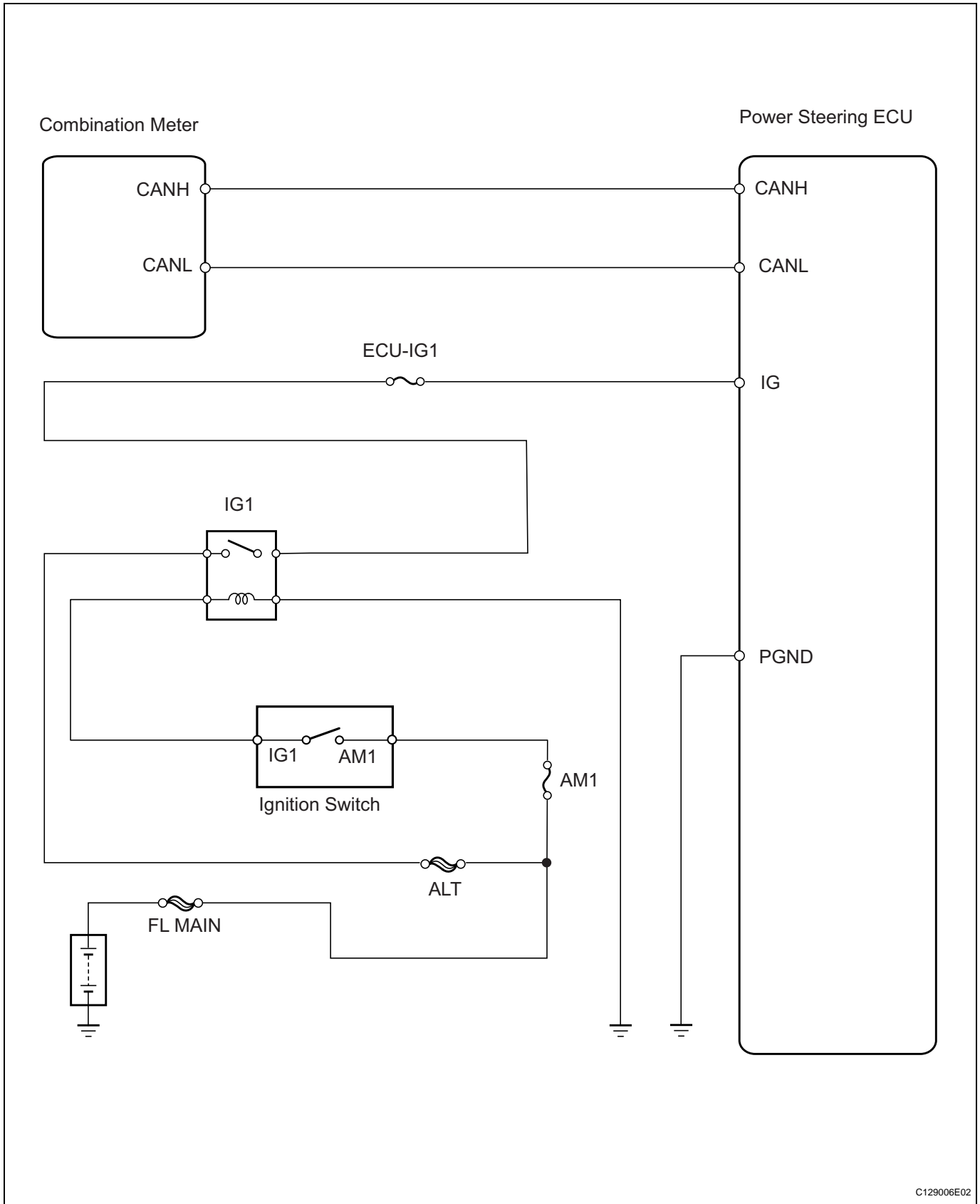


**EPS Warning Light Circuit****DESCRIPTION**

If the power steering ECU detects a malfunction, the P/S warning light comes on. At this time, the power steering ECU stores a DTC in its memory.

WIRING DIAGRAM



PS

## INSPECTION PROCEDURE

**1 CHECK FOR DTC**

- (a) Using the intelligent tester (with CAN VIM), check for DTCs and confirm that there are no problems in the CAN communication system.

**OK:**

**CAN DTCs are not output.**

**NG**

**GO TO CAN COMMUNICATION SYSTEM**

**OK**

**2 READ VALUE OF INTELLIGENT TESTER (IG POWER SUPPLY)**

- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the ignition switch ON and press the intelligent tester main switch ON.
- (c) Select the item "IG SUPPLY" in the DATA LIST and read the value displayed on the intelligent tester.

**Main body ECU**

Item	Item Description: Range (Display)	Inspection Condition	Specified Condition
IG SUPPLY	ECU power source voltage: Min.: 0 V Max.: 20.1531 V	Ignition switch ON	10 to 14 V

**OK**

**Go to step 5**

**NG**

**3 INSPECT FUSE (ECU-IG1)**

- (a) Remove the ECU-IG1 fuse from the instrument panel junction block.
- (b) Measure the resistance of the fuse.

**OK:**

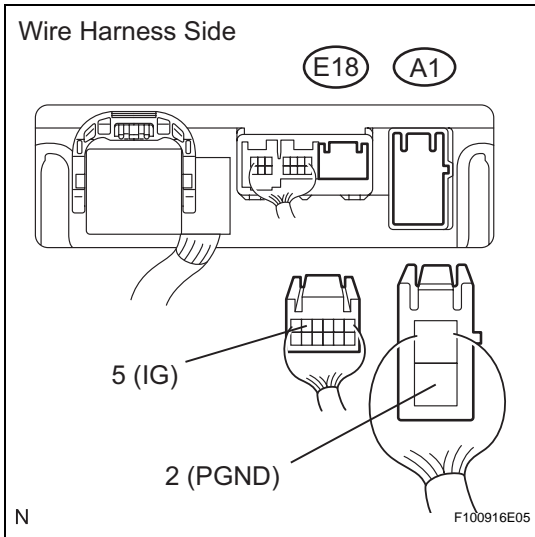
**Below 1  $\Omega$**

**NG**

**INSPECT SHORT CIRCUIT IN COMPONENTS AND WIRES CONNECTED TO FUSE**

**OK**

**4 CHECK WIRE HARNESS (BATTERY - POWER STEERING ECU AND BODY GROUND)**



- (a) Disconnect the A1 and E18 power steering ECU connector.
- (b) Measure the voltage of the wire harness side connectors.

**Standard voltage**

Tester Connection	Condition	Specified Condition
E18-5 (IG) - A1-2 (PGND)	Ignition switch ON	10 to 14 V

**NG** REPAIR OR REPLACE HARNESS AND CONNECTOR

**OK**

**5 PERFORM ACTIVE TEST BY INTELLIGENT TESTER**

- (a) Connect the intelligent tester (with CAN VIM) to the DLC3.
- (b) Turn the ignition switch ON and press the intelligent tester main switch ON.
- (c) Operate the intelligent tester according to the steps on the display and select the ACTIVE TEST.

**PS**

**Combination meter**

Item	Test Details	Diagnostic Note
EPS INDIC	P/S indicator (ON/OFF)	Confirm that the vehicle is stopped, engine idling

**OK:**  
Indicator comes on.

**NG** REPLACE COMBINATION METER ASSEMBLY

**OK**

**REPLACE POWER STEERING ECU**