

## DIAGNOSTIC TROUBLE CODE CHART

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

HINT:

- \*1: "Comes on" means that the MIL illuminates.
- \*2: "DTC stored" means that the ECM memorizes the malfunction code if the DTC detection condition(s) are met.
- These DTCs may be output when the clutch, brake and gear components, etc., inside the automatic transmission are damaged.

### AUTOMATIC TRANSMISSION SYSTEM

DTC No.	Detection Item	Trouble Areas	MIL *1	Memory *2	See page
P0705	Transmission Range Sensor Circuit Malfunction (PRNDL Input)	- Open or short in park/neutral position switch circuit - Park/neutral position switch - ECM	Comes on	DTC stored	<a href="#">AT-45</a>
P0710	Transmission Fluid Temperature Sensor "A" Circuit	- Open or short in No. 1 ATF temperature sensor circuit - Transmission wire (No. 1 ATF temperature sensor) - ECM	Comes on	DTC stored	<a href="#">AT-51</a>
P0711	Transmission Fluid Temperature Sensor "A" Performance	- Transmission wire (No. 1 ATF temperature sensor) - ECM	Comes on	DTC stored	<a href="#">AT-56</a>
P0712	Transmission Fluid Temperature Sensor "A" Circuit Low Input	- Short in No. 1 ATF temperature sensor circuit - Transmission wire (No. 1 ATF temperature sensor) - ECM	Comes on	DTC stored	<a href="#">AT-51</a>
P0713	Transmission Fluid Temperature Sensor "A" Circuit High Input	- Open in No. 1 ATF temperature sensor circuit - Transmission wire (No. 1 ATF temperature sensor) - ECM	Comes on	DTC stored	<a href="#">AT-51</a>
P0717	Input Speed Sensor Circuit No Signal	- Open or short in speed sensor (NT) circuit - Speed sensor (NT) - ECM	Comes on	DTC stored	<a href="#">AT-59</a>
P0722	Output Speed Sensor Circuit No Signal	- Open or short in speed sensor (SP2) circuit - Speed sensor (SP2) - ECM	Comes on	DTC stored	<a href="#">AT-64</a>
P0748	Pressure Control Solenoid "A" Electrical (Shift Solenoid Valve SL1)	- Open or short in shift solenoid valve SL1 circuit - Shift solenoid valve SL1 - ECM	Comes on	DTC stored	<a href="#">AT-69</a>

DTC No.	Detection Item	Trouble Areas	MIL *1	Memory *2	See page
P0751	Shift Solenoid "A" Performance (Shift Solenoid Valve S1)	<ul style="list-style-type: none"> <li>- Shift solenoid valve S1 remains open or closed</li> <li>- Shift solenoid valve SLT remains open or closed</li> <li>- Valve body is blocked</li> <li>- Automatic transmission (clutch, brake or gear, etc.)</li> </ul>	Comes on	DTC stored	<a href="#">AT-72</a>
P0756	Shift Solenoid "B" Performance (Shift Solenoid Valve S2)	<ul style="list-style-type: none"> <li>- Shift solenoid valve S2 remains open or closed</li> <li>- Shift solenoid valve SLT remains open or closed</li> <li>- Valve body is blocked</li> <li>- Automatic transmission (clutch, brake or gear, etc.)</li> </ul>	Comes on	DTC stored	<a href="#">AT-78</a>
P0771	Shift Solenoid "E" Performance (Shift Solenoid Valve SR)	<ul style="list-style-type: none"> <li>- Shift solenoid valve SR remains open or closed</li> <li>- Shift solenoid valve SL1 remains open or closed</li> <li>- Shift solenoid valve SLT remains open or closed</li> <li>- Valve body is blocked</li> <li>- Automatic transmission (clutch, brake or gear, etc.)</li> </ul>	Comes on	DTC stored	<a href="#">AT-84</a>
P0776	Pressure Control Solenoid "B" Performance (Shift Solenoid Valve SL2)	<ul style="list-style-type: none"> <li>- Shift solenoid valve SL2 remains open</li> <li>- Shift solenoid valve SLT remains open or closed</li> <li>- Valve body is blocked</li> <li>- Automatic transmission (clutch, brake or gear, etc.)</li> </ul>	Comes on	DTC stored	<a href="#">AT-89</a>
P0778	Pressure Control Solenoid "B" Electrical (Shift Solenoid Valve SL2)	<ul style="list-style-type: none"> <li>- Open or short in shift solenoid valve SL2 circuit</li> <li>- Shift solenoid valve SL2</li> <li>- ECM</li> </ul>	Comes on	DTC stored	<a href="#">AT-94</a>
P0781	1-2 Shift (1-2 Shift Valve)	<ul style="list-style-type: none"> <li>- Valve body is blocked up or stuck (1-2 shift valve)</li> <li>- Shift solenoid valve SLT remains open or closed</li> <li>- Automatic transmission (clutch, brake or gear, etc.)</li> </ul>	Comes on	DTC stored	<a href="#">AT-98</a>

DTC No.	Detection Item	Trouble Areas	MIL *1	Memory *2	See page
P0818	Driveline Disconnect Switch Input Circuit	- Short in No. 2 transfer indicator switch (Transfer neutral position switch) circuit - No. 2 transfer indicator switch - Combination meter - ECM	Comes on	DTC stored	<a href="#">AT-103</a>
P0973	Shift Solenoid "A" Control Circuit Low (Shift Solenoid Valve S1)	- Short in shift solenoid valve S1 circuit - Shift solenoid valve S1 - ECM	Comes on	DTC stored	<a href="#">AT-107</a>
P0974	Shift Solenoid "A" Control Circuit High (Shift Solenoid Valve S1)	- Open in shift solenoid valve S1 circuit - Shift solenoid valve S1 - ECM	Comes on	DTC stored	<a href="#">AT-107</a>
P0976	Shift Solenoid "B" Control Circuit Low (Shift Solenoid Valve S2)	- Short in shift solenoid valve S2 circuit - Shift solenoid valve S2 - ECM	Comes on	DTC stored	<a href="#">AT-111</a>
P0977	Shift Solenoid "B" Control Circuit High (Shift Solenoid Valve S2)	- Open in shift solenoid valve S2 circuit - Shift solenoid valve S2 - ECM	Comes on	DTC stored	<a href="#">AT-111</a>
P0985	Shift Solenoid "E" Control Circuit Low (Shift Solenoid Valve SR)	- Short in shift solenoid valve SR circuit - Shift solenoid valve SR - ECM	Comes on	DTC stored	<a href="#">AT-115</a>
P0986	Shift Solenoid "E" Control Circuit High (Shift Solenoid Valve SR)	- Open in shift solenoid valve SR circuit - Shift solenoid valve SR - ECM	Comes on	DTC stored	<a href="#">AT-115</a>
P2714	Pressure Control Solenoid "D" Performance (Shift Solenoid Valve SLT)	- Shift solenoid valve SLT remains open or closed - Shift solenoid valve S1, S2, SR, SL1 or SL2 remains open or closed - Valve body is blocked - Automatic transmission (clutch, brake or gear, etc.)	Comes on	DTC stored	<a href="#">AT-119</a>
P2716	Pressure Control Solenoid "D" Electrical (Shift Solenoid Valve SLT)	- Open or short in shift solenoid valve SLT circuit - Shift solenoid valve SLT - ECM	Comes on	DTC stored	<a href="#">AT-126</a>

DTC No.	Detection Item	Trouble Areas	MIL *1	Memory *2	See page
P2740	Transmission Fluid Temperature Sensor "B" Circuit	- Open or short in No. 2 ATF temperature sensor circuit - No. 2 ATF temperature sensor - ECM	Comes on	DTC stored	<a href="#">AT-130</a>
P2742	Transmission Fluid Temperature Sensor "B" Circuit Low Input	- Short in No. 2 ATF temperature sensor circuit - No. 2 ATF temperature sensor - ECM	Comes on	DTC stored	<a href="#">AT-130</a>
P2743	Transmission Fluid Temperature Sensor "B" Circuit High Input	- Open in No. 2 ATF temperature sensor circuit - No. 2 ATF temperature sensor - ECM	Comes on	DTC stored	<a href="#">AT-130</a>
P2757	Torque Converter Clutch Pressure Control Solenoid Performance (Shift Solenoid Valve SLU)	- Shift solenoid valve SLU remains open or closed - Valve body is blocked - Shift solenoid valve SLU - Torque converter clutch - Automatic transmission (clutch, brake or gear, etc.) - Line pressure is too low	Comes on	DTC stored	<a href="#">AT-135</a>
P2759	Torque Converter Clutch Pressure Control Solenoid Control Circuit Electrical (Shift Solenoid Valve SLU)	- Open or short in shift solenoid valve SLU circuit - Shift solenoid valve SLU - ECM	Comes on	DTC stored	<a href="#">AT-140</a>
P2772	Transfer "L4" Switch Circuit	- Short in No. 1 transfer indicator switch (Transfer L4 position switch) circuit - No. 1 transfer indicator switch - ECM	Comes on	DTC stored	<a href="#">AT-144</a>