DI8MN–01
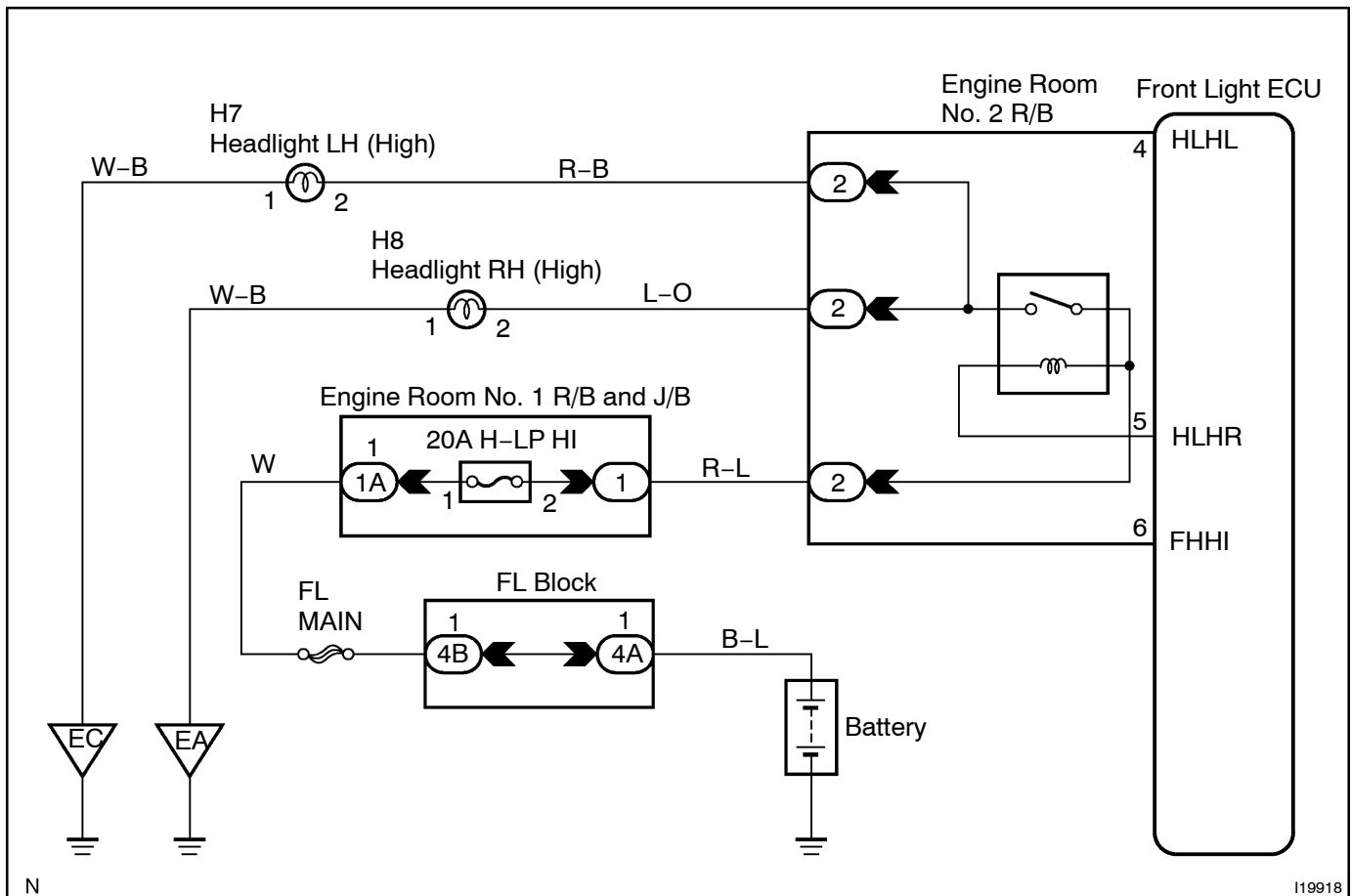
Headlight Circuit

CIRCUIT DESCRIPTION

Front Light ECU receives headlight HI switch information from the combination switch, and lights the headlight.

WIRING DIAGRAM

I19918

INSPECTION PROCEDURE

1	Check headlight using LEXUS hand−held tester.

PREPARATION:
Connect the LEXUS hand−held tester to the DLC3.
CHECK:
Check the headlight using ACTIVE LIST.

> **OK** > Proceed to next circuit inspection shown on problem symptom table (**See page DI−1166**).

NG

2	Check H−LP HI fuse.

CHECK:
Check continuity of H−LP HI fuse.
OK:

    Continuity

> **NG** > Replace the failure fuse.

OK

3	Check voltage between terminal FHHI 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 FHHI and E.
OK:

    Voltage: 10 − 14 V

> **OK** > Proceed to next circuit inspection shown on problem symptoms table (**See page DI−1166**).

NG

4	Check headlight bulb.

NG > Replace the failure light bulb.

OK

5	Check wire harness and connector between headlight and front light ECU, battery and headlight (See page IN−35).

NG > Repair or replace wire harness or connector.

OK

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