

DTC	P0560	SYSTEM VOLTAGE
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CIRCUIT DESCRIPTION

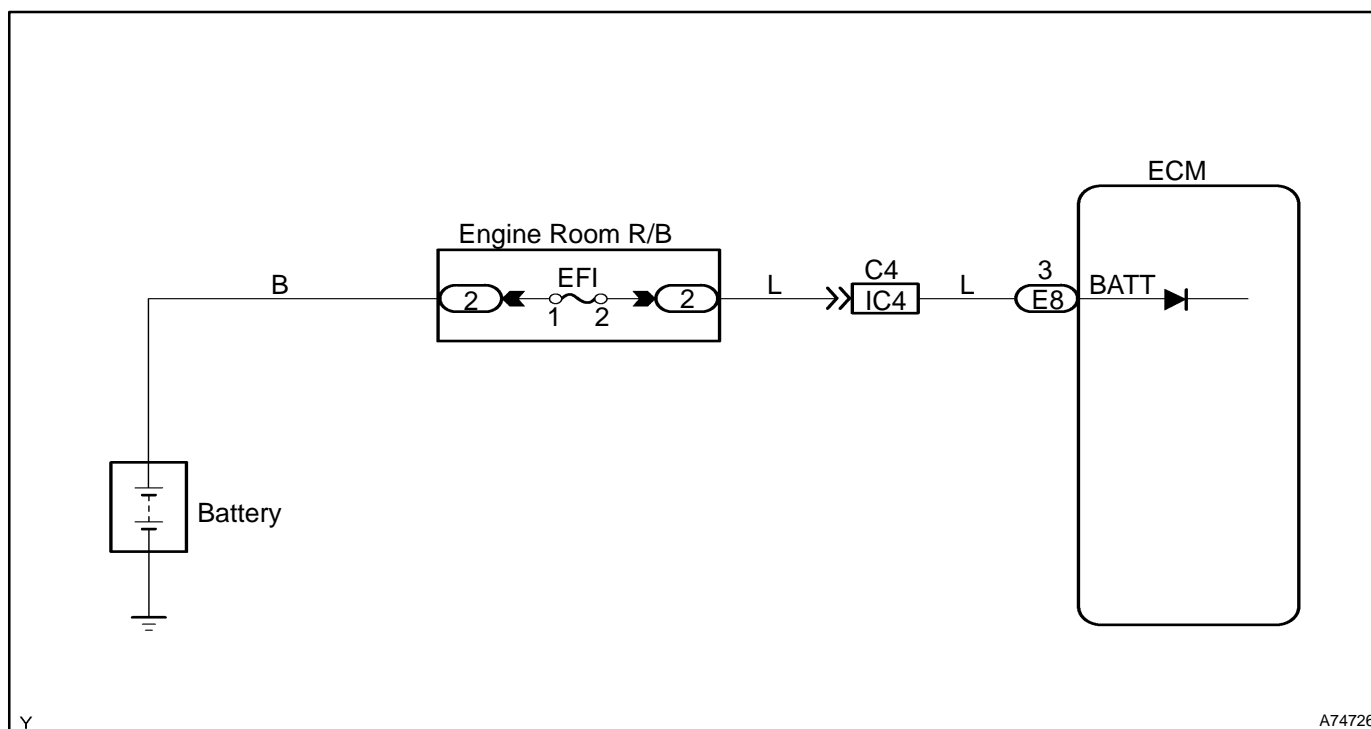
While the ignition switch is OFF, the battery positive voltage is supplied to terminal BATT of the ECM for the DTCs memory and air-fuel ratio adaptive control value memory, etc.

DTC No.	DTC Detection Condition	Trouble Area
P0560	Open in back-up power source circuit	<ul style="list-style-type: none"> • Open in back-up power source circuit • ECM

HINT:

If DTC P0560 appears, the ECM does not store another DTC.

WIRING DIAGRAM

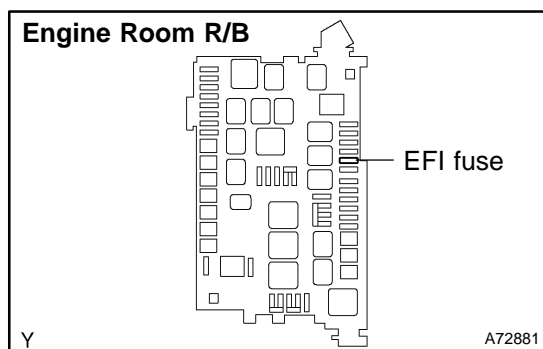


INSPECTION PROCEDURE

HINT:

Read freeze frame data using the hand-held tester or the OBD II scan tool, as freeze frame data records the engine conditions when a malfunction is detected. When troubleshooting, it is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air-fuel ratio was lean or rich, etc. at the time of the malfunction.

1 CHECK FUSE(EFI FUSE)



- (a) Remove the EFI fuse from the engine room R/B.
 (b) Check the continuity of EFI fuse.

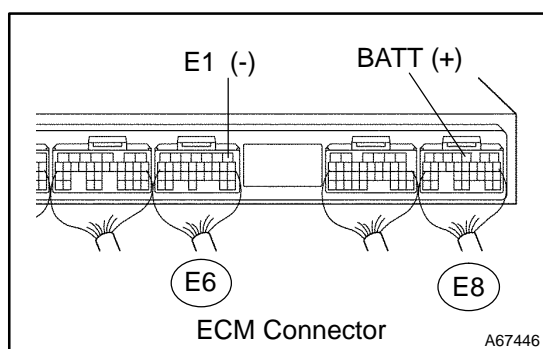
Standard: Continuity

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CHECK FOR SHORT IN ALL HARNESS AND COMPONENTS CONNECTED EFI FUSE

OK

2 INSPECT ECM(BATT VOLTAGE)



- (a) Measure the voltage between the terminals of the E6 and E8 ECM connectors.

Standard:

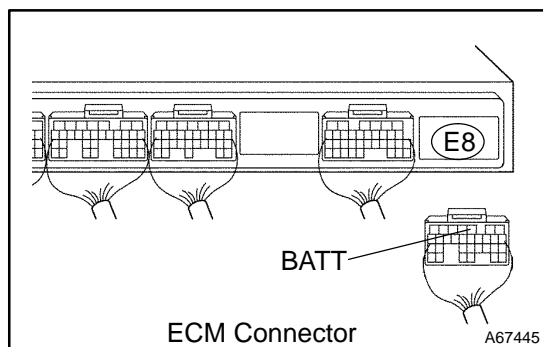
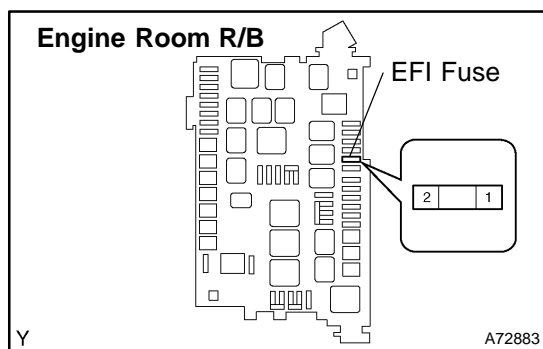
Symbols (Terminal No.)	Specified condition
BATT (E8-3) ↔ E1 (E6-1)	9 - 14 V

OK

**CHECK AND REPLACE ECM
 (See page 01-35)**

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3 CHECK HARNESS AND CONNECTOR(ECM - EFI FUSE, EFI FUSE - BATTERY)



- (a) Check the harness and connector between the EFI fuse and ECM.
- (1) Remove the EFI fuse from the engine room R/B.
 - (2) Disconnect the E8 ECM connector.
 - (3) Check the continuity between the wire harness side connectors.

Standard (Check for open):

Symbols (Terminal No.)	Specified condition
EFI fuse (2) ↔ BATT (E8-3)	Continuity

Standard (Check for short):

Symbols (Terminal No.)	Specified condition
EFI fuse (2) or BATT (E8-3) ↔ Body ground	No continuity

- (b) Check the harness and connector between the EFI fuse and battery.
- (1) Remove the EFI fuse from the engine room R/B.
 - (2) Disconnect the battery positive terminal.
 - (3) Check the continuity between the wire harness side connectors.

Standard (Check for open):

Symbols (Terminal No.)	Specified condition
Battery positive terminal ↔ EFI fuse (1)	Continuity

Standard (Check for short):

Symbols (Terminal No.)	Specified condition
Battery positive terminal or EFI fuse (1) ↔ Body ground	No continuity

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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ENGINE ROOM RELAY BLOCK