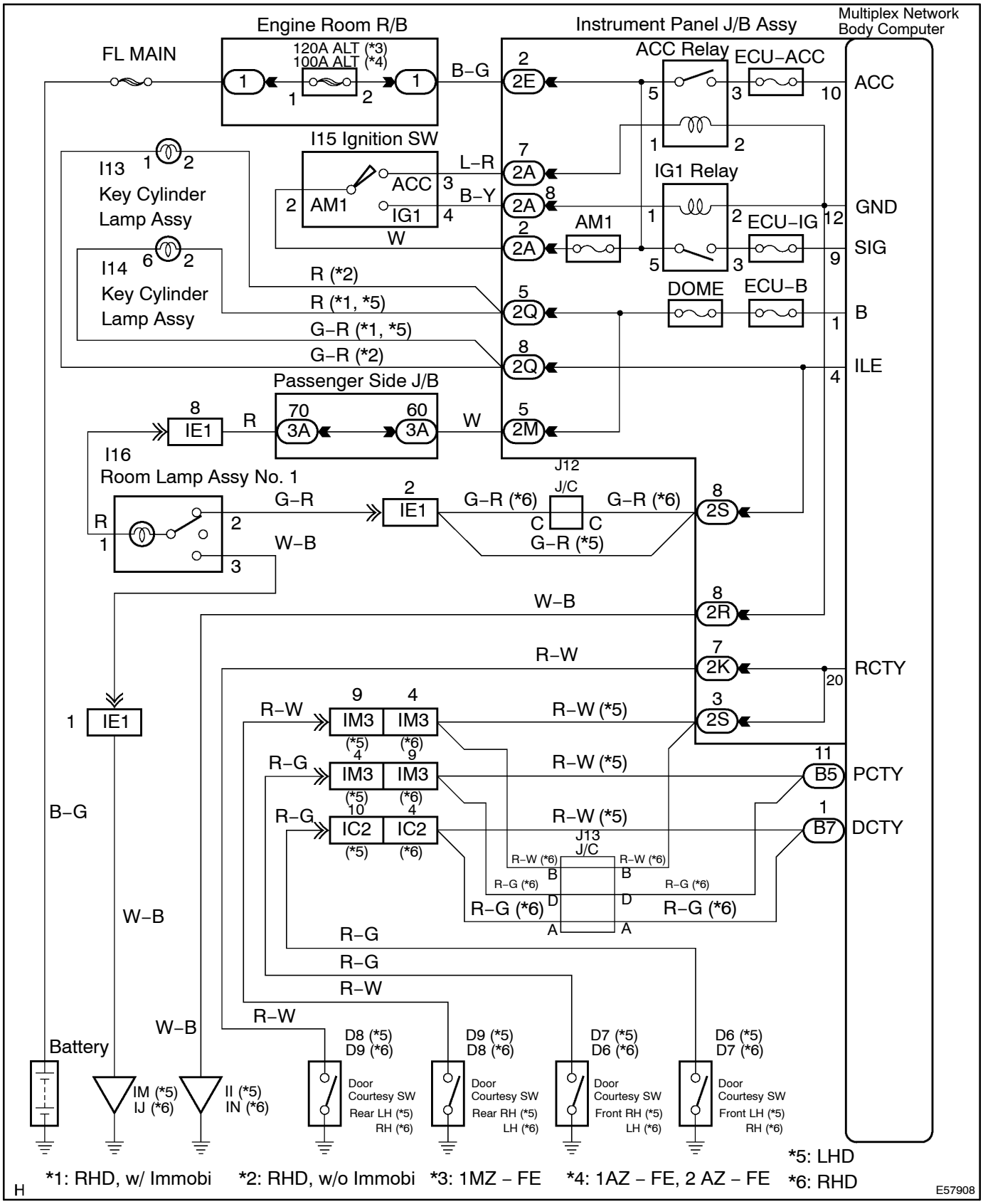
ROOM LAMP ASSY NO.1 DOES NOT GO OFF

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK INSTRUMENT PANEL JUNCTION BLOCK ASSY

(a) Measure voltage between terminals when opening the front door LH only.
Standard:

Front door LH	Tester connection	Specified condition
Close	B7–1 (DCTY) – 2A – 8	10 – 14 V
Open	B7–1 (DCTY) – 2A – 8	Below 1 V

OK → **CHECK AND REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY**

NG

2	INSPECT FRONT DOOR COURTESY LAMP SWITCH ASSY(FRONT DOOR LH)

(a) Inspect front door courtesy lamp switch LH continuity.
(1) Check that there is continuity between terminal 1 and body ground when switch is operated.
Standard:
ON (When shaft is pressed): No continuity
OFF (When shaft is not pressed): Continuity

NG → **REPLACE FRONT DOOR COURTESY LAMP SWITCH ASSY**

OK

3	CHECK HARNESS AND CONNECTOR(BETWEEN INSTRUMENT PANEL J/B ASSY AND FRONT DOOR COURTESY LAMP SWITCH LH)

(a) Disconnect the connector of the multiplex network body computer.
(b) Check the continuity between terminal B7 – 1 (DCTY) and body ground.
Standard: There is continuity.

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

OK

4	CHECK INSTRUMENT PANEL JUNCTION BLOCK ASSY

(a) Measure voltage between terminals when opening the front door RH only.
Standard:

Front door RH	Tester connection	Specified condition
Close	B5–11 (PCTY) – 2A – 8 (GND)	10 – 14 V
Open	B5–11 (PCTY) – 2A – 8 (GND)	Below 1 V

OK → **CHECK AND REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY**

NG

5	INSPECT FRONT DOOR COURTESY LAMP SWITCH ASSY(FRONT DOOR RH)

(a) Inspect front door courtesy lamp switch RH continuity.
(1) Check that the continuity exists between terminal 1 and body ground when switch is operated.
Standard:
ON (When shaft is pressed): No continuity
OFF (When shaft is not pressed): Continuity

NG → **REPLACE FRONT DOOR COURTESY LAMP SWITCH ASSY**

OK

6	CHECK HARNESS AND CONNECTOR(BETWEEN INSTRUMENT PANEL J/B ASSY AND FRONT DOOR COURETESY LAMP SWITH RH)

(a) Disconnect the connector of the multiplex network body computer.
(b) Check the continuity between terminal B6 – 11 (PCTY) and body ground.
Standard: There is continuity.

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

OK

7	CHECK INSTRUMENT PANEL JUNCTION BLOCK ASSY

(a) Measure voltage between terminals, when opening the rear door LH only.
Standard:

Rear door LH	Tester connection	Specified condition
Close	20 (RCTY) – 2A–8 (GND)	10 – 14 V
Open	20 (RCTY) – 2A–8 (GND)	Below 1 V

OK → **CHECK AND REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY**

NG

8	INSPECT REAR DOOR COURTESY LAMP SWITCH ASSY(REAR DOOR LH)

(a) Inspect rear door courtesy lamp switch LH continuity.
(1) Check that the continuity exists between terminal 1 and body ground, when switch is operated.
Standard:
ON (When shaft is pressed): No continuity
OFF (When shaft is not pressed): Continuity

NG → **REPLACE REAR DOOR COURTESY LAMP SWITCH ASSY**

OK

9	CHECK HARNESS AND CONNECTOR(BETWEEN INSRUMENT PANEL J/B ASSY AND REAR DOOR COUTESY LAMP SWITCH LH)

(a) Disconnect the connector of the multiplex network body computer.
(b) Check the continuity between terminal 20 (RCTY) and body ground.
Standard: There is continuity.

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

OK

10	CHECK INSTRUMENT PANEL JUNCTION BLOCK ASSY

(a) Measure voltage between terminals when opening the rear door RH only.
Standard:

Rear door RH	Tester connection	Specified condition
Close	20 (RCTY) – 2A–8 (GND)	10 – 14 V
Open	20 (RCTY) – 2A–8 (GND)	Below 1 V

OK → **CHECK AND REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY**

NG

11	INSPECT REAR DOOR COURTESY LAMP SWITCH ASSY(REAR DOOR RH)

(a) Inspect rear door courtesy lamp switch RH continuity.
(1) Check that the continuity exists between terminal 1 and body ground when switch is operated.
Standard:
ON (When shaft is pressed): No continuity
OFF (When shaft is not pressed): Continuity

NG → **REPLACE REAR DOOR COURTESY LAMP SWITCH ASSY**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR