

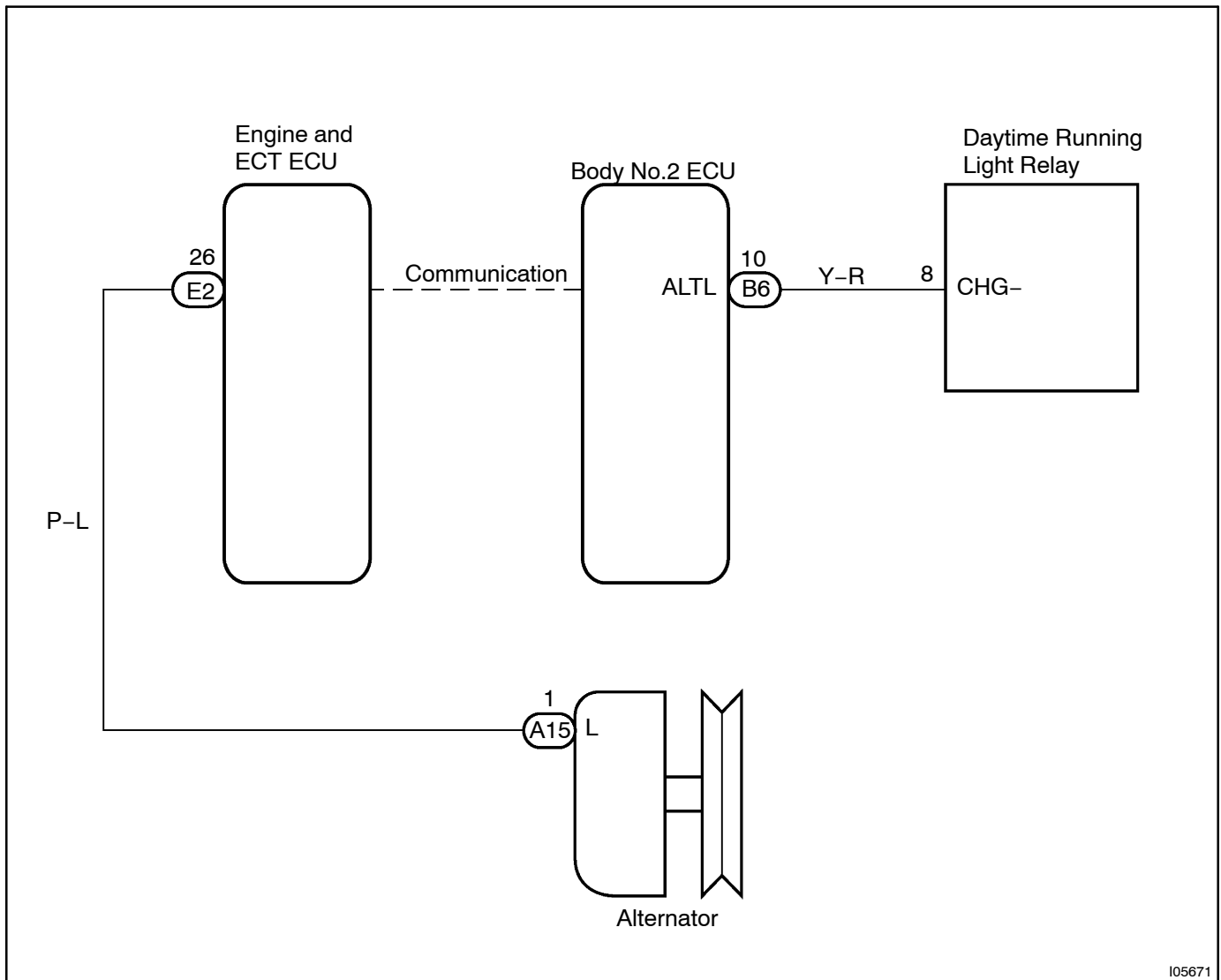
Alternator L terminal circuit (w/ DRL vehicle LHD models only)

CIRCUIT DESCRIPTION

Body No.2 ECU receives the alternator L signal from ECM through communication and outputs it to the Day time running light relay.

Day time running light relay judges whether the engine rotates or not with this alternator L signal and makes the Day time running light turn ON and OFF.

WIRING DIAGRAM



I05671

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 generator L terminal output using LEXUS hand-held tester.
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PREPARATION:

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

CHECK:

Check the generator L terminal output using DATA LIST.

Condition	Generator L terminal
Engine running	ON
Engine not running	OFF

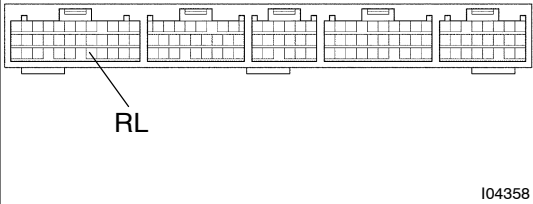
OK

Proceed to next circuit inspection shown on problem symptoms table (See Pub. No. RM588E on page BE-3).

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2 Check RL terminal of Engine and ECT ECU.

2JZ-GE engine:



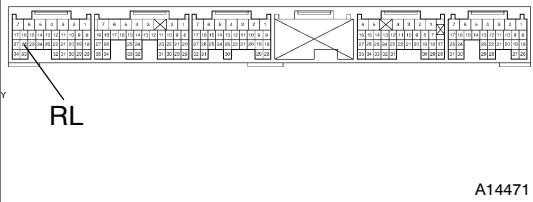
CHECK:

Check the voltage of RL terminal of Engine and ECT ECU.

OK:

Condition	Voltage
Engine running	10 – 14V
Engine not running	0V

3UZ-FE engine:



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Replace the Body ECU No. 2.

OK

3 Check wireharness and connector between Engine and ECT ECU and generator.

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Repair or replace wireharness or connector.

OK

Repair or replace the alternator or regulator.