

Pattern Select Switch Circuit (2nd Start Switch) & 2nd Start Switch Indicator Light Circuit

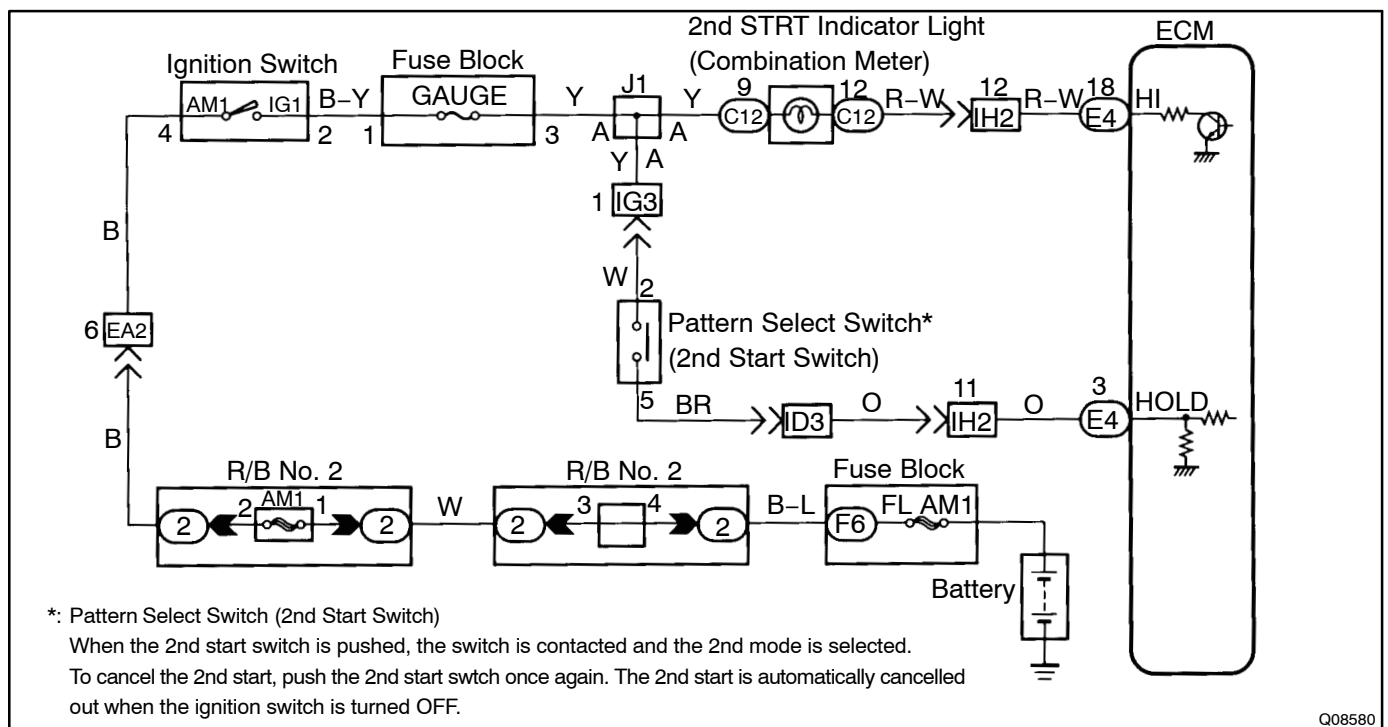
CIRCUIT DESCRIPTION

When 2nd start mode is selected with the pattern select switch, the ECM controls the solenoid valves and the transmission starts from 2nd gear.

In D position, the transmission automatically shifts up through 3rd to O/D as usual.

In 2nd position, the transmission is held in 2nd gear.

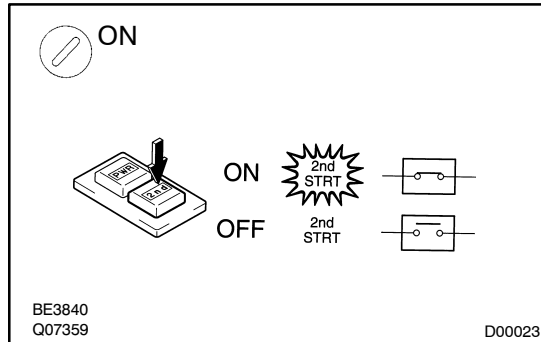
WIRING DIAGRAM



Q08580

INSPECTION PROCEDURE

1 Check operation of 2nd start switch.

**CHECK:**

- (a) Turn the ignition switch ON.
- (b) Check the "2nd STRT" indicator light when the 2nd start switch is pushed in to ON.

OK:

"2nd STRT" indicator light lights up.

CHECK:

Check the "2nd STRT" indicator light when the 2nd start switch is pushed again, or PWR mode switch is pushed into OFF.

OK:

"2nd STRT" indicator light goes off. When PWR mode switch is pushed in to ON, "2nd STRT" indicator light goes off, and "PWR" indicator light lights up.

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-147](#)).

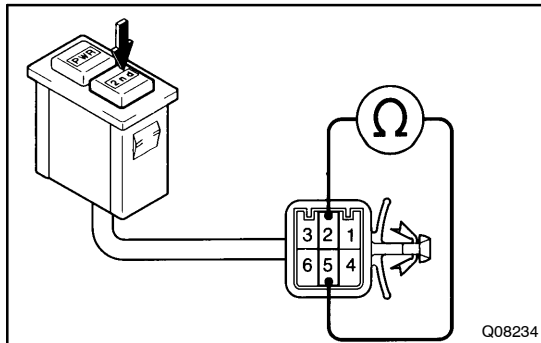
NG

2 Check 2nd start indicator bulb.

NG

Replace 2nd start indicator bulb.

OK

3 Check 2nd start switch.**PREPARATION:**

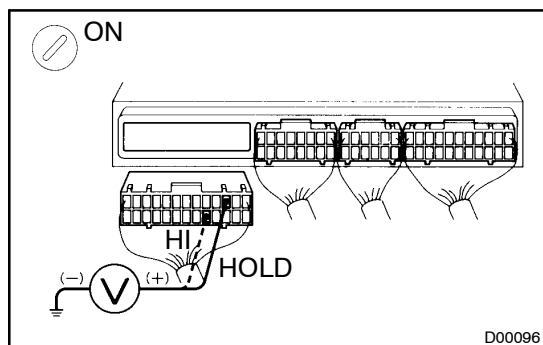
Disconnect the pattern select switch connector.

CHECK:

Check the resistance between terminals 2 and 5 of the pattern select switch connector when the pattern select switch is set to 2nd start switch ON and OFF.

OK:

2nd Start Switch	Resistance
ON	0 Ω (continuity)
OFF	∞ Ω (open)

NG**Replace pattern select switch.****OK****4 Check voltage between terminals HOLD and HI of ECM and body ground.****PREPARATION:**

- (a) Turn ignition switch ON.
- (b) Disconnect the connector from the ECM.

CHECK:

Check the voltage between terminal HOLD of the ECM and body ground when the select switch is set to 2nd start switch ON and OFF.

OK:

2nd Start Switch	Voltage
ON	9 – 14 V
OFF	Below 1.5 V

CHECK:

Check the voltage between terminal HI of the ECM and body ground.

OK:**Voltage: 7.5 – 14 V****OK****Check and replace ECM.****NG**

Check and replace harness and connector between battery and pattern select switch, pattern select switch and ECM, battery and 2nd start indicator light, and 2nd start indicator light and ECM (See page IN-28).