

# LIST OF DIAGNOSTIC TROUBLE CODE (DTC)

AUTOMATIC TRANSMISSION (DIAGNOSTICS)

## 11. List of Diagnostic Trouble Code (DTC)

### A: LIST

DTC	Item	Diagnosis content	Reference
P0705	Transmission Range Sensor Circuit (PRNDL Input)	Inhibitor switch malfunction, open or short circuit	<Ref. to 4AT(D)-33, DTC P0705 — TRANSMISSION RANGE SENSOR —.>
P0712	Transmission Fluid Temperature Sensor Circuit Low Input	ATF temperature sensor malfunction, open input signal circuit	<Ref. to 4AT(D)-44, DTC P0712 — TRANSMISSION FLUID TEMPERATURE SENSOR CIRCUIT LOW INPUT —.>
P0713	Transmission Fluid Temperature Sensor Circuit High Input	ATF temperature sensor malfunction, open input signal circuit	<Ref. to 4AT(D)-48, DTC P0713 — TRANSMISSION FLUID TEMPERATURE SENSOR CIRCUIT HIGH INPUT —.>
P0715	Input/Turbine Speed Sensor Circuit	Torque converter turbine speed sensor malfunction, open or short input signal circuit	<Ref. to 4AT(D)-52, DTC P0715 — INPUT/TURBINE SPEED SENSOR CIRCUIT —.>
P0719	Torque Converter/Brake Switch "B" Circuit Low	Brake switch malfunction, open input signal circuit	<Ref. to 4AT(D)-54, DTC P0719 — TORQUE CONVERTER/BRAKE SWITCH "B" CIRCUIT LOW —.>
P0720	AT Vehicle Speed Sensor Circuit	Front vehicle speed sensor malfunction, open or short input signal circuit	<Ref. to 4AT(D)-56, DTC P0720 — AT VEHICLE SPEED SENSOR CIRCUIT —.>
P0724	Torque Converter/Brake Switch "B" Circuit High	Brake switch malfunction, short input signal circuit	<Ref. to 4AT(D)-60, DTC P0724 — TORQUE CONVERTER/BRAKE SWITCH "B" CIRCUIT HIGH —.>
P0725	Engine Speed Input Circuit	Open or short engine speed output signal circuit	<Ref. to 4AT(D)-62, DTC P0725 — ENGINE SPEED INPUT CIRCUIT —.>
P0731	Gear 1 Incorrect Ratio	Vehicle speed sensor, torque converter turbine speed sensor, or control valve malfunction	<Ref. to 4AT(D)-64, DTC P0731 — GEAR 1 INCORRECT RATIO —.>
P0732	Gear 2 Incorrect Ratio	Vehicle speed sensor, torque converter turbine speed sensor, or control valve malfunction	<Ref. to 4AT(D)-64, DTC P0732 — GEAR 2 INCORRECT RATIO —.>
P0733	Gear 3 Incorrect Ratio	Vehicle speed sensor, torque converter turbine speed sensor, or control valve malfunction	<Ref. to 4AT(D)-64, DTC P0733 — GEAR 3 INCORRECT RATIO —.>
P0734	Gear 4 Incorrect Ratio	Vehicle speed sensor, torque converter turbine speed sensor, or control valve malfunction	<Ref. to 4AT(D)-64, DTC P0734 — GEAR 4 INCORRECT RATIO —.>
P0736	Reverse Incorrect Ratio	Vehicle speed sensor, torque converter turbine speed sensor, or control valve malfunction	<Ref. to 4AT(D)-65, DTC P0736 — REVERSE INCORRECT RATIO —.>
P0741	Torque Converter Clutch Circuit Performance or Stuck Off	Lock up clutch malfunction or locking of valve	<Ref. to 4AT(D)-66, DTC P0741 — TORQUE CONVERTER CLUTCH CIRCUIT PERFORMANCE OR STUCK OFF —.>
P0743	Torque Converter Clutch Circuit Electrical	Lock up solenoid malfunction, open or short output signal circuit	<Ref. to 4AT(D)-68, DTC P0743 — TORQUE CONVERTER CLUTCH CIRCUIT ELECTRICAL —.>
P0748	Pressure Control Solenoid "A" Electrical	Line pressure linear solenoid malfunction, open or short output signal circuit	<Ref. to 4AT(D)-70, DTC P0748 — PRESSURE CONTROL SOLENOID "A" ELECTRICAL —.>
P0753	Shift Solenoid "A" Electrical	Low clutch duty solenoid malfunction, open or short output signal circuit	<Ref. to 4AT(D)-74, DTC P0753 — SHIFT SOLENOID "A" ELECTRICAL —.>

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P0758	Shift Solenoid "B" Electrical	2-4 brake duty solenoid malfunction, open or short output signal circuit	<Ref. to 4AT(D)-78, DTC P0758 — SHIFT SOLENOID "B" ELECTRICAL —.>
P0763	Shift Solenoid "C" Electrical	High clutch duty solenoid malfunction, open or short output signal circuit	<Ref. to 4AT(D)-82, DTC P0763 — SHIFT SOLENOID "C" ELECTRICAL —.>
P0768	Shift Solenoid "D" Electrical	Low & reverse clutch duty solenoid malfunction, open or short output signal circuit	<Ref. to 4AT(D)-86, DTC P0768 — SHIFT SOLENOID "D" ELECTRICAL —.>
P0801	Reverse Inhibitor Control Circuit	Shift lock solenoid malfunction, open or short output signal circuit	<Ref. to 4AT(D)-90, DTC P0801 — REVERSE INHIBITOR CONTROL CIRCUIT —.>
P1706	AT Vehicle Speed Sensor Circuit Malfunction (rear wheel)	Rear vehicle speed sensor malfunction, open or short input signal circuit	<Ref. to 4AT(D)-92, DTC P1706 — AT VEHICLE SPEED SENSOR CIRCUIT MALFUNCTION (REAR WHEEL) —.>
P1707	AT AWD Solenoid Valve Circuit Malfunction	Transfer duty solenoid malfunction, open or short output signal circuit	<Ref. to 4AT(D)-96, DTC P1707 — AT AWD SOLENOID VALVE CIRCUIT MALFUNCTION —.>
P1708	Throttle Position Sensor Circuit Low Input	Accelerator pedal position sensor malfunction, open input signal circuit	<Ref. to 4AT(D)-100, DTC P1708 — THROTTLE POSITION SENSOR CIRCUIT LOW INPUT —.>
P1709	Throttle Position Sensor Circuit High Input	Accelerator pedal position sensor malfunction, open input signal circuit	<Ref. to 4AT(D)-104, DTC P1709 — THROTTLE POSITION SENSOR CIRCUIT HIGH INPUT —.>
P1714	Throttle Position Sensor Power Supply Circuit	Accelerator pedal position sensor malfunction, open or short input signal circuit	<Ref. to 4AT(D)-108, DTC P1714 — THROTTLE POSITION SENSOR POWER SUPPLY CIRCUIT —.>
P1718	CAN Communication Circuit Malfunction	Open or short CAN communication signal circuit	<Ref. to 4AT(D)-110, DTC P1718 — CAN COMMUNICATION CIRCUIT MALFUNCTION —.>
P1817	SPORT Mode Switch Circuit (Manual Switch)	Sport shift mode switch malfunction, open or short input signal circuit	<Ref. to 4AT(D)-112, DTC P1817 — SPORT MODE SWITCH CIRCUIT (MANUAL SWITCH) —.>

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