17.List of Diagnostic Trouble Code (DTC)

A: LIST

| DTC | Item | Note |
|-------|--|---|
| B1570 | Antenna | <ref. (dtc).="" antenna,="" b1570="" code="" diagnostic="" dtc="" im(diag)-16,="" procedure="" to="" trouble="" with=""></ref.> |
| B1571 | Reference Code Incompatibility | <ref. b1571="" code="" dtc="" im(diag)-18,="" incompatibility,<br="" reference="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).> <ref. to<br="">KPS(diag)-104, DTC B1571 REFERENCE CODE INCOMPATIBILITY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.></ref.> |
| B1572 | IMM Circuit Failure (Except Antenna Circuit) | <ref. (dtc).="" (except="" antenna="" b1572="" circuit="" circuit),="" code="" diagnostic="" dtc="" failure="" im(diag)-19,="" imm="" procedure="" to="" trouble="" with=""> <ref. (dtc).="" (except="" antenna="" b1572="" circuit="" circuit),="" code="" diagnostic="" dtc="" failure="" imm="" kps(diag)-105,="" procedure="" to="" trouble="" with=""></ref.></ref.> |
| B1574 | Key Communication Failure | <ref. (dtc).="" b1574="" code="" communication="" diagnostic="" dtc="" failure,="" im(diag)-21,="" key="" procedure="" to="" trouble="" with=""></ref.> |
| B1575 | Incorrect Immobilizer Key | <ref. (dtc).="" b1575="" code="" diagnostic="" dtc="" im(diag)-22,="" immobilizer="" incorrect="" key,="" procedure="" to="" trouble="" with=""></ref.> |
| B1576 | EGI Control Module EEPROM | <ref. (dtc).="" b1576="" code="" control="" diagnostic="" dtc="" eeprom,="" egi="" im(diag)-22,="" module="" procedure="" to="" trouble="" with=""> <ref. (dtc).="" b1576="" code="" control="" diagnostic="" dtc="" eeprom,="" egi="" kps(diag)-109,="" module="" procedure="" to="" trouble="" with=""></ref.></ref.> |
| B1577 | IMM Control Module EEPROM | <ref. (dtc).="" b1577="" code="" control="" diagnostic="" dtc="" eeprom,="" im(diag)-23,="" imm="" module="" procedure="" to="" trouble="" with=""> <ref. (dtc).="" b1577="" code="" control="" diagnostic="" dtc="" eeprom,="" imm="" kps(diag)-109,="" module="" procedure="" to="" trouble="" with=""></ref.></ref.> |
| B1578 | Meter Failure | <ref. (dtc).="" b1578="" code="" diagnostic="" dtc="" failure,="" im(diag)-23,="" meter="" procedure="" to="" trouble="" with=""></ref.> |
| P000A | A Camshaft Position Slow Response (Bank 1) | <ref. (bank="" (dtc).="" 1),="" a="" camshaft="" code="" diagnostic="" dtc="" en(w="" o="" p000a="" position="" procedure="" response="" slow="" sti)(diag)-96,="" to="" trouble="" with=""></ref.> |
| P000B | B Camshaft Position Slow Response (Bank 1) | <ref. (bank="" (dtc).="" 1),="" b="" camshaft="" code="" diagnostic="" dtc="" en(w="" o="" p000b="" position="" procedure="" response="" slow="" sti)(diag)-96,="" to="" trouble="" with=""></ref.> |
| P000C | A Camshaft Position Slow Response (Bank 2) | <ref. (bank="" (dtc).="" 2),="" a="" camshaft="" code="" diagnostic="" dtc="" en(w="" o="" p000c="" position="" procedure="" response="" slow="" sti)(diag)-96,="" to="" trouble="" with=""></ref.> |
| P000D | B Camshaft Position Slow Response (Bank 2) | <ref. (bank="" (dtc).="" 2),="" b="" camshaft="" code="" diagnostic="" dtc="" en(w="" o="" p000d="" position="" procedure="" response="" slow="" sti)(diag)-96,="" to="" trouble="" with=""></ref.> |
| P0010 | "A" Camshaft Position Actuator Circuit/Open (Bank 1) | <ref. "a"="" actu-<br="" camshaft="" dtc="" en(w="" o="" p0010="" position="" sti)(diag)-97,="" to="">ATOR CIRCUIT/OPEN (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0011 | Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 1) | <ref. (bank="" (dtc).="" -="" 1),="" camshaft="" code="" diagnostic="" dtc="" en(w="" intake="" o="" or="" over-advanced="" p0011="" performance="" position="" procedure="" sti)(diag)-99,="" system="" timing="" to="" trouble="" with=""></ref.> |
| P0013 | B Camshaft Position Actuator Circuit/Open (Bank 1) | <ref. actu-<br="" b="" camshaft="" dtc="" en(w="" o="" p0013="" position="" sti)(diag)-100,="" to="">ATOR CIRCUIT/OPEN (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0014 | Exhaust AVCS System 1 (Range/ Performance) | <ref. (dtc).="" (range="" 1="" avcs="" code="" diagnostic="" dtc="" en(w="" exhaust="" o="" p0014="" performance),="" procedure="" sti)(diag)-102,="" system="" to="" trouble="" with=""></ref.> |
| P0016 | Crankshaft Position - Camshaft Position Correlation (Bank1) | <ref. (bank1),="" (dtc).="" -="" cam-shaft="" code="" correlation="" crankshaft="" diagnostic="" dtc="" en(w="" o="" p0016="" position="" procedure="" sti)(diag)-103,="" to="" trouble="" with=""></ref.> |

| DTC | Item | Note |
|-------|--|--|
| P0017 | Crank and Cam Timing B System Failure (Bank 1) | <ref. (bank="" (dtc).="" 1),="" and="" b="" cam="" code="" crank="" diagnostic="" dtc="" en(w="" failure="" o="" p0017="" procedure="" sti)(diag)-105,="" system="" timing="" to="" trouble="" with=""></ref.> |
| P0018 | Crankshaft Position - Camshaft Position Correlation (Bank2) | <ref. (bank2),="" (dtc).="" -="" cam-shaft="" code="" correlation="" crankshaft="" diagnostic="" dtc="" en(w="" o="" p0018="" position="" procedure="" sti)(diag)-107,="" to="" trouble="" with=""></ref.> |
| P0019 | Crank and Cam Timing B System Failure (Bank 2) | <ref. and="" b<br="" cam="" crank="" dtc="" en(w="" o="" p0019="" sti)(diag)-109,="" timing="" to="">SYSTEM FAILURE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0020 | "A" Camshaft Position Actuator Circuit/Open (Bank 2) | <ref. "a"="" camshaft="" dtc="" en(w="" o="" p0020="" position<br="" sti)(diag)-111,="" to="">ACTUATOR CIRCUIT/OPEN (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0021 | Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 2) | <ref. -<br="" camshaft="" dtc="" en(w="" intake="" o="" p0021="" position="" sti)(diag)-113,="" to="">TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 2), Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0023 | B Camshaft Position Actuator Circuit/Open (Bank 2) | <ref. (bank="" (dtc).="" 2),="" actu-ator="" b="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" open="" p0023="" position="" procedure="" sti)(diag)-114,="" to="" trouble="" with=""></ref.> |
| P0024 | Exhaust AVCS System 2 (Range/ Performance) | <ref. (dtc).="" (range="" 2="" avcs="" code="" diagnostic="" dtc="" en(w="" exhaust="" o="" p0024="" performance),="" procedure="" sti)(diag)-116,="" system="" to="" trouble="" with=""></ref.> |
| P0030 | HO2S Heater Control Circuit (Bank 1 Sensor 1) | <ref. cir-<br="" control="" dtc="" en(w="" heater="" ho2s="" o="" p0030="" sti)(diag)-117,="" to="">CUIT (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0031 | HO2S Heater Control Circuit Low (Bank 1 Sensor 1) | <ref. cir-<br="" control="" dtc="" en(w="" heater="" ho2s="" o="" p0031="" sti)(diag)-119,="" to="">CUIT LOW (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.> |
| P0032 | HO2S Heater Control Circuit High (Bank 1 Sensor 1) | <ref. cir-<br="" control="" dtc="" en(w="" heater="" ho2s="" o="" p0032="" sti)(diag)-121,="" to="">CUIT HIGH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.> |
| P0037 | HO2S Heater Control Circuit Low (Bank 1 Sensor 2) | <ref. cir-<br="" control="" dtc="" en(w="" heater="" ho2s="" o="" p0037="" sti)(diag)-123,="" to="">CUIT LOW (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.> |
| P0038 | HO2S Heater Control Circuit High (Bank 1 Sensor 2) | <ref. cir-<br="" control="" dtc="" en(w="" heater="" ho2s="" o="" p0038="" sti)(diag)-125,="" to="">CUIT HIGH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.> |
| P0068 | MAP/MAF - Throttle Position Correlation | <ref. -="" dtc="" en(w="" maf="" map="" o="" p0068="" posi-<br="" sti)(diag)-127,="" throttle="" to="">TION CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0071 | Ambient Temperature Sensor Circuit "A" Range/Performance | <ref. ambient="" dtc="" en(w="" o="" p0071="" sen-<br="" sti)(diag)-128,="" temperature="" to="">SOR CIRCUIT "A" RANGE/PERFORMANCE, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.> |
| P0072 | Ambient Temperature Sensor Circuit "A" Low | <ref. ambient="" dtc="" en(w="" o="" p0072="" sen-<br="" sti)(diag)-129,="" temperature="" to="">SOR CIRCUIT "A" LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0073 | Ambient Temperature Sensor Circuit "A" High | <ref. ambient="" dtc="" en(w="" o="" p0073="" sen-<br="" sti)(diag)-129,="" temperature="" to="">SOR CIRCUIT "A" HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0087 | Fuel Rail/System Pressure - Too Low | <ref. (dtc).="" -="" code="" diagnostic="" dtc="" en(w="" fuel="" low,="" o="" p0087="" pressure="" procedure="" rail="" sti)(diag)-130,="" system="" to="" too="" trouble="" with=""></ref.> |
| P0088 | Fuel Rail/System Pressure - Too High | <ref. (dtc).="" -="" code="" diagnostic="" dtc="" en(w="" fuel="" high,="" o="" p0088="" pressure="" procedure="" rail="" sti)(diag)-133,="" system="" to="" too="" trouble="" with=""></ref.> |
| P0096 | Intake Air Temperature Sensor #2 Range/Performance Problem | <ref. #2="" (dtc).="" air="" code="" diagnostic="" dtc="" en(w="" intake="" o="" p0096="" performance="" problem,="" procedure="" range="" sensor="" sti)(diag)-134,="" temperature="" to="" trouble="" with=""></ref.> |

| DTC | Item | Note |
|-------|---|---|
| P0097 | Intake Air Temperature Sensor #2 Circuit (Low) | <ref. #2="" (dtc).="" (low),="" air="" circuit="" code="" diagnostic="" dtc="" en(w="" intake="" o="" p0097="" procedure="" sensor="" sti)(diag)-135,="" temperature="" to="" trouble="" with=""></ref.> |
| P0098 | Intake Air Temperature Sensor #2 Circuit (High) | <ref. air="" dtc="" en(w="" intake="" o="" p0098="" sti)(diag)-137,="" temperature<br="" to="">SENSOR #2 CIRCUIT (HIGH), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0101 | Mass or Volume Air Flow Circuit Range/Performance | <ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en(w="" flow="" mass="" o="" or="" p0101="" performance,="" procedure="" range="" sti)(diag)-139,="" to="" trouble="" volume="" with=""></ref.> |
| P0102 | Mass or Volume Air Flow Circuit Low Input | <ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en(w="" flow="" input,="" low="" mass="" o="" or="" p0102="" procedure="" sti)(diag)-140,="" to="" trouble="" volume="" with=""></ref.> |
| P0103 | Mass or Volume Air Flow Circuit High Input | <ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en(w="" flow="" high="" input,="" mass="" o="" or="" p0103="" procedure="" sti)(diag)-142,="" to="" trouble="" volume="" with=""></ref.> |
| P0107 | Manifold Absolute Pressure/Barometric Pressure Circuit Low Input | <ref. absolute="" dtc="" en(w="" manifold="" o="" p0107="" pres-<br="" sti)(diag)-144,="" to="">SURE/BAROMETRIC PRESSURE CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0108 | Manifold Absolute Pressure/Baro- metric Pressure Circuit High Input | <ref. absolute="" dtc="" en(w="" manifold="" o="" p0108="" pres-<br="" sti)(diag)-147,="" to="">SURE/BAROMETRIC PRESSURE CIRCUIT HIGH INPUT, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.> |
| P0111 | Intake Air Temperature Sensor Range/Performance Problem | <ref. (dtc).="" air="" code="" diagnostic="" dtc="" en(w="" intake="" o="" p0111="" performance="" problem,="" procedure="" range="" sensor="" sti)(diag)-150,="" temperature="" to="" trouble="" with=""></ref.> |
| P0112 | Intake Air Temperature Sensor 1 Circuit Low | <ref. (dtc).="" 1="" air="" circuit="" code="" diagnostic="" dtc="" en(w="" intake="" low,="" o="" p0112="" procedure="" sensor="" sti)(diag)-151,="" temperature="" to="" trouble="" with=""></ref.> |
| P0113 | Intake Air Temperature Sensor 1 Circuit High | <ref. (dtc).="" 1="" air="" circuit="" code="" diagnostic="" dtc="" en(w="" high,="" intake="" o="" p0113="" procedure="" sensor="" sti)(diag)-153,="" temperature="" to="" trouble="" with=""></ref.> |
| P0116 | Engine Coolant Temperature Sensor 1 Circuit Range/Performance | <ref. coolant="" dtc="" en(w="" engine="" o="" p0116="" sti)(diag)-155,="" tempera-<br="" to="">TURE SENSOR 1 CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0117 | Engine Coolant Temperature Circuit Low | <ref. (dtc).="" circuit="" code="" coolant="" diagnostic="" dtc="" en(w="" engine="" low,="" o="" p0117="" procedure="" sti)(diag)-156,="" temperature="" to="" trouble="" with=""></ref.> |
| P0118 | Engine Coolant Temperature Circuit High | <ref. coolant="" dtc="" en(w="" engine="" o="" p0118="" sti)(diag)-158,="" tempera-<br="" to="">TURE CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0122 | Throttle/Pedal Position Sensor/ Switch "A" Circuit Low | <ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" low,="" o="" p0122="" pedal="" position="" procedure="" sensor="" sti)(diag)-160,="" switch="" throttle="" to="" trouble="" with=""></ref.> |
| P0123 | Throttle/Pedal Position Sensor/ Switch "A" Circuit High | <ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" high,="" o="" p0123="" pedal="" position="" procedure="" sensor="" sti)(diag)-163,="" switch="" throttle="" to="" trouble="" with=""></ref.> |
| P0125 | Insufficient Coolant Temperature for Closed Loop Fuel Control | <ref. coolant="" dtc="" en(w="" insufficient="" o="" p0125="" sti)(diag)-166,="" tem-<br="" to="">PERATURE FOR CLOSED LOOP FUEL CONTROL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0128 | Coolant Thermostat (Engine Coolant Temperature Below Thermostat Regulating Temperature) | <ref. coolant="" dtc="" en(w="" o="" p0128="" sti)(diag)-167,="" thermostat<br="" to="">(ENGINE COOLANT TEMPERATURE BELOW THERMOSTAT REGULATING TEMPERATURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0130 | O2 Sensor Circuit (Bank 1 Sensor 1) | <ref. (bank="" (dtc).="" 1="" 1),="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" o2="" p0130="" procedure="" sensor="" sti)(diag)-168,="" to="" trouble="" with=""></ref.> |
| P0131 | O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) | <ref. (bank="" (dtc).="" 1="" 1),="" circuit="" code="" diagnostic="" dtc="" en(w="" low="" o="" o2="" p0131="" procedure="" sensor="" sti)(diag)-171,="" to="" trouble="" voltage="" with=""></ref.> |

| DTC | Item | Note |
|-------|--|--|
| P0132 | O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) | <ref. (bank="" (dtc).="" 1="" 1),="" circuit="" code="" diagnostic="" dtc="" en(w="" high="" o="" o2="" p0132="" procedure="" sensor="" sti)(diag)-173,="" to="" trouble="" voltage="" with=""></ref.> |
| P0134 | O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1) | <ref. circuit="" dtc="" en(w="" no<br="" o="" o2="" p0134="" sensor="" sti)(diag)-175,="" to="">ACTIVITY DETECTED (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0137 | O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) | <ref. (bank="" (dtc).="" 1="" 2),="" circuit="" code="" diagnostic="" dtc="" en(w="" low="" o="" o2="" p0137="" procedure="" sensor="" sti)(diag)-177,="" to="" trouble="" voltage="" with=""></ref.> |
| P0138 | O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) | <ref. (bank="" (dtc).="" 1="" 2),="" circuit="" code="" diagnostic="" dtc="" en(w="" high="" o="" o2="" p0138="" procedure="" sensor="" sti)(diag)-179,="" to="" trouble="" voltage="" with=""></ref.> |
| P013A | O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2) | <ref. (bank="" (dtc).="" -="" 1="" 2),="" code="" diagnostic="" dtc="" en(w="" lean="" o="" o2="" p013a="" procedure="" response="" rich="" sensor="" slow="" sti)(diag)-181,="" to="" trouble="" with=""></ref.> |
| P013B | O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 2) | <ref. (bank="" (dtc).="" -="" 1="" 2),="" code="" diagnostic="" dtc="" en(w="" lean="" o="" o2="" p013b="" procedure="" response="" rich="" sensor="" slow="" sti)(diag)-182,="" to="" trouble="" with=""></ref.> |
| P013E | O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2) | <ref. (bank="" (dtc).="" -="" 1="" 2),="" code="" delayed="" diagnostic="" dtc="" en(w="" lean="" o="" o2="" p013e="" procedure="" response="" rich="" sensor="" sti)(diag)-182,="" to="" trouble="" with=""></ref.> |
| P013F | O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 2) | <ref. delayed<br="" dtc="" en(w="" o="" o2="" p013f="" sensor="" sti)(diag)-182,="" to="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0141 | O2 Sensor Heater Circuit (Bank1 Sensor2) | <ref. (bank1="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" heater="" o="" o2="" p0141="" procedure="" sensor="" sensor2),="" sti)(diag)-183,="" to="" trouble="" with=""></ref.> |
| P014C | O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1) | <ref. (bank="" (dtc).="" -="" 1="" 1),="" code="" diagnostic="" dtc="" en(w="" lean="" o="" o2="" p014c="" procedure="" response="" rich="" sensor="" slow="" sti)(diag)-185,="" to="" trouble="" with=""></ref.> |
| P014D | O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1) | <ref. (bank="" (dtc).="" -="" 1="" 1),="" code="" diagnostic="" dtc="" en(w="" lean="" o="" o2="" p014d="" procedure="" response="" rich="" sensor="" slow="" sti)(diag)-185,="" to="" trouble="" with=""></ref.> |
| P015A | O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1) | <ref. (bank="" (dtc).="" -="" 1="" 1),="" code="" delayed="" diagnostic="" dtc="" en(w="" lean="" o="" o2="" p015a="" procedure="" response="" rich="" sensor="" sti)(diag)-185,="" to="" trouble="" with=""></ref.> |
| P015B | O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 1) | <ref. (bank="" (dtc).="" -="" 1="" 1),="" code="" delayed="" diagnostic="" dtc="" en(w="" lean="" o="" o2="" p015b="" procedure="" response="" rich="" sensor="" sti)(diag)-185,="" to="" trouble="" with=""></ref.> |
| P0171 | System Too Lean (Bank 1) | <ref. (bank="" (dtc).="" 1),="" code="" diagnostic="" dtc="" en(w="" lean="" o="" p0171="" procedure="" sti)(diag)-185,="" system="" to="" too="" trouble="" with=""></ref.> |
| P0172 | System Too Rich (Bank 1) | <ref. (bank="" 1),<br="" dtc="" en(w="" o="" p0172="" rich="" sti)(diag)-186,="" system="" to="" too="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0191 | Fuel Rail Pressure Sensor "A" Circuit Range/Performance | <ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" fuel="" o="" p0191="" performance,="" pressure="" procedure="" rail="" range="" sensor="" sti)(diag)-190,="" to="" trouble="" with=""></ref.> |
| P0192 | Fuel Rail Pressure Sensor Circuit Low | <ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" fuel="" low,="" o="" p0192="" pressure="" procedure="" rail="" sensor="" sti)(diag)-193,="" to="" trouble="" with=""></ref.> |
| P0193 | Fuel Rail Pressure Sensor Circuit High | <ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" fuel="" high,="" o="" p0193="" pressure="" procedure="" rail="" sensor="" sti)(diag)-195,="" to="" trouble="" with=""></ref.> |
| P0196 | Engine Oil Temperature Sensor Circuit Range/Performance | <ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" engine="" o="" oil="" p0196="" performance,="" procedure="" range="" sensor="" sti)(diag)-197,="" temperature="" to="" trouble="" with=""></ref.> |
| P0197 | Engine Oil Temperature Sensor Low | <ref. (dtc).="" code="" diagnostic="" dtc="" en(w="" engine="" low,="" o="" oil="" p0197="" procedure="" sensor="" sti)(diag)-199,="" temperature="" to="" trouble="" with=""></ref.> |

| DTC | Item | Note |
|-------|--|---|
| P0198 | Engine Oil Temperature Sensor High | <ref. (dtc).="" code="" diagnostic="" dtc="" en(w="" engine="" high,="" o="" oil="" p0198="" procedure="" sensor="" sti)(diag)-201,="" temperature="" to="" trouble="" with=""></ref.> |
| P0222 | Throttle/Pedal Position Sensor/ Switch "B" Circuit Low | <ref. dtc="" en(w="" o="" p0222="" pedal="" position<br="" sti)(diag)-203,="" throttle="" to="">SENSOR/SWITCH "B" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0223 | Throttle/Pedal Position Sensor/ Switch "B" Circuit High | <ref. dtc="" en(w="" o="" p0223="" pedal="" position<br="" sti)(diag)-206,="" throttle="" to="">SENSOR/SWITCH "B" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0230 | Fuel Pump Primary Circuit | <ref. (dtc).="" circuit,="" code="" diagnostic="" dtc="" en(w="" fuel="" o="" p0230="" primary="" procedure="" pump="" sti)(diag)-209,="" to="" trouble="" with=""></ref.> |
| P023F | Fuel Pump Secondary Circuit/ Open | <ref. (dtc).="" cir-cuit="" code="" diagnostic="" dtc="" en(w="" fuel="" o="" open,="" p023f="" procedure="" pump="" secondary="" sti)(diag)-212,="" to="" trouble="" with=""></ref.> |
| P0244 | Turbo/Super Charger Wastegate Solenoid "A" Range/Performance | <ref. "a"="" (dtc).="" charger="" code="" diagnostic="" dtc="" en(w="" o="" p0244="" performance,="" procedure="" range="" solenoid="" sti)(diag)-214,="" super="" to="" trouble="" turbo="" wastegate="" with=""></ref.> |
| P0245 | Turbo/Super Charger Wastegate Solenoid "A" Low | <ref. "a"="" (dtc).="" charger="" code="" diagnostic="" dtc="" en(w="" low,="" o="" p0245="" procedure="" solenoid="" sti)(diag)-215,="" super="" to="" trouble="" turbo="" wastegate="" with=""></ref.> |
| P0246 | Turbo/Super Charger Wastegate Solenoid "A" High | <ref. "a"="" (dtc).="" charger="" code="" diagnostic="" dtc="" en(w="" high,="" o="" p0246="" procedure="" solenoid="" sti)(diag)-217,="" super="" to="" trouble="" turbo="" wastegate="" with=""></ref.> |
| P0300 | Random/Multiple Cylinder Misfire Detected | <ref. (dtc).="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(w="" misfire="" multiple="" o="" p0300="" procedure="" random="" sti)(diag)-219,="" to="" trouble="" with=""></ref.> |
| P0301 | Cylinder 1 Misfire Detected | <ref. (dtc).="" 1="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(w="" misfire="" o="" p0301="" procedure="" sti)(diag)-223,="" to="" trouble="" with=""></ref.> |
| P0302 | Cylinder 2 Misfire Detected | <ref. (dtc).="" 2="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(w="" misfire="" o="" p0302="" procedure="" sti)(diag)-223,="" to="" trouble="" with=""></ref.> |
| P0303 | Cylinder 3 Misfire Detected | <ref. (dtc).="" 3="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(w="" misfire="" o="" p0303="" procedure="" sti)(diag)-223,="" to="" trouble="" with=""></ref.> |
| P0304 | Cylinder 4 Misfire Detected | <ref. (dtc).="" 4="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(w="" misfire="" o="" p0304="" procedure="" sti)(diag)-224,="" to="" trouble="" with=""></ref.> |
| P0327 | Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor) | <ref. (bank="" (dtc).="" 1="" circuit="" code="" diagnostic="" dtc="" en(w="" knock="" low="" o="" or="" p0327="" procedure="" sensor="" sensor),="" single="" sti)(diag)-228,="" to="" trouble="" with=""></ref.> |
| P0328 | Knock Sensor 1 Circuit High (Bank 1 or Single Sensor) | <ref. (bank="" (dtc).="" 1="" circuit="" code="" diagnostic="" dtc="" en(w="" high="" knock="" o="" or="" p0328="" procedure="" sensor="" sensor),="" single="" sti)(diag)-230,="" to="" trouble="" with=""></ref.> |
| P0332 | Knock Sensor 2 Circuit Low (Bank 2) | <ref. (bank="" (dtc).="" 2="" 2),="" circuit="" code="" diagnostic="" dtc="" en(w="" knock="" low="" o="" p0332="" procedure="" sensor="" sti)(diag)-232,="" to="" trouble="" with=""></ref.> |
| P0333 | Knock Sensor 2 Circuit High (Bank 2) | <ref. (bank="" (dtc).="" 2="" 2),="" circuit="" code="" diagnostic="" dtc="" en(w="" high="" knock="" o="" p0333="" procedure="" sensor="" sti)(diag)-234,="" to="" trouble="" with=""></ref.> |
| P0335 | Crankshaft Position Sensor "A" Circuit | <ref. "a"="" (dtc).="" circuit,="" code="" crankshaft="" diagnostic="" dtc="" en(w="" o="" p0335="" position="" procedure="" sensor="" sti)(diag)-236,="" to="" trouble="" with=""></ref.> |
| P0336 | Crankshaft Position Sensor "A" Circuit Range/Performance | <ref. crankshaft="" dtc="" en(w="" o="" p0336="" position="" sen-<br="" sti)(diag)-238,="" to="">SOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.> |
| P0340 | Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor) | <ref. "a"="" (bank="" (dtc).="" 1="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" or="" p0340="" position="" procedure="" sensor="" sensor),="" single="" sti)(diag)-239,="" to="" trouble="" with=""></ref.> |
| P0341 | Camshaft Position Sensor "A" Circuit Range/Performance (Bank 1 or Single Sensor) | <ref. "a"="" (bank="" (dtc).="" 1="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" or="" p0341="" performance="" position="" procedure="" range="" sensor="" sensor),="" single="" sti)(diag)-241,="" to="" trouble="" with=""></ref.> |
| P0345 | Camshaft Position Sensor "A" Circuit (Bank 2) | <ref. "a"="" (bank="" (dtc).="" 2),="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" p0345="" position="" procedure="" sensor="" sti)(diag)-242,="" to="" trouble="" with=""></ref.> |

List of Diagnostic Trouble Code (DTC)

| DTC | Item | Note |
|-------|---|---|
| P0346 | Camshaft Position Sensor "A" Circuit Range/Performance (Bank 2) | <ref. "a"="" (bank="" (dtc).="" 2),="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" p0346="" performance="" position="" procedure="" range="" sensor="" sti)(diag)-244,="" to="" trouble="" with=""></ref.> |
| P0351 | Ignition Coil A Primary/Secondary Circuit | <ref. <br="" a="" coil="" dtc="" en(w="" ignition="" o="" p0351="" primary="" sti)(diag)-245,="" to="">SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0352 | Ignition Coil B Primary/Secondary Circuit | <ref. <br="" b="" coil="" dtc="" en(w="" ignition="" o="" p0352="" primary="" sti)(diag)-247,="" to="">SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0353 | Ignition Coil C Primary/Secondary Circuit | <ref. <br="" c="" coil="" dtc="" en(w="" ignition="" o="" p0353="" primary="" sti)(diag)-247,="" to="">SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0354 | Ignition Coil D Primary/Secondary Circuit | <ref. <br="" coil="" d="" dtc="" en(w="" ignition="" o="" p0354="" primary="" sti)(diag)-247,="" to="">SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0365 | Camshaft Position Sensor "B" Circuit (Bank 1) | <ref. "b"="" (bank="" (dtc).="" 1),="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" p0365="" position="" procedure="" sensor="" sti)(diag)-248,="" to="" trouble="" with=""></ref.> |
| P0366 | Camshaft Position Sensor B Circuit Range/Performance (Bank 1) | <ref. (bank="" (dtc).="" 1),="" b="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" p0366="" performance="" position="" procedure="" range="" sensor="" sti)(diag)-249,="" to="" trouble="" with=""></ref.> |
| P0390 | Camshaft Position Sensor "B" Circuit (Bank 2) | <ref. "b"="" (bank="" (dtc).="" 2),="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" p0390="" position="" procedure="" sensor="" sti)(diag)-250,="" to="" trouble="" with=""></ref.> |
| P0391 | Camshaft Position Sensor B Circuit Range/Performance (Bank 2) | <ref. (bank="" (dtc).="" 2),="" b="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" p0391="" performance="" position="" procedure="" range="" sensor="" sti)(diag)-252,="" to="" trouble="" with=""></ref.> |
| P0400 | Exhaust Gas Recirculation Flow | <ref. dtc="" en(w="" exhaust="" gas="" o="" p0400="" recircula-<br="" sti)(diag)-253,="" to="">TION FLOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0420 | Catalyst System Efficiency Below Threshold (Bank 1) | <ref. (bank="" (dtc).="" 1),="" below="" catalyst="" code="" diagnostic="" dtc="" effi-ciency="" en(w="" o="" p0420="" procedure="" sti)(diag)-254,="" system="" threshold="" to="" trouble="" with=""></ref.> |
| P0441 | Evaporative Emission Cont. Sys. Incorrect Purge Flow | <ref. (dtc).="" code="" cont.="" diagnostic="" dtc="" emission="" en(w="" evaporative="" flow,="" incorrect="" o="" p0441="" procedure="" purge="" sti)(diag)-259,="" sys.="" to="" trouble="" with=""></ref.> |
| P0451 | Evaporative Emission System Pressure Sensor/Switch Range/ Performance | <ref. (dtc).="" code="" diagnostic="" dtc="" emission="" en(w="" evaporative="" o="" p0451="" performance,="" pressure="" procedure="" range="" sensor="" sti)(diag)-260,="" switch="" system="" to="" trouble="" with=""></ref.> |
| P0452 | Evaporative Emission System Pressure Sensor/Switch Low | <ref. (dtc).="" code="" diagnostic="" dtc="" emission="" en(w="" evaporative="" low,="" o="" p0452="" pressure="" procedure="" sensor="" sti)(diag)-261,="" switch="" system="" to="" trouble="" with=""></ref.> |
| P0453 | Evaporative Emission System Pressure Sensor/Switch High | <ref. (dtc).="" code="" diagnostic="" dtc="" emission="" en(w="" evaporative="" high,="" o="" p0453="" pressure="" procedure="" sensor="" sti)(diag)-263,="" switch="" system="" to="" trouble="" with=""></ref.> |
| P0455 | Evaporative Emission System Leak Detected (Large Leak) | <ref. (dtc).="" (large="" code="" detected="" diagnostic="" dtc="" emission="" en(w="" evaporative="" leak="" leak),="" o="" p0455="" procedure="" sti)(diag)-265,="" system="" to="" trouble="" with=""></ref.> |
| P0456 | Evaporative Emission Control System Leak Detected (Very Small Leak) | <ref. (dtc).="" (very="" code="" control="" detected="" diagnostic="" dtc="" emission="" en(w="" evaporative="" leak="" leak),="" o="" p0456="" procedure="" small="" sti)(diag)-266,="" system="" to="" trouble="" with=""></ref.> |
| P0458 | Evaporative Emission System Purge Control Valve Circuit Low | <ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" emission="" en(w="" evaporative="" low,="" o="" p0458="" procedure="" purge="" sti)(diag)-267,="" system="" to="" trouble="" valve="" with=""></ref.> |
| P0459 | Evaporative Emission System Purge Control Valve Circuit High | <ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" emission="" en(w="" evaporative="" high,="" o="" p0459="" procedure="" purge="" sti)(diag)-269,="" system="" to="" trouble="" valve="" with=""></ref.> |

| DTC | Item | Note |
|-------|---|---|
| P0461 | Fuel Level Sensor "A" Circuit Range/Performance | <ref. "a"="" (dtc).="" cir-cuit="" code="" diagnostic="" dtc="" en(w="" fuel="" level="" o="" p0461="" performance,="" procedure="" range="" sensor="" sti)(diag)-271,="" to="" trouble="" with=""></ref.> |
| P0462 | Fuel Level Sensor "A" Circuit Low | <ref. "a"="" cir-<br="" dtc="" en(w="" fuel="" level="" o="" p0462="" sensor="" sti)(diag)-271,="" to="">CUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0463 | Fuel Level Sensor "A" Circuit High | <ref. "a"="" (dtc).="" cir-cuit="" code="" diagnostic="" dtc="" en(w="" fuel="" high,="" level="" o="" p0463="" procedure="" sensor="" sti)(diag)-272,="" to="" trouble="" with=""></ref.> |
| P0500 | Vehicle Speed Sensor "A" | <ref. "a",="" (dtc).="" code="" diagnostic="" dtc="" en(w="" o="" p0500="" procedure="" sensor="" speed="" sti)(diag)-272,="" to="" trouble="" vehicle="" with=""></ref.> |
| P0506 | Idle Air Control System RPM Lower Than Expected | <ref. (dtc).="" air="" code="" control="" diagnostic="" dtc="" en(w="" expected,="" idle="" lower="" o="" p0506="" procedure="" rpm="" sti)(diag)-273,="" system="" than="" to="" trouble="" with=""></ref.> |
| P0507 | Idle Air Control System RPM Higher Than Expected | <ref. (dtc).="" air="" code="" control="" diagnostic="" dtc="" en(w="" expected,="" higher="" idle="" o="" p0507="" procedure="" rpm="" sti)(diag)-274,="" system="" than="" to="" trouble="" with=""></ref.> |
| P050A | Cold Start Idle Air Control System Performance | <ref. (dtc).="" air="" code="" cold="" control="" diagnostic="" dtc="" en(w="" idle="" o="" p050a="" performance,="" procedure="" start="" sti)(diag)-275,="" system="" to="" trouble="" with=""></ref.> |
| P050B | Cold Start Ignition Timing Performance | <ref. (dtc).="" code="" cold="" diagnostic="" dtc="" en(w="" ignition="" o="" p050b="" performance,="" procedure="" start="" sti)(diag)-284,="" timing="" to="" trouble="" with=""></ref.> |
| P0512 | Starter Request Circuit | <ref. (dtc).="" circuit,="" code="" diagnostic="" dtc="" en(w="" o="" p0512="" procedure="" request="" starter="" sti)(diag)-285,="" to="" trouble="" with=""></ref.> |
| P0560 | System Voltage | <ref. (dtc).="" code="" diagnostic="" dtc="" en(w="" o="" p0560="" procedure="" sti)(diag)-288,="" system="" to="" trouble="" voltage,="" with=""></ref.> |
| P0604 | Internal Control Module Random Access Memory (RAM) Error | <ref. (dtc).="" (ram)="" access="" code="" control="" diagnostic="" dtc="" en(w="" error,="" internal="" memory="" module="" o="" p0604="" procedure="" random="" sti)(diag)-290,="" to="" trouble="" with=""></ref.> |
| P0605 | Internal Control Module Read Only Memory (ROM) Error | <ref. (dtc).="" (rom)="" code="" control="" diagnostic="" dtc="" en(w="" error,="" internal="" memory="" module="" o="" only="" p0605="" procedure="" read="" sti)(diag)-290,="" to="" trouble="" with=""></ref.> |
| P0606 | Control Module Processor | <ref. (dtc).="" code="" control="" diagnostic="" dtc="" en(w="" module="" o="" p0606="" procedure="" processor,="" sti)(diag)-291,="" to="" trouble="" with=""></ref.> |
| P060A | Internal Control Module Monitor- ing Processor Performance | <ref. (dtc).="" code="" control="" diagnostic="" dtc="" en(w="" internal="" module="" monitoring="" o="" p060a="" performance,="" procedure="" processor="" sti)(diag)-292,="" to="" trouble="" with=""></ref.> |
| P060B | Internal Control Module A/D Processing Performance | <ref. (dtc).="" a="" code="" control="" d="" diagnostic="" dtc="" en(w="" internal="" module="" o="" p060b="" performance,="" procedure="" processing="" sti)(diag)-292,="" to="" trouble="" with=""></ref.> |
| P0616 | Starter Relay Circuit Low | <ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" low,="" o="" p0616="" procedure="" relay="" starter="" sti)(diag)-293,="" to="" trouble="" with=""></ref.> |
| P0617 | Starter Relay Circuit High | <ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" high,="" o="" p0617="" procedure="" relay="" starter="" sti)(diag)-297,="" to="" trouble="" with=""></ref.> |
| P062D | Fuel Injector Driver Circuit Performance (Bank 1) | <ref. cir-<br="" driver="" dtc="" en(w="" fuel="" injector="" o="" p062d="" sti)(diag)-302,="" to="">CUIT PERFORMANCE (BANK 1), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.> |
| P062F | Internal Control Module EEPROM Error | <ref. (dtc).="" code="" control="" diagnostic="" dtc="" eeprom="" en(w="" error,="" internal="" module="" o="" p062f="" procedure="" sti)(diag)-304,="" to="" trouble="" with=""></ref.> |
| P0685 | ECM/PCM Power Relay Control Circuit/Open | <ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" ecm="" en(w="" o="" open,="" p0685="" pcm="" power="" procedure="" relay="" sti)(diag)-305,="" to="" trouble="" with=""></ref.> |
| P0700 | Transmission Control System (MIL Request) | <ref. (dtc).="" (mil="" code="" control="" diagnostic="" dtc="" en(w="" o="" p0700="" procedure="" request),="" sti)(diag)-306,="" system="" to="" transmission="" trouble="" with=""></ref.> |
| P081A | Starter Disable Circuit Low | <ref. (dtc).="" circuit="" code="" diagnostic="" disable="" dtc="" en(w="" low,="" o="" p081a="" procedure="" starter="" sti)(diag)-307,="" to="" trouble="" with=""></ref.> |

| DTC | Item | Note |
|-------|---|---|
| P0851 | Park/Neutral Switch Input Circuit Low (AT Model) | <ref. (at="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" input="" low="" model),="" neutral="" o="" p0851="" park="" procedure="" sti)(diag)-310,="" switch="" to="" trouble="" with=""></ref.> |
| P0851 | Neutral Switch Input Circuit Low (MT Model) | <ref. cir-<br="" dtc="" en(w="" input="" neutral="" o="" p0851="" sti)(diag)-312,="" switch="" to="">CUIT LOW (MT MODEL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P0852 | Park/Neutral Switch Input Circuit High (AT Model) | <ref. (at="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" high="" input="" model),="" neutral="" o="" p0852="" park="" procedure="" sti)(diag)-314,="" switch="" to="" trouble="" with=""></ref.> |
| P0852 | Neutral Switch Input Circuit High (MT Model) | <ref. cir-<br="" dtc="" en(w="" input="" neutral="" o="" p0852="" sti)(diag)-316,="" switch="" to="">CUIT HIGH (MT MODEL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P1134 | A/F Sensor Micro-Computer Prob- lem | <ref. a="" dtc="" en(w="" f="" micro-com-<br="" o="" p1134="" sensor="" sti)(diag)-318,="" to="">PUTER PROBLEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P113A | O2 Sensor Circuit (Open) (Bank1 Sensor2) | <ref. (bank1="" (dtc).="" (open)="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" o2="" p113a="" procedure="" sensor="" sensor2),="" sti)(diag)-319,="" to="" trouble="" with=""></ref.> |
| P1160 | Return Spring Failure | <ref. (dtc).="" code="" diagnostic="" dtc="" en(w="" failure,="" o="" p1160="" procedure="" return="" spring="" sti)(diag)-321,="" to="" trouble="" with=""></ref.> |
| P1261 | DI Injector Circuit / Open - (Cylinder 1) | <ref. (cylinder="" (dtc).="" -="" 1),="" circuit="" code="" di="" diagnostic="" dtc="" en(w="" injector="" o="" open="" p1261="" procedure="" sti)(diag)-322,="" to="" trouble="" with=""></ref.> |
| P1262 | DI Injector Circuit / Open - (Cylinder 2) | <ref. (cylinder="" (dtc).="" -="" 2),="" circuit="" code="" di="" diagnostic="" dtc="" en(w="" injector="" o="" open="" p1262="" procedure="" sti)(diag)-323,="" to="" trouble="" with=""></ref.> |
| P1263 | DI Injector Circuit / Open - (Cylinder 3) | <ref. (cylinder="" (dtc).="" -="" 3),="" circuit="" code="" di="" diagnostic="" dtc="" en(w="" injector="" o="" open="" p1263="" procedure="" sti)(diag)-323,="" to="" trouble="" with=""></ref.> |
| P1264 | DI Injector Circuit / Open - (Cylinder 4) | <ref. (cylinder="" (dtc).="" -="" 4),="" circuit="" code="" di="" diagnostic="" dtc="" en(w="" injector="" o="" open="" p1264="" procedure="" sti)(diag)-323,="" to="" trouble="" with=""></ref.> |
| P1449 | Evaporative Emission Cont. Sys. Air Filter Clog | <ref. (dtc).="" air="" clog,="" code="" cont.="" diagnostic="" dtc="" emission="" en(w="" evaporative="" filter="" o="" p1449="" procedure="" sti)(diag)-324,="" sys.="" to="" trouble="" with=""></ref.> |
| P1451 | Evaporative Emission Cont. Sys. | <ref. (dtc).="" code="" cont.="" diagnostic="" dtc="" emission="" en(w="" evaporative="" o="" p1451="" procedure="" sti)(diag)-325,="" sys.,="" to="" trouble="" with=""></ref.> |
| P1458 | CPC2 Solenoid Valve (Circuit Low) | <ref. (circuit="" (dtc).="" code="" cpc2="" diagnostic="" dtc="" en(w="" low),="" o="" p1458="" procedure="" solenoid="" sti)(diag)-326,="" to="" trouble="" valve="" with=""></ref.> |
| P1459 | CPC2 Solenoid Valve (Circuit High) | <ref. (circuit="" (dtc).="" code="" cpc2="" diagnostic="" dtc="" en(w="" high),="" o="" p1459="" procedure="" solenoid="" sti)(diag)-328,="" to="" trouble="" valve="" with=""></ref.> |
| P1492 | EGR Solenoid Valve Signal #1 Circuit Malfunction (Low Input) | <ref. #1="" (dtc).="" (low="" circuit="" code="" diagnostic="" dtc="" egr="" en(w="" input),="" malfunction="" o="" p1492="" procedure="" signal="" solenoid="" sti)(diag)-329,="" to="" trouble="" valve="" with=""></ref.> |
| P1493 | EGR Solenoid Valve Signal #1 Circuit Malfunction (High Input) | <ref. #1="" (dtc).="" (high="" circuit="" code="" diagnostic="" dtc="" egr="" en(w="" input),="" malfunction="" o="" p1493="" procedure="" signal="" solenoid="" sti)(diag)-329,="" to="" trouble="" valve="" with=""></ref.> |
| P1494 | EGR Solenoid Valve Signal #2 Circuit Malfunction (Low Input) | <ref. #2="" (dtc).="" (low="" circuit="" code="" diagnostic="" dtc="" egr="" en(w="" input),="" malfunction="" o="" p1494="" procedure="" signal="" solenoid="" sti)(diag)-329,="" to="" trouble="" valve="" with=""></ref.> |
| P1495 | EGR Solenoid Valve Signal #2 Circuit Malfunction (High Input) | <ref. #2="" (dtc).="" (high="" circuit="" code="" diagnostic="" dtc="" egr="" en(w="" input),="" malfunction="" o="" p1495="" procedure="" signal="" solenoid="" sti)(diag)-329,="" to="" trouble="" valve="" with=""></ref.> |
| P1496 | EGR Solenoid Valve Signal #3 Circuit Malfunction (Low Input) | <ref. #3="" (dtc).="" (low="" circuit="" code="" diagnostic="" dtc="" egr="" en(w="" input),="" malfunction="" o="" p1496="" procedure="" signal="" solenoid="" sti)(diag)-329,="" to="" trouble="" valve="" with=""></ref.> |
| P1497 | EGR Solenoid Valve Signal #3 Circuit Malfunction (High Input) | <ref. dtc="" egr="" en(w="" o="" p1497="" signal<br="" solenoid="" sti)(diag)-329,="" to="" valve="">#3 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |

| DTC | Item | Note |
|-------|---|--|
| P1498 | EGR Solenoid Valve Signal #4 Circuit Malfunction (Low Input) | <ref. #4="" (dtc).="" (low="" circuit="" code="" diagnostic="" dtc="" egr="" en(w="" input),="" malfunction="" o="" p1498="" procedure="" signal="" solenoid="" sti)(diag)-330,="" to="" trouble="" valve="" with=""></ref.> |
| P1499 | EGR Solenoid Valve Signal #4 Circuit Malfunction (High Input) | <ref. dtc="" egr="" en(w="" o="" p1499="" signal<br="" solenoid="" sti)(diag)-332,="" to="" valve="">#4 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P1603 | Engine Stall History | <ref. (dtc).="" code="" diagnostic="" dtc="" en(w="" engine="" history,="" o="" p1603="" procedure="" stall="" sti)(diag)-334,="" to="" trouble="" with=""></ref.> |
| P1604 | Startability Malfunction | <ref. dtc="" en(w="" malfunction,<br="" o="" p1604="" startability="" sti)(diag)-360,="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P1C00 | Battery Monitor Module "A" | <ref. "a",="" (dtc).="" battery="" code="" diagnostic="" dtc="" en(w="" module="" monitor="" o="" p1c00="" procedure="" sti)(diag)-394,="" to="" trouble="" with=""></ref.> |
| P2004 | Intake Manifold Runner Control Stuck Open (Bank 1) | <ref. (bank="" (dtc).="" 1),="" code="" control="" diagnostic="" dtc="" en(w="" intake="" manifold="" o="" open="" p2004="" procedure="" runner="" sti)(diag)-395,="" stuck="" to="" trouble="" with=""></ref.> |
| P2005 | Intake Manifold Runner Control Stuck Open (Bank 2) | <ref. (bank="" (dtc).="" 2),="" code="" control="" diagnostic="" dtc="" en(w="" intake="" manifold="" o="" open="" p2005="" procedure="" runner="" sti)(diag)-396,="" stuck="" to="" trouble="" with=""></ref.> |
| P2006 | Intake Manifold Runner Control Stuck Closed (Bank 1) | <ref. (bank="" (dtc).="" 1),="" closed="" code="" control="" diagnostic="" dtc="" en(w="" intake="" manifold="" o="" p2006="" procedure="" runner="" sti)(diag)-397,="" stuck="" to="" trouble="" with=""></ref.> |
| P2007 | Intake Manifold Runner Control Stuck Closed (Bank 2) | <ref. (bank="" (dtc).="" 2),="" closed="" code="" control="" diagnostic="" dtc="" en(w="" intake="" manifold="" o="" p2007="" procedure="" runner="" sti)(diag)-398,="" stuck="" to="" trouble="" with=""></ref.> |
| P2009 | Intake Manifold Runner Control Circuit Low (Bank 1) | <ref. (bank="" (dtc).="" 1),="" circuit="" code="" control="" diagnostic="" dtc="" en(w="" intake="" low="" manifold="" o="" p2009="" procedure="" runner="" sti)(diag)-399,="" to="" trouble="" with=""></ref.> |
| P2012 | Intake Manifold Runner Control Circuit Low (Bank 2) | <ref. (bank="" (dtc).="" 2),="" circuit="" code="" control="" diagnostic="" dtc="" en(w="" intake="" low="" manifold="" o="" p2012="" procedure="" runner="" sti)(diag)-400,="" to="" trouble="" with=""></ref.> |
| P2016 | Tumble Generated Valve Position Sensor 1 Circuit Low | <ref. (dtc).="" 1="" circuit="" code="" diagnostic="" dtc="" en(w="" generated="" low,="" o="" p2016="" position="" procedure="" sensor="" sti)(diag)-401,="" to="" trouble="" tumble="" valve="" with=""></ref.> |
| P2017 | Tumble Generated Valve Position Sensor 1 Circuit High | <ref. (dtc).="" 1="" circuit="" code="" diagnostic="" dtc="" en(w="" generated="" high,="" o="" p2017="" position="" procedure="" sensor="" sti)(diag)-403,="" to="" trouble="" tumble="" valve="" with=""></ref.> |
| P2021 | Tumble Generated Valve Position Sensor 2 Circuit Low | <ref. (dtc).="" 2="" circuit="" code="" diagnostic="" dtc="" en(w="" generated="" low,="" o="" p2021="" position="" procedure="" sensor="" sti)(diag)-405,="" to="" trouble="" tumble="" valve="" with=""></ref.> |
| P2022 | Tumble Generated Valve Position Sensor 2 Circuit High | <ref. (dtc).="" 2="" circuit="" code="" diagnostic="" dtc="" en(w="" generated="" high,="" o="" p2022="" position="" procedure="" sensor="" sti)(diag)-407,="" to="" trouble="" tumble="" valve="" with=""></ref.> |
| P2096 | Post Catalyst Fuel Trim System Too Lean (Bank 1) | <ref. (bank="" (dtc).="" 1),="" catalyst="" code="" diagnostic="" dtc="" en(w="" fuel="" lean="" o="" p2096="" post="" procedure="" sti)(diag)-409,="" system="" to="" too="" trim="" trouble="" with=""></ref.> |
| P2097 | Post Catalyst Fuel Trim System Too Rich (Bank 1) | <ref. (bank="" (dtc).="" 1),="" catalyst="" code="" diagnostic="" dtc="" en(w="" fuel="" o="" p2097="" post="" procedure="" rich="" sti)(diag)-416,="" system="" to="" too="" trim="" trouble="" with=""></ref.> |
| P2101 | Throttle Actuator Control Motor Circuit Range/Performance | <ref. (dtc).="" actuator="" circuit="" code="" control="" diagnostic="" dtc="" en(w="" motor="" o="" p2101="" performance,="" procedure="" range="" sti)(diag)-423,="" throttle="" to="" trouble="" with=""></ref.> |
| P2102 | Throttle Actuator Control Motor Circuit Low | <ref. (dtc).="" actuator="" circuit="" code="" control="" diagnostic="" dtc="" en(w="" low,="" motor="" o="" p2102="" procedure="" sti)(diag)-429,="" throttle="" to="" trouble="" with=""></ref.> |
| P2103 | Throttle Actuator Control Motor Circuit High | <ref. (dtc).="" actuator="" circuit="" code="" control="" diagnostic="" dtc="" en(w="" high,="" motor="" o="" p2103="" procedure="" sti)(diag)-431,="" throttle="" to="" trouble="" with=""></ref.> |

List of Diagnostic Trouble Code (DTC)

| DTC | Item | Note |
|-------|---|--|
| P2109 | Throttle/Pedal Position Sensor "A" Minimum Stop Performance | <ref. dtc="" en(w="" o="" p2109="" pedal="" position<br="" sti)(diag)-432,="" throttle="" to="">SENSOR "A" MINIMUM STOP PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P2119 | Throttle Actuator Control Throttle Body Range/Performance | <ref. (dtc).="" actuator="" body="" code="" control="" diagnostic="" dtc="" en(w="" o="" p2119="" performance,="" procedure="" range="" sti)(diag)-432,="" throttle="" to="" trouble="" with=""></ref.> |
| P2122 | Throttle/Pedal Position Sensor/ Switch "D" Circuit Low Input | <ref. "d"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" input,="" low="" o="" p2122="" pedal="" position="" procedure="" sensor="" sti)(diag)-433,="" switch="" throttle="" to="" trouble="" with=""></ref.> |
| P2123 | Throttle/Pedal Position Sensor/ Switch "D" Circuit High Input | <ref. "d"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" high="" input,="" o="" p2123="" pedal="" position="" procedure="" sensor="" sti)(diag)-435,="" switch="" throttle="" to="" trouble="" with=""></ref.> |
| P2127 | Throttle/Pedal Position Sensor/ Switch "E" Circuit Low Input | <ref. "e"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" input,="" low="" o="" p2127="" pedal="" position="" procedure="" sensor="" sti)(diag)-437,="" switch="" throttle="" to="" trouble="" with=""></ref.> |
| P2128 | Throttle/Pedal Position Sensor/ Switch "E" Circuit High Input | <ref. "e"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(w="" high="" input,="" o="" p2128="" pedal="" position="" procedure="" sensor="" sti)(diag)-439,="" switch="" throttle="" to="" trouble="" with=""></ref.> |
| P2135 | Throttle/Pedal Position Sensor/ Switch "A"/"B" Voltage Correlation | <ref. "a"="" "b"="" (dtc).="" code="" correlation,="" diagnostic="" dtc="" en(w="" o="" p2135="" pedal="" position="" procedure="" sensor="" sti)(diag)-441,="" switch="" throttle="" to="" trouble="" voltage="" with=""></ref.> |
| P2138 | Throttle/Pedal Position Sensor/ Switch "D"/"E" Voltage Correlation | <ref. "d"="" "e"="" (dtc).="" code="" correlation,="" diagnostic="" dtc="" en(w="" o="" p2138="" pedal="" position="" procedure="" sensor="" sti)(diag)-444,="" switch="" throttle="" to="" trouble="" voltage="" with=""></ref.> |
| P2146 | Fuel Injector Power Supply A Open Circuit | <ref. dtc="" en(w="" fuel="" injector="" o="" p2146="" power="" sti)(diag)-446,="" sup-<br="" to="">PLY A OPEN CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P2158 | Vehicle Speed Sensor "B" | <ref. "b",="" (dtc).="" code="" diagnostic="" dtc="" en(w="" o="" p2158="" procedure="" sensor="" speed="" sti)(diag)-448,="" to="" trouble="" vehicle="" with=""></ref.> |
| P2195 | O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1) | <ref. <br="" biased="" dtc="" en(w="" o="" o2="" p2195="" sensor="" signal="" sti)(diag)-449,="" to="">STUCK LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P2196 | O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1) | <ref. <br="" biased="" dtc="" en(w="" o="" o2="" p2196="" sensor="" signal="" sti)(diag)-451,="" to="">STUCK RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P219A | Bank 1 Air-Fuel Ratio Imbalance | <ref. (dtc).="" 1="" air-fuel="" bank="" code="" diagnostic="" dtc="" en(w="" imbal-ance,="" o="" p219a="" procedure="" ratio="" sti)(diag)-453,="" to="" trouble="" with=""></ref.> |
| P2227 | Barometric Pressure Circuit Range/Performance | <ref. (dtc).="" barometric="" circuit="" code="" diagnostic="" dtc="" en(w="" o="" p2227="" performance,="" pressure="" procedure="" range="" sti)(diag)-464,="" to="" trouble="" with=""></ref.> |
| P2228 | Barometric Pressure Circuit Low | <ref. barometric="" cir-<br="" dtc="" en(w="" o="" p2228="" pressure="" sti)(diag)-464,="" to="">CUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P2229 | Barometric Pressure Circuit High | <ref. barometric="" cir-<br="" dtc="" en(w="" o="" p2229="" pressure="" sti)(diag)-465,="" to="">CUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P2270 | O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 2) | <ref. <br="" biased="" dtc="" en(w="" o="" o2="" p2270="" sensor="" signal="" sti)(diag)-466,="" to="">STUCK LEAN (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P2271 | O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 2) | <ref. <br="" biased="" dtc="" en(w="" o="" o2="" p2271="" sensor="" signal="" sti)(diag)-468,="" to="">STUCK RICH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| P2401 | Evaporative Emission System Leak Detection Pump Control Cir- cuit Low | <ref. (dtc).="" circuit="" code="" control="" detection="" diagnostic="" dtc="" emission="" en(w="" evaporative="" leak="" low,="" o="" p2401="" procedure="" pump="" sti)(diag)-470,="" system="" to="" trouble="" with=""></ref.> |
| P2402 | Evaporative Emission System Leak Detection Pump Control Circuit High | <ref. (dtc).="" circuit="" code="" control="" detection="" diagnostic="" dtc="" emission="" en(w="" evaporative="" high,="" leak="" o="" p2402="" procedure="" pump="" sti)(diag)-473,="" system="" to="" trouble="" with=""></ref.> |

List of Diagnostic Trouble Code (DTC)

| DTC | Item | Note |
|-------|---|--|
| P2404 | Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance | <ref. (dtc).="" circuit="" code="" detection="" diagnostic="" dtc="" emission="" en(w="" evaporative="" leak="" o="" p2404="" performance,="" procedure="" pump="" range="" sense="" sti)(diag)-475,="" system="" to="" trouble="" with=""></ref.> |
| P2419 | Evaporative Emission System Switching Valve Control Circuit Low | <ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" emission="" en(w="" evaporative="" low,="" o="" p2419="" procedure="" sti)(diag)-478,="" switching="" system="" to="" trouble="" valve="" with=""></ref.> |
| P2420 | Evaporative Emission System Switching Valve Control Circuit High | <ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" emission="" en(w="" evaporative="" high,="" o="" p2420="" procedure="" sti)(diag)-481,="" switching="" system="" to="" trouble="" valve="" with=""></ref.> |
| P2530 | Ignition Switch Run Position Circuit | <ref. (dtc).="" circuit,="" code="" diagnostic="" dtc="" en(w="" ignition="" o="" p2530="" position="" procedure="" run="" sti)(diag)-483,="" switch="" to="" trouble="" with=""></ref.> |
| P2610 | ECM/PCM Internal Engine Off Timer Performance | <ref. (dtc).="" code="" diagnostic="" dtc="" ecm="" en(w="" engine="" internal="" o="" off="" p2610="" pcm="" performance,="" procedure="" sti)(diag)-485,="" timer="" to="" trouble="" with=""></ref.> |
| U0073 | Control Module Communication Bus Off | <ref. communi-<br="" control="" dtc="" en(w="" module="" o="" sti)(diag)-485,="" to="" u0073="">CATION BUS OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.> |
| U0077 | LIN Communication Bus "ECM/PCM" Off | <ref. "ecm="" (dtc).="" bus="" code="" communication="" diagnostic="" dtc="" en(w="" lin="" o="" off,="" pcm"="" procedure="" sti)(diag)-486,="" to="" trouble="" u0077="" with=""></ref.> |
| U0101 | Lost Communication With TCM | <ref. (dtc).="" code="" communication="" diagnostic="" dtc="" en(w="" lost="" o="" procedure="" sti)(diag)-488,="" tcm,="" to="" trouble="" u0101="" with=""></ref.> |
| U0122 | Lost Communication With Vehicle Dynamics Control Module | <ref. (dtc).="" code="" communication="" control="" diagnostic="" dtc="" dynamics="" en(w="" lost="" module,="" o="" procedure="" sti)(diag)-488,="" to="" trouble="" u0122="" vehicle="" with=""></ref.> |
| U0155 | Lost Communication With Instru- ment Panel Cluster (IPC) Control Module | <ref. (dtc).="" (ipc)="" cluster="" code="" communication="" control="" diagnostic="" dtc="" en(w="" instrument="" lost="" module,="" o="" panel="" procedure="" sti)(diag)-488,="" to="" trouble="" u0155="" with=""></ref.> |
| U0402 | Invalid Data Received From TCM | <ref. (dtc).="" code="" data="" diagnostic="" dtc="" en(w="" from="" invalid="" o="" procedure="" received="" sti)(diag)-488,="" tcm,="" to="" trouble="" u0402="" with=""></ref.> |
| U0416 | Invalid Data Received From Vehi- cle Dynamics Control Module | <ref. (dtc).="" code="" control="" data="" diagnostic="" dtc="" dynamics="" en(w="" from="" invalid="" module,="" o="" procedure="" received="" sti)(diag)-488,="" to="" trouble="" u0416="" vehicle="" with=""></ref.> |
| U0423 | Invalid Data Received From Instrument Panel Cluster Control Module | <ref. (dtc).="" cluster="" code="" control="" data="" diagnostic="" dtc="" en(w="" from="" instrument="" invalid="" module,="" o="" panel="" procedure="" received="" sti)(diag)-488,="" to="" trouble="" u0423="" with=""></ref.> |
| U1712 | Lost LIN Communication With Battery "1" Monitor Module | <ref. "1"="" (dtc).="" battery="" code="" communication="" diagnostic="" dtc="" en(w="" lin="" lost="" module,="" monitor="" o="" procedure="" sti)(diag)-488,="" to="" trouble="" u1712="" with=""></ref.> |