

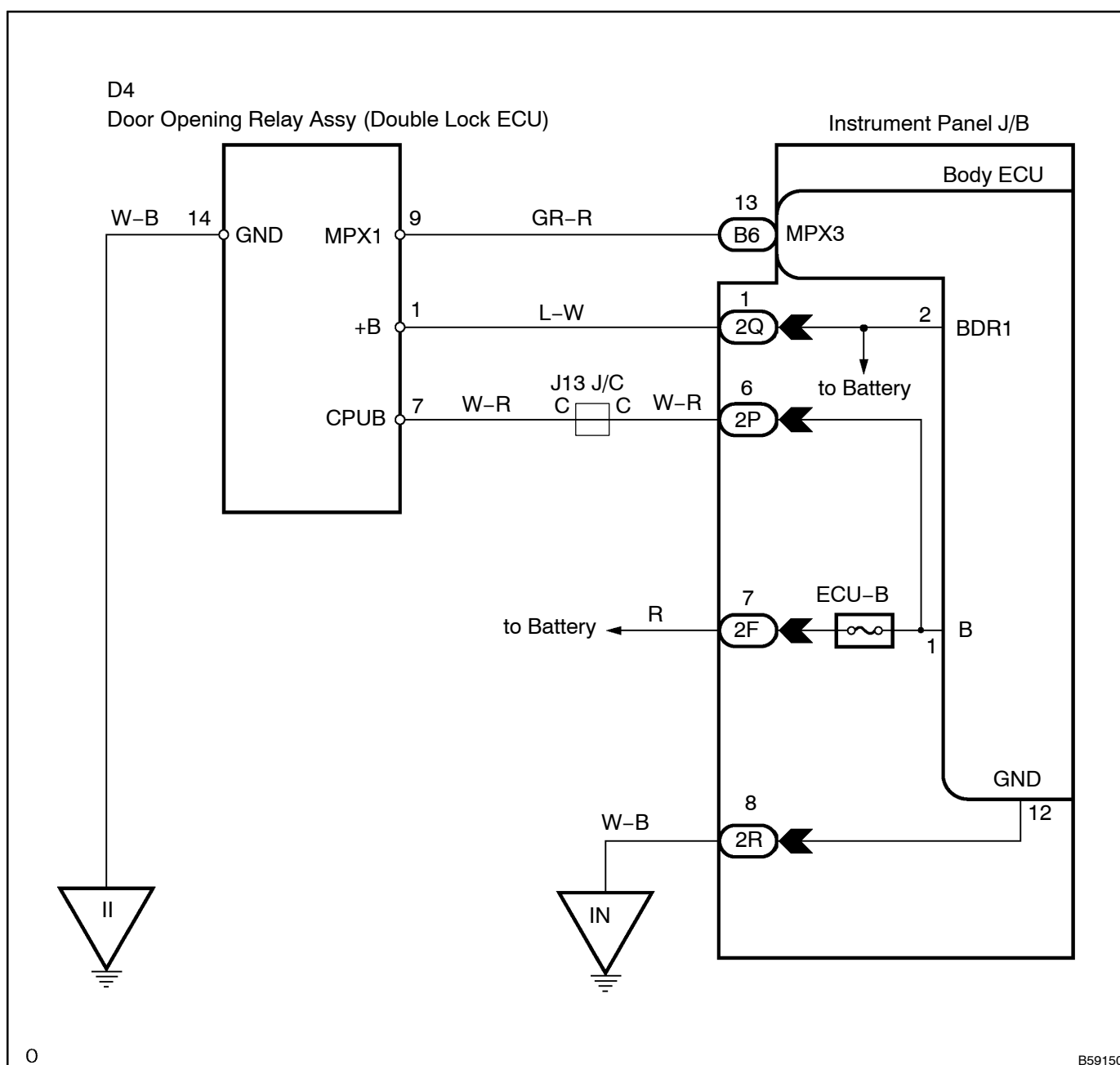
DTC	49	DOUBLE LOCK ECU COMMUNICATION STOP
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CIRCUIT DESCRIPTION

DTC No. 49 will be output when the communication between the instrument panel J/B (body ECU) and door opening relay assy (double lock ECU) stops for more than 10 seconds.

DTC No.	DTC detecting condition	Trouble area
49	Double lock ECU communication stop	<ul style="list-style-type: none"> Door opening relay assy (Double lock ECU) Wire harness

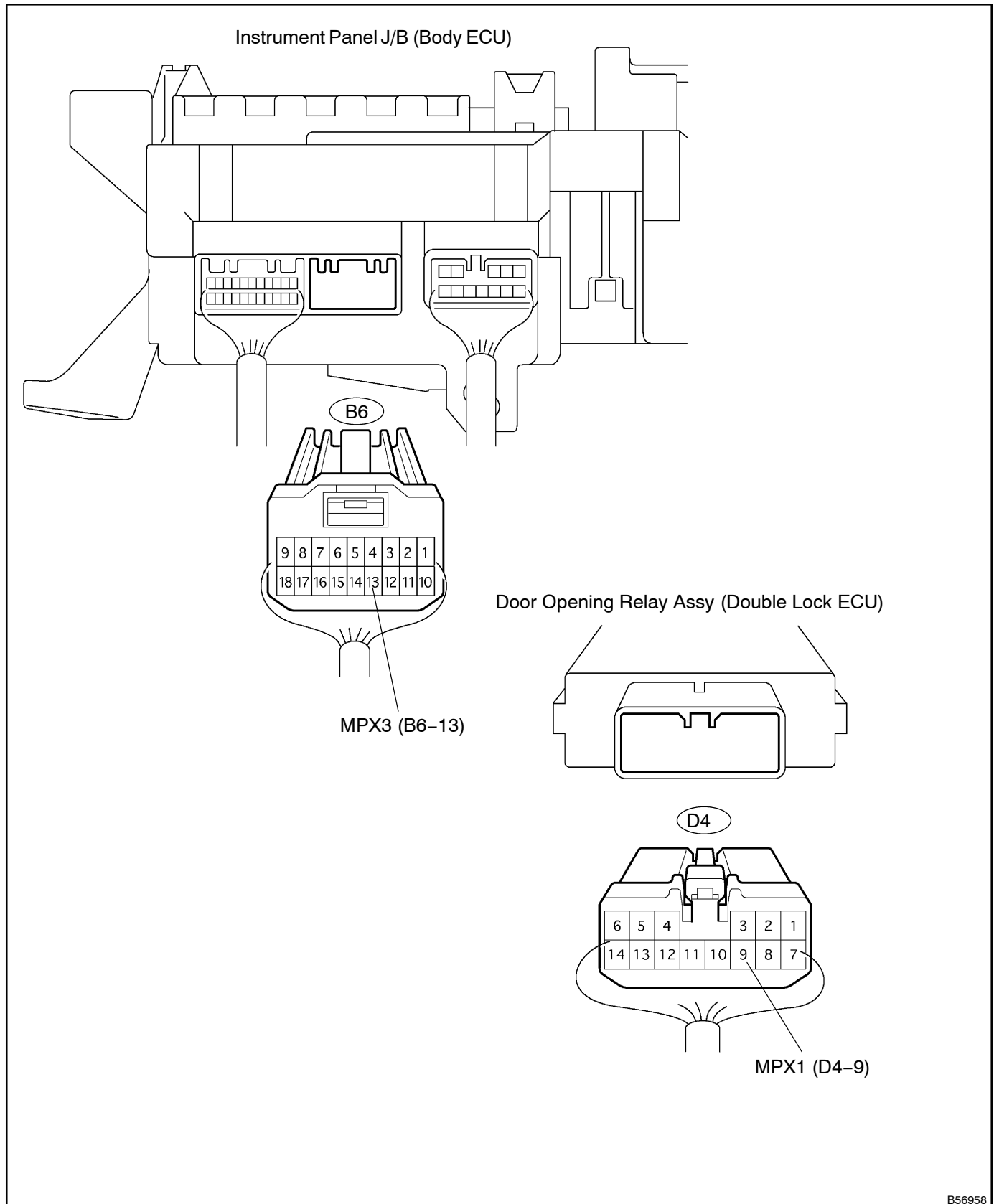
WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK CONTINUITY OF COMMUNICATION LINE

- (a) Check the wire harness between the instrument panel J/B (body ECU) and door opening relay assy (double lock ECU).



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- (1) Disconnect the connectors of the B6 instrument panel J/B (body ECU) and D4 door opening relay assy (double lock ECU).
- (2) Check the continuity between terminal MPX3 (B6-13) of the instrument panel J/B (body ECU) wire harness side connector and terminal MPX1 (D4-9) of the door opening relay assy (double lock ECU) wire harness side connector.

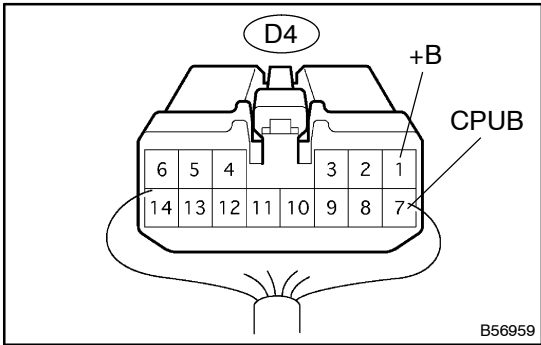
Standard: Continuity

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REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR

OK

2 CHECK DOOR OPENING RELAY ASSY (DOUBLE LOCK ECU) (POWER SOURCE)



- (a) Inspect the ECU power source input.
- (1) Disconnect the D4 ECU connector.
 - (2) Check the voltage between each terminal of the ECU wire harness side connector and the body ground.

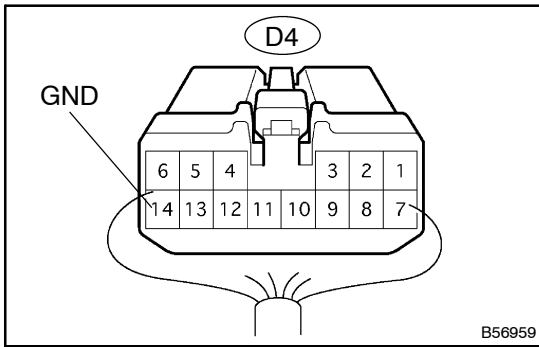
Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified condition
+B1 ⇔ Body ground (D4-1) ⇔ (Body ground)	L-W ⇔ Body ground	Constant	10 - 14 V
CPUB ⇔ Body ground (D4-7) ⇔ (Body ground)	W-R ⇔ Body ground		

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REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR

OK

3 CHECK DOOR OPENING RELAY ASSY (DOUBLE LOCK ECU) (GROUND)

- (a) Inspect the ECU body ground.
- (1) Disconnect the D4 ECU connector.
 - (2) Check the continuity between terminal GND (D4-14) of the ECU wire harness side connector and the body ground.

Standard: Continuity

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REPAIR OR REPLACE WIRE HARNESS AND CONNECTOR

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REPLACE DOOR OPENING RELAY ASSY