

Pattern Select Switch Circuit (2nd Start Switch)

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 5th as usual.

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

Combination Meter

J/B No.4

Cowl Side J/B LH

Cowl Side J/B RH

E4
(*) Electronically Controlled Transmission Pattern Select SW

ECM

MPX2

MPX1

SNWI

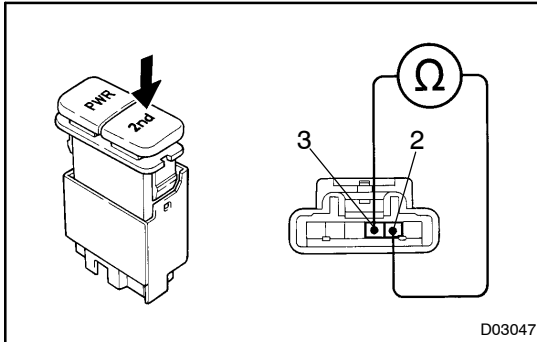
PWR

IF

Wiring details: The diagram shows the electrical connections for the 2nd start switch (E4). It includes the Combination Meter, J/B No.4, Cowl Side J/B LH, Cowl Side J/B RH, and the ECM. The ECM has terminals for MPX2 (29), MPX1 (18), SNWI (5), and PWR (28). The 2nd start switch (E4) has terminals for 2nd, 3, L-R, L-W, and PWR. The Cowl Side J/B LH has terminals for 66, 24, and 18. The Cowl Side J/B RH has terminals for 1, 10, and 3. The J/B No.4 has terminals for 3, 4F, 4C, and 12. The Combination Meter has terminals for 19 (C15), 20 (C15), and 18 (2E). The wiring includes SB (Signal Bus), B (Body Ground), P-B (Power Bus), W-B (Water Pump), and IF (Ignition Switch).

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:

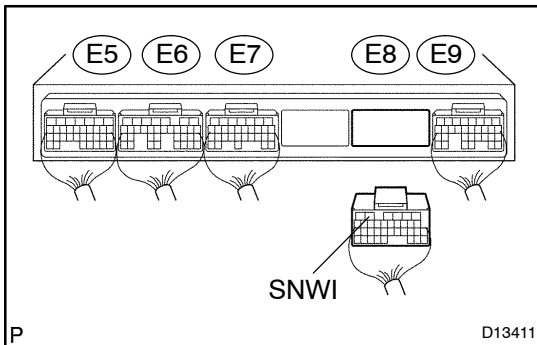
2nd start switch	Specified condition
Press continuously "2nd" switch	Continuity
Release "2nd" switch	No continuity

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Replace the pattern select switch.

OK

2 Check harness and connector between terminal SNWI of ECM and body ground.

**PREPARATION:**

- (a) Connect the pattern select switch connector.
- (b) Disconnect the connector of ECM.

CHECK:

Check continuity between terminal SNWI of ECM and body ground when the 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

OK

Proceed to next circuit inspection shown on matrix chart (See page [DI-396](#)).

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Repair or replace harness or connector
(See page [IN-36](#)).