18.List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Item	Index
No.		Index
P0030	HO2S Heater control circuit (Bank 1 Sensor 1)	<ref. con-<br="" dtc="" en(h4so)-90,="" heater="" ho2s="" p0030="" to="" —="">TROL CIRCUIT (BANK 1 SENSOR 1) —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0031	HO2S Heater control circuit low (Bank 1 Sensor 1)	<ref. con-<br="" dtc="" en(h4so)-92,="" heater="" ho2s="" p0031="" to="" —="">TROL CIRCUIT LOW (BANK 1 SENSOR 1) —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0032	HO2S Heater control circuit high (Bank 1 Sensor 1)	<ref. con-<br="" dtc="" en(h4so)-96,="" heater="" ho2s="" p0032="" to="" —="">TROL CIRCUIT HIGH (BANK 1 SENSOR 1) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0037	HO2S Heater control circuit low (Bank 1 Sensor 2)	<ref. con-<br="" dtc="" en(h4so)-98,="" heater="" ho2s="" p0037="" to="" —="">TROL CIRCUIT LOW (BANK 1 SENSOR 2) —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0038	HO2S Heater control circuit high (Bank 1 Sensor 2)	<ref. con-<br="" dtc="" en(h4so)-102,="" heater="" ho2s="" p0038="" to="" —="">TROL CIRCUIT HIGH (BANK 1 SENSOR 2) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0065	Air assisted injector control range/performance	<ref. air="" assisted<br="" dtc="" en(h4so)-104,="" p0065="" to="" —="">INJECTOR CONTROL RANGE/PERFORMANCE —, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0066	Air assisted injector control circuit or circuit low	<ref. air="" assisted<br="" dtc="" en(h4so)-106,="" p0066="" to="" —="">INJECTOR CONTROL CIRCUIT OR CIRCUIT LOW —, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0067	Air assisted injector control circuit high	<ref. air="" assisted<br="" dtc="" en(h4so)-108,="" p0067="" to="" —="">INJECTOR CONTROL CIRCUIT HIGH —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0068	Manifold absolute pressure/barometric pressure circuit range/performance	<ref. abso-<br="" dtc="" en(h4so)-110,="" manifold="" p0068="" to="" —="">LUTE PRESSURE/BAROMETRIC PRESSURE CIRCUIT RANGE/PERFORMANCE —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0107	Manifold absolute pressure/barometric pressure circuit low input	<ref. abso-<br="" dtc="" en(h4so)-114,="" manifold="" p0107="" to="" —="">LUTE PRESSURE/BAROMETRIC PRESSURE CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0108	Manifold absolute pressure/barometric pressure circuit high input	<ref. abso-<br="" dtc="" en(h4so)-118,="" manifold="" p0108="" to="" —="">LUTE PRESSURE/BAROMETRIC PRESSURE CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0111	Intake air temperature circuit range/performance	<ref. air="" dtc="" en(h4so)-122,="" intake="" p0111="" tem-<br="" to="" —="">PERATURE CIRCUIT RANGE/PERFORMANCE —, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0112	Intake air temperature circuit low input	<ref. air="" dtc="" en(h4so)-124,="" intake="" p0112="" tem-<br="" to="" —="">PERATURE CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0113	Intake air temperature circuit high input	<ref. air="" dtc="" en(h4so)-126,="" intake="" p0113="" tem-<br="" to="" —="">PERATURE CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0117	Engine coolant temperature circuit low input	<ref. coolant<br="" dtc="" en(h4so)-130,="" engine="" p0117="" to="" —="">TEMPERATURE CIRCUIT LOW INPUT —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0118	Engine coolant temperature circuit high input	<ref. coolant<br="" dtc="" en(h4so)-132,="" engine="" p0118="" to="" —="">TEMPERATURE CIRCUIT HIGH INPUT —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>

DTC No.	Item	Index
P0121	Throttle/pedal position sensor/switch "A" circuit range/performance	<ref. dtc="" en(h4so)-136,="" p0121="" pedal<br="" throttle="" to="" —="">POSITION SENSOR/SWITCH "A" CIRCUIT RANGE/PERFOR- MANCE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0122	Throttle/pedal position sensor/switch "A" circuit low input	<ref. dtc="" en(h4so)-138,="" p0122="" pedal<br="" throttle="" to="" —="">POSITION SENSOR/SWITCH "A" CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0123	Throttle/pedal position sensor/switch "A" circuit high input	<ref. dtc="" en(h4so)-142,="" p0123="" pedal<br="" throttle="" to="" —="">POSITION SENSOR/SWITCH "A" CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0125	Insufficient coolant temperature for closed loop fuel control	<ref. dtc="" en(h4so)-144,="" insufficient<br="" p0125="" to="" —="">COOLANT TEMPERATURE FOR CLOSED LOOP FUEL CONTROL —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0128	Coolant thermostat (coolant temperature below thermostat regulating temperature)	<ref. coolant="" dtc="" en(h4so)-146,="" p0128="" thermo-<br="" to="" —="">STAT (COOLANT TEMPERATURE BELOW THERMOSTAT REGULATING TEMPERATURE) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0129	Barometric pressure too low	<ref. barometric="" dtc="" en(h4so)-147,="" p0129="" pres-<br="" to="" —="">SURE TOO LOW —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0130	O2 sensor circuit (Bank 1 Sensor 1)	<ref. circuit<br="" dtc="" en(h4so)-148,="" o2="" p0130="" sensor="" to="" —="">(BANK 1 SENSOR 1) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0131	O2 sensor circuit low voltage (Bank 1 Sensor 1)	<ref. circuit<br="" dtc="" en(h4so)-152,="" o2="" p0131="" sensor="" to="" —="">LOW VOLTAGE (BANK 1 SENSOR 1) —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0132	O2 sensor circuit high voltage (Bank 1 Sensor 1)	<ref. circuit<br="" dtc="" en(h4so)-154,="" o2="" p0132="" sensor="" to="" —="">HIGH VOLTAGE (BANK 1 SENSOR 1) —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0133	O2 sensor circuit slow response (Bank 1 Sensor 1)	<ref. circuit<br="" dtc="" en(h4so)-156,="" o2="" p0133="" sensor="" to="" —="">SLOW RESPONSE (BANK 1 SENSOR 1) —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0134	O2 sensor circuit no activity detected (Bank 1 Sensor 1)	<ref. circuit<br="" dtc="" en(h4so)-158,="" o2="" p0134="" sensor="" to="" —="">NO ACTIVITY DETECTED (BANK 1 SENSOR 1) —, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0137	O2 sensor circuit low voltage (Bank 1 Sensor 2)	<ref. circuit<br="" dtc="" en(h4so)-160,="" o2="" p0137="" sensor="" to="" —="">LOW VOLTAGE (BANK 1 SENSOR 2) —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0138	O2 sensor circuit high voltage (Bank 1 Sensor 2)	<ref. circuit<br="" dtc="" en(h4so)-164,="" o2="" p0138="" sensor="" to="" —="">HIGH VOLTAGE (BANK 1 SENSOR 2) —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0139	O2 sensor circuit slow response (Bank 1 Sensor 2)	<ref. circuit<br="" dtc="" en(h4so)-168,="" o2="" p0139="" sensor="" to="" —="">SLOW RESPONSE (BANK 1 SENSOR 2) —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0171	System too lean (Bank 1)	<ref. dtc="" en(h4so)-170,="" lean<br="" p0171="" system="" to="" too="" —="">(BANK 1) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0172	System too rich (Bank 1)	<ref. dtc="" en(h4so)-170,="" p0172="" rich<br="" system="" to="" too="" —="">(BANK 1) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0181	Fuel temperature sensor "A" circuit range/perfor- mance	<ref. dtc="" en(h4so)-174,="" fuel="" p0181="" tempera-<br="" to="" —="">TURE SENSOR "A" CIRCUIT RANGE/PERFORMANCE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0182	Fuel temperature sensor "A" circuit low input	<ref. dtc="" en(h4so)-176,="" fuel="" p0182="" tempera-<br="" to="" —="">TURE SENSOR "A" CIRCUIT LOW INPUT —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

DTC No.	Item	Index
P0183	Fuel temperature Sensor "A" circuit high input	<ref. dtc="" en(h4so)-178,="" fuel="" p0183="" tempera-<br="" to="" —="">TURE SENSOR "A" CIRCUIT HIGH INPUT —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0301	Cylinder 1 misfire detected	<ref. 1="" cylinder="" dtc="" en(h4so)-181,="" misfire<br="" p0301="" to="" —="">DETECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0302	Cylinder 2 misfire detected	<ref. 2="" cylinder="" dtc="" en(h4so)-181,="" misfire<br="" p0302="" to="" —="">DETECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0303	Cylinder 3 misfire detected	<ref. 3="" cylinder="" dtc="" en(h4so)-181,="" misfire<br="" p0303="" to="" —="">DETECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0304	Cylinder 4 misfire detected	<ref. 4="" cylinder="" dtc="" en(h4so)-182,="" misfire<br="" p0304="" to="" —="">DETECTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0327	Knock sensor 1 circuit low input (Bank 1 or Single Sensor)	<ref. 1<br="" dtc="" en(h4so)-190,="" knock="" p0327="" sensor="" to="" —="">CIRCUIT LOW INPUT (BANK 1 OR SINGLE SENSOR) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0328	Knock sensor 1 circuit high input (Bank 1 or Single Sensor)	<ref. 1<br="" dtc="" en(h4so)-192,="" knock="" p0328="" sensor="" to="" —="">CIRCUIT HIGH INPUT (BANK 1 OR SINGLE SENSOR) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0335	Crankshaft position sensor "A" circuit	<ref. crankshaft="" dtc="" en(h4so)-194,="" p0335="" posi-<br="" to="" —="">TION SENSOR "A" CIRCUIT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0336	Crankshaft position sensor "A" circuit range/per- formance	<ref. crankshaft="" dtc="" en(h4so)-196,="" p0336="" posi-<br="" to="" —="">TION SENSOR "A" CIRCUIT RANGE/PERFORMANCE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0340	Camshaft position sensor "A" circuit (Bank 1 or Single Sensor)	<ref. camshaft="" dtc="" en(h4so)-198,="" p0340="" posi-<br="" to="" —="">TION SENSOR "A" CIRCUIT (BANK 1 OR SINGLE SENSOR) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0341	Camshaft position sensor "A" circuit range/perfor- mance (Bank 1 or Single Sensor)	<ref. camshaft="" dtc="" en(h4so)-200,="" p0341="" posi-<br="" to="" —="">TION SENSOR "A" CIRCUIT RANGE/PERFORMANCE (BANK 1 OR SINGLE SENSOR) —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0400	Exhaust gas recirculation flow	<ref. dtc="" en(h4so)-204,="" exhaust="" gas<br="" p0400="" to="" —="">RECIRCULATION FLOW —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0420	Catalyst system efficiency below threshold (Bank 1)	<ref. catalyst="" dtc="" en(h4so)-208,="" p0420="" system<br="" to="" —="">EFFICIENCY BELOW THRESHOLD (BANK 1) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0442	Evaporative emission control system leak detected (small leak)	<ref. dtc="" emis-<br="" en(h4so)-210,="" evaporative="" p0442="" to="" —="">SION CONTROL SYSTEM LEAK DETECTED (SMALL LEAK) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0447	Evaporative emission control system vent control circuit open	<ref. dtc="" emis-<br="" en(h4so)-214,="" evaporative="" p0447="" to="" —="">SION CONTROL SYSTEM VENT CONTROL CIRCUIT OPEN —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0448	Evaporative emission control system vent control circuit shorted	<ref. dtc="" emis-<br="" en(h4so)-218,="" evaporative="" p0448="" to="" —="">SION CONTROL SYSTEM VENT CONTROL CIRCUIT SHORTED —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0451	Evaporative emission control system pressure sensor range/performance	<ref. dtc="" emis-<br="" en(h4so)-220,="" evaporative="" p0451="" to="" —="">SION CONTROL SYSTEM PRESSURE SENSOR RANGE/ PERFORMANCE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

DTC No.	Item	Index
P0452	Evaporative emission control system pressure sensor low input	<ref. dtc="" emis-<br="" en(h4so)-222,="" evaporative="" p0452="" to="" —="">SION CONTROL SYSTEM PRESSURE SENSOR LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0453	Evaporative emission control system pressure sensor high input	<ref. dtc="" emis-<br="" en(h4so)-226,="" evaporative="" p0453="" to="" —="">SION CONTROL SYSTEM PRESSURE SENSOR HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0456	Evaporative emission control system leak detected (very small leak)	<ref. dtc="" emis-<br="" en(h4so)-230,="" evaporative="" p0456="" to="" —="">SION CONTROL SYSTEM LEAK DETECTED (VERY SMALL LEAK) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0457	Evaporative emission control system leak detected (fuel cap loose/off)	<ref. dtc="" emis-<br="" en(h4so)-234,="" evaporative="" p0457="" to="" —="">SION CONTROL SYSTEM LEAK DETECTED (FUEL CAP LOOSE/OFF) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0458	Evaporative emission control system purge con- trol valve circuit low	<ref. dtc="" emis-<br="" en(h4so)-238,="" evaporative="" p0458="" to="" —="">SION CONTROL SYSTEM PURGE CONTROL VALVE CIR- CUIT LOW —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0459	Evaporative emission control system purge con- trol valve circuit high	<ref. dtc="" emis-<br="" en(h4so)-242,="" evaporative="" p0459="" to="" —="">SION CONTROL SYSTEM PURGE CONTROL VALVE CIR- CUIT HIGH —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0461	Fuel level sensor circuit range/performance	<ref. dtc="" en(h4so)-246,="" fuel="" level="" p0461="" sen-<br="" to="" —="">SOR CIRCUIT RANGE/PERFORMANCE —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0462	Fuel level sensor circuit low input	<ref. dtc="" en(h4so)-248,="" fuel="" level="" p0462="" sen-<br="" to="" —="">SOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0463	Fuel level sensor circuit high input	<ref. dtc="" en(h4so)-252,="" fuel="" level="" p0463="" sen-<br="" to="" —="">SOR CIRCUIT HIGH INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0464	Fuel level sensor circuit intermittent	<ref. dtc="" en(h4so)-256,="" fuel="" level="" p0464="" sen-<br="" to="" —="">SOR CIRCUIT INTERMITTENT—, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0483	Cooling fan rationality check	<ref. cooling="" dtc="" en(h4so)-258,="" fan<br="" p0483="" to="" —="">RATIONALITY CHECK —, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
P0502	Vehicle speed sensor circuit low input	<ref. dtc="" en(h4so)-262,="" p0502="" speed<br="" to="" vehicle="" —="">SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0503	Vehicle speed sensor intermittent/erratic/high	<ref. dtc="" en(h4so)-262,="" p0503="" speed<br="" to="" vehicle="" —="">SENSOR INTERMITTENT/ERRATIC/HIGH —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0506	Idle control system RPM lower than expected	<ref. control="" dtc="" en(h4so)-264,="" idle="" p0506="" sys-<br="" to="" —="">TEM RPM LOWER THAN EXPECTED —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0507	Idle control system RPM higher than expected	<ref. control="" dtc="" en(h4so)-266,="" idle="" p0507="" sys-<br="" to="" —="">TEM RPM HIGHER THAN EXPECTED —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0512	Starter request circuit	<ref. dtc="" en(h4so)-268,="" p0512="" request<br="" starter="" to="" —="">CIRCUIT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0519	Idle air control circuit system performance	<ref. air="" control<br="" dtc="" en(h4so)-270,="" idle="" p0519="" to="" —="">CIRCUIT SYSTEM PERFORMANCE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

DTC No.	Item	Index
P0565	Cruise control on signal	<ref. control<br="" cruise="" dtc="" en(h4so)-272,="" p0565="" to="" —="">ON SIGNAL —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0604	Internal control module random access memory (RAM) error	<ref. control<br="" dtc="" en(h4so)-274,="" internal="" p0604="" to="" —="">MODULE RANDOM ACCESS MEMORY (RAM) ERROR —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0691	Cooling fan 1 control circuit low	<ref. 1<br="" cooling="" dtc="" en(h4so)-276,="" fan="" p0691="" to="" —="">CONTROL CIRCUIT LOW —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0692	Cooling fan 1 control circuit high	<ref. 1<br="" cooling="" dtc="" en(h4so)-280,="" fan="" p0692="" to="" —="">CONTROL CIRCUIT HIGH —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P0703	Torque converter/brake switch "B" circuit	<ref. con-<br="" dtc="" en(h4so)-284,="" p0703="" to="" torque="" —="">VERTER/BRAKE SWITCH "B" CIRCUIT —, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P0705	Transmission range sensor circuit (PRNDL Input)	<ref. at-136,="" check="" diagnostic<br="" inhibitor="" switch.,="" to="">Procedure for No-diagnostic Trouble Code (DTC).></ref.>
P0710	Transmission fluid temperature sensor circuit	<ref. (dtc).="" 27="" at-48,="" atf="" code="" diagnostic="" dtc="" procedure="" sensor,="" temperature="" to="" trouble="" with=""></ref.>
P0716	Input/turbine speed sensor circuit range/perfor- mance	<ref. 36="" at-64,="" converter="" dtc="" to="" torque="" turbine<br="">SPEED SENSOR, Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P0720	Output speed sensor circuit	<ref. 33="" at-58,="" dtc="" front="" sensor,<br="" speed="" to="" vehicle="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0726	Engine speed input circuit range/performance	<ref. (dtc).="" 11="" at-44,="" code="" diagnostic="" dtc="" engine="" procedure="" signal,="" speed="" to="" trouble="" with=""></ref.>
P0731	Gear 1 incorrect ratio	<ref. 1="" dtc="" en(h4so)-286,="" gear="" incorrect<br="" p0731="" to="" —="">RATIO —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0732	Gear 2 incorrect ratio	<ref. 2="" dtc="" en(h4so)-286,="" gear="" incorrect<br="" p0732="" to="" —="">RATIO —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0733	Gear 3 incorrect ratio	<ref. 3="" dtc="" en(h4so)-286,="" gear="" incorrect<br="" p0733="" to="" —="">RATIO —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0734	Gear 4 incorrect ratio	<ref. 4="" dtc="" en(h4so)-287,="" gear="" incorrect<br="" p0734="" to="" —="">RATIO —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0741	Torque converter clutch circuit performance or stuck off	<ref. con-<br="" dtc="" en(h4so)-288,="" p0741="" to="" torque="" —="">VERTER CLUTCH CIRCUIT PERFORMANCE OR STUCK OFF —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0743	Torque converter clutch circuit electrical	<ref. 77="" at-104,="" diag-<br="" dtc="" duty="" lock-up="" solenoid,="" to="">nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0748	Pressure control solenoid "A" electrical	<ref. 75="" at-92,="" dtc="" duty="" line="" pressure="" solenoid,<br="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0753	Shift solenoid "A" electrical	< Ref. to AT-76, DTC 71 SHIFT SOLENOID 1, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0758	Shift solenoid "B" electrical	<ref. (dtc).="" 2,="" 72="" at-80,="" code="" diagnostic="" dtc="" procedure="" shift="" solenoid="" to="" trouble="" with=""></ref.>
P0771	Shift solenoid "E" performance or stuck off	<ref. 73="" at-84,="" clutch="" dtc="" low="" solenoid,<br="" timing="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0778	Pressure control solenoid "B" electrical	<ref. (dtc).="" 2-4="" 76="" at-98,="" brake="" code="" diagnostic="" dtc="" duty="" procedure="" solenoid,="" to="" trouble="" with=""></ref.>
P0785	Shift/timing solenoid	<ref. (dtc).="" 2-4="" 74="" at-88,="" brake="" code="" diagnostic="" dtc="" procedure="" solenoid,="" timing="" to="" trouble="" with=""></ref.>

DTC No.	Item	Index
P0851	Neutral switch input circuit low	<ref. dtc="" en(h4so)-290,="" neutral="" p0851="" switch<br="" to="" —="">INPUT CIRCUIT LOW (AT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> and <ref. en(h4so)-<br="" to="">292, DTC P0851 — NEUTRAL SWITCH INPUT CIRCUIT LOW (MT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.></ref.>
P0852	Neutral switch input circuit high	<ref. dtc="" en(h4so)-294,="" neutral="" p0852="" switch<br="" to="" —="">INPUT CIRCUIT HIGH (AT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).> and<ref. dtc="" en(h4so)-298,="" neutral<br="" p0852="" to="" —="">SWITCH INPUT CIRCUIT HIGH (MT MODEL) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.></ref.>
P0864	TCM communication circuit range/performance	<ref. communica-<br="" dtc="" en(h4so)-302,="" p0864="" tcm="" to="" —="">TION CIRCUIT RANGE/PERFORMANCE —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0865	TCM communication circuit low	<ref. communica-<br="" dtc="" en(h4so)-304,="" p0865="" tcm="" to="" —="">TION CIRCUIT LOW —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0866	TCM communication circuit high	<ref. communica-<br="" dtc="" en(h4so)-306,="" p0866="" tcm="" to="" —="">TION CIRCUIT HIGH —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1110	Atmospheric pressure sensor circuit malfunction (low input)	<ref. barometric="" dtc="" en(h4so)-147,="" p0129="" pres-<br="" to="" —="">SURE TOO LOW —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1111	Atmospheric pressure sensor circuit malfunction (high input)	<ref. atmospheric<br="" dtc="" en(h4so)-308,="" p1111="" to="" —="">PRESSURE SENSOR CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1134	A/F sensor micro-computer problem	<ref. a="" dtc="" en(h4so)-309,="" f="" micro-<br="" p1134="" sensor="" to="" —="">COMPUTER PROBLEM —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1137	O2 sensor circuit (Bank 1 Sensor 1)	<ref. circuit<br="" dtc="" en(h4so)-310,="" o2="" p1137="" sensor="" to="" —="">(BANK 1 SENSOR 1) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1400	Fuel tank pressure control solenoid valve circuit low	<ref. dtc="" en(h4so)-314,="" fuel="" p1400="" pres-<br="" tank="" to="" —="">SURE CONTROL SOLENOID VALVE CIRCUIT LOW —, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1420	Fuel tank pressure control solenoid valve circuit high	<ref. dtc="" en(h4so)-318,="" fuel="" p1420="" pres-<br="" tank="" to="" —="">SURE CONTROL SOLENOID VALVE CIRCUIT HIGH —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1443	Vent control solenoid valve function problem	<ref. control<br="" dtc="" en(h4so)-322,="" p1443="" to="" vent="" —="">SOLENOID VALVE FUNCTION PROBLEM —, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P1446	Fuel tank sensor control valve circuit low	<ref. dtc="" en(h4so)-324,="" fuel="" p1446="" sensor<br="" tank="" to="" —="">CONTROL VALVE CIRCUIT LOW —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1447	Fuel tank sensor control valve circuit high	<ref. dtc="" en(h4so)-328,="" fuel="" p1447="" sensor<br="" tank="" to="" —="">CONTROL VALVE CIRCUIT HIGH —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1448	Fuel tank sensor control valve range/performance	<ref. dtc="" en(h4so)-330,="" fuel="" p1448="" sensor<br="" tank="" to="" —="">CONTROL VALVE RANGE/PERFORMANCE —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1492	EGR solenoid valve signal #1 circuit malfunction (low input)	<ref. dtc="" egr="" en(h4so)-332,="" p1492="" solenoid<br="" to="" —="">VALVE SIGNAL #1 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

DTC No.	Item	Index
P1493	EGR solenoid valve signal #1 circuit malfunction (high input)	<ref. dtc="" egr="" en(h4so)-332,="" p1493="" solenoid<br="" to="" —="">VALVE SIGNAL #1 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1494	EGR solenoid valve signal #2 circuit malfunction (low input)	<ref. dtc="" egr="" en(h4so)-332,="" p1494="" solenoid<br="" to="" —="">VALVE SIGNAL #2 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1495	EGR solenoid valve signal #2 circuit malfunction (high input)	<ref. dtc="" egr="" en(h4so)-332,="" p1495="" solenoid<br="" to="" —="">VALVE SIGNAL #2 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1496	EGR solenoid valve signal #3 circuit malfunction (low input)	<ref. dtc="" egr="" en(h4so)-332,="" p1496="" solenoid<br="" to="" —="">VALVE SIGNAL #3 CIRCUIT MALFUNCTION (LOW INPUT)— , Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1497	EGR solenoid valve signal #3 circuit malfunction (high input)	<ref. dtc="" egr="" en(h4so)-332,="" p1497="" solenoid<br="" to="" —="">VALVE SIGNAL #3 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1498	EGR solenoid valve signal #4 circuit malfunction (low input)	<ref. dtc="" egr="" en(h4so)-334,="" p1498="" solenoid<br="" to="" —="">VALVE SIGNAL #4 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1499	EGR solenoid valve signal #4 circuit malfunction (high input)	<ref. dtc="" egr="" en(h4so)-336,="" p1499="" solenoid<br="" to="" —="">VALVE SIGNAL #4 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1510	ISC solenoid valve signal #1 circuit malfunction (low input)	<ref. dtc="" en(h4so)-262,="" p0502="" speed<br="" to="" vehicle="" —="">SENSOR CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1511	ISC solenoid valve signal #1 circuit malfunction (high input)	<ref. dtc="" en(h4so)-338,="" isc="" p1511="" solenoid<br="" to="" —="">VALVE SIGNAL #1 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1512	ISC solenoid valve signal #2 circuit malfunction (low input)	<ref. dtc="" en(h4so)-338,="" isc="" p="" p1512="" solenoid<="" to="" —=""> VALVE SIGNAL #2 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1513	ISC solenoid valve signal #2 circuit malfunction (high input)	<ref. dtc="" en(h4so)-338,="" isc="" p1513="" solenoid<br="" to="" —="">VALVE SIGNAL #2 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1514	ISC solenoid valve signal #3 circuit malfunction (low input)	<ref. dtc="" en(h4so)-338,="" isc="" p="" p1514="" solenoid<="" to="" —=""> VALVE SIGNAL #3 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1515	ISC solenoid valve signal #3 circuit malfunction (high input)	<ref. dtc="" en(h4so)-338,="" isc="" p="" p1515="" solenoid<="" to="" —=""> VALVE SIGNAL #3 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1516	ISC solenoid valve signal #4 circuit malfunction (low input)	<ref. dtc="" en(h4so)-340,="" isc="" p="" p1516="" solenoid<="" to="" —=""> VALVE SIGNAL #4 CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

DTC No.	Item	Index
P1517	ISC solenoid valve signal #4 circuit malfunction (high input)	<ref. dtc="" en(h4so)-344,="" isc="" p1517="" solenoid<br="" to="" —="">VALVE SIGNAL #4 CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1518	Starter switch circuit low input	<ref. dtc="" en(h4so)-346,="" p1518="" starter="" switch<br="" to="" —="">CIRCUIT LOW INPUT —, Diagnostic Procedure with Diagnos- tic Trouble Code (DTC).></ref.>
P1560	Back-up voltage circuit malfunction	<ref. back-up="" dtc="" en(h4so)-350,="" p1560="" to="" voltage<br="" —="">CIRCUIT MALFUNCTION —, Diagnostic Procedure with Diag- nostic Trouble Code (DTC).></ref.>
P1698	Engine torque control cut signal circuit malfunction (low input)	<ref. dtc="" en(h4so)-352,="" engine="" p1698="" to="" torque<br="" —="">CONTROL CUT SIGNAL CIRCUIT MALFUNCTION (LOW INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1699	Engine torque control cut signal circuit malfunction (high input)	<ref. dtc="" en(h4so)-354,="" engine="" p1699="" to="" torque<br="" —="">CONTROL CUT SIGNAL CIRCUIT MALFUNCTION (HIGH INPUT) —, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1700	Throttle position sensor circuit malfunction for AT	<ref. 31="" at-52,="" dtc="" position="" sensor,<br="" throttle="" to="">Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1711	Engine torque control signal #1 circuit malfunction	<ref. dtc="" en(h4so)-356,="" engine="" p1711="" to="" torque<br="" —="">CONTROL SIGNAL #1 CIRCUIT MALFUNCTION —, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1712	Engine torque control signal #2 circuit malfunction	<ref. dtc="" en(h4so)-358,="" engine="" p1712="" to="" torque<br="" —="">CONTROL SIGNAL #2 CIRCUIT MALFUNCTION —, Diagnos- tic Procedure with Diagnostic Trouble Code (DTC).></ref.>