DI2AP–02
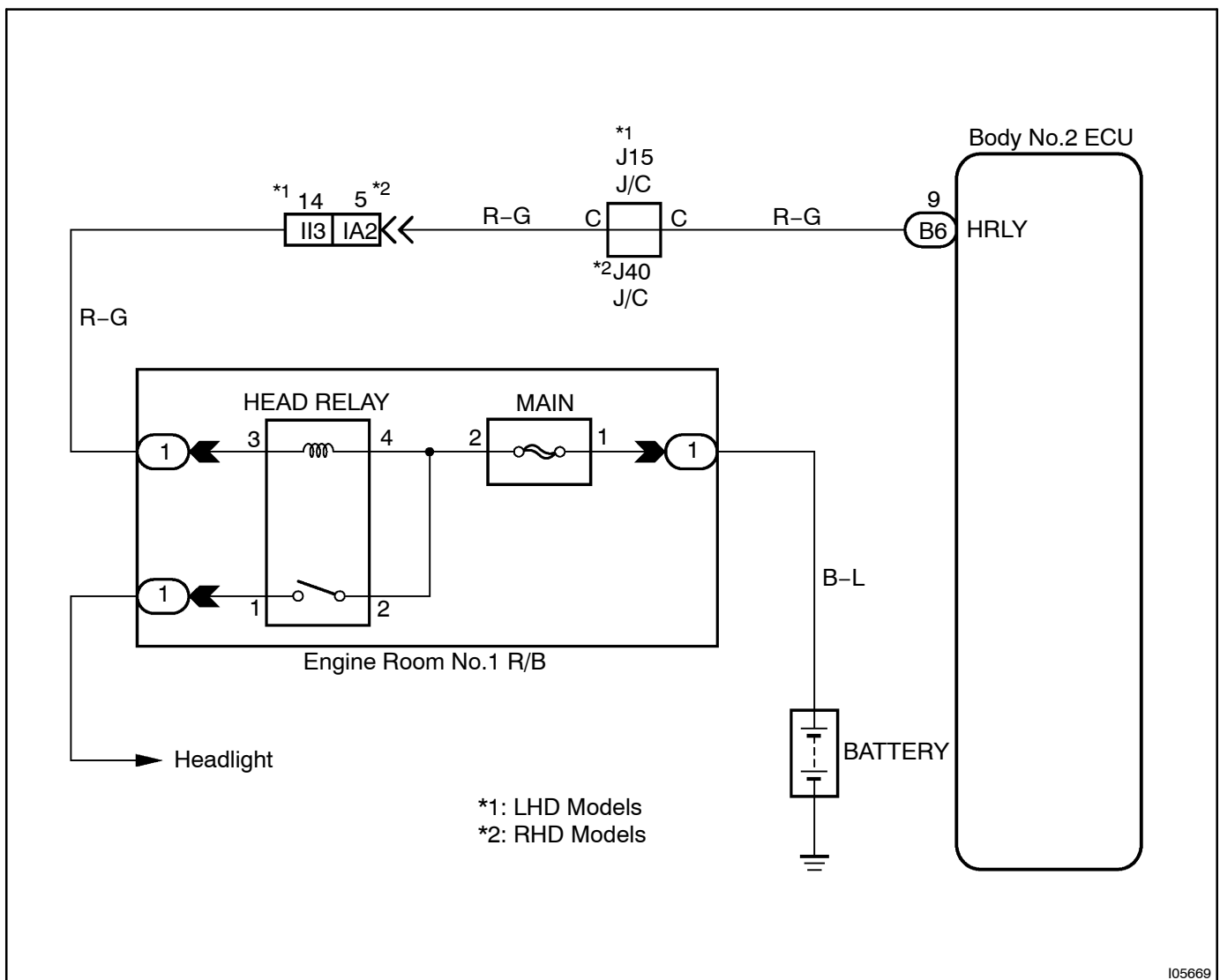
# Headlight relay circuit

## CIRCUIT DESCRIPTION

Head light relay will be "ON" by operating the head light switch. The transistor which activates the tail light relay has two sorts: one activates directly by the head light switch for fail safe and the other activates by CPU. the one that activates by CPU has two systems and prevents the head light from turning off at the time of one system trouble in the automatic operation circuit.

## WIRING DIAGRAM



*1: LHD Models
*2: RHD Models

I05669

## 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 headlight relay using LEXUS hand–held tester. |
|---|---|

**PREPARATION:**

Connect the LEXUS hand–held tester to the DLC 3.

**CHECK:**

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

HINT:

If the head light relay is normal, the head light comes "ON". In the case that the head light relay activates but the head light will not come on, check the head light circuit.

OK ▷ **Proceed to next circuit inspection shown on problem symptoms table. (See page DI–616)**

NG ▽

| 2 | Check headlight relay. (See page BE–38) |
|---|---|

NG ▷ **Replace the headlight relay.**

OK ▽

| 3 | Check wireharness and connector between headlight relay and body No.2 ECU, battery and head light relay. |
|---|---|

NG ▷ **Repair or replace wireharness or connector.**

OK ▽

**Proceed to next circuit inspection shown on problem symptoms table.
(See page DI–616)**