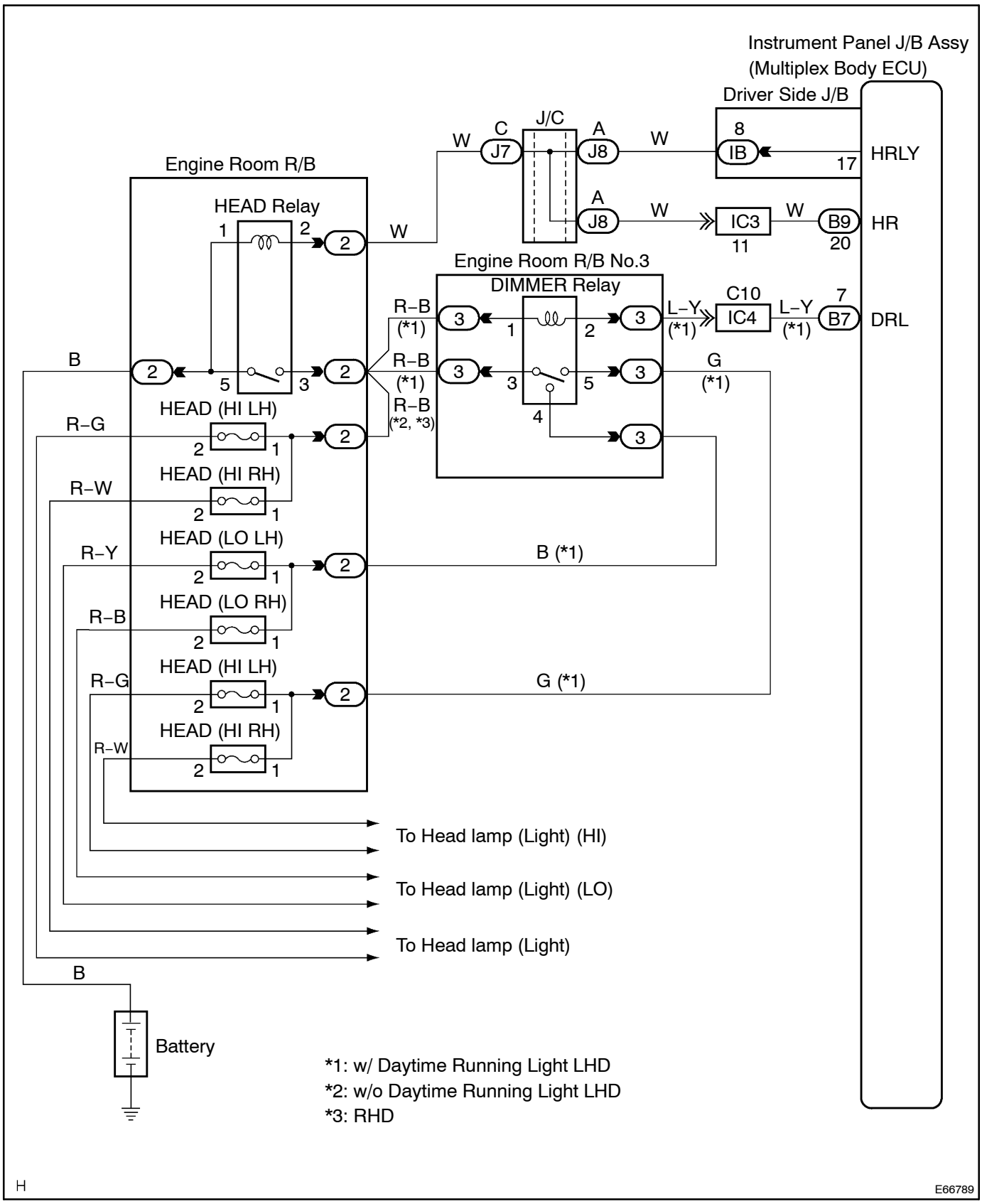
HEADLIGHT RELAY CIRCUIT

CIRCUIT DESCRIPTION

The Multiplex body ECU controls the HEADLIGHT relay.

WIRING DIAGRAM



INSPECTION PROCEDURE

HINT:
Start the inspection from step 1 in the case of using the hand–held tester, and start from step 2 in the case of not using the hand–held tester.

1 PERFORM ACTIVE TEST BY HAND–HELD TESTER

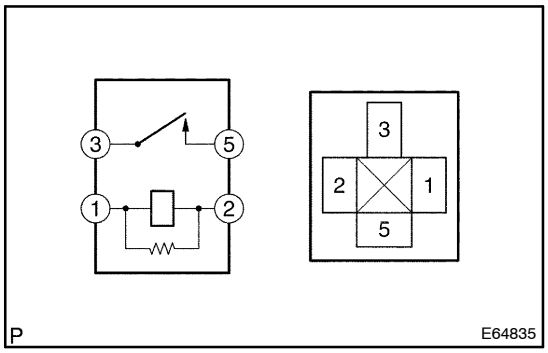
(a) Connect the hand–held tester to DLC3.
(b) Turn the ignition switch ON and push the hand–held tester main SW ON.
(c) Select the item below in the ACTIVE TEST and then check that the relay operates.

Item	Test Details	Diagnostic Note
HEAD LIGHT	Turns Headlight relay ON/OFF	–

OK → **PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1346)**

NG

2 INSPECT HEADLAMP RELAY



(a) Inspect relay continuity.

Condition	Tester connection	Specified condition
Always	1 – 2	Continuity
Always	3 – 5	No continuity
Apply B+ between terminal 1 and 2	3 – 5	Continuity

NG → **REPLACE HEADLAMP RELAY**

OK

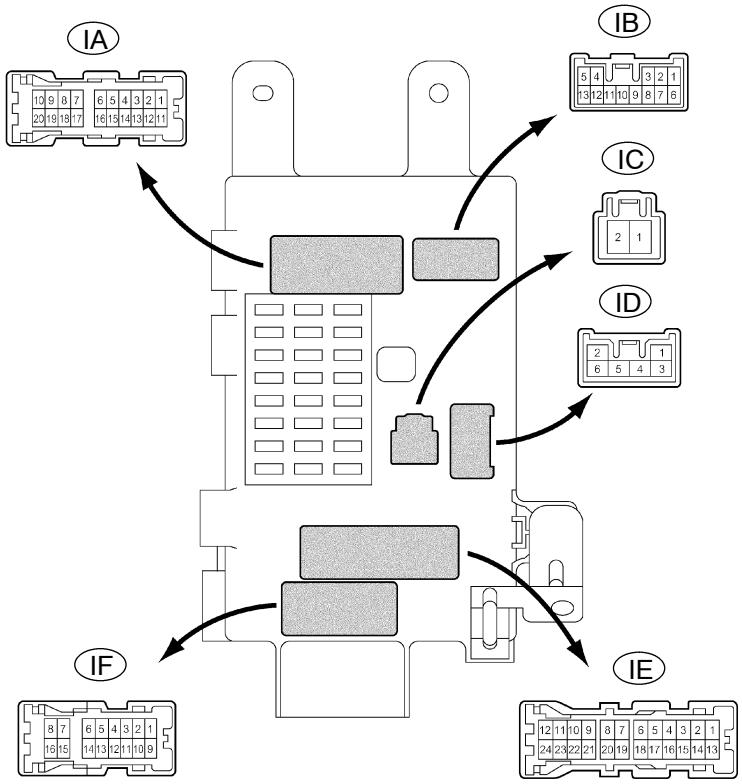
3	INSPECT INSTRUMENT PANEL JUNCTION BLOCK ASSY(HRLY)

(a) Disconnect the connector.
(b) Measure voltage between terminal HRLY of the instrument panel J/B and body ground with wire harness side.

Standard:

Terminal No.	Condition	Specified condition
IB–8 ⇔ body ground (HRLY ⇔ body ground)	Always	10–14 V

Instrument Panel J/B



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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE (SEE PAGE 05–1346)