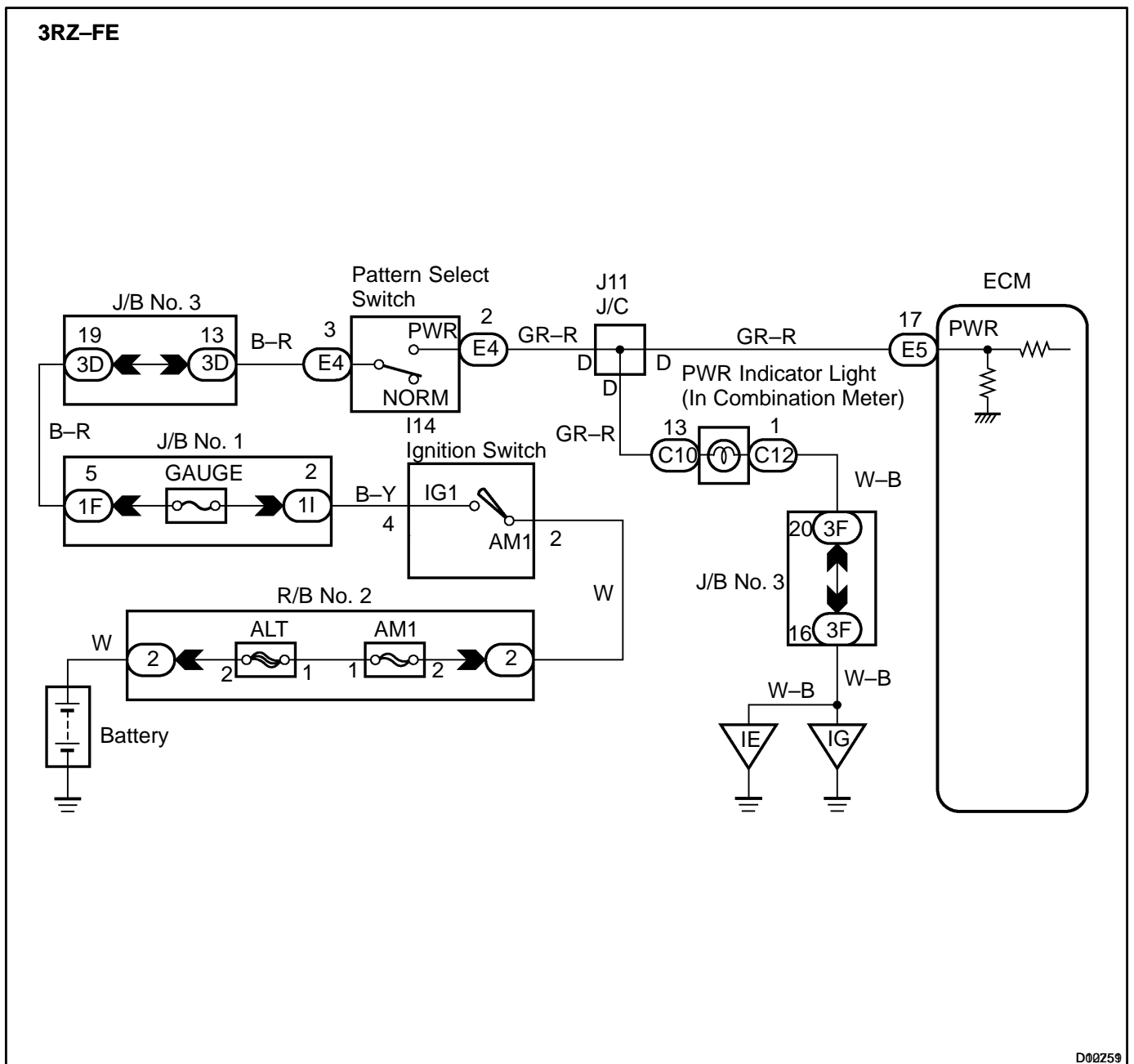


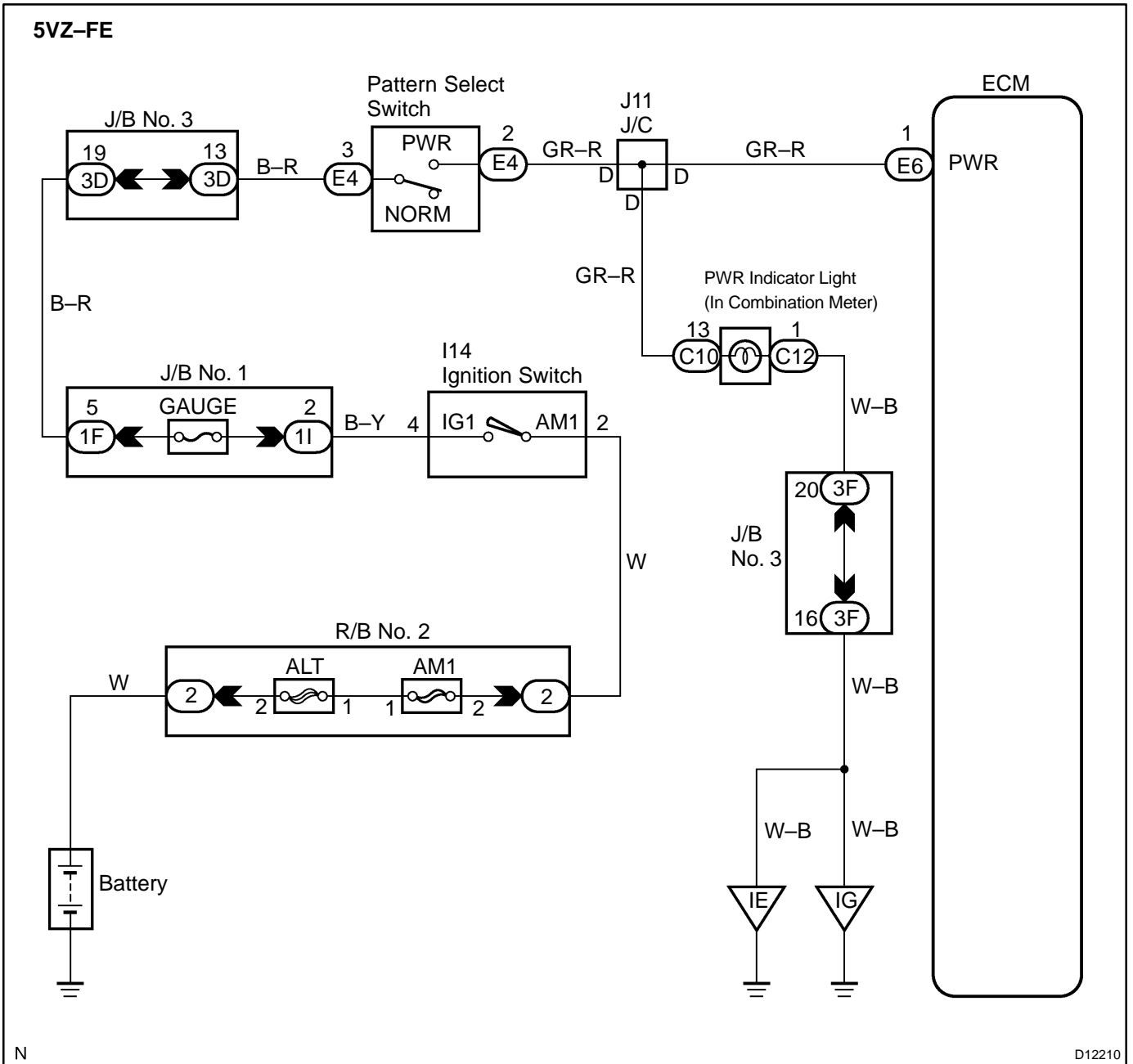
Pattern Select Switch Circuit

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





N

D12210

INSPECTION PROCEDURE

1 Check PATTERN SEL SW signal.

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

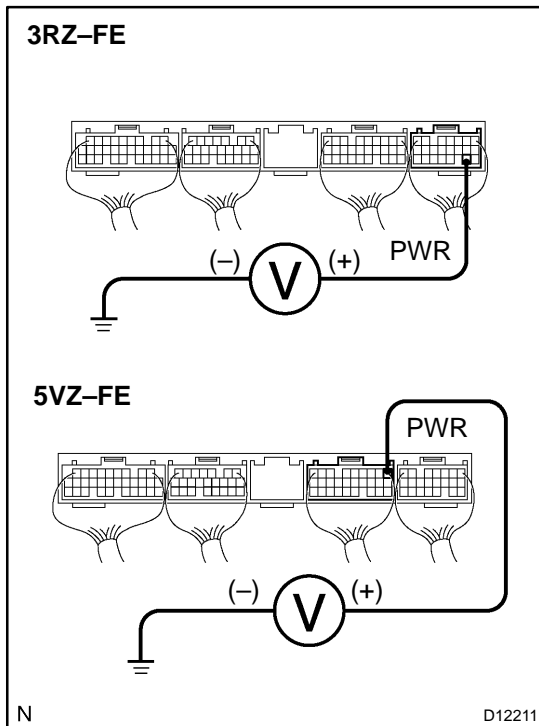
- Remove the DLC3 cover.
- Connect a hand-held tester to the DLC3.
- Turn the ignition switch ON and hand-held tester main switch ON.

CHECK:

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

OK:

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

**When not using 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:

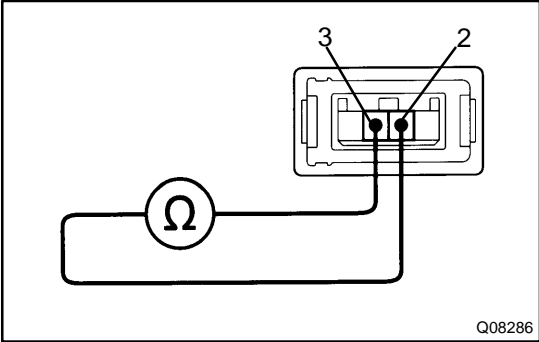
The ECM uses the normal pattern signal if the PWR signal is not input.

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-476](#)).

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).