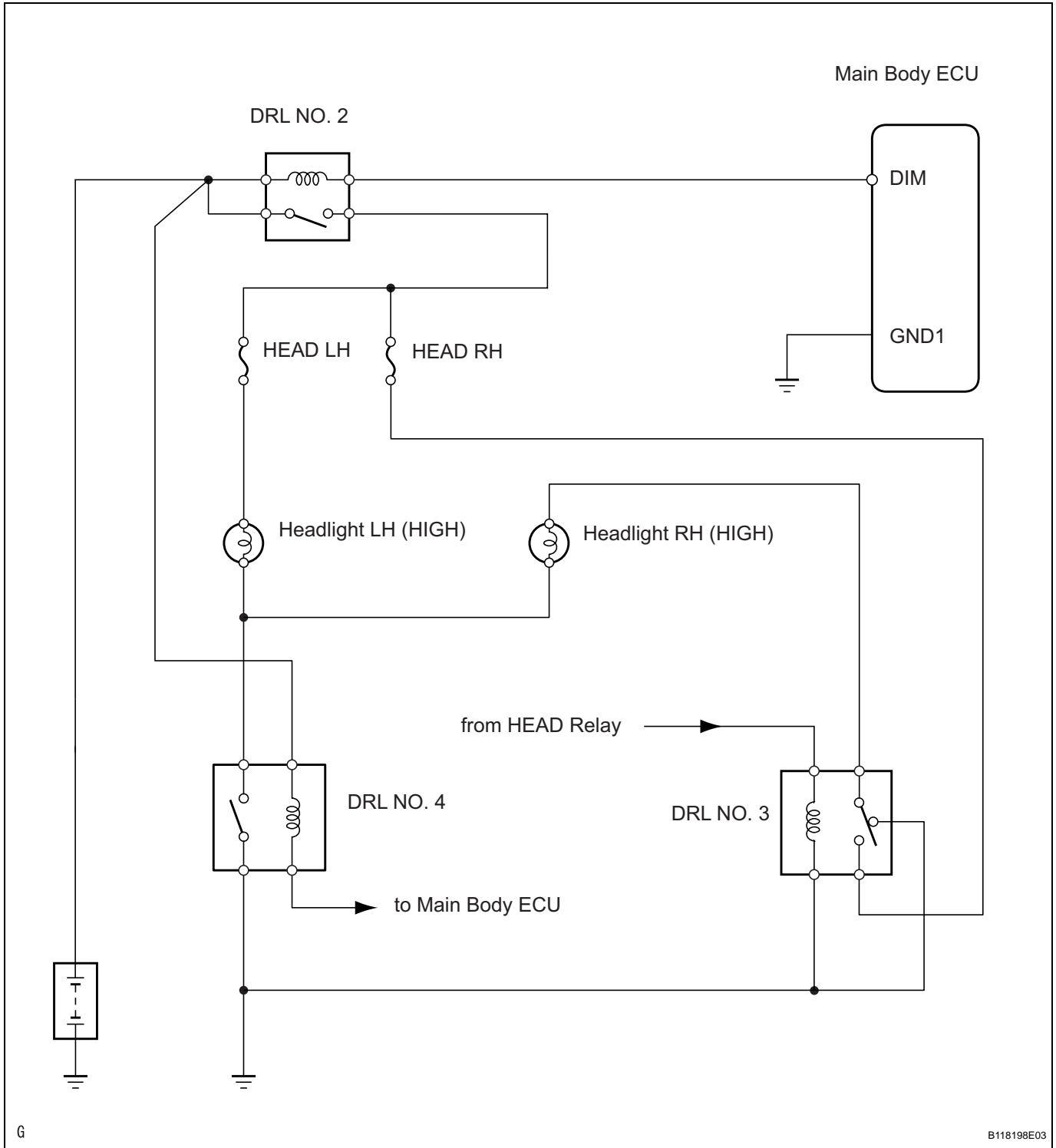


DRL Relay Circuit

DESCRIPTION

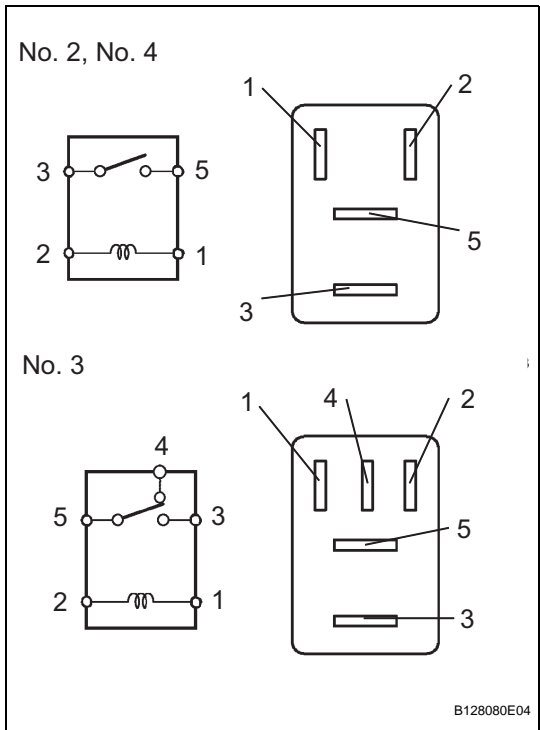
The main body ECU controls the daytime running light No. 2 relay (Marking: DRL NO.2).

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT DAYTIME RUNNING LIGHT RELAY (Marking: DRL NO. 2, DRL NO. 3, DRL NO. 4)



- (a) Remove the No. 2 relay, No. 3 relay and No. 4 relay from the engine room No. 2 relay block.
- (b) Measure the resistance of the relays.

**Standard resistance:
No. 2, No. 4**

Tester Connection	Specified Condition
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (Battery voltage applied to terminals 1 and 2)

No. 3

Tester Connection	Specified Condition
4 - 5	Below 1 Ω
4 - 5	10 kΩ or higher (Battery voltage applied to terminals 1 and 2)
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (Battery voltage applied to terminals 1 and 2)

NG → **REPLACE DAYTIME RUNNING LIGHT RELAY**

OK

2 INSPECT FUSE (HEAD LH)

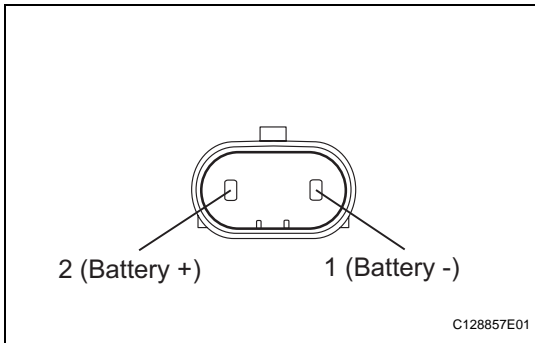
- (a) Remove the HEAD LH fuse from the engine room No. 2 relay block.
- (b) Measure the resistance of the fuse.

**Standard resistance:
Below 1 Ω**

NG → **REPLACE FUSE**

OK

3 INSPECT HEADLIGHT BULB (HIGH)

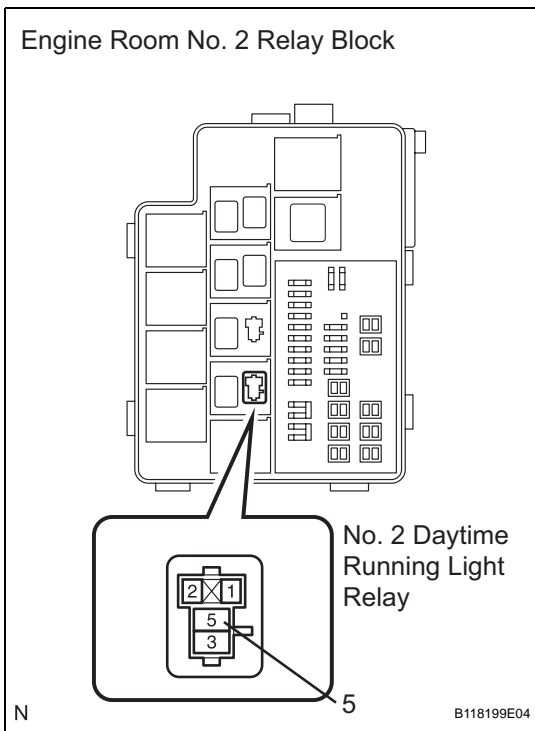


- (a) Remove the headlight bulb (high).
- (b) Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, then check that the bulb illuminates.

NG → **REPLACE HEADLIGHT BULB (HIGH)**

OK

4 CHECK WIRE HARNESS (BATTERY - NO. 2 DAYTIME RUNNING LIGHT RELAY)



- (a) Remove the No. 2 daytime running light relay from the engine room No. 2 relay block.
- (b) Measure the voltage of the relay block.
Standard voltage

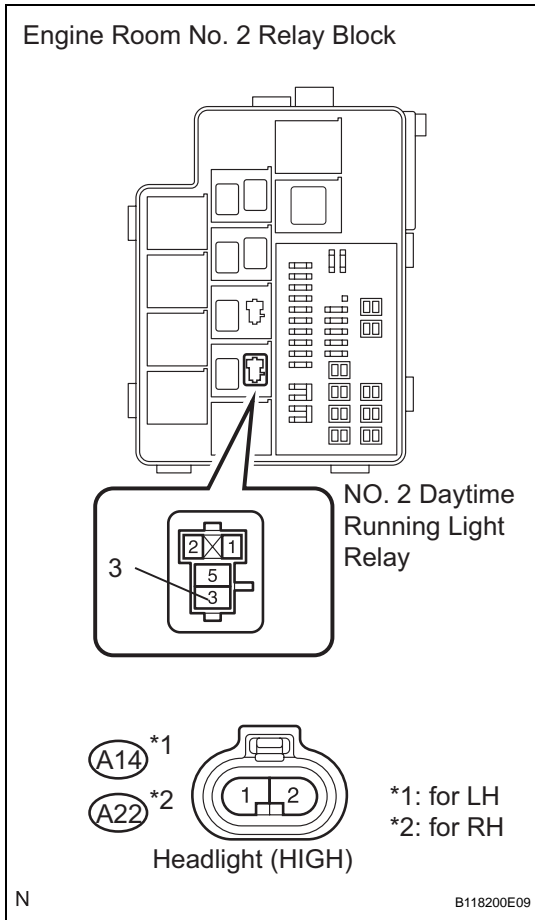
Tester Connection	Specified Condition
Relay block daytime running light No. 2 relay terminal 5 - Body ground	10 to 14 V

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

OK



5 CHECK WIRE HARNESS (NO. 2 DAYTIME RUNNING LIGHT RELAY - HEADLIGHT BULB AND BODY GROUND)



- (a) Remove the No. 2 daytime running light relay from the engine room No. 2 relay block.
- (b) Disconnect the A14 and A22 headlight (HIGH) connectors.
- (c) Measure the resistance of the wire harness side connectors and relay block.

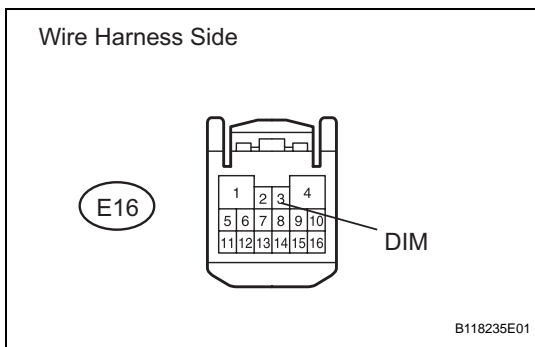
Standard resistance

Tester Connection	Specified Condition
Relay block daytime running light No. 2 relay terminal 3 - A14-2	Below 1 Ω
A14-2 - Body ground	10 kΩ or higher
A14-1 - A22-1	Below 1 Ω
A14-1 - Body ground	10 kΩ or higher
A22-2 - Body ground	Below 1 Ω

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

6 CHECK WIRE HARNESS (MAIN BODY ECU - BATTERY)



- (a) Disconnect the E16 main body ECU connector.
 - (b) Measure the voltage of the wire harness side connector.
- Standard voltage**

Tester Connection	Specified Condition
E16-3 (DIM) - Body ground	10 to 14 V

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE INSTRUMENT PANEL JUNCTION BLOCK (MAIN BODY ECU)