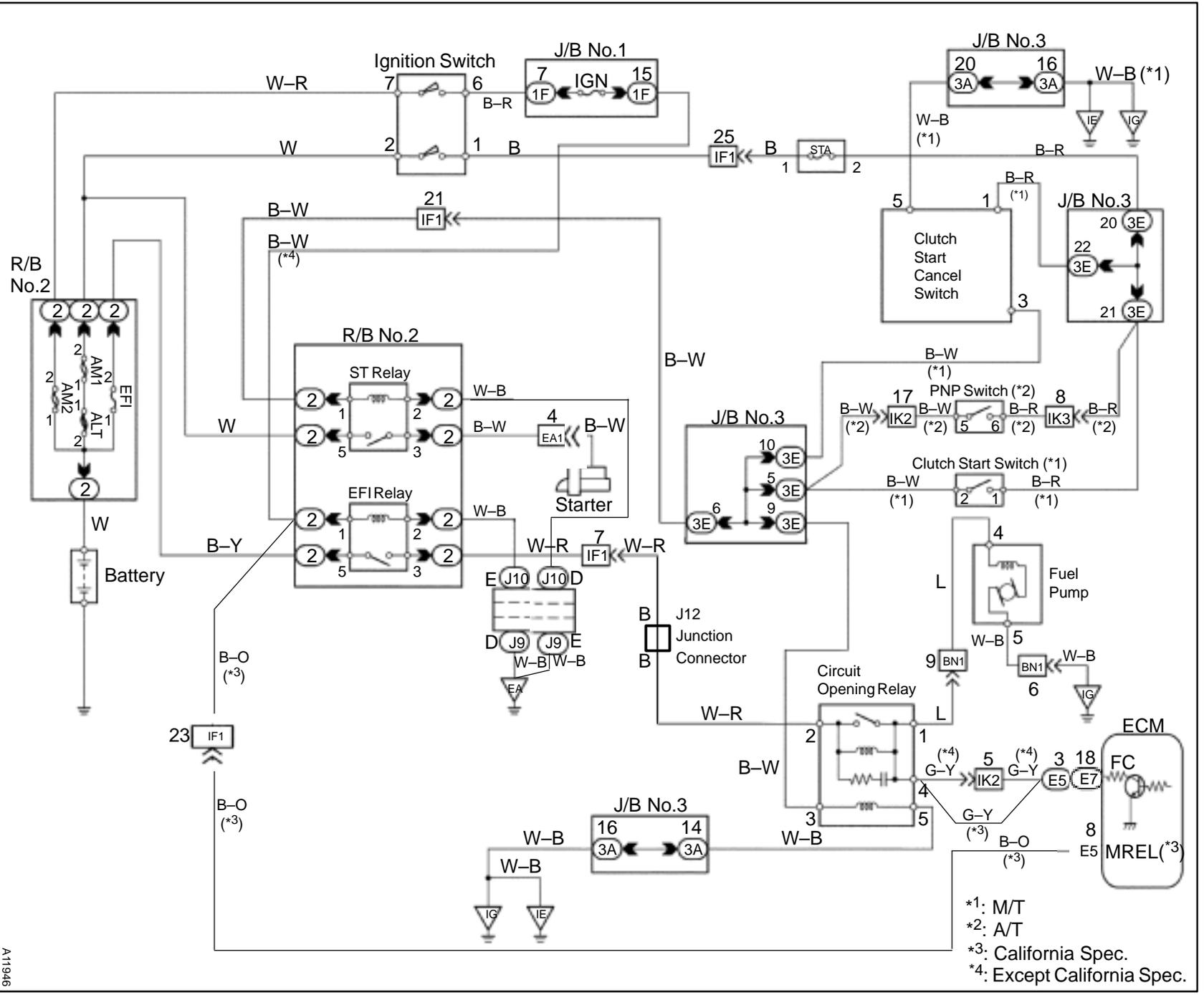


WIRING DIAGRAM

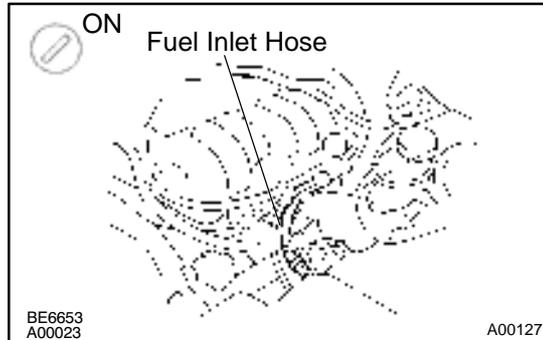


- *1: M/T
- *2: A/T
- *3: California Spec.
- *4: Except California Spec.

A11946

INSPECTION PROCEDURE**TOYOTA hand-held tester:**

1	Check operation of fuel pump.
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**PREPARATION:**

- (a) Connect the TOYOTA hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the TOYOTA hand-held tester main switch ON.
- (c) Use the ACTIVE TEST mode to operate the fuel pump.

CHECK:

Check for the fuel pressure in the fuel inlet hose when it is pinched off.

OK:

There is pressure in the fuel inlet hose.

HINT:

At this time, you will hear a fuel flowing noise.

OK

Check for starter signal circuit (See page [DI-326](#)).

NG

2	Check for ECM power source circuit (See page DI-329).
----------	--

NG

Repair or replace.

OK

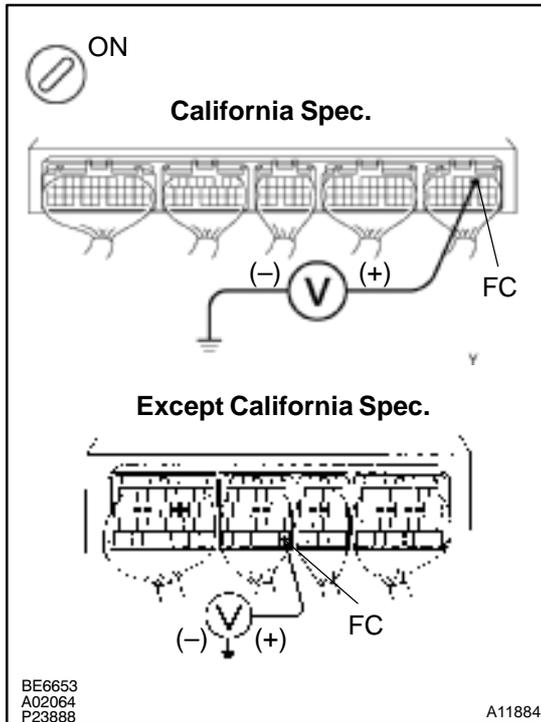
3	Check circuit opening relay (See page SF-43).
----------	--

NG

Replace circuit opening relay.

OK

4 Check voltage between terminal FC of ECM and body ground.



PREPARATION:

- Remove the glove compartment (See page SF-56).
- Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal FC of the ECM connector and body ground.

OK:

Voltage: 9 – 14 V

OK

Go to step 5.

NG

Check for open in harness and connector between EFI main relay (Marking: EFI) and circuit opening relay, and circuit opening relay and ECM.

5 Check fuel pump (See page SF-5).

NG

Repair or replace fuel pump.

OK

6 Check for open in harness and connector between circuit opening relay and fuel pump, and fuel pump and body ground (See page IN-28).

NG

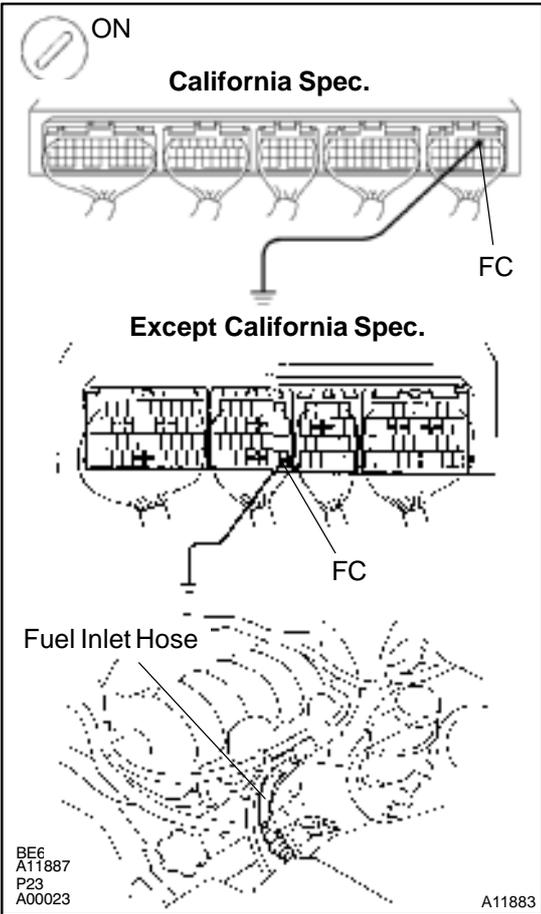
Repair or replace harness or connector.

OK

Check and replace ECM (See page IN-28).

OBD II scan tool (excluding TOYOTA hand-held tester):

1 Check operation of fuel pump.



PREPARATION:

- (a) Remove the glove compartment (See page SF-56).
- (b) Turn the ignition switch ON.

CHECK:

- (a) Connect between terminal FC of the ECM connector and body ground.
- (b) Check for the fuel pressure in the inlet hose when it is pinched off.

OK:

There is pressure in the fuel inlet hose.

HINT:

At this time, you will hear a fuel flowing noise.

OK Check for starter signal circuit (See page DI-326).

NG

2 Check for ECM power source circuit (See page DI-329).

NG Repair or replace.

OK

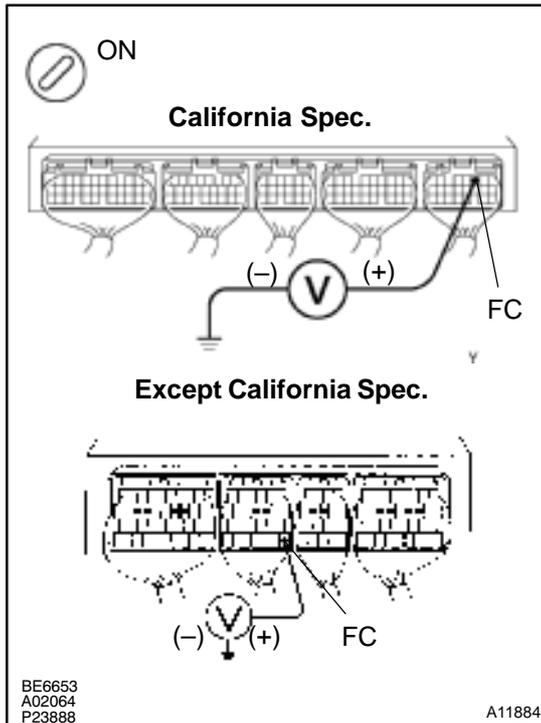
3 Check circuit opening relay (See page SF-43).

NG

Replace circuit opening relay.

OK

4 Check voltage between terminal FC of ECM connector and body ground.

**PREPARATION:**

- (a) Remove the glove compartment (See page SF-56).
- (b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal FC of the ECM connector and body ground.

OK:

Voltage: 9 – 14 V

OK

Go to step 5.

NG

Check for open in harness and connector between EFI main relay (Marking: EFI) and circuit opening relay, and circuit opening relay and ECM.

5 Check fuel pump (See page SF-5).

NG

Repair or replace fuel pump.

OK

6 Check for open in harness and connector between circuit opening relay and fuel pump, and fuel pump and body ground (See page IN-28).

NG

Repair or replace harness or connector.

OK

Check and replace ECM (See page [IN-28](#)).