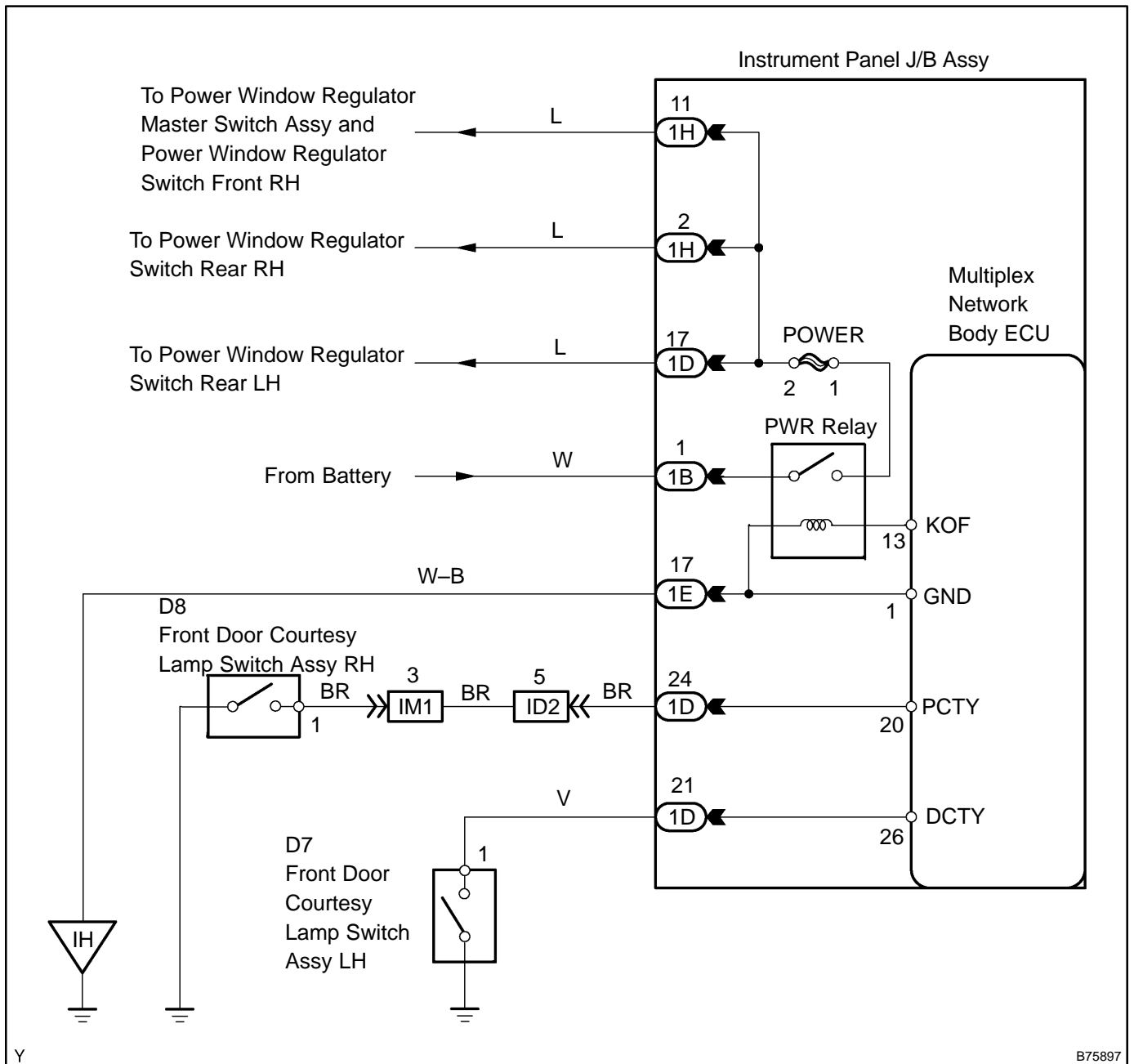


POWER WINDOW CAN BE OPERATED AFTER IGNITION SWITCH IS TURNED OFF EVEN IF OPERATIVE CONDITIONS ARE NOT MET

CIRCUIT DESCRIPTION

The multiplex network body ECU keeps power supplied to the power window regulator master switch assembly and the regulator switch for 43 seconds after the power switch is turned OFF. However, the body ECU will cut power to the master switch assembly if: 1) either front door is opened, 2) a signal from either of the front door courtesy lamp switches is input to the ECU within the 43 seconds, or 3) 43 seconds have passed with no power window activity.

WIRING DIAGRAM



Y

B75897

INSPECTION PROCEDURE

1 CHECK OPERATION FUNCTION AFTER POWER SWITCH'S POWER MODE IS CHANGED TO OFF

- (a) After turn the power switch OFF:
- (1) Either front door is opened within 43 seconds but the power window can still operate. Proceed to A.
 - (2) 43 seconds pass and the power window can still operate. Proceed to B.

B

REPLACE POWER WINDOW REGULATOR MASTER SWITCH ASSY

A

2 READ VALUE OF HAND-HELD TESTER

- (a) Connect the hand-held tester (with CAN VIM) to the DLC3.
- (b) Turn the power switch ON (IG) and press the hand-held tester main switch ON.
- (c) Read the DATA LIST according to the displays on the tester.

Multiplex network body ECU:

Item	Measurement Item/Range (Display)	Normal Condition	Diagnostic Note
D DOR CTY SW	Driver side door courtesy switch signal/ON or OFF	ON: Driver side door is open OFF: Driver side door is closed	–
P DOR CTY SW	Passenger side door courtesy switch signal/ON or OFF	ON: Passenger side door is open OFF: Passenger side door is closed	–

OK: "ON" (door is open) appears on the screen.

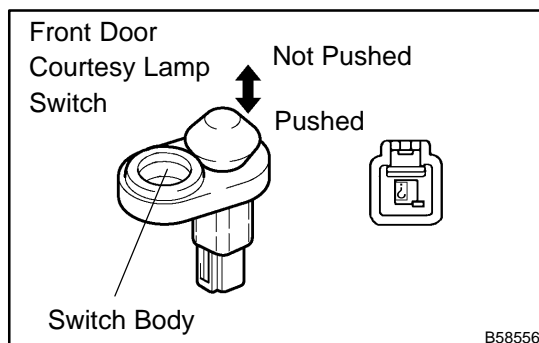
NG

Go to step 3

OK

REPLACE INSTRUMENT PANEL J/B

3 INSPECT FRONT DOOR COURTESY LAMP SWITCH ASSY



- (a) Remove the courtesy D7 or D8 lamp switch.
- (b) Measure the switch resistance.

Standard:

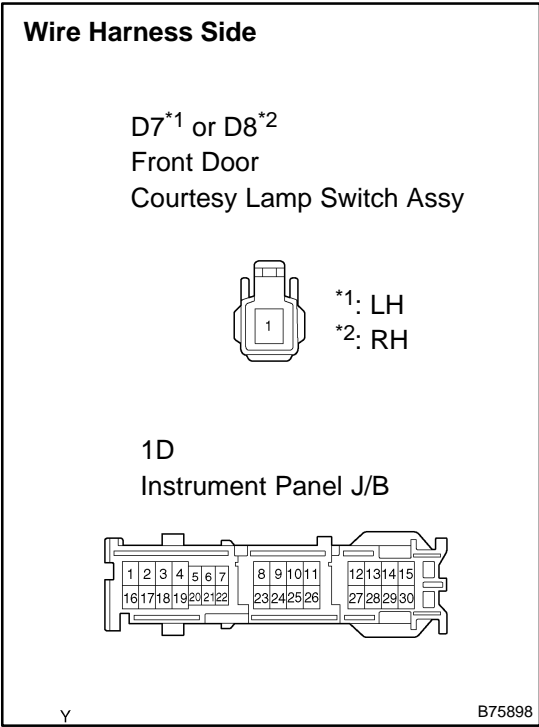
Tester Connection	Condition	Specified Condition
1 – Switch body	Pushed	10 k Ω or higher
1 – Switch body	Not pushed	Below 1 Ω

NG

REPLACE FRONT DOOR COURTESY LAMP SWITCH ASSY

OK

4 CHECK WIRE HARNESS (FRONT DOOR COURTESY LAMP SWITCH ASSY - INSTRUMENT PANEL J/B ASSY)



- (a) Disconnect the D7 or D8 lamp switch connector.
- (b) Disconnect the 1D J/B connector.
- (c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
D7-1 - 1D-21	Below 1 Ω
D8-1 - 1D-24	Below 1 Ω
D7-1 - Body ground	10 kΩ or higher
D8-1 - Body ground	10 kΩ or higher

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

OK

REPLACE INSTRUMENT PANEL J/B ASSY