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

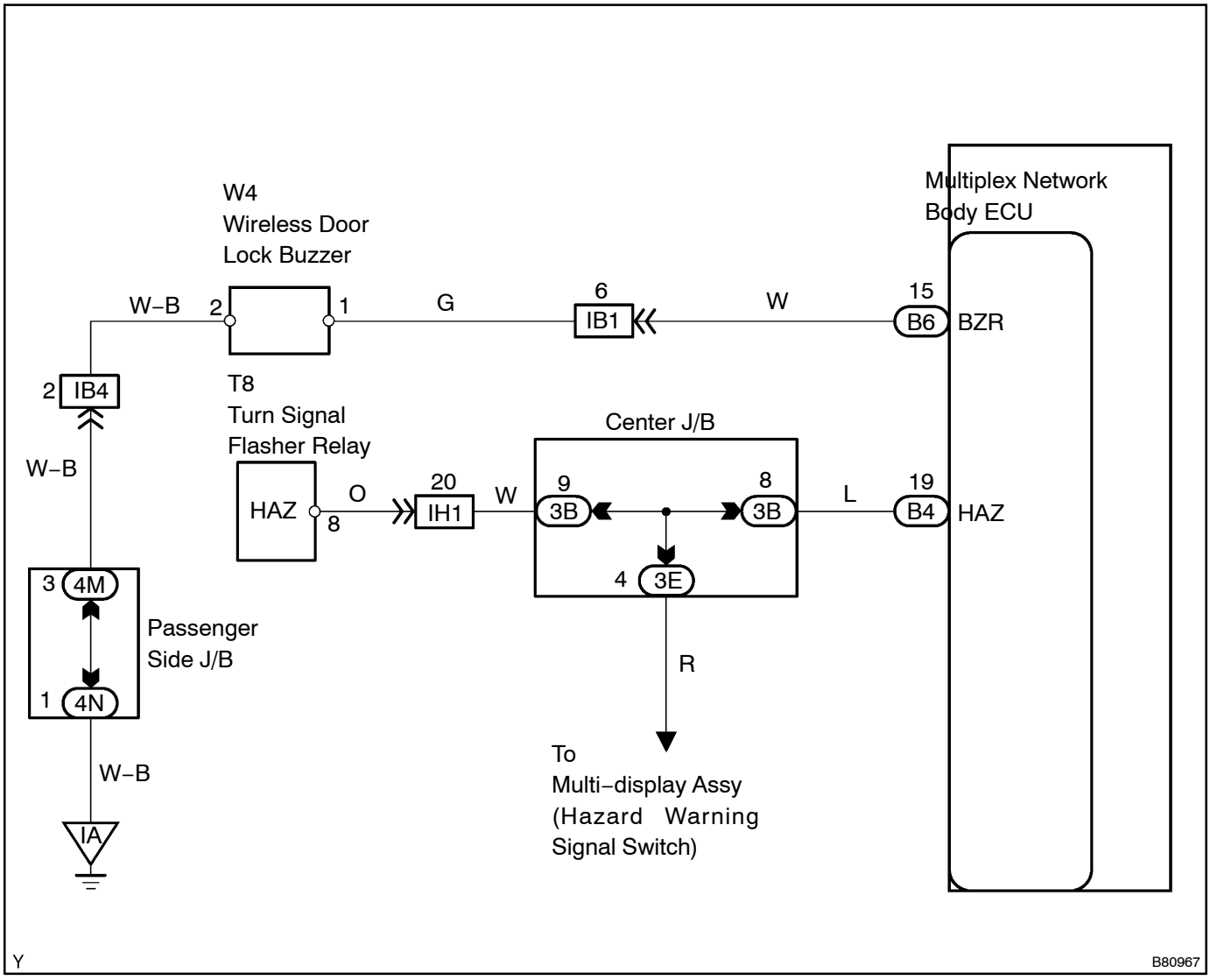
CIRCUIT DESCRIPTION

If there is no answer–back of the hazard warning lamps and the wireless door lock buzzer although the wireless control function is operating normally, the hazard warning lamp signal and the wireless door lock buzzer signal output from the multiplex network body ECU may be malfunctioning.

NOTICE:

Troubleshooting should be started after confirming that the answer–back function has been switched ON through customization.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK WIRELESS DOOR LOCK FUNCTIONS

(a) Check if the wireless door lock functions by operating the transmitter switch.
  (1) If the functions work normally:
    • With the hand–held tester, go to step A.
    • Without the hand–held tester and hazard warning lamps flashing, go to step B.
    • Without the hand–held tester and buzzer sounding, go to step C.
  (2) If the functions are not normal, go to step D.

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

B → **Go to step 3**

C → **Go to step 4**

D → **Go to FLOW CHART (See page 05–1050)**

A

2	PERFORM ACTIVE TEST USING HAND–HELD TESTER

(a) Select the ACTIVE TEST, use the hand–held tester to generate a control command, and then check that the hazard lamps flash and the wireless buzzer sounds.
Multiplex network body ECU:

Item	Test Detail	Diagnostic Note
HAZARD	Turns turn signal flasher relay ON/OFF	–
BUZZ RESP SOUND	Turns wireless buzzer ON/OFF	–

Result:
- If turn signal flasher relay does not turn ON/OFF, go to step A.
- If wireless buzzer does not turn ON/OFF, go to step B.
- If turn signal flasher assy and wireless buzzer both turn ON/OFF, go to step C.

B → **Go to step 4**

C → **REPLACE MULTIPLEX NETWORK BODY ECU**

A

3	CHECK HAZARD WARNING LAMPS

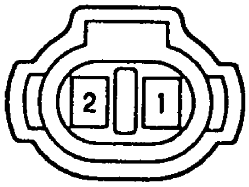
(a) Check that the hazard warning lamps blink when the hazard warning signal switch is pressed.

NG → **Go to LIGHTING SYSTEM (See page 05–751)**

OK

REPLACE MULTIPLEX NETWORK BODY ECU

4	INSPECT WIRELESS DOOR LOCK BUZZER



B30785

(a) Measure the resistance of the buzzer terminals.

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.**

Standard:

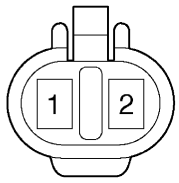
Tester Connection	Specified Condition
1 – 2	Approx. 1 kΩ

NG → **REPLACE WIRELESS DOOR LOCK BUZZER**

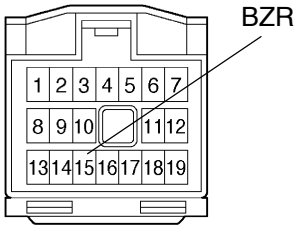
OK

5	CHECK WIRE HARNESS (WIRELESS DOOR LOCK BUZZER – MULTIPLEX NETWORK BODY ECU AND BODY GROUND)

Wire Harness Side



W4
Wireless Door Lock Buzzer



B6
Multiplex Network Body ECU

Y

B80966

(a) Disconnect the W4 buzzer connector.
(b) Disconnect the B6 ECU connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
W4–1 – B6–15 (BZR)	Below 1 Ω
W4–2 – Body ground	Below 1 Ω

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

OK

REPLACE MULTIPLEX NETWORK BODY ECU