13.List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Item	Content of diagnosis	Reference target
P0705	Transmission Range Sensor Circuit (PRNDL Input)	Inhibitor switch malfunction, open or short circuit	<ref. 5at(diag)-31,="" dtc="" p0705="" to="" transmis-<br="">SION RANGE SENSOR CIRCUIT (PRNDL INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0712	Transmission Fluid Temperature Sensor Circuit Low Input	ATF temperature sensor 1 mal- function, or open input signal cir- cuit	<ref. 5at(diag)-35,="" dtc="" p0712="" to="" transmis-<br="">SION FLUID TEMPERATURE SENSOR CIR- CUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0713	Transmission Fluid Temperature Sensor Circuit High Input	ATF temperature sensor 1 mal- function, short input signal circuit	<ref. 5at(diag)-38,="" dtc="" p0713="" to="" transmis-<br="">SION FLUID TEMPERATURE SENSOR CIR- CUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0715	Input/Turbine Speed Sensor Circuit	Turbine speed sensor 1 malfunction, short input signal circuit	<ref. (dtc).="" 5at(diag)-41,="" circuit,="" code="" diagnostic="" dtc="" input="" p0715="" procedure="" sensor="" speed="" to="" trouble="" tur-bine="" with=""></ref.>
P0719	Torque Converter/Brake Switch "B" Circuit Low	Brake switch malfunction, open input signal circuit, body integrated unit malfunction, CAN communication malfunction	<ref. 5at(diag)-44,="" dtc="" p0719="" to="" torque<br="">CONVERTER/BRAKE SWITCH "B" CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0720	Output Speed Sensor Circuit	Front wheel speed sensor is faulty or input signal circuit, ground, power supply is open or shorted.	<ref. 5at(diag)-46,="" dtc="" output<br="" p0720="" to="">SPEED SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0724	Torque Converter/Brake Switch "B" Circuit High	Brake switch malfunction, short circuit of input signal, body integrated unit, CAN communication malfunction	<ref. 5at(diag)-50,="" dtc="" p0724="" to="" torque<br="">CONVERTER/BRAKE SWITCH "B" CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0725	Engine Speed Input Circuit	Open or short engine speed output signal circuit, ECM malfunction, CAN communication malfunction	<ref. 5at(diag)-52,="" dtc="" engine<br="" p0725="" to="">SPEED INPUT CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0731	Gear 1 Incorrect Ratio	Vehicle sensor, turbine speed sensor, control valve malfunction or shift clutch malfunction	<ref. 1<br="" 5at(diag)-52,="" dtc="" gear="" p0731="" to="">INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0732	Gear 2 Incorrect Ratio	Vehicle sensor, turbine speed sensor, control valve malfunction or shift clutch malfunction	<ref. 2<="" 5at(diag)-52,="" dtc="" gear="" p="" p0732="" to=""> INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0733	Gear 3 Incorrect Ratio	Vehicle sensor, turbine speed sensor or shift clutch malfunction	<ref. 3<br="" 5at(diag)-52,="" dtc="" gear="" p0733="" to="">INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0734	Gear 4 Incorrect Ratio	Vehicle sensor, turbine speed sensor or shift clutch malfunction	<ref. 4<="" 5at(diag)-52,="" dtc="" gear="" p="" p0734="" to=""> INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0735	Gear 5 Incorrect Ratio	Vehicle sensor, turbine speed sensor or shift clutch malfunction	<ref. 5<br="" 5at(diag)-52,="" dtc="" gear="" p0735="" to="">INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0736	Reverse Incorrect Ratio	Vehicle sensor, turbine speed sensor or shift clutch malfunction	<ref. (dtc).="" 5at(diag)-53,="" code="" diagnostic="" dtc="" incorrect="" p0736="" procedure="" ratio,="" reverse="" to="" trouble="" with=""></ref.>
P0741	Torque Converter Clutch Circuit Performance or Stuck Off	Lock-up clutch is faulty or valve is stuck.	<ref. 5at(diag)-54,="" dtc="" p0741="" to="" torque<br="">CONVERTER CLUTCH CIRCUIT PERFOR- MANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>

List of Diagnostic Trouble Code (DTC)

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Reference target
P0743	Torque Converter Clutch Circuit Electrical	L/U solenoid circuit malfunction or L/U solenoid body malfunction	<ref. (dtc).="" 5at(diag)-56,="" circuit="" clutch="" code="" converter="" diagnostic="" dtc="" electrical,="" p0743="" procedure="" to="" torque="" trouble="" with=""></ref.>
P0748	Pressure Control Sole- noid "A" Electrical	Line pressure solenoid circuit malfunction or line pressure solenoid body malfunction	<ref. 5at(diag)-59,="" dtc="" p0748="" pressure<br="" to="">CONTROL SOLENOID "A" ELECTRICAL, Diag- nostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0751	Shift Solenoid "A" Performance or Stuck Off	Fr/B Solenoid Function Malfunction	<ref. 5at(diag)-61,="" dtc="" p0751="" shift<br="" to="">SOLENOID "A" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P0753	Shift Solenoid "A" Electrical	Fr/B solenoid circuit malfunction or Fr/B solenoid body malfunction	<ref. 5at(diag)-64,="" dtc="" p0753="" shift<br="" to="">SOLENOID "A" ELECTRICAL, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0756	Shift Solenoid "B" Performance or Stuck Off	Shift Solenoid "B" Performance malfunction	<ref. 5at(diag)-67,="" dtc="" p0756="" shift<br="" to="">SOLENOID "B" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P0758	Shift Solenoid "B" Electrical	I/C solenoid circuit malfunction or I/C solenoid body malfunction	<ref. 5at(diag)-70,="" dtc="" p0758="" shift<br="" to="">SOLENOID "B" ELECTRICAL, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0761	Shift Solenoid "C" Performance or Stuck Off	H&LR/C solenoid malfunction	<ref. 5at(diag)-72,="" dtc="" p0761="" shift<br="" to="">SOLENOID "C" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P0763	Shift Solenoid "C" Electrical	H&LR/C solenoid circuit malfunction or H&LR/C solenoid body malfunction	<ref. 5at(diag)-75,="" dtc="" p0763="" shift<br="" to="">SOLENOID "C" ELECTRICAL, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P0766	Shift Solenoid "D" Performance or Stuck Off	D/C solenoid malfunction	<ref. 5at(diag)-77,="" dtc="" p0766="" shift<br="" to="">SOLENOID "D" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P0768	Shift Solenoid "D" Electrical	D/C solenoid circuit malfunction or D/C solenoid body malfunction	<ref. 5at(diag)-80,="" dtc="" p0768="" solenoid<br="" to="">"D" ELECTRICAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0771	Shift Solenoid "E" Performance or Stuck Off	LC/B solenoid malfunction	<ref. 5at(diag)-82,="" dtc="" p0771="" shift<br="" to="">SOLENOID "E" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trou- ble Code (DTC).></ref.>
P0773	Shift Solenoid "E" Electrical	LC/B solenoid circuit malfunction or LC/B solenoid body malfunction OFF malfunction of PVIGN relay circuit or relay body	<ref. "e"="" (dtc).="" 5at(diag)-85,="" code="" diagnostic="" dtc="" electrical,="" p0773="" procedure="" shift="" solenoid="" to="" trouble="" with=""></ref.>
P0801	Reverse Inhibit Control Circuit	 Shift lock solenoid is faulty or output signal circuit is open or shorted. Blown out of TCM+B fuse 	<ref. (dtc).="" 5at(diag)-88,="" circuit,="" code="" control="" diagnostic="" dtc="" inhibit="" p0801="" procedure="" reverse="" to="" trouble="" with=""></ref.>
P0817	Starter Disable Circuit	 PN signal output circuit is open or shorted. ECM Source Voltage Is Abnormal Blown out of TCM+B fuse 	<ref. (dtc).="" 5at(diag)-91,="" circuit,="" code="" diagnostic="" disable="" dtc="" p0817="" procedure="" starter="" to="" trouble="" with=""></ref.>
P0882	TCM Power Input Signal Low	PVIGN relay output circuit is open, shorted or relay malfunction	<ref. 5at(diag)-93,="" dtc="" p0882="" tcm<br="" to="">POWER INPUT SIGNAL LOW, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>

DTC	Item	Content of diagnosis	Reference target
P0957	Backup Light Relay Circuit Low	Back-up relay output circuit is open, shorted or relay OFF malfunction	<ref. 5at(diag)-95,="" backup<br="" dtc="" p0957="" to="">LIGHT RELAY CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P0958	Backup Light Relay Output Circuit High	Back-up relay output circuit is open, shorted or relay ON mal-function	<ref. 5at(diag)-97,="" backup<br="" dtc="" p0958="" to="">LIGHT RELAY CIRCUIT HIGH, Diagnostic Pro- cedure with Diagnostic Trouble Code (DTC).></ref.>
P1601	TCM Data Communication Failure	Communication Failure between TCM and Memory Box	<ref. 5at(diag)-99,="" data<br="" dtc="" p1601="" tcm="" to="">COMMUNICATION FAILURE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1706	AT Vehicle Speed Sensor Circuit Malfunction (Rear Wheel)	Rear wheel speed sensor is faulty or input circuit, ground, power supply is open or shorted.	<ref. 5at(diag)-101,="" at="" dtc="" p1706="" to="" vehi-<br="">CLE SPEED SENSOR CIRCUIT MALFUNC- TION (REAR WHEEL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1707	AT AWD Solenoid Valve Circuit Malfunction	AWD solenoid circuit malfunction or AWD solenoid body malfunction	<ref. (dtc).="" 5at(diag)-104,="" at="" awd="" circuit="" code="" diagnostic="" dtc="" malfunction,="" p1707="" procedure="" solenoid="" to="" trouble="" valve="" with=""></ref.>
P1710	Torque Converter Turbine 2 Speed Signal Circuit 2 Malfunction	Torque converter sensor 2 mal- function, input circuit, ground, power open, short circuit	<ref. 5at(diag)-107,="" dtc="" p1710="" to="" torque<br="">CONVERTER TURBINE 2 SPEED SIGNAL CIRCUIT 2 MALFUNCTION, Diagnostic Proce- dure with Diagnostic Trouble Code (DTC).></ref.>
P1716	ATF Temp. Sensor 2 Circuit Low	ATF temperature sensor 2 mal- function, or open input signal cir- cuit	<ref. 5at(diag)-110,="" atf="" dtc="" p="" p1716="" temp.<="" to=""> SENSOR 2 CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1717	ATF Temp. Sensor 2 Circuit High	ATF temperature sensor 2 mal- function, short input signal circuit	<ref. 5at(diag)-113,="" atf="" dtc="" p="" p1717="" temp.<="" to=""> SENSOR 2 CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1718	AT CAN Communication Circuit	CAN communication line bus off is open, EUM short circuit, ABS/VDCCM, integrated CU malfunction	<ref. (dtc).="" 5at(diag)-115,="" at="" can="" circuit,="" code="" communication="" diagnostic="" dtc="" p1718="" procedure="" to="" trouble="" with=""></ref.>
P1798	Gear 1 Engine Brake	Malfunction of clutch oil pressure related to 1st engine brake, solenoid current malfunction	<ref. 1<br="" 5at(diag)-115,="" dtc="" gear="" p1798="" to="">ENGINE BRAKE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1799	Interlock	Malfunction of clutch oil pressure which emit interlock, solenoid current malfunction	<ref. 5at(diag)-116,="" dtc="" inter-<br="" p1799="" to="">LOCK, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1817	SPORT Mode Switch Circuit (Manual Switch)	Manual mode switch is open or shorted, or switch malfunction	<ref. 5at(diag)-117,="" dtc="" p1817="" sport<br="" to="">MODE SWITCH CIRCUIT (MANUAL SWITCH), Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1840	Transmission Fluid Pressure Sensor/Switch A Circuit	Fr/B oil pressure switch is open or shorted, or switch malfunction	<ref. 5at(diag)-119,="" dtc="" p1840="" to="" transmis-<br="">SION FLUID PRESSURE SENSOR/SWITCH A CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1842	Transmission Fluid Pressure Sensor/Switch C Circuit	I/C oil pressure switch is open or shorted, or switch malfunction.	<ref. 5at(diag)-119,="" dtc="" p1842="" to="" transmis-<br="">SION FLUID PRESSURE SENSOR/SWITCH C CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1843	Transmission Fluid Pressure Sensor/Switch D Circuit	D/C oil pressure switch is open or shorted, or switch malfunction.	<ref. 5at(diag)-119,="" dtc="" p1843="" to="" transmis-<br="">SION FLUID PRESSURE SENSOR/SWITCH D CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>
P1844	Transmission Fluid Pressure Sensor/Switch E Circuit	H&LR/C oil pressure switch is open or shorted, or switch malfunction.	<ref. 5at(diag)-119,="" dtc="" p1844="" to="" transmis-<br="">SION FLUID PRESSURE SENSOR/SWITCH E CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).></ref.>