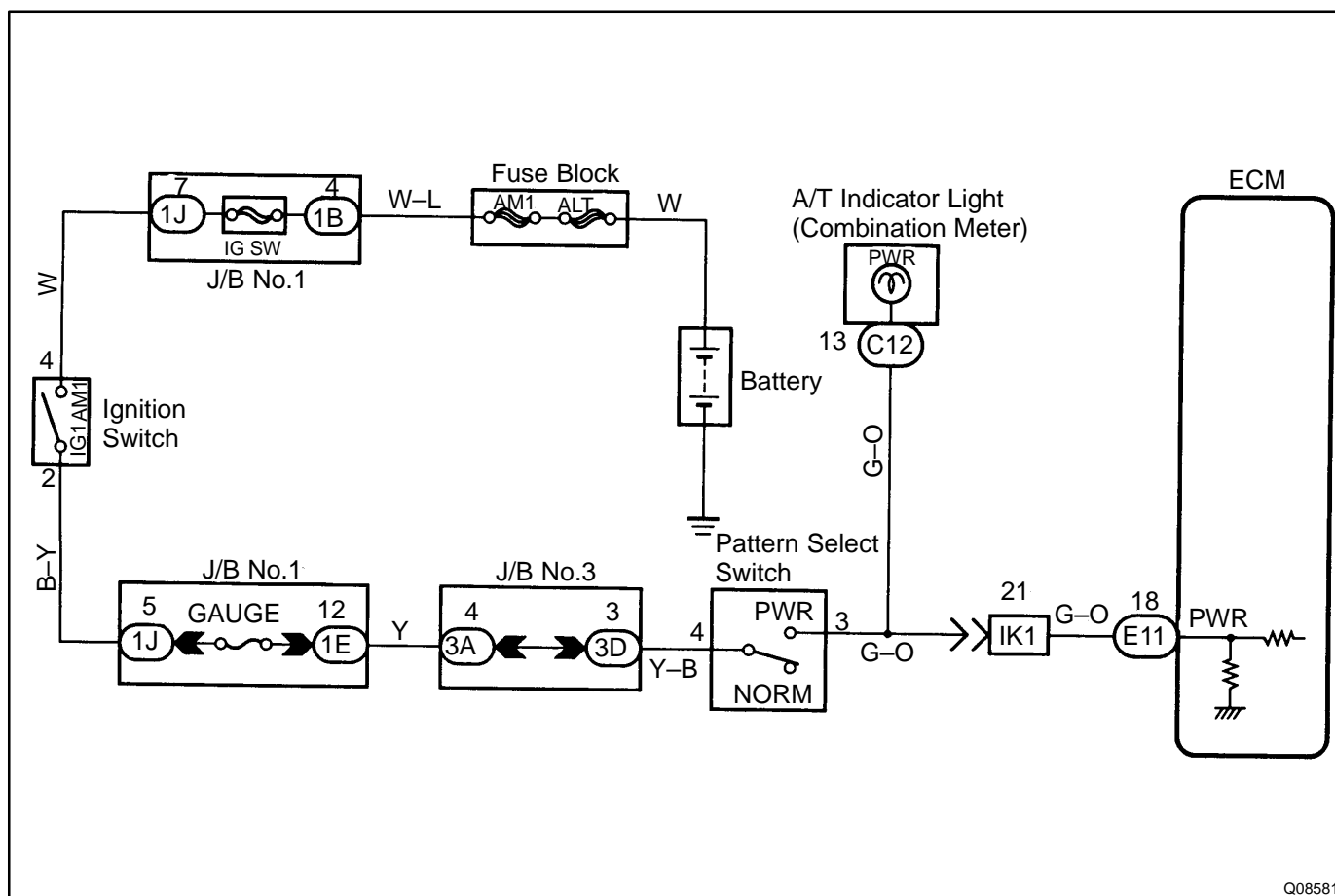


Pattern Select Switch Circuit

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



Q08581

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.

NG

Check and repair PWR indicator light circuit.

OK

2

Check PATTERN SEL SW signal.**When using LEXUS hand-held tester:****PREPARATION:**

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

CHECK:

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

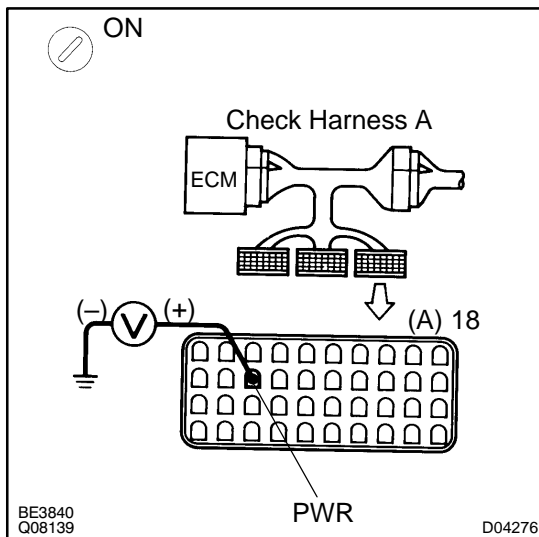
OK:

PWR side pushed in:

PATTERN SEL SWON

NORM side pushed in:

PATTERN SEL SWOFF

**When not using LEXUS hand-held tester:****PREPARATION:**

- (a) Connect the check harness A to ECM (See page [DI-350](#)).
- (b) Turn ignition switch ON.

CHECK:

Measure voltage between terminal P of check harness A 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 V

HINT:

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

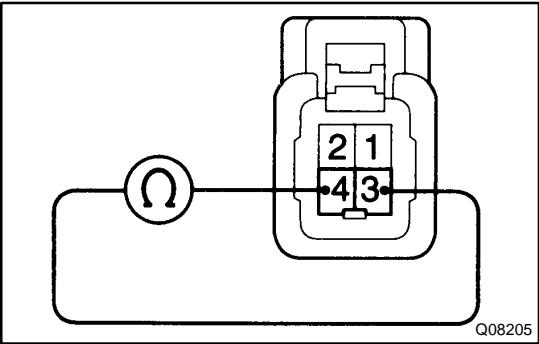
OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-366](#)).

NG

3

Check pattern select switch.



PREPARATION:

Disconnect pattern select switch connector.

CHECK:

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

OK:

Pattern	Resistance
PWR	0 Ω (continuity)
NORM	∞ Ω (open)

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](#)).

NG

Repair or replace harness or connector.

OK

Check and replace ECM.