

NO ANSWER-BACK (HAZARD WARNING LAMP AND WIRELESS DOOR LOCK BUZZER)

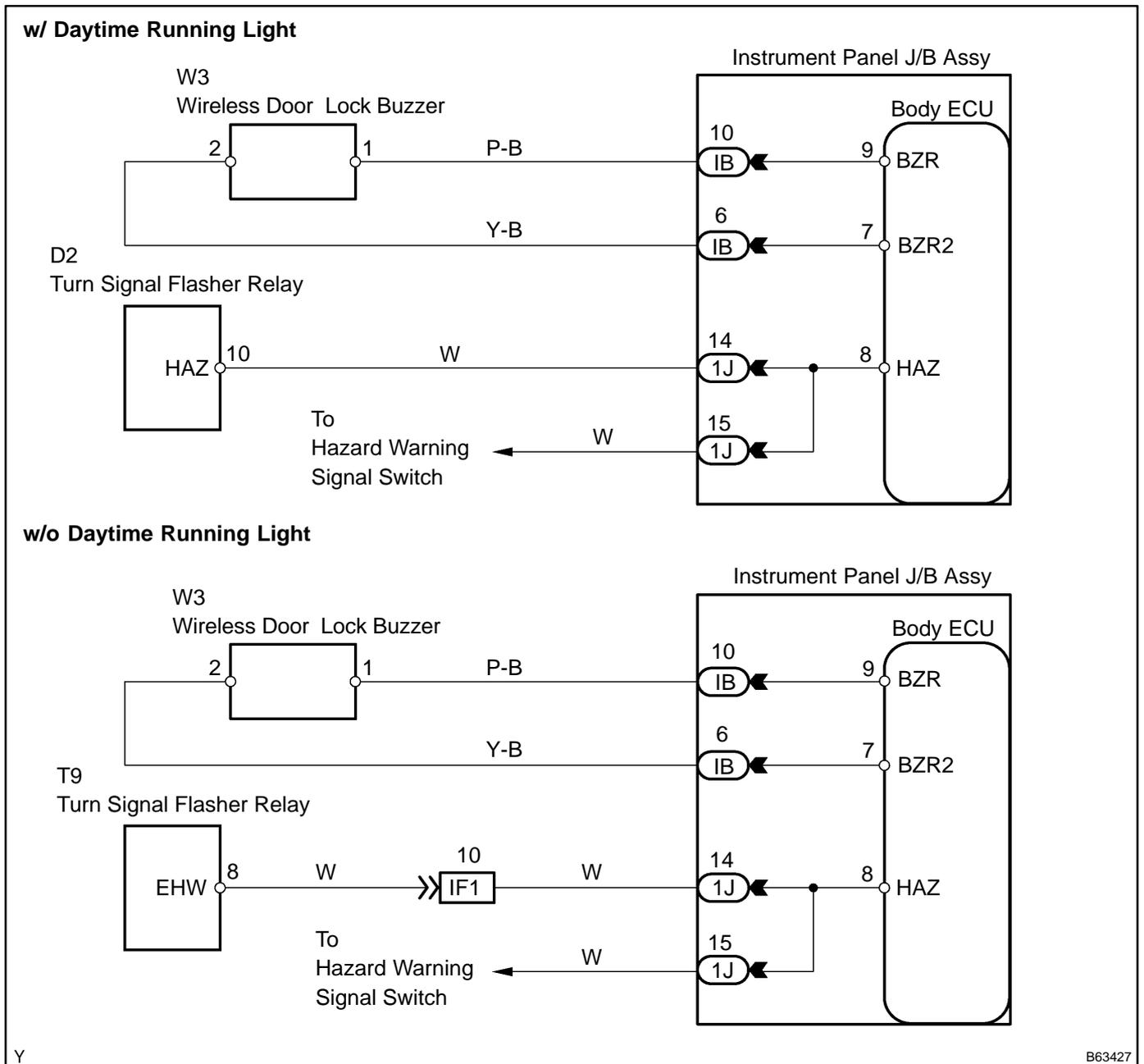
CIRCUIT DESCRIPTION

If there is no answer-back in spite of the fact that the wireless door lock and unlock function is operating, there might be an abnormality in the outputs of the hazard lamp signal from the body ECU and also in the outputs of the wireless door lock buzzer.

NOTICE:

The troubleshooting should be started after the confirmation that the hazard answer-back function is customized.

WIRING DIAGRAM



Y

B63427

INSPECTION PROCEDURE

When using hand-held tester:

1 CHECK WIRELESS DOOR LOCK FUNCTIONS

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

HINT:

When the wireless door LOCK/UNLOCK operation can be performed, it means that the wireless instruction from the transmitter is properly input to the body ECU.

NG

GO TO FLOW CHART (See page 05-1 193)

OK

2 PERFORM ACTIVE TEST BY HAND-HELD TESTER

- (a) Connect the hand-held tester to the DLC3.
 (b) Turn the ignition switch ON and push the hand-held tester main switch ON.
 (c) Select the item "HAZARD" in the ACTIVE TEST and check the turn signal flasher relay ON/OFF.
 (d) Select the item "BUZZ CONT SOUND" or "BUZZ RESP SOUND" in the ACTIVE TEST and check the wireless buzzer ON/OFF.

HINT:

- In case of no wireless buzzer ON/OFF, go to step A.
- In case of no hazard light flasher relay (turn signal flasher assy) ON/OFF, go to step B.
- In case of hazard light flasher relay (turn signal flasher assy) ON/OFF and wireless buzzer ON/OFF, go to step C.

A

Go to step 4

C

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY

B

3 CHECK OUTPUTS OF HAZARD WARNING LAMPS

(a) Check that the hazard warning lamps are blinking when the hazard warning signal switch is pressed.

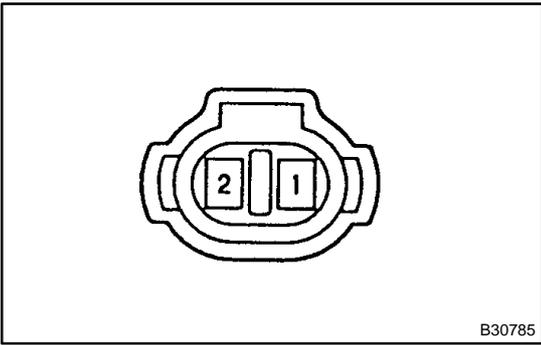
NG

GO TO LIGHTING SYSTEM

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY

4 INSPECT WIRELESS DOOR LOCK BUZZER



(a) Check the continuity.

NOTICE:

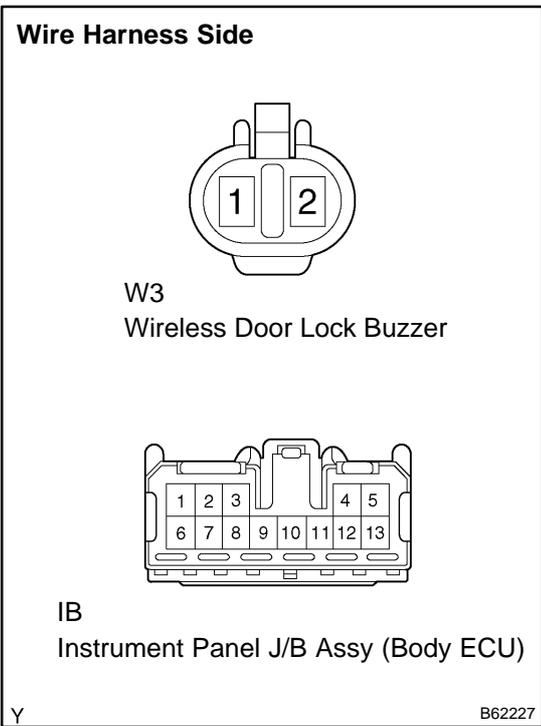
- The buzzer circuit is built in the body ECU but not in the buzzer itself.
 - If applying the battery voltage directly to the buzzer, the buzzer does not sound.
- (1) Check the resistance between terminals 1 and 2 of the buzzer.

Standard: Approximately 1 kΩ

NG → **REPLACE WIRELESS DOOR LOCK BUZZER**

OK

5 CHECK WIRE HARNESS (BUZZER ↔ INSTRUMENT PANEL J/B ASSY)



- (a) Disconnect the W3 wireless buzzer connector.
 (b) Disconnect the IB instrument panel J/B connector.
 (c) Check the continuity between the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Specified Condition
W3-1 ↔ BZR (IB-10)	Continuity
W3-2 ↔ BZR2 (IB-6)	Continuity

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

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY

When not using hand-held tester:**1 CHECK WIRELESS DOOR LOCK FUNCTIONS**

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

HINT:

When the wireless door LOCK/UNLOCK operation can be performed, it means that the wireless instruction from the transmitter is properly input to the body ECU.

HINT:

- In case of wireless door lock functions is OK, but no answer-back (wireless door lock buzzer), go to step A.
- In case of wireless door lock functions is OK, but no answer-back (hazard warning lamps), go to step B.
- In case of wireless door lock functions is NG, go to step C.

A → Go to step 3

C → GO TO FLOW CHART (See page 05-1 193)

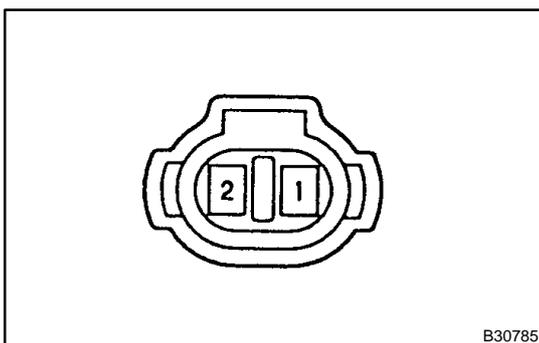
B

2 CHECK OUTPUTS OF HAZARD WARNING LAMPS

(a) Check that the hazard warning lamps are blinking when the hazard warning signal switch is pressed.

NG → GO TO LIGHTING SYSTEM

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY**3 INSPECT WIRELESS DOOR LOCK BUZZER**

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(a) Check the continuity.

NOTICE:

- The buzzer circuit is built in the body ECU but not in the buzzer itself.
- If applying the battery voltage directly to the buzzer, the buzzer does not sound.

(1) Check the resistance between terminals 1 and 2 of the buzzer.

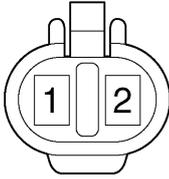
Standard: Approximately 1 kΩ

NG → REPLACE WIRELESS DOOR LOCK BUZZER

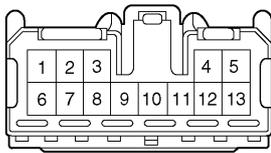
OK

4 CHECK WIRE HARNESS (BUZZER ↔ INSTRUMENT PANEL J/B ASSY)

Wire Harness Side



W3
Wireless Door Lock Buzzer



IB
Instrument Panel J/B Assy (Body ECU)

Y

B62227

- (a) Disconnect the W3 wireless buzzer connector.
- (b) Disconnect the IB instrument panel J/B connector.
- (c) Check the continuity between the wire harness side connectors.

Standard:

Symbols (Terminal No.)	Specified Condition
W3-1 ↔ BZR (IB-10)	Continuity
W3-2 ↔ BZR2 (IB-6)	Continuity

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK ASSY