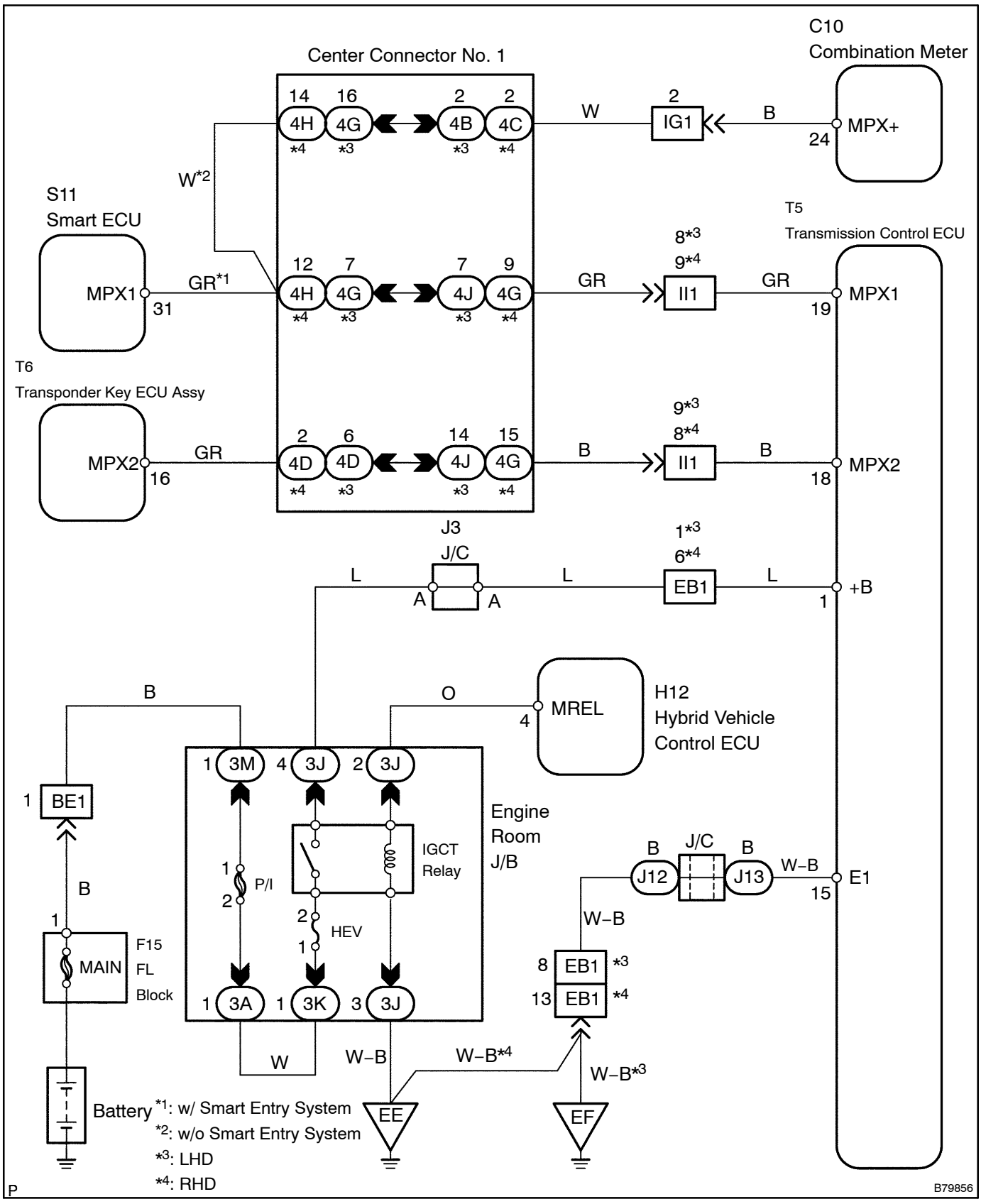
DTC	B1260	TRANSMISSION CONTROL ECU COMMUNICATION STOP

CIRCUIT DESCRIPTION

This DTC is detected when communication between the transmission control ECU and gateway ECU stops for more than10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1260	Transmission control ECU communication stops	• Transmission control ECU • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

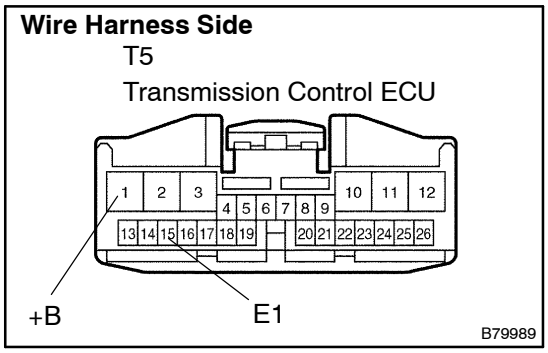
1	INSPECT FUSE (HEV)

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

NG → **REPLACE FUSE**

OK

2	CHECK WIRE HARNESS (TRANSMISSION CONTROL ECU – BODY GROUND)



(a) Disconnect the T5 ECU connector.
(b) Measure the voltage and resistance of the wire harness side connector.
Standard:

Tester Connection	Condition	Specified Condition
T5–1 (+B) – Body ground	Power switch 1: OFF → 2: ON (IG)	1: 0 V → 2: 10 to 14V
T5–15 (E1) – Bodyground	Constant	Below 1 Ω

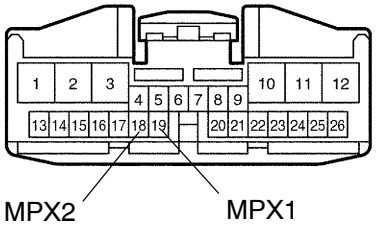
NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

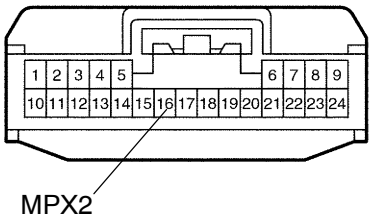
3 CHECK RESISTANCE OF COMMUNICATION LINE

Wire Harness Side

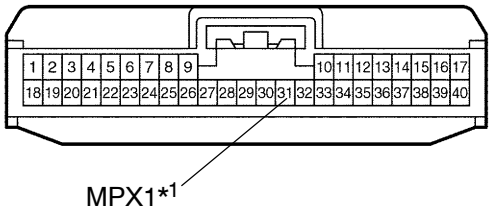
T5
Transmission Control ECU



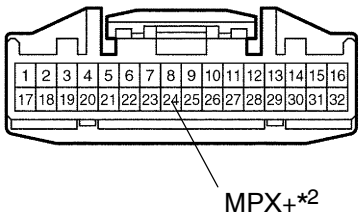
T6
Transponder Key ECU Assy



S11
Smart Key ECU



C10
Combination Meter



B79994

(a) Disconnect the T5 and T6 ECU connectors.
(b) Disconnect the S11 ECU connector or C10 combination meter assy connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
T5–19 (MPX1) – S11–31 (MPX1)*1	Below 1 Ω
T5–19 (MPX1) – C10–24 (MPX+)*2	Below 1 Ω
T5–18 (MPX2) – T6–16 (MPX2)	Below 1 Ω

Result:

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

*1: w/ smart entry system
*2: w/o smart entry system

A

REPLACE TRANSMISSION CONTROL ECU

B → **REPLACE TRANSMISSION CONTROL ECU AND REPAIR OR REPLACE HARNESS AND CONNECTOR**

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