1. List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Item	Note
B1570	Antenna	<ref. (dtc)="" antenna,="" b1570="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-11,="" to="" trouble=""></ref.>
B1571	Reference Code Incompatibility	<ref. (dtc)="" b1571="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-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(sti)-12,="" imm="" to="" trouble=""></ref.>
B1574	Key Communication Failure	<ref. (dtc)="" b1574="" code="" communication="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(sti)-12,="" key="" to="" trouble=""></ref.>
B1575	Incorrect Immobilizer Key	<ref. (dtc)="" b1575="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-12,="" immobilizer="" incorrect="" key,="" to="" trouble=""></ref.>
B1576	EGI Control Module EEPROM	<ref. (dtc)="" b1576="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" eeprom,="" egi="" gd(sti)-12,="" module="" to="" trouble=""></ref.>
B1577	IMM Control Module EEPROM	<ref. (dtc)="" b1577="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" eeprom,="" gd(sti)-12,="" imm="" module="" to="" trouble=""></ref.>
B1578	Meter Failure	<ref. (dtc)="" b1578="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(sti)-12,="" meter="" to="" trouble=""></ref.>
P000A	A Camshaft Position Slow Response (Bank 1)	<ref. a="" camshaft="" dtc="" gd(sti)-13,="" p000a="" position="" slow<br="" to="">RESPONSE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P000B	B Camshaft Position Slow Response (Bank 1)	<ref. b="" camshaft="" dtc="" gd(sti)-14,="" p000b="" position="" slow<br="" to="">RESPONSE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P000C	A Camshaft Position Slow Response (Bank 2)	<ref. a="" camshaft="" dtc="" gd(sti)-15,="" p000c="" position="" slow<br="" to="">RESPONSE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P000D	B Camshaft Position Slow Response (Bank 2)	<ref. (bank="" (dtc)="" 2),="" b="" camshaft="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-15,="" p000d="" position="" response="" slow="" to="" trouble=""></ref.>
P0011	Intake Camshaft Position - Timing Over-Advanced or System Perfor- mance (Bank 1)	<ref. (bank="" (dtc)="" -="" 1),="" camshaft="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-16,="" intake="" or="" over-advanced="" p0011="" performance="" position="" system="" timing="" to="" trouble=""></ref.>
P0014	Exhaust AVCS System 1 (Range/ Performance)	<ref. (dtc)="" (range="" 1="" avcs="" code="" criteria.="" detecting="" diagnostic="" dtc="" exhaust="" gd(sti)-17,="" 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(sti)-18,="" 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(sti)-20,="" 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(sti)-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(sti)-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(sti)-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(sti)-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(sti)-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(sti)-23,="" 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(sti)-24,="" 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(sti)-25,="" heater="" ho2s="" low="" p0037="" sensor="" to="" trouble=""></ref.>

DTC	Item	Note
P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2)	<ref. circuit="" control="" dtc="" gd(sti)-26,="" heater="" high<br="" ho2s="" p0038="" to="">(BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0068	MAP/MAF - Throttle Position Correlation	<ref. (dtc)="" -="" code="" correlation,="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-27,="" maf="" map="" p0068="" position="" throttle="" to="" trouble=""></ref.>
P0071	Ambient Temperature Sensor Circuit "A" Range/Performance	<ref. "a"="" (dtc)="" ambient="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-29,="" p0071="" performance,="" range="" sensor="" temperature="" to="" trouble=""></ref.>
P0072	Ambient Temperature Sensor Circuit "A" Low	<ref. ambient="" cir-<br="" dtc="" gd(sti)-31,="" p0072="" sensor="" temperature="" to="">CUIT "A" LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0073	Ambient Temperature Sensor Circuit "A" High	<ref. ambient="" cir-<br="" dtc="" gd(sti)-32,="" p0073="" sensor="" temperature="" to="">CUIT "A" HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0101	Mass or Volume Air Flow Circuit Range/Performance	<ref. (dtc)="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" flow="" gd(sti)-33,="" mass="" or="" p0101="" performance,="" range="" to="" trouble="" volume=""></ref.>
P0102	Mass or Volume Air Flow Circuit Low Input	<ref. (dtc)="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" flow="" gd(sti)-35,="" 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(sti)-36,="" high="" input,="" mass="" or="" p0103="" to="" trouble="" volume=""></ref.>
P0107	Manifold Absolute Pressure/Baro- metric Pressure Circuit Low Input	<ref. (dtc)="" absolute="" baro-metric="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-37,="" input,="" low="" manifold="" p0107="" pressure="" to="" trouble=""></ref.>
P0108	Manifold Absolute Pressure/Barometric Pressure Circuit High Input	<ref. (dtc)="" absolute="" baro-metric="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-38,="" high="" input,="" manifold="" p0108="" pressure="" to="" trouble=""></ref.>
P0111	Intake Air Temperature Sensor Range/Performance Problem	<ref. (dtc)="" air="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-39,="" intake="" p0111="" performance="" problem,="" range="" sensor="" temperature="" to="" trouble=""></ref.>
P0112	Intake Air Temperature Sensor 1 Circuit Low	<ref. (dtc)="" 1="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-42,="" intake="" low,="" p0112="" sensor="" temperature="" to="" trouble=""></ref.>
P0113	Intake Air Temperature Sensor 1 Circuit High	<ref. (dtc)="" 1="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-43,="" high,="" intake="" p0113="" sensor="" temperature="" to="" trouble=""></ref.>
P0116	Engine Coolant Temperature Sensor 1 Circuit Range/Performance	<ref. coolant="" dtc="" engine="" gd(sti)-44,="" p0116="" sen-<br="" temperature="" to="">SOR 1 CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0117	Engine Coolant Temperature Circuit Low	<ref. cir-<br="" coolant="" dtc="" engine="" gd(sti)-46,="" 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(sti)-47,="" 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(sti)-48,="" 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(sti)-49,="" 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(sti)-50,="" 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(sti)-52,="" 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(sti)-56,="" 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(sti)-57,="" 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(sti)-58,="" no="" o2="" p0134="" sensor="" to="" trouble=""></ref.>

DTC	Item	Note
P0137	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" 1="" 2),="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-59,="" low="" o2="" p0137="" sensor="" to="" trouble="" voltage=""></ref.>
P0138	O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)	<ref. circuit="" dtc="" gd(sti)-60,="" high="" o2="" p0138="" sensor="" to="" voltage<br="">(BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P013A	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 2)	<ref. (bank="" (dtc)="" -="" 1="" 2),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-61,="" 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(sti)-63,="" lean="" o2="" p013b="" response="" rich="" sensor="" slow="" to="" trouble=""></ref.>
P013E	O2 Sensor Delayed Response - Rich to Lean (Bank 1 Sensor 2)	<ref. -="" delayed="" dtc="" gd(sti)-65,="" o2="" p013e="" response="" rich<br="" sensor="" to="">TO LEAN (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></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(sti)-67,="" lean="" o2="" p013f="" response="" rich="" sensor="" to="" trouble=""></ref.>
P0141	O2 Sensor Heater Circuit (Bank1 Sensor2)	<ref. (bank1="" (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-69,="" heater="" o2="" p0141="" sensor="" sensor2),="" to="" trouble=""></ref.>
P014C	O2 Sensor Slow Response - Rich to Lean (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" -="" 1="" 1),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-70,="" lean="" o2="" p014c="" response="" rich="" sensor="" slow="" to="" trouble=""></ref.>
P014D	O2 Sensor Slow Response - Lean to Rich (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" -="" 1="" 1),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-72,="" lean="" o2="" p014d="" response="" rich="" sensor="" slow="" to="" trouble=""></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(sti)-73,="" 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(sti)-77,="" lean="" o2="" p015b="" response="" rich="" sensor="" to="" trouble=""></ref.>
P0171	System Too Lean (Bank 1)	<ref. (bank="" (dtc)="" 1),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-78,="" lean="" p0171="" system="" to="" too="" trouble=""></ref.>
P0172	System Too Rich (Bank 1)	<ref. (bank="" (dtc)="" 1),="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-79,="" p0172="" rich="" system="" to="" too="" trouble=""></ref.>
P0201	Injector #1	<ref. #1,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-80,="" injector="" p0201="" to="" trouble=""></ref.>
P0202	Injector #2	<ref. #2,="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-80,="" injector="" p0202="" to="" trouble=""></ref.>
P0203	Injector #3	<ref. #3,="" code<br="" diagnostic="" dtc="" gd(sti)-80,="" injector="" p0203="" to="" trouble="">(DTC) Detecting Criteria.></ref.>
P0204	Injector #4	<ref. #4,="" code<br="" diagnostic="" dtc="" gd(sti)-80,="" injector="" p0204="" to="" trouble="">(DTC) Detecting Criteria.></ref.>
P0222	Throttle/Pedal Position Sensor/ Switch "B" Circuit Low	<ref. <br="" dtc="" gd(sti)-81,="" p0222="" pedal="" position="" sensor="" throttle="" to="">SWITCH "B" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0223	Throttle/Pedal Position Sensor/ Switch "B" Circuit High	<ref. <br="" dtc="" gd(sti)-82,="" p0223="" pedal="" position="" sensor="" throttle="" to="">SWITCH "B" CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0230	Fuel Pump Primary Circuit	<ref. (dtc)="" circuit,="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(sti)-83,="" p0230="" primary="" pump="" to="" trouble=""></ref.>
P0244	Turbo/Super Charger Wastegate Solenoid "A" Range/Performance	<ref. "a"="" (dtc)="" charger="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-84,="" p0244="" performance,="" range="" solenoid="" super="" to="" trouble="" turbo="" wastegate=""></ref.>
P0245	Turbo/Super Charger Wastegate Solenoid "A" Low	<ref. "a"="" (dtc)="" charger="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-85,="" low,="" p0245="" solenoid="" super="" to="" trouble="" turbo="" wastegate=""></ref.>
P0246	Turbo/Super Charger Wastegate Solenoid "A" High	<ref. charger="" dtc="" gd(sti)-86,="" p0246="" super="" to="" turbo="" wastegate<br="">SOLENOID "A" HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

DTC	Item	Note
P0300	Random/Multiple Cylinder Misfire	<ref. cylinder="" dtc="" gd(sti)-86,="" misfire<="" multiple="" p0300="" random="" td="" to=""></ref.>
Door /	Detected	DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0301	Cylinder 1 Misfire Detected	<ref. (dtc)="" 1="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(sti)-87,="" misfire="" p0301="" to="" trouble=""></ref.>
P0302	Cylinder 2 Misfire Detected	<ref. 2="" cylinder="" detected,="" diagnos-<="" dtc="" gd(sti)-94,="" misfire="" p="" p0302="" to=""></ref.>
	,	tic Trouble Code (DTC) Detecting Criteria.>
P0303	Cylinder 3 Misfire Detected	<ref. (dtc)="" 3="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(sti)-94,="" misfire="" p0303="" to="" trouble=""></ref.>
P0304	Cylinder 4 Misfire Detected	<ref. (dtc)="" 4="" code="" criteria.="" cylinder="" detected,="" detecting="" diagnostic="" dtc="" gd(sti)-94,="" misfire="" p0304="" 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(sti)-95,="" 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(sti)-96,="" high="" knock="" or="" p0328="" sensor="" sensor),="" single="" to="" trouble=""></ref.>
P0335	Crankshaft Position Sensor "A" Circuit	<ref. "a"="" (dtc)="" cir-cuit,="" code="" crankshaft="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-97,="" 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(sti)-99,="" p0336="" performance,="" position="" range="" sensor="" to="" trouble=""></ref.>
P0340	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)	<ref. "a"="" (bank="" (dtc)="" 1="" camshaft="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-101,="" or="" p0340="" position="" sensor="" sensor),="" single="" to="" trouble=""></ref.>
P0341	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 1 or Single Sensor)	<ref. "a"="" camshaft="" cir-<br="" dtc="" gd(sti)-103,="" p0341="" position="" sensor="" to="">CUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SENSOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0345	Camshaft Position Sensor "A" Circuit (Bank 2)	<ref. "a"="" camshaft="" cir-<br="" dtc="" gd(sti)-104,="" p0345="" position="" sensor="" to="">CUIT (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0346	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 2)	<ref. "a"="" camshaft="" cir-<br="" dtc="" gd(sti)-104,="" p0346="" position="" sensor="" to="">CUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0351	Ignition Coil A Primary/Secondary Circuit	<ref. (dtc)="" a="" circuit,="" code="" coil="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-105,="" 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(sti)-105,="" 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(sti)-105,="" 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(sti)-105,="" ignition="" p0354="" 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(sti)-106,="" p0365="" position="" sensor="" to="" trouble=""></ref.>
P0366	Camshaft Position Sensor B Circuit Range/Performance (Bank 1)	<ref. b="" camshaft="" cir-<br="" dtc="" gd(sti)-107,="" p0366="" position="" sensor="" to="">CUIT RANGE/PERFORMANCE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0390	Camshaft Position Sensor "B" Circuit (Bank 2)	<ref. "b"="" (bank="" (dtc)="" 2),="" camshaft="" cir-cuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-107,="" p0390="" position="" sensor="" to="" trouble=""></ref.>
P0391	Camshaft Position Sensor B Circuit Range/Performance (Bank 2)	<ref. b="" camshaft="" cir-<br="" dtc="" gd(sti)-107,="" p0391="" position="" sensor="" to="">CUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0410	Secondary Air Injection System	<ref. (dtc)="" air="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-108,="" injection="" p0410="" secondary="" system,="" to="" trouble=""></ref.>
P0411	Secondary Air Injection System Incorrect Flow Detected	<ref. (dtc)="" air="" code="" criteria.="" detected,="" detecting="" diagnostic="" dtc="" flow="" gd(sti)-114,="" incorrect="" injection="" p0411="" secondary="" system="" to="" trouble=""></ref.>
P0413	Secondary Air Injection System Switching Valve "A" Circuit Open	<ref. "a"="" (dtc)="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-115,="" injection="" open,="" p0413="" secondary="" switching="" system="" to="" trouble="" valve=""></ref.>

DTC	Item	Note
P0414	Secondary Air Injection System Switching Valve "A" Circuit Shorted	<ref. "a"="" (dtc)="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-116,="" injection="" p0414="" secondary="" shorted,="" switching="" system="" to="" trouble="" valve=""></ref.>
P0416	Secondary Air Injection System Switching Valve "B" Circuit Open	<ref. air="" dtc="" gd(sti)-116,="" injection="" p0416="" secondary="" system<br="" to="">SWITCHING VALVE "B" CIRCUIT OPEN, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0417	Secondary Air Injection System Switching Valve "B" Circuit Shorted	<ref. air="" dtc="" gd(sti)-116,="" injection="" p0417="" secondary="" system<br="" to="">SWITCHING VALVE "B" CIRCUIT SHORTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	<ref. below<br="" catalyst="" dtc="" efficiency="" gd(sti)-117,="" p0420="" system="" to="">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(sti)-119,="" 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(sti)-121,="" 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(sti)-123,="" 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(sti)-124,="" high,="" p0453="" pressure="" sensor="" switch="" system="" to="" trouble=""></ref.>
P0455	Evaporative Emission System Leak Detected (Large Leak)	<ref. (dtc)="" (large="" code="" criteria.="" detected="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(sti)-125,="" leak="" leak),="" p0455="" system="" to="" trouble=""></ref.>
P0456	Evaporative Emission Control System Leak Detected (Very Small Leak)	<ref. (dtc)="" (very="" code="" control="" criteria.="" detected="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(sti)-130,="" leak="" leak),="" p0456="" small="" system="" to="" trouble=""></ref.>
P0458	Evaporative Emission System Purge Control Valve Circuit Low	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(sti)-131,="" low,="" p0458="" purge="" system="" to="" trouble="" valve=""></ref.>
P0459	Evaporative Emission System Purge Control Valve Circuit High	<ref. (dtc)="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(sti)-132,="" 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(sti)-133,="" 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(sti)-134,="" 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(sti)-135,="" high,="" level="" p0463="" sensor="" to="" trouble=""></ref.>
P04A C	Evap System Purge Control Valve "B" Circuit Low	<ref. "b"="" (dtc)="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" evap="" gd(sti)-136,="" low,="" p04ac="" purge="" system="" to="" trouble="" valve=""></ref.>
P04A D	Evap System Purge Control Valve "B" Circuit High	<ref. "b"="" (dtc)="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" evap="" gd(sti)-137,="" high,="" p04ad="" purge="" system="" to="" trouble="" valve=""></ref.>
P04D B	Crankcase Ventilation System Disconnected	<ref. crankcase="" dis-<br="" dtc="" gd(sti)-138,="" p04db="" system="" to="" ventilation="">CONNECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0500	Vehicle Speed Sensor "A"	<ref. "a",="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-139,="" 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(sti)-140,="" 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(sti)-141,="" higher="" idle="" p0507="" rpm="" system="" than="" to="" trouble=""></ref.>

DTC	Item	Note
P050A	Cold Start Idle Air Control System Performance	<ref. air="" cold="" control="" dtc="" gd(sti)-142,="" idle="" p050a="" start="" sys-<br="" to="">TEM PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P050B	Cold Start Ignition Timing Performance	<ref. (dtc)="" code="" cold="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-144,="" ignition="" p050b="" performance,="" start="" timing="" to="" trouble=""></ref.>
P0512	Starter Request Circuit	<ref. (dtc)="" circuit,="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-145,="" p0512="" request="" starter="" to="" trouble=""></ref.>
P0560	System Voltage	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-146,="" p0560="" system="" to="" trouble="" voltage,=""></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. (dtc)="" (ram)="" access="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" error,="" gd(sti)-147,="" internal="" memory="" module="" p0604="" random="" to="" trouble=""></ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. (dtc)="" (rom)="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" error,="" gd(sti)-148,="" internal="" memory="" module="" only="" p0605="" read="" to="" trouble=""></ref.>
P0606	Control Module Processor	<ref. (dtc)="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-149,="" module="" p0606="" processor,="" to="" trouble=""></ref.>
P060A	Internal Control Module Monitoring Processor Performance	<ref. control="" dtc="" gd(sti)-151,="" internal="" module="" moni-<br="" p060a="" to="">TORING PROCESSOR PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P060B	Internal Control Module A/D Processing Performance	<ref. (dtc)="" a="" code="" control="" criteria.="" d="" detecting="" diagnostic="" dtc="" gd(sti)-153,="" internal="" module="" p060b="" performance,="" processing="" to="" trouble=""></ref.>
P0616	Starter Relay Circuit Low	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-155,="" low,="" p0616="" relay="" starter="" to="" trouble=""></ref.>
P0617	Starter Relay Circuit High	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-156,="" high,="" p0617="" relay="" starter="" to="" trouble=""></ref.>
P062F	Internal Control Module EEPROM Error	<ref. (dtc)="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" eeprom="" error,="" gd(sti)-157,="" internal="" module="" p062f="" to="" trouble=""></ref.>
P0685	ECM/PCM Power Relay Control Circuit/Open	<ref. (dtc)="" cir-cuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" ecm="" gd(sti)-159,="" open,="" p0685="" pcm="" power="" relay="" to="" trouble=""></ref.>
P081A	Starter Disable Circuit Low	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" disable="" dtc="" gd(sti)-160,="" low,="" p081a="" starter="" to="" trouble=""></ref.>
P0851	Neutral Switch Input Circuit Low (MT Model)	<ref. (dtc)="" (mt="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-161,="" input="" low="" model),="" neutral="" p0851="" switch="" to="" trouble=""></ref.>
P0852	Neutral Switch Input Circuit High (MT Model)	<ref. (dtc)="" (mt="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-162,="" high="" input="" model),="" neutral="" p0852="" switch="" to="" trouble=""></ref.>
P1160	Return Spring Failure	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(sti)-163,="" p1160="" return="" spring="" to="" trouble=""></ref.>
P1410	Secondary Air Injection System Switching Valve Stuck Open	<ref. (dtc)="" air="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-164,="" injection="" open,="" p1410="" secondary="" stuck="" switching="" system="" to="" trouble="" valve=""></ref.>
P1449	Evaporative Emission Cont. Sys. Air Filter Clog	<ref. (dtc)="" air="" clog,="" code="" cont.="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" filter="" gd(sti)-165,="" p1449="" sys.="" to="" trouble=""></ref.>
P1451	Evaporative Emission Cont. Sys.	<ref. (dtc)="" code="" cont.="" criteria.="" detecting="" diagnostic="" dtc="" emission="" evaporative="" gd(sti)-166,="" p1451="" sys.,="" to="" trouble=""></ref.>
P2004	Intake Manifold Runner Control Stuck Open (Bank 1)	<ref. (bank="" (dtc)="" 1),="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-167,="" 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(sti)-168,="" 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(sti)-169,="" 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(sti)-170,="" intake="" manifold="" p2007="" runner="" stuck="" to="" trouble=""></ref.>

DTC	Item	Note
P2008	Intake Manifold Runner Control Circuit / Open (Bank 1)	<ref. control<br="" dtc="" gd(sti)-171,="" intake="" manifold="" p2008="" runner="" to="">CIRCUIT / OPEN (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2009	Intake Manifold Runner Control Circuit Low (Bank 1)	<ref. (bank="" (dtc)="" 1),="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-172,="" intake="" low="" manifold="" p2009="" runner="" to="" trouble=""></ref.>
P2011	Intake Manifold Runner Control Circuit / Open (Bank 2)	<ref. control<br="" dtc="" gd(sti)-173,="" intake="" manifold="" p2011="" runner="" to="">CIRCUIT / OPEN (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2012	Intake Manifold Runner Control Circuit Low (Bank 2)	<ref. control<br="" dtc="" gd(sti)-174,="" intake="" manifold="" p2012="" runner="" to="">CIRCUIT LOW (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2016	Tumble Generated Valve Position Sensor 1 Circuit Low	<ref. dtc="" gd(sti)-175,="" generated="" p2016="" position<br="" to="" tumble="" valve="">SENSOR 1 CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2017	Tumble Generated Valve Position Sensor 1 Circuit High	<ref. (dtc)="" 1="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-176,="" generated="" high,="" p2017="" position="" sensor="" to="" trouble="" tumble="" valve=""></ref.>
P2021	Tumble Generated Valve Position Sensor 2 Circuit Low	<ref. (dtc)="" 2="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-177,="" generated="" low,="" p2021="" position="" sensor="" to="" trouble="" tumble="" valve=""></ref.>
P2022	Tumble Generated Valve Position Sensor 2 Circuit High	<ref. dtc="" gd(sti)-178,="" generated="" p2022="" position<br="" to="" tumble="" valve="">SENSOR 2 CIRCUIT HIGH, 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(sti)-179,="" 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(sti)-180,="" high="" intake="" p2089="" position="" to="" trouble=""></ref.>
P2090	Exhaust Camshaft Position Actuator Control Circuit Low (Bank 1)	<ref. actua-<br="" camshaft="" dtc="" exhaust="" gd(sti)-181,="" p2090="" position="" to="">TOR CONTROL CIRCUIT LOW (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2091	Exhaust Camshaft Position Actuator Control Circuit High (Bank 1)	<ref. actua-<br="" camshaft="" dtc="" exhaust="" gd(sti)-182,="" p2091="" position="" to="">TOR CONTROL CIRCUIT HIGH (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2092	Intake Camshaft Position Actuator Control Circuit Low (Bank 2)	<ref. (bank="" (dtc)="" 2),="" actuator="" camshaft="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-183,="" intake="" low="" p2092="" position="" to="" trouble=""></ref.>
P2093	Intake Camshaft Position Actuator Control Circuit High (Bank 2)	<ref. (bank="" (dtc)="" 2),="" actuator="" camshaft="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-183,="" high="" intake="" p2093="" position="" to="" trouble=""></ref.>
P2094	Exhaust Camshaft Position Actuator Control Circuit Low (Bank 2)	<ref. actua-<br="" camshaft="" dtc="" exhaust="" gd(sti)-183,="" p2094="" position="" to="">TOR CONTROL CIRCUIT LOW (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2095	Exhaust Camshaft Position Actuator Control Circuit High (Bank 2)	<ref. actua-<br="" camshaft="" dtc="" exhaust="" gd(sti)-183,="" p2095="" position="" to="">TOR CONTROL CIRCUIT HIGH (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2096	Post Catalyst Fuel Trim System Too Lean (Bank 1)	<ref. (bank="" (dtc)="" 1),="" catalyst="" code="" criteria.="" detecting="" diagnostic="" dtc="" fuel="" gd(sti)-184,="" 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(sti)-185,="" p2097="" post="" rich="" system="" to="" too="" trim="" trouble=""></ref.>
P2101	Throttle Actuator Control Motor Circuit Range/Performance	<ref. (dtc)="" actuator="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-186,="" 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(sti)-187,="" 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(sti)-188,="" 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(sti)-189,="" minimum="" p2109="" pedal="" performance,="" position="" sensor="" stop="" throttle="" to="" trouble=""></ref.>

DTC	Item	Note
P2119	Throttle Actuator Control Throttle Body Range/Performance	<ref. (dtc)="" actuator="" body="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-190,="" p2119="" performance,="" range="" throttle="" to="" trouble=""></ref.>
P2122	Throttle/Pedal Position Sensor/ Switch "D" Circuit Low Input	<ref. <br="" dtc="" gd(sti)-193,="" p2122="" pedal="" position="" sensor="" throttle="" to="">SWITCH "D" CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2123	Throttle/Pedal Position Sensor/ Switch "D" Circuit High Input	<ref. <br="" dtc="" gd(sti)-194,="" p2123="" pedal="" position="" sensor="" throttle="" to="">SWITCH "D" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2127	Throttle/Pedal Position Sensor/ Switch "E" Circuit Low Input	<ref. <br="" dtc="" gd(sti)-195,="" 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(sti)-196,="" p2128="" pedal="" position="" sensor="" throttle="" to="">SWITCH "E" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2135	Throttle/Pedal Position Sensor/ Switch "A"/"B" Voltage Correlation	<ref. <br="" dtc="" gd(sti)-197,="" 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 Correlation	<ref. <br="" dtc="" gd(sti)-199,="" p2138="" pedal="" position="" sensor="" throttle="" to="">SWITCH "D"/"E" VOLTAGE CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2158	Vehicle Speed Sensor "B"	<ref. "b",="" (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-201,="" p2158="" sensor="" speed="" to="" trouble="" vehicle=""></ref.>
P2195	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 1)	<ref. biased="" dtc="" gd(sti)-202,="" o2="" p2195="" sensor="" signal="" stuck<br="" to="">LEAN (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2196	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 1)	<ref. (bank="" (dtc)="" 1="" 1),="" biased="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-204,="" o2="" p2196="" 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(sti)-206,="" imbalance,="" p219a="" ratio="" to="" trouble=""></ref.>
P2257	Air System Control "A" Circuit Low	<ref. "a"="" (dtc)="" air="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-211,="" low,="" p2257="" system="" to="" trouble=""></ref.>
P2258	Air System Control "A" Circuit High	<ref. "a"="" (dtc)="" air="" circuit="" code="" control="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-212,="" high,="" p2258="" system="" to="" trouble=""></ref.>
P2270	O2 Sensor Signal Biased/Stuck Lean (Bank 1 Sensor 2)	<ref. biased="" dtc="" gd(sti)-213,="" o2="" p2270="" sensor="" signal="" stuck<br="" to="">LEAN (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2271	O2 Sensor Signal Biased/Stuck Rich (Bank 1 Sensor 2)	<ref. biased="" dtc="" gd(sti)-215,="" o2="" p2271="" sensor="" signal="" stuck<br="" to="">RICH (BANK 1 SENSOR 2), 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(sti)-216,="" 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(sti)-217,="" 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(sti)-218,="" 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(sti)-219,="" 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(sti)-220,="" high,="" p2420="" switching="" system="" to="" trouble="" valve=""></ref.>

List of Diagnostic Trouble Code (DTC)

DTC	Item	Note
P2431	Secondary Air Injection System Air Flow /Pressure Sensor Circuit Range/Performance	<ref. air="" dtc="" gd(sti)-221,="" injection="" p2431="" secondary="" system<br="" to="">AIR FLOW /PRESSURE SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2432	Secondary Air Injection System Air Flow /Pressure Sensor Circuit Low	<ref. (dtc)="" air="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" flow="" gd(sti)-222,="" injection="" low,="" p2432="" pressure="" secondary="" sensor="" system="" to="" trouble=""></ref.>
P2433	Secondary Air Injection System Air Flow /Pressure Sensor Circuit High	<ref. air="" dtc="" gd(sti)-223,="" injection="" p2433="" secondary="" system<br="" to="">AIR FLOW /PRESSURE SENSOR CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2440	Secondary Air Injection System Switching Valve Stuck Open (Bank1)	<ref. (bank1),="" (dtc)="" air="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-224,="" injection="" open="" p2440="" secondary="" stuck="" switching="" system="" to="" trouble="" valve=""></ref.>
P2441	Secondary Air Injection System Switching Valve Stuck Closed (Bank1)	<ref. (bank1),="" (dtc)="" air="" closed="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-224,="" injection="" p2441="" secondary="" stuck="" switching="" system="" to="" trouble="" valve=""></ref.>
P2442	Secondary Air Injection System Switching Valve Stuck Open (Bank2)	<ref. (bank2),="" (dtc)="" air="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-224,="" injection="" open="" p2442="" secondary="" stuck="" switching="" system="" to="" trouble="" valve=""></ref.>
P2443	Secondary Air Injection System Switching Valve Stuck Closed (Bank2)	<ref. (bank2),="" (dtc)="" air="" closed="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-224,="" injection="" p2443="" secondary="" stuck="" switching="" system="" to="" trouble="" valve=""></ref.>
P2444	Secondary Air Injection System Pump Stuck On	<ref. (dtc)="" air="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(sti)-225,="" injection="" on,="" p2444="" pump="" secondary="" stuck="" system="" to="" trouble=""></ref.>
P2530	Ignition Switch Run Position Circuit	<ref. cir-<br="" dtc="" gd(sti)-226,="" ignition="" p2530="" position="" run="" switch="" to="">CUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2610	ECM/PCM Internal Engine Off Timer Performance	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" ecm="" engine="" gd(sti)-227,="" internal="" off="" p2610="" pcm="" performance,="" timer="" to="" trouble=""></ref.>
U0073	Control Module Communication Bus Off	<ref. 'off'="" (dtc)="" bus="" can="" code="" criteria.="" detecting="" detection,="" diagnostic="" dtc="" failure,="" gd(sti)-235,="" to="" trouble="" u0073=""></ref.>
U0122	CAN (VDC) Data Not Loaded	<ref. (dtc)="" (vdc)="" can="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" gd(sti)-236,="" loaded,="" not="" to="" trouble="" u0122=""></ref.>
U0155	Lost Communication With Instrument Panel Cluster (IPC) Control Module	<ref. communication="" dtc="" gd(sti)-236,="" instru-<br="" lost="" to="" u0155="" with="">MENT PANEL CLUSTER (IPC) CONTROL MODULE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
U0416	CAN (VDC) Data Abnormal	<ref. (dtc)="" (vdc)="" abnormal,="" can="" code="" criteria.="" data="" detecting="" diagnostic="" dtc="" gd(sti)-237,="" to="" trouble="" u0416=""></ref.>
U0423	Invalid Data Received From Instrument Panel Cluster Control Module	<ref. data="" dtc="" from="" gd(sti)-237,="" instru-<br="" invalid="" received="" to="" u0423="">MENT PANEL CLUSTER CONTROL MODULE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>