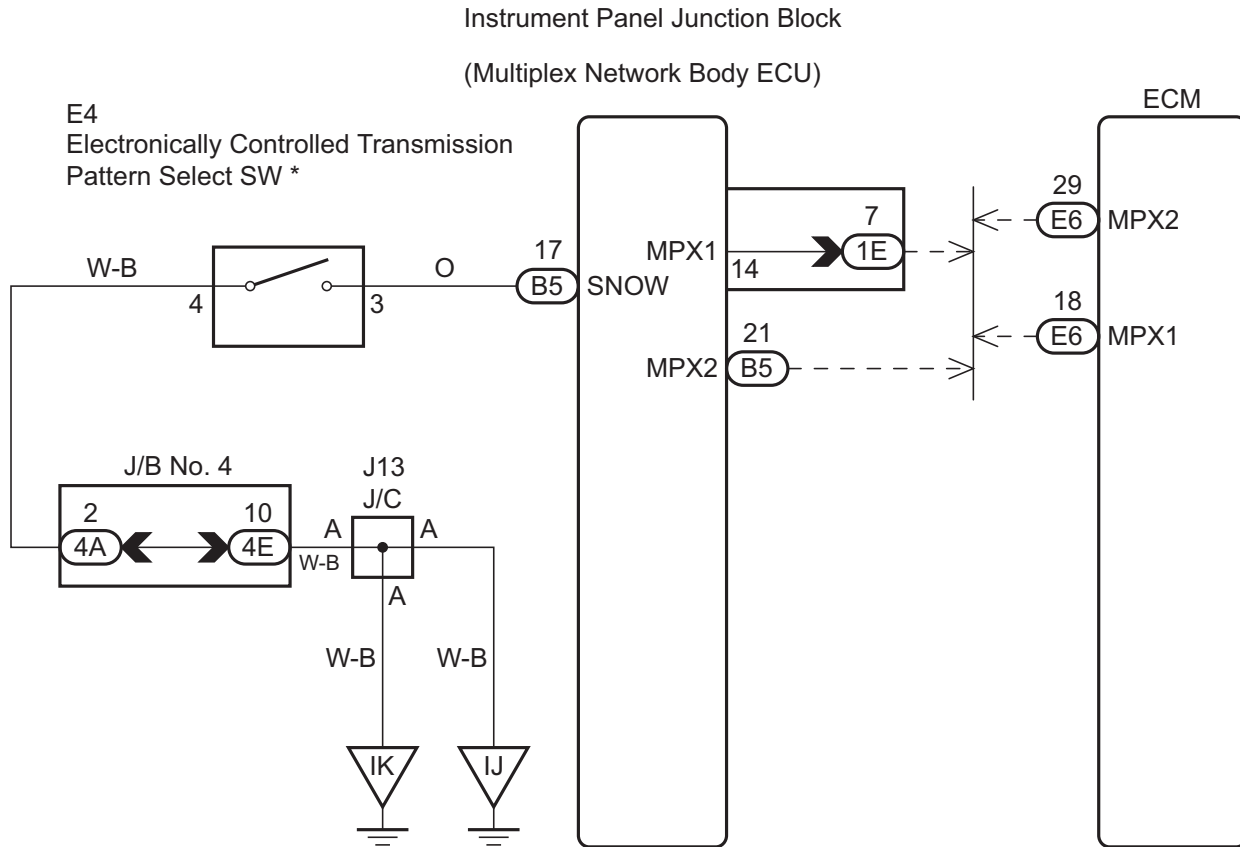


Pattern Select Switch Circuit

DESCRIPTION

ECT SNOW is the system that operates the throttle motor to control engine output to reduce skidding of the driving wheels, guarantee takeoff acceleration, driving straightness and turning stability.

WIRING DIAGRAM



(*): Pattern Select Switch (ECT SNOW Switch)

When the ECT SNOW switch is pushed, the switch contact is made and the ECT SNOW mode is selected. To cancel the ECT SNOW mode, push the ECT SNOW switch once again. The ECT SNOW mode is automatically cancelled out when the ignition switch is turned "OFF".

AX

1 DRIVING TEST

- (a) Start the engine.
- (b) Turn the ECT SNOW switch "OFF" (Normal drive mode).
- (c) Confirm vehicle response by driving from a parked position to fully depressing the accelerator pedal (*1).
- (d) Turn the ECT SNOW switch "ON" and perform the same check as (*1).

Confirm that there is a difference between ECT SNOW switch "ON" and "OFF".

HINT:

- Driving test should be done on a paved road (a nonskid road).
- Make sure not to use the TRAC system when testing a vehicle equipped with one.

Standard:

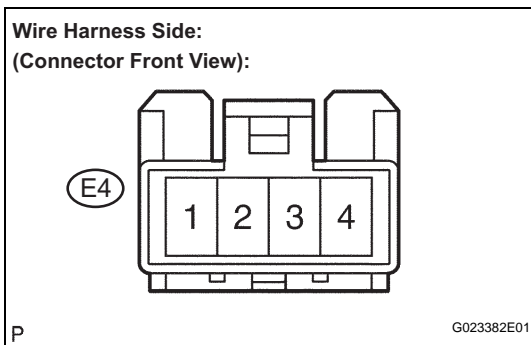
There is a difference in acceleration between "ON" and "OFF".

NG → **Go to step 2**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE

2 CHECK HARNESS AND CONNECTOR (PATTERN SELECT SWITCH ASSEMBLY NO.1 - BODY GROUND)



- (a) Disconnect the connector of pattern select switch (ECT SNOW switch).
- (b) Measure the resistance according to the value(s) in the table below.

Resistance

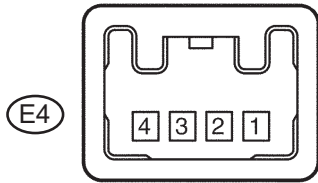
Tester Connection	Specified Condition
4 - Body ground	Below 1 Ω

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

3 INSPECT PATTERN SELECT SWITCH ASSEMBLY NO.1

Switch Side:
(Connector Front View):



G026114E01

(a) Measure the resistance according to the value(s) in the table below.

Resistance

Switch Condition	Tester Connection	Specified Condition
Press continuously Pattern select switch	3 - 4	Below 1 Ω
Release Pattern select switch		10 kΩ or higher

NG

REPLACE PATTERN SELECT SWITCH ASSEMBLY NO.1

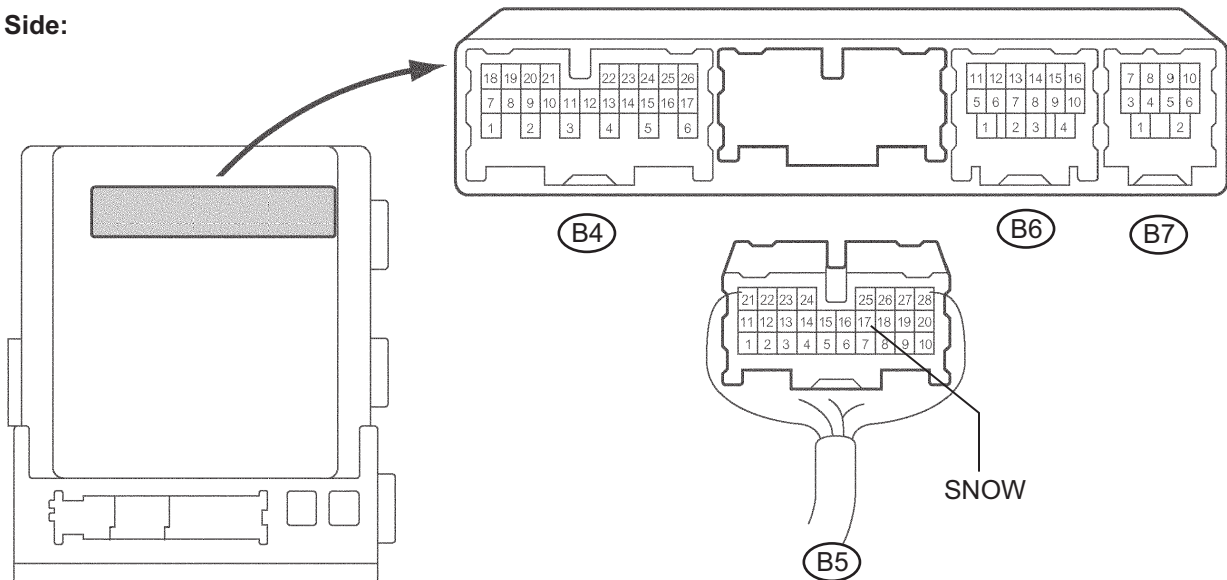
OK

4 CHECK HARNESS AND CONNECTOR (PATTERN SELECT SWITCH ASSEMBLY NO.1 - MULTIPLEX NETWORK BODY)

- (a) Connect the connector of pattern select switch (ECT SNOW switch).
- (b) Disconnect the instrument panel junction block assembly (multiplex network body ECU) connector.
- (c) Measure the resistance between terminals SNOW of instrument panel junction block assembly (multiplex network body ECU) and body ground.

Instrument Panel Junction Block Assembly (Multiplex Network Body ECU):

Back Side:



H

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AX

Resistance

Switch Condition	Tester Connection	Specified Condition
Press continuously Pattern select switch	B5 - 17 (SNOW) - Body ground	Below 1 Ω
Release Pattern select switch		10 k Ω or higher

NG **REPAIR OR REPLACE HARNESS OR CONNECTOR**

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE