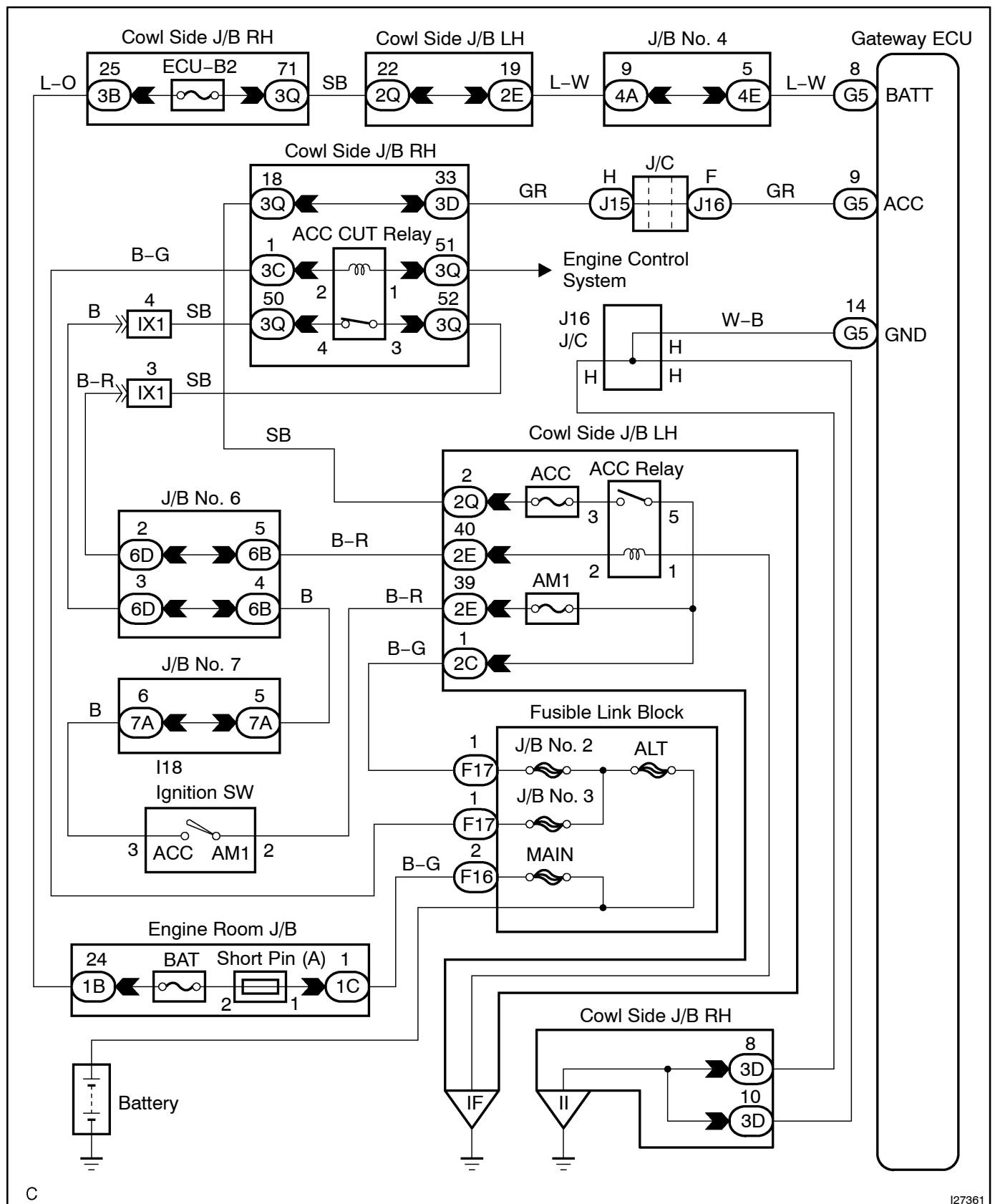


Power Source Circuit (Network Gateway ECU)

CIRCUIT DESCRIPTION

This circuit is the power source circuit to operate the network gateway ECU.

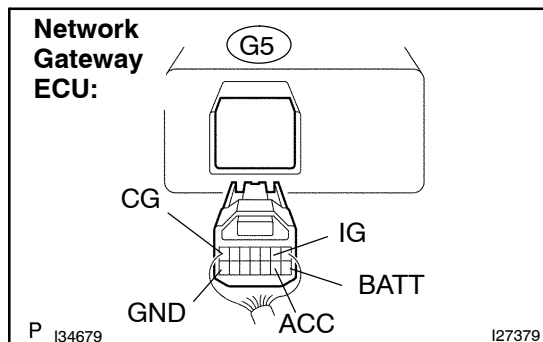
WIRING DIAGRAM



I27361

INSPECTION PROCEDURE

- 1 Check voltage between terminals +BATT, ACC, IG and GND of network gateway ECU.**



- (a) Disconnect the connector from the network gateway ECU.
 (b) Measure the voltage according to the value(s) in the table below.

Standard:

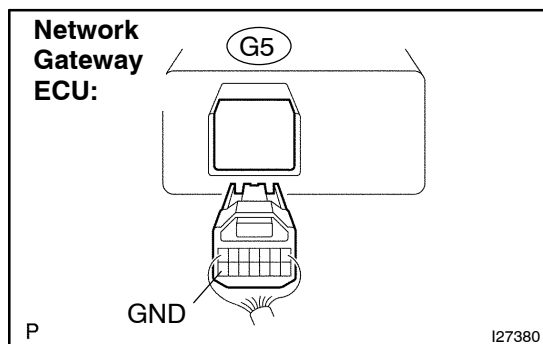
Tester connection	Condition	Specified condition
BATT – GND	Always	10 to 14 V
ACC – GND	Ignition SW ACC	10 to 14 V
IG – GND	Ignition SW ON	10 to 14 V

OK

Proceed to next circuit inspection shown in problem symptoms table. (See page [DI-1581](#))

NG

- 2 Check continuity between terminal GND of network gateway ECU and body ground.**



- (a) Disconnect the connector from the network gateway ECU.
 (b) Measure the resistance according to the value(s) in the table below.

Standard:

Tester connection	Condition	Specified condition
GND – Body ground	Always	Below 1 Ω

OK

Repair or replace harness or connector between navigation ECU and fuse.

NG

Repair or replace harness or connector between navigation ECU and body ground.