A: LIST

DTC	Item	Note
B1570	Antenna	<ref. (dtc)="" antenna,="" b1570="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do="" hev)-11,="" o="" to="" trouble="" w=""></ref.>
B1571	Reference Code Incompatibility	<ref. b1571="" code="" dtc="" gd(h4do="" hev)-12,="" incom-<br="" o="" reference="" to="" w="">PATIBILITY, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
B1572	IMM Circuit Failure (Except Antenna Circuit)	<ref. b1572="" circuit="" dtc="" failure<br="" gd(h4do="" hev)-12,="" imm="" o="" to="" w="">(EXCEPT ANTENNA CIRCUIT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
B1574	Key Communication Failure	<ref. b1574="" communication="" dtc="" fail-<br="" gd(h4do="" hev)-12,="" key="" o="" to="" w="">URE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
B1575	Incorrect Immobilizer Key	<ref. b1575="" dtc="" gd(h4do="" hev)-12,="" immobilizer<br="" incorrect="" o="" to="" w="">KEY, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
B1576	EGI Control Module EEPROM	<ref. b1576="" control="" dtc="" egi="" gd(h4do="" hev)-12,="" module<br="" o="" to="" w="">EEPROM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
B1577	IMM Control Module EEPROM	<ref. b1577="" control="" dtc="" gd(h4do="" hev)-12,="" imm="" module<br="" o="" to="" w="">EEPROM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
B1578	Meter Failure	<ref. b1578="" diagnostic<br="" dtc="" failure,="" gd(h4do="" hev)-12,="" meter="" o="" to="" w="">Trouble Code (DTC) Detecting Criteria.></ref.>
P000A	A Camshaft Position Slow Response (Bank 1)	<ref. a="" camshaft="" dtc="" gd(h4do="" hev)-13,="" o="" p000a="" position<br="" to="" w="">SLOW RESPONSE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P000B	B Camshaft Position Slow Response (Bank 1)	<ref. b="" camshaft="" dtc="" gd(h4do="" hev)-14,="" o="" p000b="" position<br="" to="" w="">SLOW RESPONSE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P000C	A Camshaft Position Slow Response (Bank 2)	<ref. a="" camshaft="" dtc="" gd(h4do="" hev)-14,="" o="" p000c="" position<br="" to="" w="">SLOW RESPONSE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P000D	B Camshaft Position Slow Response (Bank 2)	<ref. b="" camshaft="" dtc="" gd(h4do="" hev)-14,="" o="" p000d="" position<br="" to="" w="">SLOW RESPONSE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0011	Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 1)	<ref. camshaft="" dtc="" gd(h4do="" hev)-16,="" intake="" o="" p0011="" posi-<br="" to="" w="">TION - TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0014	Exhaust AVCS System 1 (Range/Per- formance)	<ref. 1<br="" avcs="" dtc="" exhaust="" gd(h4do="" hev)-18,="" o="" p0014="" system="" to="" w="">(RANGE/PERFORMANCE), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0016	Crankshaft Position - Camshaft Posi- tion Correlation (Bank1)	<ref. -<br="" crankshaft="" dtc="" gd(h4do="" hev)-19,="" o="" p0016="" position="" to="" w="">CAMSHAFT POSITION CORRELATION (BANK1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0017	Crank and Cam Timing B System Failure (Bank 1)	<ref. and="" b<br="" cam="" crank="" dtc="" gd(h4do="" hev)-20,="" o="" p0017="" timing="" to="" w="">SYSTEM FAILURE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0018	Crankshaft Position - Camshaft Posi- tion Correlation (Bank2)	<ref. -<br="" crankshaft="" dtc="" gd(h4do="" hev)-21,="" o="" p0018="" position="" to="" w="">CAMSHAFT POSITION CORRELATION (BANK2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0019	Crank and Cam Timing B System Failure (Bank 2)	<ref. and="" b<br="" cam="" crank="" dtc="" gd(h4do="" hev)-21,="" o="" p0019="" timing="" to="" w="">SYSTEM FAILURE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0021	Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 2)	<ref. camshaft="" dtc="" gd(h4do="" hev)-21,="" intake="" o="" p0021="" posi-<br="" to="" w="">TION - TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0024	Exhaust AVCS System 2 (Range/Per- formance)	<ref. 2<br="" avcs="" dtc="" exhaust="" gd(h4do="" hev)-21,="" o="" p0024="" system="" to="" w="">(RANGE/PERFORMANCE), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>

DTC	Item	Note
P0030	HO2S Heater Control Circuit (Bank 1 Sensor 1)	<ref. control<br="" dtc="" gd(h4do="" heater="" hev)-22,="" ho2s="" o="" p0030="" to="" w="">CIRCUIT (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0031	HO2S Heater Control Circuit Low (Bank 1 Sensor 1)	<ref. control<br="" dtc="" gd(h4do="" heater="" hev)-23,="" ho2s="" o="" p0031="" to="" w="">CIRCUIT LOW (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0032	HO2S Heater Control Circuit High (Bank 1 Sensor 1)	<ref. control<br="" dtc="" gd(h4do="" heater="" hev)-24,="" ho2s="" o="" p0032="" to="" w="">CIRCUIT HIGH (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0037	HO2S Heater Control Circuit Low (Bank 1 Sensor 2)	<ref. control<br="" dtc="" gd(h4do="" heater="" hev)-25,="" ho2s="" o="" p0037="" to="" w="">CIRCUIT LOW (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2)	<ref. control<br="" dtc="" gd(h4do="" heater="" hev)-26,="" ho2s="" o="" p0038="" to="" w="">CIRCUIT HIGH (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0068	MAP/MAF - Throttle Position Correla- tion	<ref. -="" dtc="" gd(h4do="" hev)-27,="" maf="" map="" o="" p0068="" posi-<br="" throttle="" to="" w="">TION CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0071	Ambient Temperature Sensor Circuit "A" Range/Performance	<ref. ambient="" dtc="" gd(h4do="" hev)-29,="" o="" p0071="" temperature<br="" to="" w="">SENSOR CIRCUIT "A" RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0072	Ambient Temperature Sensor Circuit "A" Low	<ref. ambient="" dtc="" gd(h4do="" hev)-31,="" o="" p0072="" temperature<br="" to="" w="">SENSOR CIRCUIT "A" LOW, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0073	Ambient Temperature Sensor Circuit "A" High	<ref. ambient="" dtc="" gd(h4do="" hev)-32,="" o="" p0073="" temperature<br="" to="" w="">SENSOR CIRCUIT "A" HIGH, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0101	Mass or Volume Air Flow Circuit Range/Performance	<ref. air="" dtc="" flow<br="" gd(h4do="" hev)-33,="" mass="" o="" or="" p0101="" to="" volume="" w="">CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0102	Mass or Volume Air Flow Circuit Low Input	<ref. (dtc)="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" flow="" gd(h4do="" hev)-35,="" input,="" low="" mass="" o="" or="" p0102="" to="" trouble="" volume="" w=""></ref.>
P0103	Mass or Volume Air Flow Circuit High Input	<ref. air="" dtc="" flow<br="" gd(h4do="" hev)-36,="" mass="" o="" or="" p0103="" to="" volume="" w="">CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0107	Manifold Absolute Pressure/Baromet- ric Pressure Circuit Low Input	<ref. absolute="" dtc="" gd(h4do="" hev)-37,="" manifold="" o="" p0107="" pres-<br="" to="" w="">SURE/BAROMETRIC PRESSURE CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0108	Manifold Absolute Pressure/Baromet- ric Pressure Circuit High Input	<ref. absolute="" dtc="" gd(h4do="" hev)-38,="" manifold="" o="" p0108="" pres-<br="" to="" w="">SURE/BAROMETRIC PRESSURE CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0111	Intake Air Temperature Sensor Range/Performance Problem	<ref. air="" dtc="" gd(h4do="" hev)-39,="" intake="" o="" p0111="" temperature<br="" to="" w="">SENSOR RANGE/PERFORMANCE PROBLEM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0112	Intake Air Temperature Sensor 1 Cir- cuit Low	<ref. air="" dtc="" gd(h4do="" hev)-42,="" intake="" o="" p0112="" temperature<br="" to="" w="">SENSOR 1 CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0113	Intake Air Temperature Sensor 1 Cir- cuit High	<ref. air="" dtc="" gd(h4do="" hev)-43,="" intake="" o="" p0113="" temperature<br="" to="" w="">SENSOR 1 CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Performance	<ref. coolant="" dtc="" engine="" gd(h4do="" hev)-44,="" o="" p0116="" temper-<br="" to="" w="">ATURE SENSOR 1 CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0117	Engine Coolant Temperature Circuit Low	<ref. coolant="" dtc="" engine="" gd(h4do="" hev)-46,="" o="" p0117="" temper-<br="" to="" w="">ATURE CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0118	Engine Coolant Temperature Circuit High	<ref. coolant="" dtc="" engine="" gd(h4do="" hev)-47,="" o="" p0118="" temper-<br="" to="" w="">ATURE CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

GENERAL DESCRIPTION

DTC	Item	Note
P0122	Throttle/Pedal Position Sensor/Switch "A" Circuit Low	<ref. dtc="" gd(h4do="" hev)-48,="" o="" p0122="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "A" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0123	Throttle/Pedal Position Sensor/Switch "A" Circuit High	<ref. dtc="" gd(h4do="" hev)-49,="" o="" p0123="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "A" CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control	<ref. coolant<br="" dtc="" gd(h4do="" hev)-50,="" insufficient="" o="" p0125="" to="" w="">TEMPERATURE FOR CLOSED LOOP FUEL CONTROL, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0128	Coolant Thermostat (Engine Coolant Temperature Below Thermostat Reg- ulating Temperature)	<ref. coolant="" dtc="" gd(h4do="" hev)-51,="" o="" p0128="" thermostat<br="" to="" w="">(ENGINE COOLANT TEMPERATURE BELOW THERMOSTAT REGULATING TEMPERATURE), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0131	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)	<ref. circuit="" dtc="" gd(h4do="" hev)-54,="" low<br="" o="" o2="" p0131="" sensor="" to="" w="">VOLTAGE (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0132	O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)	<ref. circuit="" dtc="" gd(h4do="" hev)-55,="" high<br="" o="" o2="" p0132="" sensor="" to="" w="">VOLTAGE (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0134	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)	<ref. circuit="" dtc="" gd(h4do="" hev)-56,="" no<br="" o="" o2="" p0134="" sensor="" to="" w="">ACTIVITY DETECTED (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0137	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)	<ref. circuit="" dtc="" gd(h4do="" hev)-57,="" low<br="" o="" o2="" p0137="" sensor="" to="" w="">VOLTAGE (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0138	O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)	<ref. circuit="" dtc="" gd(h4do="" hev)-58,="" high<br="" o="" o2="" p0138="" sensor="" to="" w="">VOLTAGE (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P013A	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2)	<ref. dtc="" gd(h4do="" hev)-59,="" o="" o2="" p013a="" sensor="" slow<br="" to="" w="">RESPONSE - RICH TO LEAN (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P013B	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 2)	<ref. dtc="" gd(h4do="" hev)-61,="" o="" o2="" p013b="" sensor="" slow<br="" to="" w="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P013E	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2)	<ref. delayed<br="" dtc="" gd(h4do="" hev)-63,="" o="" o2="" p013e="" sensor="" to="" w="">RESPONSE - RICH TO LEAN (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P013F	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 2)	<ref. delayed<br="" dtc="" gd(h4do="" hev)-65,="" o="" o2="" p013f="" sensor="" to="" w="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0141	O2 Sensor Heater Circuit (Bank1 Sensor2)	<ref. cir-<br="" dtc="" gd(h4do="" heater="" hev)-67,="" o="" o2="" p0141="" sensor="" to="" w="">CUIT (BANK1 SENSOR2), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P014C	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1)	<ref. dtc="" gd(h4do="" hev)-68,="" o="" o2="" p014c="" sensor="" slow<br="" to="" w="">RESPONSE - RICH TO LEAN (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P014D	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1)	<ref. dtc="" gd(h4do="" hev)-70,="" o="" o2="" p014d="" sensor="" slow<br="" to="" w="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P015A	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1)	<ref. delayed<br="" dtc="" gd(h4do="" hev)-71,="" o="" o2="" p015a="" sensor="" to="" w="">RESPONSE - RICH TO LEAN (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P015B	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 1)	<ref. delayed<br="" dtc="" gd(h4do="" hev)-75,="" o="" o2="" p015b="" sensor="" to="" w="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0171	System Too Lean (Bank 1)	<ref. (bank="" 1),<br="" dtc="" gd(h4do="" hev)-76,="" lean="" o="" p0171="" system="" to="" too="" w="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

DTC	Item	Note
P0172	System Too Rich (Bank 1)	<ref. (bank="" 1),<br="" dtc="" gd(h4do="" hev)-77,="" o="" p0172="" rich="" system="" to="" too="" w="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0196	Engine Oil Temperature Sensor Cir- cuit Range/Performance	<ref. dtc="" engine="" gd(h4do="" hev)-78,="" o="" oil="" p0196="" temperature<br="" to="" w="">SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0197	Engine Oil Temperature Sensor Low	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" engine="" gd(h4do="" hev)-80,="" low,="" o="" oil="" p0197="" sensor="" temperature="" to="" trouble="" w=""></ref.>
P0198	Engine Oil Temperature Sensor High	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" engine="" gd(h4do="" hev)-81,="" high,="" o="" oil="" p0198="" sensor="" temperature="" to="" trouble="" w=""></ref.>
P0201	Injector #1	<ref. #1,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do="" hev)-82,="" injector="" o="" p0201="" to="" trouble="" w=""></ref.>
P0202	Injector #2	<ref. #2,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do="" hev)-82,="" injector="" o="" p0202="" to="" trouble="" w=""></ref.>
P0203	Injector #3	<ref. #3,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do="" hev)-82,="" injector="" o="" p0203="" to="" trouble="" w=""></ref.>
P0204	Injector #4	<ref. #4,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do="" hev)-82,="" injector="" o="" p0204="" to="" trouble="" w=""></ref.>
P0222	Throttle/Pedal Position Sensor/Switch "B" Circuit Low	<ref. dtc="" gd(h4do="" hev)-83,="" o="" p0222="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "B" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0223	Throttle/Pedal Position Sensor/Switch "B" Circuit High	<ref. dtc="" gd(h4do="" hev)-84,="" o="" p0223="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "B" CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0300	Random/Multiple Cylinder Misfire Detected	<ref. cylin-<br="" dtc="" gd(h4do="" hev)-84,="" multiple="" o="" p0300="" random="" to="" w="">DER MISFIRE DETECTED, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0301	Cylinder 1 Misfire Detected	<ref. 1="" cylinder="" dtc="" gd(h4do="" hev)-85,="" misfire<br="" o="" p0301="" to="" w="">DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0302	Cylinder 2 Misfire Detected	<ref. 2="" cylinder="" dtc="" gd(h4do="" hev)-93,="" misfire<br="" o="" p0302="" to="" w="">DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0303	Cylinder 3 Misfire Detected	<ref. 3="" cylinder="" dtc="" gd(h4do="" hev)-93,="" misfire<br="" o="" p0303="" to="" w="">DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0304	Cylinder 4 Misfire Detected	<ref. 4="" cylinder="" dtc="" gd(h4do="" hev)-93,="" misfire<br="" o="" p0304="" to="" w="">DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0327	Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor)	<ref. 1="" circuit<br="" dtc="" gd(h4do="" hev)-94,="" knock="" o="" p0327="" sensor="" to="" w="">LOW (BANK 1 OR SINGLE SENSOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0328	Knock Sensor 1 Circuit High (Bank 1 or Single Sensor)	<ref. 1="" circuit<br="" dtc="" gd(h4do="" hev)-95,="" knock="" o="" p0328="" sensor="" to="" w="">HIGH (BANK 1 OR SINGLE SENSOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0335	Crankshaft Position Sensor "A" Circuit	<ref. crankshaft="" dtc="" gd(h4do="" hev)-96,="" o="" p0335="" position<br="" to="" w="">SENSOR "A" CIRCUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance	<ref. crankshaft="" dtc="" gd(h4do="" hev)-98,="" o="" p0336="" position<br="" to="" w="">SENSOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0340	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)	<ref. camshaft="" dtc="" gd(h4do="" hev)-100,="" o="" p0340="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT (BANK 1 OR SINGLE SENSOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0341	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 1 or Single Sensor)	<ref. camshaft="" dtc="" gd(h4do="" hev)-102,="" o="" p0341="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SEN- SOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0345	Camshaft Position Sensor "A" Circuit (Bank 2)	<ref. camshaft="" dtc="" gd(h4do="" hev)-103,="" o="" p0345="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT (BANK 2), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>

GENERAL DESCRIPTION

DTC	Item	Note
P0346	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 2)	<ref. camshaft="" dtc="" gd(h4do="" hev)-103,="" o="" p0346="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0351	Ignition Coil A Primary/Secondary Circuit	<ref. <br="" a="" coil="" dtc="" gd(h4do="" hev)-104,="" ignition="" o="" p0351="" primary="" to="" w="">SECONDARY CIRCUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0352	Ignition Coil B Primary/Secondary Circuit	<ref. <br="" b="" coil="" dtc="" gd(h4do="" hev)-104,="" ignition="" o="" p0352="" primary="" to="" w="">SECONDARY CIRCUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0353	Ignition Coil C Primary/Secondary Circuit	<ref. <br="" c="" coil="" dtc="" gd(h4do="" hev)-104,="" ignition="" o="" p0353="" primary="" to="" w="">SECONDARY CIRCUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0354	Ignition Coil D Primary/Secondary Circuit	<ref. <br="" coil="" d="" dtc="" gd(h4do="" hev)-104,="" ignition="" o="" p0354="" primary="" to="" w="">SECONDARY CIRCUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0365	Camshaft Position Sensor "B" Circuit (Bank 1)	<ref. camshaft="" dtc="" gd(h4do="" hev)-105,="" o="" p0365="" position="" sen-<br="" to="" w="">SOR "B" CIRCUIT (BANK 1), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0366	Camshaft Position Sensor B Circuit Range/Performance (Bank 1)	<ref. camshaft="" dtc="" gd(h4do="" hev)-106,="" o="" p0366="" position="" sen-<br="" to="" w="">SOR B CIRCUIT RANGE/PERFORMANCE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0390	Camshaft Position Sensor "B" Circuit (Bank 2)	<ref. camshaft="" dtc="" gd(h4do="" hev)-107,="" o="" p0390="" position="" sen-<br="" to="" w="">SOR "B" CIRCUIT (BANK 2), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0391	Camshaft Position Sensor B Circuit Range/Performance (Bank 2)	<ref. camshaft="" dtc="" gd(h4do="" hev)-107,="" o="" p0391="" position="" sen-<br="" to="" w="">SOR B CIRCUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0400	Exhaust Gas Recirculation Flow	<ref. dtc="" exhaust="" gas="" gd(h4do="" hev)-108,="" o="" p0400="" recircula-<br="" to="" w="">TION FLOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	<ref. catalyst="" dtc="" effi-<br="" gd(h4do="" hev)-110,="" o="" p0420="" system="" to="" w="">CIENCY BELOW THRESHOLD (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0441	Evaporative Emission Cont. Sys. Incorrect Purge Flow	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-112,="" o="" p0441="" to="" w="">CONT. SYS. INCORRECT PURGE FLOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0451	Evaporative Emission System Pres- sure Sensor/Switch Range/Perfor- mance	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-115,="" o="" p0451="" to="" w="">SYSTEM PRESSURE SENSOR/SWITCH RANGE/PERFORMANCE, Diag- nostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0452	Evaporative Emission System Pres- sure Sensor/Switch Low	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-117,="" o="" p0452="" to="" w="">SYSTEM PRESSURE SENSOR/SWITCH LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0453	Evaporative Emission System Pres- sure Sensor/Switch High	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-118,="" o="" p0453="" to="" w="">SYSTEM PRESSURE SENSOR/SWITCH HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0455	Evaporative Emission System Leak Detected (Large Leak)	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-119,="" o="" p0455="" to="" w="">SYSTEM LEAK DETECTED (LARGE LEAK), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0456	Evaporative Emission Control Sys- tem Leak Detected (Very Small Leak)	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-124,="" o="" p0456="" to="" w="">CONTROL SYSTEM LEAK DETECTED (VERY SMALL LEAK), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0458	Evaporative Emission System Purge Control Valve Circuit Low	Ref. to GD(H4DO w/o HEV)-125, DTC P0458 EVAPORATIVE EMISSION SYSTEM PURGE CONTROL VALVE CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0459	Evaporative Emission System Purge Control Valve Circuit High	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-126,="" o="" p0459="" to="" w="">SYSTEM PURGE CONTROL VALVE CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0461	Fuel Level Sensor "A" Circuit Range/ Performance	<ref. "a"<br="" dtc="" fuel="" gd(h4do="" hev)-127,="" level="" o="" p0461="" sensor="" to="" w="">CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>

DTC	Item	Note
P0462	Fuel Level Sensor "A" Circuit Low	<ref. "a"<br="" dtc="" fuel="" gd(h4do="" hev)-128,="" level="" o="" p0462="" sensor="" to="" w="">CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0463	Fuel Level Sensor "A" Circuit High	<ref. "a"<br="" dtc="" fuel="" gd(h4do="" hev)-129,="" level="" o="" p0463="" sensor="" to="" w="">CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0500	Vehicle Speed Sensor "A"	<ref. dtc="" gd(h4do="" hev)-130,="" o="" p0500="" sensor<br="" speed="" to="" vehicle="" w="">"A", Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0506	Idle Air Control System RPM Lower Than Expected	<ref. air="" control="" dtc="" gd(h4do="" hev)-131,="" idle="" o="" p0506="" system<br="" to="" w="">RPM LOWER THAN EXPECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0507	Idle Air Control System RPM Higher Than Expected	<ref. air="" control="" dtc="" gd(h4do="" hev)-132,="" idle="" o="" p0507="" system<br="" to="" w="">RPM HIGHER THAN EXPECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P050A	Cold Start Idle Air Control System Performance	<ref. air="" cold="" con-<br="" dtc="" gd(h4do="" hev)-133,="" idle="" o="" p050a="" start="" to="" w="">TROL SYSTEM PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P050B	Cold Start Ignition Timing Perfor- mance	<ref. cold="" dtc="" gd(h4do="" hev)-136,="" ignition="" o="" p050b="" start="" tim-<br="" to="" w="">ING PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0516	Battery Temperature Sensor Circuit Low	<ref. battery="" dtc="" gd(h4do="" hev)-137,="" o="" p0516="" temperature<br="" to="" w="">SENSOR CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0517	Battery Temperature Sensor Circuit High	<ref. battery="" dtc="" gd(h4do="" hev)-138,="" o="" p0517="" temperature<br="" to="" w="">SENSOR CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0560	System Voltage	<ref. diagnos-<br="" dtc="" gd(h4do="" hev)-139,="" o="" p0560="" system="" to="" voltage,="" w="">tic Trouble Code (DTC) Detecting Criteria.></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. control="" dtc="" gd(h4do="" hev)-140,="" internal="" mod-<br="" o="" p0604="" to="" w="">ULE RANDOM ACCESS MEMORY (RAM) ERROR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. control="" dtc="" gd(h4do="" hev)-141,="" internal="" mod-<br="" o="" p0605="" to="" w="">ULE READ ONLY MEMORY (ROM) ERROR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0606	Control Module Processor	<ref. control="" dtc="" gd(h4do="" hev)-142,="" module="" o="" p0606="" pro-<br="" to="" w="">CESSOR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P060A	Internal Control Module Monitoring Processor Performance	<ref. control="" dtc="" gd(h4do="" hev)-144,="" internal="" mod-<br="" o="" p060a="" to="" w="">ULE MONITORING PROCESSOR PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P060B	Internal Control Module A/D Process- ing Performance	<ref. control="" dtc="" gd(h4do="" hev)-146,="" internal="" mod-<br="" o="" p060b="" to="" w="">ULE A/D PROCESSING PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0616	Starter Relay Circuit Low	<ref. circuit<br="" dtc="" gd(h4do="" hev)-148,="" o="" p0616="" relay="" starter="" to="" w="">LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0617	Starter Relay Circuit High	<ref. circuit<br="" dtc="" gd(h4do="" hev)-149,="" o="" p0617="" relay="" starter="" to="" w="">HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P062F	Internal Control Module EEPROM Error	<ref. control="" dtc="" gd(h4do="" hev)-150,="" internal="" mod-<br="" o="" p062f="" to="" w="">ULE EEPROM ERROR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0685	ECM/PCM Power Relay Control Cir- cuit/Open	<ref. dtc="" ecm="" gd(h4do="" hev)-151,="" o="" p0685="" pcm="" power="" relay<br="" to="" w="">CONTROL CIRCUIT/OPEN, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0700	Transmission Control System (MIL Request)	<ref. control<br="" dtc="" gd(h4do="" hev)-152,="" o="" p0700="" to="" transmission="" w="">SYSTEM (MIL REQUEST), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0851	Park/Neutral Switch Input Circuit Low (AT Model)	<ref. dtc="" gd(h4do="" hev)-154,="" neutral="" o="" p0851="" park="" switch<br="" to="" w="">INPUT CIRCUIT LOW (AT MODEL), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0851	Neutral Switch Input Circuit Low (MT Model)	<ref. dtc="" gd(h4do="" hev)-155,="" input<br="" neutral="" o="" p0851="" switch="" to="" w="">CIRCUIT LOW (MT MODEL), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>

GENERAL DESCRIPTION

DTC	Item	Note
P0852	Park/Neutral Switch Input Circuit High (AT Model)	<ref. dtc="" gd(h4do="" hev)-156,="" neutral="" o="" p0852="" park="" switch<br="" to="" w="">INPUT CIRCUIT HIGH (AT MODEL), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0852	Neutral Switch Input Circuit High (MT Model)	<ref. dtc="" gd(h4do="" hev)-157,="" input<br="" neutral="" o="" p0852="" switch="" to="" w="">CIRCUIT HIGH (MT MODEL), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P1160	Return Spring Failure	<ref. dtc="" failure,<br="" gd(h4do="" hev)-158,="" o="" p1160="" return="" spring="" to="" w="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1449	Evaporative Emission Cont. Sys. Air Filter Clog	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-159,="" o="" p1449="" to="" w="">CONT. SYS. AIR FILTER CLOG, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1451	Evaporative Emission Cont. Sys.	<ref. (dtc)="" code="" cont.="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do="" hev)-160,="" o="" p1451="" sys.,="" to="" trouble="" w=""></ref.>
P1492	EGR Solenoid Valve Signal #1 Circuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4do="" hev)-161,="" o="" p1492="" sig-<br="" solenoid="" to="" valve="" w="">NAL #1 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1493	EGR Solenoid Valve Signal #1 Circuit Malfunction (High Input)	<ref. dtc="" egr="" gd(h4do="" hev)-162,="" o="" p1493="" sig-<br="" solenoid="" to="" valve="" w="">NAL #1 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1494	EGR Solenoid Valve Signal #2 Circuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4do="" hev)-163,="" o="" p1494="" sig-<br="" solenoid="" to="" valve="" w="">NAL #2 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1495	EGR Solenoid Valve Signal #2 Circuit Malfunction (High Input)	<ref. dtc="" egr="" gd(h4do="" hev)-163,="" o="" p1495="" sig-<br="" solenoid="" to="" valve="" w="">NAL #2 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1496	EGR Solenoid Valve Signal #3 Circuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4do="" hev)-163,="" o="" p1496="" sig-<br="" solenoid="" to="" valve="" w="">NAL #3 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1497	EGR Solenoid Valve Signal #3 Circuit Malfunction (High Input)	<ref. dtc="" egr="" gd(h4do="" hev)-163,="" o="" p1497="" sig-<br="" solenoid="" to="" valve="" w="">NAL #3 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1498	EGR Solenoid Valve Signal #4 Circuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4do="" hev)-163,="" o="" p1498="" sig-<br="" solenoid="" to="" valve="" w="">NAL #4 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1499	EGR Solenoid Valve Signal #4 Circuit Malfunction (High Input)	<ref. dtc="" egr="" gd(h4do="" hev)-163,="" o="" p1499="" sig-<br="" solenoid="" to="" valve="" w="">NAL #4 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1530	Battery Current Sensor Circuit Low	<ref. battery="" current="" dtc="" gd(h4do="" hev)-164,="" o="" p1530="" sen-<br="" to="" w="">SOR CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1531	Battery Current Sensor Circuit High	<ref. battery="" current="" dtc="" gd(h4do="" hev)-165,="" o="" p1531="" sen-<br="" to="" w="">SOR CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1532	Battery Charging System	<ref. battery="" charging="" dtc="" gd(h4do="" hev)-166,="" o="" p1532="" sys-<br="" to="" w="">TEM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2004	Intake Manifold Runner Control Stuck Open (Bank 1)	<ref. dtc="" gd(h4do="" hev)-168,="" intake="" manifold="" o="" p2004="" runner<br="" to="" w="">CONTROL STUCK OPEN (BANK 1), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P2005	Intake Manifold Runner Control Stuck Open (Bank 2)	<ref. dtc="" gd(h4do="" hev)-169,="" intake="" manifold="" o="" p2005="" runner<br="" to="" w="">CONTROL STUCK OPEN (BANK 2), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P2006	Intake Manifold Runner Control Stuck Closed (Bank 1)	<ref. dtc="" gd(h4do="" hev)-170,="" intake="" manifold="" o="" p2006="" runner<br="" to="" w="">CONTROL STUCK CLOSED (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2007	Intake Manifold Runner Control Stuck Closed (Bank 2)	<ref. dtc="" gd(h4do="" hev)-171,="" intake="" manifold="" o="" p2007="" runner<br="" to="" w="">CONTROL STUCK CLOSED (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

DTC	Item	Note
P2009	Intake Manifold Runner Control Cir- cuit Low (Bank 1)	<ref. dtc="" gd(h4do="" hev)-172,="" intake="" manifold="" o="" p2009="" runner<br="" to="" w="">CONTROL CIRCUIT LOW (BANK 1), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P2012	Intake Manifold Runner Control Cir- cuit Low (Bank 2)	<ref. dtc="" gd(h4do="" hev)-173,="" intake="" manifold="" o="" p2012="" runner<br="" to="" w="">CONTROL CIRCUIT LOW (BANK 2), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P2096	Post Catalyst Fuel Trim System Too Lean (Bank 1)	<ref. catalyst="" dtc="" fuel="" gd(h4do="" hev)-174,="" o="" p2096="" post="" to="" trim<br="" w="">SYSTEM TOO LEAN (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2097	Post Catalyst Fuel Trim System Too Rich (Bank 1)	<ref. catalyst="" dtc="" fuel="" gd(h4do="" hev)-175,="" o="" p2097="" post="" to="" trim<br="" w="">SYSTEM TOO RICH (BANK 1), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P2101	Throttle Actuator Control Motor Circuit Range/Performance	<ref. actuator="" con-<br="" dtc="" gd(h4do="" hev)-176,="" o="" p2101="" throttle="" to="" w="">TROL MOTOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2102	Throttle Actuator Control Motor Circuit Low	<ref. actuator="" con-<br="" dtc="" gd(h4do="" hev)-177,="" o="" p2102="" throttle="" to="" w="">TROL MOTOR CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P2103	Throttle Actuator Control Motor Circuit High	<ref. actuator="" con-<br="" dtc="" gd(h4do="" hev)-178,="" o="" p2103="" throttle="" to="" w="">TROL MOTOR CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P2109	Throttle/Pedal Position Sensor "A" Minimum Stop Performance	<ref. dtc="" gd(h4do="" hev)-179,="" o="" p2109="" pedal="" posi-<br="" throttle="" to="" w="">TION SENSOR "A" MINIMUM STOP PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2119	Throttle Actuator Control Throttle Body Range/Performance	<ref. actuator="" con-<br="" dtc="" gd(h4do="" hev)-180,="" o="" p2119="" throttle="" to="" w="">TROL THROTTLE BODY RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2122	Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input	<ref. dtc="" gd(h4do="" hev)-182,="" o="" p2122="" pedal="" posi-<br="" throttle="" to="" w="">TION SENSOR/SWITCH "D" CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2123	Throttle/Pedal Position Sensor/Switch "D" Circuit High Input	<ref. dtc="" gd(h4do="" hev)-183,="" o="" p2123="" pedal="" posi-<br="" throttle="" to="" w="">TION SENSOR/SWITCH "D" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2127	Throttle/Pedal Position Sensor/Switch "E" Circuit Low Input	<ref. dtc="" gd(h4do="" hev)-184,="" o="" p2127="" pedal="" posi-<br="" throttle="" to="" w="">TION SENSOR/SWITCH "E" CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2128	Throttle/Pedal Position Sensor/Switch "E" Circuit High Input	<ref. dtc="" gd(h4do="" hev)-185,="" o="" p2128="" pedal="" posi-<br="" throttle="" to="" w="">TION SENSOR/SWITCH "E" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2135	Throttle/Pedal Position Sensor/Switch "A"/"B" Voltage Correlation	<ref. dtc="" gd(h4do="" hev)-186,="" o="" p2135="" pedal="" posi-<br="" throttle="" to="" w="">TION SENSOR/SWITCH "A"/"B" VOLTAGE CORRELATION, Diagnostic Trou- ble Code (DTC) Detecting Criteria.></ref.>
P2138	Throttle/Pedal Position Sensor/Switch "D"/"E" Voltage Correlation	<ref. dtc="" gd(h4do="" hev)-188,="" o="" p2138="" pedal="" posi-<br="" throttle="" to="" w="">TION SENSOR/SWITCH "D"/"E" VOLTAGE CORRELATION, Diagnostic Trou- ble Code (DTC) Detecting Criteria.></ref.>
P2195	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1)	<ref. dtc="" gd(h4do="" hev)-190,="" o="" o2="" p2195="" sensor="" signal<br="" to="" w="">BIASED/STUCK LEAN (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2196	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1)	<ref. dtc="" gd(h4do="" hev)-192,="" o="" o2="" p2196="" sensor="" signal<br="" to="" w="">BIASED/STUCK RICH (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P219A	Bank 1 Air-Fuel Ratio Imbalance	<ref. 1="" air-fuel="" bank="" dtc="" gd(h4do="" hev)-194,="" o="" p219a="" ratio<br="" to="" w="">IMBALANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2401	Evaporative Emission System Leak Detection Pump Control Circuit Low	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-202,="" o="" p2401="" to="" w="">SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

GENERAL DESCRIPTION

DTC	Item	Note
P2402	Evaporative Emission System Leak Detection Pump Control Circuit High	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-203,="" o="" p2402="" to="" w="">SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2404	Evaporative Emission System Leak Detection Pump Sense Circuit Range/ Performance	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-204,="" o="" p2404="" to="" w="">SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT RANGE/PERFOR- MANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2419	Evaporative Emission System Switch- ing Valve Control Circuit Low	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-205,="" o="" p2419="" to="" w="">SYSTEM SWITCHING VALVE CONTROL CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2420	Evaporative Emission System Switch- ing Valve Control Circuit High	<ref. dtc="" emission<br="" evaporative="" gd(h4do="" hev)-206,="" o="" p2420="" to="" w="">SYSTEM SWITCHING VALVE CONTROL CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2530	Ignition Switch Run Position Circuit	<ref. dtc="" gd(h4do="" hev)-207,="" ignition="" o="" p2530="" run<br="" switch="" to="" w="">POSITION CIRCUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2610	ECM/PCM Internal Engine Off Timer Performance	<ref. dtc="" ecm="" gd(h4do="" hev)-208,="" internal<br="" o="" p2610="" pcm="" to="" w="">ENGINE OFF TIMER PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0073	Control Module Communication Bus Off	<ref. com-<br="" control="" dtc="" gd(h4do="" hev)-214,="" module="" o="" to="" u0073="" w="">MUNICATION BUS OFF, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0101	Lost Communication With TCM	<ref. communication<br="" dtc="" gd(h4do="" hev)-215,="" lost="" o="" to="" u0101="" w="">WITH TCM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0122	Lost Communication With Vehicle Dynamics Control Module	<ref. communication<br="" dtc="" gd(h4do="" hev)-216,="" lost="" o="" to="" u0122="" w="">WITH VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module	<ref. communication<br="" dtc="" gd(h4do="" hev)-217,="" lost="" o="" to="" u0155="" w="">WITH INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE, Diagnos- tic Trouble Code (DTC) Detecting Criteria.></ref.>
U0402	Invalid Data Received From TCM	<ref. data="" dtc="" gd(h4do="" hev)-218,="" invalid="" o="" received<br="" to="" u0402="" w="">FROM TCM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0416	Invalid Data Received From Vehicle Dynamics Control Module	<ref. data="" dtc="" gd(h4do="" hev)-219,="" invalid="" o="" received<br="" to="" u0416="" w="">FROM VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0423	Invalid Data Received From Instru- ment Panel Cluster Control Module	<ref. data="" dtc="" gd(h4do="" hev)-220,="" invalid="" o="" received<br="" to="" u0423="" w="">FROM INSTRUMENT PANEL CLUSTER CONTROL MODULE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>