

DTC	P1782	T/F L4 Range position Switch Performance
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CIRCUIT DESCRIPTION

The Engine and ECT ECU 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 range is H	• Short in transfer L4 position switch circuit • Transfer L4 position switch • Engine and ECT ECU

D2
Detection SW
(Transfer L position)

J/B No. 6

Engine and ECT ECU

11 EB1 R-L 2 1 B-L 3 EB1 B-L 31 6D 15 6C B-L 4 E10 L4

R-L 14 IN6 R-L 6 Ib5 R-L 3 3E GAUGE2 IG1 No. 3 Relay 1 3C 39 3Q 2 1

B-G SB

Cowl Side J/B LH

77 2Q 37 2E L-B 4 IG1 Ignition SW AM1 2 B-R 1 2C 39 2E

FL Block

B-G 1 F38 J/B No. 2 J/B No. 3 ALT B-G 1 F39

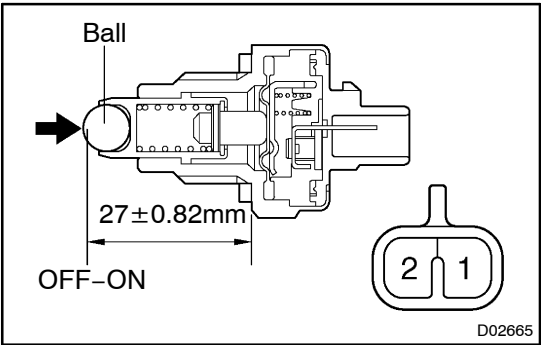
Battery

II

INSPECTION PROCEDURE

1

Check transfer L4 position switch.



PREPARATION:
Remove the transfer L4 position switch.

CHECK:
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

OK

NG

Replace transfer L4 position switch.

2

Check harness and connector between battery and transfer L4 position switch, transfer L4 position switch and Engine and ECT ECU (See page IN-38).

NG

Repair or replace the harness or connector.

OK

Check and replace the Engine and ECT ECU (See page IN-38).