

DIAGNOSTIC TROUBLE CODE CHART

If a DTC is displayed during the DTC check, check the circuit listed for that code in the table below and proceed to the page given.

DTC No.	Detection Item	DTC Detecting Condition
P0710	Temperature Fluid Sensor Circuit Malfunction (A/T Fluid Temperature Sensor)	Either a) or b) is detected for 0.5 sec. or more: a) Temperature sensor resistance is less than 79 k Ω b) After the engine has been operating for 15 minutes or more, the resistance at the temperature sensor is more than 156 k Ω
P0720	Output Speed Sensor (No.1 Vehicle Speed Sensor) Circuit Malfunction (for Back-up Sensor)	Either a) or b), together with c), d) and e), is detected 500 times or more continuously. (2 trip detection logic) a) When T/R in other than L4: No No.1 vehicle speed sensor signal in 16 pulses of No.2 vehicle speed sensor signal b) When T/R in L4: No No.1 vehicle speed sensor signal in 40 pulses of No.2 vehicle speed sensor signal c) Vehicle speed: 9 km/h (5.6 mph) or more for at least 4 secs d) Park/neutral position switch: OFF (Other than P or N position) e) T/R: Other than N position
P0750	Shift Solenoid A Malfunction (Shift Solenoid Valve No.1)	During normal driving the gear required by the ECM does not match the actual gear. (2 trip detection logic)
P0753	Shift Solenoid A Electrical Malfunction (Shift Solenoid Valve No.1)	The ECM checks for an open or short circuit in the shift solenoid valves No.1 and No.2 circuit when it changes. The ECM records DTC P0753 if condition a) or b) is detected once, but it does not blink the O/D OFF indicator light. After ECM detects condition a) or b) continuously 8 times or more in one-trip, it causes the O/D OFF indicator light to blink until condition a) or b) disappears. After that, if the ECM detects condition a) or b) once, it starts blinking the O/D OFF indicator light again. a) Solenoid resistance is 8 Ω or less short circuit when solenoid is energized 8 times or more continuously b) Solenoid resistance is 100 k Ω or more open circuit when solenoid is energized 8 times or more continuously
P0755	Shift Solenoid B Malfunction (Shift Solenoid Valve No.2)	Same as for DTC No. P0750

– ... MIL does not light up, O/D OFF indicator light blinks

● ... MIL lights up, O/D OFF indicator light blinks

Trouble Area	MIL*	Memory	See page
• Harness or connector between ATF temperature sensor and ECM • ATF temperature sensor • ECM	–	O	AT-68
• No.1 vehicle speed sensor • Combination meter • Harness or connector between No.1 vehicle speed sensor and ECM • ECM	–	O	AT-70
• Shift solenoid valve No.1 is stuck open or closed. • Valve body is blocked up or stuck	●	O	AT-72
• Open or short in shift solenoid valve No.1 circuit. • Shift solenoid valve No.1 • ECM	●	O	AT-73
• Shift solenoid valve No.2 is stuck open or closed. • Valve body is blocked up or stuck.	●	O	AT-72

DTC No.	Detection Item	DTC Detecting Condition
P0758	Shift Solenoid B Electrical Malfunction (Shift Solenoid Valve No.2)	The ECM checks for an open or short circuit in the shift solenoid valves No.1 and No.2 circuit when it changes. The ECM records DTC P0758 if condition a) or b) is detected once, but it does not blink the O/D OFF indicator light. After ECM detects condition a) or b) continuously 8 times or more in one-trip, it causes the O/D OFF indicator light to blink until condition a) or b) disappears. After that, if the ECM detects condition a) or b) once, it starts blinking the O/D OFF indicator light again. a) Solenoid resistance is 8 Ω or less short circuit when solenoid is energized 8 times or more continuously b) Solenoid resistance is 100 kΩ or more open circuit when solenoid is energized 8 times or more continuously
P0770	Shift Solenoid E Malfunction (Shift Solenoid Valve SL)	Lock-up does not occur when driving in the lock-up Range (normal driving at 80 km/h (50 mph)), or lock-up Remains ON in the lock-up OFF range. (2 trip detection logic)
P0773	Shift Solenoid E Electrical Malfunction (Shift Solenoid Valve SL)	Open or short in shift solenoid valve SL circuit for 1 time. (2 trip detection logic)
P1700	Speed Sensor No.2 (No.2 Vehicle Speed Sensor) Circuit Malfunction (for Electronically Controlled Transmission)	All conditions below are detected 500 times or more Continuously. (2 trip detection logic) a) No No.2 vehicle speed sensor signal in 4 pulses of No. 1 vehicle speed sensor signal b) Vehicle speed: 9 km/h (5.6 mph) or more for at least 4 secs c) Park/neutral position switch: OFF (Other than P or N position) d) T/R: Other than N position
P1780	Park/Neutral Position Switch Malfunction	2 or more switches are ON simultaneously for "N", "2" and "L" positions. (2 trip detection logic) When driving under condition a) and b) for 30 seconds or more with the park/neutral position switch ON (N position). (2 trip detection logic) a) Vehicle speed: (70 km/h) 44 mph or more b) Engine speed: 1,500–2,500 rpm

Trouble Area	MIL*	Memory	See page
• Open or short in shift solenoid valve No.2 circuit. • Shift solenoid valve No.2 • ECM	●	O	AT-73
• Shift solenoid valve SL is stuck open or closed. • Valve body is blocked up or stuck. • Lock-up clutch	●	O	AT-76
• Open or short in shift solenoid valve SL circuit. • Shift solenoid valve SL • ECM	●	O	AT-77
• No.2 vehicle speed sensor • Harness or connector between No.2 vehicle speed sensor and ECM • ECM	●	O	AT-79
• Short in park/neutral position switch circuit. • Park/neutral position switch • ECM	●	O	AT-82