## LIST OF DIAGNOSTIC TROUBLE CODE (DTC) Engine (DIAGNOSTICS)

## 18. List of Diagnostic Trouble Code (DTC) 5048525

**A: LIST** 5048525A12

DTC	Item	Index
No.		
P0031	Bank #1 and sensor #1 oxygen (A/F) sensor (front RH) heater circuit low input	<ref. #1="" and="" bank="" dtc="" en(h6)-104,="" p0031="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT RH) HEATER CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0032	Bank #1 and sensor #1 oxygen (A/F) sensor (front RH) heater circuit high input	<ref. #1="" and="" bank="" dtc="" en(h6)-108,="" p0032="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT RH) HEATER CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0037	Bank #1 and sensor #2 oxygen sensor (rear) heater circuit low input	<ref. #1="" and="" bank="" dtc="" en(h6)-110,="" p0037="" sensor<br="" to="" —="">#2 OXYGEN SENSOR (REAR) HEATER CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0038	Bank #1 and sensor #2 oxygen sensor (rear) heater circuit high input	<ref. #1="" and="" bank="" dtc="" en(h6)-114,="" p0038="" sensor<br="" to="" —="">#2 OXYGEN SENSOR (REAR) HEATER CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0051	Bank #2 and sensor #1 oxygen (A/F) sensor (front LH) heater circuit low input	<ref. #2="" and="" bank="" dtc="" en(h6)-116,="" p0051="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT LH) HEATER CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0052	Bank #2 and sensor #1 oxygen (A/F) sensor (front LH) heater circuit high input	<ref. #2="" and="" bank="" dtc="" en(h6)-120,="" p0052="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT LH) HEATER CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0106	Intake manifold pressure sensor circuit range/ performance problem	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-122,="" intake="" manifold="" p0106="" performance="" pressure="" problem="" procedure="" range="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0107	Intake manifold pressure sensor circuit low input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-124,="" input="" intake="" low="" manifold="" p0107="" pressure="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0108	Intake manifold pressure sensor circuit high input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-128,="" high="" input="" intake="" manifold="" p0108="" pressure="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0111	Intake air temperature sensor circuit range/ performance problem	<ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en(h6)-132,="" intake="" p0111="" performance="" problem="" procedure="" range="" sensor="" temperature="" to="" trouble="" with="" —="" —,=""></ref.>
P0112	Intake air temperature sensor circuit low input	<ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en(h6)-134,="" input="" intake="" low="" p0112="" procedure="" sensor="" temperature="" to="" trouble="" with="" —="" —,=""></ref.>
P0113	Intake air temperature sensor circuit high input	<ref. (dtc).="" air="" circuit="" code="" diagnostic="" dtc="" en(h6)-136,="" high="" input="" intake="" p0113="" procedure="" sensor="" temperature="" to="" trouble="" with="" —="" —,=""></ref.>
P0117	Engine coolant temperature sensor circuit low input	<ref. (dtc).="" circuit="" code="" coolant="" diagnostic="" dtc="" en(h6)-140,="" engine="" input="" low="" p0117="" procedure="" sensor="" temperature="" to="" trouble="" with="" —="" —,=""></ref.>
P0118	Engine coolant temperature sensor circuit high input	<ref. (dtc).="" circuit="" code="" coolant="" diagnostic="" dtc="" en(h6)-142,="" engine="" high="" input="" p0118="" procedure="" sensor="" temperature="" to="" trouble="" with="" —="" —,=""></ref.>

DTC No.	Item	Index
P0121	Throttle position sensor circuit range/ performance problem (high input)	<ref. (dtc).="" (high="" circuit="" code="" diagnostic="" dtc="" en(h6)-146,="" input)="" p0121="" performance="" position="" problem="" procedure="" range="" sensor="" throttle="" to="" trouble="" with="" —="" —,=""></ref.>
P0122	Throttle position sensor circuit low input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-148,="" 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(h6)-152,="" high="" input="" p0123="" position="" procedure="" sensor="" throttle="" to="" trouble="" with="" —="" —,=""></ref.>
P0125	Insufficient coolant temperature for closed loop fuel control	<ref. cool-<br="" dtc="" en(h6)-154,="" insufficient="" p0125="" to="" —="">ANT TEMPERATURE FOR CLOSED LOOP FUEL CONTROL —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0128	Thermostat malfunction	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h6)-156,="" mal-function="" p0128="" procedure="" thermostat="" to="" trouble="" with="" —="" —,=""></ref.>
P0131	Bank #1 and sensor #1 oxygen (A/F) sensor (front RH) circuit malfunction (open circuit)	<ref. #1="" and="" bank="" dtc="" en(h6)-158,="" p0131="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT RH) CIRCUIT MAL- FUNCTION (OPEN CIRCUIT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0132	Bank #1 and sensor #1 oxygen (A/F) sensor (front RH) circuit malfunction (short circuit)	<ref. #1="" and="" bank="" dtc="" en(h6)-160,="" p0132="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT RH) CIRCUIT MAL- FUNCTION (SHORT CIRCUIT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0133	Bank #1 and sensor #1 oxygen (A/F) sensor (front RH) circuit slow response	<ref. #1="" and="" bank="" dtc="" en(h6)-162,="" p0133="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT RH) CIRCUIT SLOW RESPONSE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0137	Bank #1 and sensor #2 oxygen sensor (rear) circuit low input	<ref. #1="" #2="" (dtc).="" (rear)="" and="" bank="" code="" diagnostic="" dtc="" en(h6)-164,="" input="" low="" oxygen="" p0137="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0138	Bank #1 and sensor #2 oxygen sensor (rear) circuit high input	<ref. #1="" #2="" (dtc).="" (rear)="" and="" bank="" circuit="" code="" diagnostic="" dtc="" en(h6)-168,="" high="" input="" oxygen="" p0138="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0139	Bank #1 and sensor #2 oxygen sensor (rear) circuit slow response	<ref. #1="" #2="" (dtc).="" (rear)="" and="" bank="" circuit="" code="" diagnostic="" dtc="" en(h6)-172,="" oxygen="" p0139="" procedure="" response="" sensor="" slow="" to="" trouble="" with="" —="" —,=""></ref.>
P0151	Bank #2 and sensor #1 oxygen (A/F) sensor (front LH) circuit malfunction (open circuit)	<ref. #1="" #2="" (a="" (dtc).="" (front="" (open="" and="" bank="" circuit="" circuit)="" code="" diagnostic="" dtc="" en(h6)-174,="" f)="" lh)="" mal-function="" oxygen="" p0151="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0152	Bank #2 and sensor #1 oxygen (A/F) sensor (front LH) circuit malfunction (short circuit)	<ref. #1="" #2="" (a="" (dtc).="" (front="" (short="" and="" bank="" circuit="" circuit)="" code="" diagnostic="" dtc="" en(h6)-176,="" f)="" lh)="" mal-function="" oxygen="" p0152="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0153	Bank #2 and sensor #1 oxygen (A/F) sensor (front LH) circuit slow response	<ref. #2="" and="" bank="" dtc="" en(h6)-178,="" p0153="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT LH) CIRCUIT SLOW RESPONSE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0171	Fuel trim #1 (RH) malfunction (A/F too lean)	<ref. #1="" (a="" (dtc).="" (rh)="" code="" diagnostic="" dtc="" en(h6)-180,="" f="" fuel="" lean)="" malfunction="" p0171="" procedure="" to="" too="" trim="" trouble="" with="" —="" —,=""></ref.>
P0172	Fuel trim #1 (RH) malfunction (A/F too rich)	<ref. #1="" (a="" (dtc).="" (rh)="" code="" diagnostic="" dtc="" en(h6)-180,="" f="" fuel="" malfunction="" p0172="" procedure="" rich)="" to="" too="" trim="" trouble="" with="" —="" —,=""></ref.>

DTC		
No.	Item	Index
P0174	Fuel trim #2 (LH) malfunction (A/F too lean)	<ref. #2="" (a="" (dtc).="" (lh)="" code="" diagnostic="" dtc="" en(h6)-184,="" f="" fuel="" lean)="" malfunction="" p0174="" procedure="" to="" too="" trim="" trouble="" with="" —="" —,=""></ref.>
P0175	Fuel trim #2 (LH) malfunction (A/F too rich)	<ref. #2="" (a="" (dtc).="" (lh)="" code="" diagnostic="" dtc="" en(h6)-184,="" f="" fuel="" malfunction="" p0175="" procedure="" rich)="" to="" too="" trim="" trouble="" with="" —="" —,=""></ref.>
P0181	Fuel temperature sensor A circuit range/ performance problem	<ref. dtc="" en(h6)-188,="" fuel="" p0181="" temperature<br="" to="" —="">SENSOR A CIRCUIT RANGE/PERFORMANCE PROBLEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0182	Fuel temperature sensor A circuit low input	<ref. (dtc).="" a="" circuit="" code="" diagnostic="" dtc="" en(h6)-190,="" 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(h6)-192,="" 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(h6)-195,="" misfire="" p0301="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0302	Cylinder 2 misfire detected	<ref. (dtc).="" 2="" code="" cylinder="" detected="" diagnostic="" dtc="" en(h6)-195,="" misfire="" p0302="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0303	Cylinder 3 misfire detected	<ref. (dtc).="" 3="" code="" cylinder="" detected="" diagnostic="" dtc="" en(h6)-195,="" misfire="" p0303="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0304	Cylinder 4 misfire detected	<ref. (dtc).="" 4="" code="" cylinder="" detected="" diagnostic="" dtc="" en(h6)-196,="" misfire="" p0304="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0305	Cylinder 5 misfire detected	<ref. (dtc).="" 5="" code="" cylinder="" detected="" diagnostic="" dtc="" en(h6)-196,="" misfire="" p0305="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0306	Cylinder 6 misfire detected	<ref. (dtc).="" 6="" code="" cylinder="" detected="" diagnostic="" dtc="" en(h6)-196,="" misfire="" p0306="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>
P0327	Knock sensor 1 circuit low input	<ref. (dtc).="" 1="" circuit="" code="" diagnostic="" dtc="" en(h6)-204,="" input="" knock="" low="" p0327="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0328	Knock sensor 1 circuit high input	<ref. (dtc).="" 1="" circuit="" code="" diagnostic="" dtc="" en(h6)-206,="" high="" input="" knock="" p0328="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0332	Knock sensor 2 circuit low input	<ref. (dtc).="" 2="" circuit="" code="" diagnostic="" dtc="" en(h6)-208,="" input="" knock="" low="" p0332="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0333	Knock sensor 2 circuit high input	<ref. (dtc).="" 2="" circuit="" code="" diagnostic="" dtc="" en(h6)-210,="" high="" input="" knock="" p0333="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0335	Crankshaft position sensor circuit malfunction	<ref. (dtc).="" circuit="" code="" crankshaft="" diagnostic="" dtc="" en(h6)-212,="" 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(h6)-214,="" 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(h6)-216,="" malfunction="" p0340="" position="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>

DTC	Item	Index
No. P0341	Camshaft position sensor circuit range/ performance problem	<ref. camshaft="" dtc="" en(h6)-218,="" p0341="" position<br="" to="" —="">SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM —,</ref.>
	performance problem	Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0400	EGR system malfunction	<ref. dtc="" egr="" en(h6)-220,="" mal-<br="" p0400="" system="" to="" —="">FUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0420	Catalyst system efficiency below threshold	<ref. (dtc).="" below="" catalyst="" code="" diagnostic="" dtc="" efficiency="" en(h6)-224,="" p0420="" procedure="" system="" threshold="" to="" trouble="" with="" —="" —,=""></ref.>
P0442	Evaporative emission control system malfunction	<ref. dtc="" emis-<br="" en(h6)-226,="" evaporative="" p0442="" to="" —="">SION CONTROL SYSTEM MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0447	Evaporative emission control system vent control low input	<ref. dtc="" emis-<br="" en(h6)-230,="" evaporative="" p0447="" to="" —="">SION CONTROL SYSTEM VENT CONTROL LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0448	Evaporative emission control system vent control high input	<ref. dtc="" emis-<br="" en(h6)-234,="" evaporative="" p0448="" to="" —="">SION CONTROL SYSTEM VENT CONTROL HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0451	Evaporative emission control system pressure sensor range/performance problem	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en(h6)-236,="" 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(h6)-238,="" 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(h6)-242,="" evaporative="" high="" input="" p0453="" pressure="" procedure="" sensor="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0457	Evaporative emission control system malfunction	<ref. dtc="" emis-<br="" en(h6)-246,="" evaporative="" p0457="" to="" —="">SION CONTROL SYSTEM MALFUNCTION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0458	Evaporative emission control system purge control valve circuit low input	<ref. dtc="" emis-<br="" en(h6)-250,="" evaporative="" p0458="" to="" —="">SION CONTROL SYSTEM PURGE CONTROL VALVE CIR- CUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0459	Evaporative emission control system purge control valve circuit high input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" emission="" en(h6)-254,="" evaporative="" high="" input="" p0459="" procedure="" purge="" system="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P0461	Fuel level sensor circuit range/performance prob- lem	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-256,="" fuel="" level="" p0461="" performance="" problem="" procedure="" range="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0462	Fuel level sensor circuit low input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-258,="" fuel="" input="" level="" low="" p0462="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0463	Fuel level sensor circuit high input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-262,="" fuel="" high="" input="" level="" p0463="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0464	Fuel level sensor intermittent input	<ref. (dtc).="" code="" diagnostic="" dtc="" en(h6)-266,="" fuel="" input="" intermittent="" level="" p0464="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P0483	Cooling fan function problem	<ref. (dtc).="" code="" cooling="" diagnostic="" dtc="" en(h6)-268,="" fan="" function="" p0483="" problem="" procedure="" to="" trouble="" with="" —="" —,=""></ref.>

DTC	Item	Index
No.		
P0500	Vehicle speed sensor malfunction	<ref. dtc="" en(h6)-272,="" p0500="" sen-<br="" speed="" to="" vehicle="" —="">SOR MALFUNCTION —, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).&gt;</ref.>
P0506	Idle control system RPM lower than expected	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" en(h6)-274,="" 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(h6)-276,="" expected="" higher="" idle="" p0507="" procedure="" rpm="" system="" than="" to="" trouble="" with="" —="" —,=""></ref.>
P0508	Idle control system circuit low input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" en(h6)-278,="" idle="" input="" low="" p0508="" procedure="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0509	Idle control system circuit high input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" en(h6)-280,="" high="" idle="" input="" p0509="" procedure="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P0512	Starter switch circuit high input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-282,="" high="" input="" p0512="" procedure="" starter="" switch="" to="" trouble="" with="" —="" —,=""></ref.>
P0604	Internal control module memory check sum error	<ref. (dtc).="" check="" code="" control="" diagnostic="" dtc="" en(h6)-286,="" error="" internal="" memory="" module="" p0604="" procedure="" sum="" to="" trouble="" with="" —="" —,=""></ref.>
P0661	Induction valve control solenoid circuit low input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" en(h6)-288,="" induction="" input="" low="" p0661="" procedure="" solenoid="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P0662	Induction valve control solenoid circuit high input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" en(h6)-292,="" high="" induction="" input="" p0662="" procedure="" solenoid="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P0691	Cooling fan relay 1 circuit low input	<ref. (dtc).="" 1="" circuit="" code="" cooling="" diagnostic="" dtc="" en(h6)-294,="" fan="" input="" low="" p0691="" procedure="" relay="" to="" trouble="" with="" —="" —,=""></ref.>
P0692	Cooling fan relay 1 circuit high input	<ref. cooling="" dtc="" en(h6)-298,="" fan="" p0692="" relay<br="" to="" —="">1 CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0703	Brake switch input malfunction	<ref. (dtc).="" brake="" code="" diagnostic="" dtc="" en(h6)-302,="" 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. (dtc).="" 27="" at-48,="" atf="" code="" diagnostic="" dtc="" procedure="" sensor,="" temperature="" to="" trouble="" with=""></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(h6)-304,="" gear="" incorrect="" p0731="" procedure="" ratio="" to="" trouble="" with="" —="" —,=""></ref.>
P0732	Gear 2 incorrect ratio	<ref. (dtc).="" 2="" code="" diagnostic="" dtc="" en(h6)-304,="" gear="" incorrect="" p0732="" procedure="" ratio="" to="" trouble="" with="" —="" —,=""></ref.>
P0733	Gear 3 incorrect ratio	<ref. (dtc).="" 3="" code="" diagnostic="" dtc="" en(h6)-304,="" gear="" incorrect="" p0733="" procedure="" ratio="" to="" trouble="" with="" —="" —,=""></ref.>

DTC No.	Item	Index
P0734	Gear 4 incorrect ratio	<ref. (dtc).="" 4="" code="" diagnostic="" dtc="" en(h6)-305,="" gear="" incorrect="" p0734="" procedure="" ratio="" to="" trouble="" with="" —="" —,=""></ref.>
P0741	Torque converter clutch system malfunction	<ref. (dtc).="" clutch="" code="" converter="" diagnostic="" dtc="" en(h6)-306,="" 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. 75="" at-90,="" dtc="" duty="" line="" pressure="" solenoid,<br="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</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. 2-4="" 74="" at-86,="" brake="" dtc="" solenoid,<br="" timing="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P0851	Neutral position switch circuit low input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-308,="" input="" low="" neutral="" p0851="" position="" procedure="" switch="" to="" trouble="" with="" —="" —,=""></ref.>
P0852	Neutral position switch circuit high input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-310,="" high="" input="" neutral="" p0852="" position="" procedure="" switch="" to="" trouble="" with="" —="" —,=""></ref.>
P0864	Automatic transmission diagnosis input signal circuit malfunction	<ref. (dtc).="" automatic="" circuit="" code="" diagnosis="" diagnostic="" dtc="" en(h6)-314,="" input="" malfunc-tion="" p0864="" procedure="" signal="" to="" trans-mission="" trouble="" with="" —="" —,=""></ref.>
P0865	Automatic transmission diagnosis input signal circuit low input	<ref. (dtc).="" automatic="" circuit="" code="" diagnosis="" diagnostic="" dtc="" en(h6)-316,="" input="" low="" p0865="" procedure="" signal="" to="" trans-mission="" trouble="" with="" —="" —,=""></ref.>
P0866	Automatic transmission diagnosis input signal circuit high input	<ref. (dtc).="" automatic="" circuit="" code="" diagnosis="" diagnostic="" dtc="" en(h6)-318,="" high="" input="" p0866="" procedure="" signal="" to="" trans-mission="" trouble="" with="" —="" —,=""></ref.>
P1110	Atmospheric pressure sensor low input	<ref. atmospheric="" dtc="" en(h6)-320,="" p1110="" pres-<br="" to="" —="">SURE SENSOR CIRCUIT LOW INPUT —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P1111	Atmospheric pressure sensor high input	<ref. atmospheric="" dtc="" en(h6)-320,="" p1111="" pres-<br="" to="" —="">SURE SENSOR CIRCUIT HIGH INPUT —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P1112	Atmospheric pressure sensor range/performance problem	<ref. atmospheric="" dtc="" en(h6)-321,="" p1112="" pres-<br="" to="" —="">SURE SENSOR CIRCUIT RANGE/PERFORMANCE PROB- LEM —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P1134	Front oxygen (A/F) sensor micro-computer prob- lem	<ref. (a="" (dtc).="" code="" diagnostic="" dtc="" en(h6)-322,="" f)="" front="" micro-computer="" oxygen="" p1134="" problem="" procedure="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P1139	Bank #1 and sensor #1 oxygen (A/F) sensor (front RH) heater circuit range/performance problem	<ref. #1="" (a="" (dtc).="" (front="" and="" bank="" circuit="" code="" diagnostic="" dtc="" en(h6)-324,="" f)="" heater="" oxygen="" p1139="" performance="" problem="" procedure="" range="" rh)="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P1140	Bank #2 and sensor #1 oxygen (A/F) sensor (front LH) heater circuit range/performance problem	<ref. #1="" #2="" (a="" (dtc).="" (front="" and="" bank="" circuit="" code="" diagnostic="" dtc="" en(h6)-326,="" f)="" heater="" lh)="" oxygen="" p1140="" performance="" problem="" procedure="" range="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>

DTC	Item	Index
No.		IIIdex
P1142	Throttle position sensor circuit range/ performance problem (low input)	<ref. dtc="" en(h6)-328,="" p1142="" position<br="" throttle="" to="" —="">SENSOR CIRCUIT RANGE/PERFORMANCE PROBLEM (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P1146	Pressure sensor circuit range/performance prob- lem (high input)	<ref. (dtc).="" (high="" circuit="" code="" diagnostic="" dtc="" en(h6)-330,="" input)="" p1146="" performance="" pressure="" problem="" procedure="" range="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P1152	Bank #1 and sensor #1 oxygen (A/F) sensor (front RH) circuit range/performance problem (low input)	<ref. #1="" and="" bank="" dtc="" en(h6)-333,="" p1152="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT RH) CIRCUIT RANGE/ PERFORMANCE PROBLEM (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P1153	Bank #1 and sensor #1 oxygen (A/F) sensor (front RH) circuit range/performance problem (high input)	<ref. #1="" (a="" (dtc).="" (front="" (high="" and="" bank="" circuit="" code="" diagnostic="" dtc="" en(h6)-334,="" f)="" input)="" oxygen="" p1153="" performance="" problem="" procedure="" range="" rh)="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P1154	Bank #2 and sensor #1 oxygen (A/F) sensor (front LH) circuit range/performance problem (low input)	<ref. #1="" #2="" (a="" (dtc).="" (front="" (low="" and="" bank="" circuit="" code="" diagnostic="" dtc="" en(h6)-336,="" f)="" input)="" lh)="" oxygen="" p1154="" performance="" problem="" procedure="" range="" sensor="" to="" trouble="" with="" —="" —,=""></ref.>
P1155	Bank #2 and sensor #1 oxygen (A/F) sensor (front LH) circuit range/performance problem (high input)	<ref. #2="" and="" bank="" dtc="" en(h6)-338,="" p1155="" sensor<br="" to="" —="">#1 OXYGEN (A/F) SENSOR (FRONT LH) CIRCUIT RANGE/ PERFORMANCE PROBLEM (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).&gt;</ref.>
P1400	Fuel tank pressure control solenoid valve circuit low input	<ref. (dtc).="" circuit="" code="" control="" diagnostic="" dtc="" en(h6)-340,="" 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(h6)-344,="" fuel="" high="" input="" p1420="" pressure="" procedure="" solenoid="" tank="" to="" trouble="" valve="" with="" —="" —,=""></ref.>
P1443	Evaporative emission control system vent control function problem	<ref. (dtc).="" code="" control="" diagnostic="" dtc="" emission="" en(h6)-346,="" evaporative="" function="" p1443="" problem="" procedure="" system="" to="" trouble="" vent="" with="" —="" —,=""></ref.>
P1507	Idle control system malfunction (fail-safe)	<ref. (dtc).="" (fail-safe)="" code="" control="" diagnostic="" dtc="" en(h6)-348,="" idle="" malfunction="" p1507="" procedure="" system="" to="" trouble="" with="" —="" —,=""></ref.>
P1518	Starter switch circuit low input	<ref. (dtc).="" circuit="" code="" diagnostic="" dtc="" en(h6)-350,="" input="" low="" p1518="" procedure="" starter="" switch="" to="" trouble="" with="" —="" —,=""></ref.>
P1560	Back-up voltage circuit malfunction	<ref. (dtc).="" back-up="" circuit="" code="" diagnostic="" dtc="" en(h6)-354,="" malfunction="" p1560="" procedure="" to="" trouble="" voltage="" with="" —="" —,=""></ref.>
P1698	Engine torque control cut signal circuit low input	<ref. (dtc).="" circuit="" code="" control="" cut="" diagnostic="" dtc="" en(h6)-356,="" 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(h6)-358,="" 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).&gt;</ref.>
P1701	Cruise control set signal circuit malfunction for automatic transmission	Nagnostic Procedure with Diagnostic Trouble Code (DTC).> Ref. to EN(H6)-360, DTC P1701 — CRUISE CONTROL SET SIGNAL CIRCUIT MALFUNCTION FOR AUTOMATIC TRANSMISSION —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
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.>

## LIST OF DIAGNOSTIC TROUBLE CODE (DTC) Engine (DIAGNOSTICS)

DTC No.	ltem	Index
P1711	Engine torque control signal 1 circuit malfunction	<ref. (dtc).="" 1="" circuit="" code="" control="" diagnostic="" dtc="" en(h6)-362,="" 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(h6)-364,="" engine="" malfunction="" p1712="" procedure="" signal="" to="" torque="" trouble="" with="" —="" —,=""></ref.>