

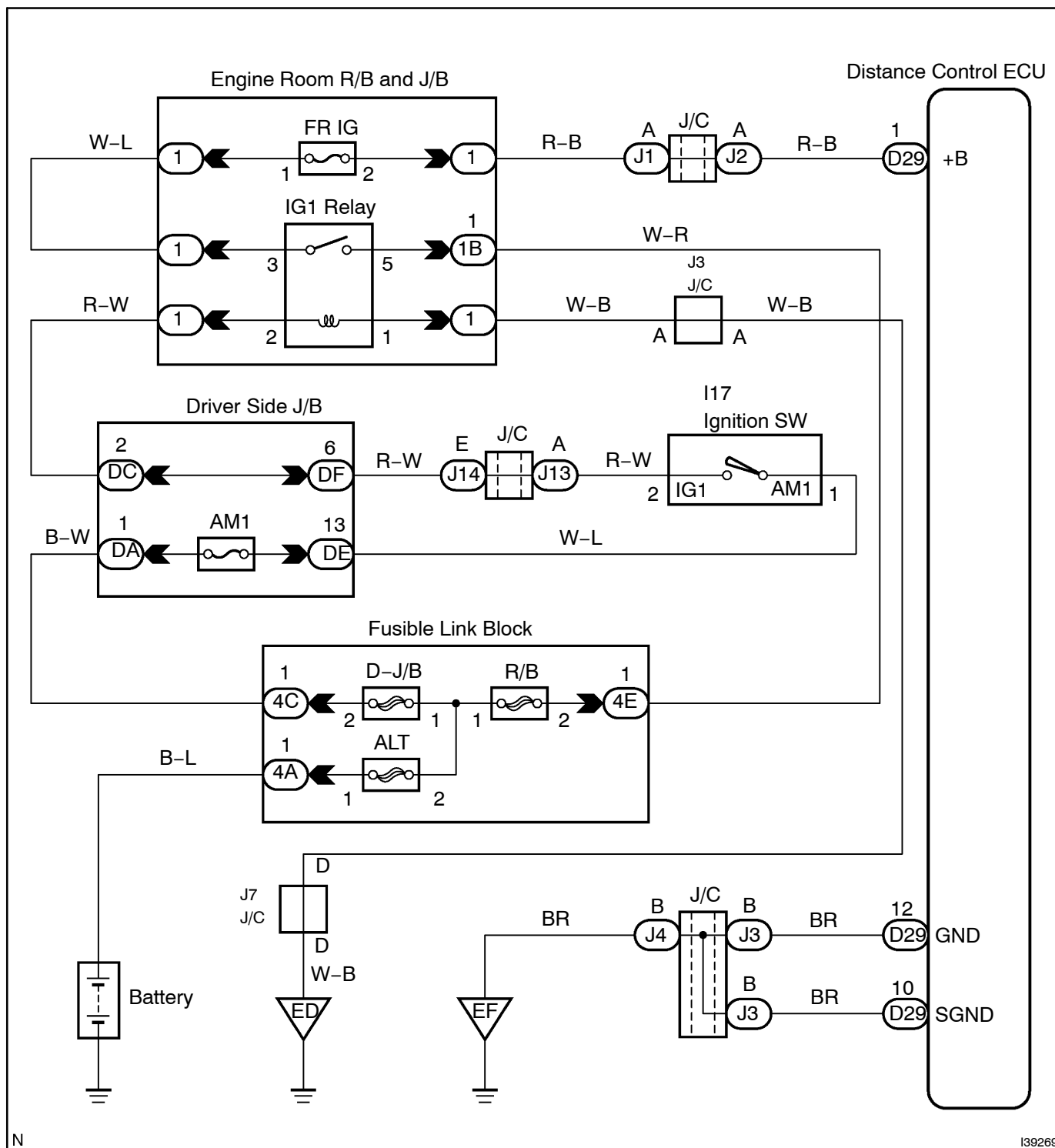
DISTANCE CONTROL ECU POWER SOURCE CIRCUIT

CIRCUIT DESCRIPTION

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

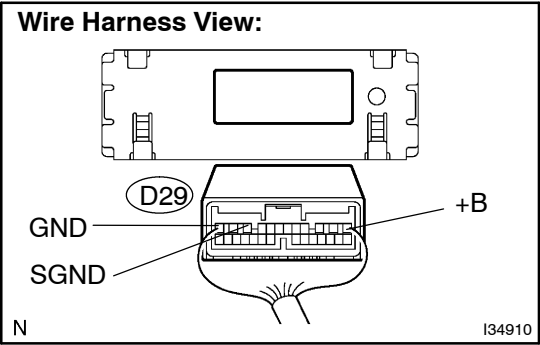
The distance control ECU determines the vehicle that you are following based on data from the laser sensor and then decides how much acceleration and/or deceleration is needed to maintain the set distance. It also requests the skid control ECU to apply braking and sound the buzzer.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 INSPECT CRUISE CONTROL ECU ASSY (DISTANCE CONTROL ECU)



- (a) Disconnect the cruise control ECU (distance control ECU) connector.
- (b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified value
D29-1 (+B) – Body ground	Ignition SW ON	10 to 14 V

- (c) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified value
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 WIRE HARNESS OR CONNECTOR

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-3638)