1. List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Item	Index
B1570	Antenna	<ref. (dtc)="" antenna,="" b1570="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-11,="" to="" trouble=""></ref.>
B1571	Reference Code Incompatibility	<ref. (dtc)="" b1571="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-12,="" incompatibility,="" reference="" to="" trouble=""></ref.>
B1572	IMM Circuit Failure (Except Antenna Circuit)	<ref. (dtc)="" (except="" antenna="" b1572="" circuit="" circuit),="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure="" gd(h6do)-12,="" imm="" to="" trouble=""></ref.>
B1574	Key Communication Failure	<ref. (dtc)="" b1574="" code="" communication="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(h6do)-12,="" key="" to="" trouble=""></ref.>
B1575	Incorrect Immobilizer Key	<ref. (dtc)="" b1575="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-12,="" immobilizer="" incorrect="" key,="" to="" trouble=""></ref.>
B1576	EGI Control Module EEPROM	<ref. (dtc)="" b1576="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" eeprom,="" egi="" gd(h6do)-12,="" module="" to="" trouble=""></ref.>
B1577	IMM Control Module EEPROM	<ref. (dtc)="" b1577="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" eeprom,="" gd(h6do)-12,="" imm="" module="" to="" trouble=""></ref.>
B1578	Meter Failure	<ref. (dtc)="" b1578="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(h6do)-12,="" meter="" to="" trouble=""></ref.>
P0011	Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 1)	<ref. -="" camshaft="" dtc="" gd(h6do)-13,="" intake="" p0011="" position="" timing<br="" to="">OVER-ADVANCED OR SYSTEM PERFORMANCE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0014	Exhaust AVCS System 1 (Range/ Performance)	<ref. (dtc)="" (range="" 1="" avcs="" code="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" gd(h6do)-15,="" p0014="" per-formance),="" system="" to="" trouble=""></ref.>
P0016	Crankshaft Position - Camshaft Position Correlation (Bank1)	<ref. (bank1),="" (dtc)="" -="" camshaft="" code="" correlation="" crankshaft="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-17,="" p0016="" position="" to="" trouble=""></ref.>
P0017	Crank and Cam Timing B System Failure (Bank 1)	<ref. (bank="" (dtc)="" 1),="" and="" b="" cam="" code="" crank="" criteria.="" detecting="" diagnostic="" dtc="" fail-ure="" gd(h6do)-19,="" p0017="" system="" timing="" to="" trouble=""></ref.>
P0018	Crankshaft Position - Camshaft Position Correlation (Bank2)	<ref. (bank2),="" (dtc)="" -="" camshaft="" code="" correlation="" crankshaft="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-21,="" p0018="" position="" to="" trouble=""></ref.>
P0019	Crank and Cam Timing B System Failure (Bank 2)	<ref. (bank="" (dtc)="" 2),="" and="" b="" cam="" code="" crank="" criteria.="" detecting="" diagnostic="" dtc="" fail-ure="" gd(h6do)-21,="" p0019="" system="" timing="" to="" trouble=""></ref.>
P0021	Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 2)	<ref. (bank="" (dtc)="" -="" 2),="" camshaft="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-21,="" intake="" or="" over-advanced="" p0021="" performance="" position="" system="" timing="" to="" trouble=""></ref.>
P0024	Exhaust AVCS System 2 (Range/ Performance)	<ref. (dtc)="" (range="" 2="" avcs="" code="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" gd(h6do)-21,="" p0024="" per-formance),="" system="" to="" trouble=""></ref.>
P0030	HO2S Heater Control Circuit (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-22,="" heater="" ho2s="" p0030="" sensor="" to="" trouble=""></ref.>
P0031	HO2S Heater Control Circuit Low (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-24,="" heater="" ho2s="" low="" p0031="" sensor="" to="" trouble=""></ref.>
P0032	HO2S Heater Control Circuit High (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-26,="" heater="" high="" ho2s="" p0032="" sensor="" to="" trouble=""></ref.>
P0037	HO2S Heater Control Circuit Low (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" 1="" 2),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-28,="" heater="" ho2s="" low="" p0037="" sensor="" to="" trouble=""></ref.>
P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" 1="" 2),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-30,="" heater="" high="" ho2s="" p0038="" sensor="" to="" trouble=""></ref.>
P0050	HO2S Heater Control Circuit (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" 1),="" 2="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-32,="" heater="" ho2s="" p0050="" sensor="" to="" trouble=""></ref.>
P0051	HO2S Heater Control Circuit Low (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" 1),="" 2="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-32,="" heater="" ho2s="" low="" p0051="" sensor="" to="" trouble=""></ref.>
P0052	HO2S Heater Control Circuit High (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" 1),="" 2="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-32,="" heater="" high="" ho2s="" p0052="" sensor="" to="" trouble=""></ref.>

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P0057	HO2S Heater Control Circuit Low (Bank 2 Sensor 2)	<ref. (bank="" (dtc)="" 2="" 2),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-32,="" heater="" ho2s="" low="" p0057="" sensor="" to="" trouble=""></ref.>
P0058	HO2S Heater Control Circuit High	<ref. circuit="" control="" dtc="" gd(h6do)-32,="" heater="" high<="" ho2s="" p0058="" td="" to=""></ref.>
P0068	(Bank 2 Sensor 2) MAP/MAF - Throttle Position Cor-	(BANK 2 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.> <ref. -="" corre-<="" dtc="" gd(h6do)-33,="" maf="" map="" p0068="" position="" td="" throttle="" to=""></ref.>
	relation	LATION, Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0101	Mass or Volume Air Flow Circuit Range/Performance	<ref. air="" circuit<br="" dtc="" flow="" gd(h6do)-35,="" mass="" or="" p0101="" to="" volume="">RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0102	Mass or Volume Air Flow Circuit Low Input	<ref. (dtc)="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" flow="" gd(h6do)-37,="" input,="" low="" mass="" or="" p0102="" to="" trouble="" volume=""></ref.>
P0103	Mass or Volume Air Flow Circuit High Input	<ref. (dtc)="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" flow="" gd(h6do)-39,="" high="" input,="" mass="" or="" p0103="" to="" trouble="" volume=""></ref.>
P0107	Manifold Absolute Pressure/Barometric Pressure Circuit Low Input	<ref. absolute="" baro-<br="" dtc="" gd(h6do)-41,="" manifold="" p0107="" pressure="" to="">METRIC PRESSURE CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0108	Manifold Absolute Pressure/Barometric Pressure Circuit High Input	<ref. (dtc)="" absolute="" baro-metric="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-43,="" high="" input,="" manifold="" p0108="" pressure="" to="" trouble=""></ref.>
P0111	Intake Air Temperature Sensor Range/Performance Problem	<ref. air="" dtc="" gd(h6do)-45,="" 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. (dtc)="" 1="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-47,="" intake="" low,="" p0112="" sensor="" temperature="" to="" trouble=""></ref.>
P0113	Intake Air Temperature Sensor 1 Circuit High	<ref. (dtc)="" 1="" air="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-49,="" high,="" intake="" p0113="" sensor="" temperature="" to="" trouble=""></ref.>
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Performance	<ref. coolant="" dtc="" engine="" gd(h6do)-51,="" p0116="" sen-<br="" temperature="" to="">SOR 1 CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0117	Engine Coolant Temperature Circuit Low	<ref. cir-<br="" coolant="" dtc="" engine="" gd(h6do)-53,="" p0117="" temperature="" to="">CUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0118	Engine Coolant Temperature Circuit High	<ref. cir-<br="" coolant="" dtc="" engine="" gd(h6do)-55,="" p0118="" temperature="" to="">CUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0122	Throttle/Pedal Position Sensor/ Switch "A" Circuit Low	<ref. <br="" dtc="" gd(h6do)-57,="" p0122="" pedal="" position="" sensor="" throttle="" to="">SWITCH "A" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0123	Throttle/Pedal Position Sensor/ Switch "A" Circuit High	<ref. <br="" dtc="" gd(h6do)-59,="" p0123="" pedal="" position="" sensor="" throttle="" to="">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(h6do)-61,="" insufficient="" loop="" p0125="" temperature="" to="" trouble=""></ref.>
P0128	Coolant Thermostat (Engine Coolant Temperature Below Thermostat Regulating Tempera- ture)	<ref. (dtc)="" (engine="" below="" code="" coolant="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-63,="" 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(h6do)-67,="" 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(h6do)-69,="" 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(h6do)-71,="" 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(h6do)-73,="" 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(h6do)-75,="" 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(h6do)-76,="" lean="" o2="" p013a="" response="" rich="" sensor="" slow="" to="" trouble=""></ref.>

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P013B	O2 Sensor Slow Response -	<ref. -="" dtc="" gd(h6do)-78,="" lean="" o2="" p="" p013b="" response="" sensor="" slow="" to="" to<=""></ref.>
	Lean to Rich (Bank 1 Sensor 2)	RICH (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P013C	O2 Sensor Slow Response - Rich	<ref. -="" dtc="" gd(h6do)-80,="" o2="" p013c="" response="" rich="" sensor="" slow="" td="" to="" to<=""></ref.>
	to Lean (Bank 2 Sensor 2)	LEAN (BANK 2 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P013D	O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 2)	<ref. (bank="" (dtc)="" -="" 2="" 2),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-80,="" lean="" o2="" p013d="" response="" rich="" sensor="" slow="" to="" trouble=""></ref.>
P013E	O2 Sensor Delayed Response -	<ref. -="" delayed="" dtc="" gd(h6do)-81,="" o2="" p013e="" response="" rich<="" sensor="" td="" to=""></ref.>
	Rich to Lean (Bank 1 Sensor 2)	TO LEAN (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P013F	O2 Sensor Delayed Response -	<ref. -="" delayed="" dtc="" gd(h6do)-83,="" lean<="" o2="" p013f="" response="" sensor="" td="" to=""></ref.>
	Lean to Rich (Bank 1 Sensor 2)	TO RICH (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0140	O2 Sensor Circuit No Activity Detected (Bank1 Sensor2)	<ref. activity<br="" circuit="" dtc="" gd(h6do)-85,="" no="" o2="" p0140="" sensor="" to="">DETECTED (BANK1 SENSOR2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0141	O2 Sensor Heater Circuit (Bank1 Sensor2)	<ref. (bank1="" (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-87,="" heater="" o2="" p0141="" sensor="" sensor2),="" to="" trouble=""></ref.>
P014A	O2 Sensor Delayed Response -	<ref. -="" delayed="" dtc="" gd(h6do)-88,="" o2="" p="" p014a="" response="" rich<="" sensor="" to=""></ref.>
	Rich to Lean (Bank 2 Sensor 2)	TO LEAN (BANK 2 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P014B	O2 Sensor Delayed Response -	<ref. -="" delayed="" dtc="" gd(h6do)-88,="" lean<="" o2="" p014b="" response="" sensor="" td="" to=""></ref.>
	Lean to Rich (Bank 2 Sensor 2)	TO RICH (BANK 2 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P014C	O2 Sensor Slow Response - Rich	<ref. -="" dtc="" gd(h6do)-89,="" o2="" p014c="" response="" rich="" sensor="" slow="" td="" to="" to<=""></ref.>
	to Lean (Bank 1 Sensor 1)	LEAN (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P014D	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1)	<ref. -="" dtc="" gd(h6do)-91,="" lean="" o2="" p014d="" response="" sensor="" slow="" to="" to<br="">RICH (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P014E	O2 Sensor Slow Response - Rich	<ref. -="" dtc="" gd(h6do)-92,="" o2="" p014e="" response="" rich="" sensor="" slow="" td="" to="" to<=""></ref.>
	to Lean (Bank 2 Sensor 1)	LEAN (BANK 2 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P014F	O2 Sensor Slow Response - Lean to Rich (Bank 2 Sensor 1)	<ref. -="" dtc="" gd(h6do)-92,="" lean="" o2="" p014f="" response="" sensor="" slow="" to="" to<br="">RICH (BANK 2 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0151	O2 Sensor Circuit Low Voltage (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" 1),="" 2="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-92,="" low="" o2="" p0151="" sensor="" to="" trouble="" voltage=""></ref.>
P0152	O2 Sensor Circuit High Voltage (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" 1),="" 2="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-92,="" high="" o2="" p0152="" sensor="" to="" trouble="" voltage=""></ref.>
P0154	O2 Sensor Circuit No Activity Detected (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" 1),="" 2="" activity="" circuit="" code="" crite-<="" detected="" detecting="" diagnostic="" dtc="" gd(h6do)-92,="" no="" o2="" p0154="" sensor="" td="" to="" trouble=""></ref.>
D0457	00 0 0 1 1/- 1/	ria.>
P0157	O2 Sensor Circuit Low Voltage (Bank 2 Sensor 2)	<ref. (bank="" (dtc)="" 2="" 2),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-92,="" low="" o2="" p0157="" sensor="" to="" trouble="" voltage=""></ref.>
P0158	O2 Sensor Circuit High Voltage (Bank 2 Sensor 2)	<ref. (bank="" (dtc)="" 2="" 2),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-92,="" high="" o2="" p0158="" sensor="" to="" trouble="" voltage=""></ref.>
P015A	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" -="" 1="" 1),="" code="" criteria.="" delayed="" detecting="" diagnostic="" dtc="" gd(h6do)-93,="" lean="" o2="" p015a="" response="" rich="" sensor="" to="" trouble=""></ref.>
P015B	O2 Sensor Delayed Response - Lean to Rich (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" -="" 1="" 1),="" code="" criteria.="" delayed="" detecting="" diagnostic="" dtc="" gd(h6do)-97,="" lean="" o2="" p015b="" response="" rich="" sensor="" to="" trouble=""></ref.>
P015C	O2 Sensor Delayed Response -	<ref. -="" delayed="" dtc="" gd(h6do)-97,="" o2="" p="" p015c="" response="" rich<="" sensor="" to=""></ref.>
	Rich to Lean (Bank 2 Sensor 1)	TO LEAN (BANK 2 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P015D	O2 Sensor Delayed Response - Lean to Rich (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" -="" 1),="" 2="" code="" criteria.="" delayed="" detecting="" diagnostic="" dtc="" gd(h6do)-97,="" lean="" o2="" p015d="" response="" rich="" sensor="" to="" trouble=""></ref.>
P0160	O2 Sensor Circuit No Activity	<ref. activity<="" circuit="" dtc="" gd(h6do)-97,="" no="" o2="" p0160="" sensor="" td="" to=""></ref.>
	Detected (Bank2 Sensor2)	DETECTED (BANK2 SENSOR2), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0161	O2 Sensor Heater Circuit (Bank2	<ref. (bank2<="" circuit="" dtc="" gd(h6do)-97,="" heater="" o2="" p0161="" sensor="" td="" to=""></ref.>
	Sensor2)	SENSOR2), Diagnostic Trouble Code (DTC) Detecting Criteria.>

DTC	Item	Index
P0171	System Too Lean (Bank 1)	<ref. (bank="" (dtc)="" 1),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-98,="" lean="" p0171="" system="" to="" too="" trouble=""></ref.>
P0172	System Too Rich (Bank 1)	<ref. (bank="" (dtc)="" 1),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-99,="" p0172="" rich="" system="" to="" too="" trouble=""></ref.>
P0174	System Too Lean (Bank 2)	<ref. (bank="" (dtc)="" 2),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-100,="" lean="" p0174="" system="" to="" too="" trouble=""></ref.>
P0175	System Too Rich (Bank 2)	<ref. (bank="" (dtc)="" 2),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-100,="" p0175="" rich="" system="" to="" too="" trouble=""></ref.>
P0196	Engine Oil Temperature Sensor Circuit Range/Performance	<ref. cir-<br="" dtc="" engine="" gd(h6do)-101,="" oil="" p0196="" sensor="" temperature="" to="">CUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0197	Engine Oil Temperature Sensor Low	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" engine="" gd(h6do)-103,="" low,="" oil="" p0197="" sensor="" temperature="" to="" trouble=""></ref.>
P0198	Engine Oil Temperature Sensor High	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" engine="" gd(h6do)-104,="" high,="" oil="" p0198="" sensor="" temperature="" to="" trouble=""></ref.>
P0201	Injector #1	<ref. #1,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-105,="" injector="" p0201="" to="" trouble=""></ref.>
P0202	Injector #2	<ref. #2,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-106,="" injector="" p0202="" to="" trouble=""></ref.>
P0203	Injector #3	<ref. #3,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-106,="" injector="" p0203="" to="" trouble=""></ref.>
P0204	Injector #4	<ref. #4,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-106,="" injector="" p0204="" to="" trouble=""></ref.>
P0205	Injector #5	<ref. #5,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-106,="" injector="" p0205="" to="" trouble=""></ref.>
P0206	Injector #6	<ref. #6,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-106,="" injector="" p0206="" to="" trouble=""></ref.>
P0222	Throttle/Pedal Position Sensor/ Switch "B" Circuit Low	<ref. <br="" dtc="" gd(h6do)-107,="" p0222="" pedal="" position="" sensor="" throttle="" to="">SWITCH "B" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0223	Throttle/Pedal Position Sensor/ Switch "B" Circuit High	<ref. <br="" dtc="" gd(h6do)-109,="" p0223="" pedal="" position="" sensor="" throttle="" to="">SWITCH "B" CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0230	Fuel Pump Primary Circuit	<ref. (dtc)="" circuit,="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(h6do)-111,="" p0230="" primary="" pump="" to="" trouble=""></ref.>
P0300	Random/Multiple Cylinder Misfire Detected	<ref. (dtc)="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(h6do)-112,="" misfire="" multiple="" p0300="" random="" to="" trouble=""></ref.>
P0301	Cylinder 1 Misfire Detected	<ref. (dtc)="" 1="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(h6do)-113,="" misfire="" p0301="" to="" trouble=""></ref.>
P0302	Cylinder 2 Misfire Detected	<ref. (dtc)="" 2="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(h6do)-120,="" misfire="" p0302="" to="" trouble=""></ref.>
P0303	Cylinder 3 Misfire Detected	<ref. (dtc)="" 3="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(h6do)-120,="" misfire="" p0303="" to="" trouble=""></ref.>
P0304	Cylinder 4 Misfire Detected	<ref. (dtc)="" 4="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(h6do)-120,="" misfire="" p0304="" to="" trouble=""></ref.>
P0305	Cylinder 5 Misfire Detected	<ref. (dtc)="" 5="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(h6do)-120,="" misfire="" p0305="" to="" trouble=""></ref.>
P0306	Cylinder 6 Misfire Detected	<ref. (dtc)="" 6="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(h6do)-120,="" misfire="" p0306="" to="" trouble=""></ref.>
P0327	Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor)	<ref. (bank="" (dtc)="" 1="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-121,="" knock="" low="" or="" p0327="" sensor="" sensor),="" single="" to="" trouble=""></ref.>
P0328	Knock Sensor 1 Circuit High (Bank 1 or Single Sensor)	<ref. (bank="" (dtc)="" 1="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-123,="" high="" knock="" or="" p0328="" sensor="" sensor),="" single="" to="" trouble=""></ref.>
P0332	Knock Sensor 2 Circuit Low (Bank 2)	<ref. (bank="" (dtc)="" 2="" 2),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-124,="" knock="" low="" p0332="" sensor="" to="" trouble=""></ref.>
P0333	Knock Sensor 2 Circuit High (Bank 2)	<ref. (bank="" (dtc)="" 2="" 2),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-124,="" high="" knock="" p0333="" sensor="" to="" trouble=""></ref.>

List of Diagnostic Trouble Code (DTC)

DTC	Item	Index
P0335	Crankshaft Position Sensor "A" Circuit	<ref. "a"="" (dtc)="" cir-cuit,="" code="" crankshaft="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-125,="" p0335="" position="" sensor="" to="" trouble=""></ref.>
P0336	Crankshaft Position Sensor "A" Circuit Range/Performance	<ref. "a"="" (dtc)="" cir-cuit="" code="" crankshaft="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-127,="" p0336="" performance,="" position="" range="" sensor="" to="" trouble=""></ref.>
P0340	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)	<ref. "a"="" camshaft="" cir-<br="" dtc="" gd(h6do)-129,="" p0340="" position="" sensor="" to="">CUIT (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. "a"="" camshaft="" cir-<br="" dtc="" gd(h6do)-131,="" p0341="" position="" sensor="" to="">CUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SENSOR), Diagnostic Trou- ble Code (DTC) Detecting Criteria.></ref.>
P0345	Camshaft Position Sensor "A" Circuit (Bank 2)	<ref. "a"="" (bank="" (dtc)="" 2),="" camshaft="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-132,="" 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(h6do)-132,="" 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(h6do)-133,="" ignition="" p0351="" primary="" secondary="" to="" trouble=""></ref.>
P0352	Ignition Coil B Primary/Secondary Circuit	<ref. (dtc)="" b="" circuit,="" code="" coil="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-134,="" ignition="" p0352="" primary="" secondary="" to="" trouble=""></ref.>
P0353	Ignition Coil C Primary/Secondary Circuit	<ref. (dtc)="" c="" circuit,="" code="" coil="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-134,="" ignition="" p0353="" primary="" secondary="" to="" trouble=""></ref.>
P0354	Ignition Coil D Primary/Secondary Circuit	<ref. (dtc)="" circuit,="" code="" coil="" criteria.="" d="" detecting="" diagnostic="" dtc="" gd(h6do)-134,="" ignition="" p0354="" primary="" secondary="" to="" trouble=""></ref.>
P0355	Ignition Coil E Primary/Secondary Circuit	<ref. (dtc)="" circuit,="" code="" coil="" criteria.="" detecting="" diagnostic="" dtc="" e="" gd(h6do)-134,="" ignition="" p0355="" primary="" secondary="" to="" trouble=""></ref.>
P0356	Ignition Coil F Primary/Secondary Circuit	<ref. (dtc)="" circuit,="" code="" coil="" criteria.="" detecting="" diagnostic="" dtc="" f="" gd(h6do)-134,="" ignition="" p0356="" primary="" secondary="" to="" trouble=""></ref.>
P0365	Camshaft Position Sensor "B" Circuit (Bank 1)	<ref. "b"="" (bank="" (dtc)="" 1),="" camshaft="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-135,="" 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(h6do)-137,="" p0366="" performance="" position="" range="" sensor="" to="" trouble=""></ref.>
P0390	Camshaft Position Sensor "B" Circuit (Bank 2)	<ref. "b"="" (bank="" (dtc)="" 2),="" camshaft="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-138,="" 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(h6do)-138,="" p0391="" performance="" position="" range="" sensor="" to="" trouble=""></ref.>
P0400	Exhaust Gas Recirculation Flow	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" flow,="" gas="" gd(h6do)-139,="" p0400="" recirculation="" to="" trouble=""></ref.>
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	<ref. (bank="" (dtc)="" 1),="" below="" catalyst="" code="" criteria.="" detecting="" diagnostic="" dtc="" efficiency="" gd(h6do)-142,="" p0420="" system="" threshold="" to="" trouble=""></ref.>
P0441	Evaporative Emission Cont. Sys. Incorrect Purge Flow	<ref. (dtc)="" code="" cont.="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" flow,="" gd(h6do)-144,="" 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(h6do)-147,="" p0451="" performance,="" pressure="" range="" sensor="" switch="" system="" to="" trouble=""></ref.>
P0452	Evaporative Emission System Pressure Sensor/Switch Low	<ref. dtc="" emission="" evaporative="" gd(h6do)-149,="" p0452="" pres-<br="" system="" to="">SURE SENSOR/SWITCH LOW, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0453	Evaporative Emission System Pressure Sensor/Switch High	<ref. dtc="" emission="" evaporative="" gd(h6do)-151,="" p0453="" pres-<br="" system="" to="">SURE SENSOR/SWITCH HIGH, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0455	Evaporative Emission System Leak Detected (Large Leak)	<ref. dtc="" emission="" evaporative="" gd(h6do)-153,="" leak<br="" p0455="" system="" to="">DETECTED (LARGE LEAK), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

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P0456	Evaporative Emission Control System Leak Detected (Very Small Leak)	<ref. (dtc)="" (very="" code="" control="" criteria.="" detected="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h6do)-159,="" leak="" leak),="" p0456="" small="" system="" to="" trouble=""></ref.>
P0458	Evaporative Emission System Purge Control Valve Circuit Low	<ref. dtc="" emission="" evaporative="" gd(h6do)-160,="" p0458="" purge<br="" system="" to="">CONTROL VALVE CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0459	Evaporative Emission System Purge Control Valve Circuit High	<ref. dtc="" emission="" evaporative="" gd(h6do)-162,="" p0459="" purge<br="" system="" to="">CONTROL VALVE CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0461	Fuel Level Sensor "A" Circuit Range/Performance	<ref. "a"="" (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(h6do)-164,="" 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(h6do)-166,="" 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(h6do)-168,="" high,="" level="" p0463="" sensor="" to="" trouble=""></ref.>
P0500	Vehicle Speed Sensor "A"	<ref. "a",="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-170,="" 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(h6do)-171,="" 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(h6do)-172,="" 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(h6do)-173,="" idle="" p050a="" performance,="" start="" system="" to="" trouble=""></ref.>
P050B	Cold Start Ignition Timing Performance	<ref. (dtc)="" code="" cold="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-176,="" ignition="" p050b="" perfor-mance,="" start="" timing="" to="" trouble=""></ref.>
P0512	Starter Request Circuit	<ref. (dtc)="" circuit,="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-177,="" p0512="" request="" starter="" to="" trouble=""></ref.>
P0560	System Voltage	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-178,="" p0560="" system="" to="" trouble="" voltage,=""></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. control="" dtc="" gd(h6do)-179,="" internal="" module="" p0604="" random<br="" to="">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(h6do)-180,="" internal="" memory="" module="" only="" p0605="" read="" to="" trouble=""></ref.>
P0606	Control Module Processor	<ref. (dtc)="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-181,="" module="" p0606="" processor,="" to="" trouble=""></ref.>
P060A	Internal Control Module Monitor- ing Processor Performance	<ref. (dtc)="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-183,="" internal="" module="" monitor-ing="" 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(h6do)-185,="" internal="" module="" p060b="" performance,="" processing="" to="" trouble=""></ref.>
P0616	Starter Relay Circuit Low	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-187,="" low,="" p0616="" relay="" starter="" to="" trouble=""></ref.>
P0617	Starter Relay Circuit High	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-188,="" high,="" p0617="" relay="" starter="" to="" trouble=""></ref.>
P062F	Internal Control Module EEPROM Error	<ref. (dtc)="" ,="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" eeprom="" error="" gd(h6do)-189,="" internal="" module="" p062f="" to="" trouble=""></ref.>
P0700	Transmission Control System (MIL Request)	<ref. (dtc)="" (mil="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-191,="" p0700="" request),="" system="" to="" transmission="" trouble=""></ref.>
P081A	Starter Disable Circuit Low	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" disable="" dtc="" gd(h6do)-192,="" low,="" p081a="" starter="" to="" trouble=""></ref.>
P1160	Return Spring Failure	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(h6do)-193,="" p1160="" return="" spring="" to="" trouble=""></ref.>

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P1449	Evaporative Emission Cont. Sys. Air Filter Clog	<ref. (dtc)="" air="" clog,="" code="" cont.="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" filter="" gd(h6do)-195,="" p1449="" sys.="" to="" trouble=""></ref.>
P1451	Evaporative Emission Cont. Sys.	<ref. cont.="" dtc="" emission="" evaporative="" gd(h6do)-197,="" p1451="" sys.,<br="" to="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1492	EGR Solenoid Valve Signal #1 Circuit Malfunction (Low Input)	<ref. #1="" (dtc)="" (low="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" egr="" gd(h6do)-198,="" input),="" malfunction="" p1492="" signal="" solenoid="" to="" trouble="" valve=""></ref.>
P1493	EGR Solenoid Valve Signal #1 Circuit Malfunction (High Input)	<ref. #1="" cir-<br="" dtc="" egr="" gd(h6do)-200,="" p1493="" signal="" solenoid="" to="" valve="">CUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1494	EGR Solenoid Valve Signal #2 Circuit Malfunction (Low Input)	<ref. #2="" (dtc)="" (low="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" egr="" gd(h6do)-202,="" input),="" malfunction="" p1494="" signal="" solenoid="" to="" trouble="" valve=""></ref.>
P1495	EGR Solenoid Valve Signal #2 Circuit Malfunction (High Input)	<ref. #2="" cir-<br="" dtc="" egr="" gd(h6do)-202,="" p1495="" signal="" solenoid="" to="" valve="">CUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1496	EGR Solenoid Valve Signal #3 Circuit Malfunction (Low Input)	<ref. #3="" (dtc)="" (low="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" egr="" gd(h6do)-202,="" input),="" malfunction="" p1496="" signal="" solenoid="" to="" trouble="" valve=""></ref.>
P1497	EGR Solenoid Valve Signal #3 Circuit Malfunction (High Input)	<ref. #3="" cir-<br="" dtc="" egr="" gd(h6do)-202,="" p1497="" signal="" solenoid="" to="" valve="">CUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1498	EGR Solenoid Valve Signal #4 Circuit Malfunction (Low Input)	<ref. #4="" (dtc)="" (low="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" egr="" gd(h6do)-202,="" input),="" malfunction="" p1498="" signal="" solenoid="" to="" trouble="" valve=""></ref.>
P1499	EGR Solenoid Valve Signal #4 Circuit Malfunction (High Input)	<ref. #4="" cir-<br="" dtc="" egr="" gd(h6do)-202,="" p1499="" signal="" solenoid="" to="" valve="">CUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2088	Intake Camshaft Position Actuator Control Circuit Low (Bank 1)	<ref. (bank="" (dtc)="" 1),="" actuator="" camshaft="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-203,="" intake="" low="" p2088="" position="" to="" trouble=""></ref.>
P2089	Intake Camshaft Position Actuator Control Circuit High (Bank 1)	<ref. (bank="" (dtc)="" 1),="" actuator="" camshaft="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-204,="" high="" intake="" p2089="" position="" to="" trouble=""></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(h6do)-205,="" 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(h6do)-206,="" high="" p2091="" position="" to="" trouble=""></ref.>
P2092	Intake Camshaft Position Actuator Control Circuit Low (Bank 2)	<ref. actuator<br="" camshaft="" dtc="" gd(h6do)-207,="" intake="" p2092="" position="" to="">CONTROL CIRCUIT LOW (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2093	Intake Camshaft Position Actuator Control Circuit High (Bank 2)	<ref. actuator<br="" camshaft="" dtc="" gd(h6do)-207,="" intake="" p2093="" position="" to="">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(h6do)-207,="" 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(h6do)-207,="" 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(h6do)-208,="" 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(h6do)-210,="" p2097="" post="" rich="" system="" to="" too="" trim="" trouble=""></ref.>

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P2098	Post Catalyst Fuel Trim System	<ref. catalyst="" dtc="" fuel="" gd(h6do)-211,="" p2098="" post="" system="" td="" to="" too<="" trim=""></ref.>
	Too Lean Bank 2	LEAN BANK 2, Diagnostic Trouble Code (DTC) Detecting Criteria.>
P2099	Post Catalyst Fuel Trim System Too Rich Bank 2	<ref. catalyst="" dtc="" fuel="" gd(h6do)-211,="" p2099="" post="" system="" to="" too<br="" trim="">RICH BANK 2, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2101	Throttle Actuator Control Motor Circuit Range/Performance	<ref. (dtc)="" actuator="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-212,="" motor="" p2101="" performance,="" range="" throttle="" to="" trouble=""></ref.>
P2102	Throttle Actuator Control Motor Circuit Low	<ref. (dtc)="" actuator="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-214,="" low,="" motor="" p2102="" throttle="" to="" trouble=""></ref.>
P2103	Throttle Actuator Control Motor Circuit High	<ref. (dtc)="" actuator="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-216,="" high,="" motor="" p2103="" throttle="" to="" trouble=""></ref.>
P2109	Throttle/Pedal Position Sensor "A" Minimum Stop Performance	<ref. "a"="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-218,="" minimum="" p2109="" pedal="" performance,="" position="" sensor="" stop="" throttle="" to="" trouble=""></ref.>
P2119	Throttle Actuator Control Throttle Body Range/Performance	<ref. (dtc)="" actuator="" body="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-220,="" p2119="" performance,="" range="" throttle="" to="" trouble=""></ref.>
P2122	Throttle/Pedal Position Sensor/ Switch "D" Circuit Low Input	<ref. <br="" dtc="" gd(h6do)-222,="" p2122="" pedal="" position="" sensor="" throttle="" to="">SWITCH "D" CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P2123	Throttle/Pedal Position Sensor/ Switch "D" Circuit High Input	<ref. <br="" dtc="" gd(h6do)-224,="" p2123="" pedal="" position="" sensor="" throttle="" to="">SWITCH "D" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P2127	Throttle/Pedal Position Sensor/ Switch "E" Circuit Low Input	<ref. <br="" dtc="" gd(h6do)-226,="" p2127="" pedal="" position="" sensor="" throttle="" to="">SWITCH "E" CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2128	Throttle/Pedal Position Sensor/ Switch "E" Circuit High Input	<ref. <br="" dtc="" gd(h6do)-228,="" p2128="" pedal="" position="" sensor="" throttle="" to="">SWITCH "E" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P2135	Throttle/Pedal Position Sensor/ Switch "A"/"B" Voltage Correlation	<ref. <br="" dtc="" gd(h6do)-230,="" p2135="" pedal="" position="" sensor="" throttle="" to="">SWITCH "A"/"B" VOLTAGE CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2138	Throttle/Pedal Position Sensor/ Switch "D"/"E" Voltage Correla- tion	<ref. <br="" dtc="" gd(h6do)-232,="" p2138="" pedal="" position="" sensor="" throttle="" to="">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(h6do)-234,="" 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(h6do)-236,="" o2="" p2196="" rich="" sensor="" signal="" stuck="" to="" trouble=""></ref.>
P2197	O2 Sensor Signal Biased/Stuck Lean (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" 1),="" 2="" biased="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-238,="" lean="" o2="" p2197="" sensor="" signal="" stuck="" to="" trouble=""></ref.>
P2198	O2 Sensor Signal Biased/Stuck Rich (Bank 2 Sensor 1)	<ref. (bank="" (dtc)="" 1),="" 2="" biased="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-238,="" o2="" p2198="" rich="" sensor="" signal="" stuck="" to="" trouble=""></ref.>
P219A	Bank 1 Air-Fuel Ratio Imbalance	<ref. (dtc)="" 1="" air-fuel="" bank="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-239,="" imbalance,="" p219a="" ratio="" to="" trouble=""></ref.>
P219B	Bank 2 Air-Fuel Ratio Imbalance	<ref. (dtc)="" 2="" air-fuel="" bank="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-241,="" imbalance,="" p219b="" ratio="" to="" trouble=""></ref.>
P2227	Barometric Pressure Circuit Range/Performance	<ref. (dtc)="" barometric="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-242,="" p2227="" performance,="" pressure="" range="" to="" trouble=""></ref.>
P2228	Barometric Pressure Circuit Low	<ref. (dtc)="" barometric="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-243,="" low,="" p2228="" pressure="" to="" trouble=""></ref.>
P2229	Barometric Pressure Circuit High	<ref. (dtc)="" barometric="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h6do)-244,="" high,="" p2229="" pressure="" to="" trouble=""></ref.>
P2401	Evaporative Emission System Leak Detection Pump Control Cir- cuit Low	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" detection="" diagnostic="" dtc="" emission="" evaporative="" gd(h6do)-245,="" leak="" low,="" p2401="" pump="" system="" to="" trouble=""></ref.>

List of Diagnostic Trouble Code (DTC)

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P2402	Evaporative Emission System Leak Detection Pump Control Cir- cuit High	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" detection="" diagnostic="" dtc="" emission="" evaporative="" gd(h6do)-247,="" high,="" leak="" p2402="" pump="" system="" to="" trouble=""></ref.>
P2404	Evaporative Emission System Leak Detection Pump Sense Cir- cuit Range/Performance	<ref. dtc="" emission="" evaporative="" gd(h6do)-248,="" leak<br="" p2404="" system="" to="">DETECTION PUMP SENSE CIRCUIT RANGE/PERFORMANCE, Diagnostic Trou- ble Code (DTC) Detecting Criteria.></ref.>
P2419	Evaporative Emission System Switching Valve Control Circuit Low	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(h6do)-249,="" 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(h6do)-251,="" 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(h6do)-253,="" internal="" off="" p2610="" pcm="" performance,="" timer="" to="" trouble=""></ref.>
U0073	CAN Failure, Bus 'Off' Detection	<ref. 'off'="" (dtc)="" bus="" can="" code="" criteria.="" detecting="" detection,="" diagnostic="" dtc="" failure,="" gd(h6do)-261,="" to="" trouble="" u0073=""></ref.>
U0101	CAN (TCU) Data Not Loaded	<ref. (dtc)="" (tcu)="" can="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" gd(h6do)-262,="" loaded,="" not="" to="" trouble="" u0101=""></ref.>
U0122	CAN (VDC) Data Not Loaded	<ref. (dtc)="" (vdc)="" can="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" gd(h6do)-263,="" loaded,="" not="" to="" trouble="" u0122=""></ref.>
U0140	CAN (BCU) Data Not Loaded	<ref. (bcu)="" (dtc)="" can="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" gd(h6do)-263,="" loaded,="" not="" to="" trouble="" u0140=""></ref.>
U0402	CAN (TCU) Data Abnormal	<ref. (dtc)="" (tcu)="" abnormal,="" can="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" gd(h6do)-264,="" to="" trouble="" u0402=""></ref.>
U0416	CAN (VDC) Data Abnormal	<ref. (dtc)="" (vdc)="" abnormal,="" can="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" gd(h6do)-265,="" to="" trouble="" u0416=""></ref.>
U0422	CAN (BCU) Data Abnormal	<ref. (bcu)="" (dtc)="" abnormal,="" can="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" gd(h6do)-265,="" to="" trouble="" u0422=""></ref.>