DI1RQ–07

Sliding Roof Control Switch Circuit

WIRING DIAGRAM

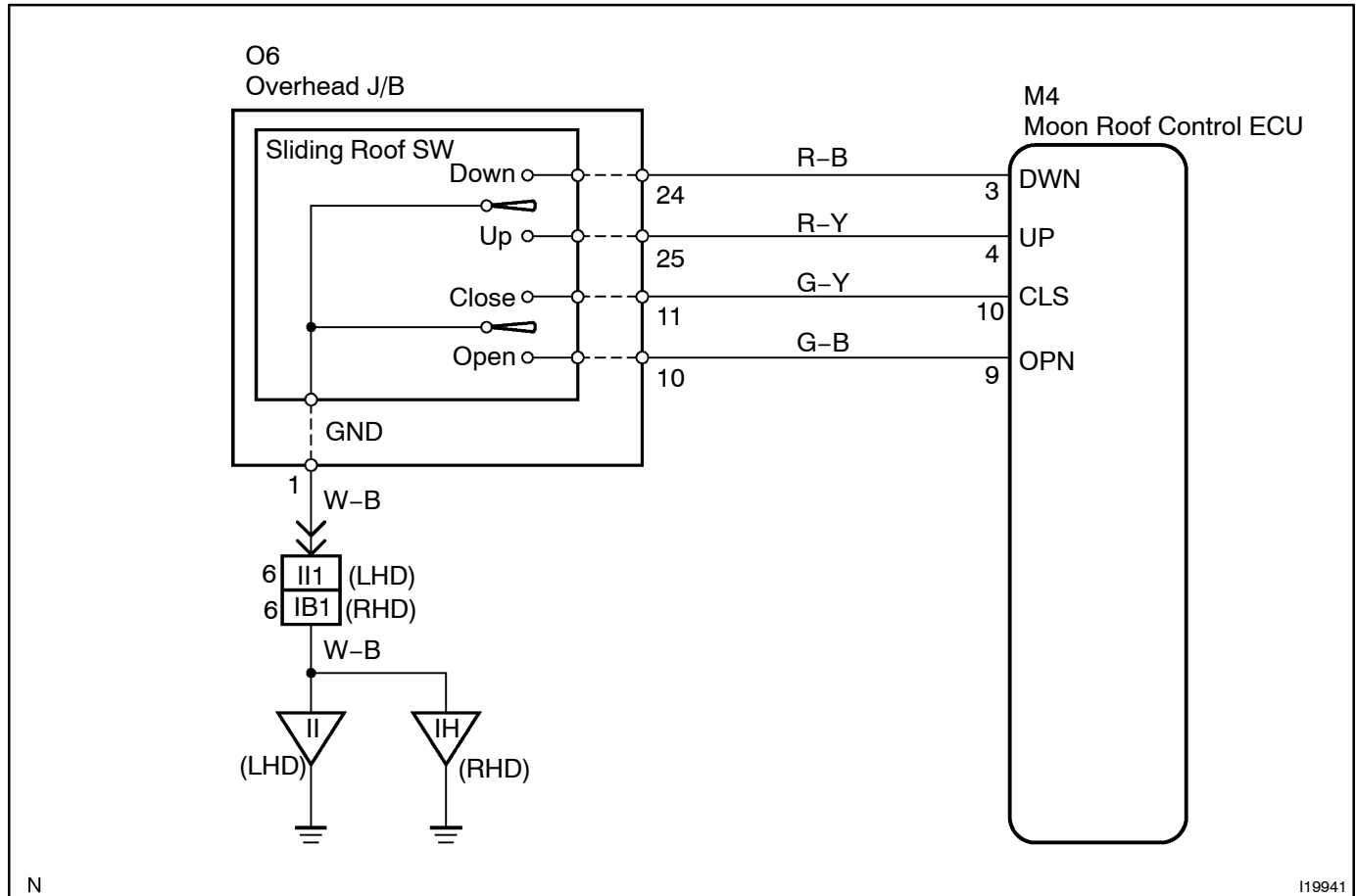N   I19941

INSPECTION PROCEDURE

HINT:
If there is not the LEXUS hand–held tester, begin with STEP 2.

1	Check sliding roof control switch operation.

PREPARATION:
Connect the LEXUS hand–held tester to the DLC3.
CHECK:
(a)   Enter DATA LIST function of LEXUS hand–held tester.
(b)   Check that switch status (ON/OFF) changes on the screen of LEXUS hand–held tester as the sliding roof control switch of the vehicle is turned.
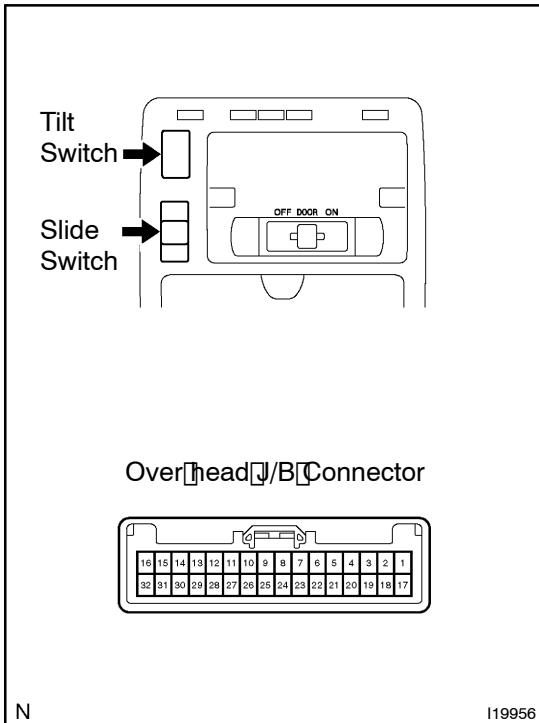**OK:**
The motor operates normally.

| NG | Replace sliding roof gear assembly (**See page BO−121**). |

OK

| 2 | Check sliding roof control switch. |

PREPARATION:
(a) Remove the overhead J/B assembly.
(b) Disconnect the overhead J/B assembly connector.

CHECK:
Check continuity between terminals when the switch is operated.

OK:

Switch position	Tester connection	Specified condition
SLIDE OPEN	1 – 10	Continuity
SLIDE OFF	–	No continuity
SLIDE CLOSE	1 – 11	Continuity
TILT DOWN	1 – 24	Continuity
TILT OFF	–	No continuity
TILT UP	1 – 25	Continuity

Tilt Switch

Slide Switch

OFF DOOR ON

Over head J/B Connector

| 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 |

N   I19956

| NG | Replace overhead J/B assembly. (**See page BO−152**) |

OK

| 3 | Check for open and short in harness and connectors between sliding roof gear assembly and overhead J/B assembly (**See page IN−35**). |

| NG | Repair and replace harness or connector. |

OK

Proceed to next circuit inspection shown on problem symptom table (See page DI–993).