

## No Answer-Back (Hazard Warning Light and Wireless Door Lock Buzzer)

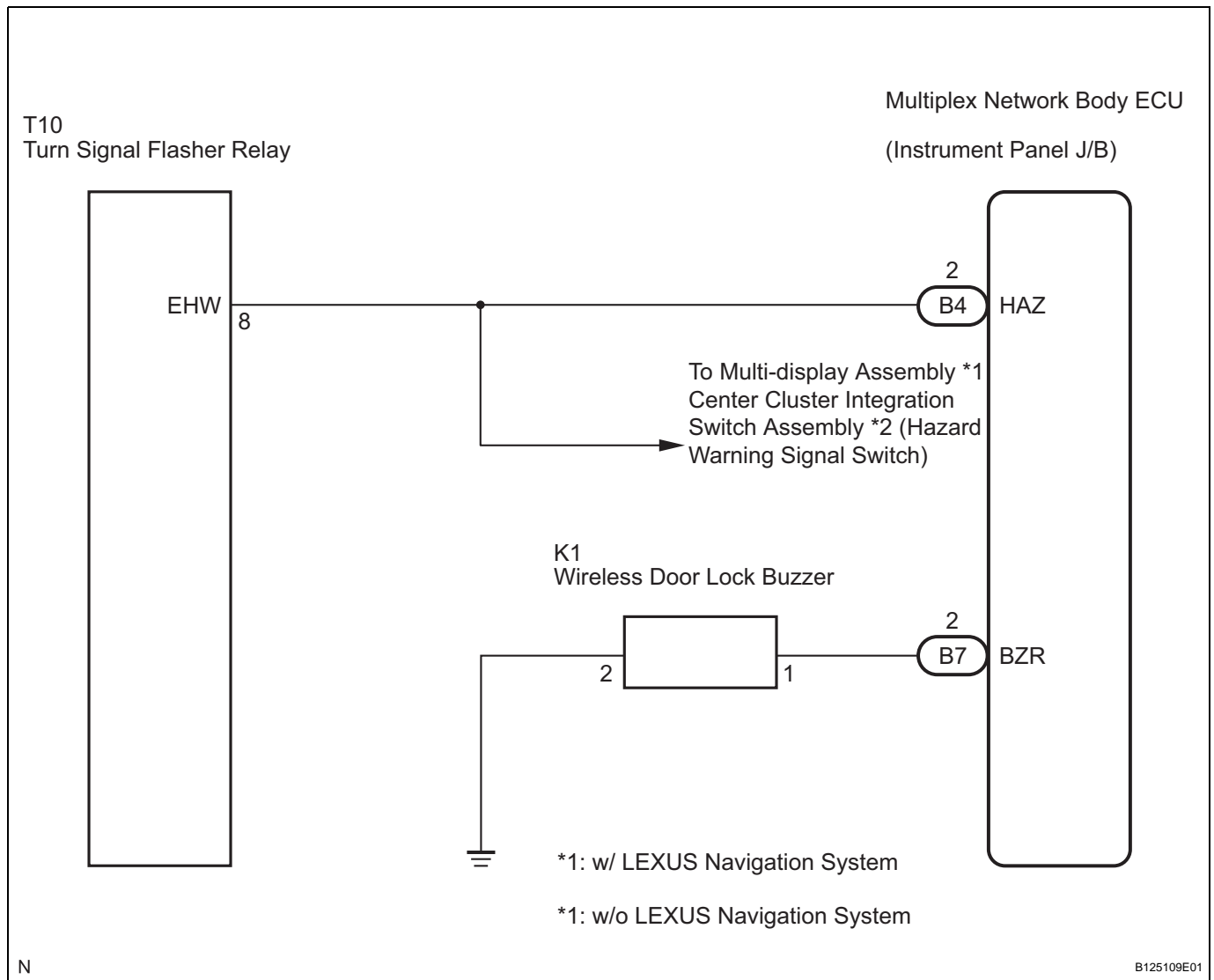
### DESCRIPTION

If there is no answer-back of the hazard warning lights and wireless door lock buzzer while the wireless control function is operating normally, the hazard light signal and the wireless door lock buzzer signal output from the multiplex network body ECU may be malfunctioning.

### NOTICE:

Confirm that the answer-back function has been switched on as a result of customization before starting troubleshooting.

### WIRING DIAGRAM



1

### CHECK WIRELESS DOOR LOCK FUNCTION

- (a) Check that the wireless door lock functions operate when the transmitter is used (See page [DL-63](#)).

## Result

| Condition  | Proceed To   |
|--|--|
| Wireless door lock functions operate normally but hazard warning light answer-back does not occur      | A  |
| Wireless door lock functions operate normally but wireless door lock buzzer answer-back does not occur | B  |
| Wireless door lock functions do not operate  | Go to "Only Wireless Control Function is Inoperative" (See page DL-84) |

B

Go to step 4

A

2

## PERFORM ACTIVE TEST BY INTELLIGENT TESTER (HAZARD WARNING LIGHT)

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to the ON position and turn the intelligent tester main switch on.
- (c) Select the ACTIVE TEST mode on the intelligent tester.

## BODY:

| Item (Display) | Vehicle Condition / Test Details             | Diagnostic Note  |
|----------------|--|--|
| HAZARD         | Turns the turn signal flasher relay ON / OFF | Observe headlight and rear combination light for correct operation |

- (d) Check that "ON" and "OFF" of the hazard warning lights on the headlight and rear combination light turn on and off when the intelligent tester is used.

OK:

The hazard warning lights turn on or off in accordance with commands of the intelligent tester.

NG

Go to step 3

OK

REPLACE INSTRUMENT PANEL J/B

3

## CHECK HAZARD WARNING LIGHTS

- (a) Check that the hazard warning lights flash continuously when the hazard warning light switch is pressed.

OK:

Hazard warning lights flash continuously.

NG

INSPECT LIGHTING SYSTEM

OK

REPLACE INSTRUMENT PANEL J/B

**4 PERFORM ACTIVE TEST BY INTELLIGENT TESTER (WIRELESS DOOR LOCK BUZZER)**

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to the ON position and turn the intelligent tester main switch on.
- (c) Select the ACTIVE TEST mode on the intelligent tester.

**BODY:**

| Item (Display)  | Vehicle Condition / Test Details         | Diagnostic Note     |
|-----------------|--|---------------------|
| BUZZ RESP SOUND | Turns wireless door lock buzzer ON / OFF | Buzzer can be heard |

- (d) Check that the buzzer sounds/stops when turning the wireless door lock buzzer on/off by using the intelligent tester.

**Result**

| Condition                                  | Proceed To |
|--|------------|
| Buzzer sounds/stops                        | A          |
| Buzzer does not sound or sounds constantly | B          |

**B** → **Go to step 5**

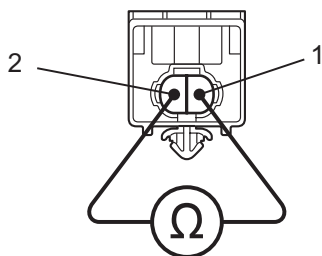
**A**

**REPLACE INSTRUMENT PANEL J/B**

**DL**

**5 INSPECT WIRELESS DOOR LOCK BUZZER**

Wireless Door Lock Buzzer:



N

B110079E04

- (a) Disconnect the wireless door lock buzzer connector.
- (b) Measure the resistance according to the value(s) in the table below.

**HINT:**

The buzzer circuit is built into the ECU, not into the buzzer itself. When battery voltage is applied directly to the buzzer, the buzzer does not sound.

**Resistance**

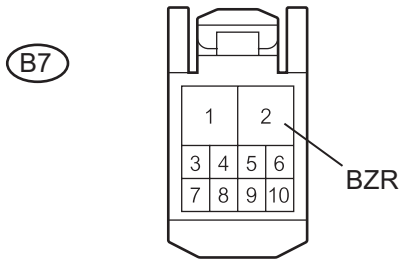
| Tester Connection | Condition | Specified Condition |
|-------------------|-----------|---------------------|
| 1 - 2             | Always    | Approx. 1 kΩ        |

**NG** → **REPLACE WIRELESS DOOR LOCK BUZZER**

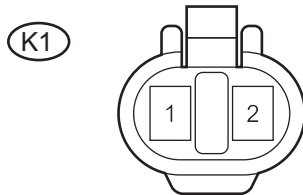
**OK**

## 6 CHECK HARNESS AND CONNECTOR (MULTIPLEX NETWORK BODY ECU - WIRELESS DOOR LOCK BUZZER)

Multiplex Network Body ECU (Wire Harness Side) Connector Front View:



Wireless Door Lock Buzzer (Wire Harness Side) Connector Front View:



H

B110080E03

- Disconnect the multiplex network body ECU (B7) connector.
- Measure the resistance according to the value(s) in the table below.

### Resistance

| Tester Connection        | Condition | Specified Condition     |
|--------------------------|-----------|-------------------------|
| B7-2 (BZR) - K1-1        | Always    | Below 1 $\Omega$        |
| B7-2 (BZR) - Body ground | Always    | 10 k $\Omega$ or higher |
| K1-2 - Body ground       | Always    | Below 1 $\Omega$        |

**NG**

**REPAIR OR REPLACE HARNESS OR CONNECTOR**

**OK**

**REPLACE INSTRUMENT PANEL J/B**