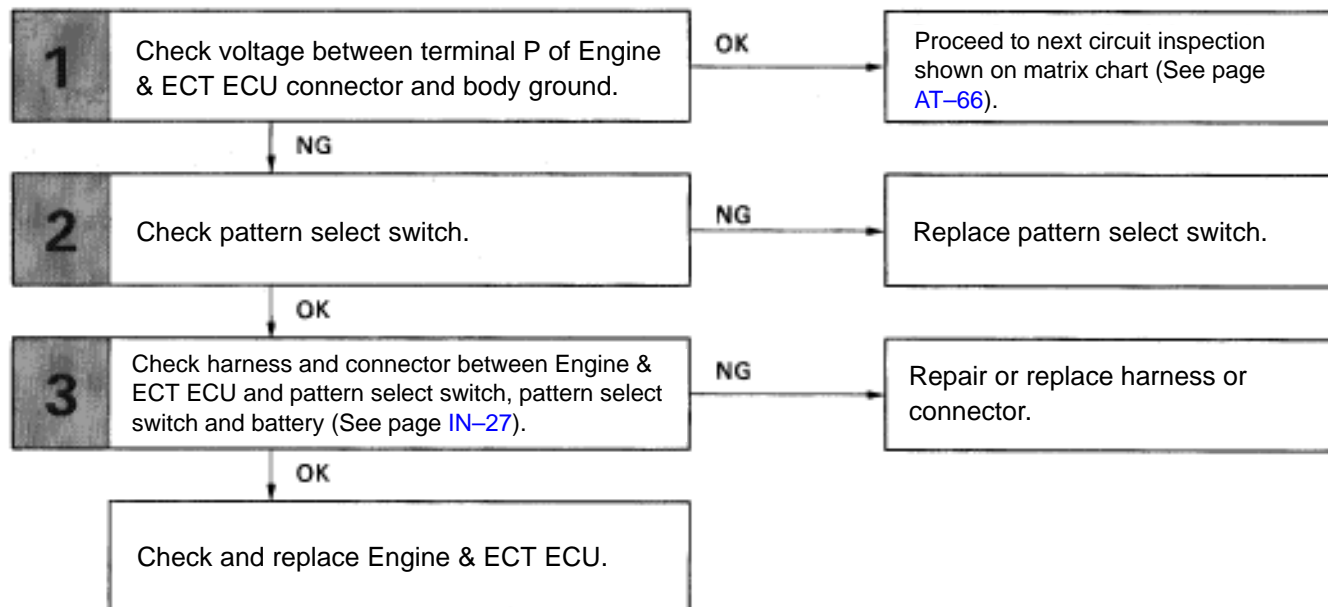


Pattern Select Switch Circuit

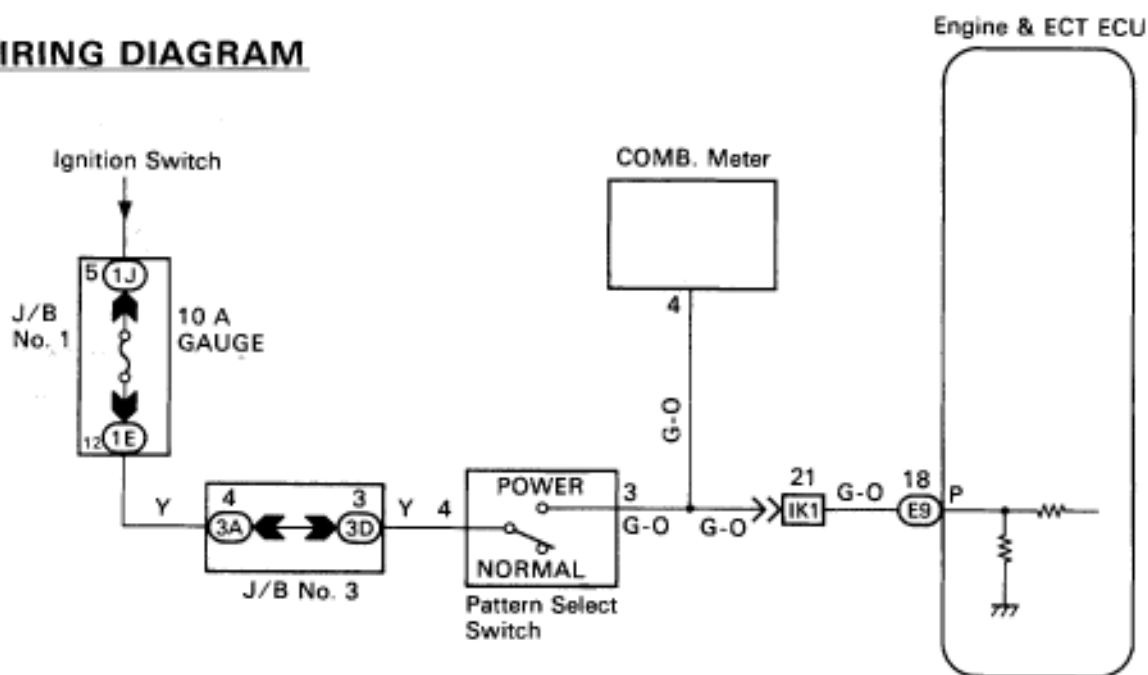
— CIRCUIT DESCRIPTION —

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

— DIAGNOSTIC CHART —



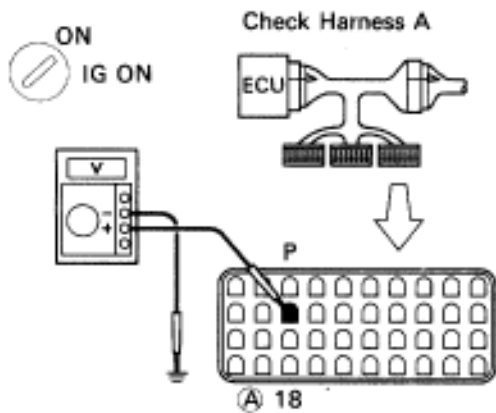
WAIRING DIAGRAM



INSPECTION PROCEDURE

1

Check voltage between terminal P of Engine & ECT ECU connector and body ground.

BE6653
AT8772**P**

1. Connect the Check Harness A to the ECU. (See page [TR-30](#)).
2. Turn ignition switch ON.

C

Measure voltage between terminals P of Engine & ECT ECU connector and body ground when the pattern select switch is set to the PWR (POWER) position and the NORM (NORMAL) position.

OK

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

Note

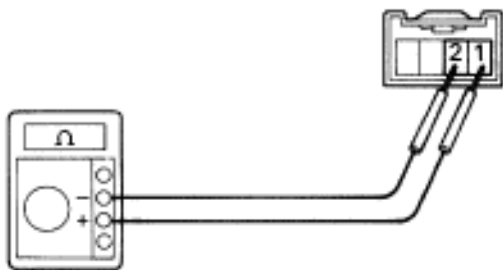
The ECU uses the normal pattern signal if the power signal is not input.

NG**OK**

Proceed to next circuit inspection shown on matrix chart (See page [AT-66](#)).

2

Check pattern select switch.



AT5532

P

Disconnect pattern select switch connector (See page [BO-111](#))

C

Measure resistance between terminals 1 and 2 of pattern select switch connector when the select switch is set to the PWR and NORM positions.

OK

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

OK**NG**

Replace pattern select switch.

3

Check harness and connector between Engine & ECT ECU and pattern select switch, pattern select switch and battery (See page [IN-27](#)).

OK**NG**

Repair or replace harness or connector.

Check and replace Engine & ECT ECU.