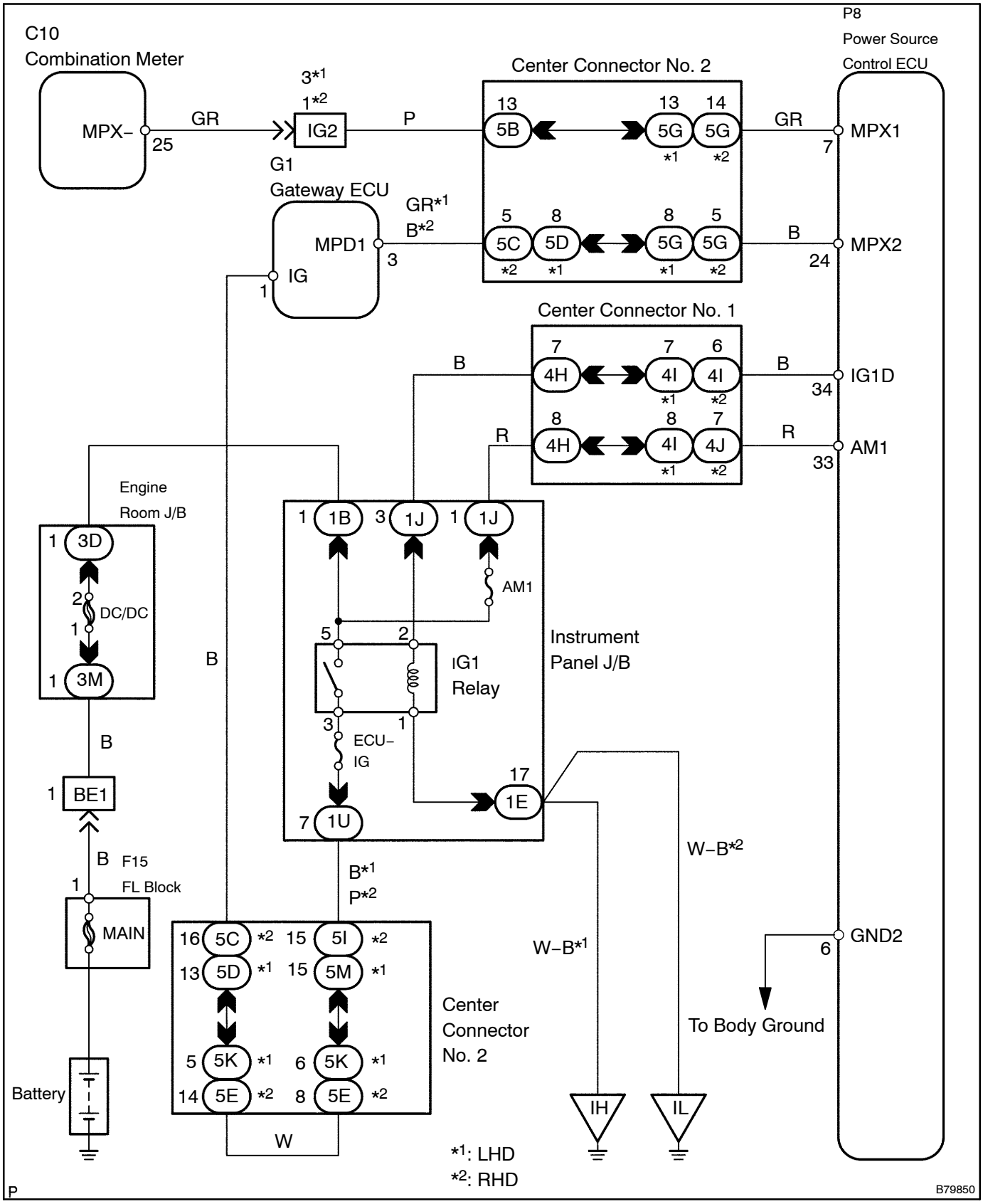
DTC	B1210	POWER SOURCE CONTROL ECU COMMUNICATION STOP

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	• Power source control ECU • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

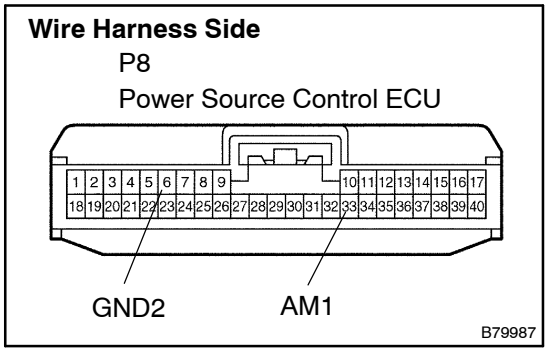
1	CHECK OPERATION

(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 05–2131)**

OK

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



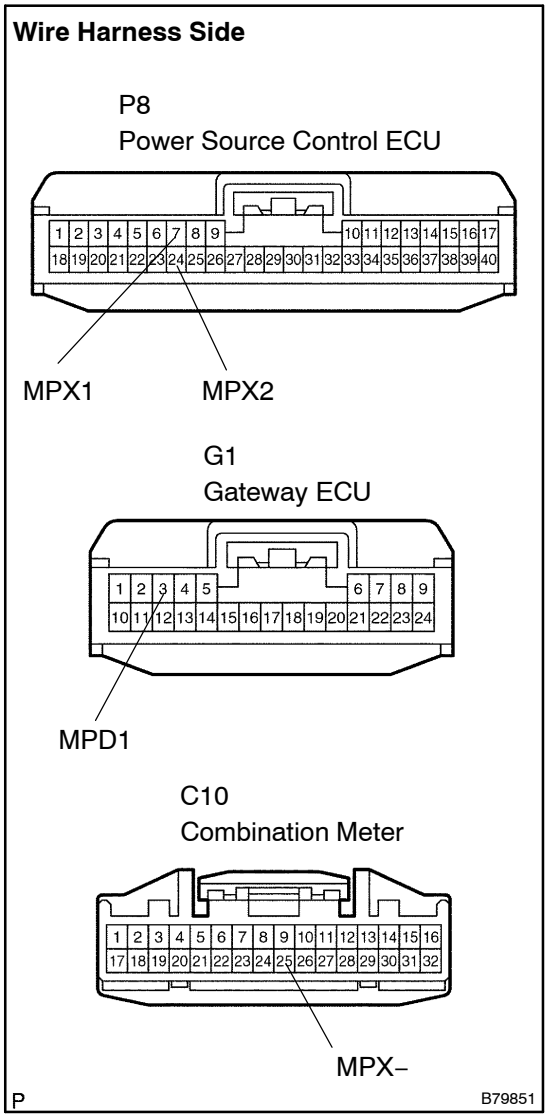
(a) Disconnect the P8 ECU connector.
(b) Measure the resistance and voltage of the wire harness side connector.
Standard:

Tester Connection	Condition	Specified Condition
P8–33 (AM1) – Body ground	Power switch 1: OFF → 2: ON (IG)	1: 0 V → 2: 10 to 14V
P8–6 (GND2) – Body ground	Constant	Below 1 Ω

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

OK

3 CHECK RESISTANCE OF COMMUNICATION LINE



(a) Disconnect the P8 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
P8–7 (MPX1) – C10–25 (MPX–)	Below 1 Ω
P8–24 (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