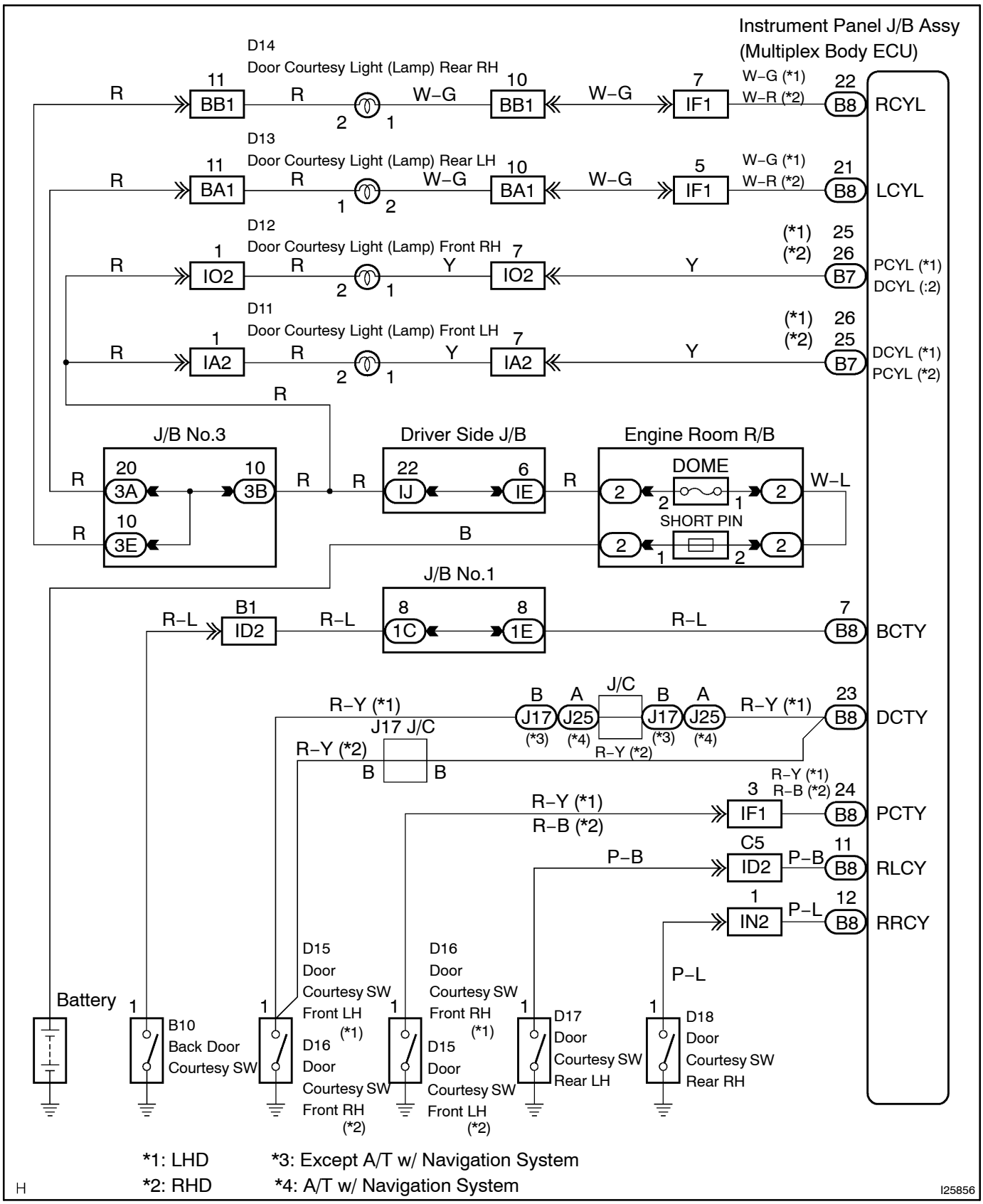
DOOR COURTESY LIGHT AND COURTESY SWITCH CIRCUIT

CIRCUIT DESCRIPTION

The door courtesy light comes on when the door is opened and goes off when the door is closed.
The Multiplex body ECU detects the condition of the door courtesy switch and controls the courtesy lights.

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	READ VALUE OF HAND–HELD TESTER

(a) Connect the hand–held tester to DLC3.
(b) Turn the ignition switch to ON and push the hand–held tester main SW ON.
(c) Select the items below in the DATA LIST, and read the displays on the hand–held tester.

BGW:

Item	Measurement Item/ Display (Range)	Normal Condition	Diagnostic Note
LUGG COURTSY SW	Back door courtesy SW signal/ON or OFF	ON: Back door is open OFF: Back door is close	–
D DOR CTY SW	Driver's door courtesy SW signal/ON or OFF	ON: Driver's door is open OFF: Driver's door is close	–
P DOR CYT SW	Passenger's door courtesy SW signal/ ON or OFF	ON: Front passenger's door is open OFF: Front passenger's door is close	–
Rr DOR CTY SW	Rear door courtesy SW signal/ON or OFF	ON: Either right or left rear passenger's door is open OFF: Both the right and left passenger's doors and closed	–

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

NG

2	INSPECT COURTESY LAMP

(a) Inspect door courtesy lamp assy continuity
(1) Check that the continuity exists between terminals.
Standard: Continuity exists

NG → **REPLACE COURTESY LAMP**

OK

3	INSPECT COURTESY LAMP SWITCH

(a) Inspect door courtesy switch continuity.
(1) Check that the continuity exists between terminal 1 and switch body while operating the switch.
Standard:
ON (when shaft is pressed): No continuity
OFF (when shaft is not pressed): Continuity

NG → **REPLACE COURTESY LAMP SWITCH**

OK

4	CHECK HARNESS AND CONNECTOR(SEE PAGE 01–26)

(a) Inspect the harness and the connectors related to each light or switch by referring to the wiring diagram.

NG → REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

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