

Pattern Select Switch Circuit (2nd Start Switch)

CIRCUIT DESCRIPTION

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

In D range, the transmission automatically shifts up through 3rd to 5th as usual.

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

Combination Meter

J/B No.4

Engine and ECT ECU

19 C18 SB 9 IU5 B 3 4F 12 4C B 29 E18 MPX2

20 C18 SB 66 2Q 24 2E P-B 18 E18 MPX1

E6
(*) Electronically Controlled Transmission Pattern Select SW

Cowl Side J/B LH (*2)
Cowl Side J/B RH (*1)

1 1 10 10
3P 2P 3M 2M
(*1) (*2) (*1) (*2)

W-B 3

2nd
PWR

L-R 2 E19 SNWI
L-W 5 E19 PWR

W-B 18 2E

IF

*1: LHD
*2: RHD

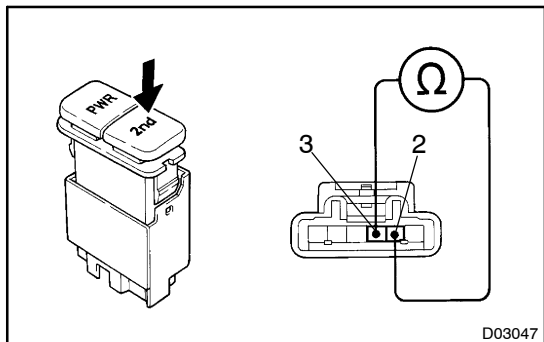
(*) Pattern Select Switch (2nd Start Switch)
When the 2nd start switch is pushed, the switch contact is made and the 2nd mode is selected.
To cancel the 2nd start, push the 2nd start switch once again. The 2nd start is automatically cancelled out when the ignition switch is turned OFF.

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D1316

INSPECTION PROCEDURE

1 Check pattern select switch (2nd start switch).

**PREPARATION:**

Disconnect the pattern select switch connector.

CHECK:

Check continuity between terminals 2 and 3 of pattern select switch connector when pattern select switch is set to 2nd start switch ON and OFF.

OK:

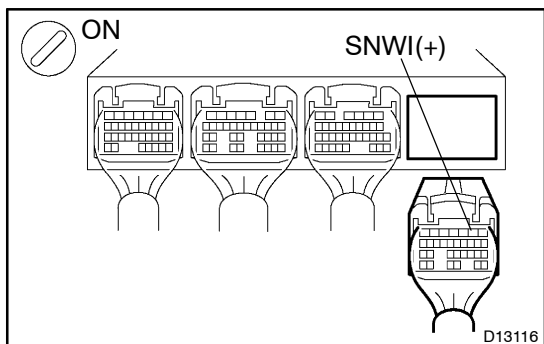
2nd start switch	Specified condition
Press continuously "2nd" switch	Continuity
Release "2nd" switch	No continuity

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Replace the pattern select switch.

OK

2 Check voltage between terminal SNWI of Engine and ECT ECU and body ground.

**PREPARATION:**

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

CHECK:

Check voltage between terminal SNWI of Engine and ECT ECU and body ground when the select switch is set to 2nd start switch ON and OFF.

OK:

2nd start switch	Voltage
Press continuously "2nd" switch	Below 1.5 V
Release "2nd" switch	7.5 – 14 V

OK

Proceed to next circuit inspection shown on matrix chart ([See page DI-119](#)).

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Repair or replace harness or connector
([See page IN-38](#)).