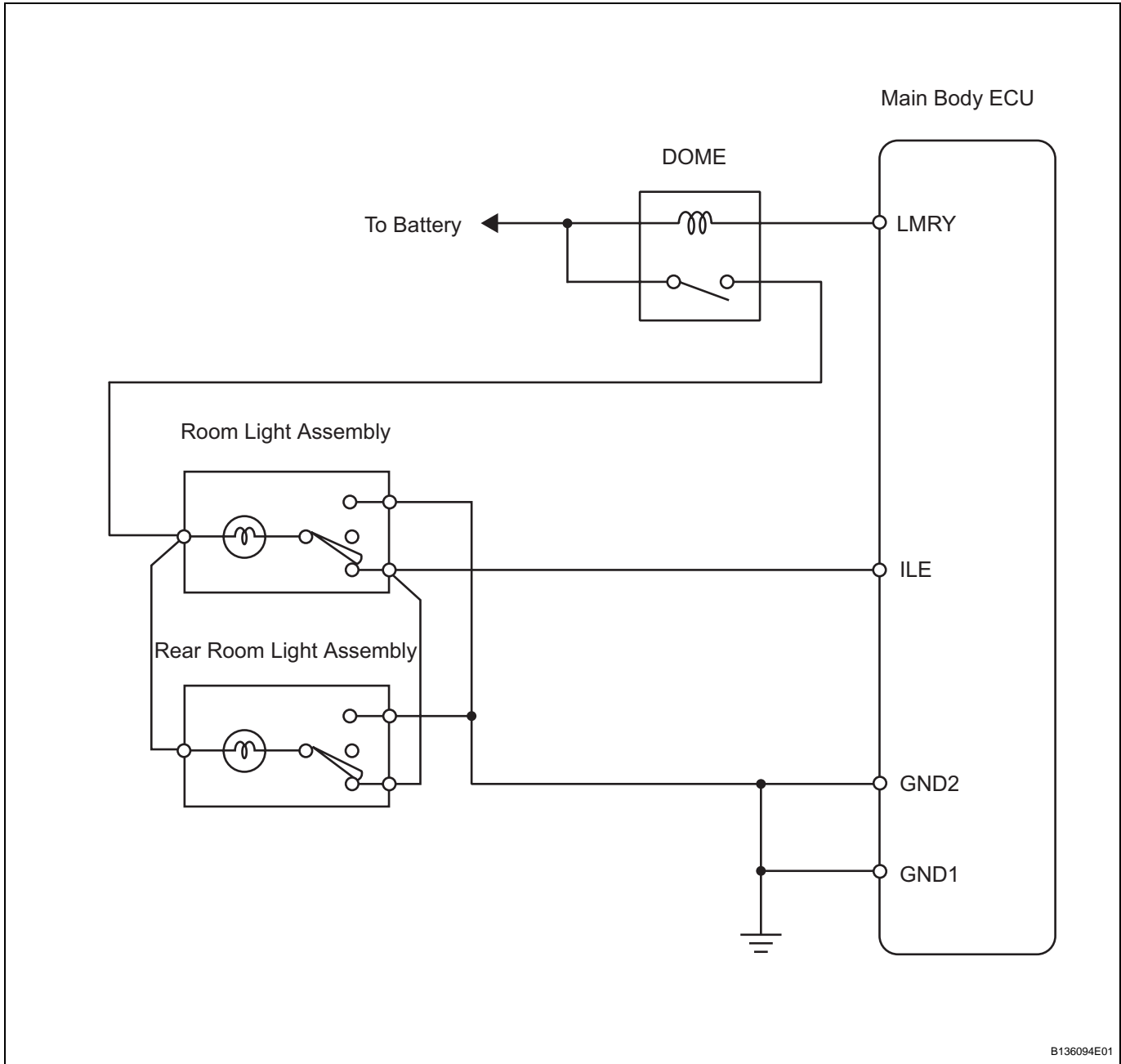


Illumination Circuit

DESCRIPTION

Upon receiving signals from the switches, the main body ECU illuminates the lights.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 PERFORM ACTIVE TEST BY INTELLIGENT TESTER

- (a) Connect the intelligent tester with CAN VIM to DLC3.
- (b) Turn the ignition switch ON.
- (c) Turn the intelligent tester on.

- (d) Select the item(s) in the ACTIVE TEST, and check the operation.

BODY

Item	Test Details	Diagnostic Note
ILLUMI OUTPUT	Illuminated Entry System ON/OFF	-

OK:

The room light and rear room light come on. (Light switch is in DOOR position.)

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE**

NG

2 INSPECT ROOM LIGHT ASSEMBLY

- (a) Inspect the room light assembly. (see page LI-96).

OK:

Room light assembly is normal.

NG → **REPLACE ROOM LIGHT ASSEMBLY**

OK

3 INSPECT REAR ROOM LIGHT ASSEMBLY

- (a) Inspect the rear room light assembly. (see page LI-100).

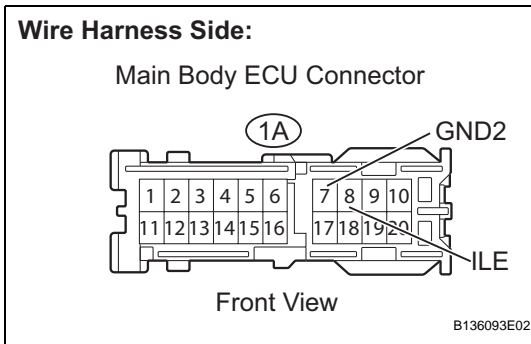
OK:

Rear room light assembly is normal.

NG → **REPLACE REAR ROOM LIGHT ASSEMBLY**

OK

4 CHECK HARNESS AND CONNECTOR (MAIN BODY ECU - ROOM LIGHT, BODY GROUND)



- (a) Disconnect the 1A main body ECU connector.
- (b) Measure the resistance.

Standard resistance

Tester Connection	Condition	Specified Condition
1A-8 (ILE) - 1A-7(GND2)	Room light switch is in DOOR position Rear room light switch is in OFF position	Below 1 Ω
1A-8 (ILE) - 1A-7(GND2)	Room light switch is in OFF position Rear room light switch is in DOOR position	Below 1 Ω
1A-8 (ILE) or 1A-7 (GND2)- Body ground	Always	10 kΩ or higher

- (c) Reconnect the main body ECU connector.

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

REPLACE MAIN BODY ECU

