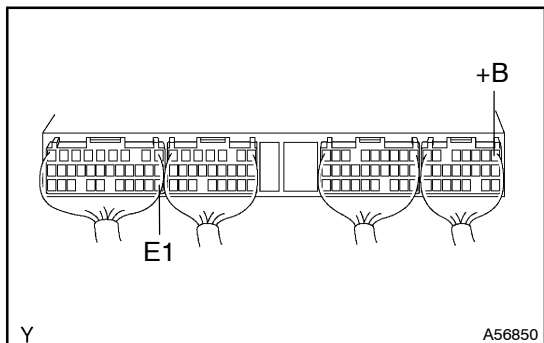


INSPECTION PROCEDURE

1 INSPECT ECM



- (a) Turn the ignition switch ON.
- (b) Measure the voltage between terminals +B and E1 of the ECM connector.

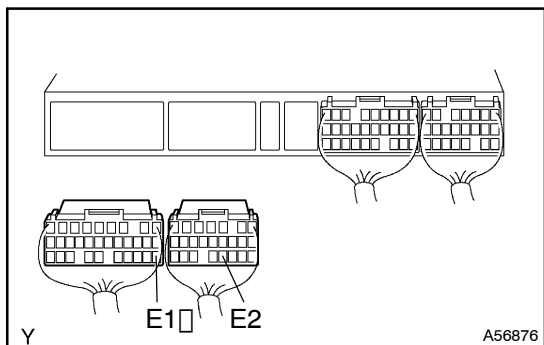
Voltage: 9 - 14 V

OK

**PROCEED TO NEXT CIRCUIT INSPECTION
SHOWN ON PROBLEM SYMPTOM TABLE
(See page 05-170)**

NG

2 CHECK HARNESS AND CONNECTOR (ECM GROUND)



- (a) Disconnect the ECM E10 and E11 connector.
- (b) Check for open between the terminals E1 and E2 of the ECM connector and body ground.

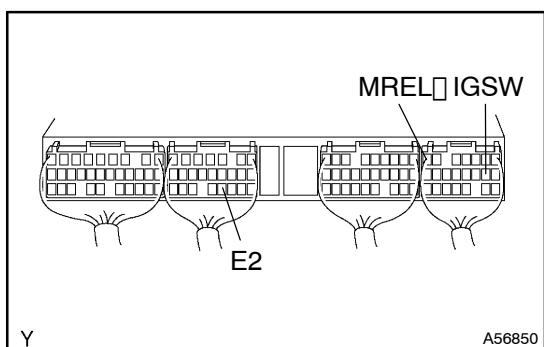
Resistance: 1 Ω or less

NG

**REPAIR OR REPLACE
HARNESS AND CONNECTOR**

OK

3 INSPECT ECM



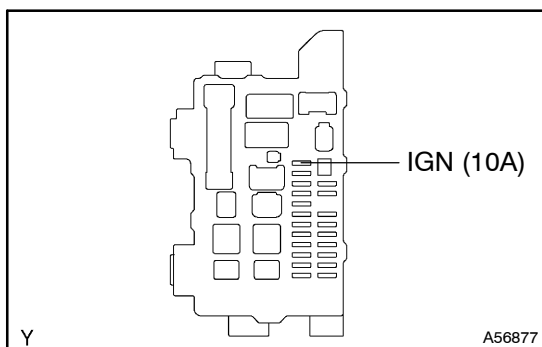
- (a) Turn the ignition switch ON.
- (b) Measure the voltage between terminals IGSW and E2 of the ECM connector.

Voltage: 9 - 14 V

OK

Go to step 7

NG

4 CHECK FUSE(IGN FUSE)

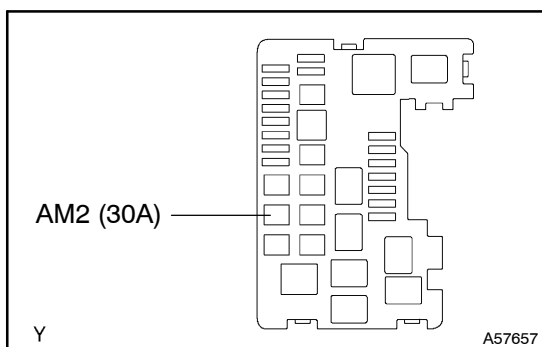
- (a) Remove the IGN fuse from the instrument panel J/B.
 (b) Check the continuity of the IGN fuse.

Resistance: 1 Ω or less

NG

CHECK FOR SHORT IN ALL HARNESS AND COMPONENTS CONNECTED IGN FUSE

OK

5 CHECK FUSE(AM2 FUSE)

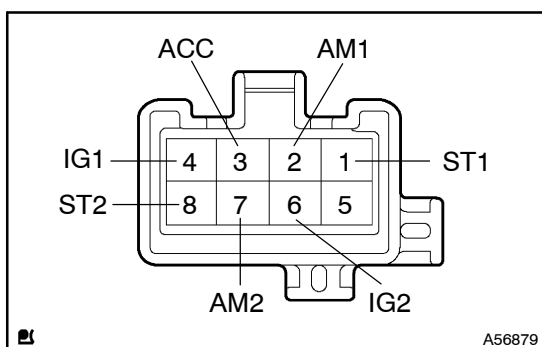
- (a) Remove the AM2 fuse from the engine room R/B.
 (b) Check the continuity of the AM2 fuse.

Resistance: 1 Ω or less

NG

CHECK FOR SHORT IN ALL HARNESS AND COMPONENTS CONNECTED AM2 FUSE

OK

6 INSPECT IGNITION OR STARTER SWITCH ASSY

- (a) Check continuity between the connector terminals shown in the chart below.

Switch	Terminal No.	Resistance
LOCK	All Terminal to Terminal	1 M Ω or more
ACC	2 \leftrightarrow 3	1 Ω or less
ON	2 \leftrightarrow 3 \leftrightarrow 4 6 \leftrightarrow 7	1 Ω or less
START	1 \leftrightarrow 2 \leftrightarrow 4 6 \leftrightarrow 7 \leftrightarrow 8	1 Ω or less

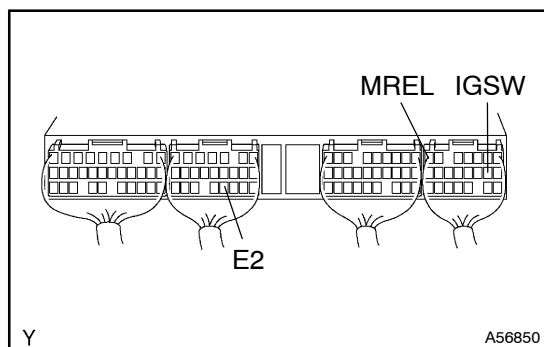
NG

**REPLACE
IGNITION OR STARTER SWITCH ASSY**

OK

REPAIR OR REPLACE HARNESS AND CONNECTOR

7 INSPECT ECM



- Turn the ignition switch ON.
- Measure the voltage between terminal MREL and E2 of the ECM connector.

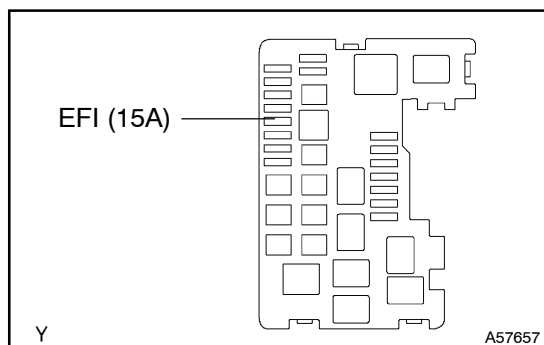
Voltage: 9 – 14 V

NG

CHECK AND REPLACE ECM

OK

8 CHECK FUSE(EFI FUSE)



- Remove the EFI fuse from the engine room R/B.
- Check the continuity of the EFI fuse.

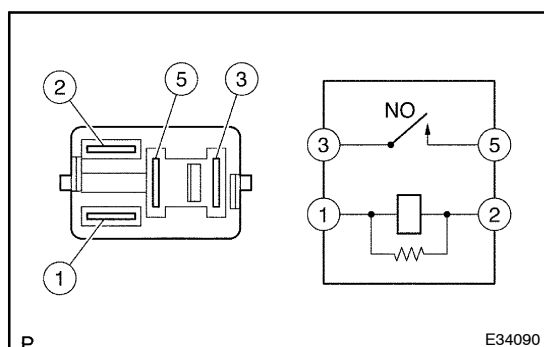
Resistance: 1 Ω or less

NG

CHECK FOR SHORT IN ALL HERNESS AND COMPONENTS CONNECTED EFI FUSE

OK

9 INSPECT E.F.I ECU RELAY(EFI RELAY)



- Remove the EFI relay from the engine room R/B.
- Check continuity between the terminals shown below.

Resistance:

Terminal No.	Resistance
1 – 2	1 Ω or less
3 – 5	1 MΩ or more

- Check continuity between the terminals 3 and 5 of the connector when the battery voltage is applied to the terminals between 1 and 2.

Resistance:

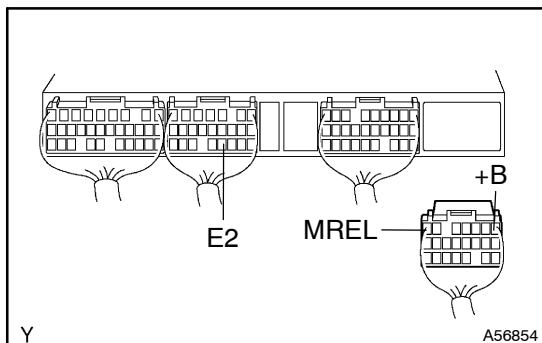
Terminal No.	Resistance
3 – 5	1 Ω or less

NG

REPLACE E.F.I ECU RELAY

OK

10 CHECK HARNESS AND CONNECTOR (TERMINAL MREL-BODY GROUND AND TERMINAL +B-EFI RELAY)



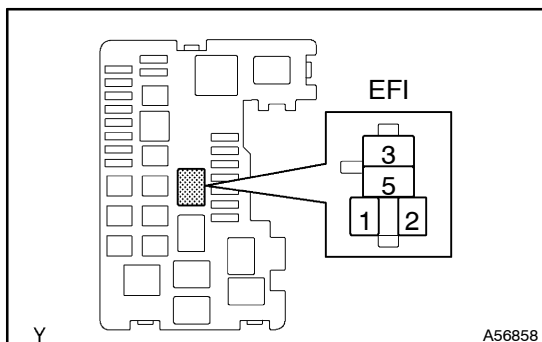
- Disconnect the ECM E7 connector.
- Check for open between the terminal MREL of ECM E7 connector and body ground.
- Remove the EFI relay.
- Check for short between the terminals MREL and E2 of the ECM connector.

Resistance: 1 Ω or less

Resistance: 1 M Ω or more

- Check for open between terminals 3 of the EFI relay and +B ECM E7 connector.

Resistance: 1 Ω or less

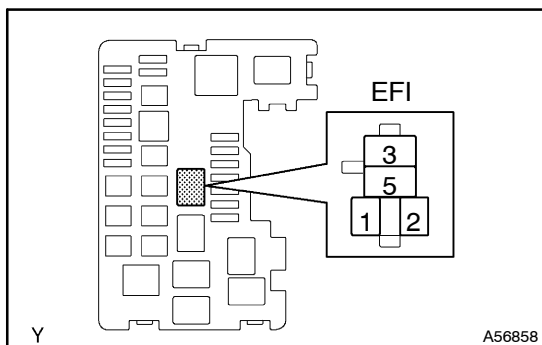


NG

**REPAIR OR REPLACE
HARNESS AND CONNECTOR**

OK

11 CHECK HARNESS AND CONNECTOR (EFI FUSE-BATTERY AND EFI FUSE-EFI RELAY)

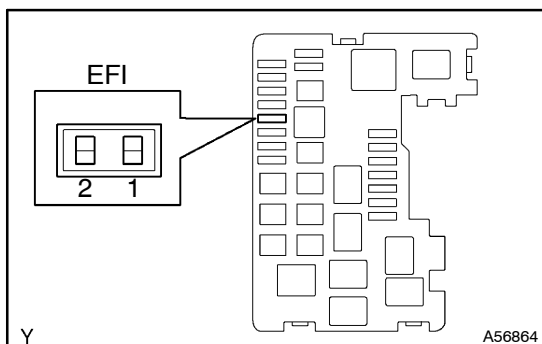


- Remove the EFI relay from the engine room R/B.
- Remove the EFI fuse from the engine room R/B.
- Check for open between terminals 2 of the EFI fuse and 5 of the EFI relay.

Resistance: 1 Ω or less

- Check for open between terminals 1 of the EFI fuse and positive (+) of the battery

Resistance: 1 Ω or less



NG

**REPAIR OR REPLACE
HARNESS AND CONNECTOR**

OK

REPLACE ENGINE ROOM RELAY BLOCK