### 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. (dtc).="" b1571="" code="" diagnostic="" dtc="" im(diag)-18,="" incompatibility,="" procedure="" reference="" to="" trouble="" with=""> <ref. (dtc).="" b1571="" code="" diagnostic="" dtc="" incompatibility,="" kps(diag)-81,="" procedure="" reference="" to="" trouble="" with=""></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)-82,="" 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)-84,="" 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)-84,="" module="" procedure="" to="" trouble="" with=""></ref.></ref.>
B1578	Meter Failure	<ref. (dtc).="" b1578="" code="" diagnostic="" dtc="" failure,="" im(diag)-24,="" meter="" procedure="" to="" trouble="" with=""></ref.>
P0011	Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 1)	<ref. -<br="" camshaft="" dtc="" en(h6do)(diag)-107,="" intake="" p0011="" position="" to="">TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 1), Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0014	Exhaust AVCS System 1 (Range/ Performance)	<ref. (dtc).="" (range="" 1="" avcs="" code="" diagnostic="" dtc="" en(h6do)(diag)-108,="" exhaust="" p0014="" performance),="" procedure="" system="" to="" trouble="" with=""></ref.>
P0016	Crankshaft Position - Camshaft Position Correlation (Bank1)	<ref. -="" cam-<br="" crankshaft="" dtc="" en(h6do)(diag)-109,="" p0016="" position="" to="">SHAFT POSITION CORRELATION (BANK1), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).&gt;</ref.>
P0017	Crank and Cam Timing B System Failure (Bank 1)	<ref. (bank="" (dtc).="" 1),="" and="" b="" cam="" code="" crank="" diagnostic="" dtc="" en(h6do)(diag)-110,="" failure="" p0017="" procedure="" system="" timing="" to="" trouble="" with=""></ref.>
P0018	Crankshaft Position - Camshaft Position Correlation (Bank2)	<ref. -="" cam-<br="" crankshaft="" dtc="" en(h6do)(diag)-111,="" p0018="" position="" to="">SHAFT POSITION CORRELATION (BANK2), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).&gt;</ref.>
P0019	Crank and Cam Timing B System Failure (Bank 2)	<ref. (bank="" (dtc).="" 2),="" and="" b="" cam="" code="" crank="" diagnostic="" dtc="" en(h6do)(diag)-112,="" failure="" p0019="" procedure="" system="" timing="" to="" trouble="" with=""></ref.>
P0021	Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 2)	<ref. -<br="" camshaft="" dtc="" en(h6do)(diag)-113,="" intake="" p0021="" position="" to="">TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 2), Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0024	Exhaust AVCS System 2 (Range/ Performance)	<ref. 2<br="" avcs="" dtc="" en(h6do)(diag)-114,="" exhaust="" p0024="" system="" to="">(RANGE/PERFORMANCE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0030	HO2S Heater Control Circuit (Bank 1 Sensor 1)	<ref. (bank="" (dtc).="" 1="" 1),="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-115,="" heater="" ho2s="" p0030="" procedure="" sensor="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P0031	HO2S Heater Control Circuit Low (Bank 1 Sensor 1)	<ref. (bank="" (dtc).="" 1="" 1),="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-117,="" heater="" ho2s="" low="" p0031="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0032	HO2S Heater Control Circuit High (Bank 1 Sensor 1)	<ref. (bank="" (dtc).="" 1="" 1),="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-119,="" heater="" high="" ho2s="" p0032="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0037	HO2S Heater Control Circuit Low (Bank 1 Sensor 2)	<ref. (bank="" (dtc).="" 1="" 2),="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-121,="" heater="" ho2s="" low="" p0037="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2)	<ref. circuit<br="" control="" dtc="" en(h6do)(diag)-123,="" heater="" ho2s="" p0038="" to="">HIGH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0050	HO2S Heater Control Circuit (Bank 2 Sensor 1)	<ref. circuit<br="" control="" dtc="" en(h6do)(diag)-125,="" heater="" ho2s="" p0050="" to="">(BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0051	HO2S Heater Control Circuit Low (Bank 2 Sensor 1)	<ref. circuit<br="" control="" dtc="" en(h6do)(diag)-127,="" heater="" ho2s="" p0051="" to="">LOW (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0052	HO2S Heater Control Circuit High (Bank 2 Sensor 1)	<ref. (bank="" (dtc).="" 1),="" 2="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-129,="" heater="" high="" ho2s="" p0052="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0057	HO2S Heater Control Circuit Low (Bank 2 Sensor 2)	<ref. (bank="" (dtc).="" 2="" 2),="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-131,="" heater="" ho2s="" low="" p0057="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0058	HO2S Heater Control Circuit High (Bank 2 Sensor 2)	<ref. (bank="" (dtc).="" 2="" 2),="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-133,="" heater="" high="" ho2s="" p0058="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0068	MAP/MAF - Throttle Position Correlation	<ref. (dtc).="" -="" code="" correlation,="" diagnostic="" dtc="" en(h6do)(diag)-135,="" maf="" map="" p0068="" position="" procedure="" throttle="" to="" trouble="" with=""></ref.>
P0101	Mass or Volume Air Flow Circuit Range/Performance	<ref. (dtc).="" air="" cir-cuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-136,="" flow="" mass="" or="" p0101="" performance,="" procedure="" range="" to="" trouble="" volume="" with=""></ref.>
P0102	Mass or Volume Air Flow Circuit Low Input	<ref. (dtc).="" air="" cir-cuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-137,="" flow="" input,="" low="" mass="" or="" p0102="" procedure="" to="" trouble="" volume="" with=""></ref.>
P0103	Mass or Volume Air Flow Circuit High Input	<ref. (dtc).="" air="" cir-cuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-139,="" flow="" high="" input,="" mass="" or="" p0103="" procedure="" to="" trouble="" volume="" with=""></ref.>
P0107	Manifold Absolute Pressure/Barometric Pressure Circuit Low Input	<ref. <br="" absolute="" dtc="" en(h6do)(diag)-141,="" manifold="" p0107="" pressure="" to="">BAROMETRIC PRESSURE CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0108	Manifold Absolute Pressure/Barometric Pressure Circuit High Input	<ref. <br="" absolute="" dtc="" en(h6do)(diag)-143,="" manifold="" p0108="" pressure="" to="">BAROMETRIC PRESSURE CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0111	Intake Air Temperature Sensor Range/Performance Problem	<ref. air="" dtc="" en(h6do)(diag)-145,="" intake="" p0111="" sen-<br="" temperature="" to="">SOR RANGE/PERFORMANCE PROBLEM, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).&gt;</ref.>
P0112	Intake Air Temperature Sensor 1 Circuit Low	<ref. air="" dtc="" en(h6do)(diag)-146,="" intake="" p0112="" sen-<br="" temperature="" to="">SOR 1 CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0113	Intake Air Temperature Sensor 1 Circuit High	<ref. air="" dtc="" en(h6do)(diag)-148,="" intake="" p0113="" sen-<br="" temperature="" to="">SOR 1 CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Performance	<ref. (dtc).="" 1="" circuit="" code="" coolant="" diagnostic="" dtc="" en(h6do)(diag)-150,="" engine="" p0116="" performance,="" procedure="" range="" sensor="" temperature="" to="" trouble="" with=""></ref.>
P0117	Engine Coolant Temperature Circuit Low	<ref. (dtc).="" circuit="" code="" coolant="" diagnostic="" dtc="" en(h6do)(diag)-151,="" engine="" low,="" p0117="" procedure="" temperature="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P0118	Engine Coolant Temperature Circuit High	<ref. (dtc).="" circuit="" code="" coolant="" diagnostic="" dtc="" en(h6do)(diag)-153,="" engine="" high,="" p0118="" procedure="" temperature="" to="" trouble="" with=""></ref.>
P0122	Throttle/Pedal Position Sensor/ Switch "A" Circuit Low	<ref. dtc="" en(h6do)(diag)-155,="" p0122="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "A" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0123	Throttle/Pedal Position Sensor/ Switch "A" Circuit High	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-158,="" high,="" p0123="" pedal="" position="" procedure="" sen-sor="" switch="" throttle="" to="" trouble="" with=""></ref.>
P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control	<ref. (dtc).="" closed="" code="" control,="" coolant="" diagnostic="" dtc="" en(h6do)(diag)-161,="" for="" fuel="" insufficient="" loop="" p0125="" procedure="" temper-ature="" to="" trouble="" with=""></ref.>
P0128	Coolant Thermostat (Engine Coolant Temperature Below Thermostat Regulating Temperature)	<ref. (engine<br="" coolant="" dtc="" en(h6do)(diag)-162,="" p0128="" thermostat="" to="">COOLANT TEMPERATURE BELOW THERMOSTAT REGULATING TEMPERA- TURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0131	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)	<ref. (bank="" (dtc).="" 1="" 1),="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-163,="" low="" o2="" p0131="" procedure="" sensor="" to="" trouble="" volt-age="" with=""></ref.>
P0132	O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)	<ref. (bank="" (dtc).="" 1="" 1),="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-165,="" high="" o2="" p0132="" procedure="" sensor="" to="" trouble="" volt-age="" with=""></ref.>
P0134	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)	<ref. (bank="" (dtc).="" 1="" 1),="" activity="" circuit="" code="" detected="" diagnostic="" dtc="" en(h6do)(diag)-167,="" no="" o2="" p0134="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0137	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)	<ref. (bank="" (dtc).="" 1="" 2),="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-169,="" low="" o2="" p0137="" procedure="" sensor="" to="" trouble="" volt-age="" with=""></ref.>
P0138	O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)	<ref. (bank="" (dtc).="" 1="" 2),="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-171,="" high="" o2="" p0138="" procedure="" sensor="" to="" trouble="" volt-age="" with=""></ref.>
P013A	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2)	<ref. (bank="" (dtc).="" -="" 1="" 2),="" code="" diagnostic="" dtc="" en(h6do)(diag)-173,="" lean="" o2="" p013a="" procedure="" response="" rich="" sensor="" slow="" to="" trouble="" with=""></ref.>
P013B	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 2)	<ref. -<br="" dtc="" en(h6do)(diag)-174,="" o2="" p013b="" response="" sensor="" slow="" to="">LEAN TO RICH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P013C	O2 Sensor Slow Response - Rich to Lean (Bank 2 Sensor 2)	<ref. (bank="" (dtc).="" -="" 2="" 2),="" code="" diagnostic="" dtc="" en(h6do)(diag)-175,="" lean="" o2="" p013c="" procedure="" response="" rich="" sensor="" slow="" to="" trouble="" with=""></ref.>
P013D	O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 2)	<ref. -<br="" dtc="" en(h6do)(diag)-176,="" o2="" p013d="" response="" sensor="" slow="" to="">LEAN TO RICH (BANK 2 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P013E	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2)	<ref. (bank="" (dtc).="" -="" 1="" 2),="" code="" delayed="" diagnostic="" dtc="" en(h6do)(diag)-176,="" lean="" o2="" p013e="" procedure="" response="" rich="" sensor="" to="" trouble="" with=""></ref.>
P013F	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 2)	<ref. (bank="" (dtc).="" -="" 1="" 2),="" code="" delayed="" diagnostic="" dtc="" en(h6do)(diag)-176,="" lean="" o2="" p013f="" procedure="" response="" rich="" sensor="" to="" trouble="" with=""></ref.>
P0140	O2 Sensor Circuit No Activity Detected (Bank1 Sensor2)	<ref. (bank1="" (dtc).="" activity="" circuit="" code="" detected="" diagnostic="" dtc="" en(h6do)(diag)-177,="" no="" o2="" p0140="" procedure="" sensor="" sensor2),="" to="" trouble="" with=""></ref.>
P0141	O2 Sensor Heater Circuit (Bank1 Sensor2)	<ref. (bank1="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-179,="" heater="" o2="" p0141="" procedure="" sensor="" sensor2),="" to="" trouble="" with=""></ref.>
P014A	O2 Sensor Delayed Response - Rich to Lean (Bank 2 Sensor 2)	<ref. (bank="" (dtc).="" -="" 2="" 2),="" code="" delayed="" diagnostic="" dtc="" en(h6do)(diag)-179,="" lean="" o2="" p014a="" procedure="" response="" rich="" sensor="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P014B	O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 2)	<ref. (bank="" (dtc).="" -="" 2="" 2),="" code="" delayed="" diagnostic="" dtc="" en(h6do)(diag)-179,="" lean="" o2="" p014b="" procedure="" response="" rich="" sensor="" to="" trouble="" with=""></ref.>
P014C	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1)	<ref. -<br="" dtc="" en(h6do)(diag)-180,="" o2="" p014c="" response="" sensor="" slow="" to="">RICH TO LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P014D	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1)	<ref. -<br="" dtc="" en(h6do)(diag)-180,="" o2="" p014d="" response="" sensor="" slow="" to="">LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P014E	O2 Sensor Slow Response - Rich to Lean (Bank 2 Sensor 1)	<ref. (bank="" (dtc).="" -="" 1),="" 2="" code="" diagnostic="" dtc="" en(h6do)(diag)-181,="" lean="" o2="" p014e="" procedure="" response="" rich="" sensor="" slow="" to="" trouble="" with=""></ref.>
P014F	O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 1)	<ref. -<br="" dtc="" en(h6do)(diag)-181,="" o2="" p014f="" response="" sensor="" slow="" to="">LEAN TO RICH (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0151	O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1)	<ref. (bank="" (dtc).="" 1),="" 2="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-182,="" low="" o2="" p0151="" procedure="" sensor="" to="" trouble="" volt-age="" with=""></ref.>
P0152	O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)	<ref. (bank="" (dtc).="" 1),="" 2="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-184,="" high="" o2="" p0152="" procedure="" sensor="" to="" trouble="" volt-age="" with=""></ref.>
P0154	O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)	<ref. (bank="" (dtc).="" 1),="" 2="" activity="" circuit="" code="" detected="" diagnostic="" dtc="" en(h6do)(diag)-186,="" no="" o2="" p0154="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0157	O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)	<ref. (bank="" (dtc).="" 2="" 2),="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-188,="" low="" o2="" p0157="" procedure="" sensor="" to="" trouble="" volt-age="" with=""></ref.>
P0158	O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)	<ref. (bank="" (dtc).="" 2="" 2),="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-190,="" high="" o2="" p0158="" procedure="" sensor="" to="" trouble="" volt-age="" with=""></ref.>
P015A	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1)	<ref. (bank="" (dtc).="" -="" 1="" 1),="" code="" delayed="" diagnostic="" dtc="" en(h6do)(diag)-192,="" lean="" o2="" p015a="" procedure="" response="" rich="" sensor="" 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(h6do)(diag)-192,="" lean="" o2="" p015b="" procedure="" response="" rich="" sensor="" to="" trouble="" with=""></ref.>
P015C	O2 Sensor Delayed Response - Rich to Lean (Bank 2 Sensor 1)	<ref. (bank="" (dtc).="" -="" 1),="" 2="" code="" delayed="" diagnostic="" dtc="" en(h6do)(diag)-192,="" lean="" o2="" p015c="" procedure="" response="" rich="" sensor="" to="" trouble="" with=""></ref.>
P015D	O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 1)	<ref. (bank="" (dtc).="" -="" 1),="" 2="" code="" delayed="" diagnostic="" dtc="" en(h6do)(diag)-192,="" lean="" o2="" p015d="" procedure="" response="" rich="" sensor="" to="" trouble="" with=""></ref.>
P0160	O2 Sensor Circuit No Activity Detected (Bank2 Sensor2)	<ref. (bank2="" (dtc).="" activity="" circuit="" code="" detected="" diagnostic="" dtc="" en(h6do)(diag)-193,="" no="" o2="" p0160="" procedure="" sensor="" sensor2),="" to="" trouble="" with=""></ref.>
P0161	O2 Sensor Heater Circuit (Bank2 Sensor2)	<ref. (bank2="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-195,="" heater="" o2="" p0161="" procedure="" sensor="" sensor2),="" to="" trouble="" with=""></ref.>
P0171	System Too Lean (Bank 1)	<ref. (bank="" (dtc).="" 1),="" code="" diagnostic="" dtc="" en(h6do)(diag)-195,="" lean="" p0171="" procedure="" system="" to="" too="" trouble="" with=""></ref.>
P0172	System Too Rich (Bank 1)	<ref. (bank="" (dtc).="" 1),="" code="" diagnostic="" dtc="" en(h6do)(diag)-195,="" p0172="" procedure="" rich="" system="" to="" too="" trouble="" with=""></ref.>
P0174	System Too Lean (Bank 2)	<ref. (bank="" (dtc).="" 2),="" code="" diagnostic="" dtc="" en(h6do)(diag)-195,="" lean="" p0174="" procedure="" system="" to="" too="" trouble="" with=""></ref.>
P0175	System Too Rich (Bank 2)	<ref. (bank="" (dtc).="" 2),="" code="" diagnostic="" dtc="" en(h6do)(diag)-196,="" p0175="" procedure="" rich="" system="" to="" too="" trouble="" with=""></ref.>

DTC	Item	Note
P0196	Engine Oil Temperature Sensor Circuit Range/Performance	<ref. dtc="" en(h6do)(diag)-198,="" engine="" oil="" p0196="" sen-<br="" temperature="" to="">SOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0197	Engine Oil Temperature Sensor Low	<ref. dtc="" en(h6do)(diag)-199,="" engine="" oil="" p0197="" sen-<br="" temperature="" to="">SOR LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0198	Engine Oil Temperature Sensor High	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-201,="" engine="" high,="" oil="" p0198="" procedure="" sen-sor="" temperature="" to="" trouble="" with=""></ref.>
P0201	Injector #1	<ref. #1,="" (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-203,="" injector="" p0201="" procedure="" to="" trouble="" with=""></ref.>
P0202	Injector #2	<ref. #2,="" (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-205,="" injector="" p0202="" procedure="" to="" trouble="" with=""></ref.>
P0203	Injector #3	<ref. #3,="" (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-205,="" injector="" p0203="" procedure="" to="" trouble="" with=""></ref.>
P0204	Injector #4	<ref. #4,="" (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-205,="" injector="" p0204="" procedure="" to="" trouble="" with=""></ref.>
P0205	Injector #5	<ref. #5,="" (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-205,="" injector="" p0205="" procedure="" to="" trouble="" with=""></ref.>
P0206	Injector #6	<ref. #6,="" (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-205,="" injector="" p0206="" procedure="" to="" trouble="" with=""></ref.>
P0222	Throttle/Pedal Position Sensor/ Switch "B" Circuit Low	<ref. "b"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-206,="" low,="" p0222="" pedal="" position="" procedure="" sen-sor="" switch="" throttle="" to="" trouble="" with=""></ref.>
P0223	Throttle/Pedal Position Sensor/ Switch "B" Circuit High	<ref. "b"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-209,="" high,="" p0223="" pedal="" position="" procedure="" sen-sor="" switch="" throttle="" to="" trouble="" with=""></ref.>
P0230	Fuel Pump Primary Circuit	<ref. (dtc).="" circuit,="" code="" diagnostic="" dtc="" en(h6do)(diag)-212,="" fuel="" p0230="" primary="" procedure="" pump="" to="" trouble="" with=""></ref.>
P0300	Random/Multiple Cylinder Misfire Detected	<ref. (dtc).="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(h6do)(diag)-215,="" misfire="" multiple="" p0300="" procedure="" random="" to="" trouble="" with=""></ref.>
P0301	Cylinder 1 Misfire Detected	<ref. (dtc).="" 1="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(h6do)(diag)-220,="" misfire="" p0301="" procedure="" to="" trouble="" with=""></ref.>
P0302	Cylinder 2 Misfire Detected	<ref. (dtc).="" 2="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(h6do)(diag)-220,="" misfire="" p0302="" procedure="" to="" trouble="" with=""></ref.>
P0303	Cylinder 3 Misfire Detected	<ref. 3="" cylinder="" detected,<br="" dtc="" en(h6do)(diag)-220,="" misfire="" p0303="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0304	Cylinder 4 Misfire Detected	<ref. (dtc).="" 4="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(h6do)(diag)-220,="" misfire="" p0304="" procedure="" to="" trouble="" with=""></ref.>
P0305	Cylinder 5 Misfire Detected	<ref. (dtc).="" 5="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(h6do)(diag)-220,="" misfire="" p0305="" procedure="" to="" trouble="" with=""></ref.>
P0306	Cylinder 6 Misfire Detected	<ref. (dtc).="" 6="" code="" cylinder="" detected,="" diagnostic="" dtc="" en(h6do)(diag)-221,="" misfire="" p0306="" procedure="" to="" trouble="" with=""></ref.>
P0327	Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor)	<ref. (bank="" (dtc).="" 1="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-226,="" knock="" low="" or="" p0327="" procedure="" sensor="" sensor),="" single="" to="" trouble="" with=""></ref.>
P0328	Knock Sensor 1 Circuit High (Bank 1 or Single Sensor)	<ref. (bank="" (dtc).="" 1="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-228,="" high="" knock="" or="" p0328="" procedure="" sensor="" sensor),="" single="" to="" trouble="" with=""></ref.>
P0332	Knock Sensor 2 Circuit Low (Bank 2)	<ref. (bank="" (dtc).="" 2="" 2),="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-230,="" knock="" low="" p0332="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0333	Knock Sensor 2 Circuit High (Bank 2)	<ref. (bank="" (dtc).="" 2="" 2),="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-232,="" high="" knock="" p0333="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0335	Crankshaft Position Sensor "A" Circuit	<ref. "a"="" (dtc).="" circuit,="" code="" crankshaft="" diagnostic="" dtc="" en(h6do)(diag)-234,="" p0335="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance	<ref. "a"="" (dtc).="" circuit="" code="" crankshaft="" diagnostic="" dtc="" en(h6do)(diag)-236,="" p0336="" performance,="" position="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P0340	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)	<ref. "a"="" (bank="" (dtc).="" 1="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-237,="" or="" p0340="" position="" procedure="" sensor="" sensor),="" single="" 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(h6do)(diag)-239,="" or="" p0341="" performance="" position="" procedure="" range="" sensor="" sensor),="" single="" to="" trouble="" with=""></ref.>
P0345	Camshaft Position Sensor "A" Circuit (Bank 2)	<ref. "a"="" (bank="" (dtc).="" 2),="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-240,="" p0345="" position="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0346	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 2)	<ref. "a"="" (bank="" (dtc).="" 2),="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-242,="" p0346="" performance="" position="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P0351	Ignition Coil A Primary/Secondary Circuit	<ref. a="" coil="" dtc="" en(h6do)(diag)-243,="" ignition="" p0351="" primary="" sec-<br="" to="">ONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0352	Ignition Coil B Primary/Secondary Circuit	<ref. b="" coil="" dtc="" en(h6do)(diag)-245,="" ignition="" p0352="" primary="" sec-<br="" to="">ONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0353	Ignition Coil C Primary/Secondary Circuit	<ref. c="" coil="" dtc="" en(h6do)(diag)-245,="" ignition="" p0353="" primary="" sec-<br="" to="">ONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0354	Ignition Coil D Primary/Secondary Circuit	<ref. coil="" d="" dtc="" en(h6do)(diag)-245,="" ignition="" p0354="" primary="" sec-<br="" to="">ONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0355	Ignition Coil E Primary/Secondary Circuit	<ref. coil="" dtc="" e="" en(h6do)(diag)-245,="" ignition="" p0355="" primary="" sec-<br="" to="">ONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0356	Ignition Coil F Primary/Secondary Circuit	<ref. coil="" dtc="" en(h6do)(diag)-245,="" f="" ignition="" p0356="" primary="" sec-<br="" to="">ONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0365	Camshaft Position Sensor "B" Circuit (Bank 1)	<ref. "b"="" (bank="" (dtc).="" 1),="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-246,="" p0365="" position="" procedure="" sensor="" 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(h6do)(diag)-248,="" p0366="" performance="" position="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P0390	Camshaft Position Sensor "B" Circuit (Bank 2)	<ref. "b"="" (bank="" (dtc).="" 2),="" camshaft="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-249,="" p0390="" position="" procedure="" sensor="" 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(h6do)(diag)-251,="" p0391="" performance="" position="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P0400	Exhaust Gas Recirculation Flow	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-252,="" exhaust="" flow,="" gas="" p0400="" procedure="" recirculation="" to="" trouble="" with=""></ref.>
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	<ref. (bank="" (dtc).="" 1),="" below="" catalyst="" code="" diagnostic="" dtc="" efficiency="" en(h6do)(diag)-253,="" p0420="" procedure="" system="" threshold="" to="" trouble="" with=""></ref.>
P0441	Evaporative Emission Cont. Sys. Incorrect Purge Flow	<ref. cont.<br="" dtc="" emission="" en(h6do)(diag)-258,="" evaporative="" p0441="" to="">SYS. INCORRECT PURGE FLOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0451	Evaporative Emission System Pressure Sensor/Switch Range/Performance	<ref. (dtc).="" code="" diagnostic="" dtc="" emission="" en(h6do)(diag)-259,="" evaporative="" p0451="" performance,="" pressure="" procedure="" range="" sensor="" switch="" system="" to="" trouble="" with=""></ref.>
P0452	Evaporative Emission System Pressure Sensor/Switch Low	<ref. (dtc).="" code="" diagnostic="" dtc="" emission="" en(h6do)(diag)-260,="" evaporative="" low,="" p0452="" pressure="" procedure="" sensor="" switch="" system="" to="" trouble="" with=""></ref.>
P0453	Evaporative Emission System Pressure Sensor/Switch High	<ref. (dtc).="" code="" diagnostic="" dtc="" emission="" en(h6do)(diag)-262,="" evaporative="" high,="" p0453="" pressure="" procedure="" sensor="" switch="" system="" to="" trouble="" with=""></ref.>
P0455	Evaporative Emission System Leak Detected (Large Leak)	<ref. (dtc).="" (large="" code="" detected="" diagnostic="" dtc="" emission="" en(h6do)(diag)-264,="" evaporative="" leak="" leak),="" p0455="" procedure="" system="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P0456	Evaporative Emission Control System Leak Detected (Very Small Leak)	<ref. (dtc).="" (very="" code="" control="" detected="" diagnostic="" dtc="" emission="" en(h6do)(diag)-265,="" evaporative="" leak="" leak),="" p0456="" procedure="" small="" system="" to="" trouble="" with=""></ref.>
P0458	Evaporative Emission System Purge Control Valve Circuit Low	<ref. dtc="" emission="" en(h6do)(diag)-266,="" evaporative="" p0458="" system<br="" to="">PURGE CONTROL VALVE CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0459	Evaporative Emission System Purge Control Valve Circuit High	<ref. dtc="" emission="" en(h6do)(diag)-269,="" evaporative="" p0459="" system<br="" to="">PURGE CONTROL VALVE CIRCUIT HIGH, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).&gt;</ref.>
P0461	Fuel Level Sensor "A" Circuit Range/Performance	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-271,="" fuel="" level="" p0461="" performance,="" procedure="" range="" sensor="" to="" trouble="" with=""></ref.>
P0462	Fuel Level Sensor "A" Circuit Low	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-271,="" fuel="" level="" low,="" p0462="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0463	Fuel Level Sensor "A" Circuit High	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-272,="" fuel="" high,="" level="" p0463="" procedure="" sensor="" to="" trouble="" with=""></ref.>
P0500	Vehicle Speed Sensor "A"	<ref. "a",="" (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-272,="" p0500="" procedure="" sensor="" speed="" to="" trouble="" vehicle="" with=""></ref.>
P0506	Idle Air Control System RPM Lower Than Expected	<ref. (dtc).="" air="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-273,="" expected,="" idle="" lower="" p0506="" procedure="" rpm="" system="" than="" to="" trouble="" with=""></ref.>
P0507	Idle Air Control System RPM Higher Than Expected	<ref. (dtc).="" air="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-274,="" expected,="" higher="" idle="" p0507="" procedure="" rpm="" system="" than="" to="" trouble="" with=""></ref.>
P050A	Cold Start Idle Air Control System Performance	<ref. (dtc).="" air="" code="" cold="" control="" diagnostic="" dtc="" en(h6do)(diag)-275,="" idle="" p050a="" performance,="" procedure="" start="" system="" to="" trouble="" with=""></ref.>
P050B	Cold Start Ignition Timing Performance	<ref. (dtc).="" code="" cold="" diagnostic="" dtc="" en(h6do)(diag)-283,="" ignition="" p050b="" performance,="" procedure="" start="" timing="" to="" trouble="" with=""></ref.>
P0512	Starter Request Circuit	<ref. (dtc).="" circuit,="" code="" diagnostic="" dtc="" en(h6do)(diag)-284,="" p0512="" procedure="" request="" starter="" to="" trouble="" with=""></ref.>
P0560	System Voltage	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-287,="" p0560="" procedure="" system="" to="" trouble="" voltage,="" with=""></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. control="" dtc="" en(h6do)(diag)-290,="" internal="" module<br="" p0604="" to="">RANDOM ACCESS MEMORY (RAM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. control="" dtc="" en(h6do)(diag)-290,="" internal="" module<br="" p0605="" to="">READ ONLY MEMORY (ROM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0606	Control Module Processor	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-291,="" module="" p0606="" procedure="" processor,="" to="" trouble="" with=""></ref.>
P060A	Internal Control Module Monitoring Processor Performance	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-292,="" internal="" module="" monitoring="" p060a="" performance,="" procedure="" processor="" to="" trouble="" with=""></ref.>
P060B	Internal Control Module A/D Processing Performance	<ref. (dtc).="" a="" code="" control="" d="" diagnostic="" dtc="" en(h6do)(diag)-292,="" internal="" module="" p060b="" performance,="" procedure="" processing="" to="" trouble="" with=""></ref.>
P0616	Starter Relay Circuit Low	<ref. circuit="" dtc="" en(h6do)(diag)-293,="" low,<br="" p0616="" relay="" starter="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0617	Starter Relay Circuit High	<ref. circuit="" dtc="" en(h6do)(diag)-298,="" high,<br="" p0617="" relay="" starter="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P062F	Internal Control Module EEPROM Error	<ref. control="" dtc="" en(h6do)(diag)-303,="" internal="" module<br="" p062f="" to="">EEPROM ERROR , Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0700	Transmission Control System (MIL Request)	<ref. (dtc).="" (mil="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-303,="" p0700="" procedure="" request),="" system="" to="" transmission="" trouble="" with=""></ref.>

DTC	Item	Note
P081A	Starter Disable Circuit Low	<ref. (dtc).="" circuit="" code="" diagnostic="" disable="" dtc="" en(h6do)(diag)-304,="" low,="" p081a="" procedure="" starter="" to="" trouble="" with=""></ref.>
P1160	Return Spring Failure	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-306,="" failure,="" p1160="" procedure="" return="" spring="" to="" trouble="" with=""></ref.>
P1449	Evaporative Emission Cont. Sys. Air Filter Clog	<ref. (dtc).="" air="" clog,="" code="" cont.="" diagnostic="" dtc="" emission="" en(h6do)(diag)-307,="" evaporative="" filter="" p1449="" procedure="" sys.="" to="" trouble="" with=""></ref.>
P1451	Evaporative Emission Cont. Sys.	<ref. (dtc).="" code="" cont.="" diagnostic="" dtc="" emission="" en(h6do)(diag)-308,="" evaporative="" p1451="" procedure="" sys.,="" to="" trouble="" with=""></ref.>
P1492	EGR Solenoid Valve Signal #1 Circuit Malfunction (Low Input)	<ref. #1="" (dtc).="" (low="" circuit="" code="" diagnostic="" dtc="" egr="" en(h6do)(diag)-309,="" input),="" malfunction="" p1492="" procedure="" signal="" solenoid="" 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(h6do)(diag)-309,="" input),="" malfunction="" p1493="" procedure="" signal="" solenoid="" 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(h6do)(diag)-309,="" input),="" malfunction="" p1494="" procedure="" signal="" solenoid="" 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(h6do)(diag)-309,="" input),="" malfunction="" p1495="" procedure="" signal="" solenoid="" 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(h6do)(diag)-309,="" input),="" malfunction="" p1496="" procedure="" signal="" solenoid="" to="" trouble="" valve="" with=""></ref.>
P1497	EGR Solenoid Valve Signal #3 Circuit Malfunction (High Input)	<ref. #3="" (dtc).="" (high="" circuit="" code="" diagnostic="" dtc="" egr="" en(h6do)(diag)-309,="" input),="" malfunction="" p1497="" procedure="" signal="" solenoid="" to="" trouble="" valve="" with=""></ref.>
P1498	EGR Solenoid Valve Signal #4 Circuit Malfunction (Low Input)	<ref. #4="" (dtc).="" (low="" circuit="" code="" diagnostic="" dtc="" egr="" en(h6do)(diag)-310,="" input),="" malfunction="" p1498="" procedure="" signal="" solenoid="" to="" trouble="" valve="" with=""></ref.>
P1499	EGR Solenoid Valve Signal #4 Circuit Malfunction (High Input)	<ref. #4="" (dtc).="" (high="" circuit="" code="" diagnostic="" dtc="" egr="" en(h6do)(diag)-313,="" input),="" malfunction="" p1499="" procedure="" signal="" solenoid="" to="" trouble="" valve="" with=""></ref.>
P2088	Intake Camshaft Position Actuator Control Circuit Low (Bank 1)	<ref. (bank="" (dtc).="" 1),="" actuator="" camshaft="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-316,="" intake="" low="" p2088="" position="" procedure="" to="" trouble="" with=""></ref.>
P2089	Intake Camshaft Position Actuator Control Circuit High (Bank 1)	<ref. (bank="" (dtc).="" 1),="" actuator="" camshaft="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-318,="" high="" intake="" p2089="" position="" procedure="" to="" trouble="" with=""></ref.>
P2090	Exhaust Camshaft Position Actuator Control Circuit Low (Bank 1)	<ref. (bank="" (dtc).="" 1),="" actuator="" camshaft="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-320,="" exhaust="" low="" p2090="" position="" procedure="" to="" trouble="" with=""></ref.>
P2091	Exhaust Camshaft Position Actuator Control Circuit High (Bank 1)	<ref. (bank="" (dtc).="" 1),="" actuator="" camshaft="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-322,="" exhaust="" high="" p2091="" position="" procedure="" to="" trouble="" with=""></ref.>
P2092	Intake Camshaft Position Actuator Control Circuit Low (Bank 2)	<ref. (bank="" (dtc).="" 2),="" actuator="" camshaft="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-324,="" intake="" low="" p2092="" position="" procedure="" to="" trouble="" with=""></ref.>
P2093	Intake Camshaft Position Actuator Control Circuit High (Bank 2)	<ref. (bank="" (dtc).="" 2),="" actuator="" camshaft="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-326,="" high="" intake="" p2093="" position="" procedure="" to="" trouble="" with=""></ref.>
P2094	Exhaust Camshaft Position Actuator Control Circuit Low (Bank 2)	<ref. (bank="" (dtc).="" 2),="" actuator="" camshaft="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-328,="" exhaust="" low="" p2094="" position="" procedure="" to="" trouble="" with=""></ref.>
P2095	Exhaust Camshaft Position Actuator Control Circuit High (Bank 2)	<ref. (bank="" (dtc).="" 2),="" actuator="" camshaft="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-330,="" exhaust="" high="" p2095="" position="" procedure="" to="" trouble="" with=""></ref.>

DTC	Item	Note
P2096	Post Catalyst Fuel Trim System Too Lean (Bank 1)	<ref. (bank="" (dtc).="" 1),="" catalyst="" code="" diagnostic="" dtc="" en(h6do)(diag)-332,="" fuel="" lean="" p2096="" post="" procedure="" 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(h6do)(diag)-339,="" fuel="" p2097="" post="" procedure="" rich="" system="" to="" too="" trim="" trouble="" with=""></ref.>
P2098	Post Catalyst Fuel Trim System Too Lean Bank 2	<ref. (dtc).="" 2,="" bank="" catalyst="" code="" diagnostic="" dtc="" en(h6do)(diag)-346,="" fuel="" lean="" p2098="" post="" procedure="" system="" to="" too="" trim="" trouble="" with=""></ref.>
P2099	Post Catalyst Fuel Trim System Too Rich Bank 2	<ref. (dtc).="" 2,="" bank="" catalyst="" code="" diagnostic="" dtc="" en(h6do)(diag)-352,="" fuel="" p2099="" post="" procedure="" rich="" system="" to="" too="" trim="" trouble="" with=""></ref.>
P2101	Throttle Actuator Control Motor Circuit Range/Performance	<ref. (dtc).="" actuator="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-358,="" motor="" p2101="" performance,="" procedure="" range="" throttle="" to="" trouble="" with=""></ref.>
P2102	Throttle Actuator Control Motor Circuit Low	<ref. (dtc).="" actuator="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-364,="" low,="" motor="" p2102="" procedure="" throttle="" to="" trouble="" with=""></ref.>
P2103	Throttle Actuator Control Motor Circuit High	<ref. (dtc).="" actuator="" circuit="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-366,="" high,="" motor="" p2103="" procedure="" throttle="" to="" trouble="" with=""></ref.>
P2109	Throttle/Pedal Position Sensor "A" Minimum Stop Performance	<ref. "a"="" (dtc).="" code="" diagnostic="" dtc="" en(h6do)(diag)-367,="" minimum="" p2109="" pedal="" performance,="" position="" procedure="" sensor="" stop="" throttle="" to="" trouble="" with=""></ref.>
P2119	Throttle Actuator Control Throttle Body Range/Performance	<ref. (dtc).="" actuator="" body="" code="" control="" diagnostic="" dtc="" en(h6do)(diag)-367,="" p2119="" performance,="" procedure="" range="" throttle="" to="" trouble="" with=""></ref.>
P2122	Throttle/Pedal Position Sensor/ Switch "D" Circuit Low Input	<ref. dtc="" en(h6do)(diag)-368,="" p2122="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "D" CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P2123	Throttle/Pedal Position Sensor/ Switch "D" Circuit High Input	<ref. dtc="" en(h6do)(diag)-370,="" p2123="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "D" CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P2127	Throttle/Pedal Position Sensor/ Switch "E" Circuit Low Input	<ref. dtc="" en(h6do)(diag)-372,="" p2127="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "E" CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P2128	Throttle/Pedal Position Sensor/ Switch "E" Circuit High Input	<ref. dtc="" en(h6do)(diag)-374,="" p2128="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "E" CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P2135	Throttle/Pedal Position Sensor/ Switch "A"/"B" Voltage Correlation	<ref. dtc="" en(h6do)(diag)-376,="" p2135="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "A"/"B" VOLTAGE CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P2138	Throttle/Pedal Position Sensor/ Switch "D"/"E" Voltage Correlation	<ref. dtc="" en(h6do)(diag)-379,="" p2138="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "D"/"E" VOLTAGE CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P2195	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1)	<ref. <br="" biased="" dtc="" en(h6do)(diag)-381,="" o2="" p2195="" sensor="" signal="" to="">STUCK LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P2196	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1)	<ref. <br="" biased="" dtc="" en(h6do)(diag)-383,="" o2="" p2196="" sensor="" signal="" to="">STUCK RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P2197	O2 Sensor Signal Biased/Stuck Lean (Bank 2 Sensor 1)	<ref. <br="" biased="" dtc="" en(h6do)(diag)-385,="" o2="" p2197="" sensor="" signal="" to="">STUCK LEAN (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).&gt;</ref.>
P2198	O2 Sensor Signal Biased/Stuck Rich (Bank 2 Sensor 1)	<ref. <br="" biased="" dtc="" en(h6do)(diag)-387,="" o2="" p2198="" sensor="" signal="" to="">STUCK RICH (BANK 2 SENSOR 1), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).&gt;</ref.>

DTC	Item	Note
P219A	Bank 1 Air-Fuel Ratio Imbalance	<ref. (dtc).="" 1="" air-fuel="" bank="" code="" diagnostic="" dtc="" en(h6do)(diag)-389,="" imbal-ance,="" p219a="" procedure="" ratio="" to="" trouble="" with=""></ref.>
P219B	Bank 2 Air-Fuel Ratio Imbalance	<ref. (dtc).="" 2="" air-fuel="" bank="" code="" diagnostic="" dtc="" en(h6do)(diag)-400,="" imbal-ance,="" p219b="" procedure="" ratio="" to="" trouble="" with=""></ref.>
P2227	Barometric Pressure Circuit Range/ Performance	<ref. (dtc).="" barometric="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-410,="" p2227="" performance,="" pressure="" procedure="" range="" to="" trouble="" with=""></ref.>
P2228	Barometric Pressure Circuit Low	<ref. (dtc).="" barometric="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-410,="" low,="" p2228="" pressure="" procedure="" to="" trouble="" with=""></ref.>
P2229	Barometric Pressure Circuit High	<ref. (dtc).="" barometric="" circuit="" code="" diagnostic="" dtc="" en(h6do)(diag)-411,="" high,="" p2229="" pressure="" procedure="" to="" trouble="" with=""></ref.>
P2401	Evaporative Emission System Leak Detection Pump Control Circuit Low	<ref. (dtc).="" circuit="" code="" control="" detection="" diagnostic="" dtc="" emission="" en(h6do)(diag)-412,="" evaporative="" leak="" low,="" p2401="" procedure="" pump="" 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(h6do)(diag)-415,="" evaporative="" high,="" leak="" p2402="" procedure="" pump="" system="" to="" trouble="" with=""></ref.>
P2404	Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance	<ref. (dtc).="" circuit="" code="" detection="" diagnostic="" dtc="" emission="" en(h6do)(diag)-417,="" evaporative="" leak="" p2404="" performance,="" procedure="" pump="" range="" sense="" system="" to="" trouble="" with=""></ref.>
P2419	Evaporative Emission System Switching Valve Control Circuit Low	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" emission="" en(h6do)(diag)-420,="" evaporative="" low,="" p2419="" procedure="" 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(h6do)(diag)-423,="" evaporative="" high,="" p2420="" procedure="" switching="" system="" to="" trouble="" valve="" with=""></ref.>
P2610	ECM/PCM Internal Engine Off Timer Performance	<ref. (dtc).="" code="" diagnostic="" dtc="" ecm="" en(h6do)(diag)-425,="" engine="" internal="" off="" p2610="" pcm="" performance,="" procedure="" timer="" to="" trouble="" with=""></ref.>
U0073	CAN Failure, Bus 'Off' Detection	<ref. 'off'="" (dtc).="" bus="" can="" code="" detection,="" diagnostic="" dtc="" en(h6do)(diag)-425,="" failure,="" procedure="" to="" trouble="" u0073="" with=""></ref.>
U0101	CAN (TCU) Data Not Loaded	<ref. (dtc).="" (tcu)="" can="" code="" data="" diagnostic="" dtc="" en(h6do)(diag)-425,="" loaded,="" not="" procedure="" to="" trouble="" u0101="" with=""></ref.>
U0122	CAN (VDC) Data Not Loaded	<ref. (dtc).="" (vdc)="" can="" code="" data="" diagnostic="" dtc="" en(h6do)(diag)-425,="" loaded,="" not="" procedure="" to="" trouble="" u0122="" with=""></ref.>
U0140	CAN (BCU) Data Not Loaded	<ref. (bcu)="" (dtc).="" can="" code="" data="" diagnostic="" dtc="" en(h6do)(diag)-425,="" loaded,="" not="" procedure="" to="" trouble="" u0140="" with=""></ref.>
U0402	CAN (TCU) Data Abnormal	<ref. (dtc).="" (tcu)="" abnormal,="" can="" code="" data="" diagnostic="" dtc="" en(h6do)(diag)-425,="" procedure="" to="" trouble="" u0402="" with=""></ref.>
U0416	CAN (VDC) Data Abnormal	<ref. (dtc).="" (vdc)="" abnormal,="" can="" code="" data="" diagnostic="" dtc="" en(h6do)(diag)-425,="" procedure="" to="" trouble="" u0416="" with=""></ref.>
U0422	CAN (BCU) Data Abnormal	<ref. (bcu)="" (dtc).="" abnormal,="" can="" code="" data="" diagnostic="" dtc="" en(h6do)(diag)-425,="" procedure="" to="" trouble="" u0422="" with=""></ref.>