

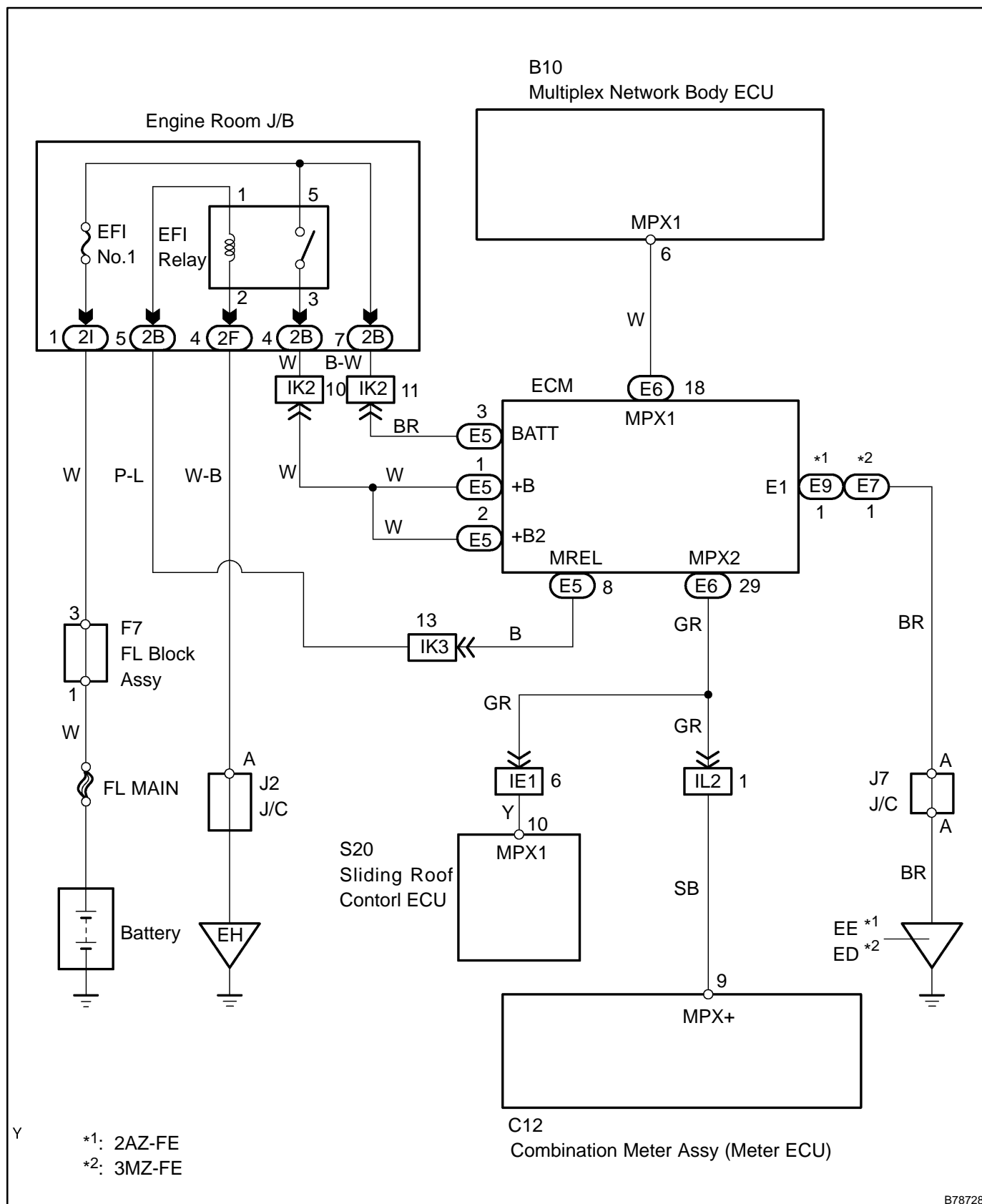
DTC	B1261	ECM (ENGINE ECU) COMMUNICATION STOP
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CIRCUIT DESCRIPTION

B1261 will be output when the communication between the ECM and multiplex network body ECU stops for more than 10 seconds.

DTC No.	DTC Detecting Condition	Trouble Area
B1261	No communication from ECM for more than 10 seconds	<ul style="list-style-type: none">• ECM• Wire harness

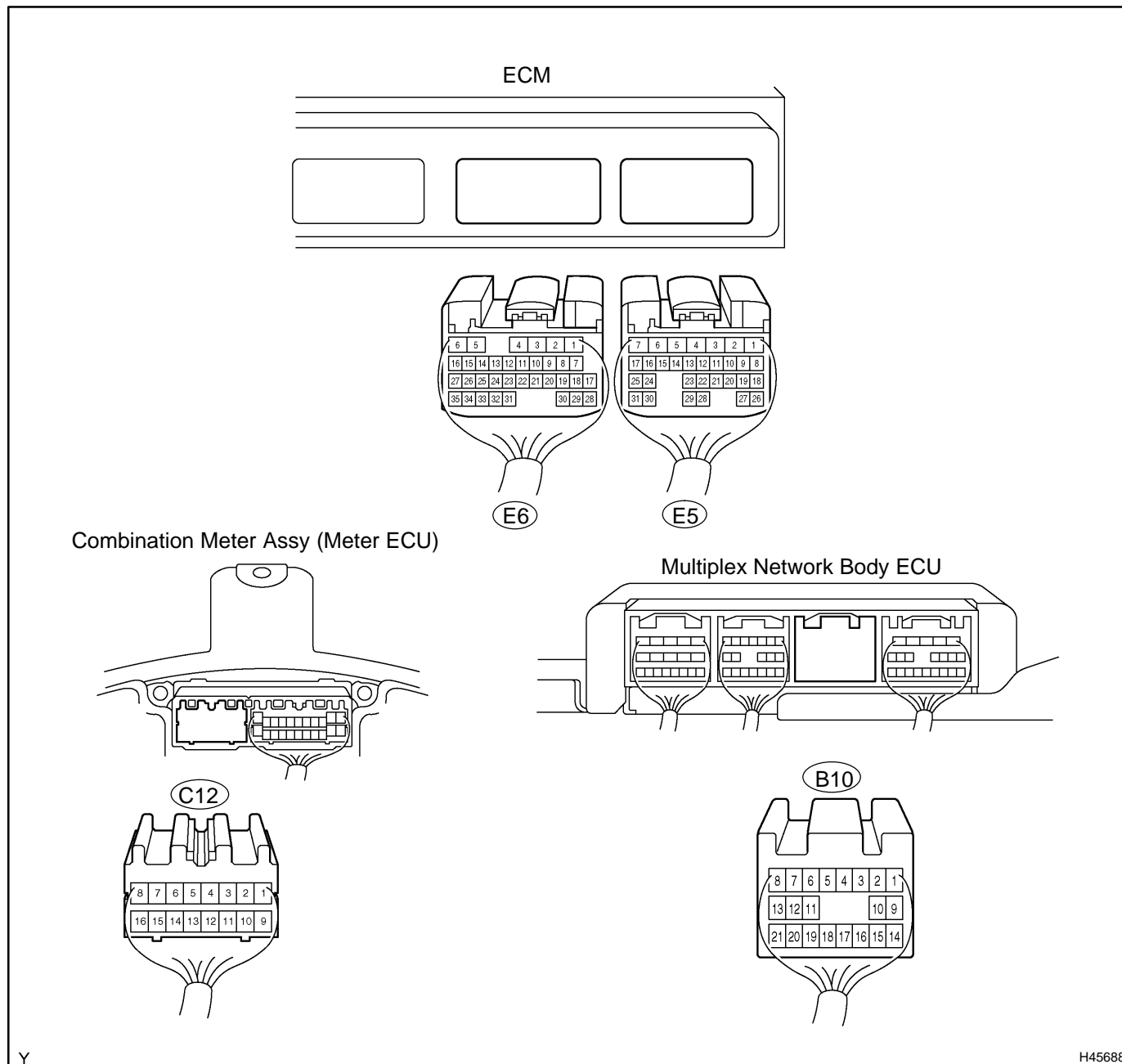
WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK CONTINUITY OF COMMUNICATION LINE

- (a) Check the wire harness between the combination meter assy (meter ECU), ECM and multiplex network body ECU



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- (1) Disconnect the connectors of the meter assy, ECM and body ECU.
- (2) Inspect the continuity between terminals E6-18 (MPX1) of the ECM vehicle's side connector and B10-6 (MPX1) of the body ECU vehicle's side connector.

Standard:

Symbols (Terminal No.)	Specified Condition
MPX1 (E6-18) ⇔ MPX1 (B10-6) (equipped with 1MZ-FE)	Continuity
MPX1 (E6-18) ⇔ MPX1 (B10-6) (equipped with 2AZ-FE)	Continuity

- (3) Inspect the continuity between terminals E6-29 (MPX2) of the ECM vehicle's side connector and C12-9 (MPX+) of the meter assy vehicle's side connector.

Standard:

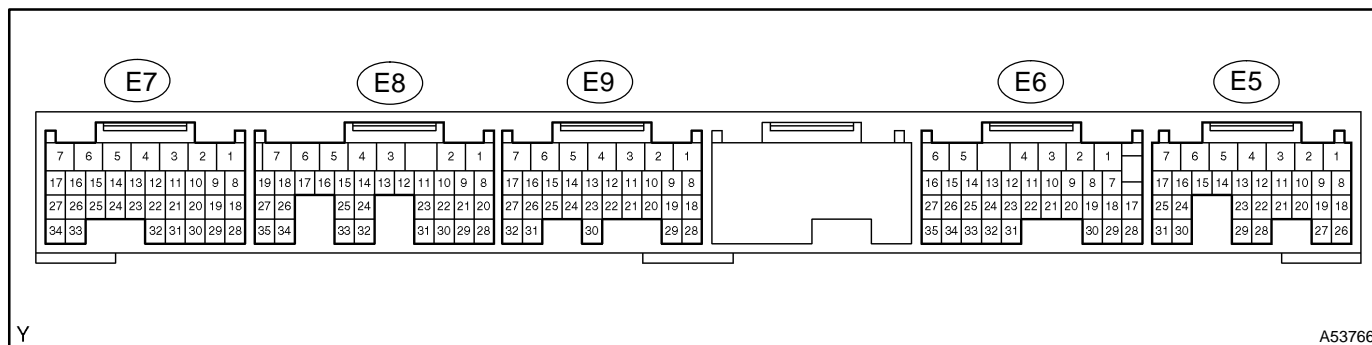
Symbols (Terminal No.)	Specified Condition
MPX2 (E6-29) ⇔ MPX+ (C12-9) (equipped with 1MZ-FE)	Continuity
MPX2 (E6-29) ⇔ MPX+ (C12-9) (equipped with 2AZ-FE)	Continuity

NG**REPAIR OR REPLACE HARNESS AND CONNECTOR****OK****2 CHECK ECM**

- (a) Inspect the ECM (power source input).

NOTICE:

Do not disconnect the ECM connector. The inspection should be started from the backside of the connector.

**Standard:**

Symbols (Terminal No.)	In/Output	Condition	Specified Condition
BATT (E5-3) ⇔ Body ground	Input	Constant	9 - 14 V
+B (E5-1) ⇔ Body ground	Input	Engine stopped, ignition switch ON	9 - 14 V
+B2 (E5-2) ⇔ Body ground	Input	Engine stopped, ignition switch ON	9 - 14 V

NG**REPAIR OR REPLACE FUSE OR WIRE HARNESS AND CONNECTOR****OK**

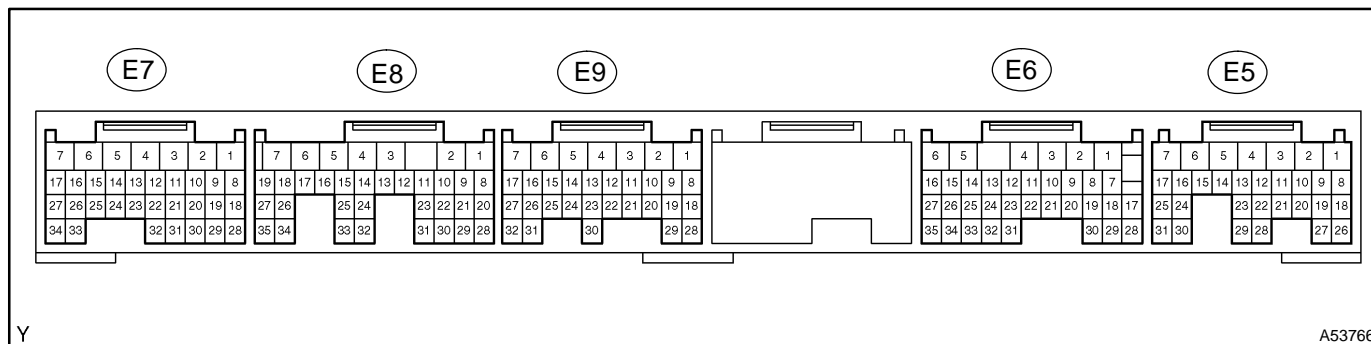
3 CHECK ECM

(a) Inspect the ECM (body ground).

NOTICE:

Do not disconnect the ECM connector. The inspection should be started from the backside of the connector.

(1) Inspect the continuity between each terminal of the ECM connector and the body ground.

**Standard:**

Symbols (Terminal No.)	In/Output	Condition	Specified Condition
E1 (E9-1 (*1), E7-1 (*2)) ⇔ Body ground	Input	Constant	Continuity

(*1) : 2AZ-FE

(*2) : 3MZ-FE

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REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE ECM