DTC P2714 PRESSURE CONTROL SOLENOID ' PERFORMANCE (SHIFT SOLENOID SLT)	"D") VALVE



SYSTEM DESCRIPTION

The ECM calculates the shifting condition by using the signals from the vehicle speed sensor, throttle position sensor, etc.. And compares this result with the signal that ECM sends to SLT to detect mechanical trouble of the shift solenoid valve SLT, valve body, torque converter clutch and automatic transmission assembly (clutch, brake or gear etc.).

DTC No.	DTC Detecting Condition	Trouble Area
P2714	ECM detects a malfunction on SLT (ON side) according to the revolution difference of the turbine and the output shaft, and also by the oil pressure.	 Shift solenoid valve SLT is stuck open or closed Valve body blocked up or stuck Automatic transmission assembly

INSPECTION PROCEDURE

1 **INSPECT SHIFT SOLENOID VALVE(SLT)** Remove the shift solenoid valve SLT. (a) Measure the resistance between terminals. (b) OK: Resistance: 5.0 to 5.6 Ω at 20°C (68°F) Connect the positive (+) lead with a 21 W bulb to terminal (c) 2 and the negative (-) lead to terminal 1 of the solenoid valve connector, then check the movement of the valve. OK: The solenoid makes an operating noise. G20767 **REPLACE SHIFT SOLENOID VALVE (SLT)** NG (See page 40-24)

2 INSPECT TRANSMISSION VALVE BODY ASSY (See page 05–485)



REPAIR OR REPLACE TRANSMISSION VALVE BODY ASSY (See page 40–6)

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REPAIR OR REPLACE AUTOMATIC TRANSMISSION ASSY (See page 40-6)