| DTC	B1223	POWER WINDOW SWITCH CIRCUIT ON PASSENGER DOOR

CIRCUIT DESCRIPTION

This DTC is output when the passenger door power window regulator switch is operated.
HINT:
- If this DTC is output when the switch is not operated, the switch may be stuck.
- If this DTC is not output when the switch is operated, the switch's contact is defective.
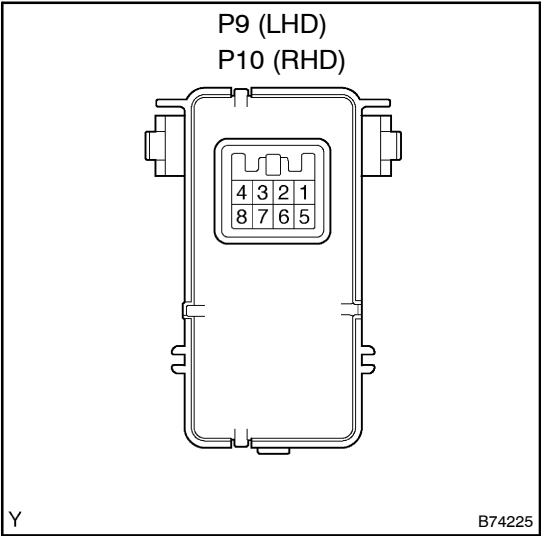
DTC No.	DTC Detection Condition	Trouble Area
B1223	Power window regulator switch on passenger door is operating	• Power window regulator switch assy • Passenger door ECU • Wire harness

WIRING DIAGRAM
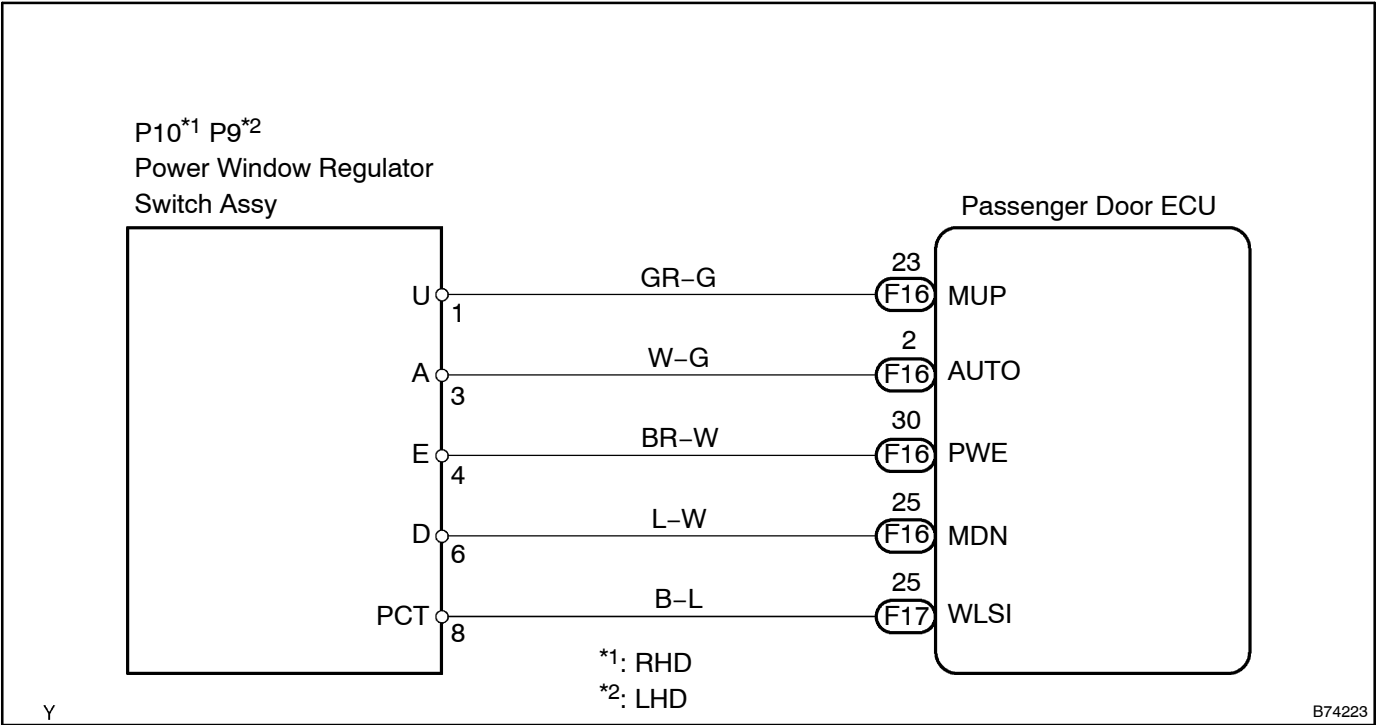
INSPECTION PROCEDURE

1	INSPECT POWER WINDOW REGULATOR SWITCH ASSY

P9 (LHD)
P10 (RHD)

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4 3 2 1
8 7 6 5
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(a) Remove the power window regulator switch.

(b) Disconnect the P10 (LHD) or P9 (RHD) switch connectors.

(c) Measure the resistance between the terminals of the connector when the switch is operated.

Standard:

Switch Condition	Tester Connection	Specified Condition
AUTO UP	3 − 8 1 − 8	Below 1 Ω
UP	1 − 8	Below 1 Ω
OFF	−	−
DOWN	6 − 8	Below 1 Ω
AUTO DOWN	3 − 8 6 − 8	Below 1 Ω

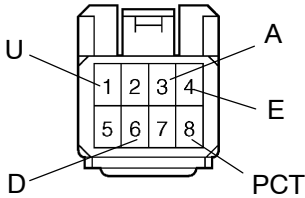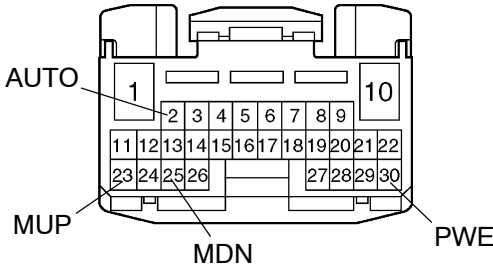| NG	**REPAIR POWER WINDOW REGULATOR SWITCH ASSY**

OK

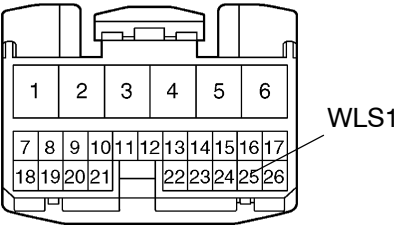| 2	CHECK WIRE HARNESS (POWER WINDOW CONTROL SWITCH FRONT RH FRONT LH – PASSENGER DOOR ECU)

Wire Harness Side

P10 Power Window
Control Switch Front RH (LHD)
P9 Power Window
Control Switch Front LH (RHD)

F16 Front Passenger Door ECU

F17 Front Passenger Door ECU

Y

B74236

(a) Disconnect the P10 (LHD) or P9 (RHD) switch connectors.

(b) Disconnect the F16 and F17 ECU connectors.

(c) Measure the resistance of the wire harness side connectors.

Standard:

LHD models

Tester Connection	Specified Condition
P10–1 (U) – F16–23 (MUP)	Below 1 Ω
P10–3 (A) – F16–2 (AUTO)	Below 1 Ω
P10–4 (E) – F16–30 (PWE)	Below 1 Ω
P10–6 (D) – F16–25 (MDN)	Below 1 Ω
P10–8 (PCT) – F17–25 (WLS1)	Below 1 Ω

RHD models

Tester Connection	Specified Condition
P9–1 (U) – F16–23 (MUP)	Below 1 Ω
P9–3 (A) – F16–2 (AUTO)	Below 1 Ω
P9–4 (E) – F16–30 (PWE)	Below 1 Ω
P9–6 (D) – F16–25 (MDN)	Below 1 Ω
P9–8 (PCT) – F17–25 (WLS1)	Below 1 Ω

NG ⟩	REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

REPLACE PASSENGER DOOR ECU