction | <Ref. to AT-86, DTC 74 2-4 BRAKE TIMING SOLENOID, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0851 | Neutral position switch circuit low input | <Ref. to EN-276, DTC P0851 — NEUTRAL POSITION SWITCH CIRCUIT LOW INPUT (AT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> and <Ref. to EN-278, DTC P0851 — NEUTRAL POSITION SWITCH CIRCUIT LOW INPUT (MT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0852 | Neutral position switch circuit high input | <Ref. to EN-280, DTC P0852 — NEUTRAL POSITION SWITCH CIRCUIT HIGH INPUT (AT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> and <Ref. to EN-284, DTC P0852 — NEUTRAL POSITION SWITCH CIRCUIT HIGH INPUT (MT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0864 | Automatic transmission diagnosis input signal circuit malfunction | <Ref. to EN-288, DTC P0864 — AUTOMATIC TRANSMISSION DIAGNOSIS INPUT SIGNAL CIRCUIT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0865 | Automatic transmission diagnosis input signal circuit low input | <Ref. to EN-290, DTC P0865 — AUTOMATIC TRANSMISSION DIAGNOSIS INPUT SIGNAL CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0866 | Automatic transmission diagnosis input signal circuit high input | <Ref. to EN-292, DTC P0866 — AUTOMATIC TRANSMISSION DIAGNOSIS INPUT SIGNAL CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1110 | Atmospheric pressure sensor low input | <Ref. to EN-294, DTC P1110 — ATMOSPHERIC PRESSURE SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1111 | Atmospheric pressure sensor high input | <Ref. to EN-294, DTC P1111 — ATMOSPHERIC PRESSURE SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

Engine (Diagnostics)

| DTC No. | Item | Index |
|---------|---|---|
| P1112 | Atmospheric pressure sensor range/performance problem | <Ref. to EN-295, DTC P1112 — ATMOSPHERIC PRESSURE SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1137 | Front oxygen (A/F) sensor circuit range/performance problem | <Ref. to EN-296, DTC P1137 — FRONT OXYGEN (A/F) SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1142 | Throttle position sensor circuit range/performance problem (low input) | <Ref. to EN-300, DTC P1142 — THROTTLE POSITION SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1146 | Pressure sensor circuit range/performance problem (high input) | <Ref. to EN-302, DTC P1146 — PRESSURE SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1400 | Fuel tank pressure control solenoid valve circuit low input | <Ref. to EN-304, DTC P1400 — FUEL TANK PRESSURE CONTROL SOLENOID VALVE CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1420 | Fuel tank pressure control solenoid valve circuit high input | <Ref. to EN-308, DTC P1420 — FUEL TANK PRESSURE CONTROL SOLENOID VALVE CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1442 | Fuel level sensor circuit range/performance problem 2 | <Ref. to EN-310, DTC P1442 — FUEL LEVEL SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM 2 —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1443 | Evaporative emission control system vent control function problem | <Ref. to EN-312, DTC P1443 — EVAPORATIVE EMISSION CONTROL SYSTEM VENT CONTROL FUNCTION PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1446 | Evaporative emission control system atmospheric pressure solenoid valve circuit low input | <Ref. to EN-314, DTC P1446 — EVAPORATIVE EMISSION CONTROL SYSTEM ATMOSPHERIC PRESSURE SOLENOID VALVE LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1447 | Evaporative emission control system atmospheric pressure solenoid valve circuit high input | <Ref. to EN-318, DTC P1447 — EVAPORATIVE EMISSION CONTROL SYSTEM ATMOSPHERIC PRESSURE SOLENOID VALVE HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1448 | Evaporative emission control system atmospheric pressure solenoid valve circuit range/performance problem | <Ref. to EN-320, DTC P1448 — EVAPORATIVE EMISSION CONTROL SYSTEM ATMOSPHERIC PRESSURE SOLENOID VALVE RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1507 | Idle control system malfunction (fail-safe) | <Ref. to EN-322, DTC P1507 — IDLE CONTROL SYSTEM MALFUNCTION (FAIL-SAFE) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1510 | Idle air control solenoid valve signal 1 circuit low input | <Ref. to EN-324, DTC P1510 — IDLE AIR CONTROL SOLENOID VALVE SIGNAL 1 CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1511 | Idle air control solenoid valve signal 1 circuit high input | <Ref. to EN-324, DTC P1511 — IDLE AIR CONTROL SOLENOID VALVE SIGNAL 1 CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1512 | Idle air control solenoid valve signal 2 circuit low input | <Ref. to EN-324, DTC P1512 — IDLE AIR CONTROL SOLENOID VALVE SIGNAL 2 CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1513 | Idle air control solenoid valve signal 2 circuit high input | <Ref. to EN-324, DTC P1513 — IDLE AIR CONTROL SOLENOID VALVE SIGNAL 2 CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

Engine (Diagnostics)

| DTC No. | Item | Index |
|---------|--|--|
| P1514 | Idle air control solenoid valve signal 3 circuit low input | <Ref. to EN-324, DTC P1514 — IDLE AIR CONTROL SOLENOID VALVE SIGNAL 3 CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1515 | Idle air control solenoid valve signal 3 circuit high input | <Ref. to EN-324, DTC P1515 — IDLE AIR CONTROL SOLENOID VALVE SIGNAL 3 CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1516 | Idle air control solenoid valve signal 4 circuit low input | <Ref. to EN-326, DTC P1516 — IDLE AIR CONTROL SOLENOID VALVE SIGNAL 4 CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1517 | Idle air control solenoid valve signal 4 circuit high input | <Ref. to EN-330, DTC P1517 — IDLE AIR CONTROL SOLENOID VALVE SIGNAL 4 CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1518 | Starter switch circuit low input | <Ref. to EN-332, DTC P1518 — STARTER SWITCH CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1540 | Vehicle speed sensor malfunction 2 | <Ref. to EN-336, DTC P1540 — VEHICLE SPEED SENSOR MALFUNCTION 2 —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1560 | Back-up voltage circuit malfunction | <Ref. to EN-338, DTC P1560 — BACK-UP VOLTAGE CIRCUIT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1698 | Engine torque control cut signal circuit low input | <Ref. to EN-340, DTC P1698 — ENGINE TORQUE CONTROL CUT SIGNAL CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1699 | Engine torque control cut signal circuit high input | <Ref. to EN-342, DTC P1699 — ENGINE TORQUE CONTROL CUT SIGNAL CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1700 | Throttle position sensor circuit malfunction for automatic transmission | <Ref. to AT-52, DTC 31 THROTTLE POSITION SENSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1701 | Cruise control set signal circuit malfunction for automatic transmission | <Ref. to EN-344, DTC P1701 — CRUISE CONTROL SET SIGNAL CIRCUIT MALFUNCTION FOR AUTOMATIC TRANSMISSION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1703 | Low clutch timing control solenoid valve circuit malfunction | <Ref. to AT-82, DTC 73 LOW CLUTCH TIMING SOLENOID, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1711 | Engine torque control signal 1 circuit malfunction | <Ref. to EN-346, DTC P1711 — ENGINE TORQUE CONTROL SIGNAL 1 CIRCUIT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1712 | Engine torque control signal 2 circuit malfunction | <Ref. to EN-348, DTC P1712 — ENGINE TORQUE CONTROL SIGNAL 2 CIRCUIT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

Engine (Diagnostics)

MEMO: