

Illumination circuit

CIRCUIT DESCRIPTION

Receiving the courtesy signal from the Body ECU will make the interior light, ignition light, and courtesy light come on.

LHD Models:

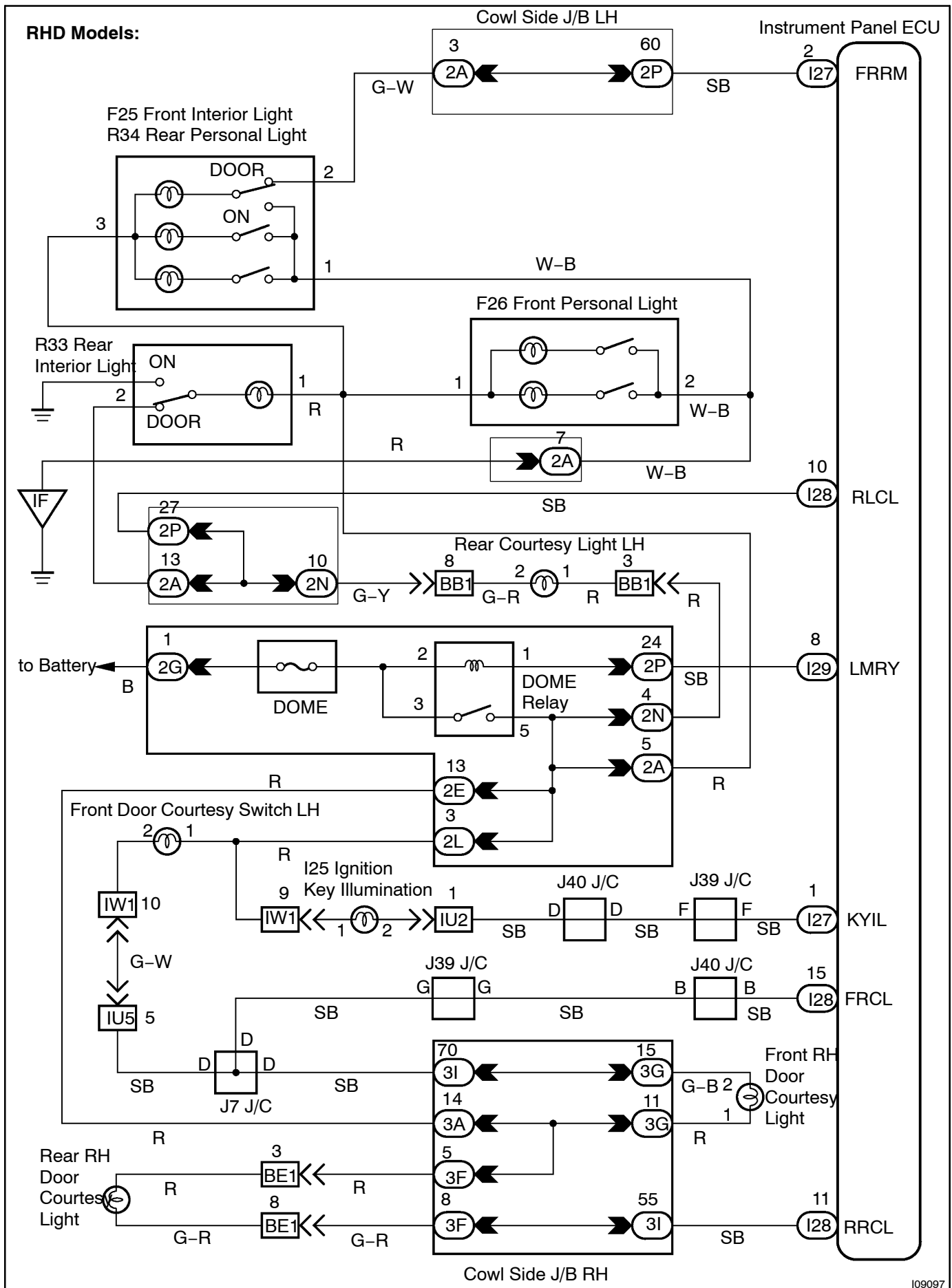
Diagram illustrating the wiring for the LHD models, showing the connection between the Instrument Panel ECU and various components.

Components and Connections:

- Instrument Panel ECU:** Connected to terminals 2 (I27), 10 (I28), 8 (I29), 1 (I27), 15 (I28), and 11 (I28).
- Cowl Side J/B LH:** Connected to terminals 3 (2A), 60 (2P), 7 (2A), and 10 (2N).
- Cowl Side J/B RH:** Connected to terminals 70 (3I), 14 (3A), 5 (3F), 8 (3F), 15 (3G), 11 (3G), and 55 (3I).
- Front Door Courtesy Switch LH:** Connected to terminals 1 (2G), 2 (2E), 3 (2L), and 10 (IC1).
- Front RH Door Courtesy Light:** Connected to terminals 15 (3G), 11 (3G), and 55 (3I).
- Rear RH Door Courtesy Light:** Connected to terminals 3 (BE1) and 8 (BE1).
- Front Interior Light (F25):** Connected to terminals 3 (2A) and 60 (2P).
- Rear Interior Light (R33):** Connected to terminals 2 (2P) and 13 (2A).
- Rear Personal Light (R34):** Connected to terminals 2 (2P) and 13 (2A).
- Front Personal Light (F26):** Connected to terminals 1 (2G) and 2 (2E).
- Rear Courtesy Light LH:** Connected to terminals 8 (BB1), 2 (2G), 1 (2E), and 3 (2L).
- DOME Relay:** Connected to terminals 1 (2G), 2 (2E), 3 (2L), and 5 (2A).
- Ignition Key Illumination (I25):** Connected to terminals 9 (IC1) and 1 (IU2).
- Front RH Door Courtesy Light:** Connected to terminals 15 (3G), 11 (3G), and 55 (3I).
- Rear RH Door Courtesy Light:** Connected to terminals 3 (BE1) and 8 (BE1).

Wiring Details:

- W-B:** White-Black
- G-W:** Green-White
- G-R:** Green-Red
- G-Y:** Green-Yellow
- G-B:** Green-Black
- SB:** Signal Bus
- R:** Relay
- IF:** Ignition Filter
- to Battery:** Connection to the battery
- DOOR:** Door switch
- ON:** On switch
- BB1:** Battery Backup 1
- IC1:** Ignition Control 1
- IU2:** Ignition Unit 2
- J30 J/C:** Junction 30 Junction Control
- J40 J/C:** Junction 40 Junction Control
- J41 J/C:** Junction 41 Junction Control



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INSPECTION PROCEDURE**1** Check DOME fuse.

NG

Replace the fuse.

OK

2 Check illumination light.

NG

Replace the failure light.

OK

3 Check wireharness and connector between each illumination light and Body ECU, battery and each illumination light.

NG

Repair or replace wireharness or connector.

OK

Proceed to next circuit inspection shown on
problem symptoms table.
(See [page DI-773](#))