1. List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Item	Index
P0030	HO2S Heater Control Circuit (Bank 1 Sensor 1)	<ref. circuit<br="" control="" dtc="" gd(h4so)-9,="" heater="" ho2s="" p0030="" to="" —="">(BANK 1 SENSOR 1) —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0031	HO2S Heater Control Circuit Low (Bank 1 Sensor 1)	<ref. cir-<br="" control="" dtc="" gd(h4so)-11,="" heater="" ho2s="" p0031="" to="" —="">CUIT LOW (BANK 1 SENSOR 1) —, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0032	HO2S Heater Control Circuit High (Bank 1 Sensor 1)	<ref. cir-<br="" control="" dtc="" gd(h4so)-13,="" heater="" ho2s="" p0032="" to="" —="">CUIT HIGH (BANK 1 SENSOR 1) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0037	HO2S Heater Control Circuit Low (Bank 1 Sensor 2)	<ref. cir-<br="" control="" dtc="" gd(h4so)-15,="" heater="" ho2s="" p0037="" to="" —="">CUIT LOW (BANK 1 SENSOR 2) —, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2)	<ref. cir-<br="" control="" dtc="" gd(h4so)-17,="" heater="" ho2s="" p0038="" to="" —="">CUIT HIGH (BANK 1 SENSOR 2) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0065	Air Assisted Injector Control Range/ Performance	<ref. air="" assisted="" con-<br="" dtc="" gd(h4so)-19,="" injector="" p0065="" to="" —="">TROL RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0066	Air Assisted Injector Control Circuit or Circuit Low	<ref. air="" assisted="" con-<br="" dtc="" gd(h4so)-22,="" injector="" p0066="" to="" —="">TROL CIRCUIT OR CIRCUIT LOW —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0067	Air Assisted Injector Control Circuit High	<ref. air="" assisted="" con-<br="" dtc="" gd(h4so)-24,="" injector="" p0067="" to="" —="">TROL CIRCUIT HIGH —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0068	Manifold Pressure Sensor Range/ Performance	<ref. dtc="" gd(h4so)-26,="" manifold="" p0068="" pressure="" sensor<br="" to="" —="">RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0107	Manifold Absolute Pressure/Baro- metric Pressure Circuit Low Input	<ref. absolute="" dtc="" gd(h4so)-28,="" manifold="" p0107="" pres-<br="" to="" —="">SURE/BAROMETRIC PRESSURE CIRCUIT LOW INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0108	Manifold Absolute Pressure/Baro- metric Pressure Circuit High Input	<ref. absolute="" dtc="" gd(h4so)-30,="" manifold="" p0108="" pres-<br="" to="" —="">SURE/BAROMETRIC PRESSURE CIRCUIT HIGH INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0111	Intake Air Temperature Circuit Range/Performance	<ref. air="" cir-<br="" dtc="" gd(h4so)-32,="" intake="" p0111="" temperature="" to="" —="">CUIT RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0112	Intake Air Temperature Circuit Low Input	<ref. air="" cir-<br="" dtc="" gd(h4so)-34,="" intake="" p0112="" temperature="" to="" —="">CUIT LOW INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0113	Intake Air Temperature Circuit High Input	<ref. air="" cir-<br="" dtc="" gd(h4so)-36,="" intake="" p0113="" temperature="" to="" —="">CUIT HIGH INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0117	Engine Coolant Temperature Circuit Low Input	<ref. coolant="" dtc="" engine="" gd(h4so)-38,="" p0117="" tempera-<br="" to="" —="">TURE CIRCUIT LOW INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0118	Engine Coolant Temperature Circuit High Input	<ref. coolant="" dtc="" engine="" gd(h4so)-40,="" p0118="" tempera-<br="" to="" —="">TURE CIRCUIT HIGH INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0121	Throttle/Pedal Position Sensor/ Switch "A" Circuit Range/Perfor- mance	<ref. dtc="" gd(h4so)-42,="" p0121="" pedal="" position<br="" throttle="" to="" —="">SENSOR/SWITCH "A" CIRCUIT RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0122	Throttle/Pedal Position Sensor/ Switch "A" Circuit Low Input	<ref. dtc="" gd(h4so)-44,="" p0122="" pedal="" position<br="" throttle="" to="" —="">SENSOR/SWITCH "A" CIRCUIT LOW INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

DTC	Item	Index
P0123	Throttle/Pedal Position Sensor/ Switch "A" Circuit High Input	<ref. dtc="" gd(h4so)-46,="" p0123="" pedal="" position<br="" throttle="" to="" —="">SENSOR/SWITCH "A" CIRCUIT HIGH INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0125	Insufficient Coolant Temperature For Closed Loop Fuel Control	<ref. coolant="" dtc="" gd(h4so)-48,="" insufficient="" p0125="" tem-<br="" to="" —="">PERATURE FOR CLOSED LOOP FUEL CONTROL —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0128	Coolant Thermostat (Coolant Tem- perature Below Thermostat Regulat- ing Temperature)	<ref. (cool-<br="" coolant="" dtc="" gd(h4so)-50,="" p0128="" thermostat="" to="" —="">ANT TEMPERATURE BELOW THERMOSTAT REGULATING TEMPERA- TURE) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0129	Barometric Pressure Too Low	<ref. barometric="" dtc="" gd(h4so)-52,="" p0129="" pressure="" to="" too<br="" —="">LOW —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0130	O ₂ Sensor Circuit (Bank 1 Sensor 1)	<ref. dtc="" gd(h4so)-53,="" o<sub="" p0130="" to="" —="">2 SENSOR CIRCUIT (BANK 1 SENSOR 1) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0131	O ₂ Sensor Circuit Low Voltage (Bank 1 Sensor 1)	<ref. dtc="" gd(h4so)-55,="" o<sub="" p0131="" to="" —="">2 SENSOR CIRCUIT LOW VOLT- AGE (BANK 1 SENSOR 1) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0132	O ₂ Sensor Circuit High Voltage (Bank 1 Sensor 1)	<ref. dtc="" gd(h4so)-57,="" o<sub="" p0132="" to="" —="">2 SENSOR CIRCUIT HIGH VOLT- AGE (BANK 1 SENSOR 1) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0133	O ₂ Sensor Circuit Slow Response (Bank 1 Sensor 1)	<ref. dtc="" gd(h4so)-59,="" o<sub="" p0133="" to="" —="">2 SENSOR CIRCUIT SLOW RESPONSE (BANK 1 SENSOR 1) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0134	O ₂ Sensor Circuit No Activity Detected (Bank 1 Sensor 1)	<ref. dtc="" gd(h4so)-63,="" o<sub="" p0134="" to="" —="">2 SENSOR CIRCUIT NO ACTIV- ITY DETECTED (BANK 1 SENSOR 1) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0137	O ₂ Sensor Circuit Low Voltage (Bank 1 Sensor 2)	<ref. dtc="" gd(h4so)-65,="" o<sub="" p0137="" to="" —="">2 SENSOR CIRCUIT LOW VOLT- AGE (BANK 1 SENSOR 2) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0138	O ₂ Sensor Circuit High Voltage (Bank 1 Sensor 2)	<ref. dtc="" gd(h4so)-67,="" o<sub="" p0138="" to="" —="">2 SENSOR CIRCUIT HIGH VOLT- AGE (BANK 1 SENSOR 2) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0139	O ₂ Sensor Circuit Slow Response (Bank 1 Sensor 2)	<ref. dtc="" gd(h4so)-69,="" o<sub="" p0139="" to="" —="">2 SENSOR CIRCUIT SLOW RESPONSE (BANK 1 SENSOR 2) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0171	System Too Lean (Bank 1)	<ref. (bank="" 1)="" dtc="" gd(h4so)-74,="" lean="" p0171="" system="" to="" too="" —="" —,<br="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0172	System Too Rich (Bank 1)	<ref. (bank="" 1)="" dtc="" gd(h4so)-77,="" p0172="" rich="" system="" to="" too="" —="" —,<br="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0181	Fuel Temperature Sensor "A" Circuit Range/Performance	<ref. "a"<br="" dtc="" fuel="" gd(h4so)-80,="" p0181="" sensor="" temperature="" to="" —="">CIRCUIT RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0182	Fuel Temperature Sensor "A" Circuit Low Input	<ref. "a"<br="" dtc="" fuel="" gd(h4so)-82,="" p0182="" sensor="" temperature="" to="" —="">CIRCUIT LOW INPUT —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0183	Fuel Temperature Sensor "A" Circuit High Input	<ref. "a"<br="" dtc="" fuel="" gd(h4so)-84,="" p0183="" sensor="" temperature="" to="" —="">CIRCUIT HIGH INPUT —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0301	Cylinder 1 Misfire Detected	<ref. 1="" cylinder="" detected<br="" dtc="" gd(h4so)-86,="" misfire="" p0301="" to="" —="">—, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0302	Cylinder 2 Misfire Detected	<ref. 2="" cylinder="" detected<br="" dtc="" gd(h4so)-91,="" misfire="" p0302="" to="" —="">—, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0303	Cylinder 3 Misfire Detected	<ref. 3="" cylinder="" detected<br="" dtc="" gd(h4so)-91,="" misfire="" p0303="" to="" —="">—, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0304	Cylinder 4 Misfire Detected	<ref. 4="" cylinder="" detected<br="" dtc="" gd(h4so)-91,="" misfire="" p0304="" to="" —="">—, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

DTC	Item	Index
P0327	Knock Sensor 1 Circuit Low Input (Bank 1 or Single Sensor)	<ref. 1="" circuit="" dtc="" gd(h4so)-92,="" knock="" low<br="" p0327="" sensor="" to="" —="">INPUT (BANK 1 OR SINGLE SENSOR) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0328	Knock Sensor 1 Circuit High Input (Bank 1 or Single Sensor)	<ref. 1="" circuit="" dtc="" gd(h4so)-94,="" high<br="" knock="" p0328="" sensor="" to="" —="">INPUT (BANK 1 OR SINGLE SENSOR) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0335	Crankshaft Position Sensor "A" Cir- cuit	<ref. crankshaft="" dtc="" gd(h4so)-96,="" p0335="" position="" sensor<br="" to="" —="">"A" CIRCUIT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0336	Crankshaft Position Sensor "A" Cir- cuit Range/Performance	<ref. crankshaft="" dtc="" gd(h4so)-98,="" p0336="" position="" sensor<br="" to="" —="">"A" CIRCUIT RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0340	Camshaft Position Sensor "A" Circuit (Bank 1 or Single Sensor)	<ref. camshaft="" dtc="" gd(h4so)-101,="" p0340="" position="" sensor<br="" to="" —="">"A" CIRCUIT (BANK 1 OR SINGLE SENSOR) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0341	Camshaft Position Sensor "A" Circuit Range/Performance (Bank 1 or Sin- gle Sensor)	<ref. camshaft="" dtc="" gd(h4so)-103,="" p0341="" position="" sensor<br="" to="" —="">"A" CIRCUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SENSOR) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0400	Exhaust Gas Recirculation Flow	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" egr="" gd(h4so)-105,="" p0400="" system="" to="" trouble="" —="" —,=""></ref.>
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	<ref. catalyst="" dtc="" efficiency<br="" gd(h4so)-109,="" p0420="" system="" to="" —="">BELOW THRESHOLD (BANK 1) —, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0442	Evaporative Emission Control Sys- tem Leak Detected (Small Leak)	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-114,="" p0442="" to="" —="">TROL SYSTEM LEAK DETECTED (SMALL LEAK) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0447	Evaporative Emission Control Sys- tem Vent Control Circuit Open	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-138,="" p0447="" to="" —="">TROL SYSTEM VENT CONTROL CIRCUIT OPEN —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0448	Evaporative Emission Control Sys- tem Vent Control Circuit Shorted	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-140,="" p0448="" to="" —="">TROL SYSTEM VENT CONTROL CIRCUIT SHORTED —, Diagnostic Trou- ble Code (DTC) Detecting Criteria.></ref.>
P0451	Evaporative Emission Control Sys- tem Pressure Sensor Range/Perfor- mance	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-142,="" p0451="" to="" —="">TROL SYSTEM PRESSURE SENSOR RANGE/PERFORMANCE —, Diag- nostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0452	Evaporative Emission Control Sys- tem Pressure Sensor Low Input	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-145,="" p0452="" to="" —="">TROL SYSTEM PRESSURE SENSOR LOW INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0453	Evaporative Emission Control Sys- tem Pressure Sensor High Input	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-147,="" p0453="" to="" —="">TROL SYSTEM PRESSURE SENSOR HIGH INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0456	Evaporative Emission Control Sys- tem Leak Detected (Very Small Leak)	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-149,="" p0456="" to="" —="">TROL SYSTEM LEAK DETECTED (VERY SMALL LEAK) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0457	Evaporative Emission Control Sys- tem Leak Detected (Fuel Cap Loose/ Off)	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-149,="" p0457="" to="" —="">TROL SYSTEM LEAK DETECTED (FUEL CAP LOOSE/OFF) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0458	Evaporative Emission Control Sys- tem Purge Control Valve Circuit Low	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-150,="" p0458="" to="" —="">TROL SYSTEM PURGE CONTROL VALVE CIRCUIT LOW —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0459	Evaporative Emission Control Sys- tem Purge Control Valve Circuit High	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so)-152,="" p0459="" to="" —="">TROL SYSTEM PURGE CONTROL VALVE CIRCUIT HIGH —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0461	Fuel Level Sensor Circuit Range/Per- formance	<ref. circuit<br="" dtc="" fuel="" gd(h4so)-154,="" level="" p0461="" sensor="" to="" —="">RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0462	Fuel Level Sensor Circuit Low Input	<ref. circuit<br="" dtc="" fuel="" gd(h4so)-156,="" level="" p0462="" sensor="" to="" —="">LOW INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

DTC	Item	Index
P0463	Fuel Level Sensor Circuit High Input	<ref. circuit<="" dtc="" fuel="" gd(h4so)-158,="" level="" p0463="" sensor="" td="" to="" —=""></ref.>
DO 4 O 4		HIGH INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0464	Fuel Level Sensor Circuit Intermittent	<ref. circuit<br="" dtc="" fuel="" gd(h4so)-160,="" level="" p0464="" sensor="" to="" —="">INTERMITTENT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0483	Cooling Fan Rationality Check	<ref. cooling="" dtc="" fan="" gd(h4so)-163,="" p0483="" rationality<br="" to="" —="">CHECK —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0502	Vehicle Speed Sensor Circuit Low Input	<ref. cir-<br="" dtc="" gd(h4so)-165,="" p0502="" sensor="" speed="" to="" vehicle="" —="">CUIT LOW INPUT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0503	Vehicle Speed Sensor Intermittent/ Erratic/High	<ref. dtc="" gd(h4so)-166,="" p0503="" sensor<br="" speed="" to="" vehicle="" —="">INTERMITTENT/ERRATIC/HIGH —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0506	Idle Control System RPM Lower Than Expected	<ref. control="" dtc="" gd(h4so)-167,="" idle="" p0506="" rpm<br="" system="" to="" —="">LOWER THAN EXPECTED —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0507	Idle Control System RPM Higher Than Expected	<ref. control="" dtc="" gd(h4so)-169,="" idle="" p0507="" rpm<br="" system="" to="" —="">HIGHER THAN EXPECTED —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0512	Starter Request Circuit	<ref. circuit="" dtc="" gd(h4so)-171,="" p0512="" request="" starter="" to="" —="" —,<br="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0519	Idle Control System Malfunction (Fail-Safe)	<ref. control="" dtc="" gd(h4so)-172,="" idle="" mal-<br="" p0519="" system="" to="" —="">FUNCTION (FAIL-SAFE) —, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0565	Cruise Control On Signal	<ref. control="" cruise="" dtc="" gd(h4so)-173,="" on="" p0565="" signal="" to="" —="" —<br="">, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. control="" dtc="" gd(h4so)-174,="" internal="" module<br="" p0604="" to="" —="">RANDOM ACCESS MEMORY (RAM) ERROR —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0691	Cooling Fan 1 Control Circuit Low	<ref. 1="" cir-<br="" control="" cooling="" dtc="" fan="" gd(h4so)-175,="" p0691="" to="" —="">CUIT LOW —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0692	Cooling Fan 1 Control Circuit High	<ref. 1="" cir-<br="" control="" cooling="" dtc="" fan="" gd(h4so)-176,="" p0692="" to="" —="">CUIT HIGH —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0703	Torque Converter/Brake Switch "B" Circuit	<ref. brake<br="" converter="" dtc="" gd(h4so)-177,="" p0703="" to="" torque="" —="">SWITCH "B" CIRCUIT —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0705	Transmission Range Sensor Circuit (PRNDL Input)	<ref. dtc="" gd(h4so)-178,="" p0705="" range="" sensor<br="" to="" transmission="" —="">CIRCUIT (PRNDL INPUT) —, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0710	Transmission Fluid Temperature Sensor Circuit	<ref. dtc="" fluid="" gd(h4so)-180,="" p0710="" temper-<br="" to="" transmission="" —="">ATURE SENSOR CIRCUIT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0716	Input/Turbine Speed Sensor Circuit Range/Performance	<ref. dtc="" gd(h4so)-181,="" input="" p0716="" sensor<br="" speed="" to="" turbine="" —="">CIRCUIT RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0720	Output Speed Sensor Circuit	<ref. cir-<br="" dtc="" gd(h4so)-182,="" output="" p0720="" sensor="" speed="" to="" —="">CUIT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0726	Engine Speed Input Circuit Range/ Performance	<ref. circuit<br="" dtc="" engine="" gd(h4so)-183,="" input="" p0726="" speed="" to="" —="">RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0731	Gear 1 Incorrect Ratio	<ref. 1="" dtc="" gd(h4so)-184,="" gear="" incorrect="" p0731="" ratio="" to="" —="" —,<br="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0732	Gear 2 Incorrect Ratio	<ref. 2="" dtc="" gd(h4so)-185,="" gear="" incorrect="" p0732="" ratio="" to="" —="" —,<br="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0733	Gear 3 Incorrect Ratio	<ref. 3="" dtc="" gd(h4so)-186,="" gear="" incorrect="" p0733="" ratio="" to="" —="" —,<br="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0734	Gear 4 Incorrect Ratio	<ref. 4="" dtc="" gd(h4so)-187,="" gear="" incorrect="" p0734="" ratio="" to="" —="" —,<br="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

DTC	Item	Index
P0741	Torque Converter Clutch Circuit Per- formance or Stuck Off	<ref. clutch<br="" converter="" dtc="" gd(h4so)-188,="" p0741="" to="" torque="" —="">CIRCUIT PERFORMANCE OR STUCK OFF —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0743	Torque Converter Clutch Circuit Elec- trical	<ref. clutch<br="" converter="" dtc="" gd(h4so)-189,="" p0743="" to="" torque="" —="">CIRCUIT ELECTRICAL —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0748	Pressure Control Solenoid "A" Elec- trical	<ref. control="" dtc="" gd(h4so)-190,="" p0748="" pressure="" sole-<br="" to="" —="">NOID "A" ELECTRICAL —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0753	Shift Solenoid "A" Electrical	<ref. "a"="" dtc="" electri-<br="" gd(h4so)-191,="" p0753="" shift="" solenoid="" to="" —="">CAL —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0758	Shift Solenoid "B" Electrical	<ref. "b"="" dtc="" electri-<br="" gd(h4so)-192,="" p0758="" shift="" solenoid="" to="" —="">CAL —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0771	Shift Solenoid "E" Performance or Stuck Off	<ref. "e"="" dtc="" gd(h4so)-193,="" p0771="" perfor-<br="" shift="" solenoid="" to="" —="">MANCE OR STUCK OFF —, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0778	Pressure Control Solenoid "B" Elec- trical	<ref. control="" dtc="" gd(h4so)-194,="" p0778="" pressure="" sole-<br="" to="" —="">NOID "B" ELECTRICAL —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0785	Shift/Timing Solenoid	<ref. dtc="" gd(h4so)-195,="" p0785="" shift="" solenoid="" timing="" to="" —="" —,<br="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0851	Neutral Switch Input Circuit Low	<ref. cir-<br="" dtc="" gd(h4so)-196,="" input="" neutral="" p0851="" switch="" to="" —="">CUIT LOW —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0852	Neutral Switch Input Circuit High	<ref. cir-<br="" dtc="" gd(h4so)-198,="" input="" neutral="" p0852="" switch="" to="" —="">CUIT HIGH —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0864	TCM Communication Circuit Range/ Performance	<ref. circuit<br="" communication="" dtc="" gd(h4so)-200,="" p0864="" tcm="" to="" —="">RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0865	TCM Communication Circuit Low	<ref. circuit<br="" communication="" dtc="" gd(h4so)-201,="" p0865="" tcm="" to="" —="">LOW —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0866	TCM Communication Circuit High	<ref. circuit<br="" communication="" dtc="" gd(h4so)-202,="" p0866="" tcm="" to="" —="">HIGH —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1110	Atmospheric Pressure Sensor Circuit Malfunction (Low Input)	<ref. atmospheric="" dtc="" gd(h4so)-203,="" p1110="" pressure="" sen-<br="" to="" —="">SOR CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1111	Atmospheric Pressure Sensor Circuit Malfunction (High Input)	<ref. atmospheric="" dtc="" gd(h4so)-204,="" p1111="" pressure="" sen-<br="" to="" —="">SOR CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1134	A/F Sensor Micro-Computer Problem	<ref. a="" dtc="" f="" gd(h4so)-205,="" micro-computer<br="" p1134="" sensor="" to="" —="">PROBLEM —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1137	O ₂ Sensor Circuit Low Voltage (Bank 1 Sensor 2)	<ref. dtc="" gd(h4so)-207,="" o<sub="" p1137="" to="" —="">2 SENSOR CIRCUIT LOW VOLT- AGE (BANK 1 SENSOR 2) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1400	Fuel Tank Pressure Control Solenoid Valve Circuit Low	<ref. con-<br="" dtc="" fuel="" gd(h4so)-209,="" p1400="" pressure="" tank="" to="" —="">TROL SOLENOID VALVE CIRCUIT LOW —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1420	Fuel Tank Pressure Control Sol. Valve Circuit High	<ref. con-<br="" dtc="" fuel="" gd(h4so)-211,="" p1420="" pressure="" tank="" to="" —="">TROL SOL. VALVE CIRCUIT HIGH —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1443	Vent Control Solenoid Valve Function Problem	<ref. control="" dtc="" gd(h4so)-213,="" p1443="" solenoid<br="" to="" vent="" —="">VALVE FUNCTION PROBLEM —, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P1446	Fuel Tank Sensor Control Valve Cir- cuit Low	Ref. to GD(H4SO)-214, DTC P1446 — FUEL TANK SENSOR CONTROL VALVE CIRCUIT LOW —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.>

DTC	Item	Index
P1447	Fuel Tank Sensor Control Valve Cir- cuit High	<ref. control<br="" dtc="" fuel="" gd(h4so)-216,="" p1447="" sensor="" tank="" to="" —="">VALVE CIRCUIT HIGH —, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P1448	Fuel Tank Sensor Control Valve Range/Performance	<ref. control<br="" dtc="" fuel="" gd(h4so)-218,="" p1448="" sensor="" tank="" to="" —="">VALVE RANGE/PERFORMANCE —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1492	EGR Solenoid Valve Signal #1 Cir- cuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4so)-222,="" p1492="" signal<br="" solenoid="" to="" valve="" —="">#1 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1493	EGR Solenoid Valve Signal #1 Cir- cuit Malfunction (High Input)	<ref. dtc="" egr="" gd(h4so)-224,="" p1493="" signal<br="" solenoid="" to="" valve="" —="">#1 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1494	EGR Solenoid Valve Signal #2 Cir- cuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4so)-226,="" p1494="" signal<br="" solenoid="" to="" valve="" —="">#2 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1495	EGR Solenoid Valve Signal #2 Cir- cuit Malfunction (High Input)	<ref. dtc="" egr="" gd(h4so)-228,="" p1495="" signal<br="" solenoid="" to="" valve="" —="">#2 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1496	EGR Solenoid Valve Signal #3 Cir- cuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4so)-230,="" p1496="" signal<br="" solenoid="" to="" valve="" —="">#3 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1497	EGR Solenoid Valve Signal #3 Cir- cuit Malfunction (High Input)	<ref. dtc="" egr="" gd(h4so)-232,="" p1497="" signal<br="" solenoid="" to="" valve="" —="">#3 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1498	EGR Solenoid Valve Signal #4 Cir- cuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4so)-234,="" p1498="" signal<br="" solenoid="" to="" valve="" —="">#4 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1499	EGR Solenoid Valve Signal #4 Cir- cuit Malfunction (High Input)	<ref. dtc="" egr="" gd(h4so)-236,="" p1499="" signal<br="" solenoid="" to="" valve="" —="">#4 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1510	ISC Solenoid Valve Signal #1 Circuit Malfunction (Low Input)	<ref. #1<br="" dtc="" gd(h4so)-238,="" isc="" p1510="" signal="" solenoid="" to="" valve="" —="">CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1511	ISC Solenoid Valve Signal #1 Circuit Malfunction (High Input)	<ref. #1<br="" dtc="" gd(h4so)-240,="" isc="" p1511="" signal="" solenoid="" to="" valve="" —="">CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1512	ISC Solenoid Valve Signal #2 Circuit Malfunction (Low Input)	<ref. #2<br="" dtc="" gd(h4so)-242,="" isc="" p1512="" signal="" solenoid="" to="" valve="" —="">CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1513	ISC Solenoid Valve Signal #2 Circuit Malfunction (High Input)	<ref. #2<br="" dtc="" gd(h4so)-244,="" isc="" p1513="" signal="" solenoid="" to="" valve="" —="">CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1514	ISC Solenoid Valve Signal #3 Circuit Malfunction (Low Input)	<ref. #3<br="" dtc="" gd(h4so)-246,="" isc="" p1514="" signal="" solenoid="" to="" valve="" —="">CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1515	ISC Solenoid Valve Signal #3 Circuit Malfunction (High Input)	<ref. #3<br="" dtc="" gd(h4so)-248,="" isc="" p1515="" signal="" solenoid="" to="" valve="" —="">CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1516	ISC Solenoid Valve Signal #4 Circuit Malfunction (Low Input)	<ref. #4<br="" dtc="" gd(h4so)-250,="" isc="" p1516="" signal="" solenoid="" to="" valve="" —="">CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1517	ISC Solenoid Valve Signal #4 Circuit Malfunction (High Input)	<ref. #4<br="" dtc="" gd(h4so)-252,="" isc="" p1517="" signal="" solenoid="" to="" valve="" —="">CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1518	Starter Switch Circuit Low Input	<ref. (dtc)="" circuit="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4so)-254,="" input="" low="" p1518="" starter="" switch="" to="" trouble="" —="" —,=""></ref.>

DTC	Item	Index
P1560	Back-Up Voltage Circuit Malfunction	<ref. back-up="" circuit<br="" dtc="" gd(h4so)-255,="" p1560="" to="" voltage="" —="">MALFUNCTION —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1698	Engine Torque Control Cut Signal Circuit Malfunction (Low Input)	<ref. control="" cut<br="" dtc="" engine="" gd(h4so)-256,="" p1698="" to="" torque="" —="">SIGNAL CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1699	Engine Torque Control Cut Signal Circuit Malfunction (High Input)	<ref. control="" cut<br="" dtc="" engine="" gd(h4so)-257,="" p1699="" to="" torque="" —="">SIGNAL CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1700	Throttle Position Sensor Circuit Mal- function For AT	<ref. dtc="" gd(h4so)-258,="" p1700="" position="" sensor<br="" throttle="" to="" —="">CIRCUIT MALFUNCTION FOR AT —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1711	Engine Torque Control Signal #1 Cir- cuit Malfunction	<ref. control="" dtc="" engine="" gd(h4so)-260,="" p1711="" sig-<br="" to="" torque="" —="">NAL #1 CIRCUIT MALFUNCTION —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1712	Engine Torque Control Signal #2 Cir- cuit Malfunction	<ref. control="" dtc="" engine="" gd(h4so)-261,="" p1712="" sig-<br="" to="" torque="" —="">NAL #2 CIRCUIT MALFUNCTION —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2096	Post Catalyst Fuel Trim System Too Lean Bank 1	<ref. catalyst="" dtc="" fuel="" gd(h4so)-262,="" p2096="" post="" to="" trim<br="" —="">SYSTEM TOO LEAN BANK 1 —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2097	Post Catalyst Fuel Trim System Too Rich Bank 1	<ref. catalyst="" dtc="" fuel="" gd(h4so)-264,="" p2097="" post="" to="" trim<br="" —="">SYSTEM TOO RICH BANK 1 —, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>