

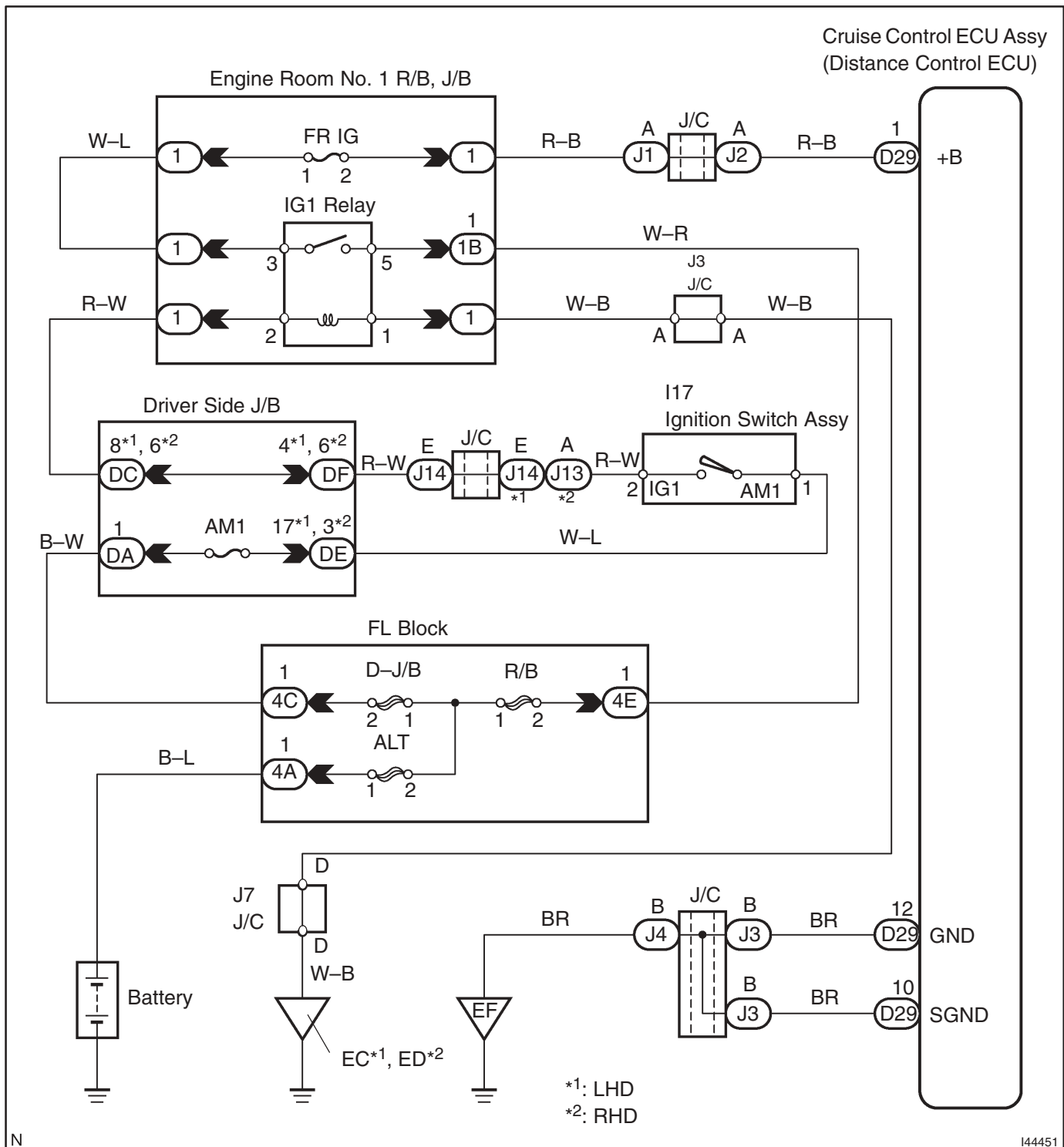
DISTANCE CONTROL ECU POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

This circuit provides power to operate the cruise control ECU (distance control ECU).

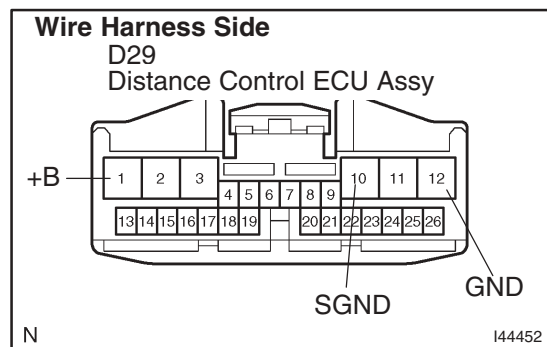
The distance control ECU determines the distance to the vehicle in front based on data from the millimeter wave radar sensor, and then decides how much acceleration and/or deceleration is needed to maintain the set distance. It also requests the skid control ECU to apply brake and sound the buzzer.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK WIRE HARNESS (CRUISE CONTROL ECU ASSY – BATTERY AND BODY GROUND)



- Disconnect the D29 ECU connector.
- Measure the voltage and resistance of the wire harness side connector.

Standard:

Tester Connection	Condition	Specified Condition
D29-1 (+B) – Body ground	Ignition switch ON	10 to 14 V
D29-10 (SGND) – Body ground	Always	Below 1 Ω
D29-12 (GND) – Body ground	Always	Below 1 Ω

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(See page 05-20)