DTC	P0751	SHIFT SOLENOID "A" PERFORMANCE (SHIFT SOLENOID VALVE S1)

DTC	P0756	SHIFT SOLENOID "B" PERFORMANCE (SHIFT SOLENOID VALVE S2)

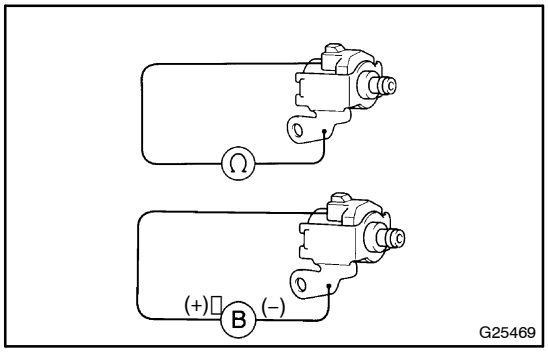
SYSTEM DESCRIPTION

The ECM uses signals from the vehicle speed sensor and direct clutch speed sensor to detect the actual gear position (1st, 2nd, 3rd or O/D gear). Then the ECM compares the actual gear with the shift schedule in the ECM memory to detect mechanical troubles of the shift solenoid valves, valve body or automatic transaxle (clutch, brake or gear etc.).

DTC No.	DTC Detecting Condition	Trouble Area
P0751	The gear required by the ECM does not match the actual gear when driving (2–trip detection logic)	• Shift solenoid valve S1 is stuck open or closed • Valve body is blocked up or stuck • Automatic transmission (clutch, brake or gear etc.)
P0756		• Shift solenoid valve S2 is stuck open or closed • Valve body is blocked up or stuck • Automatic transmission (clutch, brake or gear etc.)

INSPECTION PROCEDURE

1	INSPECT SHIFT SOLENOID VALVE(S1/S2)



(a) Remove the shift solenoid valve S1 or S2.
(b) Measure the resistance between the solenoid connector and the solenoid body.
OK:
Resistance: 11 – 15 Ω at 20°C (68°F)
(c) Connect positive (+) lead to the terminal of solenoid connector, negative (–) lead to the solenoid body.
OK:
The solenoid makes an operating noise.

NG → **REPLACE SHIFT SOLENOID VALVE(S1/S2) (See page 40–20)**

OK

2	INSPECT TRANSMISSION VALVE BODY ASSY(See chapter 2 in the problem symptoms table)(See page 05–299)

NG → **REPAIR OR REPLACE TRANSMISSION VALVE BODY ASSY(See page 40–20)**

OK

REPAIR OR REPLACE AUTOMATIC TRANSMISSION ASSY(See page 40–3)