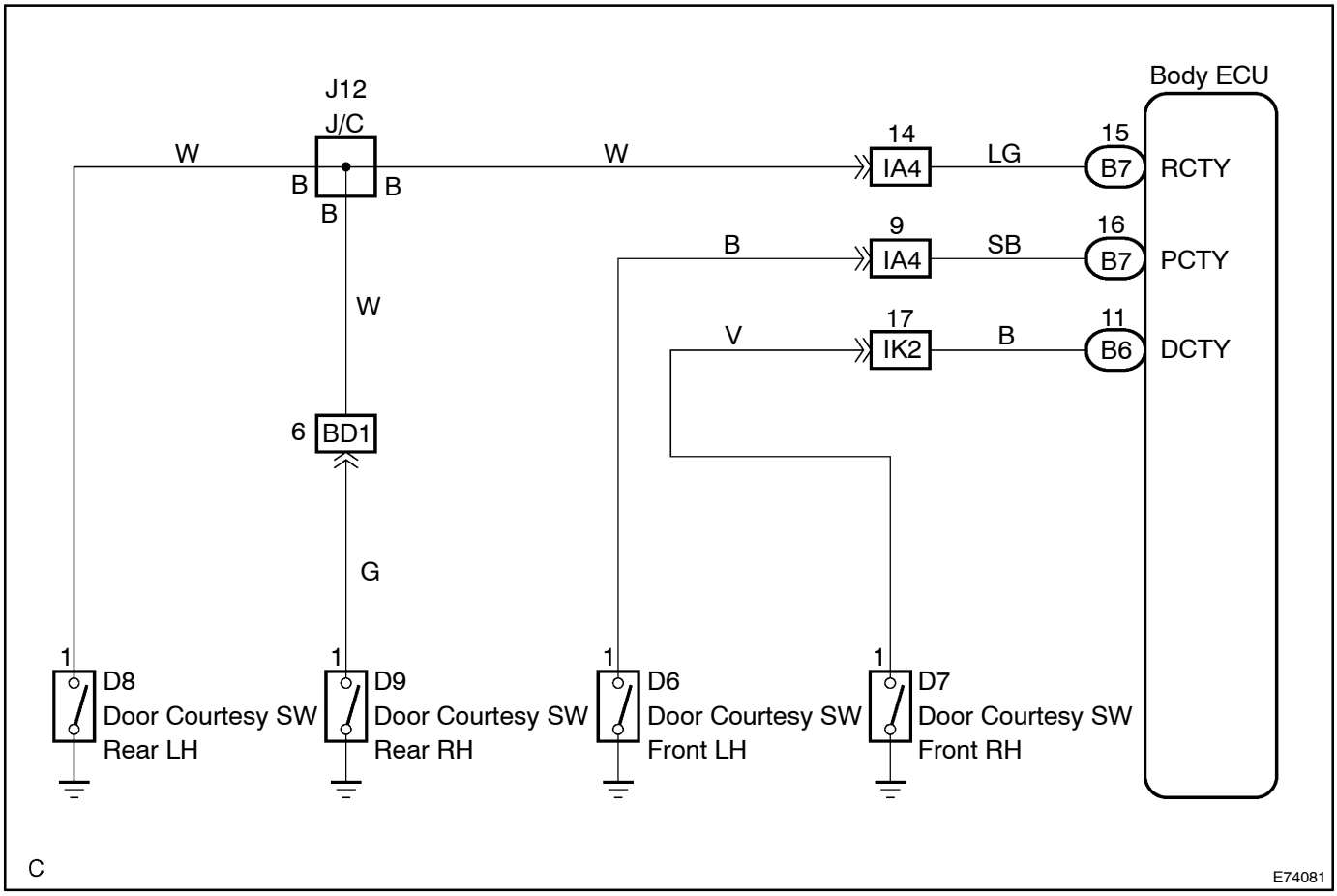
DOOR COURTESY SWITCH CIRCUIT

CIRCUIT DESCRIPTION

The multiplex network body ECU detects the condition of the door courtesy switch assy.

WIRING DIAGRAM



INSPECTION PROCEDURE

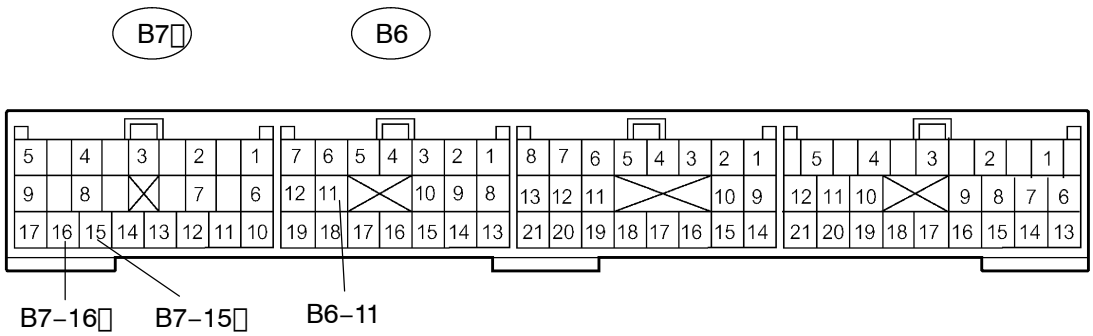
1	CHECK HARNESS AND CONNECTOR(COURTESY LAMP SWITCH – MULTIPLEX NETWORK BODY ECU)

(a) Disconnect the B6 and B7 connectors from the multiplex network body ECU.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
B6–11 – Body ground	Driver side door is open. Driver side door is closed.	Below 1 Ω 10 kΩ or higher
B7–16 – Body ground	Front passenger side door is open. Front passenger side door is closed.	Below 1 Ω 10 kΩ or higher
B7–15 – Body ground	One of the rear side doors is open. Both rear side doors are closed.	Below 1 Ω 10 kΩ or higher

Multiplex Network Body ECU
Connector Front View:

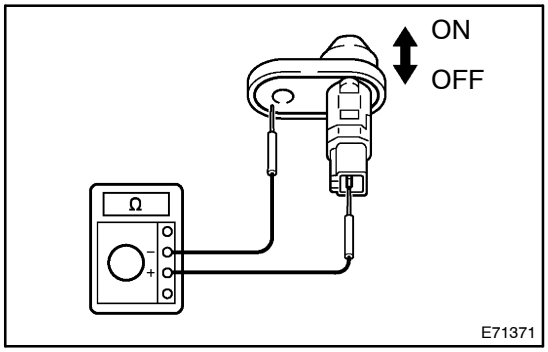


NG → **Go to step 2**

OK

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

2	INSPECT COURTESY LAMP SWITCH



(a) Remove the courtesy lamp switch.
(b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
1 – Body ground	OFF (When shaft is pressed)	10 kΩ or higher
1 – Body ground	ON (When shaft is not pressed)	Below 1 Ω

NG → **REPLACE COURTESY LAMP SWITCH**

OK

REPAIR OR REPLACE HARNESS OR CONNECTOR (EACH COURTESY SWITCH CIRCUIT)