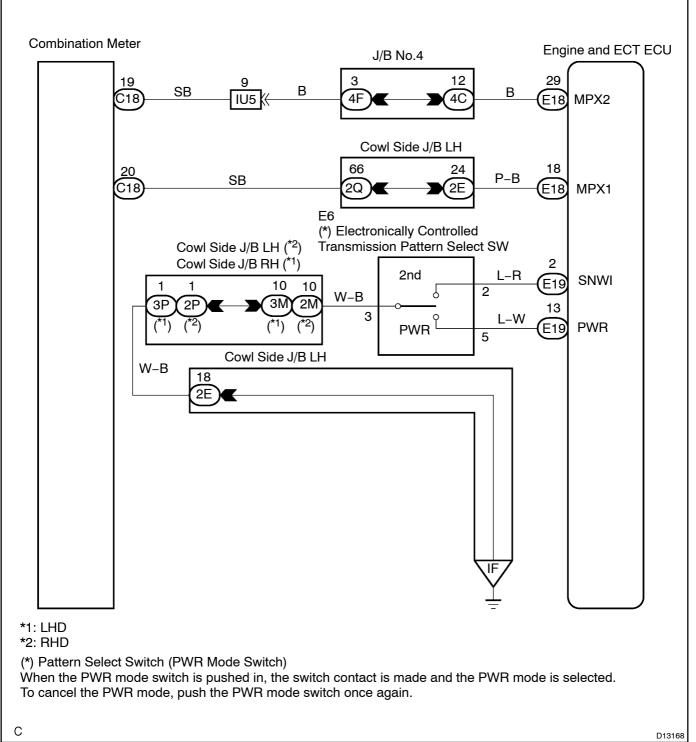
DIAVO_01

Pattern Select Switch Circuit (PWR Mode Switch)

CIRCUIT DESCRIPTION

The Engine and ECT ECU memory contains the shift programs for the NORMAL and POWER patterns, 2 range, L range and the lock-up patterns. Following the programs corresponding to the signals from the pattern select switch, the Neutral startand other various sensors, the Engine and ECT ECU switches the solenoid valves ON and OFF, and controls the transmission gear change and the lock-up clutch operation.

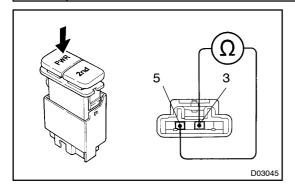
WIRING DIAGRAM



INSPECTION PROCEDURE

1[]

Check pattern select switch PWR mode switch).



PREPARATION:

Disconnect[]he[]pattern[\$elect[\$witch[connector.

CHECK:

Check_continuity_between_terminals_B_and_b_pf_pattern_select switch_connector_when_the_select_switch_s_set_to_PWR_and NORM_anges.

OK:

Pattern[select[switch	Specified @ondition
PWR	Continuity
NORM	No⊡continuity

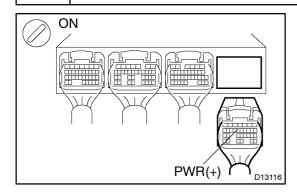
NG

Replace[the[pattern[select[switch.

ОК

2□

Check[PATTERN[\$EL[\$W[\$ignal.



PREPARATION:

- (a) Connect he pattern select witch connector.
- (b) Turn the ignition switch ON.

CHECK:

Measure[voltage[between[terminal]PWR[bf[Engine[and[ECT ECU[and[body[ground[when[the[battern[select[switch[is[set[to the[PWR[POWER]]]ange[and[NORM[NORMAL)]]ange.

OK:

Pattern[select[switch	Voltage
PWR	Below[].5[]V
NORM	10 -[] 4[]V

HINT:

The Engine and ECT ECU uses the formal pattern signal of the PWR signal of the put.



NG

Repair or replace harness or connector (See page N-38).

LAND[CRUISER[[W/G)[\$UP[] (RM970E)