No Answer-Back

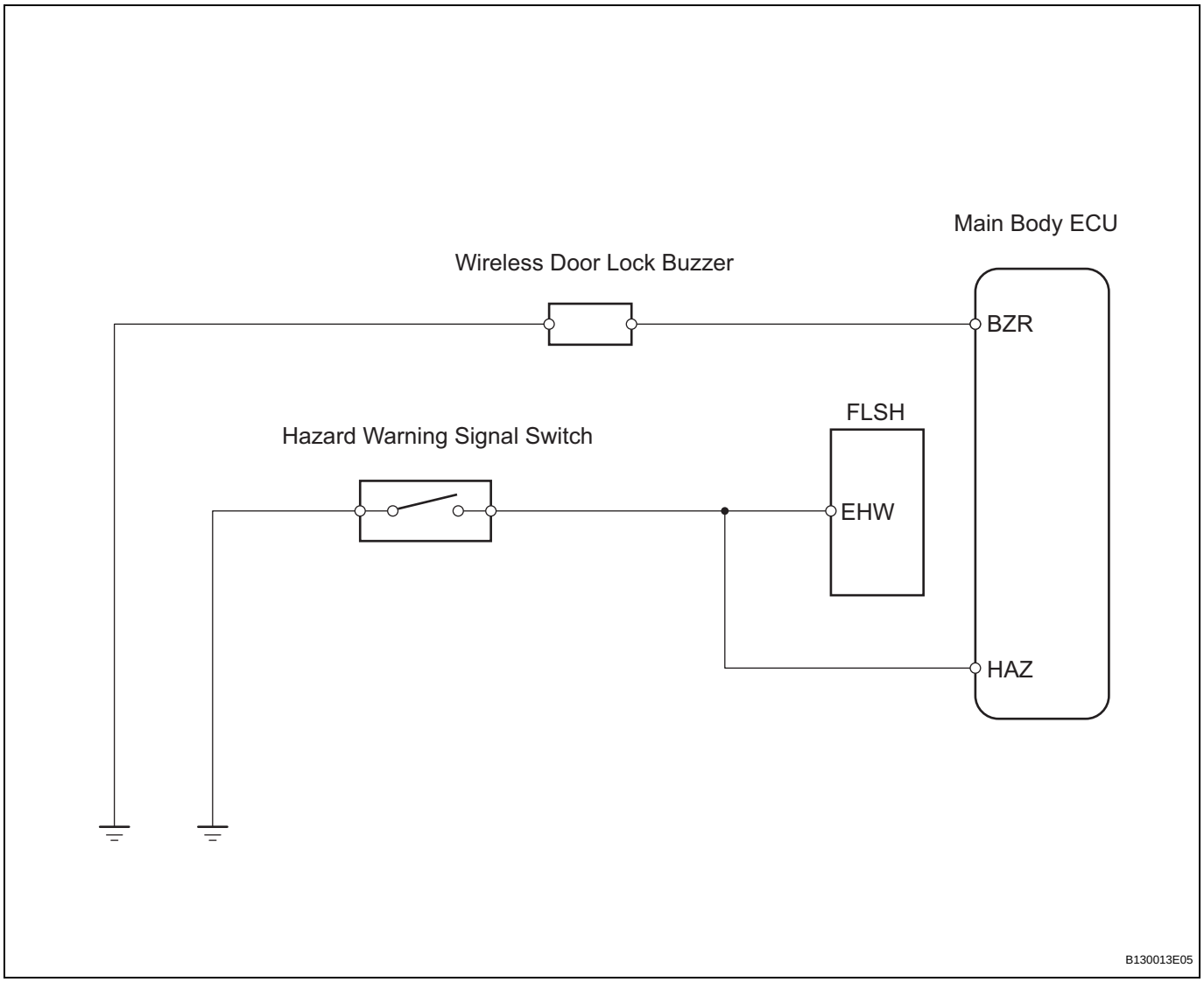
DESCRIPTION

In some cases, wireless door lock control functions are normal but the hazard warning lights and / or wireless door lock buzzer answer-back function(s) is not operate. In such cases, the main body ECU's hazard warning lights and wireless door lock buzzer signal outputs may be malfunctioning.

NOTICE:

Troubleshooting should be started after confirming that the customize status of the answer-back function has been switched ON.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK WIRELESS DOOR LOCK CONTROL FUNCTION

(a) Check the wireless door lock control functions by operating the transmitter switch.

Result:

Result	Proceed to
Wireless door lock functions are normal but hazard warning lights answer-back does not occur	A
Wireless door lock functions are normal but wireless door lock buzzer answer-back does not occur	B
Doors cannot be locked and unlocked with transmitter	C

B → **Go to step 4**

C → **Go to FLOWCHART**

A

2 PERFORM ACTIVE TEST BY INTELLIGENT TESTER (FLSH RELAY)

(a) Select the ACTIVE TEST, use the intelligent tester to generate a control command, and then check that the hazard warning lights flash.

Main body ECU:

Item	Test Details	Diagnostic Note
HAZARD	Turns FLSH relay ON / OFF	-

OK:

Hazard warning lights are turned ON / OFF.

OK → **REPLACE INSTRUMENT PANEL JUNCTION BLOCK (MAIN BODY ECU)**

NG

3 CHECK HAZARD WARNING LIGHT

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

OK:

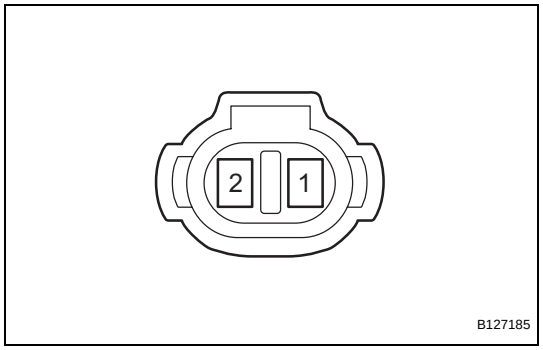
Hazard warning lights flash continuously.

NG → **Go to LIGHTING SYSTEM**

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK (MAIN BODY ECU)

4	INSPECT WIRELESS DOOR LOCK BUZZER

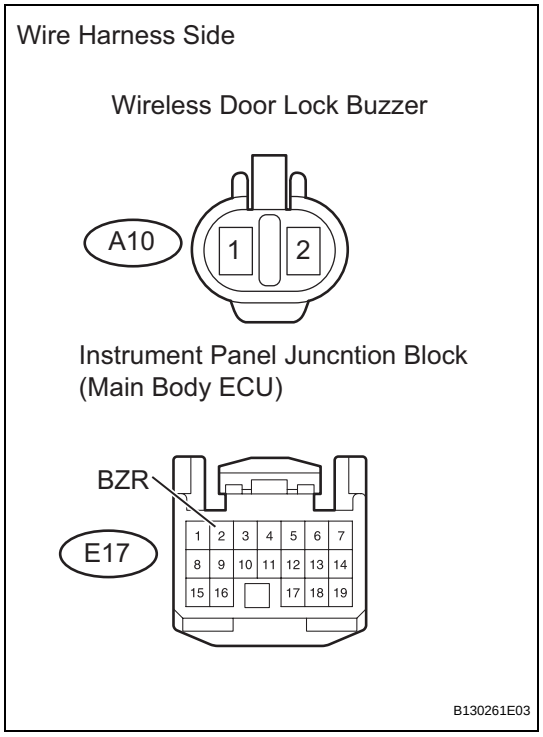


(a) Measure the resistance between terminals 1 and 2 of the buzzer.
Standard resistance:
Approximately 1 kΩ
NOTICE:
- **The buzzer circuit is built into the body ECU, not into the buzzer itself.**
- **When battery voltage is directly applied to the buzzer, the buzzer does not sound.**

NG → **REPLACE WIRELESS DOOR LOCK BUZZER**

OK

5	CHECK WIRE HARNESS (WIRELESS DOOR LOCK BUZZER - MAIN BODY ECU AND BODY GROUND)



(a) Disconnect the A10 buzzer connector.
(b) Disconnect the E17 ECU connector.
(c) Measure the resistance of the wire harness side connectors.
Standard resistance

Tester Connection	Specified Condition
A10-1 - E17-2 (BZR)	Below 1 Ω
A10-2 - Body ground	
A10-1 or E17-2 (BZR) - Body ground	10 kΩ or higher

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

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK (MAIN BODY ECU)

DL