

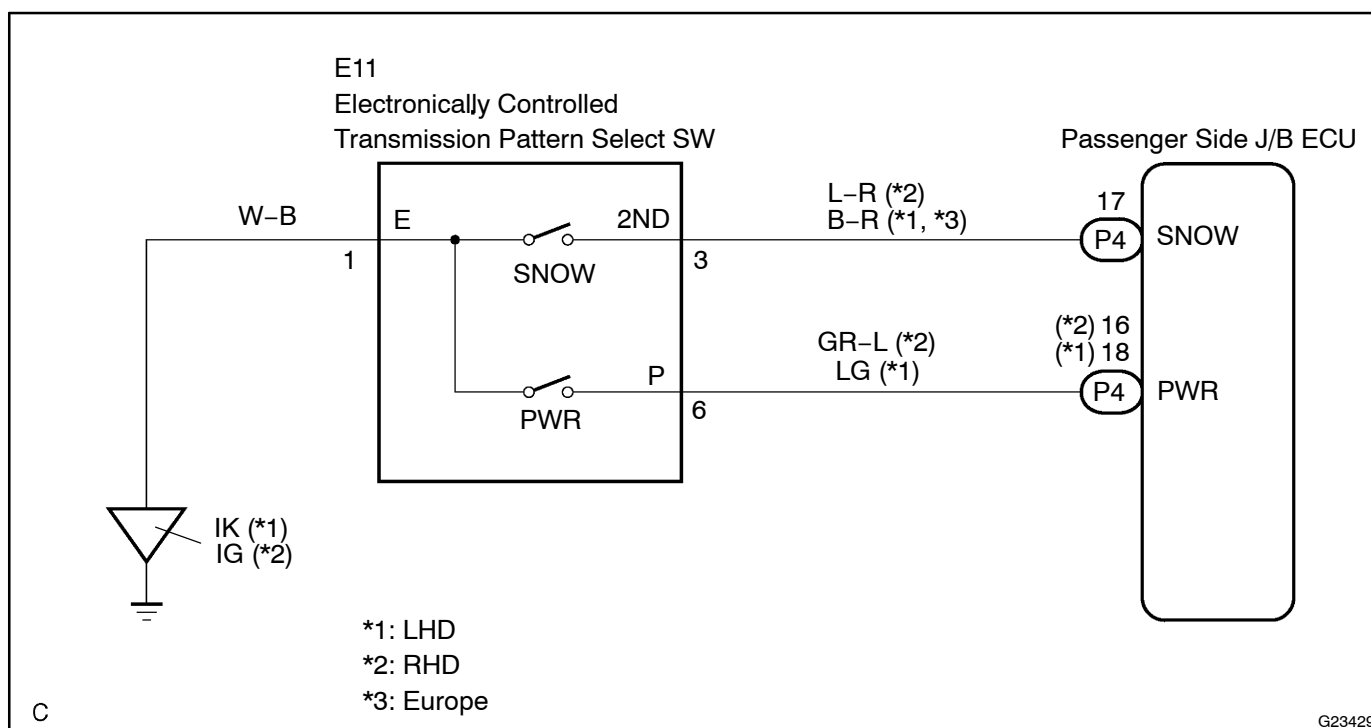
PATTERN SELECT SWITCH CIRCUIT (PWR)

CIRCUIT DESCRIPTION

Passenger side J/B ECU receives pattern select switch information, and sends it through the multiplex communication system and CAN system to the ECM.

The ECM memory contains the shift programs for the NORMAL, POWER and SNOW patterns, 2 position, L position and the lock-up patterns. By following the programs corresponding to the signals from the pattern select switch, the neutral start and other various sensors, the ECM switches the solenoid valves ON and OFF, and controls the transmission gear change and the lock-up clutch operation.

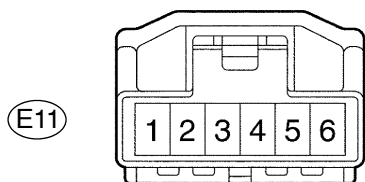
WIRING DIAGRAM



INSPECTION PROCEDURE

1 CHECK HARNESS AND CONNECTOR (PATTERN SELECT SWITCH ASSY NO.1 – BODY GROUND)

Wire Harness Side:
(Connector Front View):



P

G23417

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

Standard:

Tester Connection	Specified Condition
1 – Body ground	Below 1 Ω

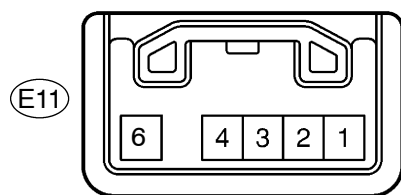
NG

REPAIR OR REPLACE HARNESS OR CONNECTOR (SEE PAGE 01-44)

OK

2 INSPECT PATTERN SELECT SWITCH ASSY NO.1

Switch Side:
(Connector Front View):



C81900

G31452

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

Standard:

Switch Condition	Tester Connection	Specified Condition
Pattern select switch (PWR)	1 – 6	Below 1 Ω
Pattern select switch (NORM)	$\uparrow$	10 k Ω or higher

NG

REPLACE PATTERN SELECT SWITCH ASSY NO.1

OK

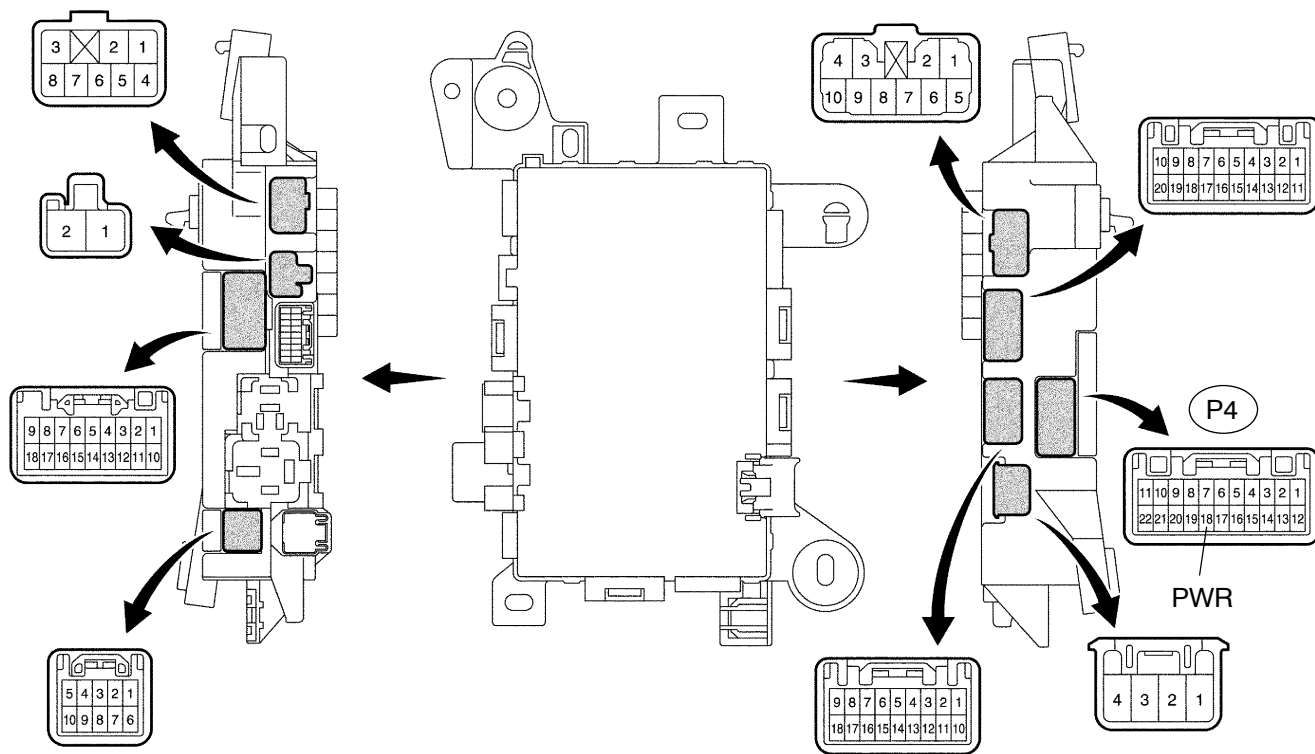
3 CHECK HARNESS AND CONNECTOR (PATTERN SELECT SWITCH ASSY NO.1 – MULTIPLEX NETWORK BODY ECU)

- Connect the connector of pattern select switch.
- Disconnect the passenger side junction block assy (multiplex network body ECU) connector.
- Measure the resistance between terminal PWR of passenger side junction block assy (multiplex network body ECU) and body ground.

Standard:

Switch Condition	Tester Connection	Specified Condition
Pattern select switch (RWR)	P4 – 18 (PWR) – Body ground	Below 1 Ω
Pattern select switch (NORM)	$\uparrow$	10 k Ω or higher

**Passenger Side Junction Block Assy (Multiplex Network Body ECU):
Back Side:**



P

E72879

NG

REPAIR OR REPLACE HARNESS OR
CONNECTOR (SEE PAGE 01-44)

OK

PROCEED TO NEXT CIRCUIT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE
(SEE PAGE 05-539)