

## Horn Circuit

### CIRCUIT DESCRIPTION

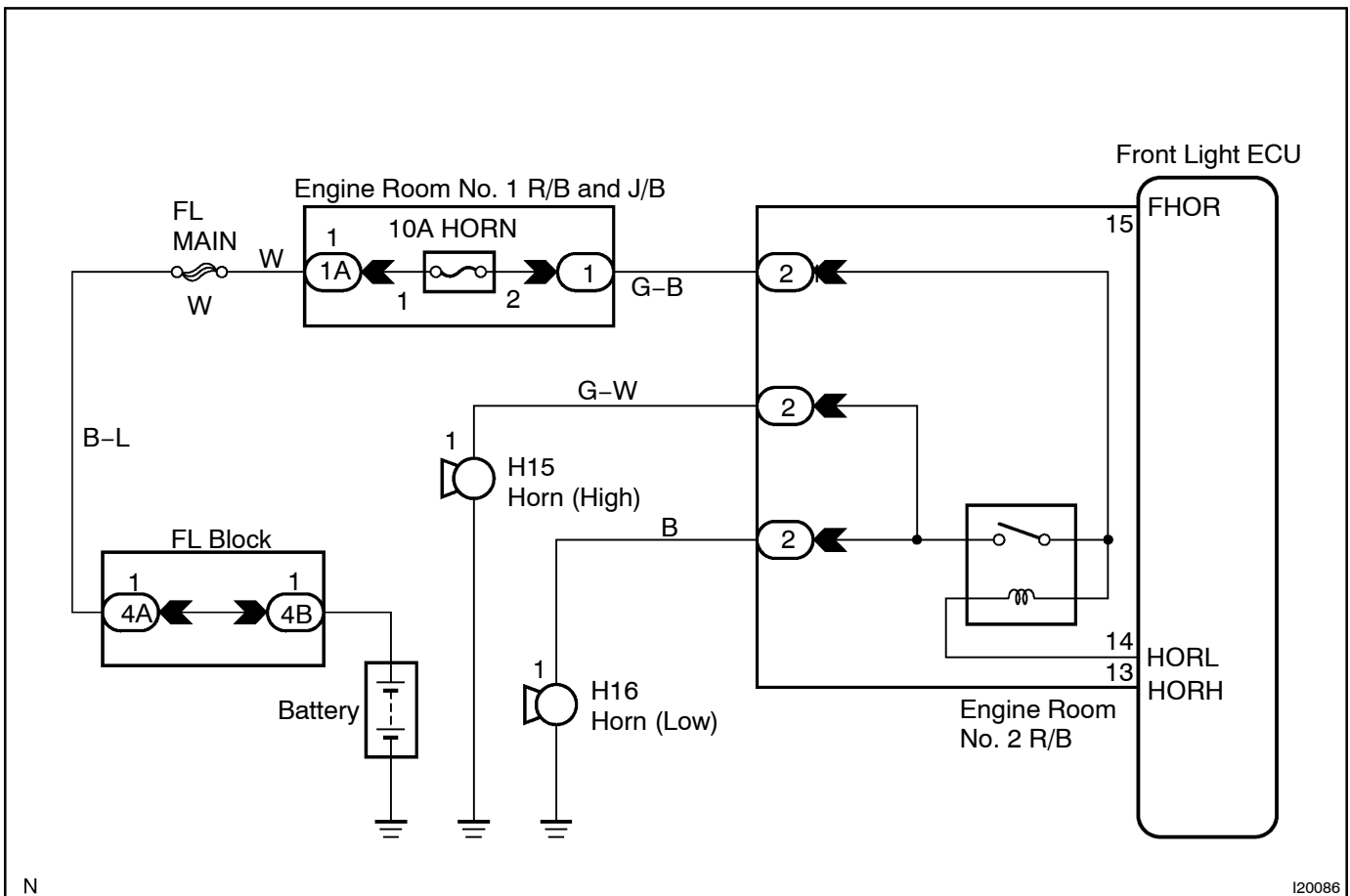
The horn is connected to the front light ECU and activated by the front light control ECU during warning of the theft deterrent system.

When the theft deterrent system is activated, it causes the ECU to turn the horn relay ON and OFF repeatedly at approximately 0.4 sec. intervals.

In this condition, if any of the following operations is done, in the ECU turn the horn relay off to stop, thus horns from blowing:

- Unlock the front LH or RH door with key. (Except Europe models)
- Turn the ignition switch to ACC or ON position. (Except Europe models)
- Unlock the doors with the wireless door lock control system.
- Wait for approximately 30 seconds.

### WIRING DIAGRAM



N

I20086

**INSPECTION PROCEDURE**

1 Check horn using LEXUS hand-held tester.

**PREPARATION:**

Connect the LEXUS hand-held tester to the DLC3.

**CHECK:**

Check the horn using ACTIVE LIST.

OK

Proceed to next circuit inspection shown on problem symptom table (See page DI-1166).

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2 Check HORN fuse.

**CHECK:**

Check continuity of HORN fuse.

**OK:**

Continuity

NG

Replace the failure fuse.

OK

3 Check voltage between terminal FHOR and E of front light ECU connector.

**PREPARATION:**

(a) Turn the ignition switch OFF.

(b) Disconnect the front light ECU connector.

**CHECK:**

Measure voltage between terminal FHOR and E.

**OK:**

Voltage: 10 - 14 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-1166).

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4 Check horn (See page BE-200).

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Replace horn.

OK

5 Check wire harness and connector between horn and front light ECU (See page IN-35).

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Repair or replace wire harness or connector.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-1166).