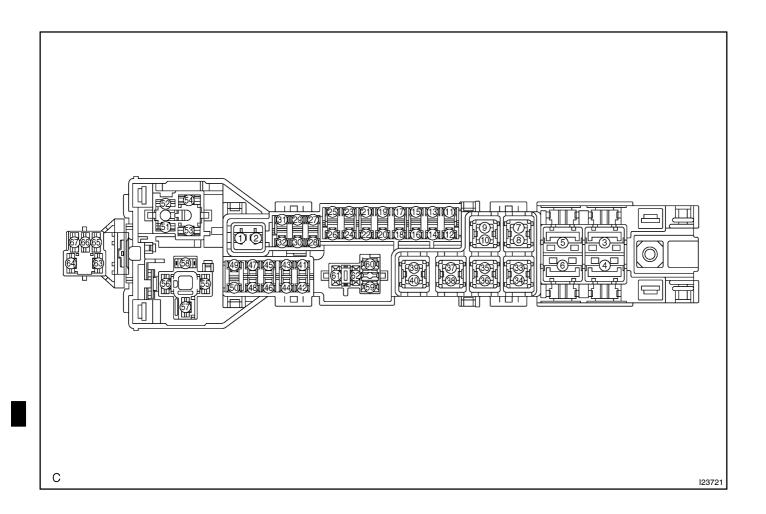
BE2AU-01

#### **INSPECTION**

### 1. INSPECT ENGINE ROOM NO. 1 JUNCTION BLOCK CIRCUIT



# (a) Remove the fuse from the junction block and inspect the connector on junction block side.

| Fuse      | Tester connection | Condition | Specified condition |
|-----------|-------------------|-----------|---------------------|
| MAIN      | 2 – Ground        | Constant  | Battery voltage     |
| ABS NO. 1 | 4 – Ground        | Constant  | Battery voltage     |
| ALT       | 6 – Ground        | Constant  | Battery voltage     |
| ABS       | 8 – Ground        | Constant  | Battery voltage     |
| H-LP CLN  | 10 – Ground       | Constant  | Battery voltage     |
| RAD NO. 1 | 12 – Ground       | Constant  | Battery voltage     |
| ALT-S     | 14 – Ground       | Constant  | Battery voltage     |
| EFI       | 16 – Ground       | Constant  | Battery voltage     |
| TURN HAZ  | 18 – Ground       | Constant  | Battery voltage     |
| TEL       | 20 – Ground       | Constant  | Battery voltage     |
| AM2       | 22 – Ground       | Constant  | Battery voltage     |
| ETCS      | 24 – Ground       | Constant  | Battery voltage     |
| HORN      | 26 – Ground       | Constant  | Battery voltage     |
| D FR DOOR | 28 – Ground       | Constant  | Battery voltage     |

LEXUS GS430/GS300 SUP (RM879E)

|                         |             | 1                         |                 |
|-------------------------|-------------|---------------------------|-----------------|
| P FR DOOR               | 30 – Ground | Constant                  | Battery voltage |
| ECU-B1                  | 32 – Ground | Constant                  | Battery voltage |
| HTR                     | 33 – Ground | Constant                  | Battery voltage |
| FAN MAIN                | 35 – Ground | Constant                  | Battery voltage |
| CDS FAN                 | 37 – Ground | Ignition switch ON        | Battery voltage |
| RDI FAN                 | 39 – Ground | Ignition switch ON        | Battery voltage |
| H-LP R LWR              | 41 – Ground | Light control switch HEAD | Battery voltage |
| H-LP L LWR              | 43 – Ground | Light control switch HEAD | Battery voltage |
| H-LP R UPR (w/o D.R.L.) | 45 – Ground | Light control switch HEAD | Battery voltage |
| DRL NO. 1 (w/ D.R.L.)   | 45 – Ground | Light control switch HEAD | Battery voltage |
| H-LP L UPR (w/o D.R.L.) | 47 – Ground | Light control switch HEAD | Battery voltage |
| DRL NO. 2 (w/ D.R.L.)   | 49 – Ground | Light control switch HEAD | Battery voltage |

If the circuit is not as specified, inspect the circuits connected to other parts.

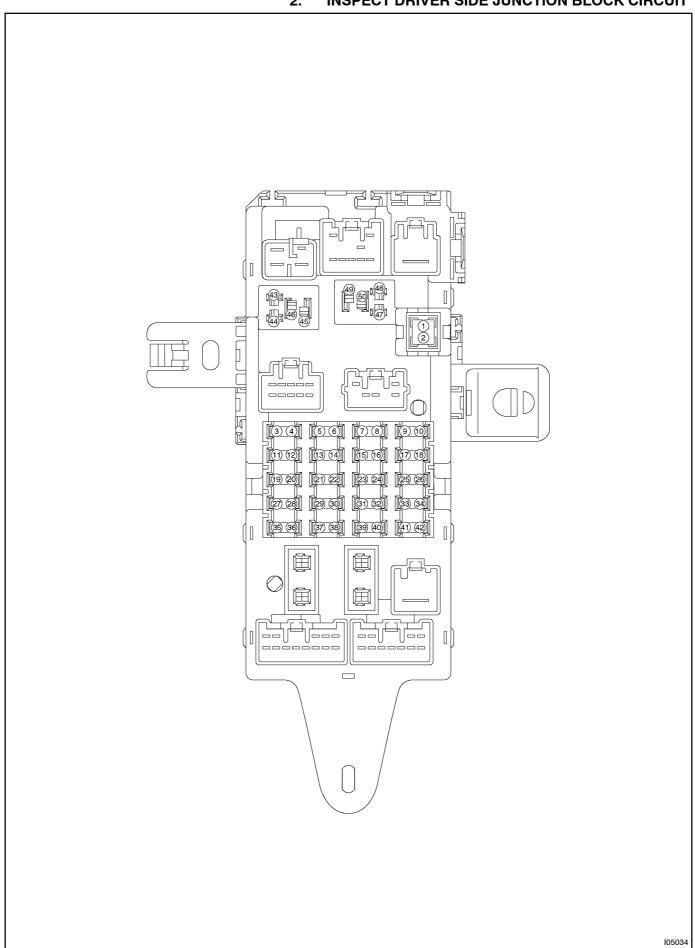
D.R.L.: Daytime running light

## (b) Remove the relay from the junction block and inspect the connector on junction block side.

| Relay    | Tester connection | Condition | Specified condition |
|----------|-------------------|-----------|---------------------|
| H-LP     | 51 – Ground       | Constant  | Battery voltage     |
| H-LP     | 53 – Ground       | Constant  | Battery voltage     |
| ST       | 55 – Ground       | Constant  | Continuity          |
| ST       | 58 – Ground       | Constant  | Battery voltage     |
| EFI MAIN | 60 – Ground       | Constant  | Continuity          |
| EFI MAIN | 62 – Ground       | Constant  | Battery voltage     |
| ENG MAIN | 63 – Ground       | Constant  | Battery voltage     |
| ENG MAIN | 66 – Ground       | Constant  | Continuity          |

If the circuit is not as specified, inspect the circuits connected to other parts.

#### 2. INSPECT DRIVER SIDE JUNCTION BLOCK CIRCUIT



LEXUS GS430/GS300 SUP (RM879E)

(a) Remove the fuse from the junction block and inspect the connector on junction block side.

| Fuse       | Tester connection | Condition                         | Specified condition |
|------------|-------------------|-----------------------------------|---------------------|
| AM1        | 1 – Ground        | Constant                          | Battery voltage     |
| WASHER     | 3 – Ground        | Ignition switch ON                | Battery voltage     |
| FOG        | 5 – Ground        | Constant                          | Battery voltage     |
| TAIL       | 7 – Ground        | Light control switch TAIL or HEAD | Battery voltage     |
| GAUGE      | 11 – Ground       | Ignition switch ON                | Battery voltage     |
| FUEL OPN   | 13 – Ground       | Constant                          | Battery voltage     |
| PANEL      | 17 – Ground       | Light control switch TAIL or HEAD | Battery voltage     |
| HTR        | 19 – Ground       | Ignition switch ON                | Battery voltage     |
| SRS-B      | 21 – Ground       | Constant                          | Battery voltage     |
| P/SEAT (D) | 23 – Ground       | Constant                          | Battery voltage     |
| RAD NO. 2  | 25 – Ground       | Ignition switch ACC or ON         | Battery voltage     |
| WIP        | 27 – Ground       | Ignition switch ON                | Battery voltage     |
| OBD        | 29 – Ground       | Constant                          | Battery voltage     |
| STOP       | 31 – Ground       | Constant                          | Battery voltage     |
| CIG        | 33 – Ground       | Ignition switch ACC or ON         | Battery voltage     |
| ECU-IG     | 35 – Ground       | Ignition switch ON                | Battery voltage     |
| ST         | 37 – Ground       | Ignition switch ON                | Battery voltage     |
| IGN        | 39 – Ground       | Ignition switch ON                | Battery voltage     |
| D RR DOOR  | 41 – Ground       | Constant                          | Battery voltage     |

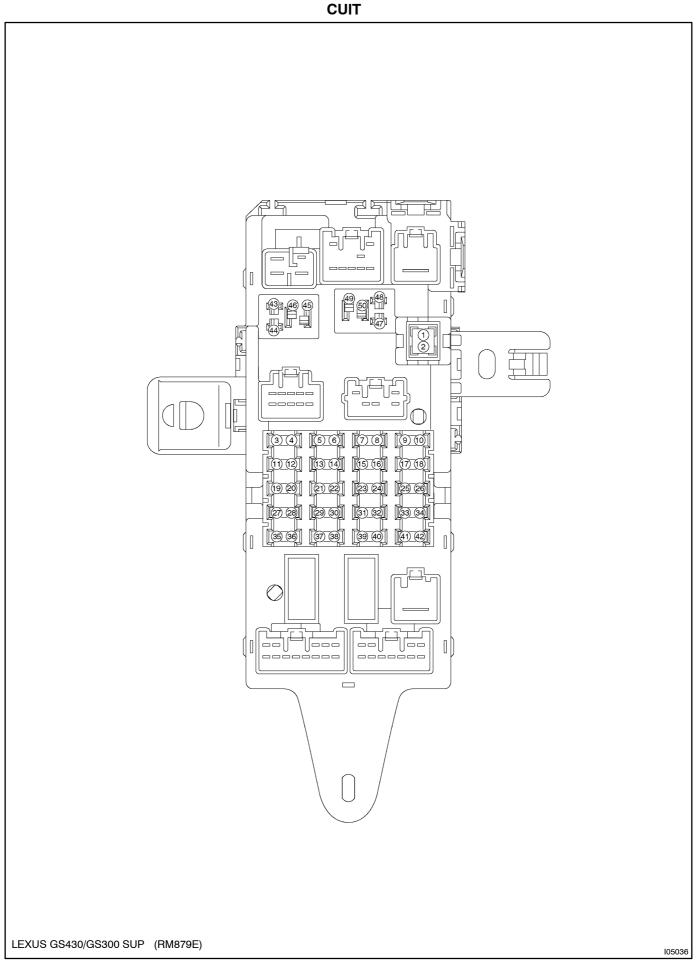
If the circuit is not as specified, inspect the circuits connected to other parts.

(b) Remove the relay from the junction block and inspect the connector on junction block side.

| Relay     | Tester connection | Condition                 | Specified condition |
|-----------|-------------------|---------------------------|---------------------|
| Fog light | 43 – Ground       | Constant                  | Battery voltage     |
| Fog light | 44 – Ground       | Constant                  | Continuity          |
| Fog light | 46 – Ground       | Light control switch HEAD | Battery voltage     |
| Taillight | 47 – Ground       | Constant                  | Battery voltage     |
| Taillight | 48 – Ground       | Constant                  | Continuity          |
| Taillight | 50 – Ground       | Constant                  | Continuity          |

If the circuit is not as specified, inspect the circuits connected to other parts.

#### 3. INSPECT PASSENGER SIDE JUNCTION BLOCK CIR-CUIT



(a) Remove the fuse from the junction block and inspect the connector on junction block side.

| Fuse       | Tester connection | Condition          | Specified condition |
|------------|-------------------|--------------------|---------------------|
| DEF        | 1 – Ground        | Constant           | Battery voltage     |
| RR FOG     | 5 – Ground        | Constant           | Battery voltage     |
| MIR HTR    | 7 – Ground        | Ignition switch ON | Battery voltage     |
| S/ROOF     | 13 – Ground       | Constant           | Battery voltage     |
| ECU-B3     | 15 – Ground       | Constant           | Battery voltage     |
| P/SEAT (P) | 23 – Ground       | Constant           | Battery voltage     |
| DOME       | 25 – Ground       | Constant           | Battery voltage     |
| S-HTR      | 27 – Ground       | Ignition switch ON | Battery voltage     |
| TV         | 31 – Ground       | Constant           | Battery voltage     |
| ECU-B2     | 33 – Ground       | Constant           | Battery voltage     |
| P RR DOOR  | 41 – Ground       | Constant           | Battery voltage     |

If the circuit is not as specified, inspect the circuits connected to other parts.

(b) Remove the relay from the junction block and inspect the connector on junction block side.

| Relay         | Tester connection | Condition          | Specified condition |
|---------------|-------------------|--------------------|---------------------|
| Ignition Main | 43 – Ground       | Ignition switch ON | Battery voltage     |
| Mirror Heater | 47 – Ground       | Ignition switch ON | Battery voltage     |
| Mirror Heater | 50 – Ground       | Constant           | Battery voltage     |

If the circuit is not as specified, inspect the circuits connected to other parts.