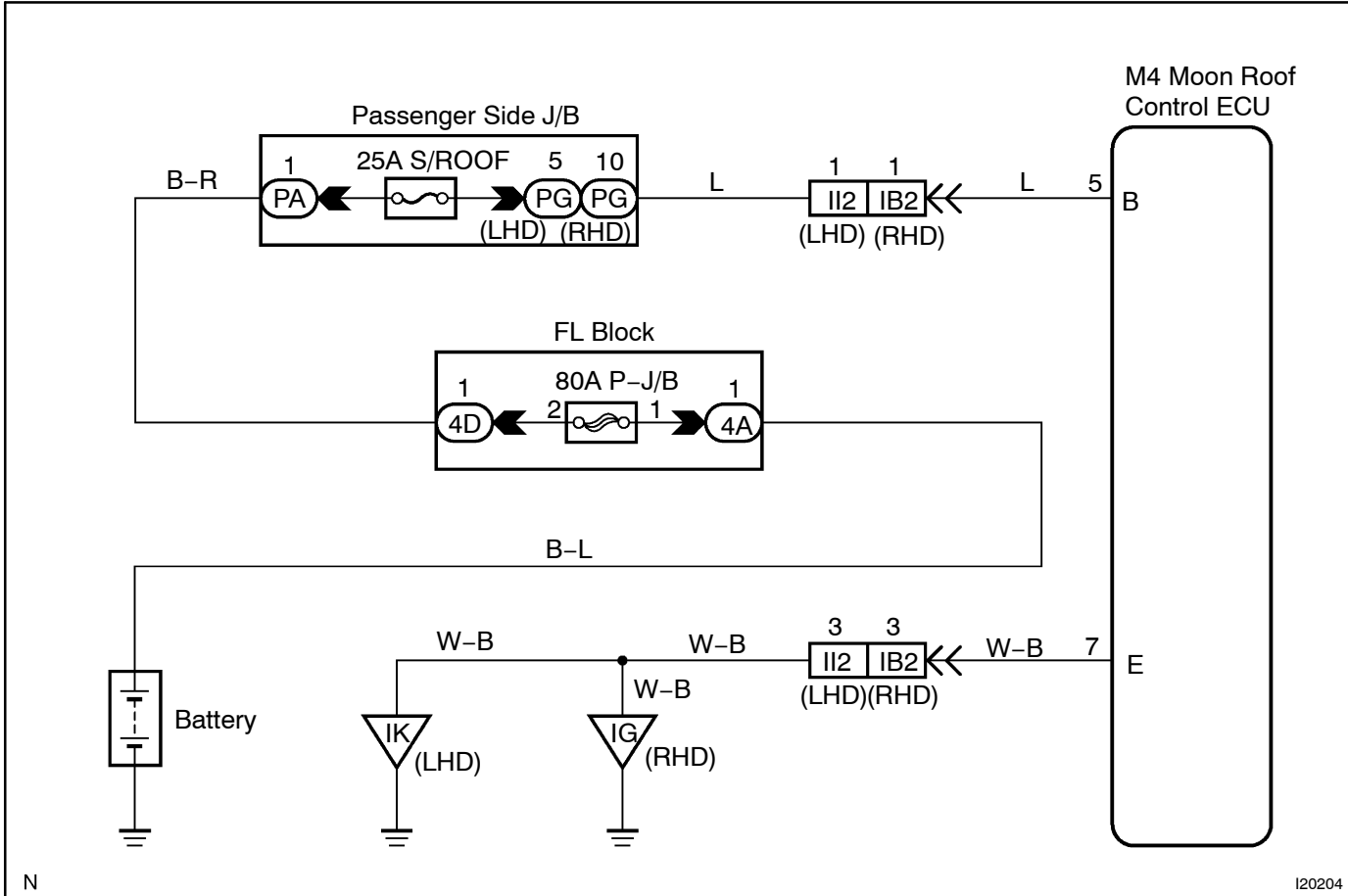


# CIRCUIT INSPECTION

## Sliding Roof Gear Assembly with ECU Power Source Circuit

### WIRING DIAGRAM



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I20204

## INSPECTION PROCEDURE

HINT:

If there is not the LEXUS hand-held tester, replace the sliding roof drive gear assembly.

### 1 Perform active test.

#### PREPARATION:

Connect the LEXUS hand-held tester to the DLC3.

#### CHECK:

- (a) Enter into ACTIVE TEST function of LEXUS hand-held tester.
- (b) Check that "Slide roof motor" operates as the LEXUS 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-993).

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### 2 Check P-J/B, S/ROOF fuse and P-IG relay.

#### CHECK:

- (a) Check continuity of P-J/B and S/ROOF fuse.
- (b) Check P-IG relay

#### OK:

Continuity

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Replace the failure fuse or relay.

OK

<b>3</b>	<b>Check voltage between terminals P-IG1, S/ROOF and GND of sliding roof ECU connector.</b>
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**PREPARATION:**

Turn the ignition switch ON.

**CHECK:**

Measure voltage between terminals P-IG1, and GND.

**OK:**

**Voltage: 10 – 14V**

**PREPARATION:**

(a) Turn the ignition switch OFF.

(b) Disconnect the sliding roof ECU connector.

**CHECK:**

Measure voltage between terminal B and GND.

**OK:**

**Voltage: 10 – 14V**

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Replace sliding roof drive gear assembly (See page [BO-121](#)).

OK

<b>4</b>	<b>Check harness and connector between sliding roof ECU and body ground.</b>
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Repair or replace harness or connector.

OK

Proceed to next circuit inspection show on problem symptom table (See page [DI-993](#)).