

Headlight Relay Circuit

CIRCUIT DESCRIPTION

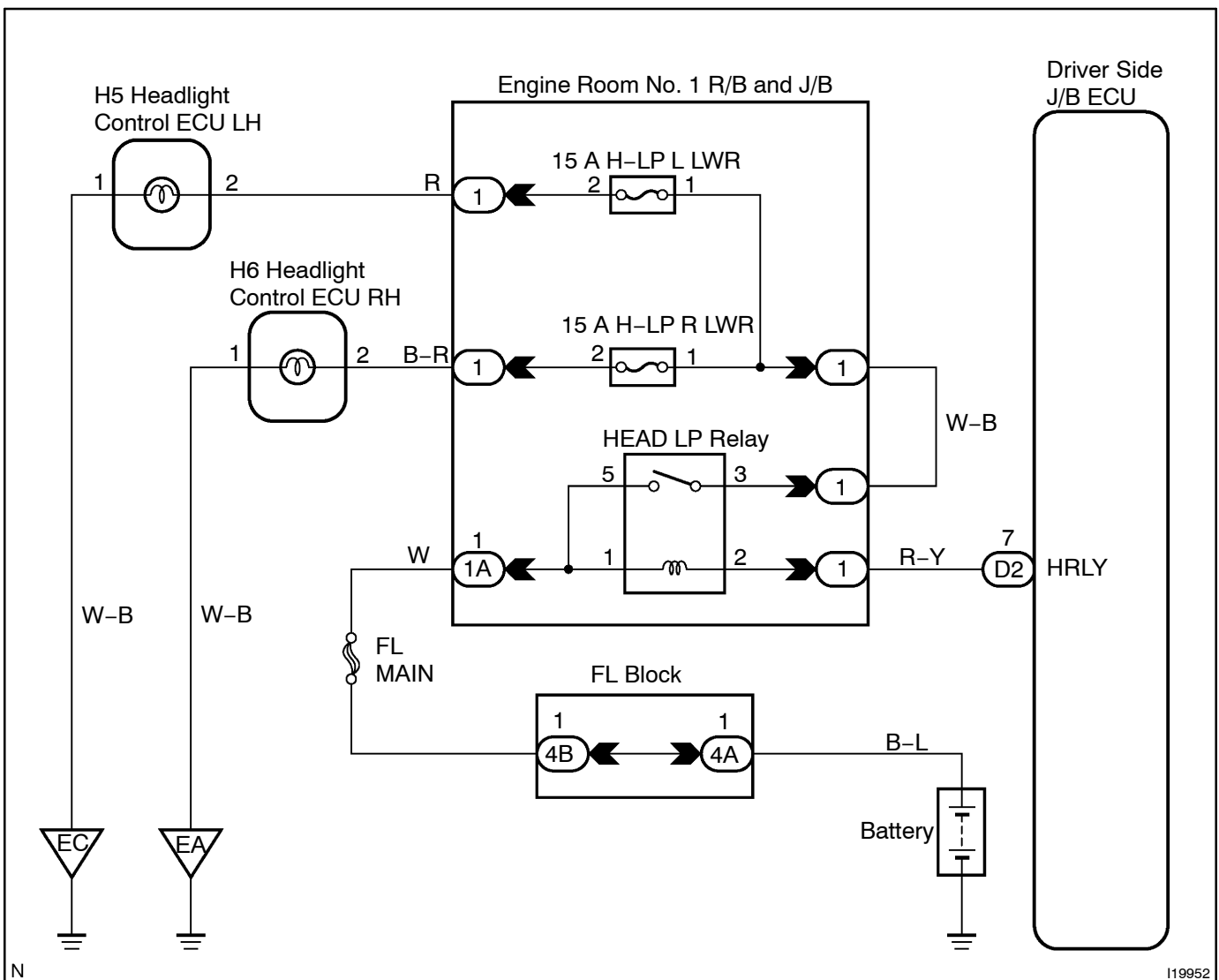
Headlight relay becomes "ON" by operating the headlight switch.

When the theft deterrent system is activated, it causes the ECU to turn the headlight relay ON and OFF repeatedly at approximately 0.25 sec. intervals to flash the headlights.

In this condition, if any of the following operations is done, the ECU turns the headlight relay off to stop the headlight flashing:

- Unlock the driver door with a 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



INSPECTION PROCEDURE

HINT:

In case of using the LEXUS hand-held tester, start the inspection from step 1 and in case of not using the LEXUS hand-held tester, start from step 2.

1 Check the headlight relay using LEXUS hand-held tester.

PREPARATION:

Connect the LEXUS hand-held tester to the DLC3.

CHECK:

Check that the headlight relay can operate in an ACTIVE TEST.

HINT:

If the headlight relay is normal, the headlight Lo-beam comes "ON".

In the case that the headlight relay is activated but the headlight Lo-beam does not come on, check the headlight circuit.

OK

Proceed to next circuit inspection shown on problem/symptom table (See page DI-1012).

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2 Check the headlight relay (See page BE-33).

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Replace the headlight relay.

OK

3 Check wire harness and connector between headlight relay and driver side J/B ECU (See page N-35).

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Repair or replace wire harness or connector.

OK

Proceed to next circuit inspection shown on problem/symptom table (See page DI-1012).