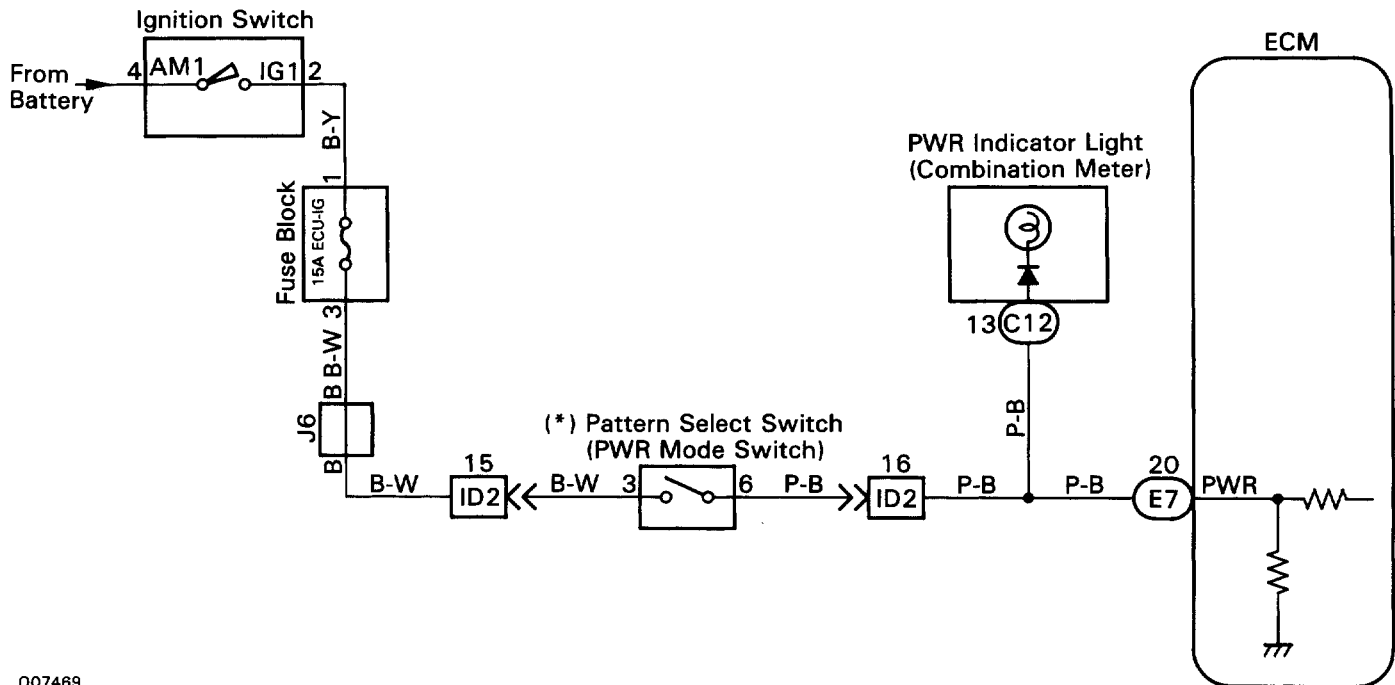


Pattern Select Switch Circuit (PWR Mode Switch)

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



Q07469

(*) Pattern Select Switch(PWR Mode Switch)

When the PWR mode switch is pushed in, the switch is contacted and the PWR mode is selected. To cancel the PWR mode, push the PWR mode switch once again.

INSPECTION PROCEDURE

1 Check operation of PWR indicator light.

- P** Check if the PWR indicator light normally when the PWR mode switch is set to NORM and PWR position.

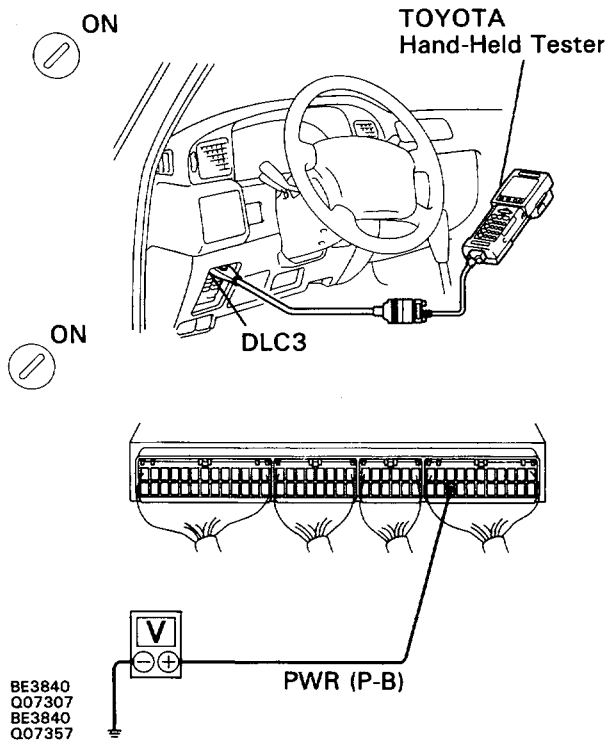
OK

NG

Check and repair PWR indicator light.

Go to step 2

2 Check PWR signal.



NG

- P** 1. Remove the DLC 3 cover.
2. Connect the TOYOTA hand-held tester to the DLC 3. (OBD II connector.)
3. Turn ignition switch ON and TOYOTA hand-held tester main switch ON.

C Read the PWR signal on the TOYOTA hand-held tester.

OK **PWR mode switch in PWR: ON**
PWR mode switch in NORM: OFF

P Turn ignition switch ON.

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

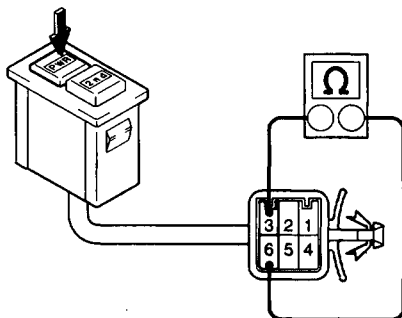
PWR mode switch	Voltage
PWR	7.5 ~ 14 V
NORM	Below 1.5 V

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 [AT-64](#)).

3 Check PWR mode switch.



OK

P Disconnect pattern select switch connector.

C Measure resistance between terminals of pattern select switch connector when the PWR mode switch is set to the PWR (POWER) positions.

PWR mode switch	Resistance
PWR	0 Ω (continuity)
NORM	∞ Ω (open)

NG

Replace pattern select switch.

4 Check harness and connector between battery and pattern select switch, pattern select switch and ECM (See page [IN-26](#)).

OK

NG

Repair or replace harness or connector.

Check and replace ECM