A: LIST

DTC	Item	Index
P0026	Intake Valve Control Solenoid Cir- cuit Range/Performance (Bank 1)	<ref. control="" dtc="" gd(h4so="" intake="" p0026="" sole-<br="" to="" u5)-9,="" valve="">NOID CIRCUIT RANGE/PERFORMANCE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0028	Intake Valve Control Solenoid Cir- cuit Range/Performance (Bank 2)	<ref. control="" dtc="" gd(h4so="" intake="" p0028="" sole-<br="" to="" u5)-11,="" valve="">NOID CIRCUIT RANGE/PERFORMANCE (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0030	HO2S Heater Control Circuit (Bank 1 Sensor 1)	<ref. cir-<br="" control="" dtc="" gd(h4so="" heater="" ho2s="" p0030="" to="" u5)-11,="">CUIT (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="" heater="" ho2s="" p0031="" to="" u5)-13,="">CUIT LOW (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0032	HO2S Heater Control Circuit High (Bank 1 Sensor 1)	<ref. cir-<br="" control="" dtc="" gd(h4so="" heater="" ho2s="" p0032="" to="" u5)-15,="">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="" heater="" ho2s="" p0037="" to="" u5)-17,="">CUIT LOW (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0038	HO2S Heater Control Circuit High (Bank 1 Sensor 2)	<ref. cir-<br="" control="" dtc="" gd(h4so="" heater="" ho2s="" p0038="" to="" u5)-19,="">CUIT HIGH (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0068	MAP/MAF - Throttle Position Cor- relation	<ref. -="" dtc="" gd(h4so="" maf="" map="" p0068="" position<br="" throttle="" to="" u5)-21,="">CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0076	Intake Valve Control Solenoid Cir- cuit Low (Bank 1)	<ref. control="" dtc="" gd(h4so="" intake="" p0076="" sole-<br="" to="" u5)-23,="" valve="">NOID CIRCUIT LOW (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0077	Intake Valve Control Solenoid Cir- cuit High (Bank 1)	<ref. control="" dtc="" gd(h4so="" intake="" p0077="" sole-<br="" to="" u5)-24,="" valve="">NOID CIRCUIT HIGH (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0082	Intake Valve Control Solenoid Cir- cuit Low (Bank 2)	<ref. control="" dtc="" gd(h4so="" intake="" p0082="" sole-<br="" to="" u5)-25,="" valve="">NOID CIRCUIT LOW (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0083	Intake Valve Control Solenoid Cir- cuit High (Bank 2)	<ref. control="" dtc="" gd(h4so="" intake="" p0083="" sole-<br="" to="" u5)-25,="" valve="">NOID CIRCUIT HIGH (BANK 2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0101	Mass or Volume Air Flow Circuit Range/Performance	<ref. air="" dtc="" flow<br="" gd(h4so="" mass="" or="" p0101="" to="" u5)-26,="" volume="">CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0102	Mass or Volume Air Flow Circuit Low Input	<ref. air="" dtc="" flow<br="" gd(h4so="" mass="" or="" p0102="" to="" u5)-29,="" volume="">CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0103	Mass or Volume Air Flow Circuit High Input	<ref. air="" dtc="" flow<br="" gd(h4so="" mass="" or="" p0103="" to="" u5)-31,="" volume="">CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0107	Manifold Absolute Pressure/Baro- metric Pressure Circuit Low Input	<ref. absolute="" dtc="" gd(h4so="" manifold="" p0107="" pres-<br="" to="" u5)-33,="">SURE/BAROMETRIC PRESSURE CIRCUIT LOW INPUT, Diagnostic Trou- ble Code (DTC) Detecting Criteria.></ref.>
P0108	Manifold Absolute Pressure/Baro- metric Pressure Circuit High Input	<ref. absolute="" dtc="" gd(h4so="" manifold="" p0108="" pres-<br="" to="" u5)-35,="">SURE/BAROMETRIC PRESSURE CIRCUIT HIGH INPUT, Diagnostic Trou- ble Code (DTC) Detecting Criteria.></ref.>
P0111	Intake Air Temperature Sensor 1 Circuit Range/Performance	<ref. air="" dtc="" gd(h4so="" intake="" p0111="" sen-<br="" temperature="" to="" u5)-37,="">SOR 1 CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0112	Intake Air Temperature Sensor 1 Circuit Low	<ref. air="" dtc="" gd(h4so="" intake="" p0112="" sen-<br="" temperature="" to="" u5)-39,="">SOR 1 CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

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P0113	Intake Air Temperature Sensor 1 Circuit High	<ref. air="" dtc="" gd(h4so="" intake="" p0113="" sen-<br="" temperature="" to="" u5)-41,="">SOR 1 CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0117	Engine Coolant Temperature Cir- cuit Low	<ref. coolant="" dtc="" engine="" gd(h4so="" p0117="" tempera-<br="" to="" u5)-43,="">TURE CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0118	Engine Coolant Temperature Cir- cuit High	<ref. coolant="" dtc="" engine="" gd(h4so="" p0118="" tempera-<br="" to="" u5)-45,="">TURE CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0122	Throttle/Pedal Position Sensor/ Switch "A" Circuit Low	<ref. dtc="" gd(h4so="" p0122="" pedal="" position<br="" throttle="" to="" u5)-47,="">SENSOR/SWITCH "A" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0123	Throttle/Pedal Position Sensor/ Switch "A" Circuit High	<ref. dtc="" gd(h4so="" p0123="" pedal="" position<br="" throttle="" to="" u5)-49,="">SENSOR/SWITCH "A" CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0125	Insufficient Coolant Temperature For Closed Loop Fuel Control	<ref. coolant="" dtc="" gd(h4so="" insufficient="" p0125="" tem-<br="" to="" u5)-51,="">PERATURE FOR CLOSED LOOP FUEL CONTROL, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0126	Insufficient Engine Coolant Tem- perature For Stable Operation	<ref. coolant<br="" dtc="" engine="" gd(h4so="" insufficient="" p0126="" to="" u5)-53,="">TEMPERATURE FOR STABLE OPERATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0128	Coolant Thermostat (Engine Cool- ant Temperature Below Thermo- stat Regulating Temperature)	<ref. (engine<br="" coolant="" dtc="" gd(h4so="" p0128="" thermostat="" to="" u5)-55,="">COOLANT TEMPERATURE BELOW THERMOSTAT REGULATING TEM- PERATURE), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0131	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 1)	<ref. circuit="" dtc="" gd(h4so="" low="" o2="" p0131="" sensor="" to="" u5)-57,="" volt-<br="">AGE (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0132	O2 Sensor Circuit High Voltage (Bank 1 Sensor 1)	<ref. circuit="" dtc="" gd(h4so="" high="" o2="" p0132="" sensor="" to="" u5)-59,="" volt-<br="">AGE (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0133	O2 Sensor Circuit Slow Response (Bank 1 Sensor 1)	<ref. circuit="" dtc="" gd(h4so="" o2="" p0133="" sensor="" slow<br="" to="" u5)-61,="">RESPONSE (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0134	O2 Sensor Circuit No Activity Detected (Bank 1 Sensor 1)	<ref. activ-<br="" circuit="" dtc="" gd(h4so="" no="" o2="" p0134="" sensor="" to="" u5)-64,="">ITY DETECTED (BANK 1 SENSOR 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0137	O2 Sensor Circuit Low Voltage (Bank 1 Sensor 2)	<ref. circuit="" dtc="" gd(h4so="" low="" o2="" p0137="" sensor="" to="" u5)-66,="" volt-<br="">AGE (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0138	O2 Sensor Circuit High Voltage (Bank 1 Sensor 2)	<ref. circuit="" dtc="" gd(h4so="" high="" o2="" p0138="" sensor="" to="" u5)-68,="" volt-<br="">AGE (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0139	O2 Sensor Circuit Slow Response (Bank 1 Sensor 2)	<ref. circuit="" dtc="" gd(h4so="" o2="" p0139="" sensor="" slow<br="" to="" u5)-69,="">RESPONSE (BANK 1 SENSOR 2), Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P0140	O2 Sensor Circuit No Activity Detected (Bank1 Sensor2)	<ref. activ-<br="" circuit="" dtc="" gd(h4so="" no="" o2="" p0140="" sensor="" to="" u5)-74,="">ITY DETECTED (BANK1 SENSOR2), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0171	System Too Lean (Bank 1)	<ref. (bank="" 1),<br="" dtc="" gd(h4so="" lean="" p0171="" system="" to="" too="" u5)-76,="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0172	System Too Rich (Bank 1)	Ref. to GD(H4SO U5)-78, DTC P0172 SYSTEM TOO RICH (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.>
P0181	Fuel Temperature Sensor "A" Cir- cuit Range/Performance	<ref. dtc="" fuel="" gd(h4so="" p0181="" sensor<br="" temperature="" to="" u5)-80,="">"A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0182	Fuel Temperature Sensor "A" Cir- cuit Low Input	<ref. dtc="" fuel="" gd(h4so="" p0182="" sensor<br="" temperature="" to="" u5)-83,="">"A" CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>

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P0183	Fuel Temperature Sensor "A" Cir- cuit High Input	<ref. dtc="" fuel="" gd(h4so="" p0183="" sensor<br="" temperature="" to="" u5)-85,="">"A" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0196	Engine Oil Temperature Sensor Circuit Range/Performance	<ref. dtc="" engine="" gd(h4so="" oil="" p0196="" sen-<br="" temperature="" to="" u5)-87,="">SOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0197	Engine Oil Temperature Sensor Low	<ref. dtc="" engine="" gd(h4so="" oil="" p0197="" sen-<br="" temperature="" to="" u5)-89,="">SOR LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0198	Engine Oil Temperature Sensor High	<ref. dtc="" engine="" gd(h4so="" oil="" p0198="" sen-<br="" temperature="" to="" u5)-90,="">SOR HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0222	Throttle/Pedal Position Sensor/ Switch "B" Circuit Low	<ref. dtc="" gd(h4so="" p0222="" pedal="" position<br="" throttle="" to="" u5)-91,="">SENSOR/SWITCH "B" CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0223	Throttle/Pedal Position Sensor/ Switch "B" Circuit High	<ref. dtc="" gd(h4so="" p0223="" pedal="" position<br="" throttle="" to="" u5)-93,="">SENSOR/SWITCH "B" CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0301	Cylinder 1 Misfire Detected	<ref. 1="" cylinder="" detected,<br="" dtc="" gd(h4so="" misfire="" p0301="" to="" u5)-95,="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0302	Cylinder 2 Misfire Detected	<ref. 2="" cylinder="" dtc="" gd(h4so="" misfire<br="" p0302="" to="" u5)-100,="">DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0303	Cylinder 3 Misfire Detected	<ref. 3="" cylinder="" dtc="" gd(h4so="" misfire<br="" p0303="" to="" u5)-100,="">DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0304	Cylinder 4 Misfire Detected	<ref. 4="" cylinder="" dtc="" gd(h4so="" misfire<br="" p0304="" to="" u5)-100,="">DETECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0327	Knock Sensor 1 Circuit Low (Bank 1 or Single Sensor)	<ref. 1="" circuit<br="" dtc="" gd(h4so="" knock="" p0327="" sensor="" to="" u5)-101,="">LOW (BANK 1 OR SINGLE SENSOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0328	Knock Sensor 1 Circuit High (Bank 1 or Single Sensor)	<ref. 1="" circuit<br="" dtc="" gd(h4so="" knock="" p0328="" sensor="" to="" u5)-103,="">HIGH (BANK 1 OR SINGLE SENSOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0335	Crankshaft Position Sensor "A" Cir- cuit	<ref. crankshaft="" dtc="" gd(h4so="" p0335="" position="" sen-<br="" to="" u5)-105,="">SOR "A" CIRCUIT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0336	Crankshaft Position Sensor "A" Cir- cuit Range/Performance	<ref. crankshaft="" dtc="" gd(h4so="" p0336="" position="" sen-<br="" to="" u5)-107,="">SOR "A" CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0340	Camshaft Position Sensor "A" Cir- cuit (Bank 1 or Single Sensor)	<ref. camshaft="" dtc="" gd(h4so="" p0340="" position="" sensor<br="" to="" u5)-109,="">"A" CIRCUIT (BANK 1 OR SINGLE SENSOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0341	Camshaft Position Sensor "A" Cir- cuit Range/Performance (Bank 1 or Single Sensor)	<ref. camshaft="" dtc="" gd(h4so="" p0341="" position="" sensor<br="" to="" u5)-111,="">"A" CIRCUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SENSOR), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0400	Exhaust Gas Recirculation Flow	<ref. dtc="" exhaust="" gas="" gd(h4so="" p0400="" recirculation<br="" to="" u5)-113,="">FLOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0420	Catalyst System Efficiency Below Threshold (Bank 1)	<ref. catalyst="" dtc="" efficiency<br="" gd(h4so="" p0420="" system="" to="" u5)-117,="">BELOW THRESHOLD (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0442	Evaporative Emission Control Sys- tem Leak Detected (Small Leak)	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so="" p0442="" to="" u5)-119,="">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="" p0447="" to="" u5)-134,="">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="" p0448="" to="" u5)-136,="">TROL SYSTEM VENT CONTROL CIRCUIT SHORTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

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P0451	Evaporative Emission Control Sys- tem Pressure Sensor	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so="" p0451="" to="" u5)-138,="">TROL SYSTEM PRESSURE SENSOR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0452	Evaporative Emission Control Sys- tem Pressure Sensor Low Input	<ref. con-<br="" dtc="" emission="" evaporative="" gd(h4so="" p0452="" to="" u5)-140,="">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="" p0453="" to="" u5)-142,="">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="" p0456="" to="" u5)-144,="">TROL SYSTEM LEAK DETECTED (VERY SMALL LEAK), Diagnostic Trou- ble 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="" p0457="" to="" u5)-144,="">TROL SYSTEM LEAK DETECTED (FUEL CAP LOOSE/OFF), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0458	Evaporative Emission System Purge Control Valve Circuit Low	<ref. dtc="" emission="" evaporative="" gd(h4so="" p0458="" sys-<br="" to="" u5)-145,="">TEM PURGE 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(h4so="" p0459="" sys-<br="" to="" u5)-147,="">TEM PURGE CONTROL VALVE CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0461	Fuel Level Sensor "A" Circuit Range/Performance	<ref. "a"="" cir-<br="" dtc="" fuel="" gd(h4so="" level="" p0461="" sensor="" to="" u5)-149,="">CUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0462	Fuel Level Sensor "A" Circuit Low	<ref. "a"="" cir-<br="" dtc="" fuel="" gd(h4so="" level="" p0462="" sensor="" to="" u5)-151,="">CUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0463	Fuel Level Sensor "A" Circuit High	<ref. "a"="" cir-<br="" dtc="" fuel="" gd(h4so="" level="" p0463="" sensor="" to="" u5)-153,="">CUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0464	Fuel Level Sensor Circuit Intermit- tent	<ref. circuit<br="" dtc="" fuel="" gd(h4so="" level="" p0464="" sensor="" to="" u5)-155,="">INTERMITTENT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0483	Fan Rationality Check	<ref. (dtc)="" check,="" code="" criteria.="" detecting="" diagnostic="" dtc="" fan="" gd(h4so="" p0483="" rationality="" to="" trouble="" u5)-158,=""></ref.>
P0500	Vehicle Speed Sensor "A"	<ref. "a",<br="" dtc="" gd(h4so="" p0500="" sensor="" speed="" to="" u5)-159,="" vehicle="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0506	Idle Air Control System RPM Lower Than Expected	<ref. air="" control="" dtc="" gd(h4so="" idle="" p0506="" system<br="" to="" u5)-161,="">RPM LOWER THAN EXPECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0507	Idle Air Control System RPM Higher Than Expected	<ref. air="" control="" dtc="" gd(h4so="" idle="" p0507="" system<br="" to="" u5)-163,="">RPM HIGHER THAN EXPECTED, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0512	Starter Request Circuit	<ref. circuit,<br="" dtc="" gd(h4so="" p0512="" request="" starter="" to="" u5)-165,="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0513	Incorrect Immobilizer Key	<ref. dtc="" gd(h4so="" immobilizer="" incorrect="" key,<br="" p0513="" to="" u5)-166,="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0519	Idle Air Control System Perfor- mance	<ref. air="" control="" dtc="" gd(h4so="" idle="" p0519="" system<br="" to="" u5)-167,="">PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0600	Serial Communication Link	<ref. communication="" dtc="" gd(h4so="" link,<br="" p0600="" serial="" to="" u5)-168,="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0602	Control Module Programming Error	<ref. control="" dtc="" gd(h4so="" module="" p0602="" program-<br="" to="" u5)-169,="">MING ERROR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0604	Internal Control Module Random Access Memory (RAM) Error	<ref. control="" dtc="" gd(h4so="" internal="" module<br="" p0604="" to="" u5)-173,="">RANDOM ACCESS MEMORY (RAM) ERROR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0605	Internal Control Module Read Only Memory (ROM) Error	<ref. control="" dtc="" gd(h4so="" internal="" module<br="" p0605="" to="" u5)-175,="">READ ONLY MEMORY (ROM) ERROR, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

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P0607	Control Module Performance	<ref. control="" dtc="" gd(h4so="" module="" p0607="" perfor-<br="" to="" u5)-176,="">MANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0638	Throttle Actuator Control Range/ Performance (Bank 1)	<ref. actuator="" con-<br="" dtc="" gd(h4so="" p0638="" throttle="" to="" u5)-179,="">TROL RANGE/PERFORMANCE (BANK 1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0691	Fan 1 Control Circuit Low	<ref. 1="" circuit="" control="" dtc="" fan="" gd(h4so="" low,<br="" p0691="" to="" u5)-182,="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0692	Fan 1 Control Circuit High	<ref. 1="" circuit="" control="" dtc="" fan="" gd(h4so="" high,<br="" p0692="" to="" u5)-183,="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0700	Transmission Control System (MIL Request)	<ref. control="" dtc="" gd(h4so="" p0700="" sys-<br="" to="" transmission="" u5)-184,="">TEM (MIL REQUEST), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P0851	Park/Neutral Switch Input Circuit Low (AT Model)	<ref. dtc="" gd(h4so="" input<br="" neutral="" p0851="" park="" switch="" to="" u5)-185,="">CIRCUIT LOW (AT MODEL), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0851	Neutral Switch Input Circuit Low (MT Model)	<ref. cir-<br="" dtc="" gd(h4so="" input="" neutral="" p0851="" switch="" to="" u5)-186,="">CUIT LOW (MT MODEL), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P0852	Park/Neutral Switch Input Circuit High (AT Model)	<ref. dtc="" gd(h4so="" input<br="" neutral="" p0852="" park="" switch="" to="" u5)-187,="">CIRCUIT HIGH (AT MODEL), Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P0852	Neutral Switch Input Circuit High (MT Model)	<ref. cir-<br="" dtc="" gd(h4so="" input="" neutral="" p0852="" switch="" to="" u5)-188,="">CUIT HIGH (MT MODEL), Diagnostic Trouble Code (DTC) Detecting Crite- ria.></ref.>
P1152	O2 Sensor Circuit Range/Perfor- mance (Low) (Bank1 Sensor1)	<ref. <br="" circuit="" dtc="" gd(h4so="" o2="" p1152="" range="" sensor="" to="" u5)-189,="">PERFORMANCE (LOW) (BANK1 SENSOR1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1153	O2 Sensor Circuit Range/Perfor- mance (High) (Bank1 Sensor1)	<ref. <br="" circuit="" dtc="" gd(h4so="" o2="" p1153="" range="" sensor="" to="" u5)-192,="">PERFORMANCE (HIGH) (BANK1 SENSOR1), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1160	Return Spring Failure	<ref. diag-<br="" dtc="" failure,="" gd(h4so="" p1160="" return="" spring="" to="" u5)-195,="">nostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1400	Fuel Tank Pressure Control Sole- noid Valve Circuit Low	<ref. con-<br="" dtc="" fuel="" gd(h4so="" p1400="" pressure="" tank="" to="" u5)-197,="">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="" p1420="" pressure="" tank="" to="" u5)-199,="">TROL SOL. VALVE CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detect- ing Criteria.></ref.>
P1443	Vent Control Solenoid Valve Func- tion Problem	<ref. control="" dtc="" gd(h4so="" p1443="" solenoid<br="" to="" u5)-201,="" vent="">VALVE FUNCTION PROBLEM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1491	Positive Crankcase Ventilation (Blow-by) Function Problem	<ref. crankcase="" dtc="" gd(h4so="" p1491="" positive="" to="" u5)-203,="" venti-<br="">LATION (BLOW-BY) FUNCTION PROBLEM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1492	EGR Solenoid Valve Signal #1 Cir- cuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4so="" p1492="" signal<br="" solenoid="" to="" u5)-205,="" 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="" p1493="" signal<br="" solenoid="" to="" u5)-207,="" 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="" p1494="" signal<br="" solenoid="" to="" u5)-209,="" 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="" p1495="" signal<br="" solenoid="" to="" u5)-209,="" valve="">#2 CIRCUIT MALFUNCTION (HIGH INPUT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

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P1496	EGR Solenoid Valve Signal #3 Cir- cuit Malfunction (Low Input)	<ref. dtc="" egr="" gd(h4so="" p1496="" signal<br="" solenoid="" to="" u5)-209,="" 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="" p1497="" signal<br="" solenoid="" to="" u5)-209,="" 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="" p1498="" signal<br="" solenoid="" to="" u5)-209,="" 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="" p1499="" signal<br="" solenoid="" to="" u5)-209,="" valve="">#4 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="" input,="" low="" p1518="" starter="" switch="" to="" trouble="" u5)-210,=""></ref.>
P1560	Back-up Voltage Circuit Malfunc- tion	<ref. back-up="" circuit<br="" dtc="" gd(h4so="" p1560="" to="" u5)-211,="" voltage="">MALFUNCTION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1570	Antenna	<ref. (dtc)="" antenna,="" code="" criteria.="" detecting="" diagnostic="" dtc="" gd(h4so="" p1570="" to="" trouble="" u5)-212,=""></ref.>
P1571	Reference Code Incompatibility	<ref. code="" dtc="" gd(h4so="" incompati-<br="" p1571="" reference="" to="" u5)-212,="">BILITY, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1572	Imm Circuit Failure (Except Antenna Circuit)	<ref. (except<br="" circuit="" dtc="" failure="" gd(h4so="" imm="" p1572="" to="" u5)-212,="">ANTENNA CIRCUIT), Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1574	Key Communication Failure	<ref. communication="" dtc="" failure,<br="" gd(h4so="" key="" p1574="" to="" u5)-212,="">Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1576	EGI Control Module EEPROM	<ref. control="" dtc="" egi="" gd(h4so="" module<br="" p1576="" to="" u5)-212,="">EEPROM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1577	IMM Control Module EEPROM	<ref. control="" dtc="" gd(h4so="" imm="" module<br="" p1577="" to="" u5)-212,="">EEPROM, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P1578	Meter Failure	<ref. (dtc)="" code="" criteria.="" detecting="" diagnostic="" dtc="" failure,="" gd(h4so="" meter="" p1578="" to="" trouble="" u5)-212,=""></ref.>
P2096	Post Catalyst Fuel Trim System Too Lean Bank 1	<ref. catalyst="" dtc="" fuel="" gd(h4so="" p2096="" post="" to="" trim<br="" u5)-213,="">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="" p2097="" post="" to="" trim<br="" u5)-215,="">SYSTEM TOO RICH BANK 1, Diagnostic Trouble Code (DTC) Detecting Cri- teria.></ref.>
P2101	Throttle Actuator Control Motor Cir- cuit Range/Performance	<ref. actuator="" con-<br="" dtc="" gd(h4so="" p2101="" throttle="" to="" u5)-217,="">TROL MOTOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2102	Throttle Actuator Control Motor Cir- cuit Low	<ref. actuator="" con-<br="" dtc="" gd(h4so="" p2102="" throttle="" to="" u5)-219,="">TROL MOTOR CIRCUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2103	Throttle Actuator Control Motor Cir- cuit High	<ref. actuator="" con-<br="" dtc="" gd(h4so="" p2103="" throttle="" to="" u5)-221,="">TROL MOTOR CIRCUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2109	Throttle/Pedal Position Sensor "A" Minimum Stop Performance	<ref. dtc="" gd(h4so="" p2109="" pedal="" position<br="" throttle="" to="" u5)-223,="">SENSOR "A" MINIMUM STOP PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2122	Throttle/Pedal Position Sensor/ Switch "D" Circuit Low Input	<ref. dtc="" gd(h4so="" p2122="" pedal="" position<br="" throttle="" to="" u5)-225,="">SENSOR/SWITCH "D" CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2123	Throttle/Pedal Position Sensor/ Switch "D" Circuit High Input	<ref. dtc="" gd(h4so="" p2123="" pedal="" position<br="" throttle="" to="" u5)-227,="">SENSOR/SWITCH "D" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2127	Throttle/Pedal Position Sensor/ Switch "E" Circuit Low Input	<ref. dtc="" gd(h4so="" p2127="" pedal="" position<br="" throttle="" to="" u5)-229,="">SENSOR/SWITCH "E" CIRCUIT LOW INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>

GENERAL DESCRIPTION

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P2128	Throttle/Pedal Position Sensor/ Switch "E" Circuit High Input	<ref. dtc="" gd(h4so="" p2128="" pedal="" position<br="" throttle="" to="" u5)-231,="">SENSOR/SWITCH "E" CIRCUIT HIGH INPUT, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2135	Throttle/Pedal Position Sensor/ Switch "A"/"B" Voltage Correlation	<ref. dtc="" gd(h4so="" p2135="" pedal="" position<br="" throttle="" to="" u5)-233,="">SENSOR/SWITCH "A"/"B" VOLTAGE CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2138	Throttle/Pedal Position Sensor/ Switch "D"/"E" Voltage Correlation	<ref. dtc="" gd(h4so="" p2138="" pedal="" position<br="" throttle="" to="" u5)-235,="">SENSOR/SWITCH "D"/"E" VOLTAGE CORRELATION, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2227	Barometric Pressure Circuit Range/Performance	<ref. barometric="" cir-<br="" dtc="" gd(h4so="" p2227="" pressure="" to="" u5)-237,="">CUIT RANGE/PERFORMANCE, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2228	Barometric Pressure Circuit Low	<ref. barometric="" cir-<br="" dtc="" gd(h4so="" p2228="" pressure="" to="" u5)-238,="">CUIT LOW, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>
P2229	Barometric Pressure Circuit High	<ref. barometric="" cir-<br="" dtc="" gd(h4so="" p2229="" pressure="" to="" u5)-239,="">CUIT HIGH, Diagnostic Trouble Code (DTC) Detecting Criteria.></ref.>