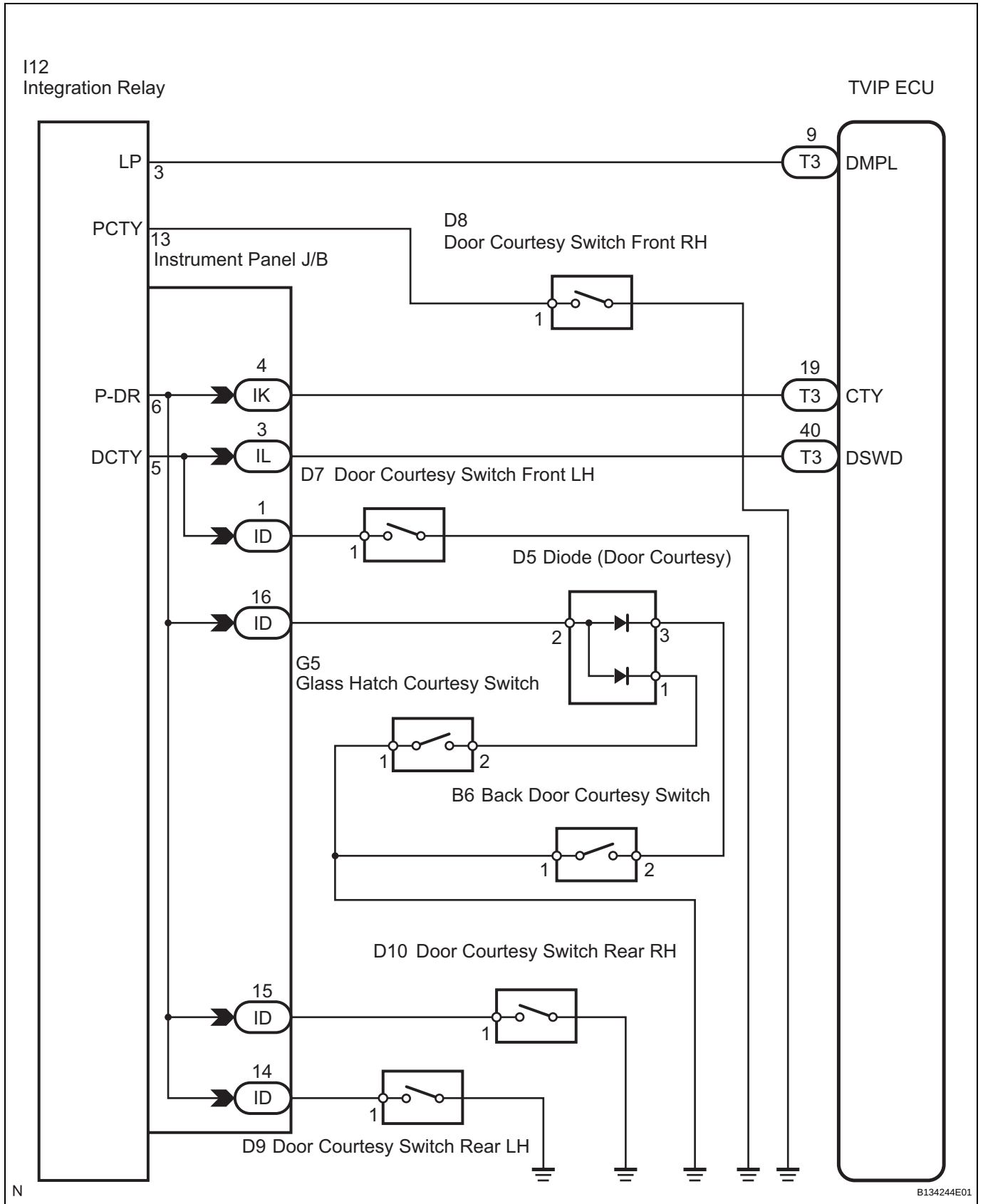


Door Courtesy Switch Circuit

DESCRIPTION

The door courtesy switch turns ON when the door is opened and OFF when the door is closed.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK DOOR COURTESY LIGHT SWITCH ASSEMBLY

Door Courtesy Switch Front LH

Door Courtesy Switch Front RH

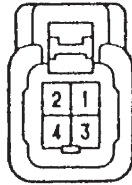
Door Courtesy Switch Rear RH

Door Courtesy Switch Rear LH



Back Door Courtesy Switch

Glass Hatch Courtesy Switch



B060027E02

- (a) Measure the resistance according to the value(s) in the table below.

Standard resistance :**(front LH / front RH / rear LH / rear RH)**

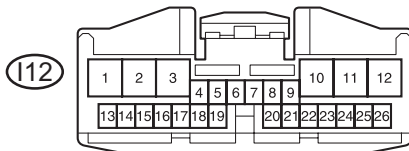
Tester Connection	Switch Condition	Specified Condition
1 - Body ground	Pushed	Below 1 Ω
1 - Body ground	Not pushed	10 k Ω or higher

(glass hatch / back door)

Tester Connection	Door Lock Latch Position	Specified Condition
1 - 2	Open or half lock	Below 1 Ω
1 - 2	Closed	10 k Ω or higher
1 - Body ground	Always	Below 1 Ω

NG**REPLACE DOOR COURTESY LIGHT SWITCH ASSEMBLY****OK****2 CHECK HARNESS AND CONNECTOR (INTEGRATION RELAY - DOOR COURTESY SWITCH)****Wire Harness Side:**

Integration Relay

**(D8)** Door Courtesy Switch Front RH

N

B150418E01

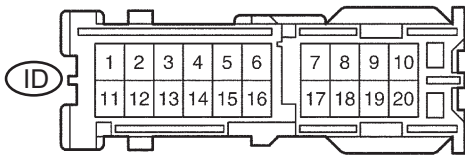
- (a) Disconnect the integration relay and door courtesy connectors.
 (b) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Specified Condition
PCTY (I12-13) - (D8-1)	Below 1 Ω

Wire Harness Side:

Integration Relay (Instrument Panel J/B)



(D7) Door Courtesy Switch Front LH

(D10) Door Courtesy Switch Rear RH

(D9) Door Courtesy Switch Rear LH



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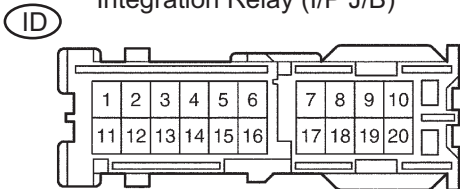
- (c) Disconnect the integration relay and door courtesy connectors.
- (d) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Specified Condition
ID-1 - D7-1	Below 1 Ω
ID-15 - D10-1	Below 1 Ω
ID-14 - D9-1	Below 1 Ω

NG**REPAIR OR REPLACE HARNESS OR CONNECTOR****OK****3****CHECK HARNESS AND CONNECTOR****Wire Harness Side:**

Integration Relay (I/P J/B)



(B6) Back Door Courtesy Switch

(G5) Glass Hatch Courtesy Switch



B059606E02

- (a) Disconnect the integration relay and door courtesy connectors.
- (b) Measure the resistance according to the value(s) in the table below.

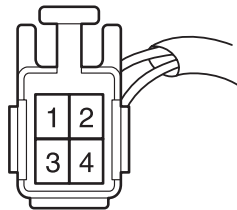
Standard resistance

Tester Connection	Specified Condition
ID-16 - B6-2	Below 1 Ω
ID-16 - G5-2	Below 1 Ω

TD

Wire Harness Side:

- (B6) Back Door Courtesy Switch
- (G5) Glass Hatch Courtesy Switch



N

B110538E02

(c) Measure the resistance according to the value(s) in the table below.

Standard resistance

Tester Connection	Specified Condition
B6-1 - Body ground	Below 1 Ω
G5-1 - Body ground	Below 1 Ω

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE TVIP ECU