

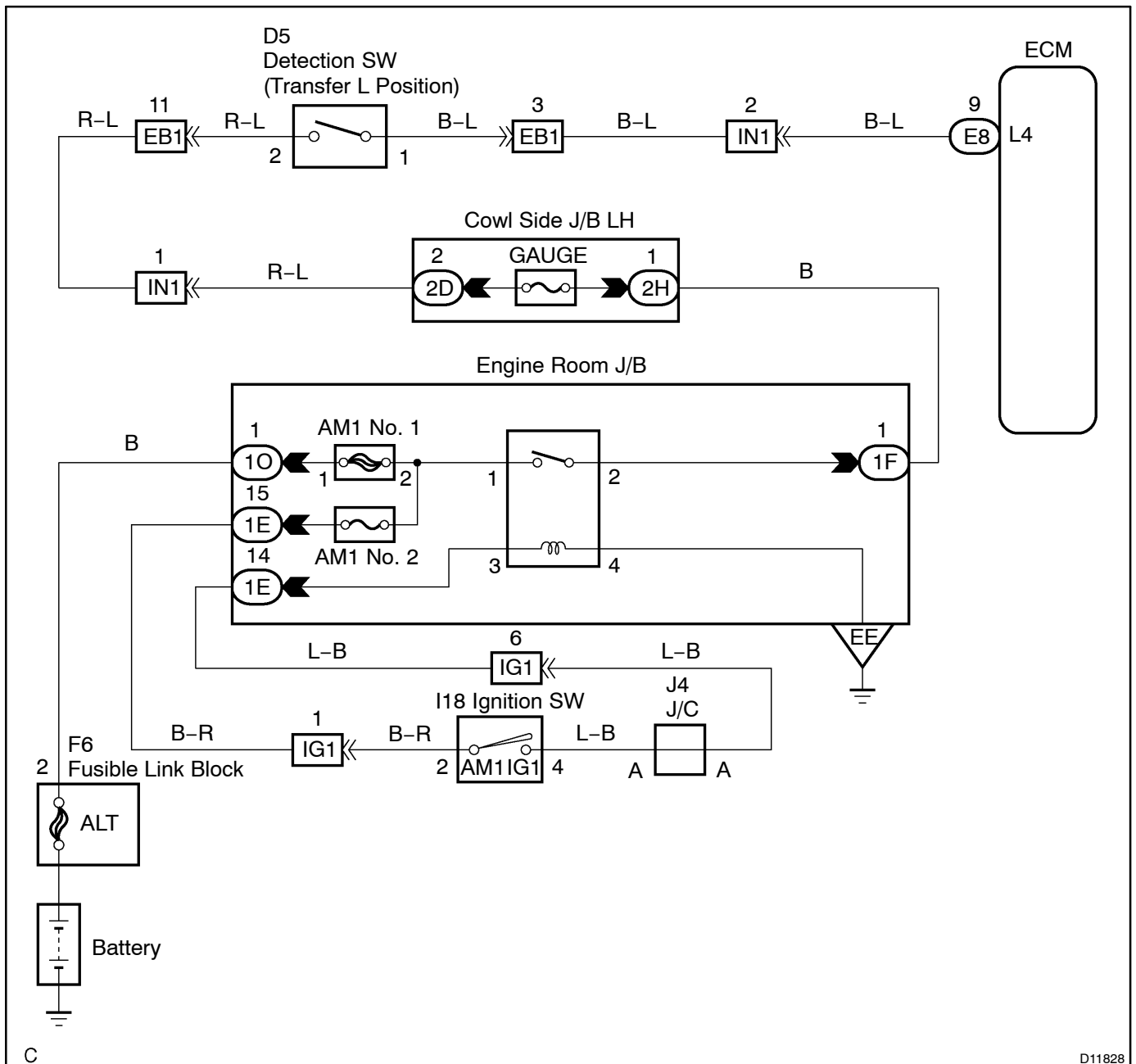
DTC	P1782	Transfer L4 Switch Malfunction
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CIRCUIT DESCRIPTION

The ECM receive signal L4 from the indicator switch (LOW switch).

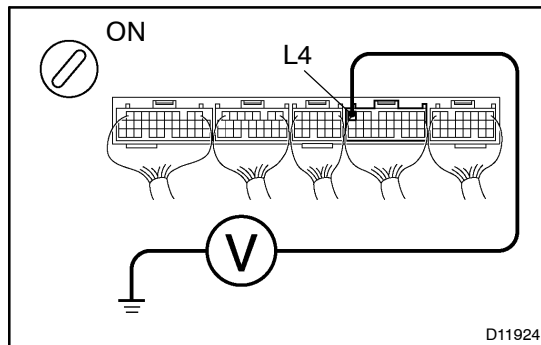
DTC No.	DTC Detecting Condition	Trouble Area
P1782	When driving under conditions (a) and (b) for 18 seconds or more, the indicator switch (LOW switch) is ON . (1-trip detection logic) (a) Output shaft speed 3000 rpm or less (b) Transfer shift position is H	• Short in indicator switch (LOW switch) signal circuit • Indicator switch (LOW switch) • ECM

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Inspect terminal voltage

**PREPARATION:**

Turn the ignition switch ON.

CHECK:

Measure voltage between terminal L4 of ECM and body ground when transfer shifter is shifted to the following position.

OK:

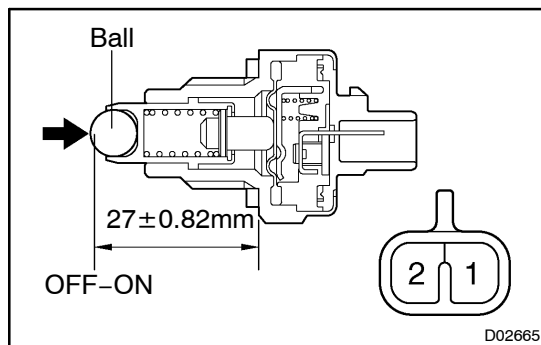
Transfer shift position	Voltage (V)
L	9 – 14
Except L	Below 1.5

OK

Proceed to next circuit inspection shown on problem symptom table (See page [DI-172](#)).

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2 Check indicator switch (LOW switch).

**PREPARATION:**

Remove the indicator switch (LOW switch) (See page [TR-8](#)).

CHECK:

Check that continuity exists between terminals 1 and 2 when pushing the ball at the tip of the switch.

OK:

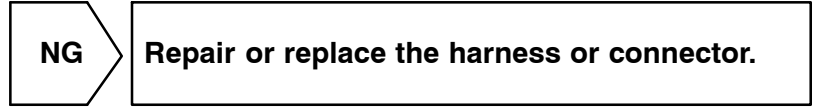
Switch position	Specified condition
Push	Continuity
Free	No continuity

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Replace the indicator switch (LOW switch)

OK

3	Check harness and connector (See page IN-34).
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Check and replace the ECM
(See page [IN-34](#)).