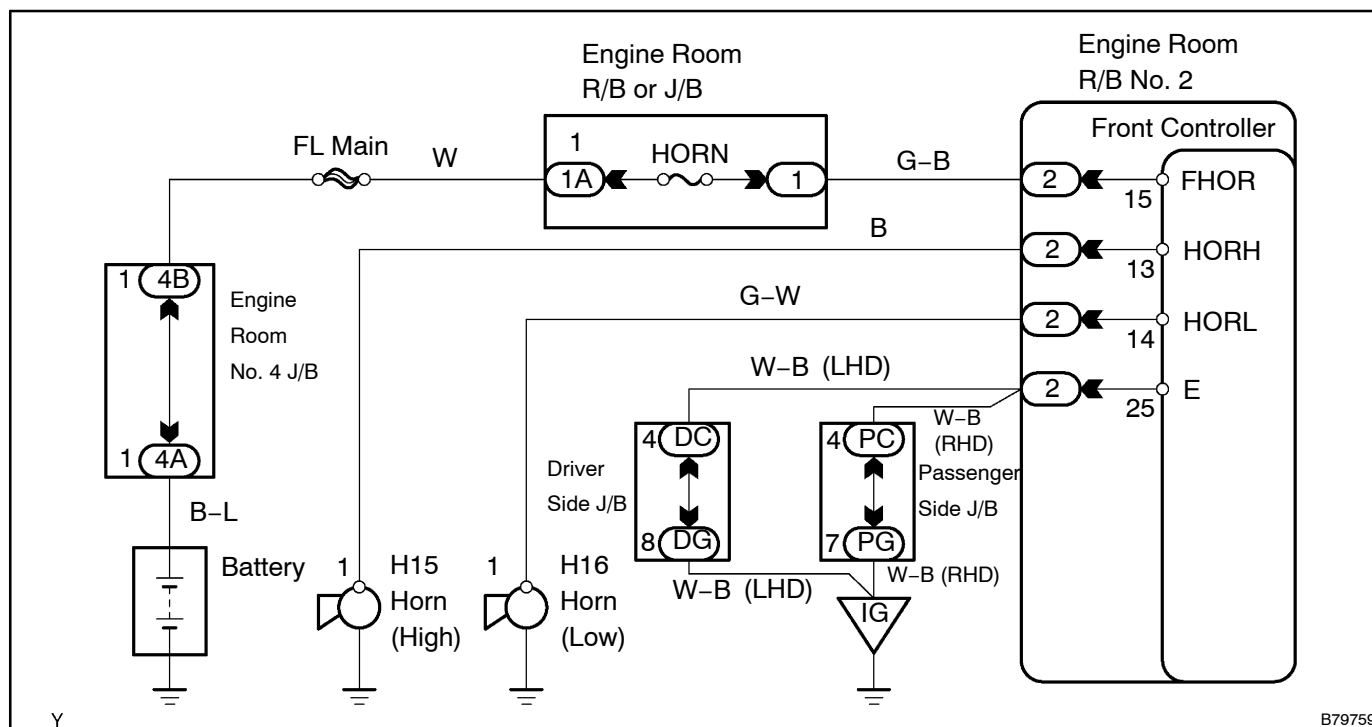


HORN CIRCUIT

CIRCUIT DESCRIPTION

When the theft deterrent system is switched from the armed state to the alarm sounding state, the theft deterrent ECU transmits a signal, causing the horn to sound at intervals of 0.4 seconds.

WIRING DIAGRAM



1 PREFORM ACTIVE TEST USING INTELLIGENT TESTER II

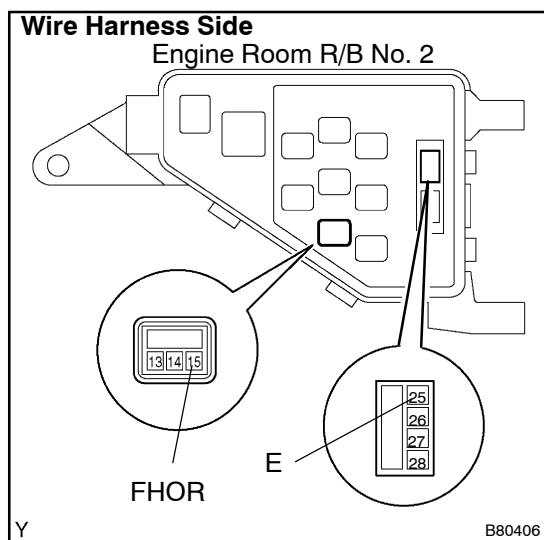
- (a) Connect the intelligent tester II to the DLC3.
- (b) Turn the ignition switch ON and press the intelligent tester II main switch ON.
- (c) Select the items below in the ACTIVE TEST and then check that the horn operates.

Theft deterrent ECU:

Item	Test Details	Diagnostic Note
Vehicle Horn	Sounds/Stops sounding	-

NG**Go to step 2****OK****PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE**
(see [page 05-3074](#)).**2 INSPECT FUSE (HORN)**

- (a) Remove the HORN fuse from the engine room R/B.
- (b) Measure the resistance.

Standard: Below 1 Ω **B****REPLACE FUSE****A****3 CHECK FRONT CONTROLLER**

- (a) Disconnect front controller.
- (b) Measure the resistance and voltage between the wire harness side connector and body ground.

Standard:

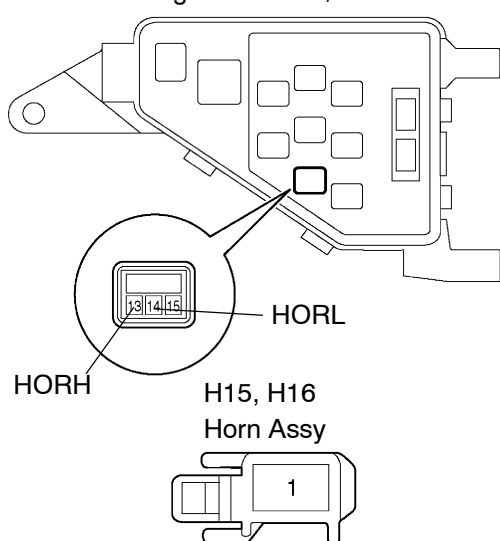
Tester Connection	Condition	Specified Condition
2-15 (FHOR) - Body ground	Constant	10 to 14 V
2-25 (E) - Body ground	Constant	Below 1 Ω

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

4 CHECK WIRE HARNESS (FRONT CONTROLLER - HORN ASSY AND BODY GROUND)

Wire Harness Side

Engine Room R/B No. 2



Y

B74296

- Disconnect front controller.
- Disconnect H15 and H16 horn connectors.
- Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
R/B front controller terminal 13 (HORH) - H15-1	Below 1 Ω
R/B front controller terminal 14 (HORL) - H16-1	Below 1 Ω

NG

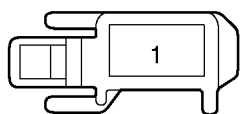
REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

5 CHECK HORN ASSY

Wire Harness Side

H15, H16
Horn Assy



B75286

- Disconnect H15 and H16 connectors.
- Check the voltage of the wire harness side connector.

Standard:

Tester Connection	Specified Condition
H15-1 - Body ground	10 to 14 V
H16-1 - Body ground	10 to 14 V

NG

REPLACE FRONT CONTROLLER

OK

REPLACE HORN ASSY