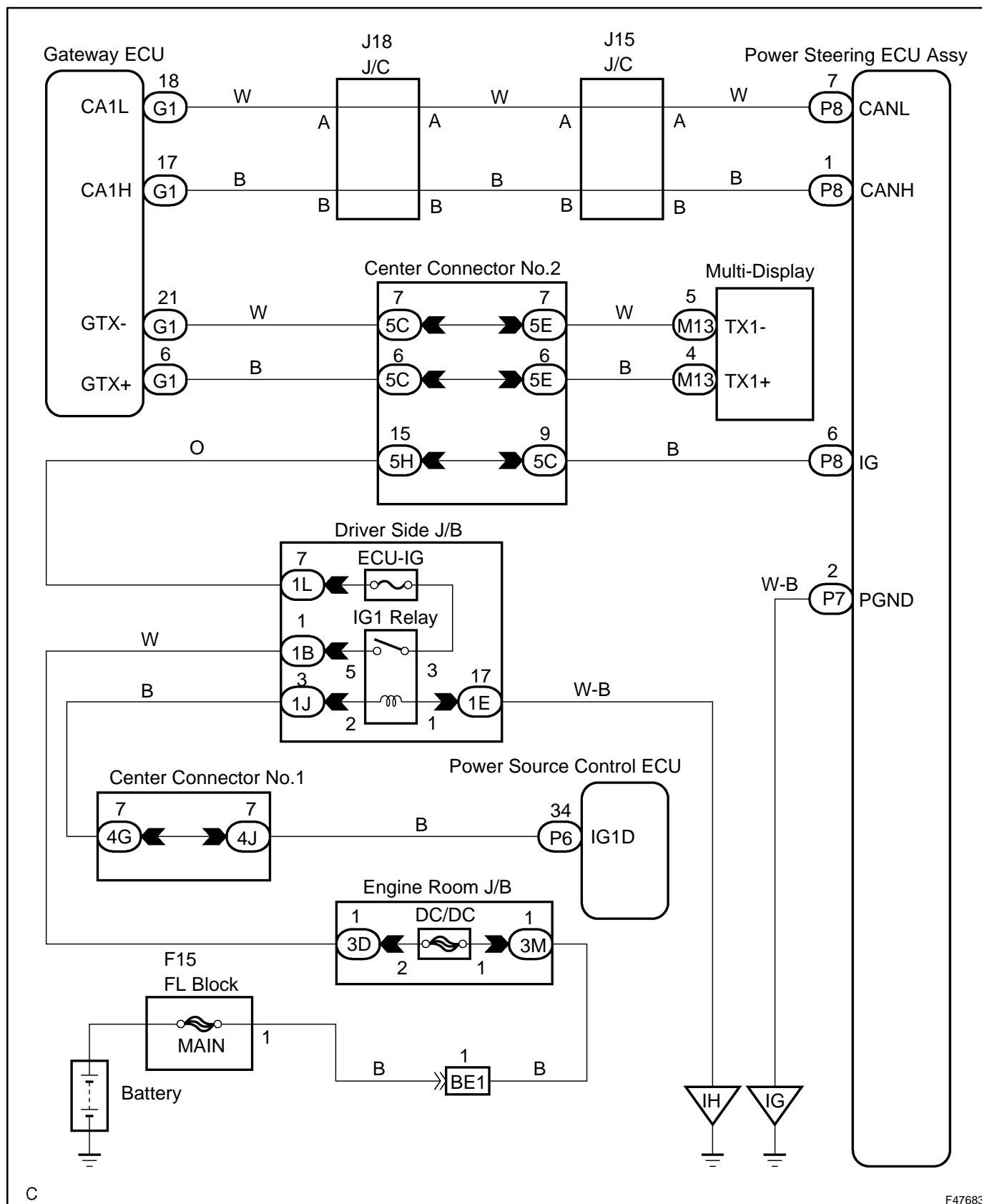


PS WARNING IS ALWAYS SHOWN ON MULTI-DISPLAY**CIRCUIT DESCRIPTION**

Troubleshooting procedure for a situation when no DTCs are output but PS warning is always indicated is specified here. The PS warning remains on when there is an open in the IG circuit inputting power source voltage to the power steering ECU assy.

WIRING DIAGRAM



F47683

INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR

- (a) Check the indication condition of the PS warning while by wiggling the power steering ECU assy connector and wire harness up and down, and right and left.

OK:

PS warning indication does not change.

NG

REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2 INSPECT CAN COMMUNICATION SYSTEM

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

OK:

DTCs are not output.

NG

**GO TO CAN COMMUNICATION SYSTEM
(SEE PAGE [05-2620](#))**

OK

3 INSPECT MULTIPLEX COMMUNICATION SYSTEM(BEAN)

- (a) Using the hand-held tester, check for DTCs and confirm that there are no problems in the multiplex communication system (BEAN).

OK:

DTCs are not output.

NG

**GO TO MULTIPLEX COMMUNICATION SYSTEM
(SEE PAGE [05-2541](#))**

OK

The diagram illustrates the correct orientation for inserting a PGND cable into the P7 port. The cable is shown being inserted into the P7 port, with the PGND label pointing to the cable. The P7 port is labeled with a circled 'P7'. The P8 port is labeled with a circled 'P8'. The IG label points to the internal ground connection point. The diagram shows the cable being inserted into the P7 port, with the PGND label pointing to the cable. The P7 port is labeled with a circled 'P7'. The P8 port is labeled with a circled 'P8'. The IG label points to the internal ground connection point.

- Standard:**

Tester Connection	Condition	Specified Condition
P8-6 (IG) - P7-2 (PGND)	Power switch is on (IG)	10 to 16 V

REPAIR OR REPLACE HARNESS AND CONNECTOR

5	REPLACE POWER STEERING ECU ASSY (SEE PAGE 50-16)
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OK:

END

REPLACE MULTI DISPLAY (SEE PAGE 67-7)