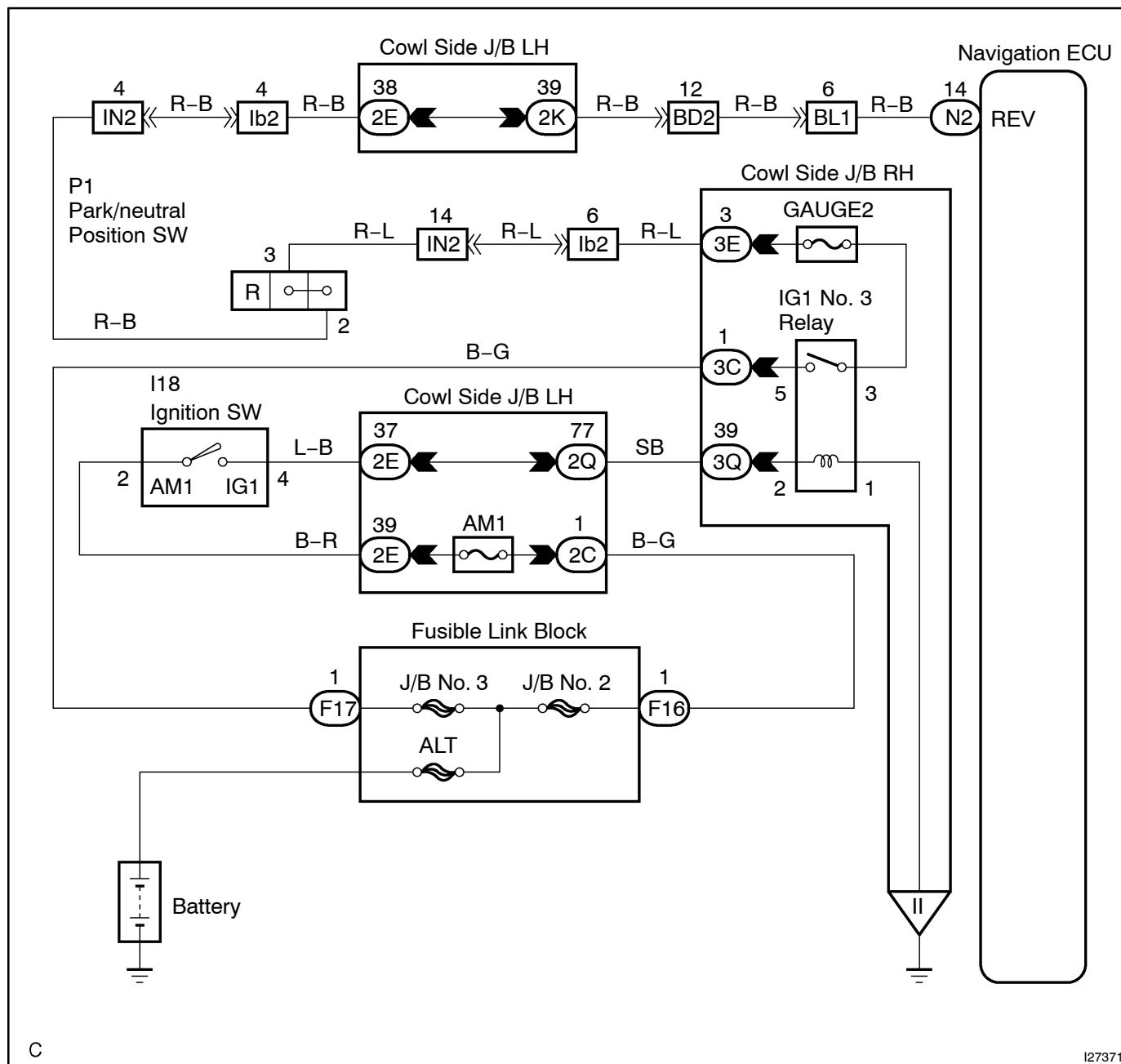


Reverse Signal Circuit

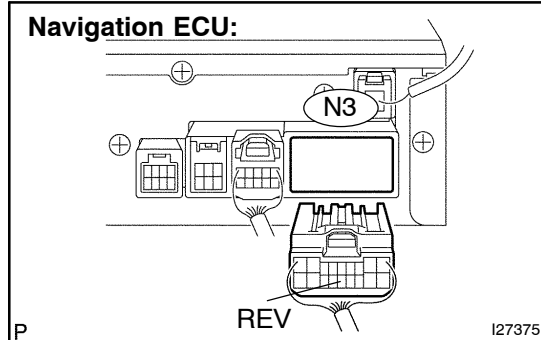
CIRCUIT DESCRIPTION

The navigation ECU receives the reverse signal from the park/neutral position switch and information about the GPS antenna, and then adjusts the vehicle position.

WIRING DIAGRAM



INSPECTION PROCEDURE

1 Check voltage between terminals REV and of navigation ECU and body ground.**Navigation ECU:**

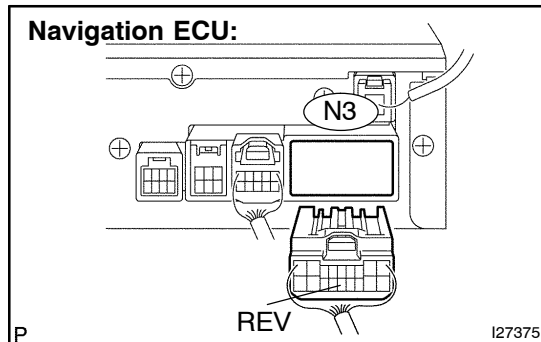
- (a) Measure the voltage according to the value(s) in the table below.

Standard:

Tester connection (Terminal No.)	Condition	Specified condition
REV – Body ground	IG SW ON, shift lever R position	10 to 14 V

OK

Proceed to next circuit inspection shown in problem symptoms table. (See page [DI-1179](#))

NG**2 Check for open or short circuit in harness and connector between navigation ECU and park/neutral position switch assembly.****Navigation ECU:**

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

Standard:

Tester connection	Condition	Specified condition
REV – P1-1	Always	Below 1 Ω
REV – Body ground	Always	10 k Ω or higher

OK

Replace park/neutral position switch assembly.

NG

Repair or replace harness or connector.