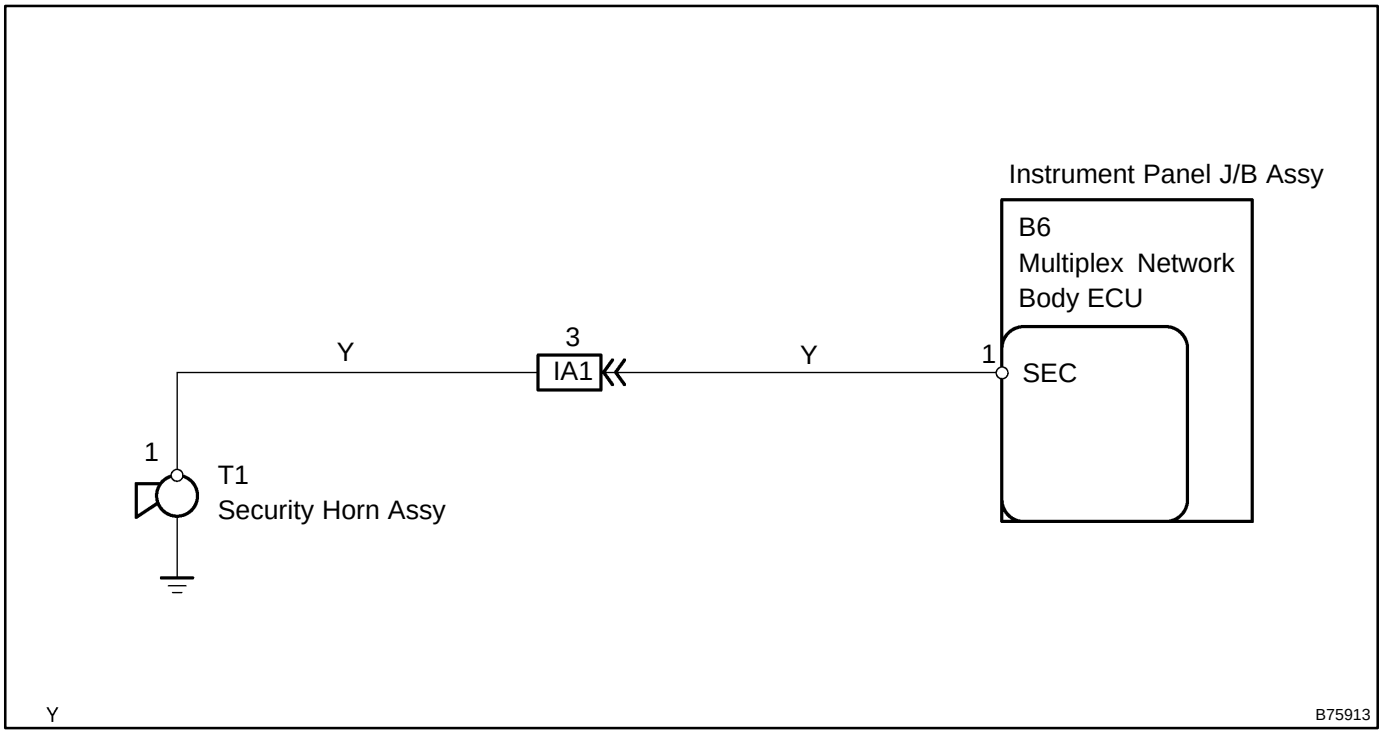
SECURITY HORN CIRCUIT

CIRCUIT DESCRIPTION

When the theft deterrent system is operating, a relay in the multiplex network body ECU turns ON and OFF continuously at 0.2 seconds intervals, causing the security horn to sound.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	PERFORM ACTIVE TEST USING HAND–HELD TESTER

(a) Connect the hand–held tester (with CAN VIM) to the DLC3.
(b) Turn the power switch ON (IG) and press the hand–held tester main switch ON.
(c) Select the item below in the ACTIVE TEST and then check that the horn operates.
Multiplex network body ECU:

Item	Tester Detail	Diagnostic Note
SECURITY HORN	Security horn ON/OFF	–

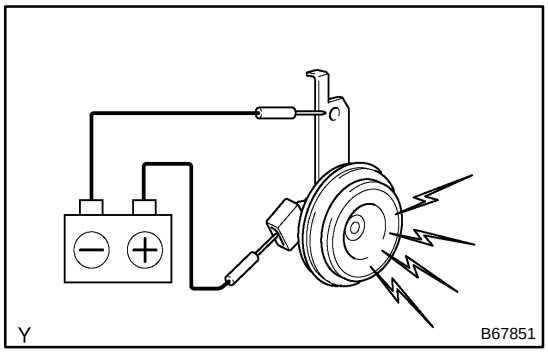
OK: Security horn sounds normally.

NG → **Go to step 2**

OK

REPLACE INSTRUMENT PANEL J/B ASSY

2 INSPECT SECURITY HORN ASSY



(a) Check operation of the horn.
OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal 1 Battery negative (–) → Horn bracket	Horn sounds

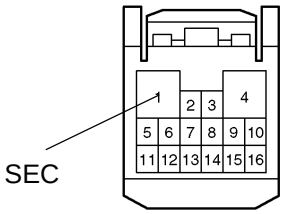
NG → **REPAIR OR REPLACE SECURITY HORN ASSY**

OK

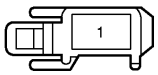
3 CHECK WIRE HARNESS (MULTIPLEX NETWORK BODY ECU – SECURITY HORN ASSY)

Wire Harness Side

B6
Multiplex Network Body ECU



T1
Security Horn Assy



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(a) Disconnect the B6 ECU connector.
(b) Disconnect the T1 horn connector.
(c) Measure the resistance of the wire harness side connectors.
Standard:

Tester Connection	Specified Condition
B6–1 (SEC) – T1–1	Below 1 Ω
B6–1 (SEC) – Body ground	10 kΩ or higher

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

OK

REPLACE INSTRUMENT PANEL J/B ASSY