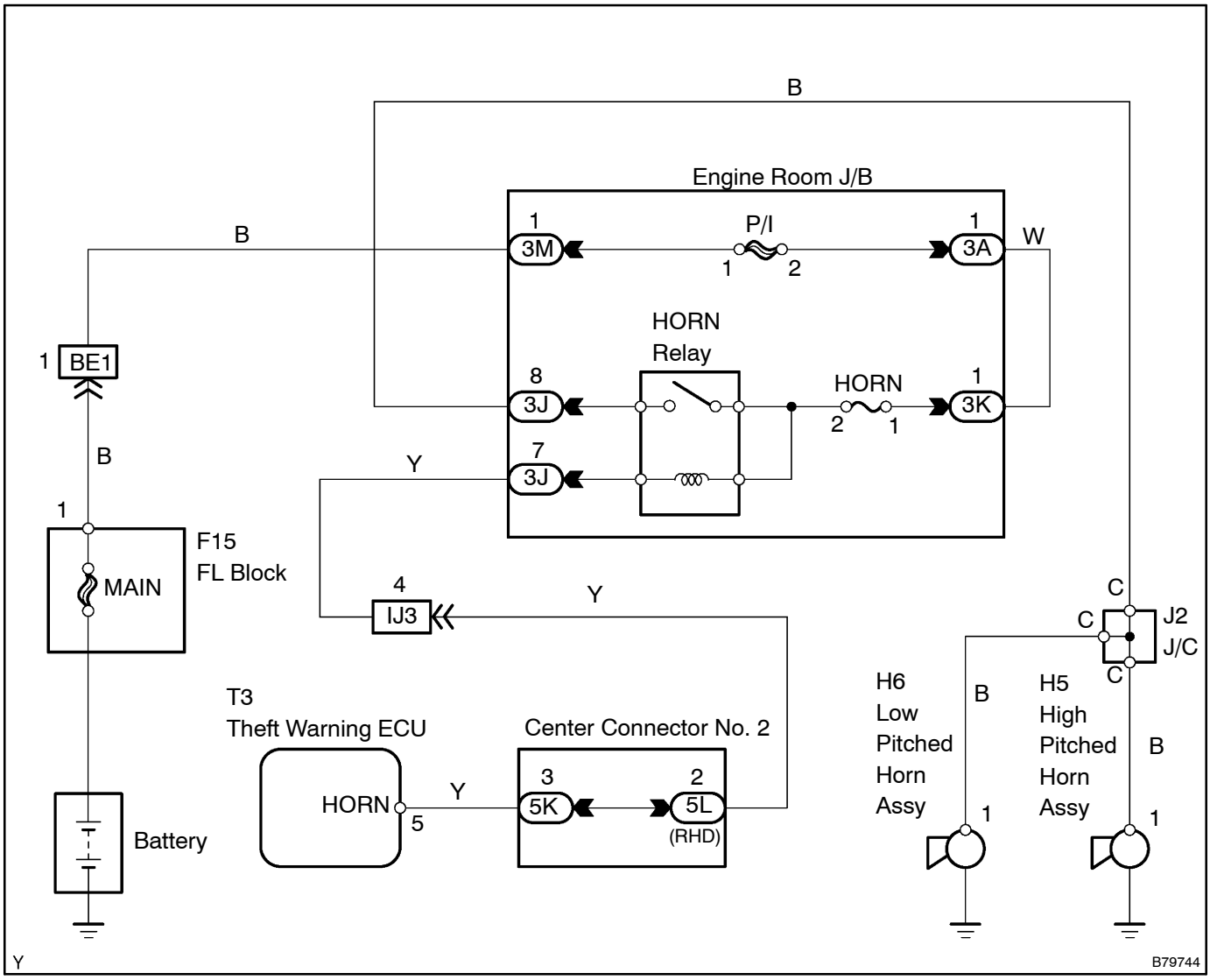
HORN CIRCUIT

CIRCUIT DESCRIPTION

When the theft deterrent system is switched from the armed state to the alarm sounding state, the multiplex network body ECU turns on the HORN relay, causing the horn to sound at intervals of 0.4 seconds.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	PERFORM ACTIVE TEST USING INTELLIGENT TESTER II

(a) Connect the intelligent tester II to the DLC3.
(b) Turn the power switch ON (IG) and press the intelligent tester II main switch ON.
(c) Select the item below in the ACTIVE TEST and then check that the horn operates.
Theft warning ECU:

Item	Test Details	Diagnostic Note
Security horn 2	Sounds / Stops	–

OK: Vehicle horn sounds normally.

NG → **Go to step 2**

OK

REPLACE THEFT WARNING ECU

2	INSPECT FUSE (HORN)

(a) Remove the HORN fuse from the engine room J/B.
(b) Measure the resistance.
Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

3	CHECK HORN ASSY

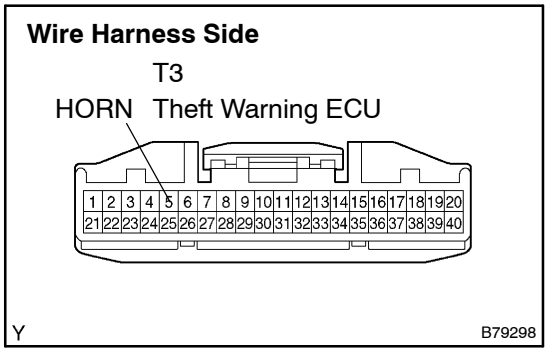
(a) Press the horn switch and check that the horn sounds.
(1) If the horn sounds, proceed to A.
(2) If the horn does not sound, proceed to B.

B → **Go to step 4**

A

REPLACE THEFT WARNING ECU

4 CHECK WIRE HARNESS (POWER SOURCE)



(a) Disconnect the T3 ECU connector.
(b) Measure the voltage between the wire harness side connector and body ground.

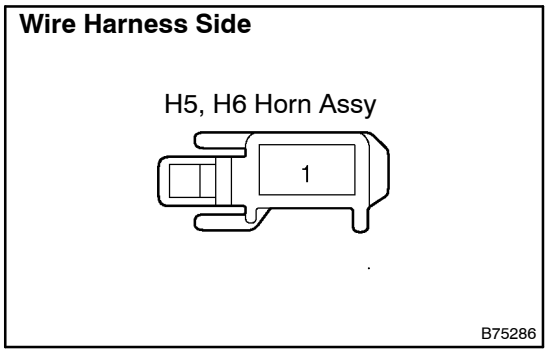
Standard:

Tester Connection	Condition	Specified Condition
T3 – 5 (HORN) – Body ground	Constant	10 to 14 V

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

OK

5 CHECK WIRE HARNESS



(a) Disconnect the H5 and H6 connectors.
(b) Measure the voltage between the wire harness side connector and body ground.

Standard:

Tester Connection	Switch Condition	Specified Condition
H5–1 – Body ground	Horn switch pressed	10 to 14 V
H6–1 – Body ground	Horn switch not pressed	10 to 14 V

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

OK

REPLACE HORN ASSY