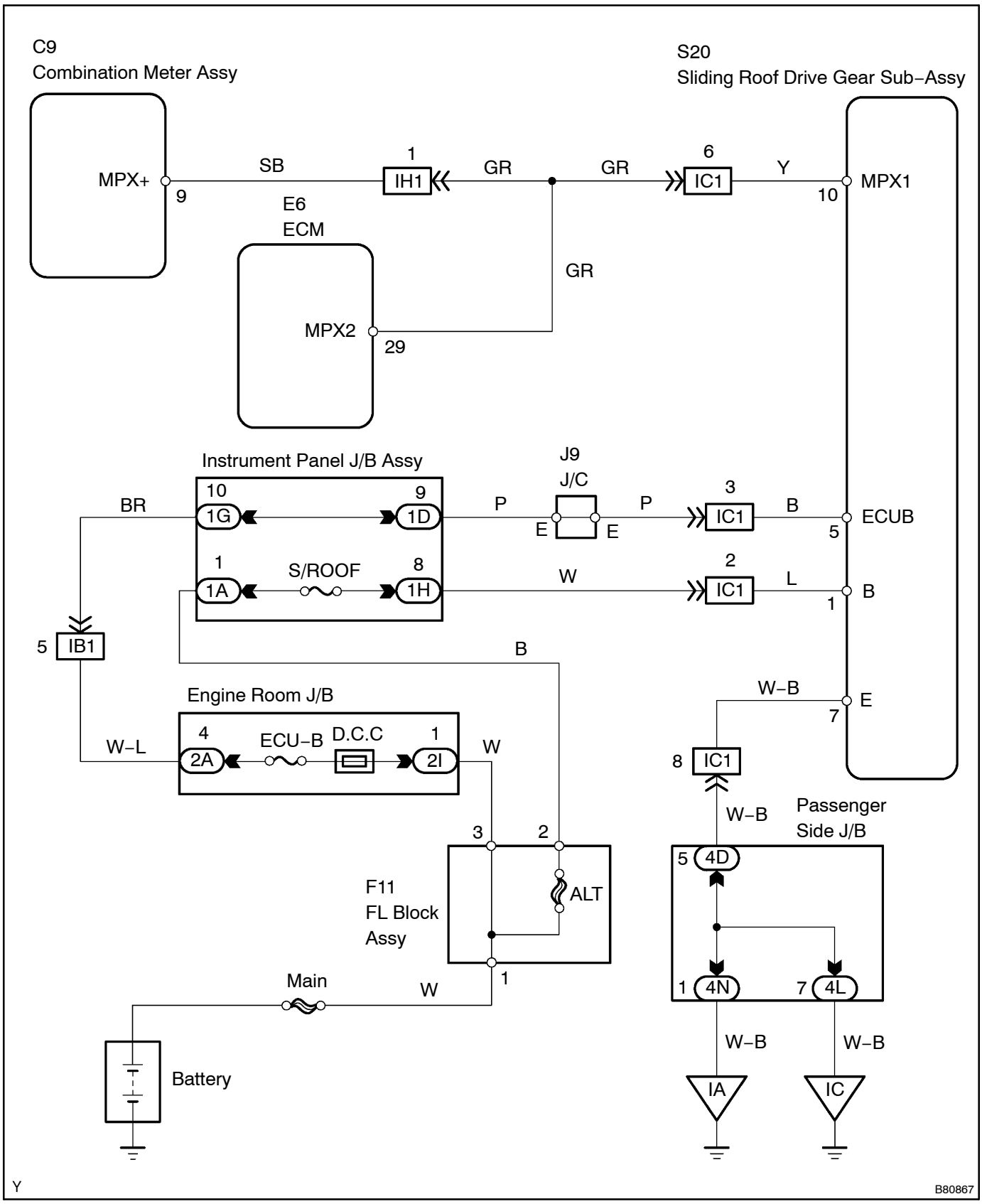
DTC	B1273/73	SLIDING ROOF ECU COMMUNICATION STOP

CIRCUIT DESCRIPTION

DTC B1273/73 will be output when the communication between the sliding roof drive gear sub–assy (sliding roof ECU) and the multiplex network body ECU stops for more than 10 seconds.

DTC No.	DTC Detection Condition	Trouble Area
B1273/73	No communication from sliding roof ECU for more than 10 seconds	• Sliding roof drive gear sub–assy • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1	CHECK SLIDING ROOF OPERATION

(a) Check that all functions of the sliding roof operate normally.
OK: All functions operates normally.

NG → **Go to step 2**

OK

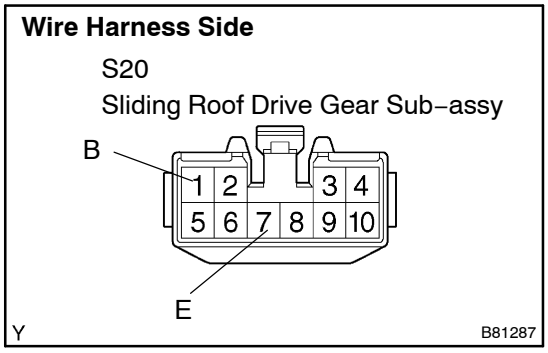
2	INSPECT FUSE (S/ROOF)

(a) Remove the S/ROOF fuse from instrument panel J/B.
(b) Measure the resistance.
Standard: Below 1 Ω

NG → **REPLACE FUSE**

OK

3	CHECK WIRE HARNESS (SLIDING ROOF DRIVE GEAR SUB–ASSY – BATTERY AND BODY GROUND)

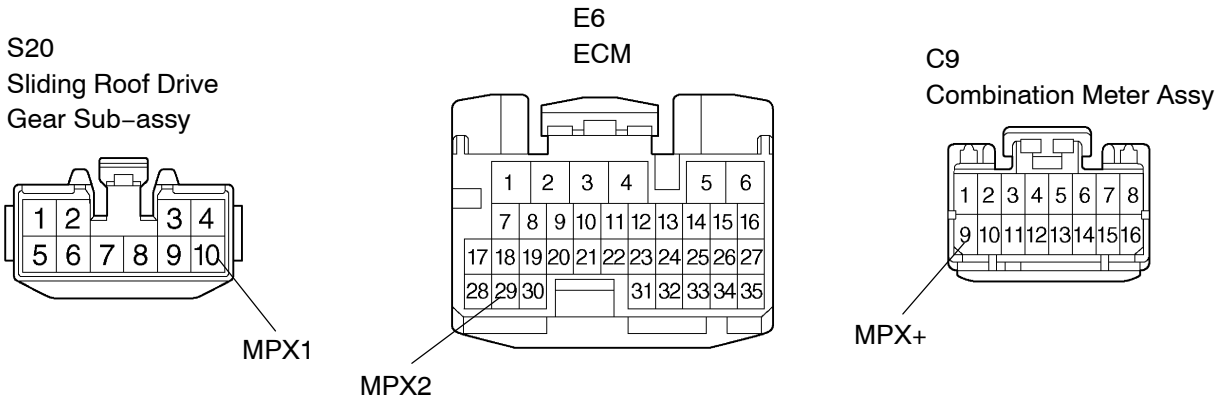


(a) Disconnect the S20 gear connector.
(b) Measure the resistance and voltage of the wire harness side connector.
Standard:

Tester Connection	Specified Condition
S20–1 (B) – Body ground	10 to 14 V
S20–7 (E) – Body ground	Below 1 Ω

4 CHECK RESISTANCE COMMUNICATION LINE

Wire Harness Side



(a) Disconnect the C9 combination connector.
(b) Disconnect the E6 ECM connector.
(c) Disconnect the S20 drive gear connector.
(d) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
S20–10 (MPX1) – C9–9 (MPX+)	Below 1 Ω
S20–10 (MPX1) – E6–29 (MPX2)	Below 1 Ω

Result:

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

B → **REPLACE SLIDING ROOF DRIVER GEAR SUB–ASSY AND REPAIR OR REPLACE HARNESS AND CONNECTOR**

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

A

REPLACE SLIDING ROOF DRIVER GEAR SUB–ASSY