

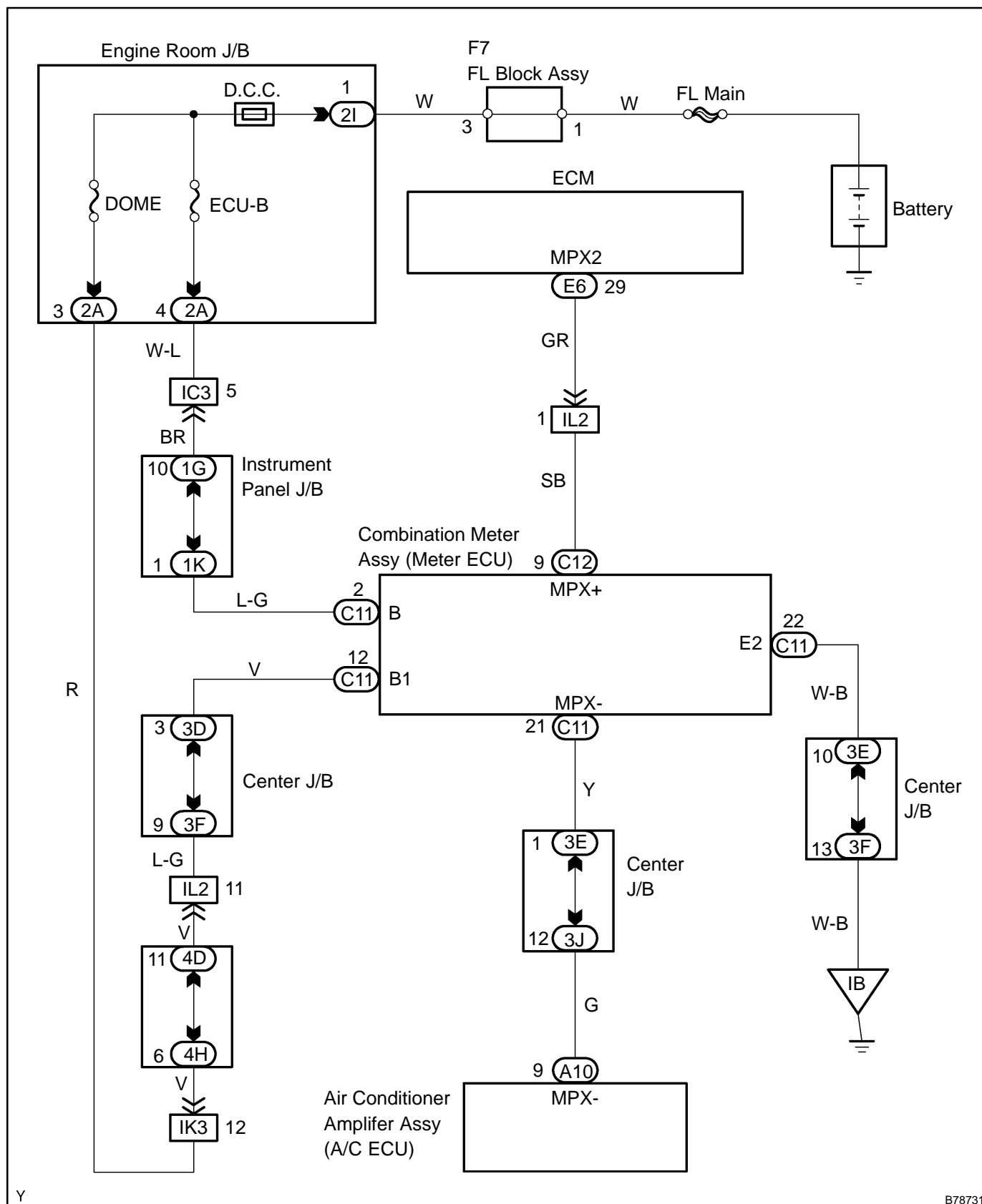
DTC	B1271	COMBINATION METER ECU COMMUNICATION STOP
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CIRCUIT DESCRIPTION

B1271 will be output when the communication between the combination meter assy (meter ECU) and multiplex network body ECU stops for more than 10 seconds.

DTC No.	DTC Detecting Condition	Trouble Area
B1271	No communication from meter ECU for more than 10 seconds	<ul style="list-style-type: none">• Combination meter assy (meter ECU)• Wire harness

WIRING DIAGRAM



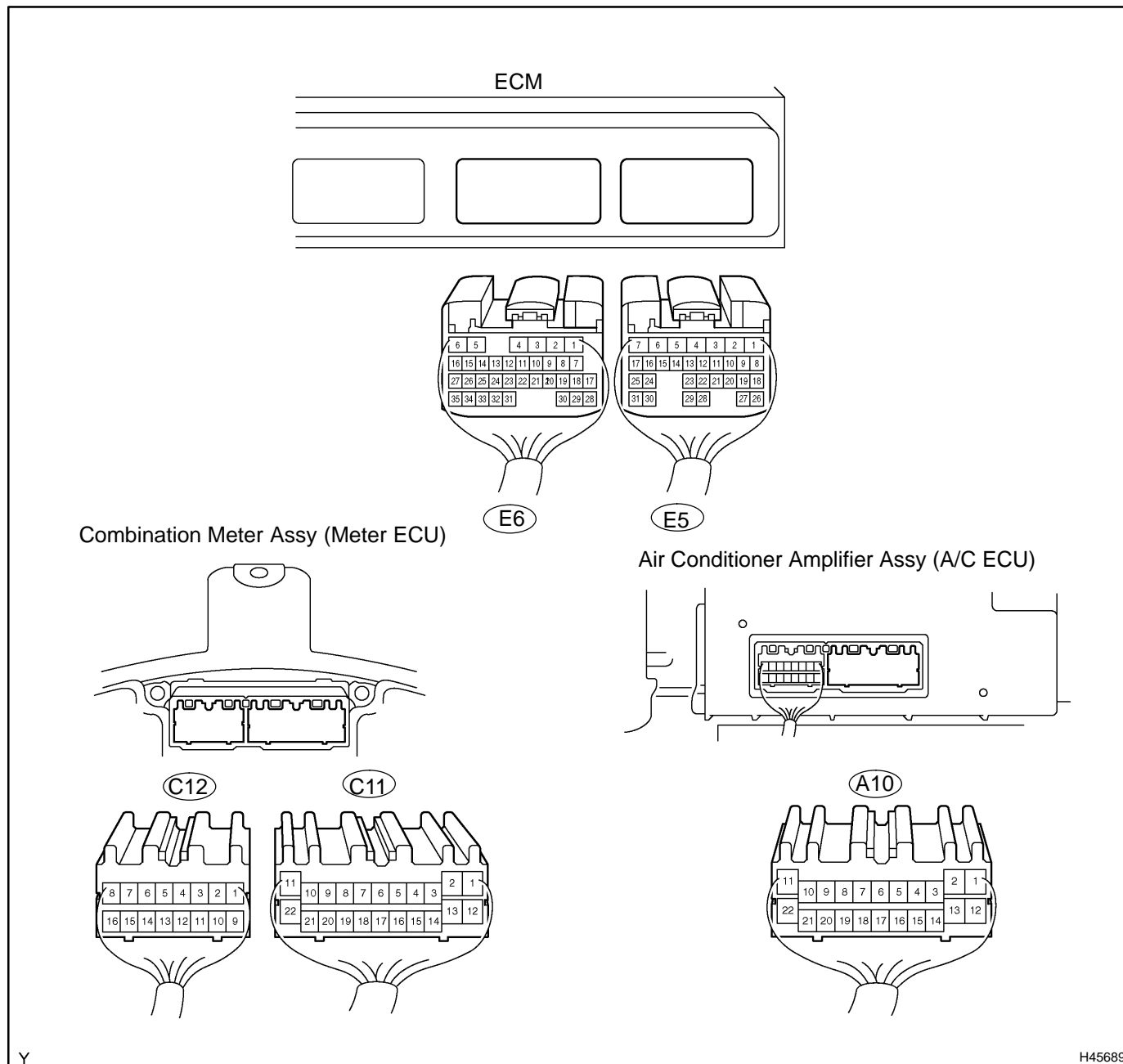
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INSPECTION PROCEDURE

1 CHECK CONTINUITY OF COMMUNICATION LINE

- (a) Inspect the wire harness between the ECM, combination meter assy (meter ECU) and air conditioner amplifier assy (A/C ECU).



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- (1) Disconnect the connectors of the meter assy, ECM and air conditioner amplifier.
- (2) Inspect the continuity between terminal C12-9 (MPX+) of the meter assy vehicle's side connector and terminal E6-29 (MPX2) of the ECM vehicle's side connector.

Standard:

Symbols (Terminal No.)	Specified Condition
MPX+ (C12-9) ⇔ MPX2 (E6-29) (equipped with 1MZ-FE)	Continuity
MPX+ (C12-9) ⇔ MPX2 (E6-29) (equipped with 2AZ-FE)	Continuity

- (3) Inspect the continuity between terminal C11-21 (MPX-) of the meter assy vehicle's side connector and terminal A10-9 (MPX-) of the air conditioner amplifier vehicle's side connector.

Standard: Continuity

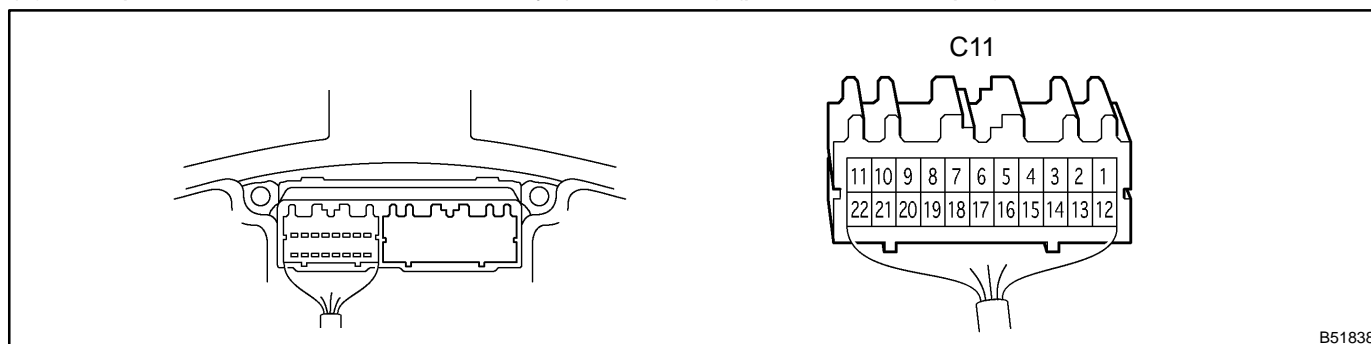
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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2 CHECK COMBINATION METER ASSY

- (a) Inspect the combination meter assy (meter ECU) (power source input).



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- (1) Disconnect the meter assy connector C11.
- (2) Inspect the voltage of each terminal of the vehicle's side connector.

Standard:

Symbols (Terminal No.)	Condition	Specified Condition
B (C11-2) ⇔ Body ground	Constant	10 - 14 V
B1 (C11-12) ⇔ Body ground	Constant	10 - 14 V

HINT:

If the value is not as specified, there may be a malfunction in the vehicle's side connector.

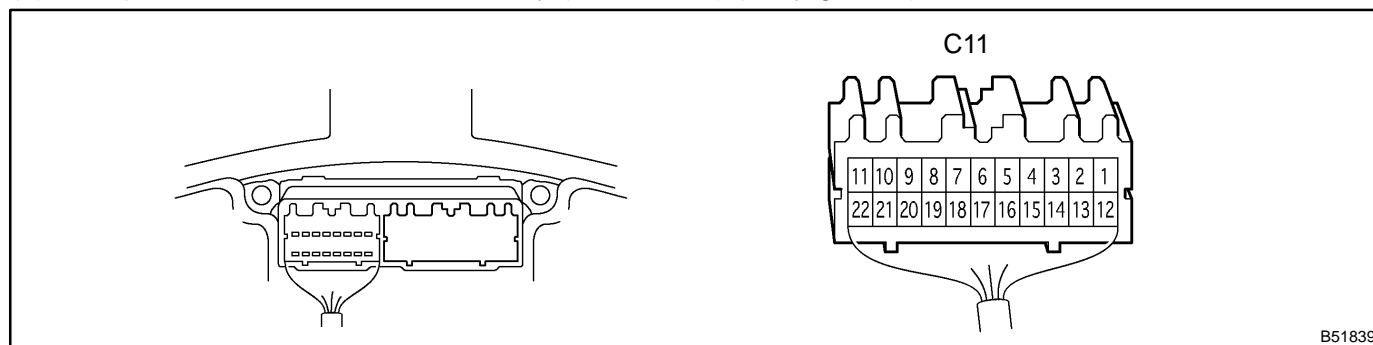
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REPAIR OR REPLACE FUSE OR WIRE HARNESS AND CONNECTOR

OK

3 CHECK COMBINATION METER ASSY

(a) Inspect the combination meter assy (meter ECU) (body ground).



- (1) Disconnect the meter assy connector C11.
- (2) Inspect the continuity between terminal C11-22 (E2) of the vehicle's side connector and the body ground.

Standard: Continuity

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE COMBINATION METER ASSY