

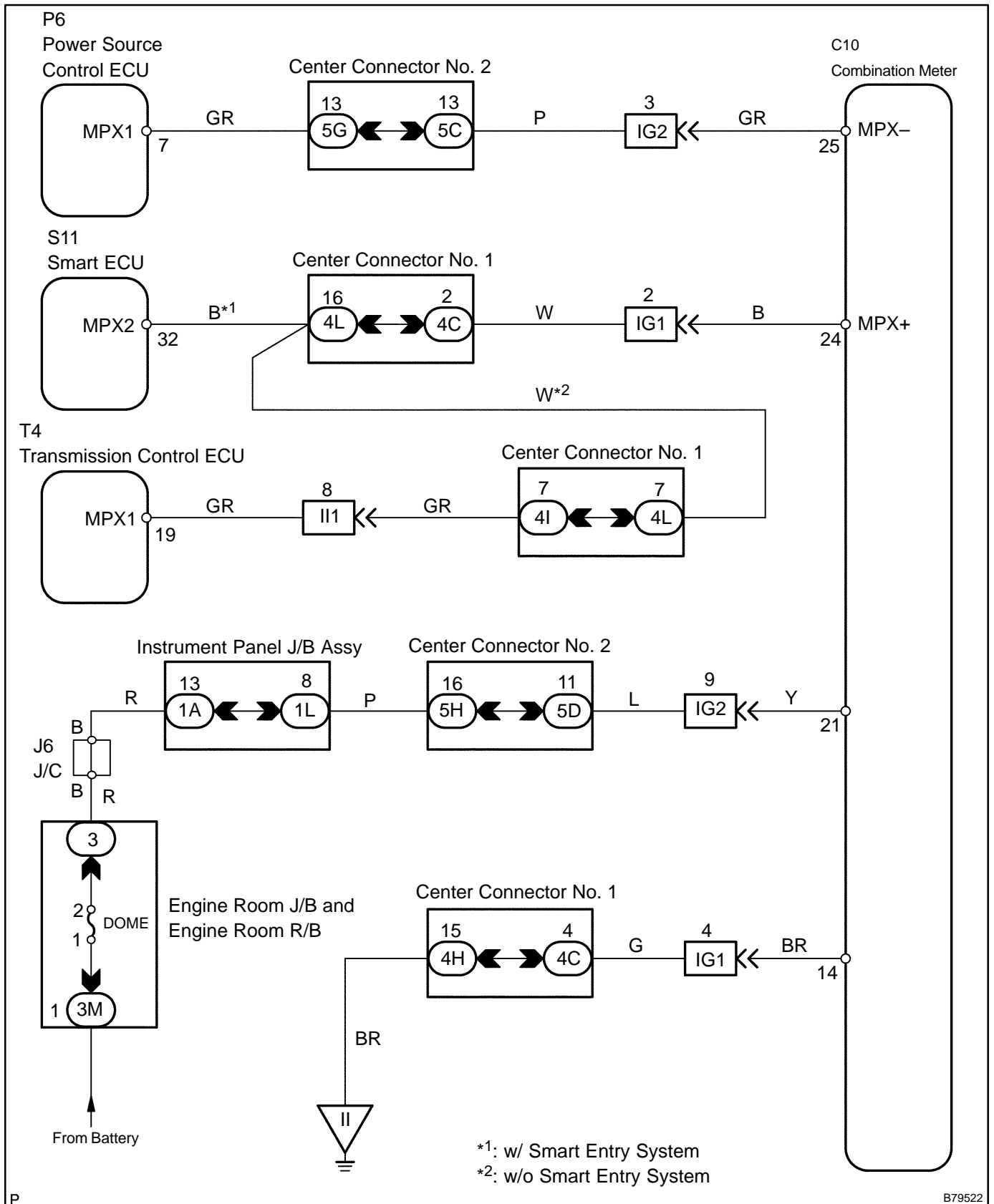
<b>DTC</b>	<b>B1271</b>	<b>COMBINATION METER ECU COMMUNICATION STOP</b>
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### CIRCUIT DESCRIPTION

This DTC is detected when communication between the combination meter assy (meter ECU) and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1271	Combination meter ECU communication stops	<ul style="list-style-type: none"> <li>• Combination meter assy</li> <li>• Wire harness</li> </ul>

WIRING DIAGRAM



B79522

# INSPECTION PROCEDURE

## 1 CHECK OPERATION

- (a) Check that the indicator (READY) on the combination meter illuminates when the hybrid vehicle control system is operating (power switch ON (READY)).

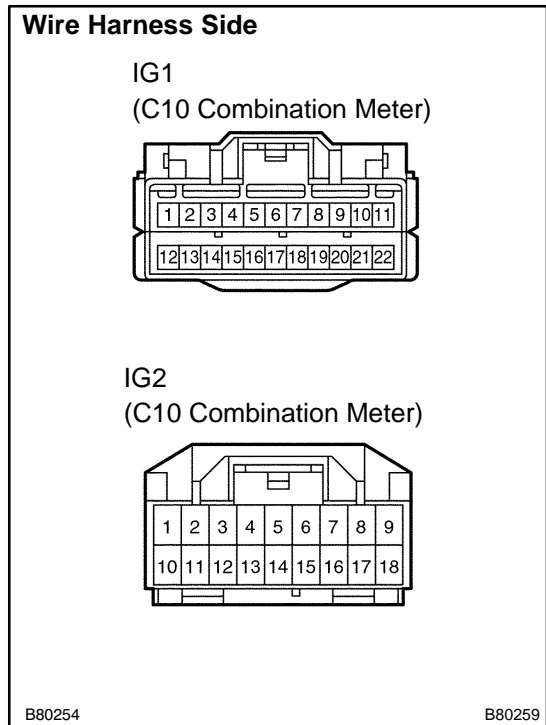
**OK: Indicator can operate properly.**

**NG** → Go to step 2

**OK**

## REPLACE COMBINATION METER ASSY

## 2 CHECK WIRE HARNESS (COMBINATION METER ASSY – BODY GROUND)



- (a) Disconnect the IG1 and IG2 meter connectors.
- (b) Measure the resistance and voltage of the wire harness side connector.

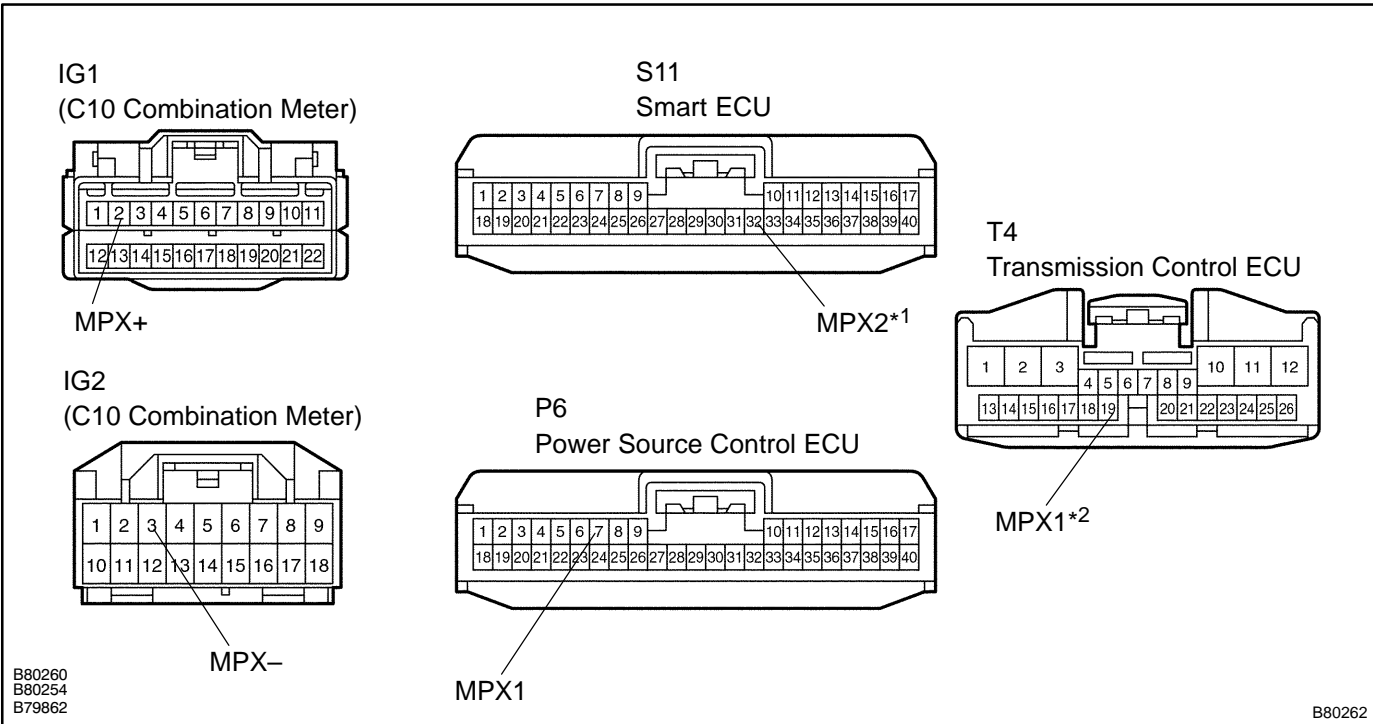
**Standard:**

Tester Connection	Specified Condition
IG2-9 – Body ground	10 to 14 V
IG1-4 – Body ground	Below 1 Ω

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

**OK**

**3 CHECK RESISTANCE OF COMMUNICATION LINE**



- (a) Disconnect the IG1 and IG2 meter connectors.
- (b) Disconnect the P6 and, S11 or T4 ECU connectors.
- (c) Measure the resistance of the wire harness side connectors.

**Standard:**

Tester Connection	Specified Condition
IG1-2 (MPX+) - S11-32 (MPX2)*1	Below 1 Ω
IG1-2 (MPX+) - T4-19 (MPX1)*2	Below 1 Ω
IG2-3 (MPX-) - P6-7 (MPX1)	Below 1 Ω

\*1: w/ Smart entry system  
 \*2: w/o Smart entry system

**Result:**

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

**B** → REPLACE COMBINATION METER ASSY AND REPAIR OR REPLACE HARNESS AND CONNECTOR

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

**A**

**REPLACE COMBINATION METER ASSY**