

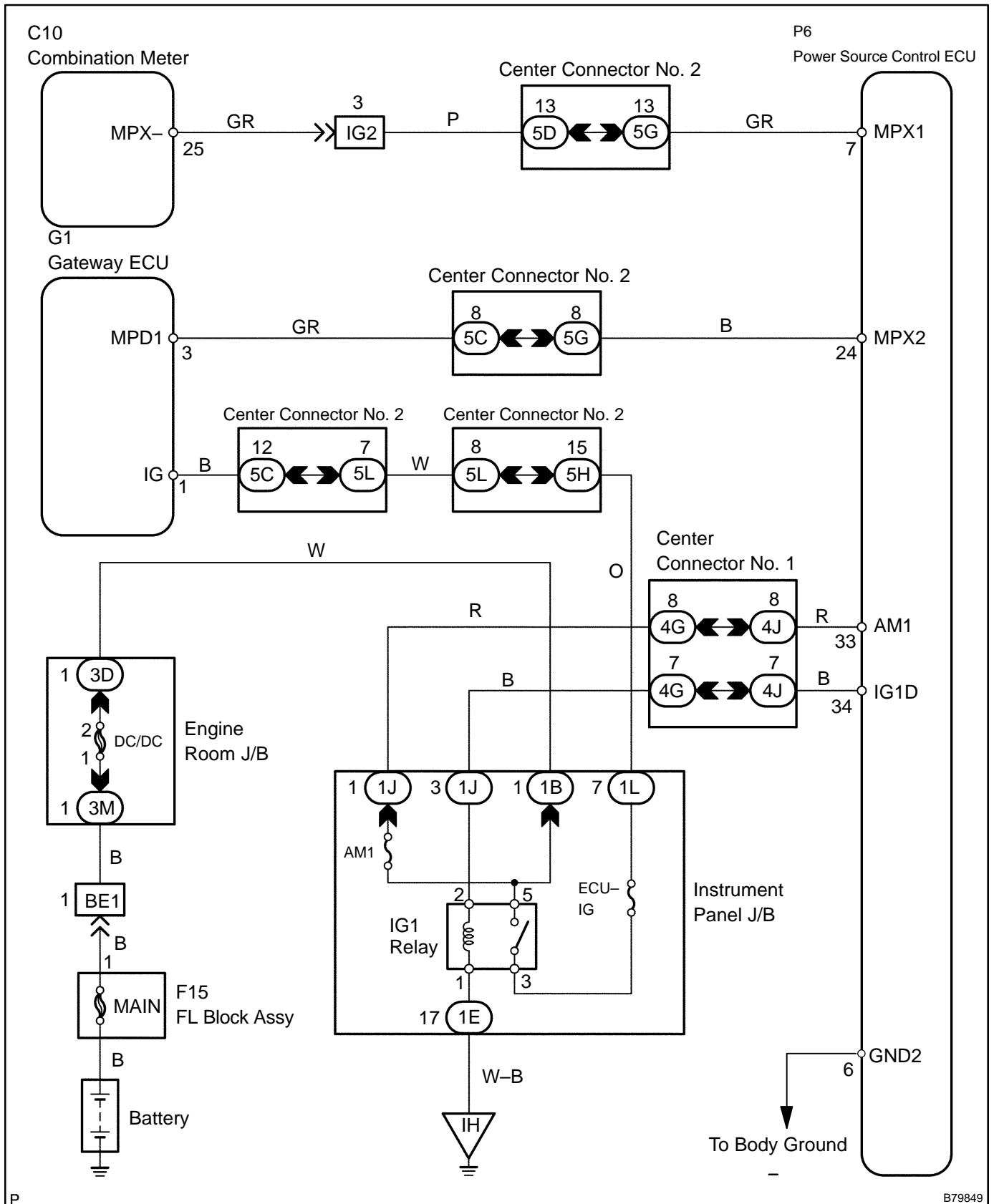
<b>DTC</b>	<b>B1210</b>	<b>POWER SOURCE CONTROL ECU COMMUNICATION STOP</b>
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### CIRCUIT DESCRIPTION

This DTC is detected when communication between the power source control ECU and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1210	Power source control ECU communication stops	<ul style="list-style-type: none"> <li>• Power source control ECU</li> <li>• Wire harness</li> </ul>

# WIRING DIAGRAM



P

B79849

# INSPECTION PROCEDURE

## 1 CHECK OPERATION

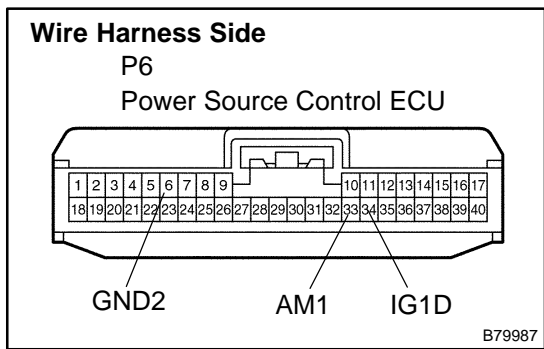
- (a) Without depressing the brake pedal, push the power switch repeatedly. Check that the power modes change between OFF, ON (ACC) and ON (IG) alternately.

**OK: Smart indicator illuminates or starts blinking according to power modes.**

**NG** → **Go to PUSH BUTTON START SYSTEM (See page 05-2429)**

**OK**

## 2 CHECK WIRE HARNESS (POWER SOURCE CONTROL ECU – BODY GROUND)



- (a) Disconnect the P6 ECU connector.
- (b) Measure the resistance and voltage of the wire harness side connector.

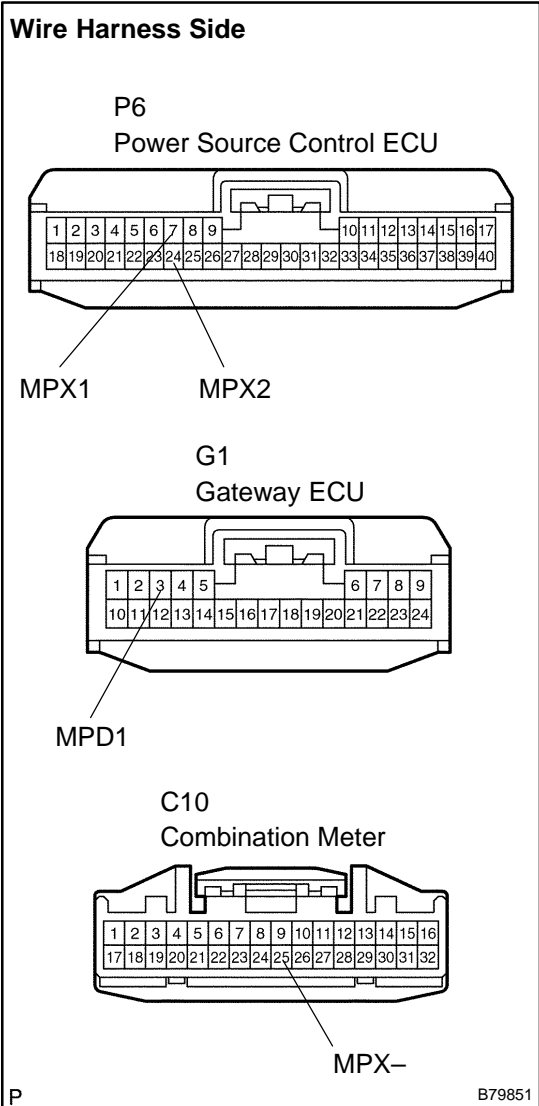
**Standard:**

Tester Connection	Condition	Specified Condition
P6-34 (IG1D) – Body ground	Power switch 1: OFF → 2: ON (IG)	1: 0 V → 2: 10 to 14 V
P6-33 (AM1) – Body ground	Constant	10 to 14 V
P6-6 (GND2) – Body ground	Constant	Below 1 Ω

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

**OK**

**3 CHECK RESISTANCE OF COMMUNICATION LINE**



- (a) Disconnect the P6 and G1 ECU connectors.
- (b) Disconnect the C10 meter connector.
- (c) Measure the resistance between the wire harness side connectors.

**Standard:**

Tester Connection	Specified Condition
P6-7 (MPX1) - C10-25 (MPX-)	Below 1 Ω
P6-24 (MPX2) - G1-3 (MPD1)	Below 1 Ω

**Result:**

Result	Proceed to
Both are OK	A
One is OK	B
Both are NG	C

**B** → **REPLACE POWER SOURCE CONTROL ECU AND REPAIR OR REPLACE HARNESS AND CONNECTOR**

**C** → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

**A**

**REPLACE POWER SOURCE CONTROL ECU**