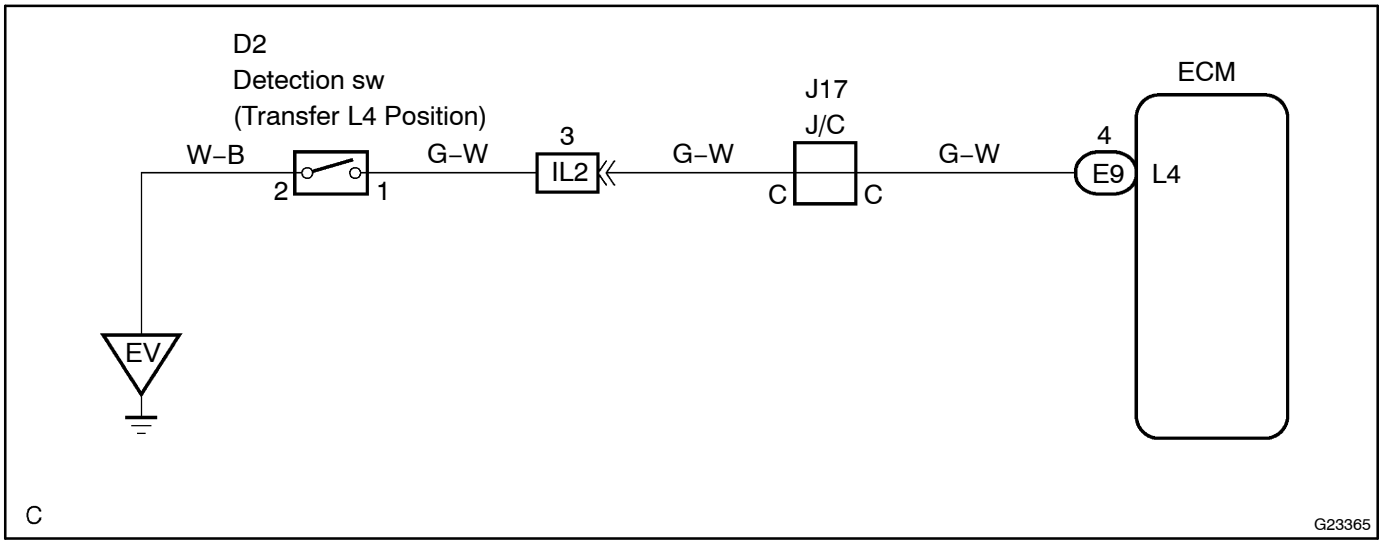
DTC	P1782	T/F L4 RANGE POSITION SWITCH PERFORMANCE

CIRCUIT DESCRIPTION

The ECM detects the signal from the transfer L4 position switch.
This DTC indicates that the transfer L4 position switch remains ON.

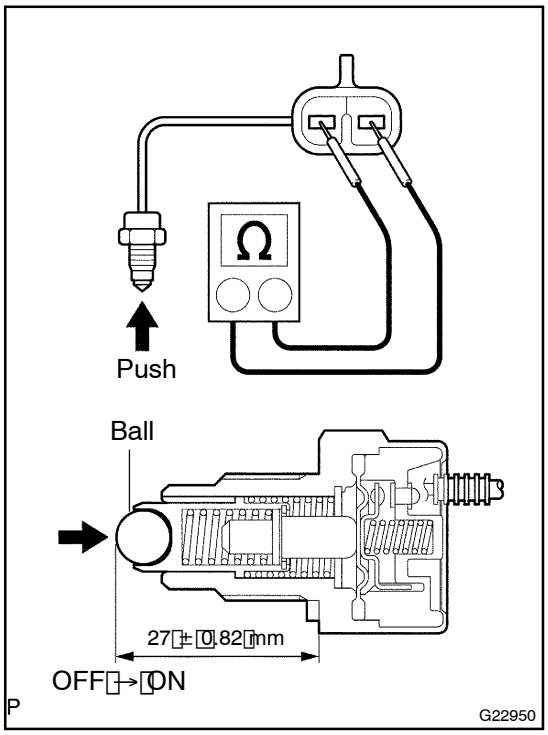
DTC No.	DTC Detecting Condition	Trouble Area
P1782	Transfer L4 position switch remains ON while vehicle running under conditions for 18 seconds or more (1–trip detection logic) (a) Output shaft speed 3000 rpm or less (b) Transfer shift position is H	• Short in transfer L4 position switch circuit • Four wheel drive control ECU • ECM

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT TRANSFER INDICATOR SWITCH NO.1 (L4 POSITION SWITCH)



(a) Remove the transfer indicator switch No.1.
(b) Check the continuity between the switch terminals when pushing the ball at the tip of the switch.

OK:

Switch	Specified condition
Push	Continuity
Free	No continuity

NG → **REPLACE TRANSFER INDICATOR SWITCH NO.1 (L4 POSITION SWITCH)**

OK

2	CHECK HARNESS AND CONNECTOR (TRANSFER INDICATOR SWITCH – ECM) (See page 01-35)

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

CHECK AND REPLACE ECM (See page 01-35)