

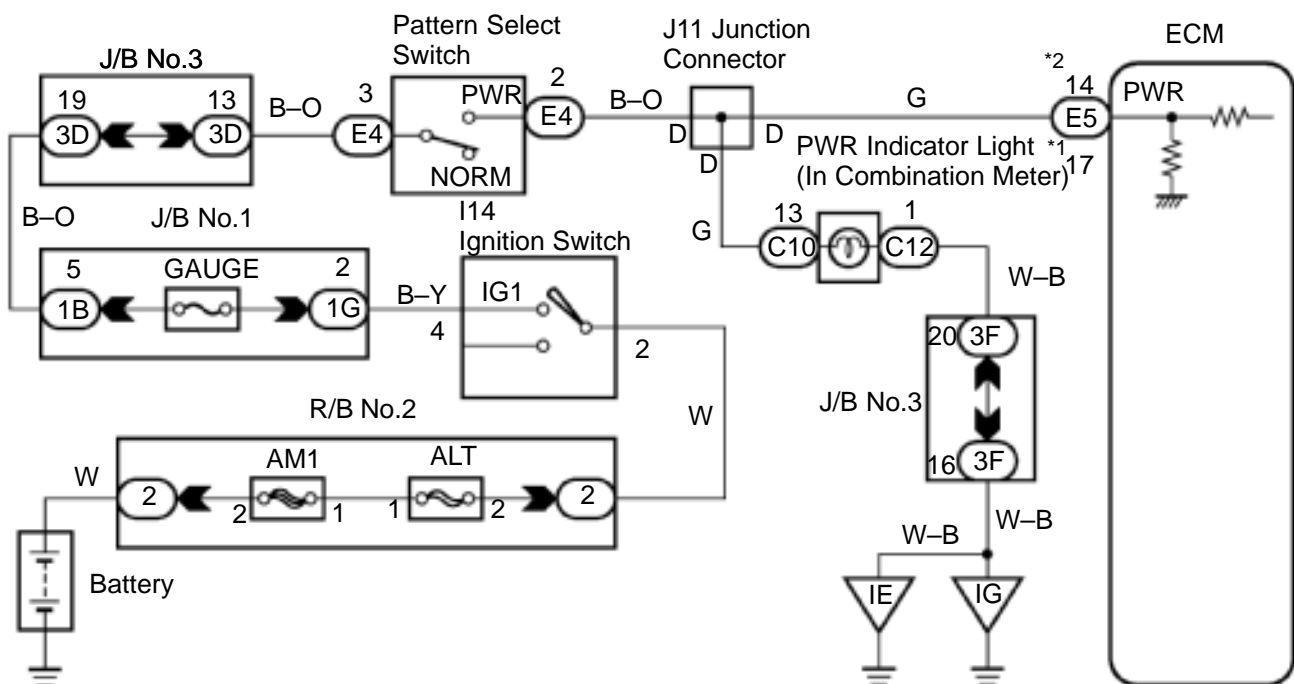
Pattern Select Switch Circuit

CIRCUIT DESCRIPTION

The ECM memory contains the shift programs for the NORMAL and POWER patterns, 2 position, L position and the lock-up patterns. Following the programs corresponding to the signals from the pattern select switch, the park/neutral position and other various sensors, the ECM switches the solenoid valves ON and OFF, and controls the transmission gear change and the lock-up clutch operation.

WIRING DIAGRAM

3RZ-FE

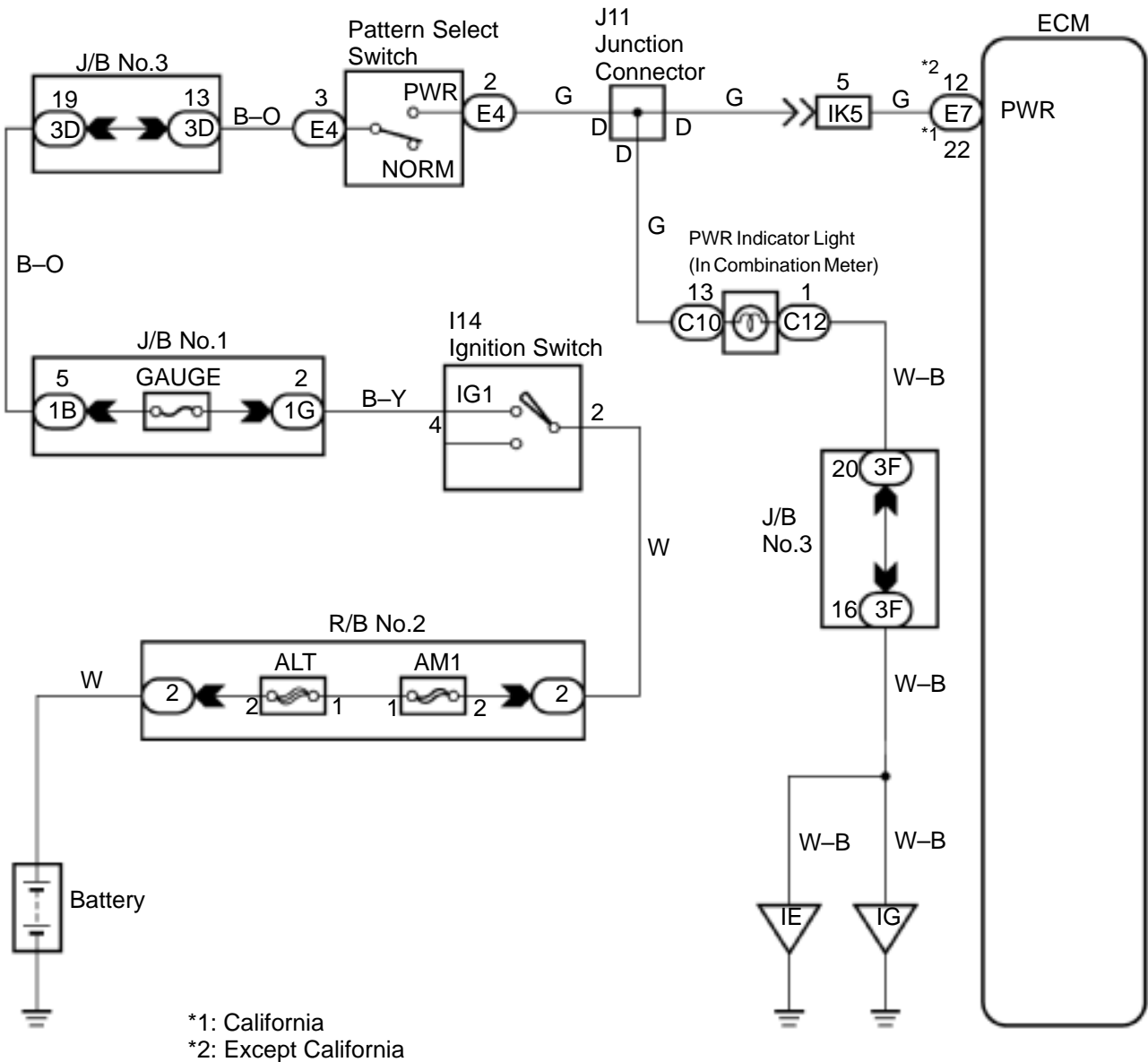


*1: California

*2: Except California

D00751

5VZ-FE



N

D06533

INSPECTION PROCEDURE

1	Check PATTERN SEL SW signal.
---	------------------------------

When using TOYOTA hand-held tester**PREPARATION:**

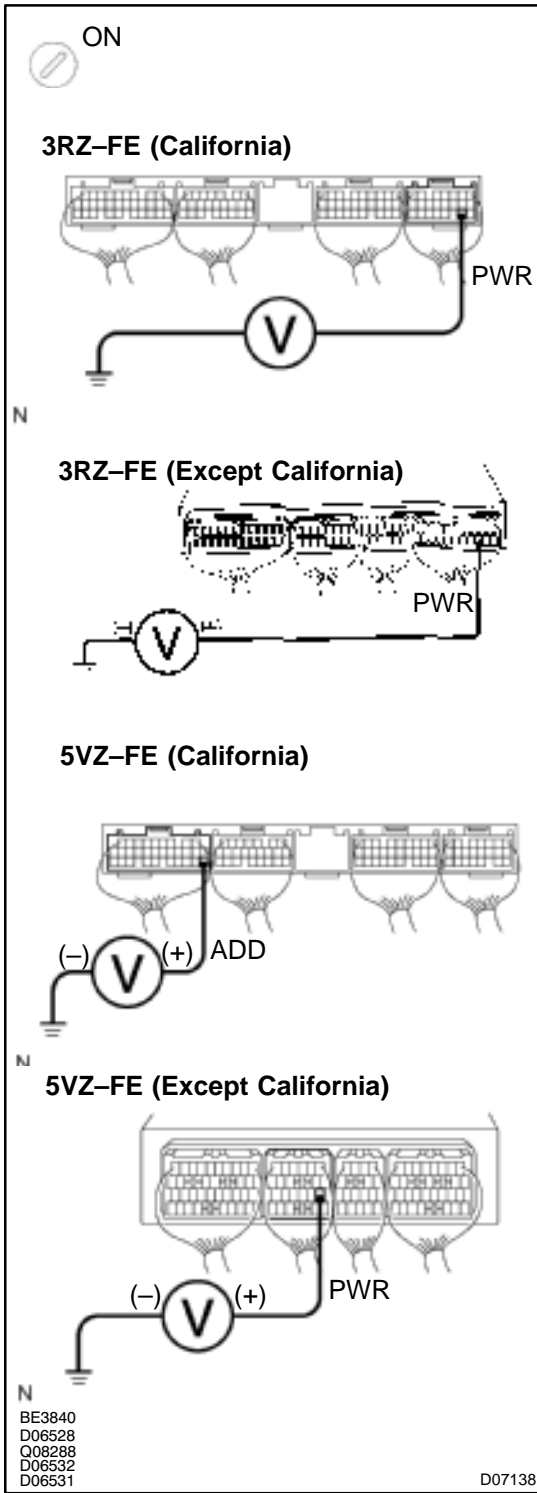
- (a) Remove the DLC3 cover.
- (b) Connect a TOYOTA hand-held tester to the DLC3.
- (c) Turn the ignition switch ON and TOYOTA hand-held tester main switch ON.

CHECK:

Read the PATTERN SEL SW signal on the TOYOTA hand-held tester.

OK:

Pattern select switch	PATTERN SEL SW signal
Pushed in	ON
Pushed out	OFF



When not using TOYOTA hand-held tester

PREPARATION:

Turn the ignition switch ON.

CHECK:

Measure voltage between terminal PWR of ECM and body ground when the pattern select switch is set to the PWR (POWER) position and NORM (NORMAL) position.

OK:

Pattern select switch	Voltage
PWR	10 – 14 V
NORM	Below 1 V

HINT:

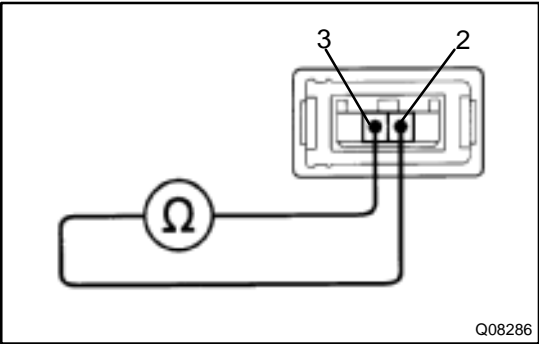
The ECM uses the normal pattern signal if the PWR signal is not input.

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-363](#)).

NG

2	Check pattern select switch.
---	------------------------------



PREPARATION:

Disconnect the pattern select switch connector.

CHECK:

Check continuity between terminals 2 and 3 of pattern select switch connector when the select switch is set to PWR and NORM positions.

OK:

Pattern select switch	Specified condition
PWR	Continuity
NORM	No continuity

NG	Replace the pattern select switch.
----	------------------------------------

OK

3	Check harness and connector between battery and pattern select switch, pattern select switch and ECM (See page IN-28).
---	---

NG	Repair or replace the harness or connector.
----	---

OK

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