18. List of Diagnostic Trouble Code (DTC) 5078525

A: LIST 5078525A12

DTC		
No.	Item	Index
P0031	Front oxygen (A/F) sensor heater circuit low input	<ref. (a="" dtc="" en-96,="" f)="" front="" oxygen="" p0031="" sen-<br="" to="" —="">SOR HEATER CIRCUIT LOW INPUT —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0032	Front oxygen (A/F) sensor heater circuit high input	<ref. (a="" dtc="" en-100,="" f)<="" front="" oxygen="" p="" p0032="" to="" —=""> SENSOR HEATER CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0037	Rear oxygen sensor heater circuit low input	<ref. dtc="" en-102,="" oxygen="" p0037="" rear="" sensor<br="" to="" —="">HEATER CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0038	Rear oxygen sensor heater circuit high input	<ref. dtc="" en-106,="" oxygen="" p0038="" rear="" sensor<br="" to="" —="">HEATER CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0065	Air assist injector solenoid valve malfunction	<ref. (dtc).="" air="" assist="" code="" diagnostic="" dtc="" en-108,="" injector="" malfunction="" p0065="" procedure="" solenoid="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P0066	Air assist injector solenoid valve circuit low input	<ref. (dtc).="" air="" assist="" circuit="" code="" diagnostic="" dtc="" en-110,="" injector="" input="" low="" p0066="" procedure="" solenoid="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P0067	Air assist injector solenoid valve circuit high input	<ref. (dtc).="" air="" assist="" circuit="" code="" diagnostic="" dtc="" en-112,="" high="" injector="" input="" p0067="" procedure="" solenoid="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P0106	Pressure sensor circuit range/performance prob- lem (low input)	<ref. cir-<br="" dtc="" en-114,="" p0106="" pressure="" sensor="" to="" —="">CUIT RANGE/PERFORMANCE PROBLEM (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0107	Pressure sensor circuit low input	<ref. cir-<br="" dtc="" en-116,="" p0107="" pressure="" sensor="" to="" —="">CUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0108	Pressure sensor circuit high input	<ref. cir-<br="" dtc="" en-120,="" p0108="" pressure="" sensor="" to="" —="">CUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0111	Intake air temperature sensor circuit range/ performance problem	<ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en-124,="" intake="" p0111="" performance="" problem="" procedure="" range="" sensor="" temperature="" to="" trouble="" with="" —="" —,=""></ref.>
P0112	Intake air temperature sensor circuit low input	<ref. air="" dtc="" en-126,="" intake="" p0112="" tempera-<br="" to="" —="">TURE SENSOR CIRCUIT LOW INPUT —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0113	Intake air temperature sensor circuit high input	<ref. air="" dtc="" en-128,="" intake="" p0113="" tempera-<br="" to="" —="">TURE SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0117	Engine coolant temperature sensor circuit low input	<ref. coolant="" dtc="" en-132,="" engine="" p0117="" tem-<br="" to="" —="">PERATURE SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0118	Engine coolant temperature sensor circuit high input	<ref. coolant="" dtc="" en-134,="" engine="" p0118="" tem-<br="" to="" —="">PERATURE SENSOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0121	Throttle position sensor circuit range/ performance problem (high input)	<ref. (dtc).="" (high="" circuit="" code="" diagnostic="" dtc="" en-138,="" input)="" p0121="" performance="" position="" problem="" procedure="" range="" sensor="" throttle="" to="" trouble="" with="" —="" —,=""></ref.>

DTC No.	Item	Index
P0122	Throttle position sensor circuit low input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en-140,="" input="" low="" p0122="" position="" procedure="" sensor="" throttle="" to="" trouble="" with="" —="" —,=""></ref.>
P0123	Throttle position sensor circuit high input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en-144,="" high="" input="" p0123="" position="" procedure="" sensor="" throttle="" to="" trouble="" with="" —="" —,=""></ref.>
P0125	Insufficient coolant temperature for closed loop fuel control	<ref. coolant<br="" dtc="" en-146,="" insufficient="" p0125="" to="" —="">TEMPERATURE FOR CLOSED LOOP FUEL CONTROL —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0128	Thermostat malfunction	<ref. (dtc).="" code="" diagnostic="" dtc="" en-148,="" malfunc-tion="" p0128="" procedure="" thermostat="" to="" trouble="" with="" —="" —,=""></ref.>
P0130	Front oxygen (A/F) sensor circuit range/ performance problem (Lean)	<ref. (a="" dtc="" en-150,="" f)<br="" front="" oxygen="" p0130="" to="" —="">SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM (LEAN) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0131	Front oxygen (A/F) sensor circuit malfunction (open circuit)	<ref. (a="" (dtc).="" (open="" circuit="" circuit)="" code="" diagnostic="" dtc="" en-154,="" f)="" front="" malfunction="" oxygen="" p0131="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0132	Front oxygen (A/F) sensor circuit malfunction (short circuit)	<ref. (a="" (dtc).="" (short="" circuit="" circuit)="" code="" diagnostic="" dtc="" en-156,="" f)="" front="" malfunction="" oxygen="" p0132="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0133	Front oxygen (A/F) sensor circuit slow response	<ref. (a="" (dtc).="" circuit="" code="" diagnostic="" dtc="" en-158,="" f)="" front="" oxygen="" p0133="" procedure="" response="" sensor="" slow="" to="" trouble="" with="" —="" —,=""></ref.>
P0137	Rear oxygen sensor circuit low input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en-160,="" input="" low="" oxygen="" p0137="" procedure="" rear="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0138	Rear oxygen sensor circuit high input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en-164,="" high="" input="" oxygen="" p0138="" procedure="" rear="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0139	Rear oxygen sensor circuit slow response	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en-168,="" oxygen="" p0139="" procedure="" rear="" response="" sensor="" slow="" to="" trouble="" with="" —="" —,=""></ref.>
P0171	Fuel trim malfunction (Lean)	<ref. (a="" (dtc).="" code="" diagnostic="" dtc="" en-170,="" f="" fuel="" lean)="" malfunction="" p0171="" procedure="" to="" too="" trim="" trouble="" with="" —="" —,=""></ref.>
P0172	Fuel trim malfunction (Rich)	<ref. #1="" (a="" (dtc).="" (rh)="" code="" diagnostic="" dtc="" en-170,="" f="" fuel="" mal-function="" p0172="" procedure="" rich)="" to="" too="" trim="" trouble="" with="" —="" —,=""></ref.>
P0181	Fuel temperature sensor A circuit range/ performance problem	<ref. dtc="" en-172,="" fuel="" p0181="" temperature<br="" to="" —="">SENSOR A CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0182	Fuel temperature sensor A circuit low input	<ref. (dtc).="" a="" circuit="" code="" diagnostic="" dtc="" en-174,="" fuel="" input="" low="" p0182="" procedure="" sensor="" temperature="" to="" trouble="" with="" —="" —,=""></ref.>
P0183	Fuel temperature sensor A circuit high input	<ref. (dtc).="" a="" circuit="" code="" diagnostic="" dtc="" en-176,="" fuel="" high="" input="" p0183="" procedure="" sensor="" temperature="" to="" trouble="" with="" —="" —,=""></ref.>
P0301	Cylinder 1 misfire detected	<ref. (dtc).="" 1="" code="" cylinder="" detected="" diagnostic="" dtc="" en-179,="" misfire="" p0301="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0302	Cylinder 2 misfire detected	<ref. (dtc).="" 2="" code="" cylinder="" detected="" diagnostic="" dtc="" en-179,="" misfire="" p0302="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>

DTC No.	Item	Index
P0303	Cylinder 3 misfire detected	<ref. (dtc).="" 3="" code="" cylinder="" detected="" diagnostic="" dtc="" en-179,="" misfire="" p0303="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0304	Cylinder 4 misfire detected	<ref. (dtc).="" 4="" code="" cylinder="" detected="" diagnostic="" dtc="" en-180,="" misfire="" p0304="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0327	Knock sensor circuit low input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en-188,="" input="" knock="" low="" p0327="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0328	Knock sensor circuit high input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en-190,="" high="" input="" knock="" p0328="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0335	Crankshaft position sensor circuit malfunction	<ref. (dtc).="" circuit="" code="" crankshaft="" diagnostic="" dtc="" en-192,="" malfunction="" p0335="" position="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0336	Crankshaft position sensor circuit range/ performance problem	<ref. (dtc).="" circuit="" code="" crankshaft="" diagnostic="" dtc="" en-194,="" p0336="" performance="" position="" problem="" procedure="" range="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0340	Camshaft position sensor circuit malfunction	<ref. (dtc).="" camshaft="" circuit="" code="" diagnostic="" dtc="" en-196,="" malfunction="" p0340="" position="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0341	Camshaft position sensor circuit range/ performance problem	<ref. camshaft="" dtc="" en-198,="" p0341="" position<br="" to="" —="">SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0420	Catalyst system efficiency below threshold	<ref. (dtc).="" below="" catalyst="" code="" diagnostic="" dtc="" effi-ciency="" en-202,="" p0420="" procedure="" system="" threshold="" to="" trouble="" with="" —="" —,=""></ref.>
P0442	Evaporative emission control system malfunction	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-204,="" evaporative="" malfunction="" p0442="" procedure="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0447	Evaporative emission control system vent control low input	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-208,="" evaporative="" input="" low="" p0447="" procedure="" system="" to="" trouble="" vent="" with="" —="" —,=""></ref.>
P0448	Evaporative emission control system vent control high input	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-212,="" evaporative="" high="" input="" p0448="" procedure="" system="" to="" trouble="" vent="" with="" —="" —,=""></ref.>
P0451	Evaporative emission control system pressure sensor range/performance problem	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-214,="" evaporative="" p0451="" performance="" pressure="" problem="" procedure="" range="" sensor="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0452	Evaporative emission control system pressure sensor low input	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-216,="" evaporative="" input="" low="" p0452="" pressure="" procedure="" sensor="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0453	Evaporative emission control system pressure sensor high input	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-220,="" evaporative="" high="" input="" p0453="" pressure="" procedure="" sensor="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0456	Evaporative emission control system malfunction	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-224,="" evaporative="" malfunction="" p0456="" procedure="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0457	Evaporative emission control system malfunction	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-228,="" evaporative="" malfunction="" p0457="" procedure="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0458	Evaporative emission control system purge control valve circuit low input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" emission="" en-232,="" evaporative="" input="" low="" p0458="" procedure="" purge="" system="" to="" trouble="" valve="" with="" —="" —,=""></ref.>

DTC	Item	Index
No.		
P0459	Evaporative emission control system purge control valve circuit high input	<ref. dtc="" emission<br="" en-236,="" evaporative="" p0459="" to="" —="">CONTROL SYSTEM PURGE CONTROL VALVE CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0462	Fuel level sensor circuit low input	<ref. dtc="" en-238,="" fuel="" level="" p0462="" sensor<br="" to="" —="">CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0463	Fuel level sensor circuit high input	<ref. dtc="" en-242,="" fuel="" level="" p0463="" sensor<br="" to="" —="">CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0464	Fuel level sensor intermittent input	<ref. dtc="" en-246,="" fuel="" level="" p0464="" sensor<br="" to="" —="">INTERMITTENT INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0483	Cooling fan function problem	<ref. (dtc).="" code="" cooling="" diagnostic="" dtc="" en-248,="" fan="" function="" p0483="" problem="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0500	Vehicle speed sensor malfunction	<ref. (dtc).="" code="" diagnostic="" dtc="" en-252,="" malfunction="" p0500="" procedure="" sensor="" speed="" to="" trouble="" vehicle="" with="" —="" —,=""></ref.>
P0506	Idle control system RPM lower than expected	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" en-254,="" expected="" idle="" lower="" p0506="" procedure="" rpm="" system="" than="" to="" trouble="" with="" —="" —,=""></ref.>
P0507	Idle control system RPM higher than expected	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" en-256,="" expected="" higher="" idle="" p0507="" procedure="" rpm="" system="" than="" to="" trouble="" with="" —="" —,=""></ref.>
P0512	Starter switch circuit high input	<ref. cir-<br="" dtc="" en-258,="" p0512="" starter="" switch="" to="" —="">CUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0604	Internal control module memory check sum error	<ref. (dtc).="" check="" code="" control="" diagnostic="" dtc="" en-261,="" error="" internal="" memory="" module="" p0604="" procedure="" sum="" to="" trouble="" with="" —="" —,=""></ref.>
P0691	Cooling fan relay 1 circuit low input	<ref. 1<br="" cooling="" dtc="" en-262,="" fan="" p0691="" relay="" to="" —="">CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0692	Cooling fan relay 1 circuit high input	<ref. 1<br="" cooling="" dtc="" en-266,="" fan="" p0692="" relay="" to="" —="">CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0703	Brake switch input malfunction	<ref. (dtc).="" brake="" code="" diagnostic="" dtc="" en-270,="" input="" malfunction="" p0703="" procedure="" switch="" to="" trouble="" with="" —="" —,=""></ref.>
P0705	Transmission range sensor circuit malfunction	<ref. (dtc).="" at-122,="" check="" code="" diagnostic="" for="" inhibitor="" no-trouble="" procedure="" switch,="" to=""></ref.>
P0710	Transmission fluid temperature sensor circuit malfunction	<ref. 27="" at-48,="" atf="" dtc="" sensor,<br="" temperature="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0715	Torque converter turbine speed sensor circuit malfunction	<ref. (dtc).="" 36="" at-66,="" code="" converter="" diagnostic="" dtc="" procedure="" sensor,="" speed="" to="" torque="" trouble="" turbine="" with=""></ref.>
P0720	Output speed sensor (vehicle speed sensor 2) circuit malfunction	<ref. (dtc).="" 33="" at-60,="" code="" diagnostic="" dtc="" front="" procedure="" sensor,="" speed="" to="" trouble="" vehicle="" with=""></ref.>
P0725	Engine speed input circuit malfunction	<ref. (dtc).="" 11="" at-44,="" code="" diagnostic="" dtc="" engine="" procedure="" signal,="" speed="" to="" trouble="" with=""></ref.>
P0731	Gear 1 incorrect ratio	<ref. (dtc).="" 1="" code="" diagnostic="" dtc="" en-272,="" gear="" incorrect="" p0731="" procedure="" ratio="" to="" trouble="" with="" —="" —,=""></ref.>

DTC No.	Item	Index
P0732	Gear 2 incorrect ratio	<ref. (dtc).="" 2="" code="" diagnostic="" dtc="" en-272,="" gear="" incorrect="" p0732="" procedure="" ratio="" to="" trouble="" with="" —="" —,=""></ref.>
P0733	Gear 3 incorrect ratio	<ref. (dtc).="" 3="" code="" diagnostic="" dtc="" en-272,="" gear="" incorrect="" p0733="" procedure="" ratio="" to="" trouble="" with="" —="" —,=""></ref.>
P0734	Gear 4 incorrect ratio	<ref. (dtc).="" 4="" code="" diagnostic="" dtc="" en-273,="" gear="" incorrect="" p0734="" procedure="" ratio="" to="" trouble="" with="" —="" —,=""></ref.>
P0741	Torque converter clutch system malfunction	<ref. (dtc).="" clutch="" code="" converter="" diagnostic="" dtc="" en-274,="" malfunction="" p0741="" procedure="" system="" to="" torque="" trouble="" with="" —="" —,=""></ref.>
P0743	Torque converter clutch system (Lock-up duty solenoid) electrical	<ref. (dtc).="" 77="" at-100,="" code="" diagnostic="" dtc="" duty="" lock-up="" procedure="" solenoid,="" to="" trouble="" with=""></ref.>
P0748	Pressure control solenoid (Line pressure duty solenoid) electrical	<ref. (dtc).="" 75="" at-90,="" code="" diagnostic="" dtc="" duty="" line="" pressure="" procedure="" solenoid,="" to="" trouble="" with=""></ref.>
P0753	Shift solenoid A (Shift solenoid 1) electrical	<ref. (dtc).="" 1,="" 71="" at-74,="" code="" diagnostic="" dtc="" procedure="" shift="" solenoid="" to="" trouble="" with=""></ref.>
P0758	Shift solenoid B (Shift solenoid 2) electrical	<ref. (dtc).="" 2,="" 72="" at-78,="" code="" diagnostic="" dtc="" procedure="" shift="" solenoid="" to="" trouble="" with=""></ref.>
P0778	2-4 brake pressure control solenoid valve circuit malfunction	<ref. (dtc).="" 2-4="" 76="" at-94,="" brake="" code="" diagnostic="" dtc="" duty="" procedure="" solenoid,="" to="" trouble="" with=""></ref.>
P0785	2-4 brake timing control solenoid valve circuit malfunction	<ref. (dtc).="" 2-4="" 74="" at-86,="" brake="" code="" diagnostic="" dtc="" procedure="" solenoid,="" timing="" to="" trouble="" with=""></ref.>
P0851	Neutral position switch circuit low input	<ref. dtc="" en-276,="" neutral="" p0851="" position<br="" to="" —="">SWITCH CIRCUIT LOW INPUT (AT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> and <ref. to EN-278, DTC P0851 — NEUTRAL POSITION SWITCH CIRCUIT LOW INPUT (MT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref. </ref.>
P0852	Neutral position switch circuit high input	<ref. dtc="" en-280,="" neutral="" p0852="" position<br="" to="" —="">SWITCH CIRCUIT HIGH INPUT (AT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> and <ref. dtc="" en-284,="" neutral="" p0852="" position<br="" to="" —="">SWITCH CIRCUIT HIGH INPUT (MT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.></ref.>
P0864	Automatic transmission diagnosis input signal circuit malfunction	<ref. automatic="" dtc="" en-288,="" p0864="" to="" transmis-<br="" —="">SION DIAGNOSIS INPUT SIGNAL CIRCUIT MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0865	Automatic transmission diagnosis input signal circuit low input	<ref. automatic="" dtc="" en-290,="" p0865="" to="" transmis-<br="" —="">SION DIAGNOSIS INPUT SIGNAL CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0866	Automatic transmission diagnosis input signal circuit high input	<ref. automatic="" dtc="" en-292,="" p0866="" to="" transmis-<br="" —="">SION DIAGNOSIS INPUT SIGNAL CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1110	Atmospheric pressure sensor low input	<ref. atmospheric="" dtc="" en-294,="" p1110="" pres-<br="" to="" —="">SURE SENSOR CIRCUIT LOW INPUT —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P1111	Atmospheric pressure sensor high input	<ref. (dtc).="" atmospheric="" circuit="" code="" diagnostic="" dtc="" en-294,="" high="" input="" p1111="" pressure="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>

DTC No.	Item	Index
P1112	Atmospheric pressure sensor range/performance problem	<ref. atmospheric="" dtc="" en-295,="" p1112="" pres-<br="" to="" —="">SURE SENSOR CIRCUIT RANGE/PERFORMANCE PROB- LEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1137	Front oxygen (A/F) sensor circuit range/ performance problem	<ref. (a="" dtc="" en-296,="" f)<="" front="" oxygen="" p="" p1137="" to="" —=""> SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1142	Throttle position sensor circuit range/ performance problem (low input)	<ref. dtc="" en-300,="" p1142="" position<br="" throttle="" to="" —="">SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1146	Pressure sensor circuit range/performance prob- lem (high input)	<ref. cir-<br="" dtc="" en-302,="" p1146="" pressure="" sensor="" to="" —="">CUIT RANGE/PERFORMANCE PROBLEM (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1400	Fuel tank pressure control solenoid valve circuit low input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" en-304,="" fuel="" input="" low="" p1400="" pressure="" procedure="" solenoid="" tank="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P1420	Fuel tank pressure control solenoid valve circuit high input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" en-308,="" fuel="" high="" input="" p1420="" pressure="" procedure="" solenoid="" tank="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P1442	Fuel level sensor circuit range/performance prob- lem 2	<ref. (dtc).="" 2="" circuit="" code="" diagnostic="" dtc="" en-310,="" fuel="" level="" p1442="" performance="" problem="" procedure="" range="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P1443	Evaporative emission control system vent control function problem	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en-312,="" evaporative="" function="" p1443="" problem="" procedure="" system="" to="" trouble="" vent="" with="" —="" —,=""></ref.>
P1446	Evaporative emission control system atmospheric pressure solenoid valve circuit low input	<ref. dtc="" emission<br="" en-314,="" evaporative="" p1446="" to="" —="">CONTROL SYSTEM ATMOSPHERIC PRESSURE SOLE- NOID VALVE LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1447	Evaporative emission control system atmospheric pressure solenoid valve circuit high input	<ref. dtc="" emission<br="" en-318,="" evaporative="" p1447="" to="" —="">CONTROL SYSTEM ATMOSPHERIC PRESSURE SOLE- NOID VALVE HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1448	Evaporative emission control system atmospheric pressure solenoid valve circuit range/ performance problem	<ref. dtc="" emission<br="" en-320,="" evaporative="" p1448="" to="" —="">CONTROL SYSTEM ATMOSPHERIC PRESSURE SOLE- NOID VALVE RANGE/PERFORMANCE PROBLEM —, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1507	Idle control system malfunction (fail-safe)	<ref. (dtc).="" (fail-safe)="" code="" control="" diagnostic="" dtc="" en-322,="" idle="" malfunction="" p1507="" procedure="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P1510	Idle air control solenoid valve signal 1 circuit low input	<ref. air="" control="" dtc="" en-324,="" idle="" p1510="" sole-<br="" to="" —="">NOID VALVE SIGNAL 1 CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1511	Idle air control solenoid valve signal 1 circuit high input	<ref. (dtc).="" 1="" air="" circuit="" code="" control="" diagnostic="" dtc="" en-324,="" high="" idle="" input="" p1511="" procedure="" signal="" sole-noid="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P1512	Idle air control solenoid valve signal 2 circuit low input	<ref. (dtc).="" 2="" air="" circuit="" code="" control="" diagnostic="" dtc="" en-324,="" idle="" input="" low="" p1512="" procedure="" signal="" sole-noid="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P1513	Idle air control solenoid valve signal 2 circuit high input	<ref. (dtc).="" 2="" air="" circuit="" code="" control="" diagnostic="" dtc="" en-324,="" high="" idle="" input="" p1513="" procedure="" signal="" sole-noid="" to="" trouble="" valve="" with="" —="" —,=""></ref.>

Engine (Diagnostics)

DTC No.	Item	Index
P1514	Idle air control solenoid valve signal 3 circuit low input	<ref. air="" control="" dtc="" en-324,="" idle="" p1514="" sole-<br="" to="" —="">NOID VALVE SIGNAL 3 CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1515	Idle air control solenoid valve signal 3 circuit high input	<ref. air="" control="" dtc="" en-324,="" idle="" p1515="" sole-<br="" to="" —="">NOID VALVE SIGNAL 3 CIRCUIT HIGH INPUT —, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1516	Idle air control solenoid valve signal 4 circuit low input	<ref. air="" control="" dtc="" en-326,="" idle="" p1516="" sole-<br="" to="" —="">NOID VALVE SIGNAL 4 CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1517	Idle air control solenoid valve signal 4 circuit high input	<ref. air="" control="" dtc="" en-330,="" idle="" p1517="" sole-<br="" to="" —="">NOID VALVE SIGNAL 4 CIRCUIT HIGH INPUT —, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1518	Starter switch circuit low input	<ref. cir-<br="" dtc="" en-332,="" p1518="" starter="" switch="" to="" —="">CUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1540	Vehicle speed sensor malfunction 2	<ref. (dtc).="" 2="" code="" diagnostic="" dtc="" en-336,="" malfunction="" p1540="" procedure="" sensor="" speed="" to="" trouble="" vehicle="" with="" —="" —,=""></ref.>
P1560	Back-up voltage circuit malfunction	<ref. back-up="" cir-<br="" dtc="" en-338,="" p1560="" to="" voltage="" —="">CUIT MALFUNCTION —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1698	Engine torque control cut signal circuit low input	<ref. (dtc).="" circuit="" code="" control="" cut="" diagnostic="" dtc="" en-340,="" engine="" input="" low="" p1698="" procedure="" signal="" to="" torque="" trouble="" with="" —="" —,=""></ref.>
P1699	Engine torque control cut signal circuit high input	<ref. (dtc).="" circuit="" code="" control="" cut="" diagnostic="" dtc="" en-342,="" engine="" high="" input="" p1699="" procedure="" signal="" to="" torque="" trouble="" with="" —="" —,=""></ref.>
P1700	Throttle position sensor circuit malfunction for automatic transmission	<ref. 31="" at-52,="" dtc="" position="" sensor,<br="" throttle="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1701	Cruise control set signal circuit malfunction for automatic transmission	<ref. (dtc).="" automatic="" circuit="" code="" control="" cruise="" diagnostic="" dtc="" en-344,="" for="" malfunction="" p1701="" procedure="" set="" signal="" to="" transmission="" trouble="" with="" —="" —,=""></ref.>
P1703	Low clutch timing control solenoid valve circuit malfunction	<ref. (dtc).="" 73="" at-82,="" clutch="" code="" diagnostic="" dtc="" low="" procedure="" solenoid,="" timing="" to="" trouble="" with=""></ref.>
P1711	Engine torque control signal 1 circuit malfunction	<ref. (dtc).="" 1="" circuit="" code="" control="" diagnostic="" dtc="" en-346,="" engine="" malfunction="" p1711="" procedure="" signal="" to="" torque="" trouble="" with="" —="" —,=""></ref.>
P1712	Engine torque control signal 2 circuit malfunction	<ref. (dtc).="" 2="" circuit="" code="" control="" diagnostic="" dtc="" en-348,="" engine="" malfunction="" p1712="" procedure="" signal="" to="" torque="" trouble="" with="" —="" —,=""></ref.>

Engine (Diagnostics)

MEMO: