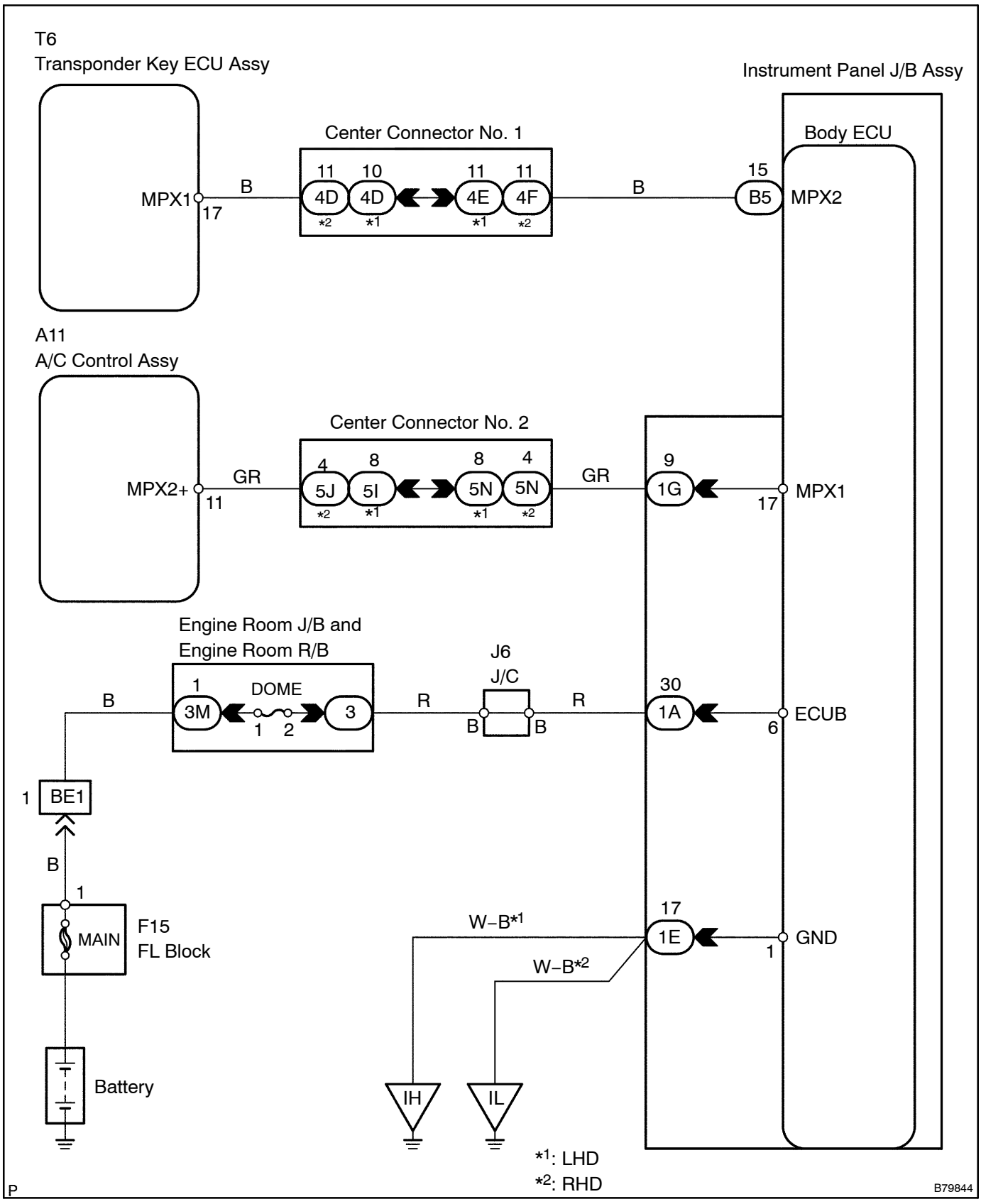
DTC B1200 BODY ECU COMMUNICATION STOP

CIRCUIT DESCRIPTION

This DTC is detected when communication between the multiplex network body ECU and gateway ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1200	Body ECU communication stops	• Instrument panel J/B assy (Body ECU) • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

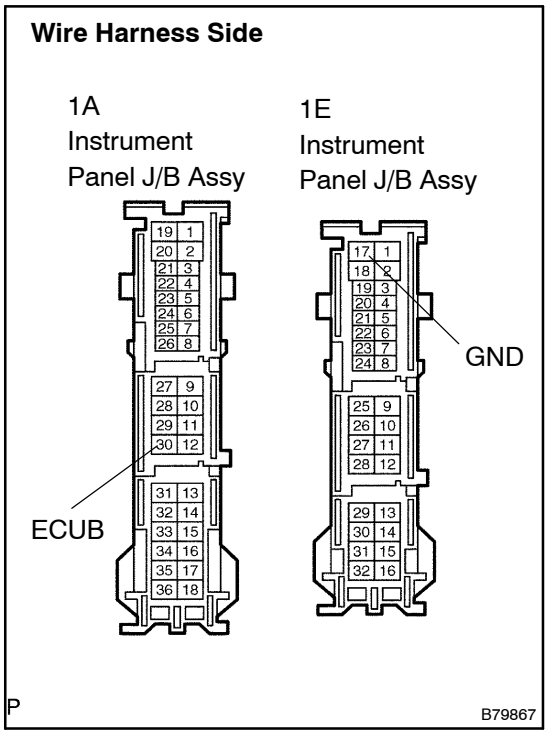
1	INSPECT FUSE (DOME)

(a) Remove the DOME fuse from engine room J/B and engine room R/B.
(b) Measure the resistance.
Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

2	CHECK WIRE HARNESS (INSTRUMENT PANEL J/B ASSY – BODY GROUND)



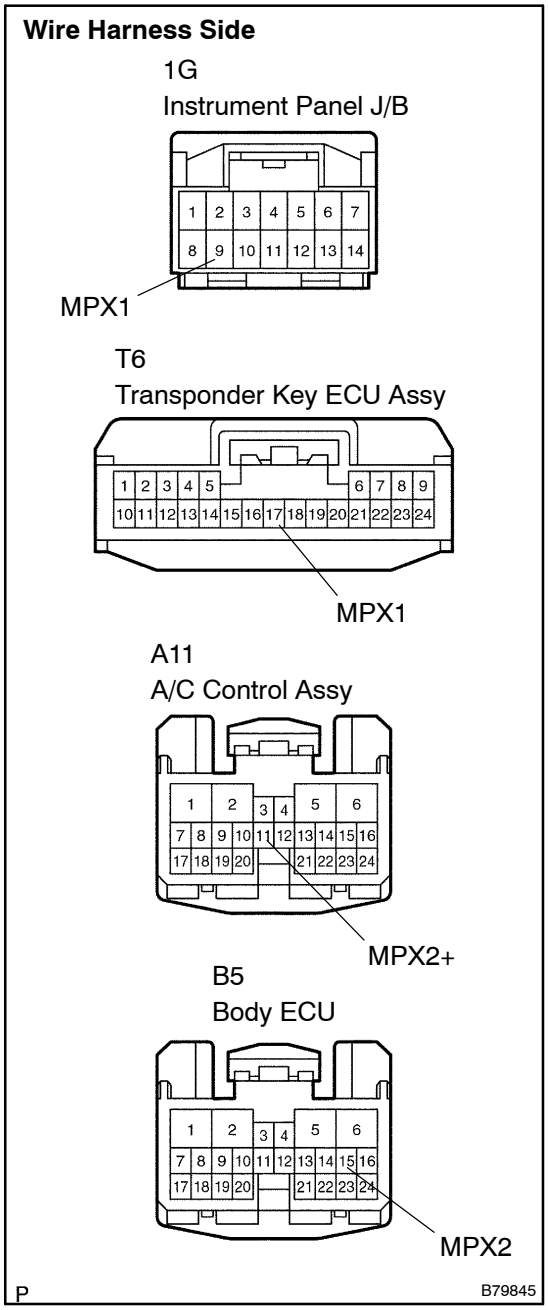
(a) Disconnect the 1A and 1E J/B connectors.
(b) Measure the voltage and resistance of the wire harness side connectors.
Standard:

Tester Connection	Specified Condition
1A–30 – Body ground	10 to 14 V
1E–17 – Body ground	Below 1 Ω

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

OK

3 CHECK RESISTANCE OF COMMUNICATION LINE



(a) Disconnect the 1G J/B connector.
(b) Disconnect the T6, A11 and B5 ECU connectors.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
T6–17 (MPX1) – B5–15 (MPX2)	Below 1 Ω
A11–11 (MPX2+) – 1G–9 (MPX1)	Below 1 Ω

Result:

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

A

REPLACE INSTRUMENT PANEL J/B ASSY

B → **REPLACE INSTRUMENT PANEL J/B ASSY AND REPAIR OR REPLACE HARNESS AND CONNECTOR**

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