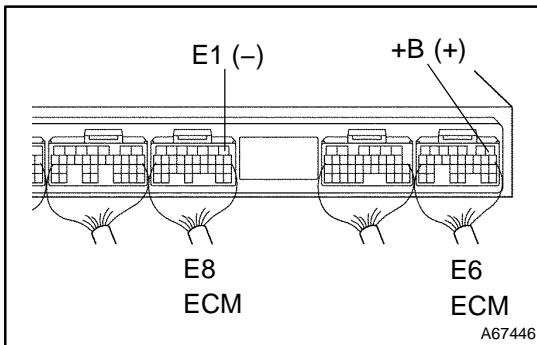


INSPECTION PROCEDURE

1 INSPECT ECM (+B VOLTAGE)

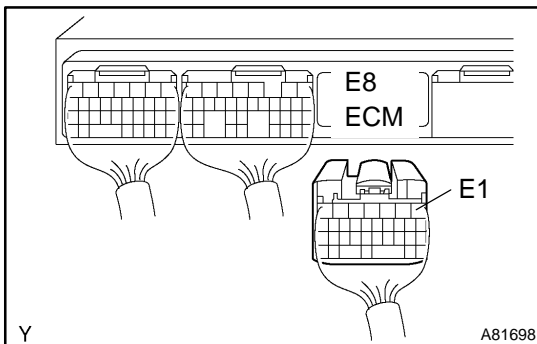
- (a) Turn the ignition switch ON.
 (b) Measure the voltage of the ECM connectors.

Standard:

Tester Connection	Specified Condition
E6-1 (+B) – E8-1 (E1)	9 to 14 V

OK

**PROCEED TO NEXT CIRCUIT INSPECTION
SHOWN ON PROBLEM SYMPTOMS TABLE
(See page 05-524)**

NG**2 CHECK WIRE HARNESS (ECM – BODY GROUND)**

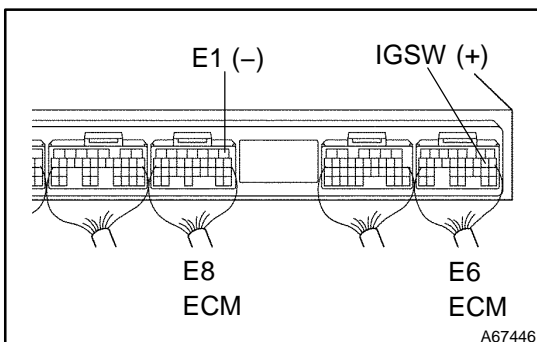
- (a) Disconnect the E8 ECM connector.
 (b) Check the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
E8-1 (E1) – Body ground	Below 1 Ω

NG

**REPAIR OR REPLACE HARNESS AND
CONNECTOR**

OK**3 INSPECT ECM (IGSW VOLTAGE)**

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

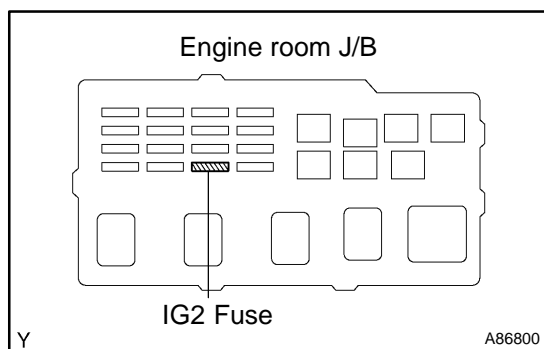
Standard:

Tester Connection	Specified Condition
E6-9 (IGSW) – E8-1 (E1)	9 to 14 V

OK

Go to step 6

NG

4 CHECK FUSE (IG2)

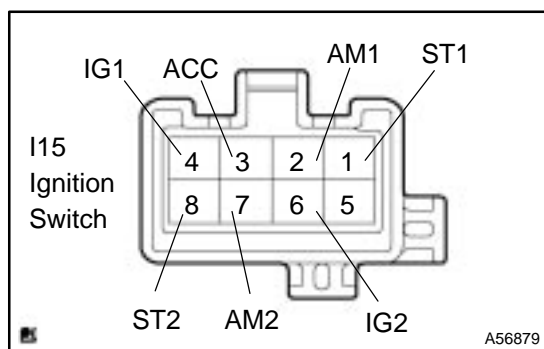
- (a) Remove the IG2 fuse from the engine room J/B.
 (b) Check the resistance of the IG2 fuse.

Standard: Below 1 Ω

NG

REPLACE FUSE

OK

5 INSPECT IGNITION OR STARTER SWITCH ASSY

- (a) Check the resistance of the switch terminals shown in the chart below.

Standard:

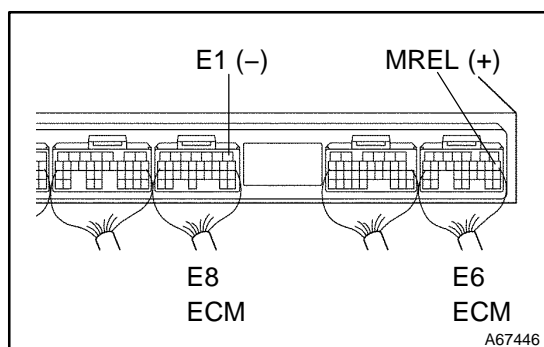
Switch Condition	Tester Connection	Specified Condition
LOCK	6 (IG2) - 7 (AM2)	10 k Ω or higher
START	6 (IG2) - 7 (AM2)	Below 1 Ω

NG

REPLACE IGNITION OR STARTER SWITCH ASSY

OK

CHECK AND REPAIR HARNESS AND CONNECTOR (BATTERY - IGNITION SWITCH, IGNITION SWITCH - ECM)

6 INSPECT ECM (MREL VOLTAGE)

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

Standard:

Tester Connection	Specified Condition
E6-8 (MREL) - E8-1 (E1)	9 to 14 V

NG

REPLACE ECM (See page 10-25)

OK

7 CHECK FUSE (EFI)

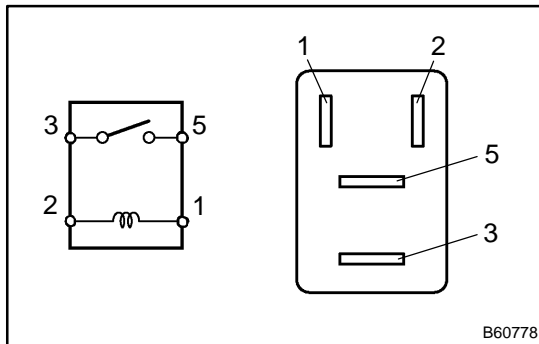
- (a) Remove the EFI fuse from the engine room J/B.
 (b) Check the resistance of the EFI fuse.

Standard: Below 1 Ω

NG

REPLACE FUSE

OK

8 INSPECT RELAY (EFI)

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

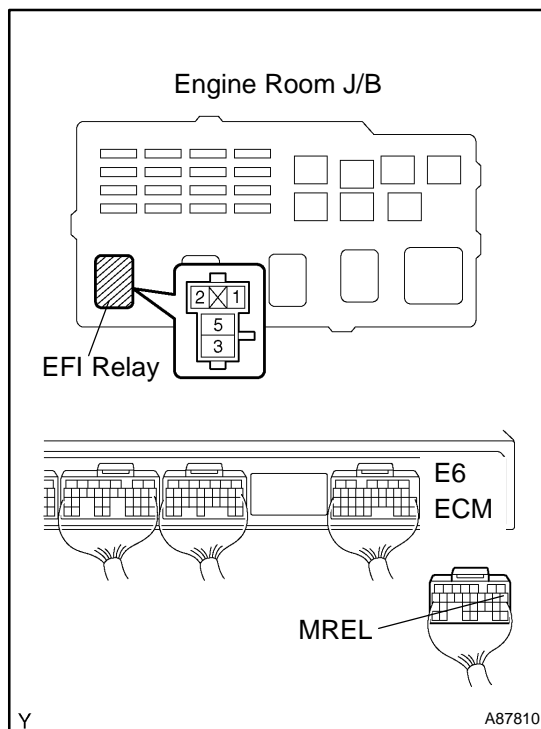
Standard:

Tester Connection	Specified Condition
3 – 5	10 k Ω or higher
3 – 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)

NG

REPLACE RELAY

OK

9 CHECK WIRE HARNESS (EFI RELAY – ECM, EFI RELAY – BODY GROUND)

- (a) Check the wire harness between the EFI relay and ECM.
 (1) Remove the EFI relay from the engine room J/B.
 (2) Disconnect the E6 ECM connector.
 (3) Check the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
J/B EFI relay terminal 1 – E6-8 (MREL)	Below 1 Ω
J/B EFI relay terminal 1 or E6-8 (MREL) – Body ground	10 k Ω or higher

- (b) Check the wire harness between the EFI relay and body ground.

- (1) Remove the EFI relay from the engine room J/B.
 (2) Check the resistance between the wire harness side connector and body ground.

Standard:

Tester Connection	Specified Condition
J/B EFI relay terminal 2 – Body ground	Below 1 Ω

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR

NG

CHECK AND REPAIR HARNESS AND CONNECTOR (TERMINAL +B OF ECM – BATTERY POSITIVE TERMINAL)