DIAYR–01

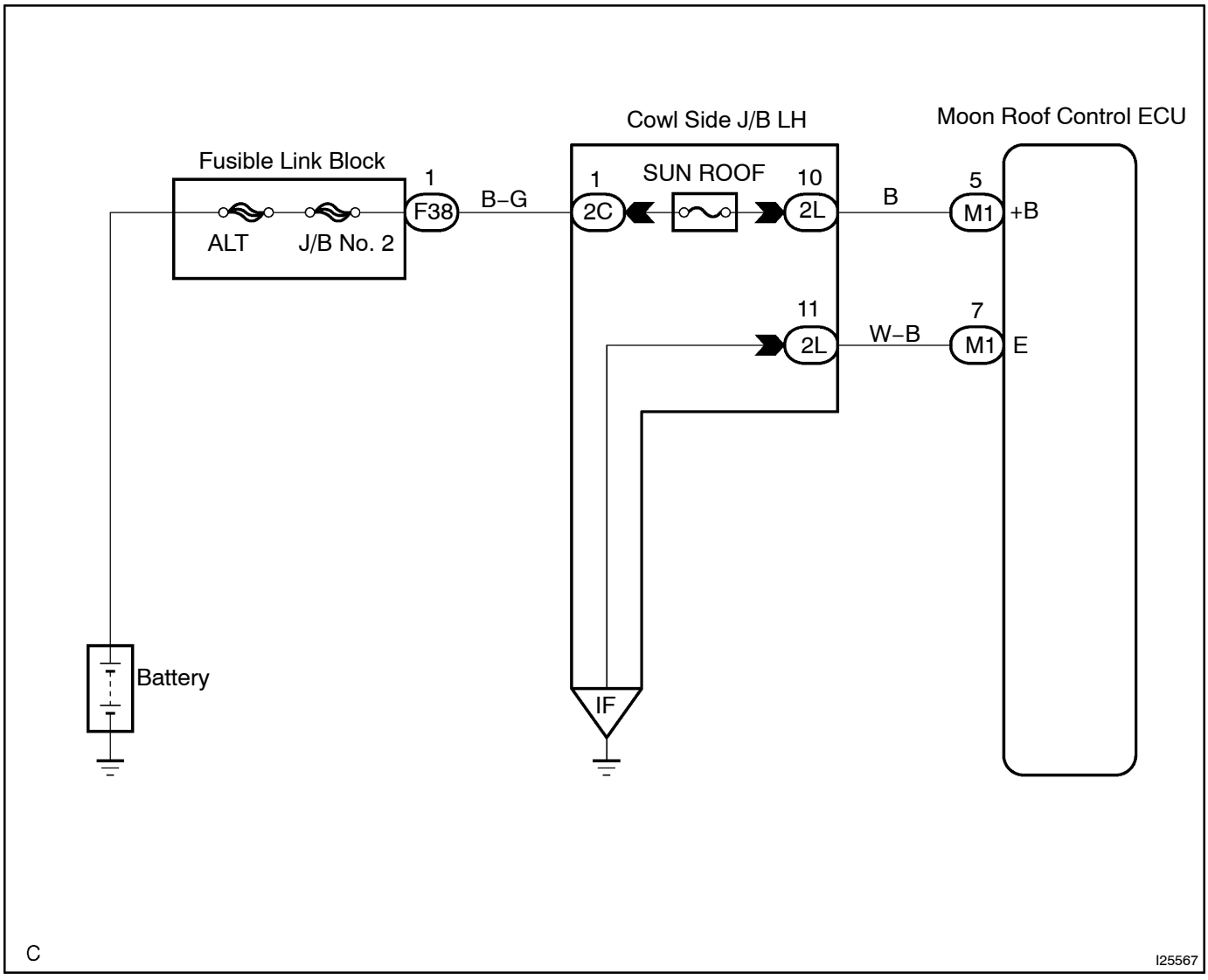
CIRCUIT INSPECTION

Power Source Circuit

CIRCUIT DESCRIPTION

This is power source for ECU and Sliding Roof Gear.

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:
In case of using the hand–held tester, start the inspection from step 1 and in case of not using the hand–held tester, start from step 2.

1	**Perform active test.**

PREPARATION:
Connect the hand–held tester to the DLC3.
CHECK:
(a) Enter into ACTIVE TEST function of hand–held tester.
(b) Check that "Slide roof motor" operates as the hand–held tester directs.
NOTICE:
Caution is necessary not to be caught in the roof glass because the jam protection system does not operate during conducting ACTIVE TEST.
HINT:
With one ACTIVE direction, the sliding roof can be slid and tilted continuously.
OK:
The slide roof operates normally.

OK → **Proceed to next circuit inspection shown in problem symptoms table (See page DI–967).**

NG

2	**Check SUN ROOF fuse.**

CHECK:
Check continuity of SUN ROOF fuse.
OK:
Continuity

NG → **Replace the failure fuse.**

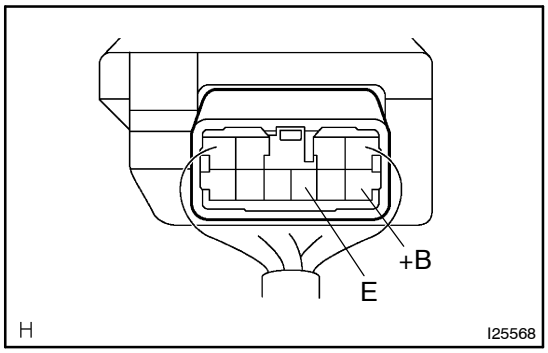
OK

3	Check harness and connector between terminal E of sliding roof gear assembly with ECU and body ground (See page IN–38).

NG → Repair or replace wire harness or connector.

OK

4	Check voltage between terminals +B and E of sliding roof gear assembly with ECU connector.



PREPARATION:
Turn the ignition switch OFF.
CHECK:
Measure voltage between terminals +B and GND of the sliding gear assembly with ECU with connector being connected.
OK:
Voltage: 10 – 14 V

NG → Repair or replace wire harness or connector.

OK

Proceed to next circuit inspection shown on problem symptom table (See page DI–967).