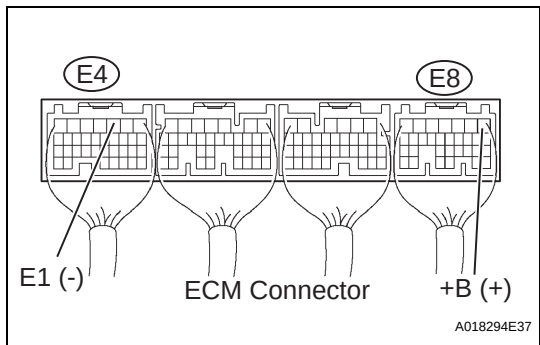


[illegible]

1

INSPECT ECM (+B VOLTAGE)



- (a) Turn the ignition switch to ON.
 - (b) Measure the voltage between the terminals of the ECM connectors.
- Standard Voltage**

Tester Connections	Specified Conditions
+B (E8-1) - E1 (E4-3)	9 to 14 V

OK

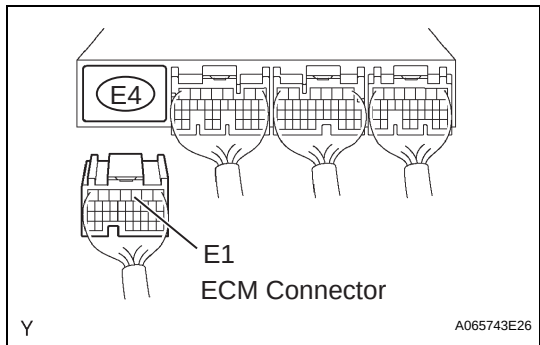
PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

ES

NG

2

CHECK HARNESS AND CONNECTOR (ECM - BODY GROUND)



- (a) Disconnect the negative battery cable.
 - (b) Disconnect the E4 ECM connector.
 - (c) Check the resistance.
- Standard Resistance**

Tester Connections	Specified Conditions
E1 (E4-3) - Body ground	Below 1 Ω

- (d) Reconnect the ECM connector.
- (e) Reconnect the negative battery cable.

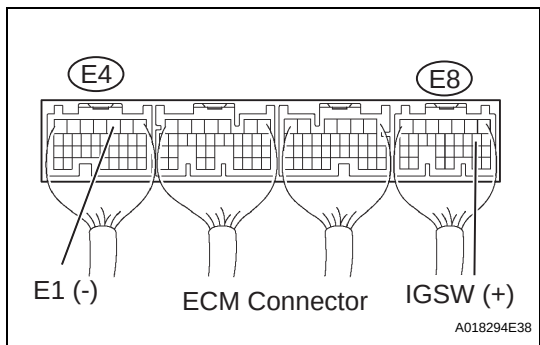
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

3

INSPECT ECM (IGSW VOLTAGE)



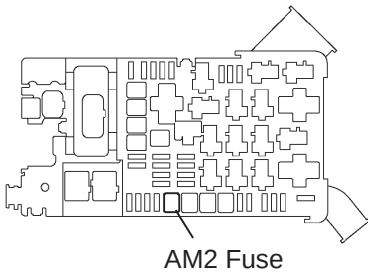
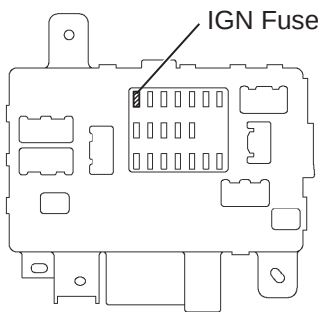
- (a) Turn the ignition switch to ON.
 - (b) Measure the voltage between the terminals of the ECM connectors.
- Standard Voltage**

Tester Connections	Specified Conditions
IGSW (E8-9) - E1 (E4-3)	9 to 14 V

OK

Go to step 6

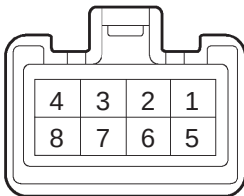
NG

4 CHECK FUSE (AM2 AND IGN)**Engine Room R/B:****Driver Side J/B:**

Y

A115876E01

- (a) Check the AM2 fuse.
 - (1) Remove the AM2 fuse from the engine room R/B.
 - (2) Check the AM2 fuse resistance.
Standard Resistance:
Below 1 Ω
 - (3) Reinstall the AM2 fuse.
- (b) Check the IGN fuse.
 - (1) Remove the IGN fuse from the driver side J/B.
 - (2) Check the IGN fuse resistance.
Standard Resistance:
Below 1 Ω
 - (3) Reinstall the IGN fuse.

NG**CHECK FOR SHORT IN ALL HARNESS AND COMPONENTS CONNECTED TO FUSE****OK****5 INSPECT IGNITION OR STARTER SWITCH ASSEMBLY****Component Side: Ignition Switch**

Y

G037118E01

- (a) Disconnect the I7 ignition switch connector.
- (b) Check the resistance.
Standard Resistance

Ignition Switch Positions	Tester Connections	Specified Conditions
LOCK	All Terminals	10 k Ω or higher
ACC	2-4	Below 1 Ω
ON	1-4, 1-6, 2-4, 3-4, 5-6	Below 1 Ω
START	1-4, 3-4, 5-6, 5-7	Below 1 Ω

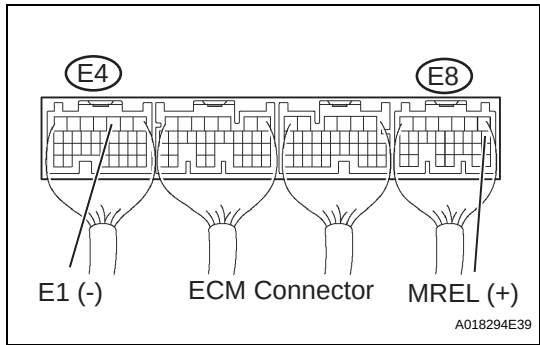
- (c) Reconnect the ignition switch connector.

NG**REPLACE IGNITION OR STARTER SWITCH ASSEMBLY****OK****CHECK AND REPAIR HARNESS AND CONNECTOR (BATTERY - IGNITION SWITCH, IGNITION SWITCH - ECM)**

ES

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6INSPECT ECM (MREL VOLTAGE)



- (a) Turn the ignition switch to ON.
- (b) Measure the voltage between the terminals of the ECM connectors.

Standard Voltage

Tester Connections	Specified Conditions
MREL (E8-8) - E1 (E4-3)	9 to 14 V

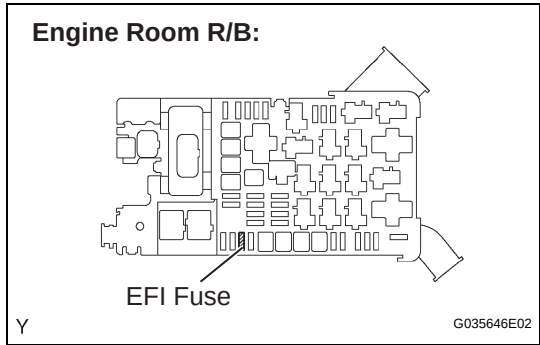
NG

REPLACE ECM

ES

OK

7CHECK FUSE (EFI)



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

Standard Resistance:
Below 1 Ω

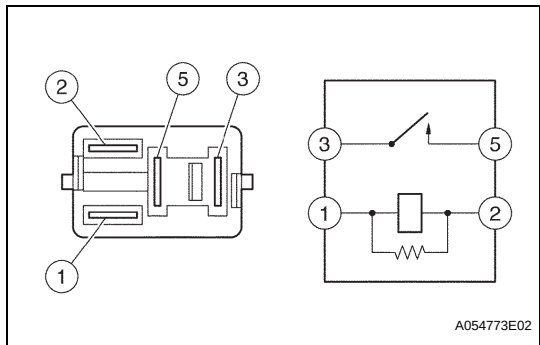
- (c) Reinstall the EFI fuse.

NG

CHECK FOR SHORT IN ALL HARNESS AND COMPONENTS CONNECTED TO FUSE

OK

8INSPECT EFI RELAY



- (a) Remove the EFI relay from the engine room R/B.
- (b) Check the EFI relay resistance.

Standard Resistance

Tester Connections	Specified Conditions
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (when battery voltage applied to terminals 1 and 2)

- (c) Reinstall the EFI relay.

NG

REPLACE EFI RELAY

OK

