CRUISE CONTROL ECU COMMUNICATION STOP MODE

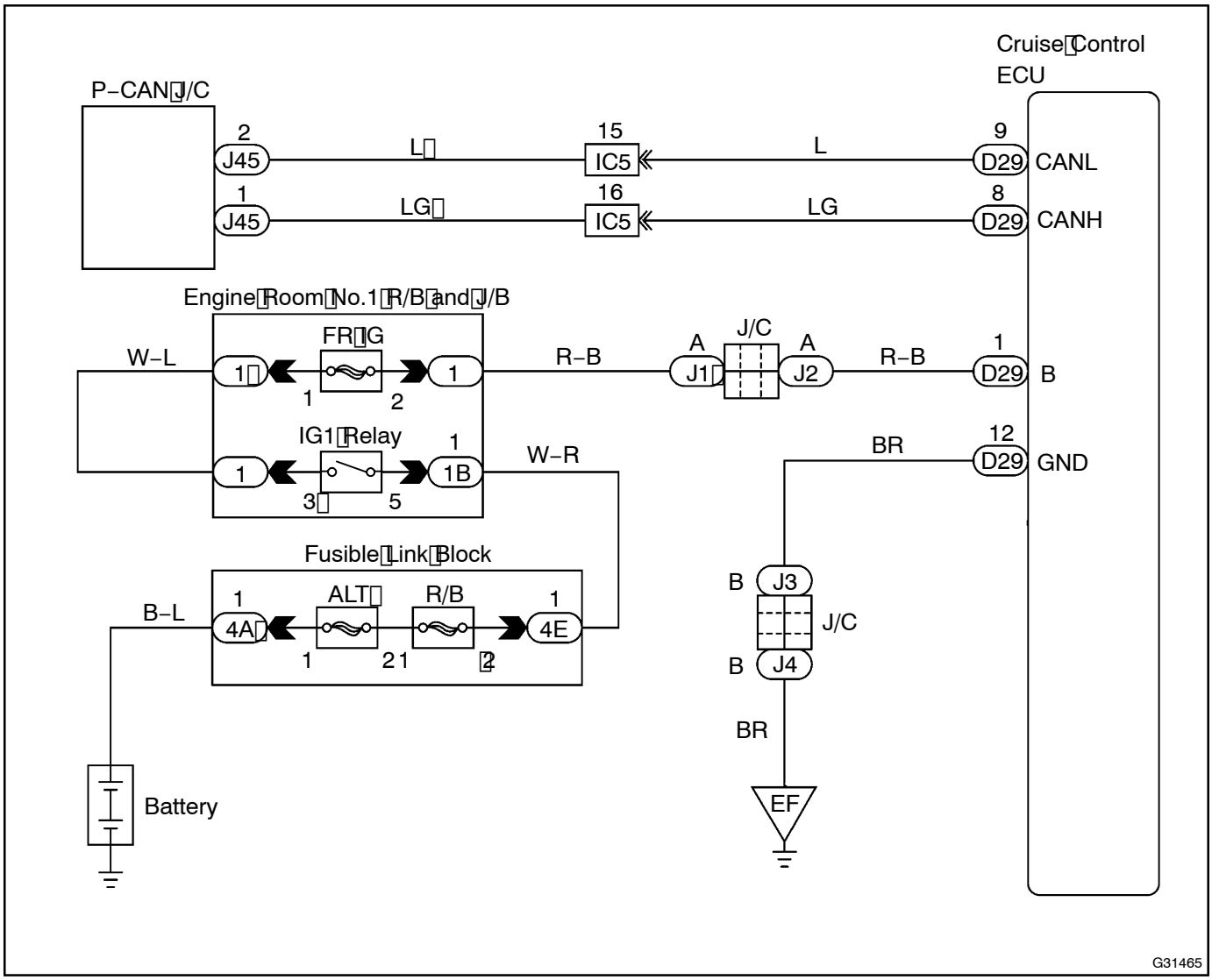
MODE DESCRIPTION

Detection Item	Symptom	Trouble Area
CRUISE CONTROL ECU COMMUNICATION STOP MODE	• "Cruise Control (ACC)" is not displayed on the "Communication Bus Check" screen of the intelligent tester II. • Applies to "CRUISE CONTROL ECU COMMUNICATION STOP MODE" in the "DTC COMBINATION TABLE" (see page 05-3309).	• Power source or inside the cruise control ECU • Cruise control ECU sub bus line or connector

NOTICE:

This is not applicable to a vehicle without a dynamic laser cruise control system.

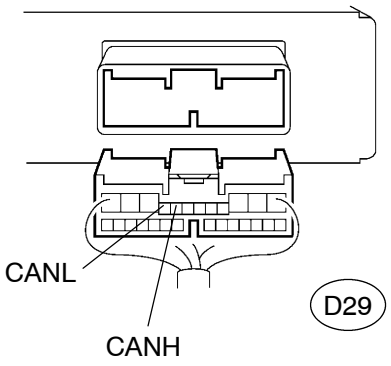
WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK CAN BUS LINE FOR DISCONNECTION(CRUISE CONTROL ECU SUB BUS LINE)

Cruise Control ECU
Wire Harness View:



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(a) Turn the ignition switch to the LOCK position.
(b) Disconnect the cruise control ECU connector (D29).
(c) Measure the resistance according to the value(s) in the table below.

Standard:

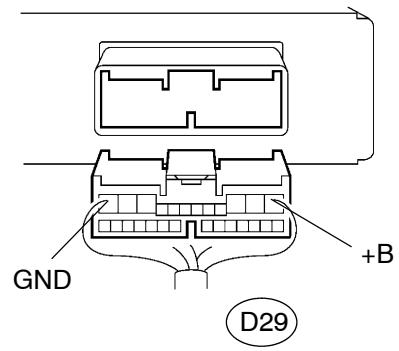
Tester connection	Condition	Specified value
D29–8 (CANH) – D29–9 (CANL)	Ignition Switch OFF	54 to 69 Ω

NG → **REPAIR OR REPLACE CRUISE CONTROL ECU SUB BUS LINE OR CONNECTOR (CAN–H, CAN–L)**

OK

2	CHECK WIRE HARNESS(+B, GND)

Cruise Control ECU
Wire Harness View:



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(a) Measure the resistance according to the value(s) in the table below.
(b) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
D29–12 (GND) – Body ground	Always	Below 1 Ω
D29–1 (+B) – Body ground	Ignition Switch ON	10 to 14 V

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

OK

REPLACE CRUISE CONTROL ECU ASSY (SEE PAGE 32–2)