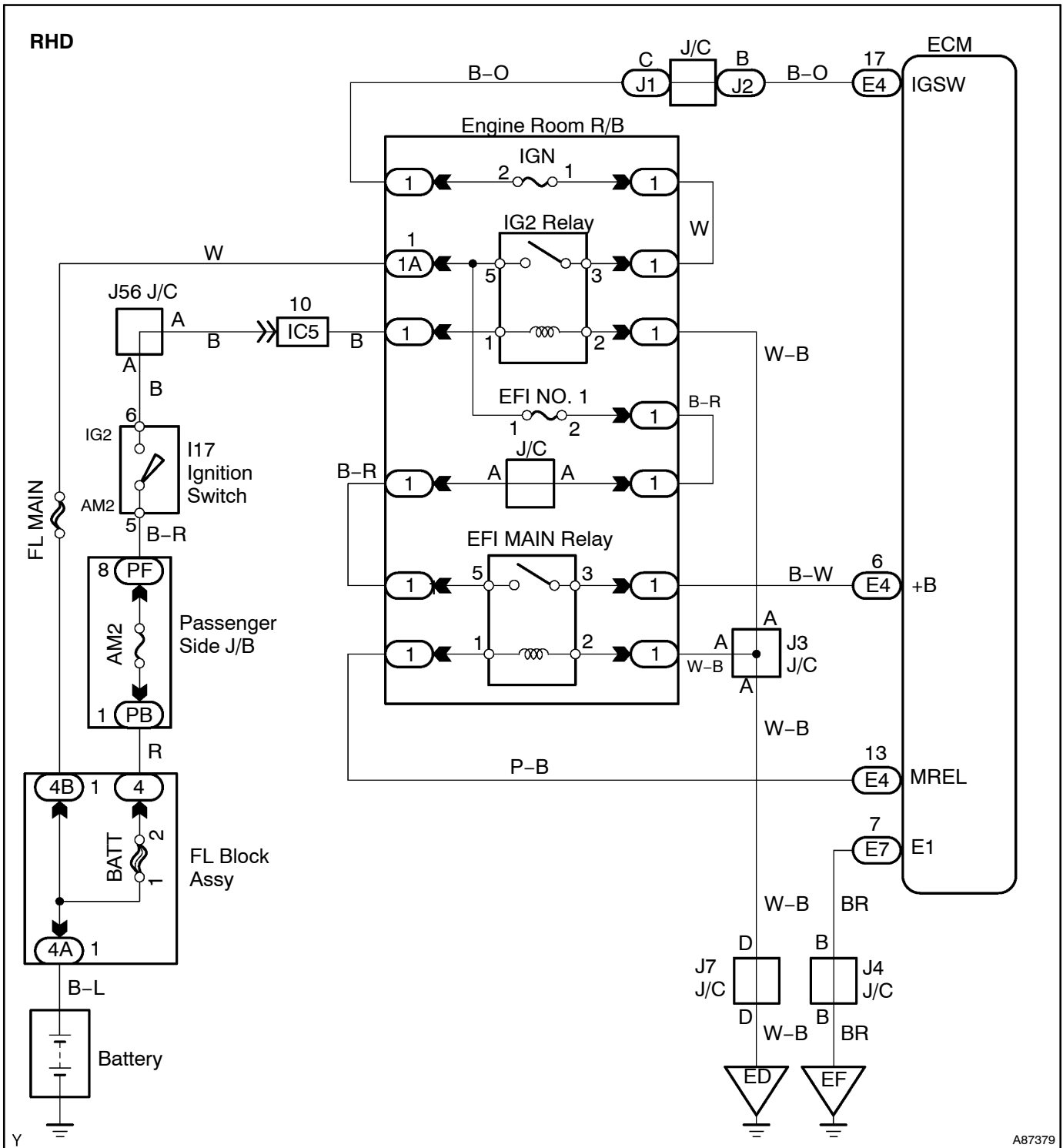
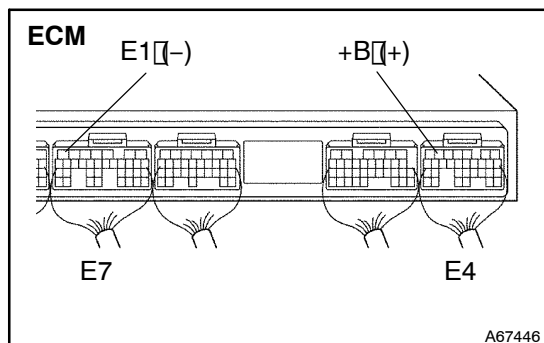


A85246



INSPECTION PROCEDURE

1 INSPECT ECM (+B) VOLTAGE



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

Standard:

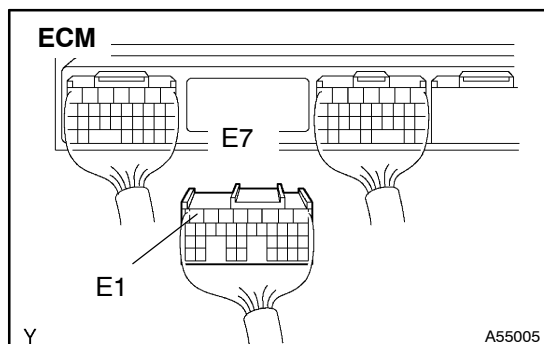
Tester Connection	Specified Condition
E4-6(+B) - E7-7 (E1)	9 to 14 V

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN ON PROBLEM SYMPTOMS TABLE
 (See page 05-14)

NG

2 CHECK WIRE HARNESS (ECM - BODY GROUND)



- (a) Disconnect the E7 ECM connector.
 (b) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
E7-7 (E1) - Body ground	Below 1 Ω

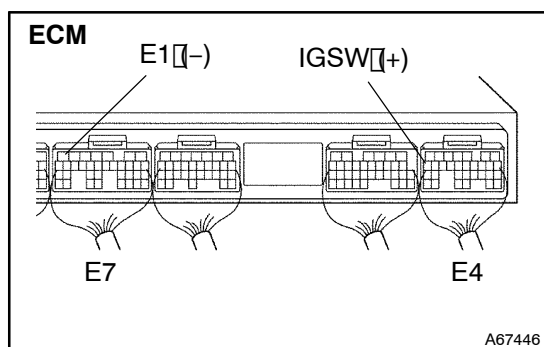
- (c) Reconnect the ECM connector.

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:

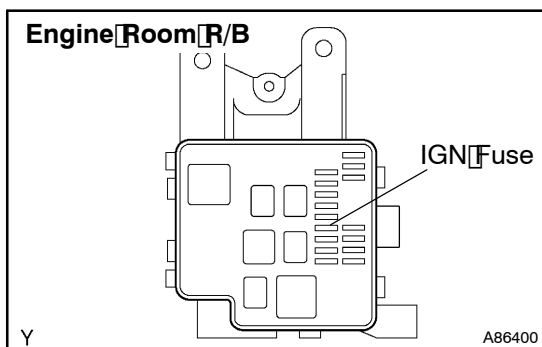
Tester Connection	Specified Condition
E4-17 (IGSW) - E7-7 (E1)	9 to 14 V

OK

Go to step 6

NG

4 INSPECT FUSE (IGN)



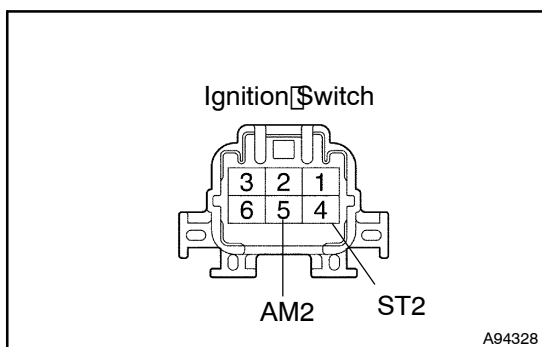
- Remove the IGN fuse from the engine room Relay Block (R/B).
- Measure the resistance.
Standard: Below 1 Ω
- Reinstall the IGN fuse.

NG

CHECK FOR SHORT IN ALL HARNESSES AND COMPONENTS CONNECTED FUSE

OK

5 INSPECT IGNITION SWITCH



Measure the resistance of the Ignition switch.

Standard:

Switch Condition	Tester Connection	Specified Condition
ON	4 - 5	Below 1 Ω
START	4 - 5	10 k Ω or higher

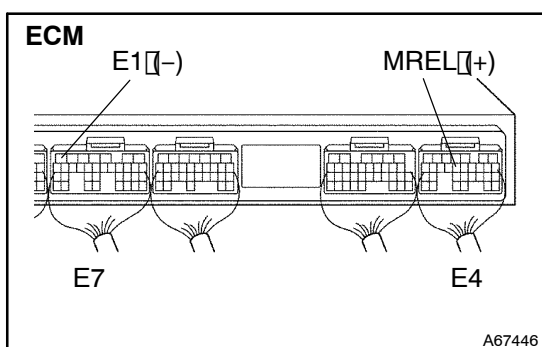
NG

REPAIR OR REPLACE IGNITION SWITCH

OK

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

6 INSPECT ECM (MREL VOLTAGE)



- Turn the Ignition switch ON.
- Measure the voltage of the ECM connector.

Standard:

Tester Connection	Specified Condition
E4-13 (MREL) - E7-7 (E1)	9 to 14 V

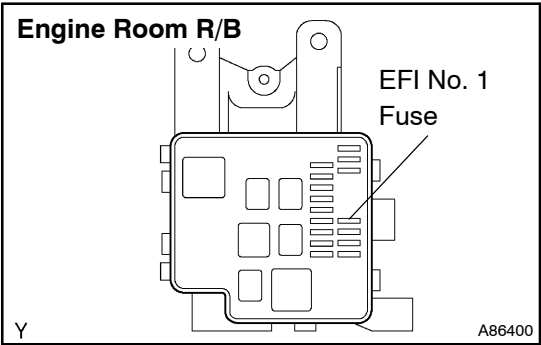
NG

REPLACE ECM (See page 10-21)

OK

7

CHECK FUSE (EFI NO. 1)



- (a) Remove the EFI NO. 1 fuse from the engine room R/B.
- (b) Measure the resistance.
- Standard: Below 1 Ω**

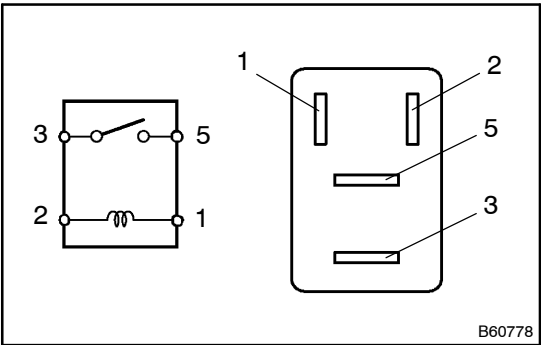
NG

REPLACE FUSE

OK

8

INSPECT RELAY (EFI MAIN)



- (a) Remove the EFI MAIN relay from the engine room R/B.
- (b) Measure the resistance.
- Standard:**

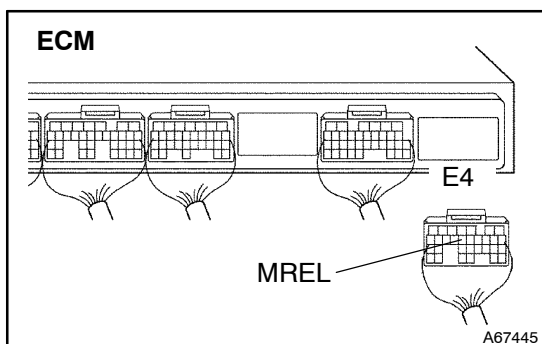
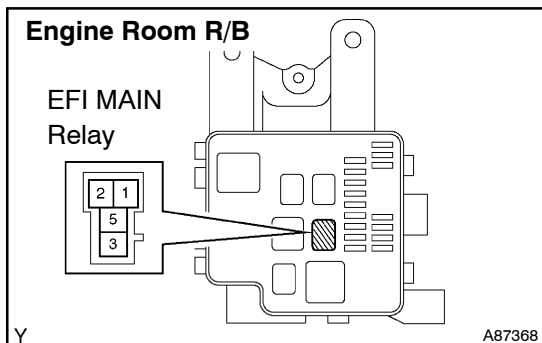
Tester Connection	Specified Condition
3 - 5	10 kΩ or higher
3 - 5	Below 1 Ω (apply battery voltage to terminals 1 and 2)

NG

REPLACE RELAY

OK

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



(a) Check the wire harness between the EFI MAIN relay and ECM.

- (1) Remove the EFI MAIN relay from the engine room R/B.
- (2) Disconnect the E4 ECM connector.
- (3) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
R/B EFI MAIN relay terminal 1 - E4-13 (MREL)	Below 1 Ω
R/B EFI MAIN relay terminal 1 or E4-13 (MREL) - Body ground	10 k Ω or higher

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

- (1) Remove the EFI MAIN relay from the engine room R/B.
- (2) Measure the resistance of the wire harness side connector.

Standard:

Tester Connection	Specified Condition
R/B EFI MAIN relay terminal 2 - Body ground	Below 1 Ω

NG

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

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR