

## ON-VEHICLE INSPECTION

### 1. CHECK KEY REMINDER WARNING SYSTEM

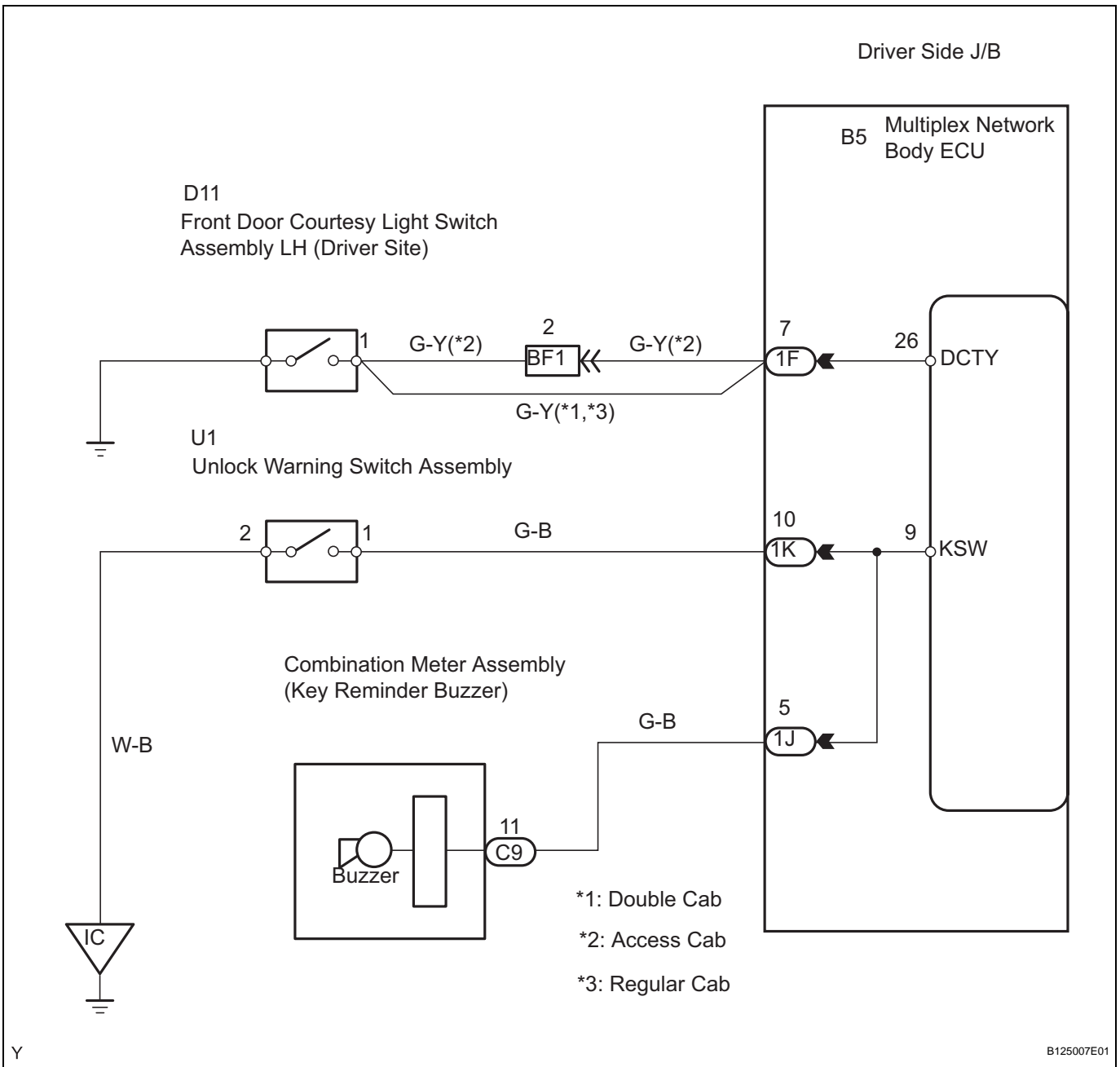
- (a) Check that the key reminder buzzer sounds.
  - (1) With the driver side door closed, insert the key into the ignition key cylinder and then turn the key to the LOCK or ACC position.
  - (2) Check that the buzzer sounds intermittently when the driver side door is open.
- (b) Check that the key reminder buzzer stops.
  - (1) Check that the buzzer stops sounding when any of the following operations is performed while the buzzer is sounding:
    - Close the driver side door (the front door courtesy light switch is off).
    - Turn the ignition switch ON.
    - Remove the key from the ignition key cylinder.

## Key Reminder Buzzer does not Sound

### DESCRIPTION

When the ignition switch is in the LOCK or ACC position, the key is in the ignition key cylinder and the driver side door is open, the key reminder buzzer sounds. The key reminder buzzer is activated when the multiplex network body ECU transmits a key switch signal and a driver side courtesy switch signal to the combination meter.

### WIRING DIAGRAM



**1 CHECK FRONT DOOR COURTESY LIGHT SWITCH ASSEMBLY (DRIVER SIDE)**

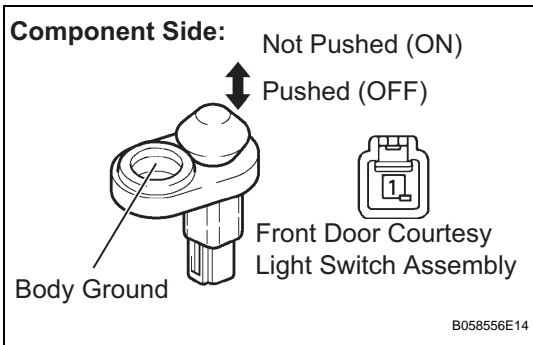
- (a) Move the room light switch to the DOOR position and open the driver side door. Then check that the room light turns ON.

**OK:**  
Room light turns ON.

**OK** → **Go to step 4**

**NG**

**2 INSPECT FRONT DOOR COURTESY LIGHT SWITCH ASSEMBLY (DRIVER SIDE)**



- (a) Remove the front door courtesy light switch assembly.
- (b) Measure the resistance of the switch.

**Standard Resistance**

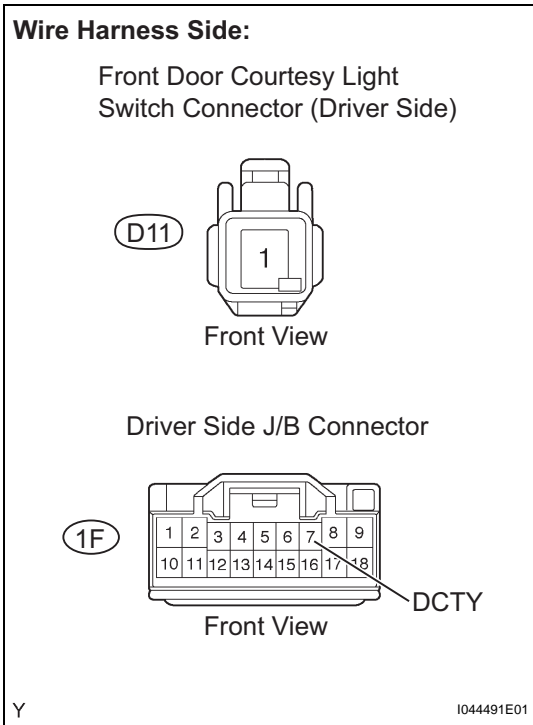
Tester Connection	Switch condition	Specified Condition
1 - Body ground	Not pushed (ON)	Below 1 Ω
1 - Body ground	Pushed (OFF)	10 kΩ or higher

- (c) Reinstall the front door courtesy light switch assembly.

**NG** → **REPLACE FRONT DOOR COURTESY LIGHT SWITCH ASSEMBLY (DRIVER SIDE)**

**OK**

**3 CHECK WIRE HARNESS (FRONT DOOR COURTESY LIGHT SWITCH ASSEMBLY LH - BODY ECU)**



- (a) Disconnect the D11 front door courtesy light switch assembly connector.
- (b) Disconnect the 1F driver side J/B connector.
- (c) Measure the resistance.

**Standard Resistance**

Tester Connection	Specified Condition
(D11-1) - DTCY (1F-7)	Below 1 Ω

- (d) Reconnect the front door courtesy light switch assembly connector.
- (e) Reconnect the driver side J/B connector.

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

OK

**4 CHECK BUZZER (COMBINATION METER)**

- (a) Check that the buzzer built into the combination meter sounds (See page [ME-21](#)).

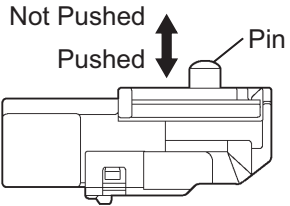
NG

**REPLACE COMBINATION METER ASSEMBLY**

OK

**5 INSPECT UNLOCK WARNING SWITCH ASSEMBLY**

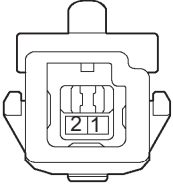
**Component Side:**



Not Pushed  
Pushed

Pin

Unlock Warning Switch Assembly  
(Driver Side)



Y

I044492E04

- (a) Remove the U1 unlock warning switch assembly.
- (b) Measure the resistance of the switch.

**Standard Resistance**

Tester Connection	Switch Condition	Specified Condition
1 - 2	Not pushed	10 Ω or higher
1 - 2	Pushed	Below 1 Ω

- (c) Reinstall the unlock of the switch assembly.

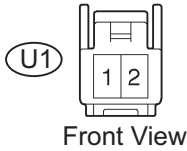
NG

**REPLACE UNLOCK WARNING SWITCH ASSEMBLY**

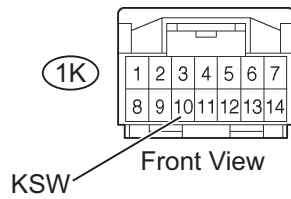
OK

**6 CHECK WIRE HARNESS (SWITCH (DRIVER SIDE) - ECU AND BODY GROUND)****Wire Harness Side:**

Unlock Warning Switch Connector  
(Driver Side)



Driver Side J/B Connector



Y

1044490E01

- (a) Disconnect the U1 unlock warning switch assembly connector.
- (b) Disconnect the 1K driver side J/B connector.
- (c) Measure the resistance of the wire harness side connectors.

**Standard Resistance**

Tester Connection	Specified Condition
(U1-1) - KSW (1K-10)	Below 1 $\Omega$
(U1-2) - Body ground	Below 1 $\Omega$

- (d) Reconnect the unlock warning switch assembly connector.
- (e) Reconnect the driver side J/B connector.

**NG****REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****REPLACE DRIVER SIDE JUNCTION BLOCK (MULTIPLEX NETWORK BODY ECU)**