

List of Diagnostic Trouble Code (DTC)

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

14. List of Diagnostic Trouble Code (DTC)

A: LIST

DTC	Item	Content of diagnosis	Reference
P0705	Transmission Range Sensor Circuit (PRNDL Input)	Inhibitor switch malfunction, open or short circuit	<Ref. to 5AT(diag)-35, DTC P0705 TRANSMISSION RANGE SENSOR CIRCUIT (PRNDL INPUT), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0711	ATF Temp. Sensor Circuit Range/Performance	ATF temperature sensor is faulty or input signal circuit is faulty.	<Ref. to 5AT(diag)-39, DTC P0711 ATF TEMP. SENSOR CIRCUIT RANGE/PERFORMANCE, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0712	Transmission Fluid Temperature Sensor Circuit Low Input	ATF temperature sensor is faulty or input signal circuit is shorted.	<Ref. to 5AT(diag)-41, DTC P0712 TRANSMISSION FLUID TEMPERATURE SENSOR CIRCUIT LOW INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0713	Transmission Fluid Temperature Sensor Circuit High Input	ATF temperature sensor is faulty or input signal circuit is open.	<Ref. to 5AT(diag)-43, DTC P0713 TRANSMISSION FLUID TEMPERATURE SENSOR CIRCUIT HIGH INPUT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0715	Input/Turbine Speed Sensor Circuit	Turbine speed sensor 1 malfunction, open or short in input signal circuit	<Ref. to 5AT(diag)-45, DTC P0715 INPUT/TURBINE SPEED SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0719	Brake Switch Circuit Low	Brake switch malfunction, open circuit in input signal, body integrated unit malfunction, or CAN communication error	<Ref. to 5AT(diag)-48, DTC P0719 BRAKE SWITCH CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0720	Output Speed Sensor Circuit	Front vehicle speed sensor malfunction, open or short in input signal circuit, ground or power supply	<Ref. to 5AT(diag)-50, DTC P0720 OUTPUT SPEED SENSOR CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0724	Brake Switch Circuit High	Brake switch malfunction, short circuit in input signal, body integrated unit malfunction, or CAN communication error	<Ref. to 5AT(diag)-53, DTC P0724 BRAKE SWITCH CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0731	Gear 1 Incorrect Ratio	Vehicle speed sensor, turbine speed sensor, control valve, or gear shift clutch malfunction	<Ref. to 5AT(diag)-55, DTC P0731 GEAR 1 INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0732	Gear 2 Incorrect Ratio	Vehicle speed sensor, turbine speed sensor, control valve, or gear shift clutch malfunction	<Ref. to 5AT(diag)-55, DTC P0732 GEAR 2 INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0733	Gear 3 Incorrect Ratio	Vehicle speed sensor, turbine speed sensor or gear shift clutch malfunction	<Ref. to 5AT(diag)-55, DTC P0733 GEAR 3 INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0734	Gear 4 Incorrect Ratio	Vehicle speed sensor, turbine speed sensor or gear shift clutch malfunction	<Ref. to 5AT(diag)-55, DTC P0734 GEAR 4 INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0735	Gear 5 Incorrect Ratio	Vehicle speed sensor, turbine speed sensor or gear shift clutch malfunction	<Ref. to 5AT(diag)-55, DTC P0735 GEAR 5 INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0736	Reverse Incorrect Ratio	Vehicle speed sensor, turbine speed sensor or gear shift clutch malfunction	<Ref. to 5AT(diag)-56, DTC P0736 REVERSE INCORRECT RATIO, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0741	Torque Converter Clutch Circuit Performance or Stuck Off	Lock-up clutch is faulty or valve is stuck.	<Ref. to 5AT(diag)-57, DTC P0741 TORQUE CONVERTER CLUTCH CIRCUIT PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Reference
P0743	Torque Converter Clutch Circuit Electrical	L/U solenoid circuit or L/U solenoid unit malfunction	<Ref. to 5AT(diag)-58, DTC P0743 TORQUE CONVERTER CLUTCH CIRCUIT ELECTRICAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0748	Pressure Control Solenoid "A" Electrical	Line pressure solenoid circuit or line pressure solenoid unit malfunction	<Ref. to 5AT(diag)-60, DTC P0748 PRESSURE CONTROL SOLENOID "A" ELECTRICAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0751	Shift Solenoid "A" Performance or Stuck Off	Fr/B solenoid malfunction	<Ref. to 5AT(diag)-62, DTC P0751 SHIFT SOLENOID "A" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0753	Shift Solenoid "A" Electrical	Fr/B solenoid circuit or Fr/B solenoid unit malfunction	<Ref. to 5AT(diag)-64, DTC P0753 SHIFT SOLENOID "A" ELECTRICAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0756	Shift Solenoid "B" Performance or Stuck Off	I/C solenoid malfunction	<Ref. to 5AT(diag)-66, DTC P0756 SHIFT SOLENOID "B" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0758	Shift Solenoid "B" Electrical	I/C solenoid circuit or I/C solenoid unit malfunction	<Ref. to 5AT(diag)-68, DTC P0758 SHIFT SOLENOID "B" ELECTRICAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0761	Shift Solenoid "C" Performance or Stuck Off	H&LR/C solenoid malfunction	<Ref. to 5AT(diag)-70, DTC P0761 SHIFT SOLENOID "C" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0763	Shift Solenoid "C" Electrical	H&LR/C solenoid circuit or H&LR/C solenoid unit malfunction	<Ref. to 5AT(diag)-72, DTC P0763 SHIFT SOLENOID "C" ELECTRICAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0766	Shift Solenoid "D" Performance or Stuck Off	D/C solenoid malfunction	<Ref. to 5AT(diag)-74, DTC P0766 SHIFT SOLENOID "D" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0768	Shift Solenoid "D" Electrical	D/C solenoid circuit or D/C solenoid unit malfunction	<Ref. to 5AT(diag)-76, DTC P0768 SHIFT SOLENOID "D" ELECTRICAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0771	Shift Solenoid "E" Performance or Stuck Off	Fwd/B solenoid malfunction	<Ref. to 5AT(diag)-78, DTC P0771 SHIFT SOLENOID "E" PERFORMANCE OR STUCK OFF, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0773	Shift Solenoid "E" Electrical	Fwd/B solenoid circuit or Fwd/B solenoid unit malfunction	<Ref. to 5AT(diag)-80, DTC P0773 SHIFT SOLENOID "E" ELECTRICAL, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0801	Reverse Inhibit Control Circuit	- Shift lock solenoid is faulty or output signal circuit is open or shorted. - TCM+B fuse is blown.	<Ref. to 5AT(diag)-82, DTC P0801 REVERSE INHIBIT CONTROL CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0817	Starter Disable Circuit	- Open or short in PN signal output circuit - ECM power supply malfunction - TCM+B fuse is blown.	<Ref. to 5AT(diag)-84, DTC P0817 STARTER DISABLE CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0957	Backup Light Relay Circuit Low	Open or short in back-up light relay output circuit, or relay OFF malfunction	<Ref. to 5AT(diag)-86, DTC P0957 BACKUP LIGHT RELAY CIRCUIT LOW, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P0958	Backup Light Relay Circuit High	Short circuit in back-up light relay output, or relay ON malfunction	<Ref. to 5AT(diag)-88, DTC P0958 BACKUP LIGHT RELAY CIRCUIT HIGH, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>

List of Diagnostic Trouble Code (DTC)

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

DTC	Item	Content of diagnosis	Reference
P1706	AT Vehicle Speed Sensor Circuit Malfunction (Rear Wheel)	Rear vehicle speed sensor malfunction, open or short in input circuit, ground or power supply	<Ref. to 5AT(diag)-90, DTC P1706 AT VEHICLE SPEED SENSOR CIRCUIT MALFUNCTION (REAR WHEEL), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1707	AT AWD Solenoid Valve Circuit Malfunction	AWD solenoid circuit or AWD solenoid unit malfunction	<Ref. to 5AT(diag)-92, DTC P1707 AT AWD SOLENOID VALVE CIRCUIT MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1710	Torque Converter Turbine 2 Speed Signal Circuit Malfunction	Turbine speed sensor 2 malfunction, open or short in input circuit, ground or power supply	<Ref. to 5AT(diag)-94, DTC P1710 TORQUE CONVERTER TURBINE 2 SPEED SIGNAL CIRCUIT MALFUNCTION, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1718	AT CAN Communication Circuit	Open circuit in CAN communication bus off, shorted ECM, ABS/VDCCM, body integrated unit malfunction	<Ref. to 5AT(diag)-96, DTC P1718 AT CAN COMMUNICATION CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1724	AT EEPROM Error	TCM EEPROM malfunction	<Ref. to 5AT(diag)-97, DTC P1724 AT EEPROM ERROR, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1817	Sports Mode Switch Circuit (Manual Switch)	Open or short in manual mode switch circuit, or switch malfunction	<Ref. to 5AT(diag)-98, DTC P1817 SPORTS MODE SWITCH CIRCUIT (MANUAL SWITCH), Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1840	Transmission Fluid Pressure Sensor Switch A Circuit	Open or short in Fr/B fluid pressure switch circuit, or switch malfunction	<Ref. to 5AT(diag)-100, DTC P1840 TRANSMISSION FLUID PRESSURE SENSOR SWITCH A CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1841	Transmission Fluid Pressure Sensor Switch B Circuit	Open or short in Fwd/B fluid pressure switch circuit, or switch malfunction	<Ref. to 5AT(diag)-100, DTC P1841 TRANSMISSION FLUID PRESSURE SENSOR SWITCH B CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1842	Transmission Fluid Pressure Sensor Switch C Circuit	Open or short in I/O fluid pressure switch circuit, or switch malfunction	<Ref. to 5AT(diag)-100, DTC P1842 TRANSMISSION FLUID PRESSURE SENSOR SWITCH C CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1843	Transmission Fluid Pressure Sensor Switch D Circuit	Open or short circuit in D/C fluid pressure switch circuit, or switch malfunction	<Ref. to 5AT(diag)-100, DTC P1843 TRANSMISSION FLUID PRESSURE SENSOR SWITCH D CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>
P1844	Transmission Fluid Pressure Sensor Switch E Circuit	Open or short in H&LR/C fluid pressure switch circuit, or switch malfunction	<Ref. to 5AT(diag)-100, DTC P1844 TRANSMISSION FLUID PRESSURE SENSOR SWITCH E CIRCUIT, Diagnostic Procedure with Diagnostic Trouble Code (DTC).>