

18. List of Diagnostic Trouble Code (DTC)

A: LIST

| DTC | Item | Note |
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| P0011 | Intake Camshaft Position - Timing Over-Advanced or System Performance (Bank 1) | <Ref. to EN(H6DO)(diag)-108, DTC P0011 INTAKE CAMSHAFT POSITION - TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0014 | Exhaust AVCS System 1 (Range/Performance) | <Ref. to EN(H6DO)(diag)-109, DTC P0014 EXHAUST AVCS SYSTEM 1 (RANGE/PERFORMANCE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0016 | Crankshaft Position - Camshaft Position Correlation (Bank1) | <Ref. to EN(H6DO)(diag)-110, DTC P0016 CRANKSHAFT POSITION - CAMSHAFT POSITION CORRELATION (BANK1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0017 | Crank and Cam Timing B System Failure (Bank 1) | <Ref. to EN(H6DO)(diag)-111, DTC P0017 CRANK AND CAM TIMING B SYSTEM FAILURE (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0018 | Crankshaft Position - Camshaft Position Correlation (Bank2) | <Ref. to EN(H6DO)(diag)-112, DTC P0018 CRANKSHAFT POSITION - CAMSHAFT POSITION CORRELATION (BANK2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0019 | Crank and Cam Timing B System Failure (Bank 2) | <Ref. to EN(H6DO)(diag)-113, DTC P0019 CRANK AND CAM TIMING B SYSTEM FAILURE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0021 | Intake Camshaft Position - Timing Over-Advanced or System Performance (Bank 2) | <Ref. to EN(H6DO)(diag)-114, DTC P0021 INTAKE CAMSHAFT POSITION - TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0024 | Exhaust AVCS System 2 (Range/Performance) | <Ref. to EN(H6DO)(diag)-115, DTC P0024 EXHAUST AVCS SYSTEM 2 (RANGE/PERFORMANCE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0030 | HO2S Heater Control Circuit (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-116, DTC P0030 HO2S HEATER CONTROL CIRCUIT (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0031 | HO2S Heater Control Circuit Low (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-118, DTC P0031 HO2S HEATER CONTROL CIRCUIT LOW (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0032 | HO2S Heater Control Circuit High (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-120, DTC P0032 HO2S HEATER CONTROL CIRCUIT HIGH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0037 | HO2S Heater Control Circuit Low (Bank 1 Sensor 2) | <Ref. to EN(H6DO)(diag)-122, DTC P0037 HO2S HEATER CONTROL CIRCUIT LOW (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0038 | HO2S Heater Control Circuit High (Bank 1 Sensor 2) | <Ref. to EN(H6DO)(diag)-124, DTC P0038 HO2S HEATER CONTROL CIRCUIT HIGH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0050 | HO2S Heater Control Circuit (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-126, DTC P0050 HO2S HEATER CONTROL CIRCUIT (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0051 | HO2S Heater Control Circuit Low (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-128, DTC P0051 HO2S HEATER CONTROL CIRCUIT LOW (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0052 | HO2S Heater Control Circuit High (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-130, DTC P0052 HO2S HEATER CONTROL CIRCUIT HIGH (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0057 | HO2S Heater Control Circuit Low (Bank 2 Sensor 2) | <Ref. to EN(H6DO)(diag)-132, DTC P0057 HO2S HEATER CONTROL CIRCUIT LOW (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
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| P0058 | HO2S Heater Control Circuit High (Bank 2 Sensor 2) | <Ref. to EN(H6DO)(diag)-134, DTC P0058 HO2S HEATER CONTROL CIRCUIT HIGH (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0068 | MAP/MAF - Throttle Position Correlation | <Ref. to EN(H6DO)(diag)-136, DTC P0068 MAP/MAF - THROTTLE POSITION CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0101 | Mass or Volume Air Flow Circuit Range/Performance | <Ref. to EN(H6DO)(diag)-137, DTC P0101 MASS OR VOLUME AIR FLOW CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0102 | Mass or Volume Air Flow Circuit Low Input | <Ref. to EN(H6DO)(diag)-138, DTC P0102 MASS OR VOLUME AIR FLOW CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0103 | Mass or Volume Air Flow Circuit High Input | <Ref. to EN(H6DO)(diag)-140, DTC P0103 MASS OR VOLUME AIR FLOW CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0107 | Manifold Absolute Pressure/Barometric Pressure Circuit Low Input | <Ref. to EN(H6DO)(diag)-142, DTC P0107 MANIFOLD ABSOLUTE PRESSURE/BAROMETRIC PRESSURE CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0108 | Manifold Absolute Pressure/Barometric Pressure Circuit High Input | <Ref. to EN(H6DO)(diag)-144, DTC P0108 MANIFOLD ABSOLUTE PRESSURE/BAROMETRIC PRESSURE CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0111 | Intake Air Temperature Sensor Range/Performance Problem | <Ref. to EN(H6DO)(diag)-146, DTC P0111 INTAKE AIR TEMPERATURE SENSOR RANGE/PERFORMANCE PROBLEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0112 | Intake Air Temperature Sensor 1 Circuit Low | <Ref. to EN(H6DO)(diag)-147, DTC P0112 INTAKE AIR TEMPERATURE SENSOR 1 CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0113 | Intake Air Temperature Sensor 1 Circuit High | <Ref. to EN(H6DO)(diag)-149, DTC P0113 INTAKE AIR TEMPERATURE SENSOR 1 CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0116 | Engine Coolant Temperature Sensor 1 Circuit Range/Performance | <Ref. to EN(H6DO)(diag)-151, DTC P0116 ENGINE COOLANT TEMPERATURE SENSOR 1 CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0117 | Engine Coolant Temperature Circuit Low | <Ref. to EN(H6DO)(diag)-152, DTC P0117 ENGINE COOLANT TEMPERATURE CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0118 | Engine Coolant Temperature Circuit High | <Ref. to EN(H6DO)(diag)-154, DTC P0118 ENGINE COOLANT TEMPERATURE CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0122 | Throttle/Pedal Position Sensor/Switch "A" Circuit Low | <Ref. to EN(H6DO)(diag)-156, DTC P0122 THROTTLE/PEDAL POSITION SENSOR/SWITCH "A" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0123 | Throttle/Pedal Position Sensor/Switch "A" Circuit High | <Ref. to EN(H6DO)(diag)-159, DTC P0123 THROTTLE/PEDAL POSITION SENSOR/SWITCH "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0125 | Insufficient Coolant Temperature for Closed Loop Fuel Control | <Ref. to EN(H6DO)(diag)-162, DTC P0125 INSUFFICIENT COOLANT TEMPERATURE FOR CLOSED LOOP FUEL CONTROL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0128 | Coolant Thermostat (Engine Coolant Temperature Below Thermostat Regulating Temperature) | <Ref. to EN(H6DO)(diag)-163, DTC P0128 COOLANT THERMOSTAT (ENGINE COOLANT TEMPERATURE BELOW THERMOSTAT REGULATING TEMPERATURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0131 | O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-164, DTC P0131 O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

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|-------|---|---|
| P0132 | O2 Sensor Circuit High Voltage (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-166, DTC P0132 O2 SENSOR CIRCUIT HIGH VOLTAGE (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0134 | O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-168, DTC P0134 O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0137 | O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2) | <Ref. to EN(H6DO)(diag)-170, DTC P0137 O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0138 | O2 Sensor Circuit High Voltage (Bank 1 Sensor 2) | <Ref. to EN(H6DO)(diag)-172, DTC P0138 O2 SENSOR CIRCUIT HIGH VOLTAGE (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P013A | O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2) | <Ref. to EN(H6DO)(diag)-174, DTC P013A O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P013B | O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 2) | <Ref. to EN(H6DO)(diag)-175, DTC P013B O2 SENSOR SLOW RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P013C | O2 Sensor Slow Response - Rich to Lean (Bank 2 Sensor 2) | <Ref. to EN(H6DO)(diag)-176, DTC P013C O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P013D | O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 2) | <Ref. to EN(H6DO)(diag)-177, DTC P013D O2 SENSOR SLOW RESPONSE - LEAN TO RICH (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P013E | O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2) | <Ref. to EN(H6DO)(diag)-177, DTC P013E O2 SENSOR DELAYED RESPONSE - RICH TO LEAN (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P013F | O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 2) | <Ref. to EN(H6DO)(diag)-177, DTC P013F O2 SENSOR DELAYED RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0140 | O2 Sensor Circuit No Activity Detected (Bank1 Sensor2) | <Ref. to EN(H6DO)(diag)-178, DTC P0140 O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (BANK1 SENSOR2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0141 | O2 Sensor Heater Circuit (Bank1 Sensor2) | <Ref. to EN(H6DO)(diag)-180, DTC P0141 O2 SENSOR HEATER CIRCUIT (BANK1 SENSOR2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P014A | O2 Sensor Delayed Response - Rich to Lean (Bank 2 Sensor 2) | <Ref. to EN(H6DO)(diag)-180, DTC P014A O2 SENSOR DELAYED RESPONSE - RICH TO LEAN (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P014B | O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 2) | <Ref. to EN(H6DO)(diag)-180, DTC P014B O2 SENSOR DELAYED RESPONSE - LEAN TO RICH (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P014C | O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-181, DTC P014C O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P014D | O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-181, DTC P014D O2 SENSOR SLOW RESPONSE - LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P014E | O2 Sensor Slow Response - Rich to Lean (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-182, DTC P014E O2 SENSOR SLOW RESPONSE - RICH TO LEAN (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P014F | O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-182, DTC P014F O2 SENSOR SLOW RESPONSE - LEAN TO RICH (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0151 | O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-183, DTC P0151 O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
|-------|---|---|
| P0152 | O2 Sensor Circuit High Voltage (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-185, DTC P0152 O2 SENSOR CIRCUIT HIGH VOLTAGE (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0154 | O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-187, DTC P0154 O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0157 | O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2) | <Ref. to EN(H6DO)(diag)-189, DTC P0157 O2 SENSOR CIRCUIT LOW VOLTAGE (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0158 | O2 Sensor Circuit High Voltage (Bank 2 Sensor 2) | <Ref. to EN(H6DO)(diag)-191, DTC P0158 O2 SENSOR CIRCUIT HIGH VOLTAGE (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P015A | O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-193, DTC P015A O2 SENSOR DELAYED RESPONSE - RICH TO LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P015B | O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-193, DTC P015B O2 SENSOR DELAYED RESPONSE - LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P015C | O2 Sensor Delayed Response - Rich to Lean (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-193, DTC P015C O2 SENSOR DELAYED RESPONSE - RICH TO LEAN (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P015D | O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-193, DTC P015D O2 SENSOR DELAYED RESPONSE - LEAN TO RICH (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0160 | O2 Sensor Circuit No Activity Detected (Bank2 Sensor2) | <Ref. to EN(H6DO)(diag)-194, DTC P0160 O2 SENSOR CIRCUIT NO ACTIVITY DETECTED (BANK2 SENSOR2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0161 | O2 Sensor Heater Circuit (Bank2 Sensor2) | <Ref. to EN(H6DO)(diag)-196, DTC P0161 O2 SENSOR HEATER CIRCUIT (BANK2 SENSOR2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0171 | System Too Lean (Bank 1) | <Ref. to EN(H6DO)(diag)-196, DTC P0171 SYSTEM TOO LEAN (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0172 | System Too Rich (Bank 1) | <Ref. to EN(H6DO)(diag)-196, DTC P0172 SYSTEM TOO RICH (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0174 | System Too Lean (Bank 2) | <Ref. to EN(H6DO)(diag)-196, DTC P0174 SYSTEM TOO LEAN (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0175 | System Too Rich (Bank 2) | <Ref. to EN(H6DO)(diag)-197, DTC P0175 SYSTEM TOO RICH (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0196 | Engine Oil Temperature Sensor Circuit Range/Performance | <Ref. to EN(H6DO)(diag)-199, DTC P0196 ENGINE OIL TEMPERATURE SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0197 | Engine Oil Temperature Sensor Low | <Ref. to EN(H6DO)(diag)-200, DTC P0197 ENGINE OIL TEMPERATURE SENSOR LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0198 | Engine Oil Temperature Sensor High | <Ref. to EN(H6DO)(diag)-202, DTC P0198 ENGINE OIL TEMPERATURE SENSOR HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0201 | Injector #1 | <Ref. to EN(H6DO)(diag)-204, DTC P0201 INJECTOR #1, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0202 | Injector #2 | <Ref. to EN(H6DO)(diag)-206, DTC P0202 INJECTOR #2, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0203 | Injector #3 | <Ref. to EN(H6DO)(diag)-206, DTC P0203 INJECTOR #3, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0204 | Injector #4 | <Ref. to EN(H6DO)(diag)-206, DTC P0204 INJECTOR #4, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0205 | Injector #5 | <Ref. to EN(H6DO)(diag)-206, DTC P0205 INJECTOR #5, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
|-------|--|--|
| P0206 | Injector #6 | <Ref. to EN(H6DO)(diag)-206, DTC P0206 INJECTOR #6, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0222 | Throttle/Pedal Position Sensor/Switch "B" Circuit Low | <Ref. to EN(H6DO)(diag)-207, DTC P0222 THROTTLE/PEDAL POSITION SENSOR/SWITCH "B" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0223 | Throttle/Pedal Position Sensor/Switch "B" Circuit High | <Ref. to EN(H6DO)(diag)-210, DTC P0223 THROTTLE/PEDAL POSITION SENSOR/SWITCH "B" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0230 | Fuel Pump Primary Circuit | <Ref. to EN(H6DO)(diag)-213, DTC P0230 FUEL PUMP PRIMARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0300 | Random/Multiple Cylinder Misfire Detected | <Ref. to EN(H6DO)(diag)-216, DTC P0300 RANDOM/MULTIPLE CYLINDER MISFIRE DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0301 | Cylinder 1 Misfire Detected | <Ref. to EN(H6DO)(diag)-221, DTC P0301 CYLINDER 1 MISFIRE DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0302 | Cylinder 2 Misfire Detected | <Ref. to EN(H6DO)(diag)-221, DTC P0302 CYLINDER 2 MISFIRE DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0303 | Cylinder 3 Misfire Detected | <Ref. to EN(H6DO)(diag)-221, DTC P0303 CYLINDER 3 MISFIRE DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0304 | Cylinder 4 Misfire Detected | <Ref. to EN(H6DO)(diag)-221, DTC P0304 CYLINDER 4 MISFIRE DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0305 | Cylinder 5 Misfire Detected | <Ref. to EN(H6DO)(diag)-221, DTC P0305 CYLINDER 5 MISFIRE DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0306 | Cylinder 6 Misfire Detected | <Ref. to EN(H6DO)(diag)-222, DTC P0306 CYLINDER 6 MISFIRE DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0327 | Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor) | <Ref. to EN(H6DO)(diag)-227, DTC P0327 KNOCK SENSOR 1 CIRCUIT LOW (BANK 1 OR SINGLE SENSOR), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0328 | Knock Sensor 1 Circuit High (Bank 1 or Single Sensor) | <Ref. to EN(H6DO)(diag)-229, DTC P0328 KNOCK SENSOR 1 CIRCUIT HIGH (BANK 1 OR SINGLE SENSOR), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0332 | Knock Sensor 2 Circuit Low (Bank 2) | <Ref. to EN(H6DO)(diag)-231, DTC P0332 KNOCK SENSOR 2 CIRCUIT LOW (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0333 | Knock Sensor 2 Circuit High (Bank 2) | <Ref. to EN(H6DO)(diag)-233, DTC P0333 KNOCK SENSOR 2 CIRCUIT HIGH (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0335 | Crankshaft Position Sensor "A" Circuit | <Ref. to EN(H6DO)(diag)-235, DTC P0335 CRANKSHAFT POSITION SENSOR "A" CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0336 | Crankshaft Position Sensor "A" Circuit Range/Performance | <Ref. to EN(H6DO)(diag)-237, DTC P0336 CRANKSHAFT POSITION SENSOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0340 | Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor) | <Ref. to EN(H6DO)(diag)-238, DTC P0340 CAMSHAFT POSITION SENSOR "A" CIRCUIT (BANK 1 OR SINGLE SENSOR), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0341 | Camshaft Position Sensor "A" Circuit Range/Performance (Bank 1 or Single Sensor) | <Ref. to EN(H6DO)(diag)-240, DTC P0341 CAMSHAFT POSITION SENSOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SENSOR), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0345 | Camshaft Position Sensor "A" Circuit (Bank 2) | <Ref. to EN(H6DO)(diag)-241, DTC P0345 CAMSHAFT POSITION SENSOR "A" CIRCUIT (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0346 | Camshaft Position Sensor "A" Circuit Range/Performance (Bank 2) | <Ref. to EN(H6DO)(diag)-243, DTC P0346 CAMSHAFT POSITION SENSOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
|-------|--|--|
| P0351 | Ignition Coil A Primary/Secondary Circuit | <Ref. to EN(H6DO)(diag)-244, DTC P0351 IGNITION COIL A PRIMARY/SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0352 | Ignition Coil B Primary/Secondary Circuit | <Ref. to EN(H6DO)(diag)-246, DTC P0352 IGNITION COIL B PRIMARY/SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0353 | Ignition Coil C Primary/Secondary Circuit | <Ref. to EN(H6DO)(diag)-246, DTC P0353 IGNITION COIL C PRIMARY/SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0354 | Ignition Coil D Primary/Secondary Circuit | <Ref. to EN(H6DO)(diag)-246, DTC P0354 IGNITION COIL D PRIMARY/SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0355 | Ignition Coil E Primary/Secondary Circuit | <Ref. to EN(H6DO)(diag)-246, DTC P0355 IGNITION COIL E PRIMARY/SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0356 | Ignition Coil F Primary/Secondary Circuit | <Ref. to EN(H6DO)(diag)-246, DTC P0356 IGNITION COIL F PRIMARY/SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0365 | Camshaft Position Sensor "B" Circuit (Bank 1) | <Ref. to EN(H6DO)(diag)-247, DTC P0365 CAMSHAFT POSITION SENSOR "B" CIRCUIT (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0366 | Camshaft Position Sensor B Circuit Range/Performance (Bank 1) | <Ref. to EN(H6DO)(diag)-249, DTC P0366 CAMSHAFT POSITION SENSOR B CIRCUIT RANGE/PERFORMANCE (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0390 | Camshaft Position Sensor "B" Circuit (Bank 2) | <Ref. to EN(H6DO)(diag)-250, DTC P0390 CAMSHAFT POSITION SENSOR "B" CIRCUIT (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0391 | Camshaft Position Sensor B Circuit Range/Performance (Bank 2) | <Ref. to EN(H6DO)(diag)-252, DTC P0391 CAMSHAFT POSITION SENSOR B CIRCUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0400 | Exhaust Gas Recirculation Flow | <Ref. to EN(H6DO)(diag)-253, DTC P0400 EXHAUST GAS RECIRCULATION FLOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0420 | Catalyst System Efficiency Below Threshold (Bank 1) | <Ref. to EN(H6DO)(diag)-254, DTC P0420 CATALYST SYSTEM EFFICIENCY BELOW THRESHOLD (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0441 | Evaporative Emission Cont. Sys. Incorrect Purge Flow | <Ref. to EN(H6DO)(diag)-259, DTC P0441 EVAPORATIVE EMISSION CONT. SYS. INCORRECT PURGE FLOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0451 | Evaporative Emission System Pressure Sensor/Switch Range/Performance | <Ref. to EN(H6DO)(diag)-260, DTC P0451 EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR/SWITCH RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0452 | Evaporative Emission System Pressure Sensor/Switch Low | <Ref. to EN(H6DO)(diag)-261, DTC P0452 EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR/SWITCH LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0453 | Evaporative Emission System Pressure Sensor/Switch High | <Ref. to EN(H6DO)(diag)-263, DTC P0453 EVAPORATIVE EMISSION SYSTEM PRESSURE SENSOR/SWITCH HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0455 | Evaporative Emission System Leak Detected (Large Leak) | <Ref. to EN(H6DO)(diag)-265, DTC P0455 EVAPORATIVE EMISSION SYSTEM LEAK DETECTED (LARGE LEAK), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0456 | Evaporative Emission Control System Leak Detected (Very Small Leak) | <Ref. to EN(H6DO)(diag)-267, DTC P0456 EVAPORATIVE EMISSION CONTROL SYSTEM LEAK DETECTED (VERY SMALL LEAK), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0458 | Evaporative Emission System Purge Control Valve Circuit Low | <Ref. to EN(H6DO)(diag)-268, DTC P0458 EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
|-------|--|--|
| P0459 | Evaporative Emission System Purge Control Valve Circuit High | <Ref. to EN(H6DO)(diag)-270, DTC P0459 EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0461 | Fuel Level Sensor "A" Circuit Range/Performance | <Ref. to EN(H6DO)(diag)-272, DTC P0461 FUEL LEVEL SENSOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0462 | Fuel Level Sensor "A" Circuit Low | <Ref. to EN(H6DO)(diag)-272, DTC P0462 FUEL LEVEL SENSOR "A" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0463 | Fuel Level Sensor "A" Circuit High | <Ref. to EN(H6DO)(diag)-273, DTC P0463 FUEL LEVEL SENSOR "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0500 | Vehicle Speed Sensor "A" | <Ref. to EN(H6DO)(diag)-274, DTC P0500 VEHICLE SPEED SENSOR "A", Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0506 | Idle Air Control System RPM Lower Than Expected | <Ref. to EN(H6DO)(diag)-275, DTC P0506 IDLE AIR CONTROL SYSTEM RPM LOWER THAN EXPECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0507 | Idle Air Control System RPM Higher Than Expected | <Ref. to EN(H6DO)(diag)-276, DTC P0507 IDLE AIR CONTROL SYSTEM RPM HIGHER THAN EXPECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P050A | Cold Start Idle Air Control System Performance | <Ref. to EN(H6DO)(diag)-277, DTC P050A COLD START IDLE AIR CONTROL SYSTEM PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P050B | Cold Start Ignition Timing Performance | <Ref. to EN(H6DO)(diag)-285, DTC P050B COLD START IGNITION TIMING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0512 | Starter Request Circuit | <Ref. to EN(H6DO)(diag)-286, DTC P0512 STARTER REQUEST CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0513 | Incorrect Immobilizer Key | <Ref. to IM(diag)-29, DTC P0513 INCORRECT IMMOBILIZER KEY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0560 | System Voltage | <Ref. to EN(H6DO)(diag)-289, DTC P0560 SYSTEM VOLTAGE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0604 | Internal Control Module Random Access Memory (RAM) Error | <Ref. to EN(H6DO)(diag)-292, DTC P0604 INTERNAL CONTROL MODULE RANDOM ACCESS MEMORY (RAM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0605 | Internal Control Module Read Only Memory (ROM) Error | <Ref. to EN(H6DO)(diag)-293, DTC P0605 INTERNAL CONTROL MODULE READ ONLY MEMORY (ROM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0606 | Control Module Processor | <Ref. to EN(H6DO)(diag)-294, DTC P0606 CONTROL MODULE PROCESSOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P060A | Internal Control Module Monitoring Processor Performance | <Ref. to EN(H6DO)(diag)-295, DTC P060A INTERNAL CONTROL MODULE MONITORING PROCESSOR PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P060B | Internal Control Module A/D Processing Performance | <Ref. to EN(H6DO)(diag)-295, DTC P060B INTERNAL CONTROL MODULE A/D PROCESSING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0616 | Starter Relay Circuit Low | <Ref. to EN(H6DO)(diag)-296, DTC P0616 STARTER RELAY CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0617 | Starter Relay Circuit High | <Ref. to EN(H6DO)(diag)-301, DTC P0617 STARTER RELAY CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P062F | Internal Control Module EEPROM Error | <Ref. to EN(H6DO)(diag)-306, DTC P062F INTERNAL CONTROL MODULE EEPROM ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P0700 | Transmission Control System (MIL Request) | <Ref. to EN(H6DO)(diag)-306, DTC P0700 TRANSMISSION CONTROL SYSTEM (MIL REQUEST), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P081A | Starter Disable Circuit Low | <Ref. to EN(H6DO)(diag)-307, DTC P081A STARTER DISABLE CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
|-------|--|--|
| P1160 | Return Spring Failure | <Ref. to EN(H6DO)(diag)-309, DTC P1160 RETURN SPRING FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1449 | Evaporative Emission Cont. Sys. Air Filter Clog | <Ref. to EN(H6DO)(diag)-310, DTC P1449 EVAPORATIVE EMISSION CONT. SYS. AIR FILTER CLOG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1451 | Evaporative Emission Cont. Sys. | <Ref. to EN(H6DO)(diag)-311, DTC P1451 EVAPORATIVE EMISSION CONT. SYS., Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1492 | EGR Solenoid Valve Signal #1 Circuit Malfunction (Low Input) | <Ref. to EN(H6DO)(diag)-312, DTC P1492 EGR SOLENOID VALVE SIGNAL #1 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1493 | EGR Solenoid Valve Signal #1 Circuit Malfunction (High Input) | <Ref. to EN(H6DO)(diag)-312, DTC P1493 EGR SOLENOID VALVE SIGNAL #1 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1494 | EGR Solenoid Valve Signal #2 Circuit Malfunction (Low Input) | <Ref. to EN(H6DO)(diag)-312, DTC P1494 EGR SOLENOID VALVE SIGNAL #2 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1495 | EGR Solenoid Valve Signal #2 Circuit Malfunction (High Input) | <Ref. to EN(H6DO)(diag)-313, DTC P1495 EGR SOLENOID VALVE SIGNAL #2 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1496 | EGR Solenoid Valve Signal #3 Circuit Malfunction (Low Input) | <Ref. to EN(H6DO)(diag)-313, DTC P1496 EGR SOLENOID VALVE SIGNAL #3 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1497 | EGR Solenoid Valve Signal #3 Circuit Malfunction (High Input) | <Ref. to EN(H6DO)(diag)-313, DTC P1497 EGR SOLENOID VALVE SIGNAL #3 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1498 | EGR Solenoid Valve Signal #4 Circuit Malfunction (Low Input) | <Ref. to EN(H6DO)(diag)-314, DTC P1498 EGR SOLENOID VALVE SIGNAL #4 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1499 | EGR Solenoid Valve Signal #4 Circuit Malfunction (High Input) | <Ref. to EN(H6DO)(diag)-317, DTC P1499 EGR SOLENOID VALVE SIGNAL #4 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1570 | Antenna | <Ref. to IM(diag)-29, DTC P1570 ANTENNA, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1571 | Reference Code Incompatibility | <Ref. to IM(diag)-29, DTC P1571 REFERENCE CODE INCOMPATIBILITY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> <Ref. to KPS(diag)-88, DTC P1571 REFERENCE CODE INCOMPATIBILITY, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1572 | IMM Circuit Failure (Except Antenna Circuit) | <Ref. to IM(diag)-29, DTC P1572 IMM CIRCUIT FAILURE (EXCEPT ANTENNA CIRCUIT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> <Ref. to KPS(diag)-88, DTC P1572 IMM CIRCUIT FAILURE (EXCEPT ANTENNA CIRCUIT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1574 | Key Communication Failure | <Ref. to IM(diag)-29, DTC P1574 KEY COMMUNICATION FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1576 | EGI Control Module EEPROM | <Ref. to IM(diag)-29, DTC P1576 EGI CONTROL MODULE EEPROM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> <Ref. to KPS(diag)-88, DTC P1576 EGI CONTROL MODULE EEPROM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1577 | IMM Control Module EEPROM | <Ref. to IM(diag)-29, DTC P1577 IMM CONTROL MODULE EEPROM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> <Ref. to KPS(diag)-88, DTC P1577 IMM CONTROL MODULE EEPROM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P1578 | Meter Failure | <Ref. to IM(diag)-29, DTC P1578 METER FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2088 | Intake Camshaft Position Actuator Control Circuit Low (Bank 1) | <Ref. to EN(H6DO)(diag)-320, DTC P2088 INTAKE CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
|-------|--|--|
| P2089 | Intake Camshaft Position Actuator Control Circuit High (Bank 1) | <Ref. to EN(H6DO)(diag)-322, DTC P2089 INTAKE CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2090 | Exhaust Camshaft Position Actuator Control Circuit Low (Bank 1) | <Ref. to EN(H6DO)(diag)-324, DTC P2090 EXHAUST CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2091 | Exhaust Camshaft Position Actuator Control Circuit High (Bank 1) | <Ref. to EN(H6DO)(diag)-326, DTC P2091 EXHAUST CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2092 | Intake Camshaft Position Actuator Control Circuit Low (Bank 2) | <Ref. to EN(H6DO)(diag)-328, DTC P2092 INTAKE CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2093 | Intake Camshaft Position Actuator Control Circuit High (Bank 2) | <Ref. to EN(H6DO)(diag)-330, DTC P2093 INTAKE CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2094 | Exhaust Camshaft Position Actuator Control Circuit Low (Bank 2) | <Ref. to EN(H6DO)(diag)-332, DTC P2094 EXHAUST CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT LOW (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2095 | Exhaust Camshaft Position Actuator Control Circuit High (Bank 2) | <Ref. to EN(H6DO)(diag)-334, DTC P2095 EXHAUST CAMSHAFT POSITION ACTUATOR CONTROL CIRCUIT HIGH (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2096 | Post Catalyst Fuel Trim System Too Lean (Bank 1) | <Ref. to EN(H6DO)(diag)-336, DTC P2096 POST CATALYST FUEL TRIM SYSTEM TOO LEAN (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2097 | Post Catalyst Fuel Trim System Too Rich (Bank 1) | <Ref. to EN(H6DO)(diag)-342, DTC P2097 POST CATALYST FUEL TRIM SYSTEM TOO RICH (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2098 | Post Catalyst Fuel Trim System Too Lean Bank 2 | <Ref. to EN(H6DO)(diag)-348, DTC P2098 POST CATALYST FUEL TRIM SYSTEM TOO LEAN BANK 2, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2099 | Post Catalyst Fuel Trim System Too Rich Bank 2 | <Ref. to EN(H6DO)(diag)-354, DTC P2099 POST CATALYST FUEL TRIM SYSTEM TOO RICH BANK 2, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2101 | Throttle Actuator Control Motor Circuit Range/Performance | <Ref. to EN(H6DO)(diag)-360, DTC P2101 THROTTLE ACTUATOR CONTROL MOTOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2102 | Throttle Actuator Control Motor Circuit Low | <Ref. to EN(H6DO)(diag)-366, DTC P2102 THROTTLE ACTUATOR CONTROL MOTOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2103 | Throttle Actuator Control Motor Circuit High | <Ref. to EN(H6DO)(diag)-368, DTC P2103 THROTTLE ACTUATOR CONTROL MOTOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2109 | Throttle/Pedal Position Sensor "A" Minimum Stop Performance | <Ref. to EN(H6DO)(diag)-369, DTC P2109 THROTTLE/PEDAL POSITION SENSOR "A" MINIMUM STOP PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2119 | Throttle Actuator Control Throttle Body Range/Performance | <Ref. to EN(H6DO)(diag)-369, DTC P2119 THROTTLE ACTUATOR CONTROL THROTTLE BODY RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2122 | Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input | <Ref. to EN(H6DO)(diag)-370, DTC P2122 THROTTLE/PEDAL POSITION SENSOR/SWITCH "D" CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2123 | Throttle/Pedal Position Sensor/Switch "D" Circuit High Input | <Ref. to EN(H6DO)(diag)-372, DTC P2123 THROTTLE/PEDAL POSITION SENSOR/SWITCH "D" CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2127 | Throttle/Pedal Position Sensor/Switch "E" Circuit Low Input | <Ref. to EN(H6DO)(diag)-374, DTC P2127 THROTTLE/PEDAL POSITION SENSOR/SWITCH "E" CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
|-------|---|---|
| P2128 | Throttle/Pedal Position Sensor/Switch "E" Circuit High Input | <Ref. to EN(H6DO)(diag)-376, DTC P2128 THROTTLE/PEDAL POSITION SENSOR/SWITCH "E" CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2135 | Throttle/Pedal Position Sensor/Switch "A"/"B" Voltage Correlation | <Ref. to EN(H6DO)(diag)-378, DTC P2135 THROTTLE/PEDAL POSITION SENSOR/SWITCH "A"/"B" VOLTAGE CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2138 | Throttle/Pedal Position Sensor/Switch "D"/"E" Voltage Correlation | <Ref. to EN(H6DO)(diag)-381, DTC P2138 THROTTLE/PEDAL POSITION SENSOR/SWITCH "D"/"E" VOLTAGE CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2195 | O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-383, DTC P2195 O2 SENSOR SIGNAL BIASED/STUCK LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2196 | O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1) | <Ref. to EN(H6DO)(diag)-385, DTC P2196 O2 SENSOR SIGNAL BIASED/STUCK RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2197 | O2 Sensor Signal Biased/Stuck Lean (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-387, DTC P2197 O2 SENSOR SIGNAL BIASED/STUCK LEAN (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2198 | O2 Sensor Signal Biased/Stuck Rich (Bank 2 Sensor 1) | <Ref. to EN(H6DO)(diag)-389, DTC P2198 O2 SENSOR SIGNAL BIASED/STUCK RICH (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P219A | Bank 1 Air-Fuel Ratio Imbalance | <Ref. to EN(H6DO)(diag)-391, DTC P219A BANK 1 AIR-FUEL RATIO IMBALANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P219B | Bank 2 Air-Fuel Ratio Imbalance | <Ref. to EN(H6DO)(diag)-401, DTC P219B BANK 2 AIR-FUEL RATIO IMBALANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2227 | Barometric Pressure Circuit Range/Performance | <Ref. to EN(H6DO)(diag)-411, DTC P2227 BAROMETRIC PRESSURE CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2228 | Barometric Pressure Circuit Low | <Ref. to EN(H6DO)(diag)-412, DTC P2228 BAROMETRIC PRESSURE CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2229 | Barometric Pressure Circuit High | <Ref. to EN(H6DO)(diag)-413, DTC P2229 BAROMETRIC PRESSURE CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2401 | Evaporative Emission System Leak Detection Pump Control Circuit Low | <Ref. to EN(H6DO)(diag)-414, DTC P2401 EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2402 | Evaporative Emission System Leak Detection Pump Control Circuit High | <Ref. to EN(H6DO)(diag)-416, DTC P2402 EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2404 | Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance | <Ref. to EN(H6DO)(diag)-418, DTC P2404 EVAPORATIVE EMISSION SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2419 | Evaporative Emission System Switching Valve Control Circuit Low | <Ref. to EN(H6DO)(diag)-421, DTC P2419 EVAPORATIVE EMISSION SYSTEM SWITCHING VALVE CONTROL CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2420 | Evaporative Emission System Switching Valve Control Circuit High | <Ref. to EN(H6DO)(diag)-423, DTC P2420 EVAPORATIVE EMISSION SYSTEM SWITCHING VALVE CONTROL CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| P2610 | ECM/PCM Internal Engine Off Timer Performance | <Ref. to EN(H6DO)(diag)-425, DTC P2610 ECM/PCM INTERNAL ENGINE OFF TIMER PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0073 | CAN Failure, Bus 'Off' Detection | <Ref. to EN(H6DO)(diag)-425, DTC U0073 CAN FAILURE, BUS 'OFF' DETECTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0101 | CAN (TCU) Data Not Loaded | <Ref. to EN(H6DO)(diag)-425, DTC U0101 CAN (TCU) DATA NOT LOADED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |

List of Diagnostic Trouble Code (DTC)

ENGINE (DIAGNOSTICS)

| DTC | Item | Note |
|-------|---------------------------|---|
| U0122 | CAN (VDC) Data Not Loaded | <Ref. to EN(H6DO)(diag)-425, DTC U0122 CAN (VDC) DATA NOT LOADED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0140 | CAN (BCU) Data Not Loaded | <Ref. to EN(H6DO)(diag)-425, DTC U0140 CAN (BCU) DATA NOT LOADED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0402 | CAN (TCU) Data Abnormal | <Ref. to EN(H6DO)(diag)-425, DTC U0402 CAN (TCU) DATA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0416 | CAN (VDC) Data Abnormal | <Ref. to EN(H6DO)(diag)-425, DTC U0416 CAN (VDC) DATA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |
| U0422 | CAN (BCU) Data Abnormal | <Ref. to EN(H6DO)(diag)-425, DTC U0422 CAN (BCU) DATA ABNORMAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> |