1. List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Itom	Indov
DTC	Item	Index
P000A	A Camshaft Position Slow Response (Bank 1)	<ref. a="" camshaft="" dtc="" gd(h4do)-11,="" p000a="" position="" slow<br="" to="">RESPONSE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P000B	B Camshaft Position Slow Response	<ref. b="" camshaft="" dtc="" gd(h4do)-13,="" p="" p000b="" position="" slow<="" to=""> RESPONSE (BANK 1) Diagnostic Trouble Code (DTC) Detecting Criteria</ref.>
DOOOO	(Bank 1)	RESPONSE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P000C	A Camshaft Position Slow Response (Bank 2)	<ref. a="" camshaft="" dtc="" gd(h4do)-15,="" p000c="" position="" slow<br="" to="">RESPONSE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P000D	B Camshaft Position Slow Response	<ref. b="" camshaft="" dtc="" gd(h4do)-15,="" p000d="" position="" slow<="" td="" to=""></ref.>
	(Bank 2)	RESPONSE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0011	Intake Camshaft Position - Timing	<ref. -="" camshaft="" dtc="" gd(h4do)-16,="" intake="" p0011="" position="" td="" tim-<="" to=""></ref.>
	Over-Advanced or System Perfor-	ING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 1), Diagnostic
	mance (Bank 1)	Trouble Code (DTC) Detecting Criteria.>
P0014	Exhaust AVCS System 1 (Range/Performance)	<ref. (range="" 1="" <br="" avcs="" dtc="" exhaust="" gd(h4do)-18,="" p0014="" system="" to="">PERFORMANCE), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0016	Crankshaft Position - Camshaft Posi-	<ref. -="" camshaft<="" crankshaft="" dtc="" gd(h4do)-19,="" p="" p0016="" position="" to=""></ref.>
1 0010	tion Correlation (Bank1)	POSITION CORRELATION (BANK1), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0017	Crank and Cam Timing B System	<ref. and="" b="" cam="" crank="" dtc="" gd(h4do)-20,="" p="" p0017="" system<="" timing="" to=""></ref.>
	Failure (Bank 1)	FAILURE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0018	Crankshaft Position - Camshaft Posi-	<ref. -="" camshaft<="" crankshaft="" dtc="" gd(h4do)-21,="" p0018="" position="" td="" to=""></ref.>
	tion Correlation (Bank2)	POSITION CORRELATION (BANK2), Diagnostic Trouble Code (DTC) Detect-
		ing Criteria.>
P0019	Crank and Cam Timing B System	<ref. and="" b="" cam="" crank="" dtc="" gd(h4do)-21,="" p0019="" system<="" td="" timing="" to=""></ref.>
	Failure (Bank 2)	FAILURE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0021	Intake Camshaft Position - Timing	<ref. -="" camshaft="" dtc="" gd(h4do)-21,="" intake="" p0021="" position="" td="" tim-<="" to=""></ref.>
	Over-Advanced or System Perfor-	ING OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 2), Diagnostic
	mance (Bank 2)	Trouble Code (DTC) Detecting Criteria.>
P0024	Exhaust AVCS System 2 (Range/Performance)	<ref. (range="" 2="" <br="" avcs="" dtc="" exhaust="" gd(h4do)-21,="" p0024="" system="" to="">PERFORMANCE), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0030	HO2S Heater Control Circuit (Bank 1	<ref. circuit<="" control="" dtc="" gd(h4do)-22,="" heater="" ho2s="" p0030="" td="" to=""></ref.>
	Sensor 1)	(BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0031	HO2S Heater Control Circuit Low	<ref. circuit<="" control="" dtc="" gd(h4do)-24,="" heater="" ho2s="" p0031="" td="" to=""></ref.>
	(Bank 1 Sensor 1)	LOW (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Crite-
		ria.>
P0032	HO2S Heater Control Circuit High	<ref. circuit<="" control="" dtc="" gd(h4do)-26,="" heater="" ho2s="" p0032="" td="" to=""></ref.>
	(Bank 1 Sensor 1)	HIGH (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Crite-
		ria.>
P0037	HO2S Heater Control Circuit Low	<ref. circuit<="" control="" dtc="" gd(h4do)-28,="" heater="" ho2s="" p0037="" td="" to=""></ref.>
	(Bank 1 Sensor 2)	LOW (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Crite-
D0000	1100011	ria.>
P0038	HO2S Heater Control Circuit High	<ref. circuit<="" control="" dtc="" gd(h4do)-30,="" heater="" ho2s="" p="" p0038="" to=""> HIGH (BANK 1 SENSOR 8) Picture stip Trouble Code (PTC) Petersties Crite</ref.>
	(Bank 1 Sensor 2)	HIGH (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
DOUGO	MAD/MAE Throttle Position Correla	
P0068	MAP/MAF - Throttle Position Correlation	<ref. -="" dtc="" gd(h4do)-32,="" maf="" map="" p0068="" position<br="" throttle="" to="">CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
D0101	Mass or Volume Air Flow Circuit	<ref. air="" cir-<="" dtc="" flow="" gd(h4do)-35,="" mass="" or="" p="" p0101="" to="" volume=""></ref.>
P0101	Range/Performance	CUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting
	range/renormance	Criteria.>
P0102	Mass or Volume Air Flow Circuit Low	<ref. air="" cir-<="" dtc="" flow="" gd(h4do)-38,="" mass="" or="" p="" p0102="" to="" volume=""></ref.>
. 0.02	Input	CUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0103	Mass or Volume Air Flow Circuit High	<ref. air="" cir-<="" dtc="" flow="" gd(h4do)-40,="" mass="" or="" p="" p0103="" to="" volume=""></ref.>
	Input	CUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.>
	1	, , , , , , , , , , , , , , , , , , , ,

DTC	Item	Index
P0107	Manifold Absolute Pressure/Barometric Pressure Circuit Low Input	<ref. <br="" absolute="" dtc="" gd(h4do)-42,="" manifold="" p0107="" pressure="" to="">BAROMETRIC PRESSURE CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0108	Manifold Absolute Pressure/Baromet- ric Pressure Circuit High Input	<ref. <br="" absolute="" dtc="" gd(h4do)-44,="" manifold="" p0108="" pressure="" to="">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)-46,="" intake="" p0111="" sensor<br="" temperature="" to="">RANGE/PERFORMANCE PROBLEM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0112	Intake Air Temperature Sensor 1 Circuit Low	<ref. air="" dtc="" gd(h4do)-48,="" intake="" p0112="" sensor<br="" temperature="" to="">1 CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0113	Intake Air Temperature Sensor 1 Circuit High	<ref. (dtc)="" 1="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-50,="" high,="" intake="" p0113="" sensor="" temperature="" to="" trouble=""></ref.>
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Performance	<ref. coolant="" dtc="" engine="" gd(h4do)-52,="" p0116="" temperature<br="" to="">SENSOR 1 CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0117	Engine Coolant Temperature Circuit Low	<ref. coolant="" dtc="" engine="" gd(h4do)-54,="" p0117="" temperature<br="" to="">CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0118	Engine Coolant Temperature Circuit High	<ref. (dtc)="" circuit="" code="" coolant="" criteria.="" detecting="" diagnostic="" dtc="" engine="" gd(h4do)-56,="" high,="" p0118="" temperature="" to="" trouble=""></ref.>
P0122	Throttle/Pedal Position Sensor/Switch "A" Circuit Low	<ref. dtc="" gd(h4do)-58,="" p0122="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "A" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0123	Throttle/Pedal Position Sensor/Switch "A" Circuit High	<ref. dtc="" gd(h4do)-60,="" p0123="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "A" CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0125	Insufficient Coolant Temperature for Closed Loop Fuel Control	<ref. (dtc)="" closed="" code="" control,="" coolant="" criteria.="" detecting="" diagnostic="" dtc="" for="" fuel="" gd(h4do)-62,="" insufficient="" loop="" p0125="" temperature="" to="" trouble=""></ref.>
P0128	Coolant Thermostat (Engine Coolant Temperature Below Thermostat Reg- ulating Temperature)	<ref. (dtc)="" (engine="" below="" code="" coolant="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-64,="" p0128="" regulating="" temperature="" temperature),="" thermostat="" to="" trouble=""></ref.>
P0131	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-68,="" low="" o2="" p0131="" sensor="" to="" trouble="" voltage=""></ref.>
P0132	O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-70,="" high="" o2="" p0132="" sensor="" to="" trouble="" voltage=""></ref.>
P0134	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" activity="" circuit="" code="" criteria.="" detected="" detecting="" diagnostic="" dtc="" gd(h4do)-72,="" no="" o2="" p0134="" sensor="" to="" trouble=""></ref.>
P0137	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" 1="" 2),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-74,="" low="" o2="" p0137="" sensor="" to="" trouble="" voltage=""></ref.>
P0138	O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" 1="" 2),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-76,="" high="" o2="" p0138="" sensor="" to="" trouble="" voltage=""></ref.>
P013A	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" -="" 1="" 2),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-77,="" lean="" o2="" p013a="" response="" rich="" sensor="" slow="" to="" trouble=""></ref.>
P013B	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" -="" 1="" 2),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-79,="" lean="" o2="" p013b="" response="" rich="" sensor="" slow="" to="" trouble=""></ref.>
P013E	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2)	<ref. -<br="" delayed="" dtc="" gd(h4do)-81,="" o2="" p013e="" response="" sensor="" to="">RICH TO LEAN (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P013F	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" -="" 1="" 2),="" code="" criteria.="" delayed="" detecting="" diagnostic="" dtc="" gd(h4do)-83,="" lean="" o2="" p013f="" response="" rich="" sensor="" to="" trouble=""></ref.>

DTC	Item	Index
P0140	O2 Sensor Circuit No Activity Detected (Bank1 Sensor2)	<ref. (bank1="" (dtc)="" activity="" circuit="" code="" criteria.="" detected="" detecting="" diagnostic="" dtc="" gd(h4do)-85,="" no="" o2="" p0140="" sensor="" sensor2),="" to="" trouble=""></ref.>
P0141	O2 Sensor Heater Circuit (Bank1 Sensor2)	<ref. (bank1="" (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-87,="" heater="" o2="" p0141="" sensor="" sensor2),="" to="" trouble=""></ref.>
P014C	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1)	<ref. -="" dtc="" gd(h4do)-89,="" o2="" p014c="" response="" rich<br="" sensor="" slow="" to="">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. -<br="" dtc="" gd(h4do)-92,="" o2="" p014d="" response="" sensor="" slow="" to="">LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P015A	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1)	<ref. -<br="" delayed="" dtc="" gd(h4do)-93,="" o2="" p015a="" response="" sensor="" to="">RICH TO LEAN (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P015B	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 1)	<ref. -<br="" delayed="" dtc="" gd(h4do)-99,="" o2="" p015b="" response="" sensor="" to="">LEAN TO RICH (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0171	System Too Lean (Bank 1)	<ref. (bank="" (dtc)="" 1),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-100,="" lean="" p0171="" system="" to="" too="" trouble=""></ref.>
P0172	System Too Rich (Bank 1)	<ref. (bank="" (dtc)="" 1),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-102,="" p0172="" rich="" system="" to="" too="" trouble=""></ref.>
P0196	Engine Oil Temperature Sensor Circuit Range/Performance	<ref. dtc="" engine="" gd(h4do)-104,="" oil="" p0196="" sen-<br="" temperature="" to="">SOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0197	Engine Oil Temperature Sensor Low	<ref. dtc="" engine="" gd(h4do)-106,="" oil="" p0197="" sen-<br="" temperature="" to="">SOR LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0198	Engine Oil Temperature Sensor High	<ref. dtc="" engine="" gd(h4do)-108,="" oil="" p0198="" sen-<br="" temperature="" to="">SOR HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0201	Injector #1	<ref. #1,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-110,="" injector="" p0201="" to="" trouble=""></ref.>
P0202	Injector #2	<ref. #2,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-111,="" injector="" p0202="" to="" trouble=""></ref.>
P0203	Injector #3	<ref. #3,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-111,="" injector="" p0203="" to="" trouble=""></ref.>
P0204	Injector #4	<ref. #4,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-111,="" injector="" p0204="" to="" trouble=""></ref.>
P0222	Throttle/Pedal Position Sensor/Switch "B" Circuit Low	<ref. dtc="" gd(h4do)-112,="" p0222="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "B" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0223	Throttle/Pedal Position Sensor/Switch "B" Circuit High	<ref. dtc="" gd(h4do)-114,="" p0223="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "B" CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0300	Random/Multiple Cylinder Misfire Detected	<ref. cylinder="" dtc="" gd(h4do)-115,="" mis-<br="" multiple="" p0300="" random="" to="">FIRE DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0301	Cylinder 1 Misfire Detected	<ref. (dtc)="" 1="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(h4do)-116,="" misfire="" p0301="" to="" trouble=""></ref.>
P0302	Cylinder 2 Misfire Detected	<ref. 2="" cylinder="" detected,<br="" dtc="" gd(h4do)-125,="" misfire="" p0302="" to="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0303	Cylinder 3 Misfire Detected	<ref. 3="" cylinder="" detected,<br="" dtc="" gd(h4do)-125,="" misfire="" p0303="" to="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0304	Cylinder 4 Misfire Detected	<ref. 4="" cylinder="" detected,<br="" dtc="" gd(h4do)-125,="" misfire="" p0304="" to="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0327	Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor)	<ref. (bank="" (dtc)="" 1="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-126,="" knock="" low="" or="" p0327="" sensor="" sensor),="" single="" to="" trouble=""></ref.>

DTC	Item	Index
P0328	Knock Sensor 1 Circuit High (Bank 1 or Single Sensor)	<ref. (bank="" (dtc)="" 1="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-128,="" high="" knock="" or="" p0328="" sensor="" sensor),="" single="" to="" trouble=""></ref.>
P0335	Crankshaft Position Sensor "A" Circuit	<ref. crankshaft="" dtc="" gd(h4do)-130,="" p0335="" position="" sensor<br="" to="">"A" CIRCUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance	<ref. crankshaft="" dtc="" gd(h4do)-132,="" p0336="" position="" sensor<br="" to="">"A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0340	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)	<ref. "a"="" (bank="" (dtc)="" 1="" camshaft="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-134,="" or="" p0340="" position="" sensor="" sensor),="" single="" to="" trouble=""></ref.>
P0341	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 1 or Single Sensor)	<ref. "a"="" (bank="" (dtc)="" 1="" camshaft="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-136,="" or="" p0341="" performance="" position="" range="" sensor="" sensor),="" single="" to="" trouble=""></ref.>
P0345	Camshaft Position Sensor "A" Circuit (Bank 2)	<ref. "a"="" (bank="" (dtc)="" 2),="" camshaft="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-138,="" p0345="" position="" sensor="" to="" trouble=""></ref.>
P0346	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 2)	<ref. "a"="" (bank="" (dtc)="" 2),="" camshaft="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-138,="" p0346="" performance="" position="" range="" sensor="" to="" trouble=""></ref.>
P0351	Ignition Coil A Primary/Secondary Circuit	<ref. (dtc)="" a="" circuit,="" code="" coil="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-139,="" ignition="" p0351="" primary="" second-ary="" to="" trouble=""></ref.>
P0352	Ignition Coil B Primary/Secondary Circuit	<ref. (dtc)="" b="" circuit,="" code="" coil="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-140,="" ignition="" p0352="" primary="" second-ary="" to="" trouble=""></ref.>
P0353	Ignition Coil C Primary/Secondary Circuit	<ref. (dtc)="" c="" circuit,="" code="" coil="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-140,="" ignition="" p0353="" primary="" second-ary="" to="" trouble=""></ref.>
P0354	Ignition Coil D Primary/Secondary Circuit	<ref. (dtc)="" circuit,="" code="" coil="" criteria.="" d="" detecting="" diagnostic="" dtc="" gd(h4do)-140,="" ignition="" p0354="" primary="" second-ary="" to="" trouble=""></ref.>
P0365	Camshaft Position Sensor "B" Circuit (Bank 1)	<ref. "b"="" (bank="" (dtc)="" 1),="" camshaft="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-141,="" p0365="" position="" sensor="" to="" trouble=""></ref.>
P0366	Camshaft Position Sensor B Circuit Range/Performance (Bank 1)	<ref. (bank="" (dtc)="" 1),="" b="" camshaft="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-143,="" p0366="" performance="" position="" range="" sensor="" to="" trouble=""></ref.>
P0390	Camshaft Position Sensor "B" Circuit (Bank 2)	<ref. "b"="" (bank="" (dtc)="" 2),="" camshaft="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-145,="" p0390="" position="" sensor="" to="" trouble=""></ref.>
P0391	Camshaft Position Sensor B Circuit Range/Performance (Bank 2)	<ref. (bank="" (dtc)="" 2),="" b="" camshaft="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-145,="" p0391="" performance="" position="" range="" sensor="" to="" trouble=""></ref.>
P0400	Exhaust Gas Recirculation Flow	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" flow,="" gas="" gd(h4do)-146,="" p0400="" recirculation="" to="" trouble=""></ref.>
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	<ref. catalyst="" dtc="" efficiency<br="" gd(h4do)-149,="" p0420="" system="" to="">BELOW THRESHOLD (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0441	Evaporative Emission Cont. Sys. Incorrect Purge Flow	<ref. (dtc)="" code="" cont.="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" flow,="" gd(h4do)-151,="" incorrect="" p0441="" purge="" sys.="" to="" trouble=""></ref.>
P0451	Evaporative Emission System Pressure Sensor/Switch Range/Performance	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-154,="" p0451="" performance,="" pressure="" range="" sensor="" switch="" system="" to="" trouble=""></ref.>
P0452	Evaporative Emission System Pressure Sensor/Switch Low	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-156,="" low,="" p0452="" pressure="" sensor="" switch="" system="" to="" trouble=""></ref.>
P0453	Evaporative Emission System Pressure Sensor/Switch High	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-158,="" high,="" p0453="" pressure="" sensor="" switch="" system="" to="" trouble=""></ref.>

List of Diagnostic Trouble Code (DTC)

DTC	Item	Index
P0455	Evaporative Emission System Leak Detected (Large Leak)	<ref. (dtc)="" (large="" code="" criteria.="" detected="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-160,="" leak="" leak),="" p0455="" system="" to="" trouble=""></ref.>
P0456	Evaporative Emission Control System Leak Detected (Very Small Leak)	<ref. control<br="" dtc="" emission="" evaporative="" gd(h4do)-166,="" p0456="" to="">SYSTEM LEAK DETECTED (VERY SMALL LEAK), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0458	Evaporative Emission System Purge Control Valve Circuit Low	<ref. dtc="" emission="" evaporative="" gd(h4do)-167,="" p0458="" system<br="" to="">PURGE CONTROL VALVE CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0459	Evaporative Emission System Purge Control Valve Circuit High	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-169,="" high,="" p0459="" purge="" system="" to="" trouble="" valve=""></ref.>
P0461	Fuel Level Sensor "A" Circuit Range/ Performance	<ref. "a"="" (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(h4do)-171,="" level="" p0461="" performance,="" range="" sensor="" to="" trouble=""></ref.>
P0462	Fuel Level Sensor "A" Circuit Low	<ref. "a"="" (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(h4do)-173,="" level="" low,="" p0462="" sensor="" to="" trouble=""></ref.>
P0463	Fuel Level Sensor "A" Circuit High	<ref. "a"="" (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(h4do)-175,="" high,="" level="" p0463="" sensor="" to="" trouble=""></ref.>
P0500	Vehicle Speed Sensor "A"	<ref. "a",="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-177,="" p0500="" sensor="" speed="" to="" trouble="" vehicle=""></ref.>
P0506	Idle Air Control System RPM Lower Than Expected	<ref. (dtc)="" air="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" expected,="" gd(h4do)-178,="" idle="" lower="" p0506="" rpm="" system="" than="" to="" trouble=""></ref.>
P0507	Idle Air Control System RPM Higher Than Expected	<ref. (dtc)="" air="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" expected,="" gd(h4do)-179,="" higher="" idle="" p0507="" rpm="" system="" than="" to="" trouble=""></ref.>
P050A	Cold Start Idle Air Control System Performance	<ref. (dtc)="" air="" code="" cold="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-180,="" idle="" p050a="" performance,="" start="" system="" to="" trouble=""></ref.>
P050B	Cold Start Ignition Timing Performance	<ref. (dtc)="" code="" cold="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-183,="" ignition="" p050b="" per-formance,="" start="" timing="" to="" trouble=""></ref.>
P0513	Incorrect Immobilizer Key	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-184,="" immobilizer="" incorrect="" key,="" p0513="" to="" trouble=""></ref.>
P0516	Battery Temperature Sensor Circuit Low	<ref. (dtc)="" battery="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-185,="" low,="" p0516="" sensor="" temperature="" to="" trouble=""></ref.>
P0517	Battery Temperature Sensor Circuit High	<ref. (dtc)="" battery="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-187,="" high,="" p0517="" sensor="" temperature="" to="" trouble=""></ref.>
P0560	System Voltage	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-189,="" p0560="" system="" to="" trouble="" voltage,=""></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. control="" dtc="" gd(h4do)-190,="" internal="" module="" p0604="" ran-<br="" to="">DOM ACCESS MEMORY (RAM) ERROR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. (dtc)="" (rom)="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" error,="" gd(h4do)-191,="" internal="" memory="" module="" only="" p0605="" read="" to="" trouble=""></ref.>
P0606	Control Module Processor	<ref. control="" dtc="" gd(h4do)-192,="" module="" p0606="" processor,<br="" to="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P060A	Internal Control Module Monitoring Processor Performance	<ref. (dtc)="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-194,="" internal="" module="" mon-itoring="" p060a="" performance,="" processor="" to="" trouble=""></ref.>
P060B	Internal Control Module A/D Processing Performance	<ref. (dtc)="" a="" code="" control="" criteria.="" d="" detecting="" diagnostic="" dtc="" gd(h4do)-196,="" internal="" module="" p060b="" performance,="" processing="" to="" trouble=""></ref.>
P0616	Starter Relay Circuit Low	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-198,="" low,="" p0616="" relay="" starter="" to="" trouble=""></ref.>

DTC	Item	Index
P0617	Starter Relay Circuit High	<ref. circuit="" dtc="" gd(h4do)-199,="" high,<br="" p0617="" relay="" starter="" to="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P062F	Internal Control Module EEPROM Error	<ref. control="" dtc="" gd(h4do)-200,="" internal="" module<br="" p062f="" to="">EEPROM ERROR , Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0700	Transmission Control System (MIL Request)	<ref. control="" dtc="" gd(h4do)-202,="" p0700="" system<br="" to="" transmission="">(MIL REQUEST), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0851	Park/Neutral Switch Input Circuit Low (AT Model)	<ref. cir-<br="" dtc="" gd(h4do)-203,="" input="" neutral="" p0851="" park="" switch="" to="">CUIT LOW (AT MODEL), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0851	Neutral Switch Input Circuit Low (MT Model)	<ref. (dtc)="" (mt="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-204,="" input="" low="" model),="" neutral="" p0851="" switch="" to="" trouble=""></ref.>
P0852	Park/Neutral Switch Input Circuit High (AT Model)	<ref. (at="" (dtc)="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-205,="" high="" input="" model),="" neutral="" p0852="" park="" switch="" to="" trouble=""></ref.>
P0852	Neutral Switch Input Circuit High (MT Model)	<ref. (dtc)="" (mt="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-206,="" high="" input="" model),="" neutral="" p0852="" switch="" to="" trouble=""></ref.>
P1160	Return Spring Failure	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(h4do)-207,="" p1160="" return="" spring="" to="" trouble=""></ref.>
P1449	Evaporative Emission Cont. Sys. Air Filter Clog	<ref. (dtc)="" air="" clog,="" code="" cont.="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" filter="" gd(h4do)-209,="" p1449="" sys.="" to="" trouble=""></ref.>
P1451	Evaporative Emission Cont. Sys.	<ref. (dtc)="" code="" cont.="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-211,="" p1451="" sys.,="" to="" trouble=""></ref.>
P1492	EGR Solenoid Valve Signal #1 Circuit Malfunction (Low Input)	<ref. #1="" (dtc)="" (low="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" egr="" gd(h4do)-212,="" input),="" malfunction="" p1492="" signal="" solenoid="" to="" trouble="" valve=""></ref.>
P1493	EGR Solenoid Valve Signal #1 Circuit Malfunction (High Input)	<ref. #1="" (dtc)="" (high="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" egr="" gd(h4do)-214,="" input),="" malfunction="" p1493="" signal="" solenoid="" to="" trouble="" valve=""></ref.>
P1494	EGR Solenoid Valve Signal #2 Circuit Malfunction (Low Input)	<ref. #2<br="" dtc="" egr="" gd(h4do)-216,="" p1494="" signal="" solenoid="" to="" valve="">CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1495	EGR Solenoid Valve Signal #2 Circuit Malfunction (High Input)	<ref. #2<br="" dtc="" egr="" gd(h4do)-216,="" p1495="" signal="" solenoid="" to="" valve="">CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1496	EGR Solenoid Valve Signal #3 Circuit Malfunction (Low Input)	<ref. #3<br="" dtc="" egr="" gd(h4do)-216,="" p1496="" signal="" solenoid="" to="" valve="">CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1497	EGR Solenoid Valve Signal #3 Circuit Malfunction (High Input)	<ref. #3<br="" dtc="" egr="" gd(h4do)-216,="" p1497="" signal="" solenoid="" to="" valve="">CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1498	EGR Solenoid Valve Signal #4 Circuit Malfunction (Low Input)	<ref. #4<br="" dtc="" egr="" gd(h4do)-216,="" p1498="" signal="" solenoid="" to="" valve="">CIRCUIT MALFUNCTION (LOW INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1499	EGR Solenoid Valve Signal #4 Circuit Malfunction (High Input)	<ref. #4<br="" dtc="" egr="" gd(h4do)-216,="" p1499="" signal="" solenoid="" to="" valve="">CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1530	Battery Current Sensor Circuit Low	<ref. battery="" cir-<br="" current="" dtc="" gd(h4do)-217,="" p1530="" sensor="" to="">CUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1531	Battery Current Sensor Circuit High	<ref. battery="" cir-<br="" current="" dtc="" gd(h4do)-219,="" p1531="" sensor="" to="">CUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1532	Battery Charging System	<ref. (dtc)="" battery="" charging="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-221,="" p1532="" system,="" to="" trouble=""></ref.>
P1570	Antenna	<ref. (dtc)="" antenna,="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-224,="" p1570="" to="" trouble=""></ref.>
P1571	Reference Code Incompatibility	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-224,="" incompatibility,="" p1571="" reference="" to="" trouble=""></ref.>
P1572	IMM Circuit Failure (Except Antenna Circuit)	<ref. (dtc)="" (except="" antenna="" circuit="" circuit),="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure="" gd(h4do)-224,="" imm="" p1572="" to="" trouble=""></ref.>

List of Diagnostic Trouble Code (DTC)

DTC	Item	Index
P1574	Key Communication Failure	<ref. communication="" dtc="" failure,<br="" gd(h4do)-224,="" key="" p1574="" to="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1576	EGI Control Module EEPROM	<ref. control="" dtc="" eeprom,<br="" egi="" gd(h4do)-224,="" module="" p1576="" to="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1577	IMM Control Module EEPROM	<ref. (dtc)="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" eeprom,="" gd(h4do)-224,="" imm="" module="" p1577="" to="" trouble=""></ref.>
P1578	Meter Failure	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(h4do)-224,="" meter="" p1578="" to="" trouble=""></ref.>
P2004	Intake Manifold Runner Control Stuck Open (Bank 1)	<ref. (bank="" (dtc)="" 1),="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-225,="" intake="" manifold="" open="" p2004="" runner="" stuck="" to="" trouble=""></ref.>
P2005	Intake Manifold Runner Control Stuck Open (Bank 2)	<ref. (bank="" (dtc)="" 2),="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-226,="" intake="" manifold="" open="" p2005="" runner="" stuck="" to="" trouble=""></ref.>
P2006	Intake Manifold Runner Control Stuck Closed (Bank 1)	<ref. (bank="" (dtc)="" 1),="" closed="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-227,="" intake="" manifold="" p2006="" runner="" stuck="" to="" trouble=""></ref.>
P2007	Intake Manifold Runner Control Stuck Closed (Bank 2)	<ref. (bank="" (dtc)="" 2),="" closed="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-228,="" intake="" manifold="" p2007="" runner="" stuck="" to="" trouble=""></ref.>
P2009	Intake Manifold Runner Control Circuit Low (Bank 1)	<ref. (bank="" (dtc)="" 1),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-229,="" intake="" low="" manifold="" p2009="" runner="" to="" trouble=""></ref.>
P2012	Intake Manifold Runner Control Circuit Low (Bank 2)	<ref. (bank="" (dtc)="" 2),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-230,="" intake="" low="" manifold="" p2012="" runner="" to="" trouble=""></ref.>
P2088	Intake Camshaft Position Actuator Control Circuit Low (Bank 1)	<ref. actu-<br="" camshaft="" dtc="" gd(h4do)-231,="" intake="" p2088="" position="" to="">ATOR CONTROL CIRCUIT LOW (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2089	Intake Camshaft Position Actuator Control Circuit High (Bank 1)	<ref. actu-<br="" camshaft="" dtc="" gd(h4do)-232,="" intake="" p2089="" position="" to="">ATOR CONTROL CIRCUIT HIGH (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2090	Exhaust Camshaft Position Actuator Control Circuit Low (Bank 1)	<ref. (bank="" (dtc)="" 1),="" actuator="" camshaft="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" gd(h4do)-233,="" low="" p2090="" position="" to="" trouble=""></ref.>
P2091	Exhaust Camshaft Position Actuator Control Circuit High (Bank 1)	<ref. (bank="" (dtc)="" 1),="" actuator="" camshaft="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" gd(h4do)-234,="" high="" p2091="" position="" to="" trouble=""></ref.>
P2092	Intake Camshaft Position Actuator Control Circuit Low (Bank 2)	<ref. actu-<br="" camshaft="" dtc="" gd(h4do)-235,="" intake="" p2092="" position="" to="">ATOR CONTROL CIRCUIT LOW (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2093	Intake Camshaft Position Actuator Control Circuit High (Bank 2)	<ref. actu-<br="" camshaft="" dtc="" gd(h4do)-235,="" intake="" p2093="" position="" to="">ATOR CONTROL CIRCUIT HIGH (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2094	Exhaust Camshaft Position Actuator Control Circuit Low (Bank 2)	<ref. (bank="" (dtc)="" 2),="" actuator="" camshaft="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" gd(h4do)-235,="" low="" p2094="" position="" to="" trouble=""></ref.>
P2095	Exhaust Camshaft Position Actuator Control Circuit High (Bank 2)	<ref. (bank="" (dtc)="" 2),="" actuator="" camshaft="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" gd(h4do)-235,="" high="" p2095="" position="" to="" trouble=""></ref.>
P2096	Post Catalyst Fuel Trim System Too Lean (Bank 1)	<ref. (bank="" (dtc)="" 1),="" catalyst="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(h4do)-236,="" lean="" p2096="" post="" system="" to="" too="" trim="" trouble=""></ref.>
P2097	Post Catalyst Fuel Trim System Too Rich (Bank 1)	<ref. (bank="" (dtc)="" 1),="" catalyst="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(h4do)-238,="" p2097="" post="" rich="" system="" to="" too="" trim="" trouble=""></ref.>

DTC	Item	Index
P2101	Throttle Actuator Control Motor Circuit Range/Performance	<ref. (dtc)="" actuator="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-240,="" motor="" p2101="" performance,="" range="" throttle="" to="" trouble=""></ref.>
P2102	Throttle Actuator Control Motor Circuit Low	<ref. actuator="" control<br="" dtc="" gd(h4do)-242,="" p2102="" throttle="" to="">MOTOR CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2103	Throttle Actuator Control Motor Circuit High	<ref. actuator="" control<br="" dtc="" gd(h4do)-244,="" p2103="" throttle="" to="">MOTOR CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2109	Throttle/Pedal Position Sensor "A" Minimum Stop Performance	<ref. dtc="" gd(h4do)-246,="" p2109="" pedal="" position="" sen-<br="" throttle="" to="">SOR "A" MINIMUM STOP PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2119	Throttle Actuator Control Throttle Body Range/Performance	<ref. (dtc)="" actuator="" body="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-248,="" p2119="" performance,="" range="" throttle="" to="" trouble=""></ref.>
P2122	Throttle/Pedal Position Sensor/Switch "D" Circuit Low Input	<ref. dtc="" gd(h4do)-250,="" p2122="" pedal="" position="" sen-<br="" throttle="" to="">SOR/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)-252,="" p2123="" pedal="" position="" sen-<br="" throttle="" to="">SOR/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)-254,="" p2127="" pedal="" position="" sen-<br="" throttle="" to="">SOR/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)-256,="" p2128="" pedal="" position="" sen-<br="" throttle="" to="">SOR/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)-258,="" p2135="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "A"/"B" VOLTAGE CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2138	Throttle/Pedal Position Sensor/Switch "D"/"E" Voltage Correlation	<ref. dtc="" gd(h4do)-260,="" p2138="" pedal="" position="" sen-<br="" throttle="" to="">SOR/SWITCH "D"/"E" VOLTAGE CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2195	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" biased="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-262,="" lean="" o2="" p2195="" sensor="" signal="" stuck="" to="" trouble=""></ref.>
P2196	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" biased="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-264,="" o2="" p2196="" rich="" sensor="" signal="" stuck="" to="" trouble=""></ref.>
P219A	Bank 1 Air-Fuel Ratio Imbalance	<ref. 1="" air-fuel="" bank="" dtc="" gd(h4do)-266,="" imbal-<br="" p219a="" ratio="" to="">ANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2401	Evaporative Emission System Leak Detection Pump Control Circuit Low	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" detection="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-273,="" leak="" low,="" p2401="" pump="" system="" to="" trouble=""></ref.>
P2402	Evaporative Emission System Leak Detection Pump Control Circuit High	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" detection="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-275,="" high,="" leak="" p2402="" pump="" system="" to="" trouble=""></ref.>
P2404	Evaporative Emission System Leak Detection Pump Sense Circuit Range/ Performance	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" detection="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-276,="" leak="" p2404="" performance,="" pump="" range="" sense="" system="" to="" trouble=""></ref.>
P2419	Evaporative Emission System Switching Valve Control Circuit Low	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-277,="" low,="" p2419="" switching="" system="" to="" trouble="" valve=""></ref.>
P2420	Evaporative Emission System Switching Valve Control Circuit High	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h4do)-279,="" high,="" p2420="" switching="" system="" to="" trouble="" valve=""></ref.>
P2610	ECM/PCM Internal Engine Off Timer Performance	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" ecm="" engine="" gd(h4do)-281,="" internal="" off="" p2610="" pcm="" performance,="" timer="" to="" trouble=""></ref.>

List of Diagnostic Trouble Code (DTC)

DTC	Item	Index
U0073	Control Module Communication Bus "A" Off	<ref. communica-<br="" control="" dtc="" gd(h4do)-289,="" module="" to="" u0073="">TION BUS "A" OFF, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0101	Lost Communication With TCM	<ref. (dtc)="" code="" communication="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-290,="" lost="" tcm,="" to="" trouble="" u0101="" with=""></ref.>
U0122	Lost Communication With Vehicle Dynamics Control Module	<ref. communication="" dtc="" gd(h4do)-291,="" lost="" to="" u0122="" vehi-<br="" with="">CLE DYNAMICS CONTROL MODULE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module	<ref. (dtc)="" (ipc)="" cluster="" code="" communication="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4do)-291,="" instrument="" lost="" module,="" panel="" to="" trouble="" u0155="" with=""></ref.>
U0402	Invalid Data Received From TCM	<ref. (dtc)="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" from="" gd(h4do)-292,="" invalid="" received="" tcm,="" to="" trouble="" u0402=""></ref.>
U0416	Invalid Data Received From Vehicle Dynamics Control Module	<ref. (dtc)="" code="" control="" criteria.="" data="" detecting="" diagnostic="" dtc="" dynamics="" from="" gd(h4do)-293,="" invalid="" module,="" received="" to="" trouble="" u0416="" vehicle=""></ref.>
U0423	Invalid Data Received From Instrument Panel Cluster Control Module	<ref. (dtc)="" cluster="" code="" control="" criteria.="" data="" detecting="" diagnostic="" dtc="" from="" gd(h4do)-293,="" instrument="" invalid="" module,="" panel="" received="" to="" trouble="" u0423=""></ref.>