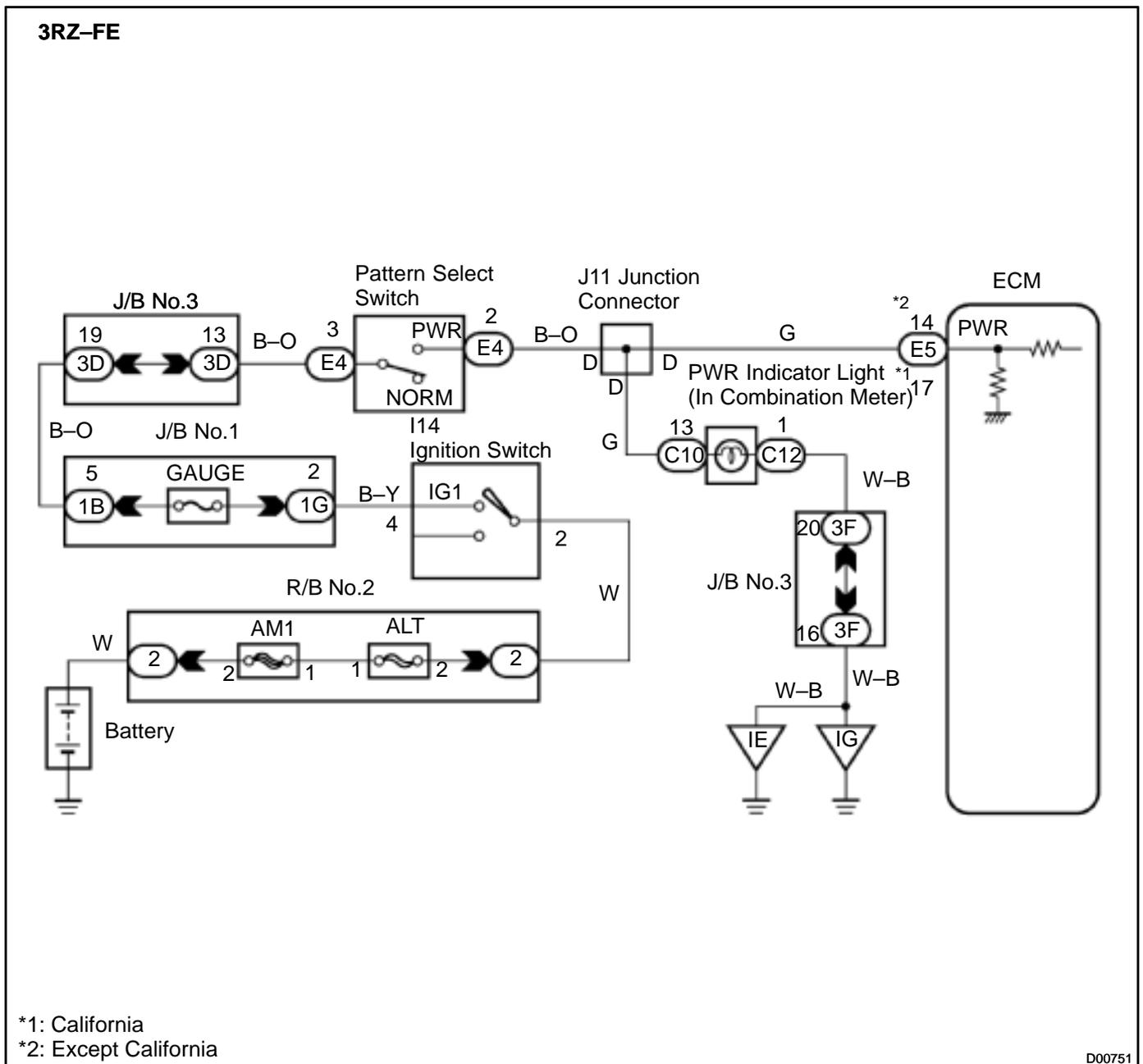


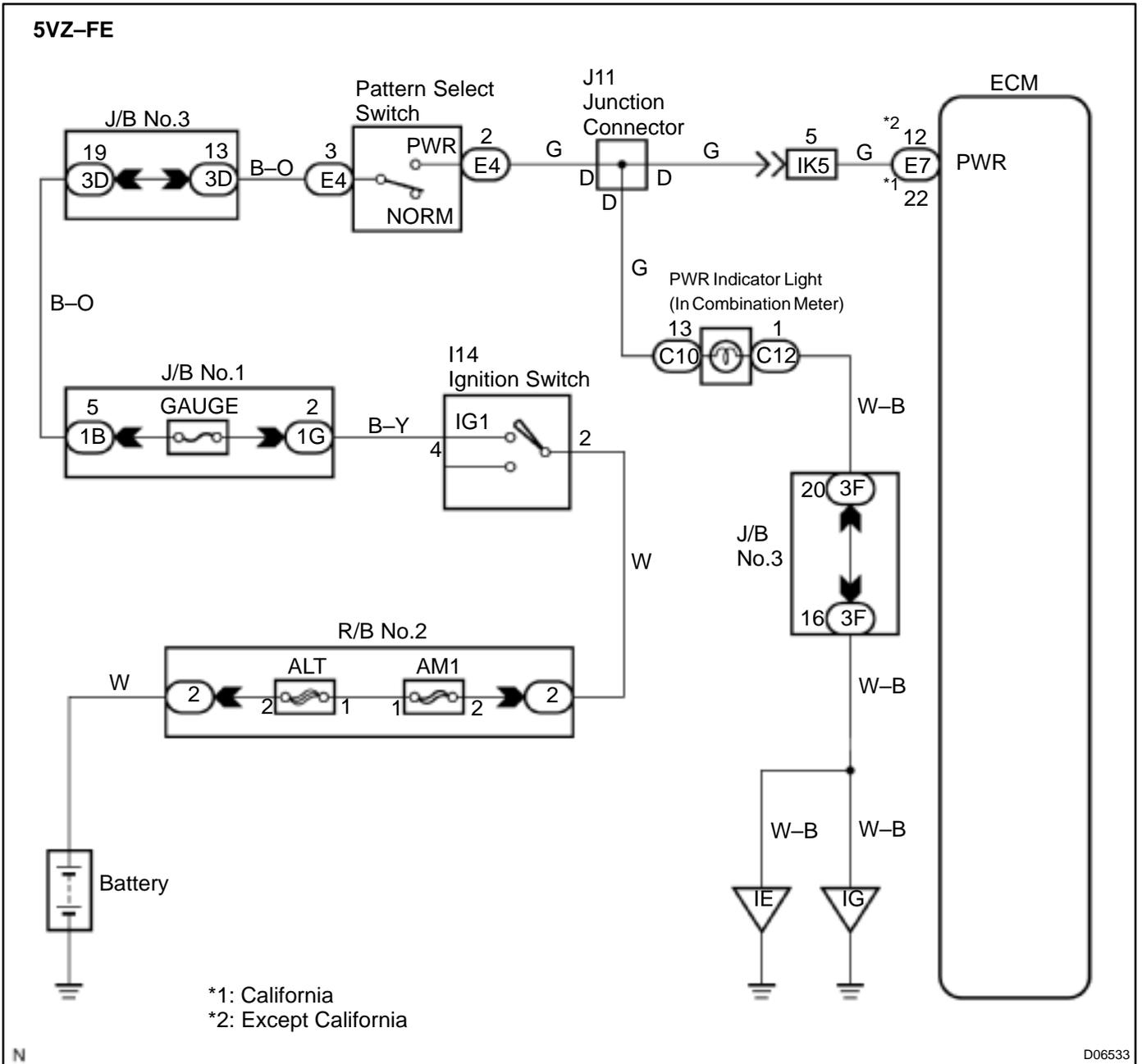
## Pattern Select Switch Circuit

### 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





**INSPECTION PROCEDURE**

1	<b>Check PATTERN SEL SW signal.</b>
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**When using TOYOTA hand-held tester****PREPARATION:**

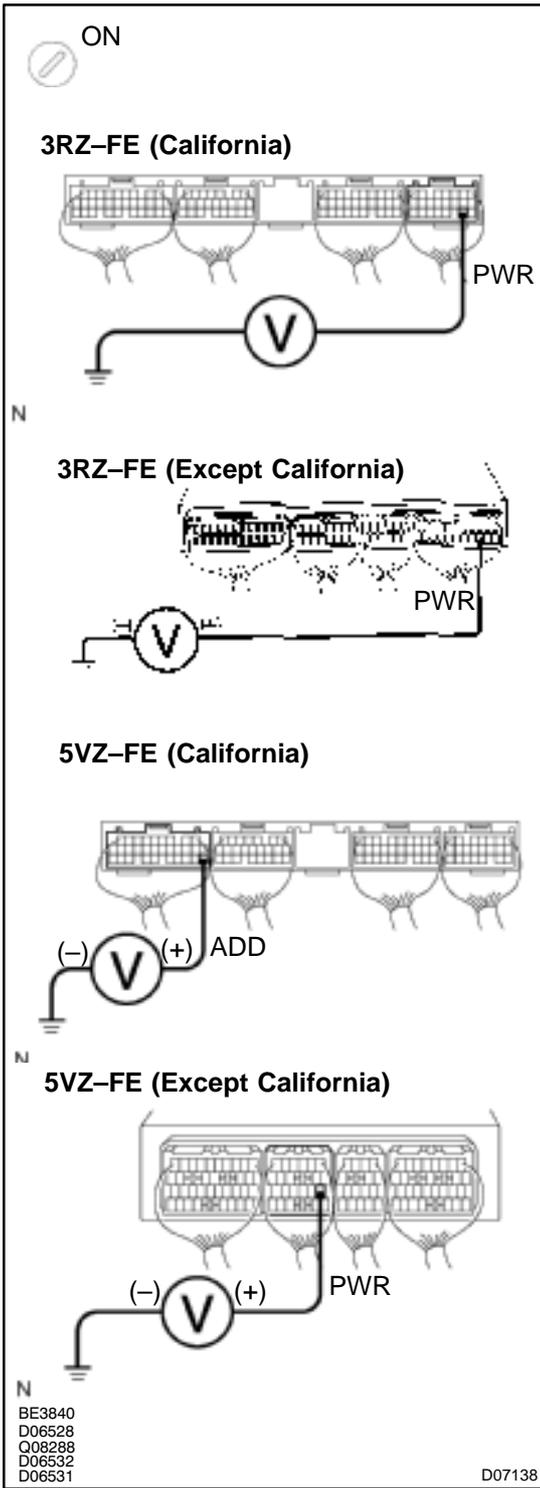
- (a) Remove the DLC3 cover.
- (b) Connect a TOYOTA hand-held tester to the DLC3.
- (c) Turn the ignition switch ON and TOYOTA hand-held tester main switch ON.

**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

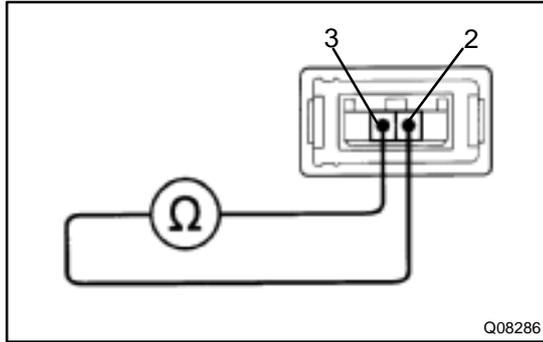
**HINT:**

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).