A: LIST

DTC	Item	Note
B1570	Antenna	<ref. (dtc).="" antenna,="" b1570="" code="" diagnostic="" dtc="" im(diag)-16,="" procedure="" to="" trouble="" with=""></ref.>
B1571	Reference Code Incompatibility	<ref. b1571="" code="" diagnos-<br="" dtc="" im(diag)-18,="" incompatibility,="" reference="" to="">tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B1572	IMM Circuit Failure (Except Antenna Circuit)	<ref. (except="" antenna="" b1572="" cir-<br="" circuit="" dtc="" failure="" im(diag)-19,="" imm="" to="">CUIT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
B1574	Key Communication Failure	<ref. (dtc).="" b1574="" code="" communication="" diagnostic="" dtc="" failure,="" im(diag)-22,="" 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)-23,="" module="" procedure="" to="" trouble="" with=""></ref.>
B1577	IMM Control Module EEPROM	<ref. (dtc).="" b1577="" code="" control="" diagnostic="" dtc="" eeprom,="" im(diag)-23,="" imm="" module="" procedure="" to="" trouble="" with=""></ref.>
B1578	Meter Failure	<ref. (dtc).="" b1578="" code="" diagnostic="" dtc="" failure,="" im(diag)-24,="" meter="" procedure="" to="" trouble="" with=""></ref.>
P000A	A Camshaft Position Slow Response (Bank 1)	<ref. a="" camshaft="" dtc="" en(h4do="" hev)(diag)-105,="" o="" p000a="" position<br="" to="" w="">SLOW RESPONSE (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P000B	B Camshaft Position Slow Response (Bank 1)	<ref. b="" camshaft="" dtc="" en(h4do="" hev)(diag)-105,="" o="" p000b="" position<br="" to="" w="">SLOW RESPONSE (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P000C	A Camshaft Position Slow Response (Bank 2)	<ref. a="" camshaft="" dtc="" en(h4do="" hev)(diag)-105,="" o="" p000c="" position<br="" to="" w="">SLOW RESPONSE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P000D	B Camshaft Position Slow Response (Bank 2)	<ref. b="" camshaft="" dtc="" en(h4do="" hev)(diag)-105,="" o="" p000d="" position<br="" to="" w="">SLOW RESPONSE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0010	"A" Camshaft Position Actuator Circuit/Open (Bank 1)	<ref. "a"="" camshaft="" dtc="" en(h4do="" hev)(diag)-106,="" o="" p0010="" position<br="" to="" w="">ACTUATOR CIRCUIT/OPEN (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0011	Intake Camshaft Position - Tim- ing Over-Advanced or System Performance (Bank 1)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-108,="" intake="" o="" p0011="" position<br="" to="" w="">- TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0013	B Camshaft Position Actuator Circuit/Open (Bank 1)	<ref. b="" camshaft="" dtc="" en(h4do="" hev)(diag)-109,="" o="" p0013="" position<br="" to="" w="">ACTUATOR CIRCUIT/OPEN (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0014	Exhaust AVCS System 1 (Range/Performance)	<ref. 1<br="" avcs="" dtc="" en(h4do="" exhaust="" hev)(diag)-111,="" o="" p0014="" system="" to="" w="">(RANGE/PERFORMANCE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0016	Crankshaft Position - Camshaft Position Correlation (Bank1)	<ref. -<br="" crankshaft="" dtc="" en(h4do="" hev)(diag)-112,="" o="" p0016="" position="" to="" w="">CAMSHAFT POSITION CORRELATION (BANK1), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0017	Crank and Cam Timing B Sys- tem Failure (Bank 1)	<ref. and="" b<br="" cam="" crank="" dtc="" en(h4do="" hev)(diag)-114,="" o="" p0017="" timing="" to="" w="">SYSTEM FAILURE (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0018	Crankshaft Position - Camshaft Position Correlation (Bank2)	<ref. -<br="" crankshaft="" dtc="" en(h4do="" hev)(diag)-116,="" o="" p0018="" position="" to="" w="">CAMSHAFT POSITION CORRELATION (BANK2), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0019	Crank and Cam Timing B Sys- tem Failure (Bank 2)	<ref. and="" b<br="" cam="" crank="" dtc="" en(h4do="" hev)(diag)-118,="" o="" p0019="" timing="" to="" w="">SYSTEM FAILURE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

DTC	Item	Note
P0020	"A" Camshaft Position Actuator Circuit/Open (Bank 2)	<ref. "a"="" camshaft="" dtc="" en(h4do="" hev)(diag)-120,="" o="" p0020="" position<br="" to="" w="">ACTUATOR CIRCUIT/OPEN (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0021	Intake Camshaft Position - Tim- ing Over-Advanced or System Performance (Bank 2)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-122,="" intake="" o="" p0021="" position<br="" to="" w="">- TIMING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0023	B Camshaft Position Actuator Circuit/Open (Bank 2)	<ref. b="" camshaft="" dtc="" en(h4do="" hev)(diag)-123,="" o="" p0023="" position<br="" to="" w="">ACTUATOR CIRCUIT/OPEN (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0024	Exhaust AVCS System 2 (Range/Performance)	<ref. (dtc).="" (range="" 2="" avcs="" code="" diagnostic="" dtc="" en(h4do="" exhaust="" hev)(diag)-125,="" o="" p0024="" performance),="" procedure="" system="" to="" trouble="" w="" with=""></ref.>
P0030	HO2S Heater Control Circuit (Bank 1 Sensor 1)	<ref. cir-<br="" control="" dtc="" en(h4do="" heater="" hev)(diag)-126,="" ho2s="" o="" p0030="" to="" w="">CUIT (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0031	HO2S Heater Control Circuit Low (Bank 1 Sensor 1)	<ref. cir-<br="" control="" dtc="" en(h4do="" heater="" hev)(diag)-128,="" ho2s="" o="" p0031="" to="" w="">CUIT LOW (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0032	HO2S Heater Control Circuit High (Bank 1 Sensor 1)	<ref. cir-<br="" control="" dtc="" en(h4do="" heater="" hev)(diag)-130,="" ho2s="" o="" p0032="" to="" w="">CUIT HIGH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0037	HO2S Heater Control Circuit Low (Bank 1 Sensor 2)	<ref. cir-<br="" control="" dtc="" en(h4do="" heater="" hev)(diag)-132,="" ho2s="" o="" p0037="" to="" w="">CUIT LOW (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2)	<ref. cir-<br="" control="" dtc="" en(h4do="" heater="" hev)(diag)-134,="" ho2s="" o="" p0038="" to="" w="">CUIT HIGH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0068	MAP/MAF - Throttle Position Correlation	<ref. -="" dtc="" en(h4do="" hev)(diag)-136,="" maf="" map="" o="" p0068="" posi-<br="" throttle="" to="" w="">TION CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0071	Ambient Temperature Sensor Circuit "A" Range/Performance	<ref. ambient="" dtc="" en(h4do="" hev)(diag)-137,="" o="" p0071="" temperature<br="" to="" w="">SENSOR CIRCUIT "A" RANGE/PERFORMANCE, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0072	Ambient Temperature Sensor Circuit "A" Low	<ref. ambient="" dtc="" en(h4do="" hev)(diag)-139,="" o="" p0072="" temperature<br="" to="" w="">SENSOR CIRCUIT "A" LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0073	Ambient Temperature Sensor Circuit "A" High	<ref. ambient="" dtc="" en(h4do="" hev)(diag)-139,="" o="" p0073="" temperature<br="" to="" w="">SENSOR CIRCUIT "A" HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0101	Mass or Volume Air Flow Circuit Range/Performance	<ref. air="" dtc="" en(h4do="" flow<br="" hev)(diag)-140,="" mass="" o="" or="" p0101="" to="" volume="" w="">CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0102	Mass or Volume Air Flow Circuit Low Input	<ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en(h4do="" flow="" hev)(diag)-141,="" input,="" low="" mass="" o="" or="" p0102="" procedure="" to="" trouble="" volume="" w="" with=""></ref.>
P0103	Mass or Volume Air Flow Circuit High Input	<ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en(h4do="" flow="" hev)(diag)-143,="" high="" input,="" mass="" o="" or="" p0103="" procedure="" to="" trouble="" volume="" w="" with=""></ref.>
P0107	Manifold Absolute Pressure/ Barometric Pressure Circuit Low Input	<ref. absolute="" dtc="" en(h4do="" hev)(diag)-145,="" manifold="" o="" p0107="" pres-<br="" to="" w="">SURE/BAROMETRIC PRESSURE CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0108	Manifold Absolute Pressure/ Barometric Pressure Circuit High Input	<ref. absolute="" dtc="" en(h4do="" hev)(diag)-147,="" manifold="" o="" p0108="" pres-<br="" to="" w="">SURE/BAROMETRIC PRESSURE CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0111	Intake Air Temperature Sensor Range/Performance Problem	<ref. air="" dtc="" en(h4do="" hev)(diag)-149,="" intake="" o="" p0111="" temperature<br="" to="" w="">SENSOR RANGE/PERFORMANCE PROBLEM, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
P0112	Intake Air Temperature Sensor 1 Circuit Low	<ref. air="" dtc="" en(h4do="" hev)(diag)-150,="" intake="" o="" p0112="" temperature<br="" to="" w="">SENSOR 1 CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

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DTC	Item	Note
P0113	Intake Air Temperature Sensor 1 Circuit High	<ref. air="" dtc="" en(h4do="" hev)(diag)-152,="" intake="" o="" p0113="" temperature<br="" to="" w="">SENSOR 1 CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Perfor- mance	<ref. coolant="" dtc="" en(h4do="" engine="" hev)(diag)-154,="" o="" p0116="" tempera-<br="" to="" w="">TURE SENSOR 1 CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0117	Engine Coolant Temperature Circuit Low	<ref. coolant="" dtc="" en(h4do="" engine="" hev)(diag)-155,="" o="" p0117="" tempera-<br="" to="" w="">TURE CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0118	Engine Coolant Temperature Circuit High	<ref. coolant="" dtc="" en(h4do="" engine="" hev)(diag)-157,="" o="" p0118="" tempera-<br="" to="" w="">TURE CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0122	Throttle/Pedal Position Sensor/ Switch "A" Circuit Low	<ref. "a"="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h4do="" hev)(diag)-159,="" low,="" o="" p0122="" pedal="" position="" procedure="" sensor="" switch="" throttle="" to="" trouble="" w="" with=""></ref.>
P0123	Throttle/Pedal Position Sensor/ Switch "A" Circuit High	<ref. dtc="" en(h4do="" hev)(diag)-161,="" o="" p0123="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "A" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0125	Insufficient Coolant Tempera- ture for Closed Loop Fuel Con- trol	<ref. coolant<br="" dtc="" en(h4do="" hev)(diag)-163,="" insufficient="" o="" p0125="" to="" w="">TEMPERATURE FOR CLOSED LOOP FUEL CONTROL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0128	Coolant Thermostat (Engine Coolant Temperature Below Thermostat Regulating Tem- perature)	<ref. coolant="" dtc="" en(h4do="" hev)(diag)-164,="" o="" p0128="" thermostat<br="" to="" w="">(ENGINE COOLANT TEMPERATURE BELOW THERMOSTAT REGULATING TEM- PERATURE), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0131	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)	<ref. circuit="" dtc="" en(h4do="" hev)(diag)-165,="" low<br="" o="" o2="" p0131="" sensor="" to="" w="">VOLTAGE (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0132	O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)	<ref. circuit="" dtc="" en(h4do="" hev)(diag)-167,="" high<br="" o="" o2="" p0132="" sensor="" to="" w="">VOLTAGE (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0134	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)	<ref. circuit="" dtc="" en(h4do="" hev)(diag)-169,="" no<br="" o="" o2="" p0134="" sensor="" to="" w="">ACTIVITY DETECTED (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0137	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)	<ref. circuit="" dtc="" en(h4do="" hev)(diag)-171,="" low<br="" o="" o2="" p0137="" sensor="" to="" w="">VOLTAGE (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0138	O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)	<ref. circuit="" dtc="" en(h4do="" hev)(diag)-173,="" high<br="" o="" o2="" p0138="" sensor="" to="" w="">VOLTAGE (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P013A	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2)	<ref. dtc="" en(h4do="" hev)(diag)-175,="" o="" o2="" p013a="" sensor="" slow<br="" to="" w="">RESPONSE - RICH TO LEAN (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P013B	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 2)	<ref. dtc="" en(h4do="" hev)(diag)-177,="" o="" o2="" p013b="" sensor="" slow<br="" to="" w="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P013E	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2)	<ref. delayed<br="" dtc="" en(h4do="" hev)(diag)-177,="" o="" o2="" p013e="" sensor="" to="" w="">RESPONSE - RICH TO LEAN (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P013F	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 2)	<ref. delayed<br="" dtc="" en(h4do="" hev)(diag)-177,="" o="" o2="" p013f="" sensor="" to="" w="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0141	O2 Sensor Heater Circuit	<ref. circuit<="" dtc="" en(h4do="" heater="" hev)(diag)-177,="" o="" o2="" p0141="" sensor="" td="" to="" w=""></ref.>
P014C	(Bank1 Sensor2) O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1)	(BANK1 SENSOR2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).> <ref. dtc="" en(h4do="" hev)(diag)-178,="" o="" o2="" p014c="" sensor="" slow<br="" to="" w="">RESPONSE - RICH TO LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

DTC	Item	Note
P014D	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1)	<ref. dtc="" en(h4do="" hev)(diag)-178,="" o="" o2="" p014d="" sensor="" slow<br="" to="" w="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P015A	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1)	<ref. delayed<br="" dtc="" en(h4do="" hev)(diag)-178,="" o="" o2="" p015a="" sensor="" to="" w="">RESPONSE - RICH TO LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P015B	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 1)	<ref. delayed<br="" dtc="" en(h4do="" hev)(diag)-178,="" o="" o2="" p015b="" sensor="" to="" w="">RESPONSE - LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0171	System Too Lean (Bank 1)	<ref. (bank="" 1),<br="" dtc="" en(h4do="" hev)(diag)-178,="" lean="" o="" p0171="" system="" to="" too="" w="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0172	System Too Rich (Bank 1)	<ref. (bank="" 1),<br="" dtc="" en(h4do="" hev)(diag)-179,="" o="" p0172="" rich="" system="" to="" too="" w="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0196	Engine Oil Temperature Sensor Circuit Range/Performance	<ref. dtc="" en(h4do="" engine="" hev)(diag)-181,="" o="" oil="" p0196="" temperature<br="" to="" w="">SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0197	Engine Oil Temperature Sensor Low	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h4do="" engine="" hev)(diag)-182,="" low,="" o="" oil="" p0197="" procedure="" sensor="" temperature="" to="" trouble="" w="" with=""></ref.>
P0198	Engine Oil Temperature Sensor High	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h4do="" engine="" hev)(diag)-184,="" high,="" o="" oil="" p0198="" procedure="" sensor="" temperature="" to="" trouble="" w="" with=""></ref.>
P0201	Injector #1	<ref. #1,="" diagnostic="" dtc="" en(h4do="" hev)(diag)-186,="" injector="" o="" p0201="" pro-<br="" to="" w="">cedure with Diagnostic Trouble Code (DTC).></ref.>
P0202	Injector #2	<ref. #2,="" diagnostic="" dtc="" en(h4do="" hev)(diag)-188,="" injector="" o="" p0202="" pro-<br="" to="" w="">cedure with Diagnostic Trouble Code (DTC).></ref.>
P0203	Injector #3	<ref. #3,="" diagnostic="" dtc="" en(h4do="" hev)(diag)-188,="" injector="" o="" p0203="" pro-<br="" to="" w="">cedure with Diagnostic Trouble Code (DTC).></ref.>
P0204	Injector #4	<ref. #4,="" diagnostic="" dtc="" en(h4do="" hev)(diag)-188,="" injector="" o="" p0204="" pro-<br="" to="" w="">cedure with Diagnostic Trouble Code (DTC).></ref.>
P0222	Throttle/Pedal Position Sensor/ Switch "B" Circuit Low	<ref. dtc="" en(h4do="" hev)(diag)-189,="" o="" p0222="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "B" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0223	Throttle/Pedal Position Sensor/ Switch "B" Circuit High	<ref. dtc="" en(h4do="" hev)(diag)-191,="" o="" p0223="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "B" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0300	Random/Multiple Cylinder Mis- fire Detected	<ref. cylin-<br="" dtc="" en(h4do="" hev)(diag)-193,="" multiple="" o="" p0300="" random="" to="" w="">DER MISFIRE DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0301	Cylinder 1 Misfire Detected	<ref. 1="" cylinder="" dtc="" en(h4do="" hev)(diag)-197,="" misfire<br="" o="" p0301="" to="" w="">DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0302	Cylinder 2 Misfire Detected	<ref. 2="" cylinder="" dtc="" en(h4do="" hev)(diag)-197,="" misfire<br="" o="" p0302="" to="" w="">DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0303	Cylinder 3 Misfire Detected	<ref. 3="" cylinder="" dtc="" en(h4do="" hev)(diag)-197,="" misfire<br="" o="" p0303="" to="" w="">DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0304	Cylinder 4 Misfire Detected	<ref. 4="" cylinder="" dtc="" en(h4do="" hev)(diag)-198,="" misfire<br="" o="" p0304="" to="" w="">DETECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0327	Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor)	<ref. 1="" circuit<br="" dtc="" en(h4do="" hev)(diag)-202,="" knock="" o="" p0327="" sensor="" to="" w="">LOW (BANK 1 OR SINGLE SENSOR), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0328	Knock Sensor 1 Circuit High (Bank 1 or Single Sensor)	<ref. 1="" circuit<br="" dtc="" en(h4do="" hev)(diag)-204,="" knock="" o="" p0328="" sensor="" to="" w="">HIGH (BANK 1 OR SINGLE SENSOR), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0335	Crankshaft Position Sensor "A" Circuit	<ref. crankshaft="" dtc="" en(h4do="" hev)(diag)-206,="" o="" p0335="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance	<ref. crankshaft="" dtc="" en(h4do="" hev)(diag)-208,="" o="" p0336="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

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DTC	Item	Note
P0340	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sen- sor)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-209,="" o="" p0340="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT (BANK 1 OR SINGLE SENSOR), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0341	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 1 or Single Sensor)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-211,="" o="" p0341="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SENSOR), Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0345	Camshaft Position Sensor "A" Circuit (Bank 2)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-212,="" o="" p0345="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0346	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 2)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-214,="" o="" p0346="" position="" sen-<br="" to="" w="">SOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0351	Ignition Coil A Primary/Second- ary Circuit	<ref. <br="" a="" coil="" dtc="" en(h4do="" hev)(diag)-215,="" ignition="" o="" p0351="" primary="" to="" w="">SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0352	Ignition Coil B Primary/Second- ary Circuit	<ref. <br="" b="" coil="" dtc="" en(h4do="" hev)(diag)-217,="" ignition="" o="" p0352="" primary="" to="" w="">SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0353	Ignition Coil C Primary/Second- ary Circuit	<ref. <br="" c="" coil="" dtc="" en(h4do="" hev)(diag)-217,="" ignition="" o="" p0353="" primary="" to="" w="">SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0354	Ignition Coil D Primary/Second- ary Circuit	<ref. <br="" coil="" d="" dtc="" en(h4do="" hev)(diag)-217,="" ignition="" o="" p0354="" primary="" to="" w="">SECONDARY CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0365	Camshaft Position Sensor "B" Circuit (Bank 1)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-218,="" o="" p0365="" position="" sen-<br="" to="" w="">SOR "B" CIRCUIT (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0366	Camshaft Position Sensor B Circuit Range/Performance (Bank 1)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-220,="" o="" p0366="" position="" sen-<br="" to="" w="">SOR B CIRCUIT RANGE/PERFORMANCE (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0390	Camshaft Position Sensor "B" Circuit (Bank 2)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-221,="" o="" p0390="" position="" sen-<br="" to="" w="">SOR "B" CIRCUIT (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0391	Camshaft Position Sensor B Circuit Range/Performance (Bank 2)	<ref. camshaft="" dtc="" en(h4do="" hev)(diag)-223,="" o="" p0391="" position="" sen-<br="" to="" w="">SOR B CIRCUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0400	Exhaust Gas Recirculation Flow	<ref. dtc="" en(h4do="" exhaust="" gas="" hev)(diag)-224,="" o="" p0400="" recircula-<br="" to="" w="">TION FLOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	<ref. catalyst="" dtc="" effi-<br="" en(h4do="" hev)(diag)-225,="" o="" p0420="" system="" to="" w="">CIENCY BELOW THRESHOLD (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0441	Evaporative Emission Cont. Sys. Incorrect Purge Flow	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-230,="" o="" p0441="" to="" w="">CONT. SYS. INCORRECT PURGE FLOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0451	Evaporative Emission System Pressure Sensor/Switch Range/Performance	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-231,="" o="" p0451="" to="" w="">SYSTEM PRESSURE SENSOR/SWITCH RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0452	Evaporative Emission System Pressure Sensor/Switch Low	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-232,="" o="" p0452="" to="" w="">SYSTEM PRESSURE SENSOR/SWITCH LOW, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
P0453	Evaporative Emission System Pressure Sensor/Switch High	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-234,="" o="" p0453="" to="" w="">SYSTEM PRESSURE SENSOR/SWITCH HIGH, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
P0455	Evaporative Emission System Leak Detected (Large Leak)	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-236,="" o="" p0455="" to="" w="">SYSTEM LEAK DETECTED (LARGE LEAK), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0456	Evaporative Emission Control System Leak Detected (Very Small Leak)	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-237,="" o="" p0456="" to="" w="">CONTROL SYSTEM LEAK DETECTED (VERY SMALL LEAK), Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>

DTC	Item	Note
P0458	Evaporative Emission System Purge Control Valve Circuit Low	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-238,="" o="" p0458="" to="" w="">SYSTEM PURGE CONTROL VALVE CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0459	Evaporative Emission System Purge Control Valve Circuit High	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-241,="" o="" p0459="" to="" w="">SYSTEM PURGE CONTROL VALVE CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0461	Fuel Level Sensor "A" Circuit Range/Performance	<ref. "a"="" cir-<br="" dtc="" en(h4do="" fuel="" hev)(diag)-243,="" level="" o="" p0461="" sensor="" to="" w="">CUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0462	Fuel Level Sensor "A" Circuit Low	<ref. "a"="" cir-<br="" dtc="" en(h4do="" fuel="" hev)(diag)-243,="" level="" o="" p0462="" sensor="" to="" w="">CUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0463	Fuel Level Sensor "A" Circuit High	<ref. "a"="" cir-<br="" dtc="" en(h4do="" fuel="" hev)(diag)-244,="" level="" o="" p0463="" sensor="" to="" w="">CUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0500	Vehicle Speed Sensor "A"	<ref. "a",<br="" dtc="" en(h4do="" hev)(diag)-244,="" o="" p0500="" sensor="" speed="" to="" vehicle="" w="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0506	Idle Air Control System RPM Lower Than Expected	<ref. air="" control="" dtc="" en(h4do="" hev)(diag)-245,="" idle="" o="" p0506="" system<br="" to="" w="">RPM LOWER THAN EXPECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0507	Idle Air Control System RPM Higher Than Expected	<ref. air="" control="" dtc="" en(h4do="" hev)(diag)-246,="" idle="" o="" p0507="" system<br="" to="" w="">RPM HIGHER THAN EXPECTED, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P050A	Cold Start Idle Air Control Sys- tem Performance	<ref. air="" cold="" con-<br="" dtc="" en(h4do="" hev)(diag)-247,="" idle="" o="" p050a="" start="" to="" w="">TROL SYSTEM PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P050B	Cold Start Ignition Timing Per- formance	<ref. cold="" dtc="" en(h4do="" hev)(diag)-255,="" ignition="" o="" p050b="" start="" tim-<br="" to="" w="">ING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0512	Starter Request Circuit	<ref. circuit,<br="" dtc="" en(h4do="" hev)(diag)-256,="" o="" p0512="" request="" starter="" to="" w="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0516	Battery Temperature Sensor Circuit Low	<ref. battery="" dtc="" en(h4do="" hev)(diag)-259,="" o="" p0516="" temperature<br="" to="" w="">SENSOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0517	Battery Temperature Sensor Circuit High	<ref. battery="" dtc="" en(h4do="" hev)(diag)-261,="" o="" p0517="" temperature<br="" to="" w="">SENSOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0560	System Voltage	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h4do="" hev)(diag)-263,="" o="" p0560="" procedure="" system="" to="" trouble="" voltage,="" w="" with=""></ref.>
P0604	Internal Control Module Ran- dom Access Memory (RAM) Error	<ref. control="" dtc="" en(h4do="" hev)(diag)-265,="" internal="" mod-<br="" o="" p0604="" to="" w="">ULE RANDOM ACCESS MEMORY (RAM) ERROR, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. control="" dtc="" en(h4do="" hev)(diag)-265,="" internal="" mod-<br="" o="" p0605="" to="" w="">ULE READ ONLY MEMORY (ROM) ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0606	Control Module Processor	<ref. control="" dtc="" en(h4do="" hev)(diag)-266,="" module="" o="" p0606="" proces-<br="" to="" w="">SOR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P060A	Internal Control Module Moni- toring Processor Performance	<ref. control="" dtc="" en(h4do="" hev)(diag)-267,="" internal="" mod-<br="" o="" p060a="" to="" w="">ULE MONITORING PROCESSOR PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P060B	Internal Control Module A/D Processing Performance	<ref. control="" dtc="" en(h4do="" hev)(diag)-267,="" internal="" mod-<br="" o="" p060b="" to="" w="">ULE A/D PROCESSING PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0616	Starter Relay Circuit Low	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h4do="" hev)(diag)-268,="" low,="" o="" p0616="" procedure="" relay="" starter="" to="" trouble="" w="" with=""></ref.>
P0617	Starter Relay Circuit High	<ref. circuit<br="" dtc="" en(h4do="" hev)(diag)-270,="" o="" p0617="" relay="" starter="" to="" w="">HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P062F	Internal Control Module EEPROM Error	<ref. control="" dtc="" en(h4do="" hev)(diag)-271,="" internal="" mod-<br="" o="" p062f="" to="" w="">ULE EEPROM ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

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DTC	Item	Note
P0685	ECM/PCM Power Relay Control Circuit/Open	<ref. dtc="" ecm="" en(h4do="" hev)(diag)-272,="" o="" p0685="" pcm="" power="" relay<br="" to="" w="">CONTROL CIRCUIT/OPEN, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0700	Transmission Control System (MIL Request)	<ref. control<br="" dtc="" en(h4do="" hev)(diag)-273,="" o="" p0700="" to="" transmission="" w="">SYSTEM (MIL REQUEST), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P081A	Starter Disable Circuit Low	<ref. (dtc).="" circuit="" code="" diagnostic="" disable="" dtc="" en(h4do="" hev)(diag)-274,="" low,="" o="" p081a="" procedure="" starter="" to="" trouble="" w="" with=""></ref.>
P0851	Park/Neutral Switch Input Cir- cuit Low (AT Model)	<ref. dtc="" en(h4do="" hev)(diag)-277,="" neutral="" o="" p0851="" park="" switch<br="" to="" w="">INPUT CIRCUIT LOW (AT MODEL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0851	Neutral Switch Input Circuit Low (MT Model)	<ref. cir-<br="" dtc="" en(h4do="" hev)(diag)-279,="" input="" neutral="" o="" p0851="" switch="" to="" w="">CUIT LOW (MT MODEL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0852	Park/Neutral Switch Input Cir- cuit High (AT Model)	<ref. dtc="" en(h4do="" hev)(diag)-281,="" neutral="" o="" p0852="" park="" switch<br="" to="" w="">INPUT CIRCUIT HIGH (AT MODEL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0852	Neutral Switch Input Circuit High (MT Model)	<ref. cir-<br="" dtc="" en(h4do="" hev)(diag)-283,="" input="" neutral="" o="" p0852="" switch="" to="" w="">CUIT HIGH (MT MODEL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1160	Return Spring Failure	<ref. dtc="" en(h4do="" failure,<br="" hev)(diag)-284,="" o="" p1160="" return="" spring="" to="" w="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1449	Evaporative Emission Cont. Sys. Air Filter Clog	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-285,="" o="" p1449="" to="" w="">CONT. SYS. AIR FILTER CLOG, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1451	Evaporative Emission Cont. Sys.	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-286,="" o="" p1451="" to="" w="">CONT. SYS., Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1492	EGR Solenoid Valve Signal #1 Circuit Malfunction (Low Input)	<ref. dtc="" egr="" en(h4do="" hev)(diag)-287,="" o="" p1492="" sig-<br="" solenoid="" to="" valve="" w="">NAL #1 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1493	EGR Solenoid Valve Signal #1 Circuit Malfunction (High Input)	<ref. dtc="" egr="" en(h4do="" hev)(diag)-287,="" o="" p1493="" sig-<br="" solenoid="" to="" valve="" w="">NAL #1 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1494	EGR Solenoid Valve Signal #2 Circuit Malfunction (Low Input)	<ref. dtc="" egr="" en(h4do="" hev)(diag)-287,="" o="" p1494="" sig-<br="" solenoid="" to="" valve="" w="">NAL #2 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1495	EGR Solenoid Valve Signal #2 Circuit Malfunction (High Input)	<ref. dtc="" egr="" en(h4do="" hev)(diag)-287,="" o="" p1495="" sig-<br="" solenoid="" to="" valve="" w="">NAL #2 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1496	EGR Solenoid Valve Signal #3 Circuit Malfunction (Low Input)	<ref. dtc="" egr="" en(h4do="" hev)(diag)-287,="" o="" p1496="" sig-<br="" solenoid="" to="" valve="" w="">NAL #3 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1497	EGR Solenoid Valve Signal #3 Circuit Malfunction (High Input)	<ref. dtc="" egr="" en(h4do="" hev)(diag)-287,="" o="" p1497="" sig-<br="" solenoid="" to="" valve="" w="">NAL #3 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1498	EGR Solenoid Valve Signal #4 Circuit Malfunction (Low Input)	<ref. dtc="" egr="" en(h4do="" hev)(diag)-288,="" o="" p1498="" sig-<br="" solenoid="" to="" valve="" w="">NAL #4 CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1499	EGR Solenoid Valve Signal #4 Circuit Malfunction (High Input)	<ref. dtc="" egr="" en(h4do="" hev)(diag)-291,="" o="" p1499="" sig-<br="" solenoid="" to="" valve="" w="">NAL #4 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1530	Battery Current Sensor Circuit Low	<ref. (dtc).="" battery="" circuit="" code="" current="" diagnostic="" dtc="" en(h4do="" hev)(diag)-294,="" low,="" o="" p1530="" procedure="" sensor="" to="" trouble="" w="" with=""></ref.>
P1531	Battery Current Sensor Circuit High	<ref. battery="" current="" dtc="" en(h4do="" hev)(diag)-296,="" o="" p1531="" sensor<br="" to="" w="">CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

DTC	Item	Note
P1532	Battery Charging System	<ref. battery="" charging="" dtc="" en(h4do="" hev)(diag)-298,="" o="" p1532="" sys-<br="" to="" w="">TEM, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2004	Intake Manifold Runner Control Stuck Open (Bank 1)	<ref. dtc="" en(h4do="" hev)(diag)-301,="" intake="" manifold="" o="" p2004="" runner<br="" to="" w="">CONTROL STUCK OPEN (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2005	Intake Manifold Runner Control Stuck Open (Bank 2)	<ref. dtc="" en(h4do="" hev)(diag)-301,="" intake="" manifold="" o="" p2005="" runner<br="" to="" w="">CONTROL STUCK OPEN (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2006	Intake Manifold Runner Control Stuck Closed (Bank 1)	<ref. dtc="" en(h4do="" hev)(diag)-302,="" intake="" manifold="" o="" p2006="" runner<br="" to="" w="">CONTROL STUCK CLOSED (BANK 1), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P2007	Intake Manifold Runner Control Stuck Closed (Bank 2)	<ref. dtc="" en(h4do="" hev)(diag)-303,="" intake="" manifold="" o="" p2007="" runner<br="" to="" w="">CONTROL STUCK CLOSED (BANK 2), Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P2009	Intake Manifold Runner Control Circuit Low (Bank 1)	<ref. dtc="" en(h4do="" hev)(diag)-304,="" intake="" manifold="" o="" p2009="" runner<br="" to="" w="">CONTROL CIRCUIT LOW (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2012	Intake Manifold Runner Control Circuit Low (Bank 2)	<ref. dtc="" en(h4do="" hev)(diag)-306,="" intake="" manifold="" o="" p2012="" runner<br="" to="" w="">CONTROL CIRCUIT LOW (BANK 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2096	Post Catalyst Fuel Trim System Too Lean (Bank 1)	<ref. catalyst="" dtc="" en(h4do="" fuel="" hev)(diag)-308,="" o="" p2096="" post="" to="" trim<br="" w="">SYSTEM TOO LEAN (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2097	Post Catalyst Fuel Trim System Too Rich (Bank 1)	<ref. catalyst="" dtc="" en(h4do="" fuel="" hev)(diag)-314,="" o="" p2097="" post="" to="" trim<br="" w="">SYSTEM TOO RICH (BANK 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2101	Throttle Actuator Control Motor Circuit Range/Performance	<ref. actuator="" con-<br="" dtc="" en(h4do="" hev)(diag)-320,="" o="" p2101="" throttle="" to="" w="">TROL MOTOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P2102	Throttle Actuator Control Motor Circuit Low	<ref. actuator="" con-<br="" dtc="" en(h4do="" hev)(diag)-325,="" o="" p2102="" throttle="" to="" w="">TROL MOTOR CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2103	Throttle Actuator Control Motor Circuit High	<ref. actuator="" con-<br="" dtc="" en(h4do="" hev)(diag)-327,="" o="" p2103="" throttle="" to="" w="">TROL MOTOR CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2109	Throttle/Pedal Position Sensor "A" Minimum Stop Performance	<ref. dtc="" en(h4do="" hev)(diag)-328,="" o="" p2109="" pedal="" position<br="" throttle="" to="" w="">SENSOR "A" MINIMUM STOP PERFORMANCE, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P2119	Throttle Actuator Control Throt- tle Body Range/Performance	<ref. actuator="" con-<br="" dtc="" en(h4do="" hev)(diag)-328,="" o="" p2119="" throttle="" to="" w="">TROL THROTTLE BODY RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2122	Throttle/Pedal Position Sensor/ Switch "D" Circuit Low Input	<ref. dtc="" en(h4do="" hev)(diag)-329,="" o="" p2122="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "D" CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2123	Throttle/Pedal Position Sensor/ Switch "D" Circuit High Input	<ref. dtc="" en(h4do="" hev)(diag)-331,="" o="" p2123="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "D" CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2127	Throttle/Pedal Position Sensor/ Switch "E" Circuit Low Input	<ref. dtc="" en(h4do="" hev)(diag)-333,="" o="" p2127="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "E" CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2128	Throttle/Pedal Position Sensor/ Switch "E" Circuit High Input	<ref. dtc="" en(h4do="" hev)(diag)-335,="" o="" p2128="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "E" CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2135	Throttle/Pedal Position Sensor/ Switch "A"/"B" Voltage Correla- tion	<ref. dtc="" en(h4do="" hev)(diag)-337,="" o="" p2135="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "A"/"B" VOLTAGE CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

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DTC	Item	Note
P2138	Throttle/Pedal Position Sensor/ Switch "D"/"E" Voltage Correla- tion	<ref. dtc="" en(h4do="" hev)(diag)-340,="" o="" p2138="" pedal="" position<br="" throttle="" to="" w="">SENSOR/SWITCH "D"/"E" VOLTAGE CORRELATION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2195	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1)	<ref. <br="" biased="" dtc="" en(h4do="" hev)(diag)-342,="" o="" o2="" p2195="" sensor="" signal="" to="" w="">STUCK LEAN (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2196	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1)	<ref. <br="" biased="" dtc="" en(h4do="" hev)(diag)-344,="" o="" o2="" p2196="" sensor="" signal="" to="" w="">STUCK RICH (BANK 1 SENSOR 1), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P219A	Bank 1 Air-Fuel Ratio Imbal- ance	<ref. 1="" air-fuel="" bank="" dtc="" en(h4do="" hev)(diag)-346,="" o="" p219a="" ratio<br="" to="" w="">IMBALANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2270	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 2)	<ref. <br="" biased="" dtc="" en(h4do="" hev)(diag)-357,="" o="" o2="" p2270="" sensor="" signal="" to="" w="">STUCK LEAN (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2271	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 2)	<ref. <br="" biased="" dtc="" en(h4do="" hev)(diag)-359,="" o="" o2="" p2271="" sensor="" signal="" to="" w="">STUCK RICH (BANK 1 SENSOR 2), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2401	Evaporative Emission System Leak Detection Pump Control Circuit Low	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-361,="" o="" p2401="" to="" w="">SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT LOW, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P2402	Evaporative Emission System Leak Detection Pump Control Circuit High	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-364,="" o="" p2402="" to="" w="">SYSTEM LEAK DETECTION PUMP CONTROL CIRCUIT HIGH, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P2404	Evaporative Emission System Leak Detection Pump Sense Circuit Range/Performance	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-366,="" o="" p2404="" to="" w="">SYSTEM LEAK DETECTION PUMP SENSE CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2419	Evaporative Emission System Switching Valve Control Circuit Low	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-370,="" o="" p2419="" to="" w="">SYSTEM SWITCHING VALVE CONTROL CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2420	Evaporative Emission System Switching Valve Control Circuit High	<ref. dtc="" emission<br="" en(h4do="" evaporative="" hev)(diag)-373,="" o="" p2420="" to="" w="">SYSTEM SWITCHING VALVE CONTROL CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2530	Ignition Switch Run Position Circuit	<ref. dtc="" en(h4do="" hev)(diag)-375,="" ignition="" o="" p2530="" posi-<br="" run="" switch="" to="" w="">TION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P2610	ECM/PCM Internal Engine Off Timer Performance	<ref. dtc="" ecm="" en(h4do="" engine<br="" hev)(diag)-377,="" internal="" o="" p2610="" pcm="" to="" w="">OFF TIMER PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
U0073	Control Module Communication Bus Off	<ref. commu-<br="" control="" dtc="" en(h4do="" hev)(diag)-378,="" module="" o="" to="" u0073="" w="">NICATION BUS OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
U0101	Lost Communication With TCM	<ref. (dtc).="" code="" communication="" diagnostic="" dtc="" en(h4do="" hev)(diag)-378,="" lost="" o="" procedure="" tcm,="" to="" trouble="" u0101="" w="" with=""></ref.>
U0122	Lost Communication With Vehi- cle Dynamics Control Module	<ref. (dtc).="" code="" communication="" control="" diagnostic="" dtc="" dynamics="" en(h4do="" hev)(diag)-378,="" lost="" module,="" o="" procedure="" to="" trouble="" u0122="" vehicle="" w="" with=""></ref.>
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module	<ref. communication="" dtc="" en(h4do="" hev)(diag)-378,="" lost="" o="" to="" u0155="" w="" with<br="">INSTRUMENT PANEL CLUSTER (IPC) CONTROL MODULE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
U0402	Invalid Data Received From TCM	<ref. (dtc).="" code="" data="" diagnostic="" dtc="" en(h4do="" from="" hev)(diag)-378,="" invalid="" o="" procedure="" received="" tcm,="" to="" trouble="" u0402="" w="" with=""></ref.>
U0416	Invalid Data Received From Vehicle Dynamics Control Mod- ule	<ref. data="" dtc="" en(h4do="" hev)(diag)-378,="" invalid="" o="" received<br="" to="" u0416="" w="">FROM VEHICLE DYNAMICS CONTROL MODULE, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
U0423	Invalid Data Received From Instrument Panel Cluster Con- trol Module	<ref. data="" dtc="" en(h4do="" hev)(diag)-378,="" invalid="" o="" received<br="" to="" u0423="" w="">FROM INSTRUMENT PANEL CLUSTER CONTROL MODULE, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>