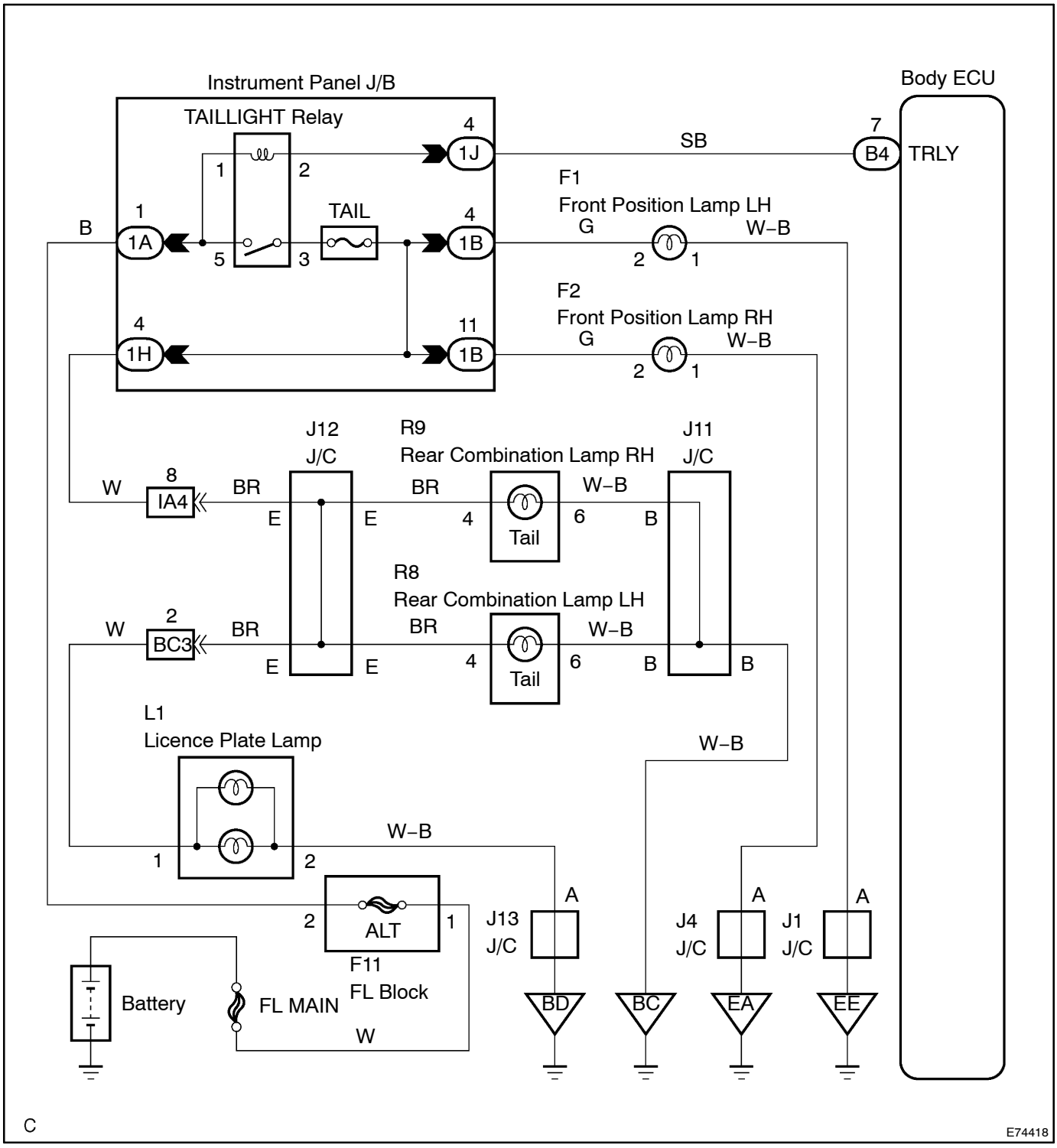
TAIL RELAY CIRCUIT

CIRCUIT DESCRIPTION

The multiplex network body ECU controls the TAIL relay when a signal is received from the headlamp dimmer switch assy.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	PERFORM ACTIVE TEST ON INTELLIGENT TESTER II

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the ignition switch to the ON position and turn the intelligent tester II main switch on.
(c) Select the item below in the ACTIVE TEST and then check the relay operation.

BODY NO.1 (MULTIPLEX NETWORK BODY ECU):

Item	Test Details	Diagnostic Note
Taillight Relay	Turn taillight relay ON/OFF	–

OK: Tail lamp comes on.

NG → **Go to step 2**

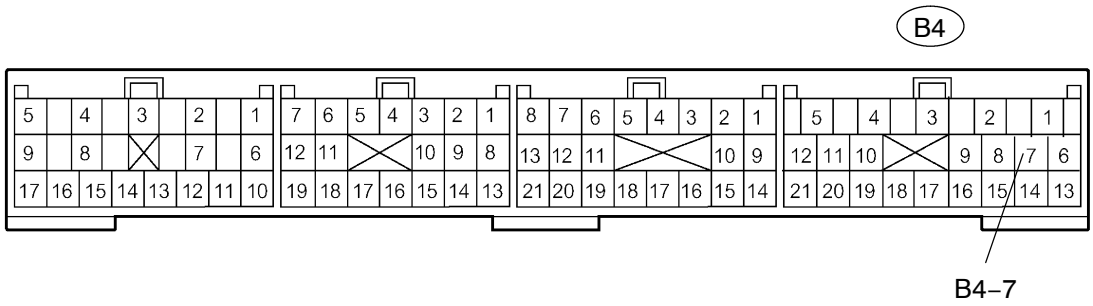
OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05–751)

2	INSPECT MULTIPLEX NETWORK BODY ECU

(a) Disconnect the B4 connector from the multiplex network body ECU.
(b) Using a service wire, connect B4–7 of the wire harness side and body ground.
OK: Tail lamp comes on.

Multiplex Network Body ECU
Connector Front View:



H

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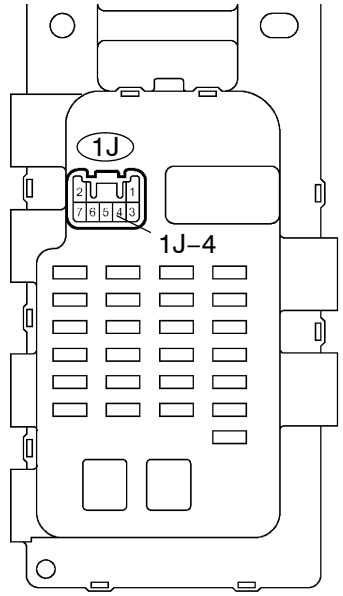
NG → Go to step 3

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE (SEE PAGE 05–751)

3	INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSY

Instrument Panel Junction Block
Front Side View:



H E72975

(a) Disconnect the 1J connector from the instrument panel junction block assy.
(b) Using a service wire, connect 1J–4 of the instrument panel junction block side and body ground.
OK: Tail lamp comes on.

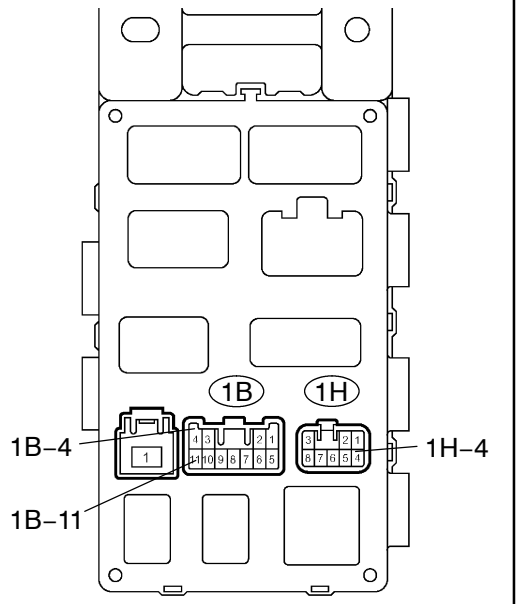
NG → **Go to step 4**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (INSTRUMENT PANEL JUNCTION BLOCK ASSY – MULTIPLEX NETWORK BODY ECU)

4 INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSY

Instrument Panel Junction Block Back Side View:



(a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1B–4 – Body ground	Connect 1J–4 and body ground	10 to 14 V
1B–11 – Body ground	Connect 1J–4 and body ground	10 to 14 V
1H–4 – Body ground	Connect 1J–4 and body ground	10 to 14 V

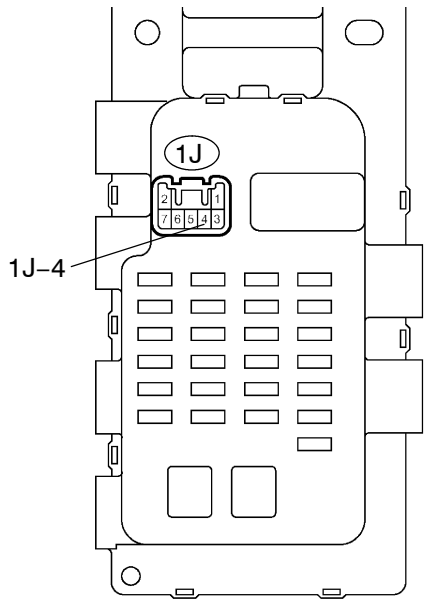
NG → **Go to step 5**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (EACH TAIL LAMP CIRCUIT)

5 INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSY

Instrument panel Junction Block
Front Side View:



(a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1J–4 – Body ground	Always	10 to 14 V

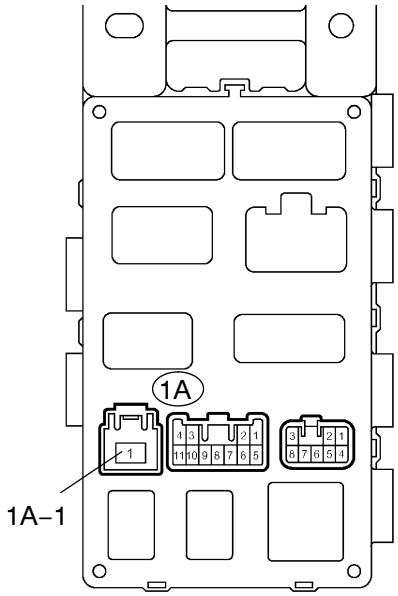
NG → **Go to step 6**

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY

6 CHECK HARNESS AND CONNECTOR(POWER SOURCE CIRCUIT)

Instrument Panel Junction Block Back Side View:



(a) Disconnect the 1A connector from the instrument panel junction block assy.

(b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1A–1 – Body ground	Always	10 to 14 V

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

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY