

DTC	P1782	T/F L4 Range Position Switch Performance
------------	--------------	---

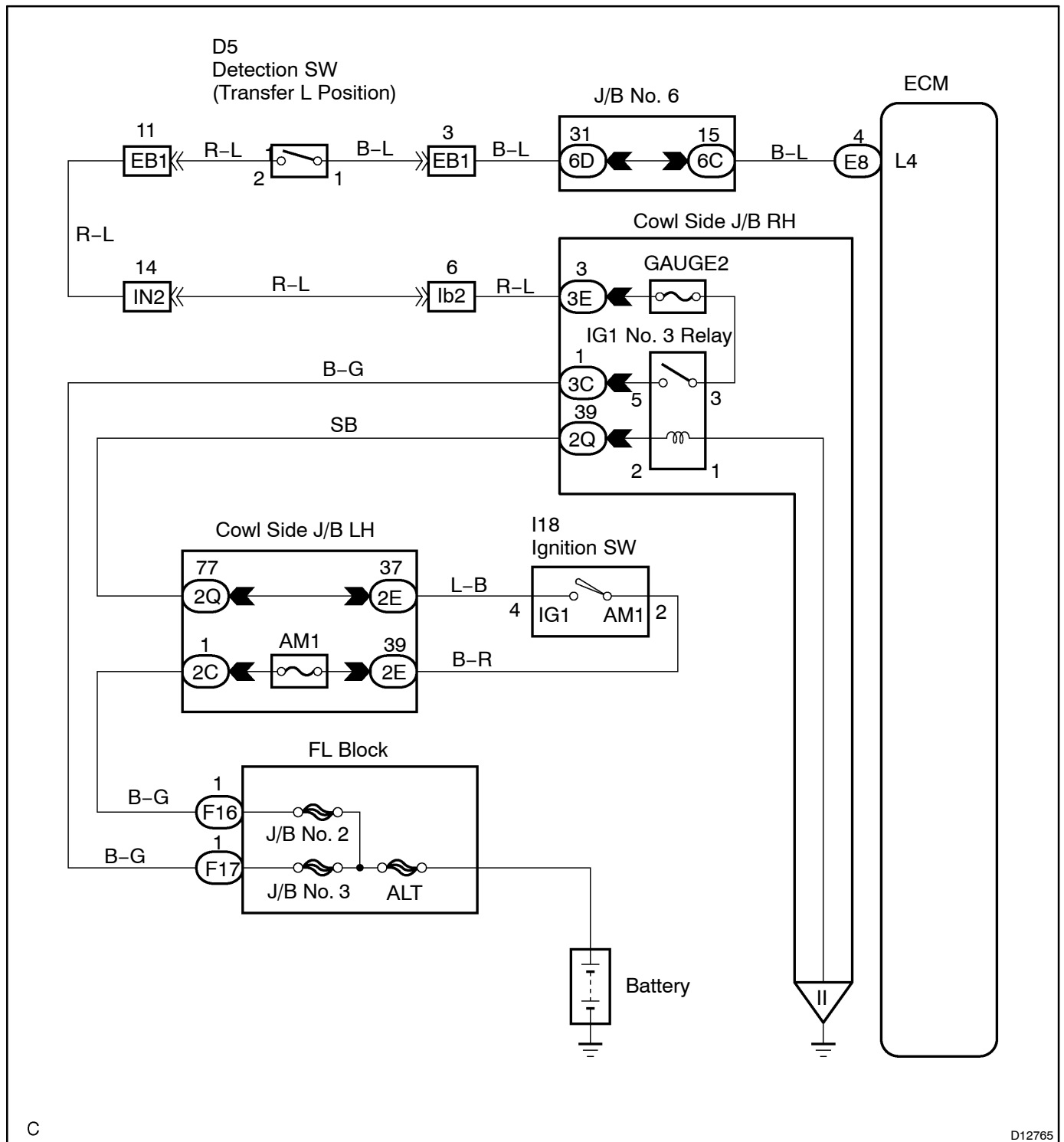
CIRCUIT DESCRIPTION

The ECM detects the signal from the transfer L4 position switch.

This DTC indicates that the transfer L4 position switch remains ON.

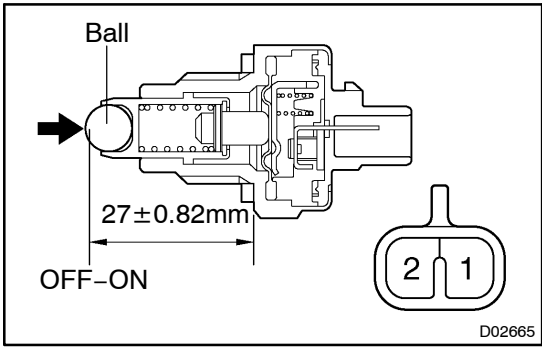
DTC No.	DTC Detecting Condition	Trouble Area
P1782	Transfer L4 position switch remains ON while vehicle running under conditions for 18 seconds or more (1-trip detection logic) (a) Output shaft speed 3000 rpm or less (b) Transfer shift position is H	• Short in transfer L4 position switch circuit • Transfer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

WIRING DIAGRAM



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

NG	Replace transfer L4 position switch.
----	--------------------------------------

OK

2	Check harness and connector between battery and transfer L4 position switch, transfer L4 position switch and ECM (See page IN-36).
---	---

NG	Repair or replace the harness or connector.
----	---

OK

Check and replace the ECM (See page [IN-36](#)).