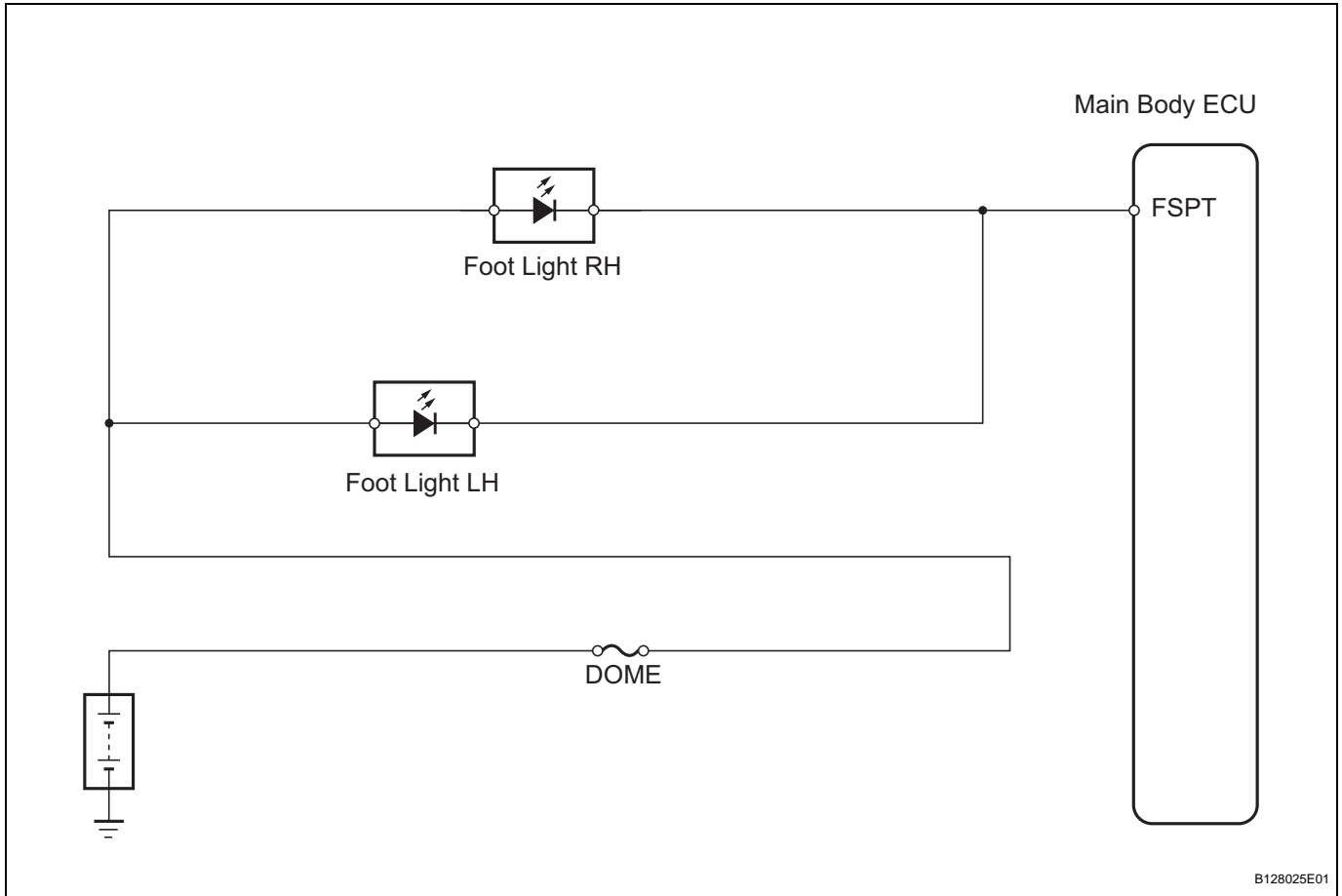


Footwell Light Circuit

DESCRIPTION

The main body ECU receives information regarding the door lock position switch and ignition switch, and turns on each foot light.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 PERFORM ACTIVE TEST BY INTELLIGENT TESTER (MAIN BODY ECU)

- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the ignition switch to the ON position and press the intelligent tester main switch ON.
- (c) Select the items below in the ACTIVE TEST and then check the relay operation.

Main body ECU

Item	Test Details	Diagnostic Note
STEP LIGHT	Foot light ON/OFF	-

OK:
Light comes on.

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

NG

2 INSPECT FUSE (DOME)

- (a) Remove the DOME fuse from the engine room No. 2 relay block.
- (b) Measure the resistance of the fuse.
Standard resistance:
Below 1 Ω

NG → **REPLACE FUSE**

OK

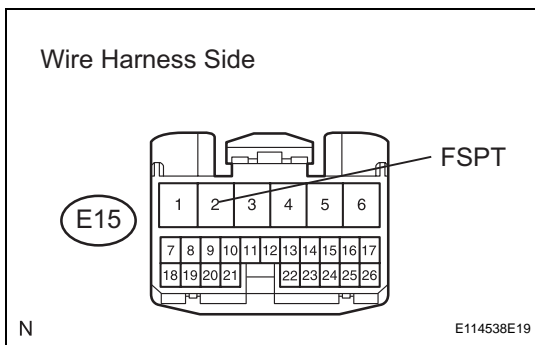
3 INSPECT FOOT LIGHT

- (a) Remove the foot light.
- (b) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, then check that the light comes on.
OK:
Light comes on.

NG → **REPLACE FOOT LIGHT ASSEMBLY**

OK

4 CHECK WIRE HARNESS (BATTERY - MAIN BODY ECU)



- (a) Install the foot light.
- (b) Disconnect the E15 main body ECU connector.
- (c) Measure the voltage of the wire harness side connector.
Standard voltage

Tester Connection	Specified Condition
E15-2 (FSPT) - Body ground	10 to 14 V

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

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK (MAIN BODY ECU)