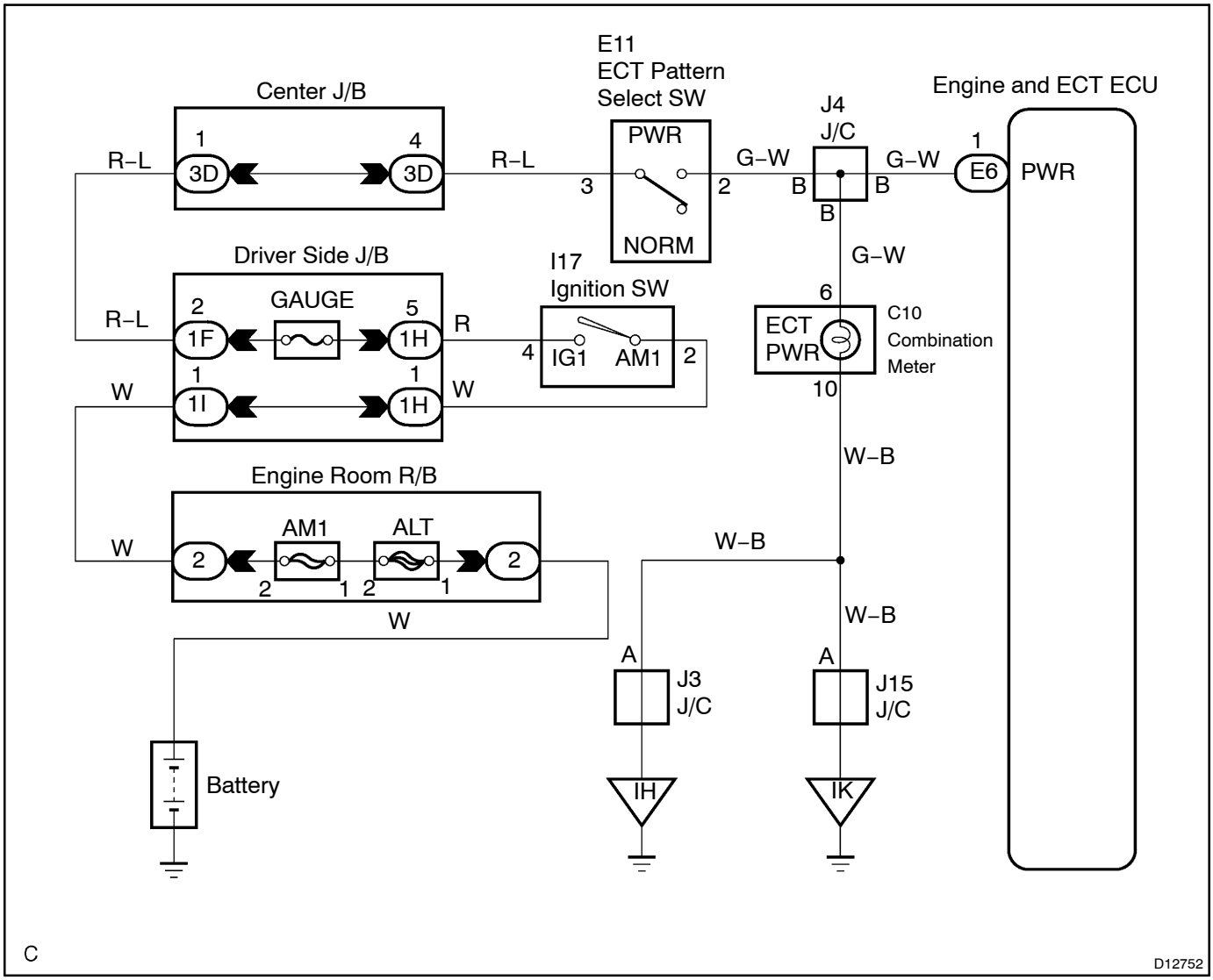
Pattern Select Switch Circuit

CIRCUIT DESCRIPTION

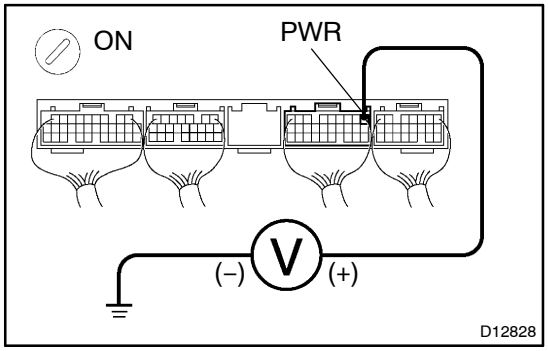
The Engine & ECT ECU memory contains the shift programs for the NORMAL and POWER patterns, 2 range, L range and the lock–up patterns. Following the programs corresponding to the signals from the pattern select switch, the neutral start switch and other various sensors, the Engine & ECT ECU switches the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

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check PATTERN SEL SW signal.



PREPARATION:
Turn the ignition switch ON.
CHECK:
Measure voltage between terminal PWR of Engine & ECT ECU and body ground when the pattern select switch is set to the PWR (POWER) position and NORM (NORMAL) position.
OK:

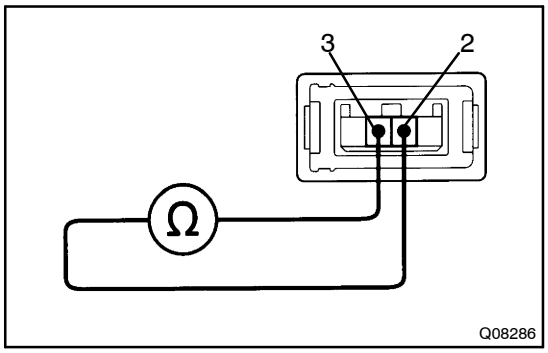
Pattern select switch	Voltage
PWR	10 – 14 V
NORM	Below 1 V

HINT:
The Engine & ECT ECU 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–19).

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–26).**

NG → **Repair or replace the harness or connector.**

OK

Check and replace the ECM (See page IN–26).