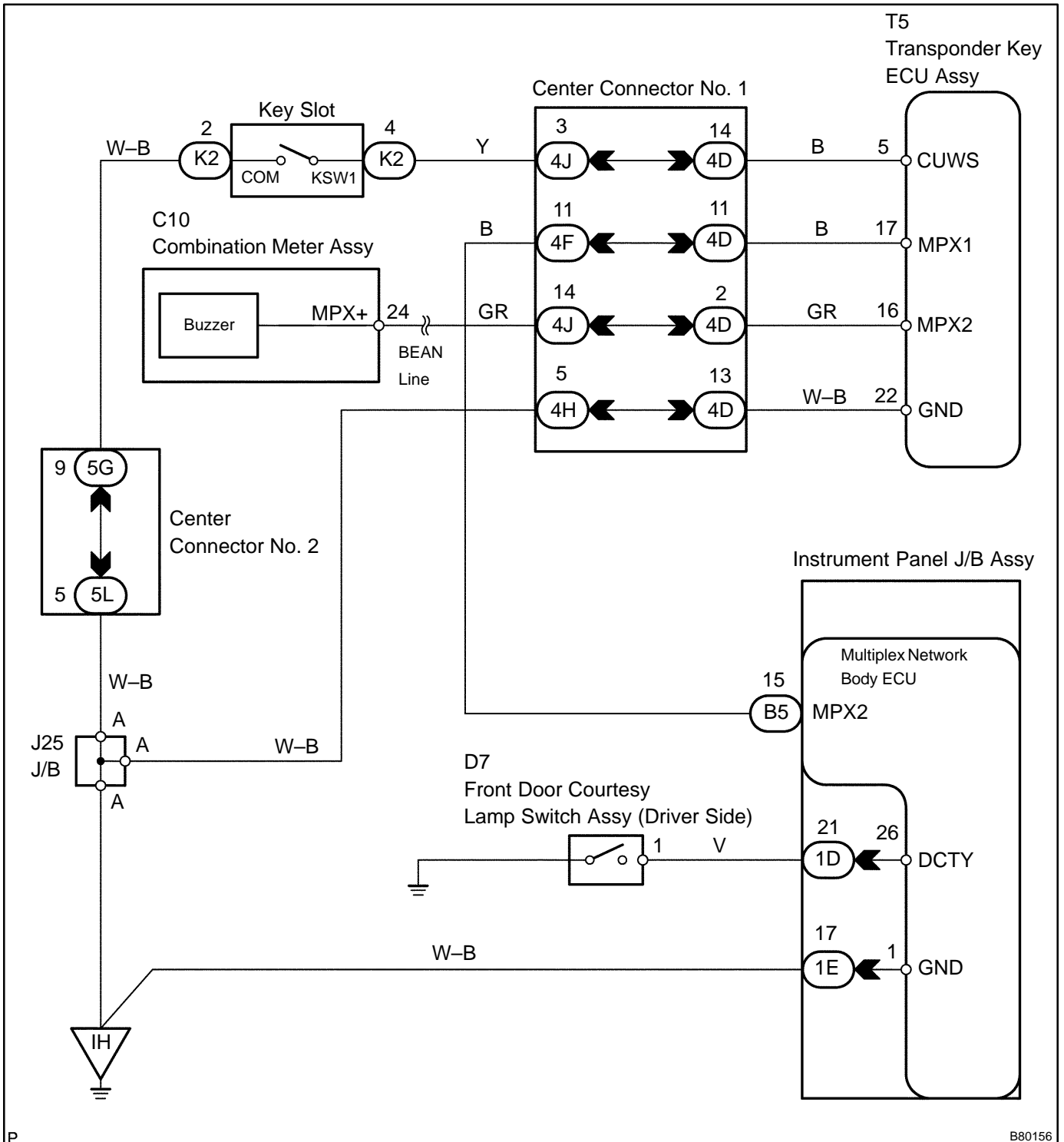


KEY REMINDER BUZZER DOES NOT SOUND

CIRCUIT DESCRIPTION

When the power switch's power mode is OFF, the key is in the key slot and the driver side door is opened, the transponder key ECU transmits a halfway switch signal and multiplex network body ECU transmits driver side courtesy switch signal to the combination meter, which causes the buzzer to emit a sound.

WIRING DIAGRAM



B80156

INSPECTION PROCEDURE

1 READ VALUE OF HAND-HELD TESTER

- (a) Check the DATA LIST for proper functioning of the driver side door courtesy switch.

Multiplex network body ECU:

Item	Measure Item/Display (Range)	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	-

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

NG → Go to step 3

- (b) Check the DATA LIST for proper functioning of the key slot.

Transponder key ECU:

Item	Measure Item/Display (Range)	Normal Condition	Diagnostic Note
KEY UNLK WRN SW	Halfway switch signal /ON or OFF	ON: Key is in key slot OFF: No key is in key slot	-

OK: "ON"(key is in slot) appears on the screen.

NG → Go to step 5

OK

2 CHECK BUZZER (COMBINATION METER)

- (a) Check the warning buzzer built into the combination meter (see page 05-1986).

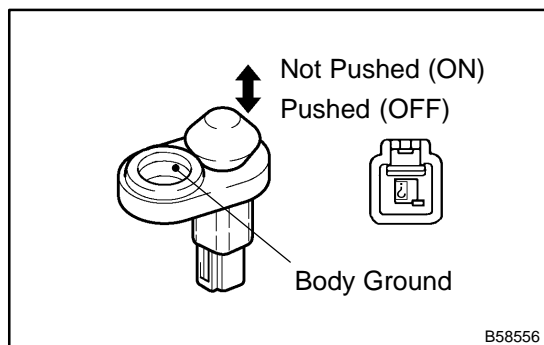
OK: Warning buzzer sounds.

NG → REPLACE COMBINATION METER ASSY

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY (MULTIPLEX NETWORK BODY ECU)

3 INSPECT FRONT DOOR COURTESY LAMP SWITCH ASSY (DRIVER SIDE)



- (a) Remove the courtesy lamp switch.

- (b) Measure the switch resistance.

Standard:

Tester Condition	Switch Condition	Specified Condition
1 – Body ground	Not Pushed	Below 1 Ω
1 – Body ground	Pushed	10 kΩ or higher

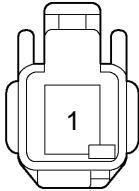
OK → REPLACE FRONT DOOR COURTESY LAMP SWITCH ASSY

OK

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

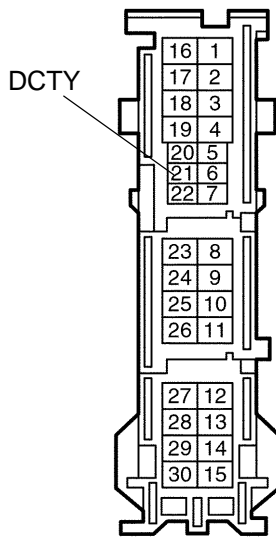
Wire Harness Side

D7
Front Door Courtesy Lamp Switch Assy



B65420

1D
Instrument Panel J/B Assy



B79240

B79560

- (a) Disconnect the D7 switch and 1D J/B connectors.
- (b) Measure the resistance of the wire harness side connectors.

Standard:

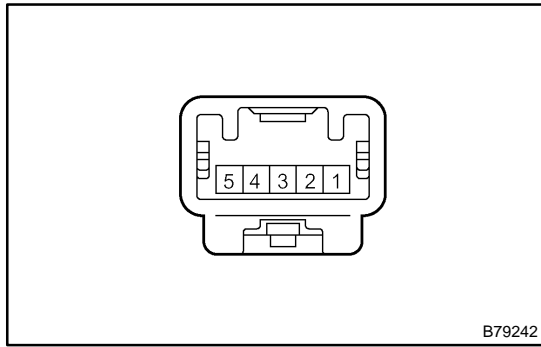
Tester Connection	Specified Condition
D7-1 - 1D-21 (DCTY)	Below 1 Ω

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

OK

REPLACE INSTRUMENT PANEL J/B ASSY

5 INSPECT KEY SLOT



B79242

(a) Measure the switch resistance.

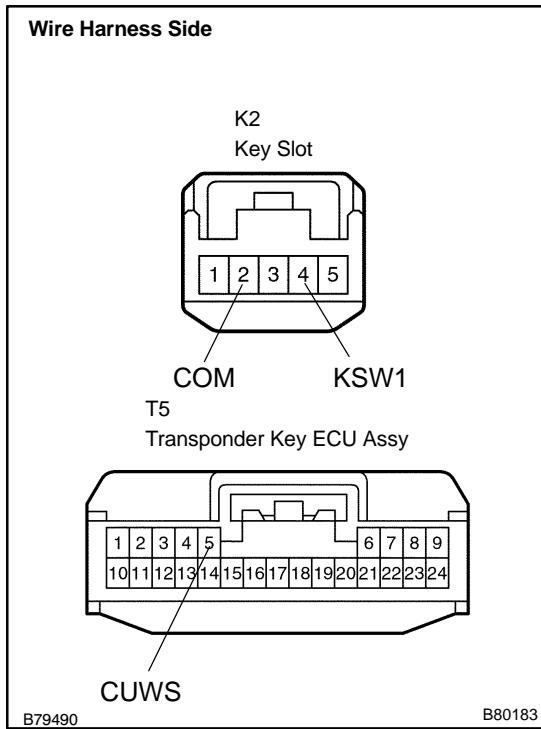
Standard:

Tester Condition	Switch Condition	Specified Condition
2 – 4	Key in key slot	Below 1 Ω
2 – 4	No key in key slot	10 kΩ or higher

NG → **REPLACE KEY SLOT**

OK

6 CHECK WIRE HARNESS (KEY SLOT – INSTRUMENT PANEL J/B ASSY AND BODY GROUND)



B79490

B80183

(a) Disconnect the K2 key slot and T5 ECU connectors.
 (b) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
K2-4 (KSW1) – T5-5 (CUWS)	Below 1 Ω
K2-2 (COM) – Body ground	10 kΩ or higher

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

OK

REPLACE TRANSPONDER KEY ECU ASSY