

The diagram illustrates the electrical system for LHD models, featuring the following components and connections:

- Engine Room R/B**: Contains the HEAD HI Relay (terminals 1C, 1B, 2, 5, 10), HEAD RH-UPR (terminal 8), and HEAD LH-UPR (terminal 12).
- Cowl Side J/B LH**: Contains terminals 7 (2B) and 9 (2G).
- Headlight LH (High)/ *1 (Headlight ECU)**: Connected via R-W and R-G wires.
- Headlight RH (High)/ *1 (Headlight ECU)**: Connected via W-B wires.
- Fusible Link Block**: Features a MAIN fuse.
- Battery**: The power source for the system.
- Body ECU**: Includes a DRL (Daytime Running Light) terminal (Z39).

Key Connections:

- The B-G wire connects the Engine Room R/B to ground (EA).
- The R-Y wire connects the Engine Room R/B to the Cowl Side J/B LH.
- The R-W and R-G wires connect the Headlight ECUs to the Engine Room R/B.
- The W-B wires connect the Headlight ECUs to the Cowl Side J/B LH.
- The W-B wire connects the Cowl Side J/B LH to the Fusible Link Block.
- The MAIN fuse in the Fusible Link Block is connected to the Battery.
- The DRL terminal (Z39) on the Body ECU is connected to the R-Y wire from the Cowl Side J/B LH.

*1: LHD Models

INSPECTION PROCEDURE

HINT:

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

1 Check DRL relay using hand-held tester.

PREPARATION:

Connect the hand-held tester to DLC3.

CHECK:

Check that the DRL relay operates in ACTIVE TEST (See page DI-981).

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-992).

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2 Check DRL relay (See page BE-23).

NG

Replace the DRL relay.

OK

3 Check wire harness and connector between DRL relay and Body ECU (See page IN-38).

OK

Repair or replace wire harness or connector.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page DI-992).