WIRELESS DOOR LOCK BUZZER CIRCUIT

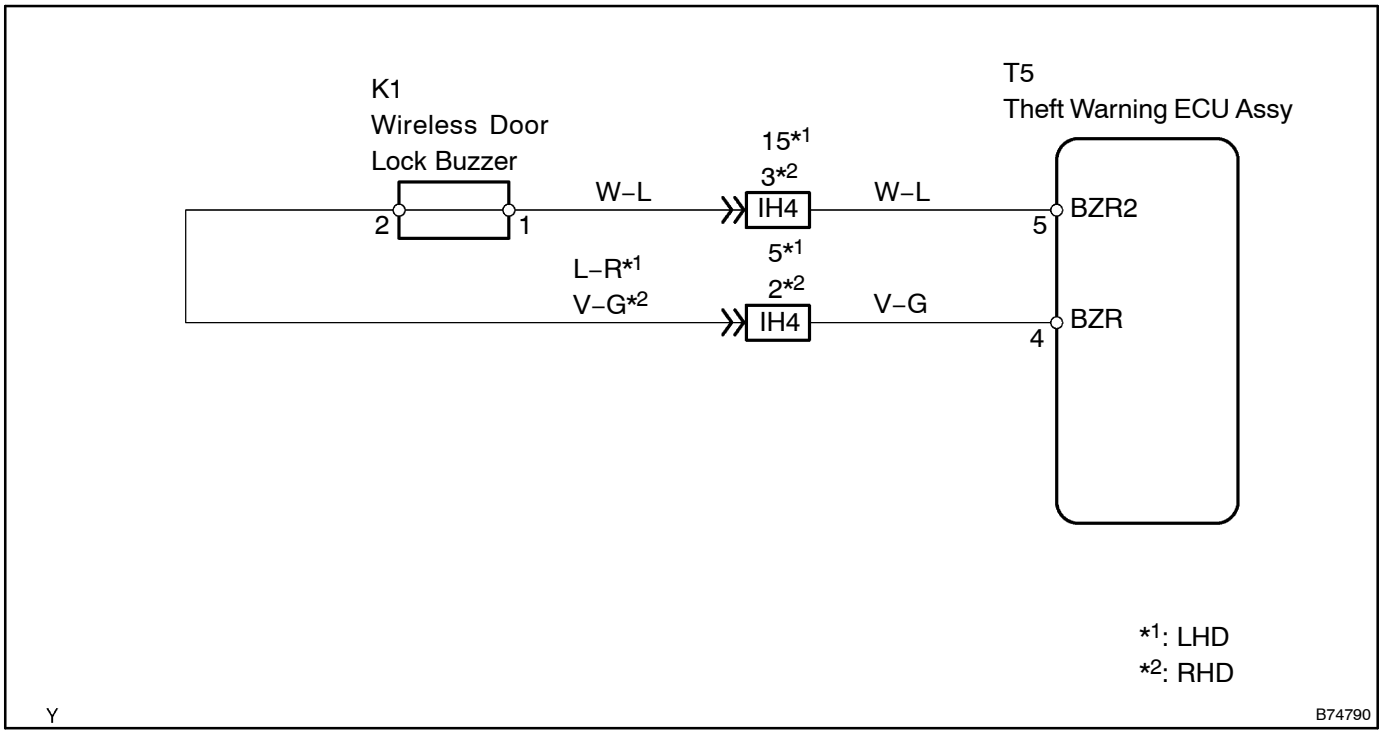
CIRCUIT DESCRIPTION

When the answer–back function does not operate even though the wireless door LOCK/UNLOCK function is operating, the theft warning ECU's (theft deterrent ECU's) wireless door lock buzzer outputs may be abnormal.

NOTICE:

Before troubleshooting, confirm that the ON/OFF switch is not set to OFF and that the wireless buzzer volume is not OFF.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	PERFORM ACTIVE TEST USING INTELLIGENT TESTER II

(a) Connect the intelligent tester II to DLC3.
(b) Turn the ignition switch ON.
(c) Perform the ACTIVE TEST according to the display on the tester.
OK: Wireless buzzer is operating (sounding) normally.

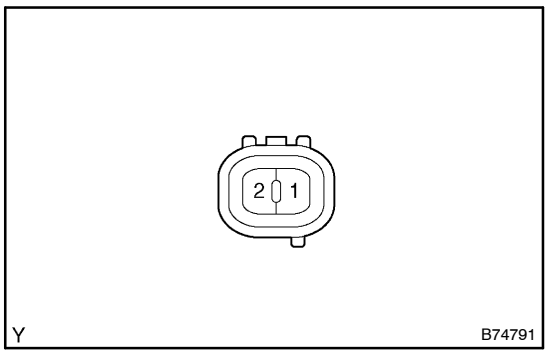
Item	Test Detail	Diagnostic Note
Buzz Resp Sound	Turns wireless buzzer ON/OFF	–

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(See page 05–2876)

2	INSPECT WIRELESS DOOR LOCK BUZZER



(a) Measure the resistance between terminals 1 and 3 of the buzzer.
Standard: Approximately 1 kΩ

NOTICE:
- **The buzzer circuit is built into the theft warning 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**

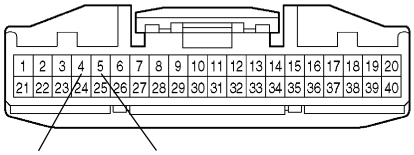
OK

3	CHECK WIRE HARNESS (WIRELESS DOOR LOCK BUZZER – THEFT WARNING ECU ASSY)

Wire Harness Side

K1
Wireless Door Lock Buzzer

T5
Theft Warning ECU Assy



BZR BZR2

Y B74792

(a) Disconnect the K1 buzzer connector.
(b) Disconnect the T5 ECU connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
K1–1 – T5–5 (BZR2)	Below 1 Ω
K1–2 – T5–4 (BZR)	Below 1 Ω

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

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(See page 05–2852)