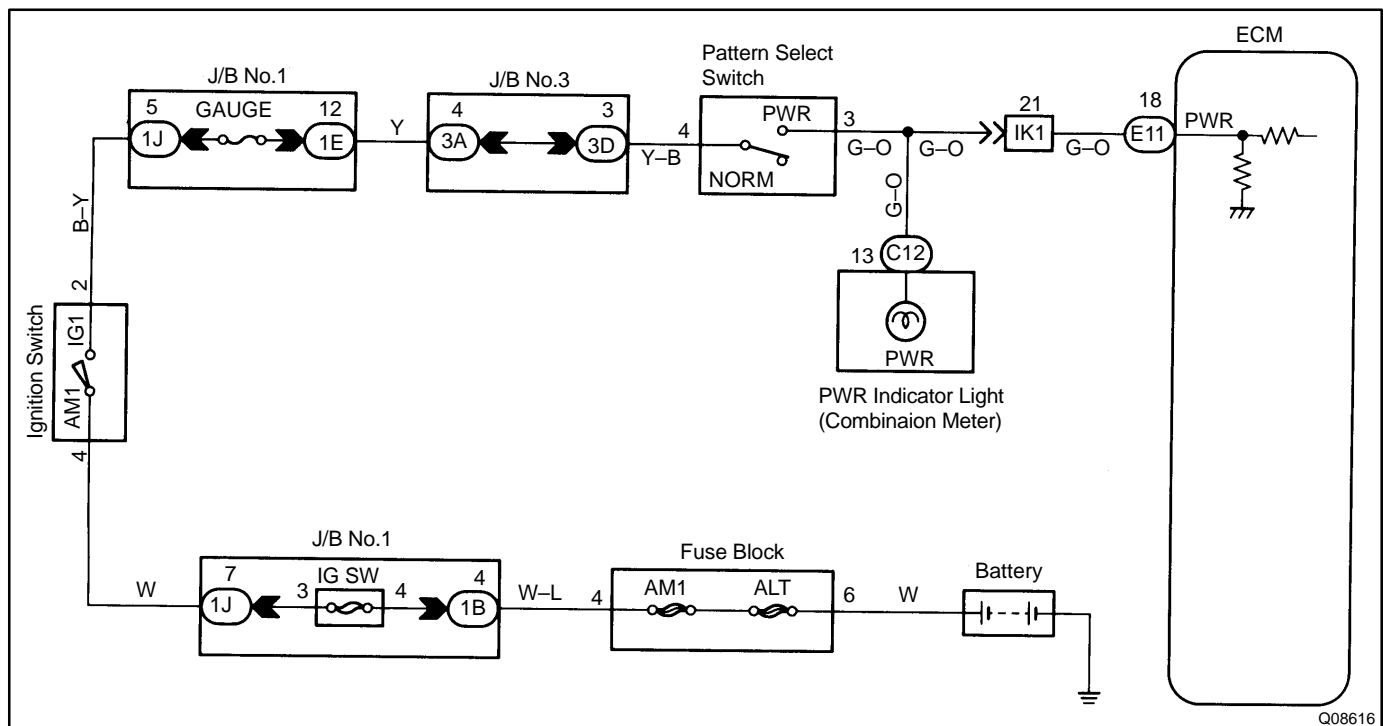


Pattern Select Switch Circuit

CIRCUIT DESCRIPTION

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

WIRING DIAGRAM



INSPECTION PROCEDURE**1 Check operation of PWR indicator light.****CHECK:**

Check if the PWR indicator light normally when the pattern select switch is set to NORM and PWR position.

OK:

Pattern select switch	PWR indicator light
PWR	Light up
NORM	Goes off

NG**Check and repair PWR indicator light.****OK****2 Check PATTERN SEL SW signal.**

When using LEXUS hand-held tester:

PREPARATION:

- (a) Connect the LEXUS hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and LEXUS hand-held tester main switch ON.

CHECK:

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

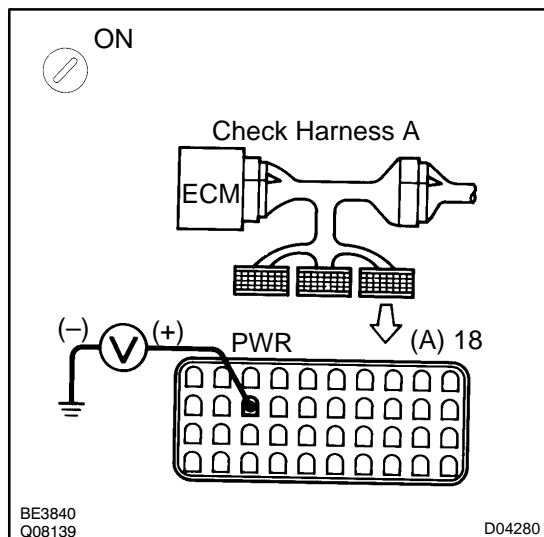
OK:

PWR side pushed in:

PATTERN SEL SWON

NORM side pushed in:

PATTERN SEL SWOFF



When not using LEXUS hand-held tester:

PREPARATION:

- Connect the check harness A to ECM.
- Turn the ignition switch ON.

CHECK:

Measure voltage between terminal PWR of check harness A connector 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	7.5 – 14 V
NORM	Below 1.5 V

HINT:

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

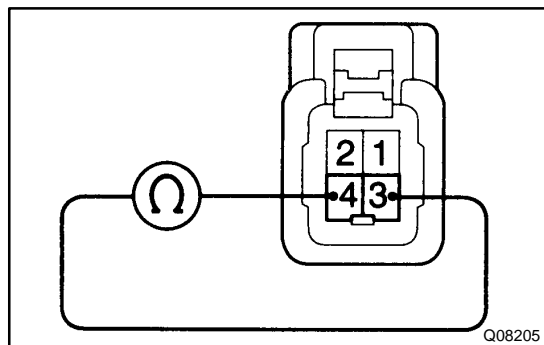
OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-314](#)).

NG

3

Check pattern select switch.



PREPARATION:

Disconnect the pattern select switch connector.

CHECK:

Check continuity between terminals 3 and 4 of the pattern select switch connector when the select switch is set to PWR and NORM positions.

OK:

Pattern	Specified condition
PWR	Continuity
NORM	No continuity

NG

Replace pattern select switch.

OK

4	Check harness and connector between battery and pattern select switch, pattern select switch and ECM (See page IN-29).
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NG

Repair or replace harness or connector.

OK

Check and replace ECM.