DTC	B1221	POWER WINDOW SWITCH CIRCUIT ON DRIVER DOOR

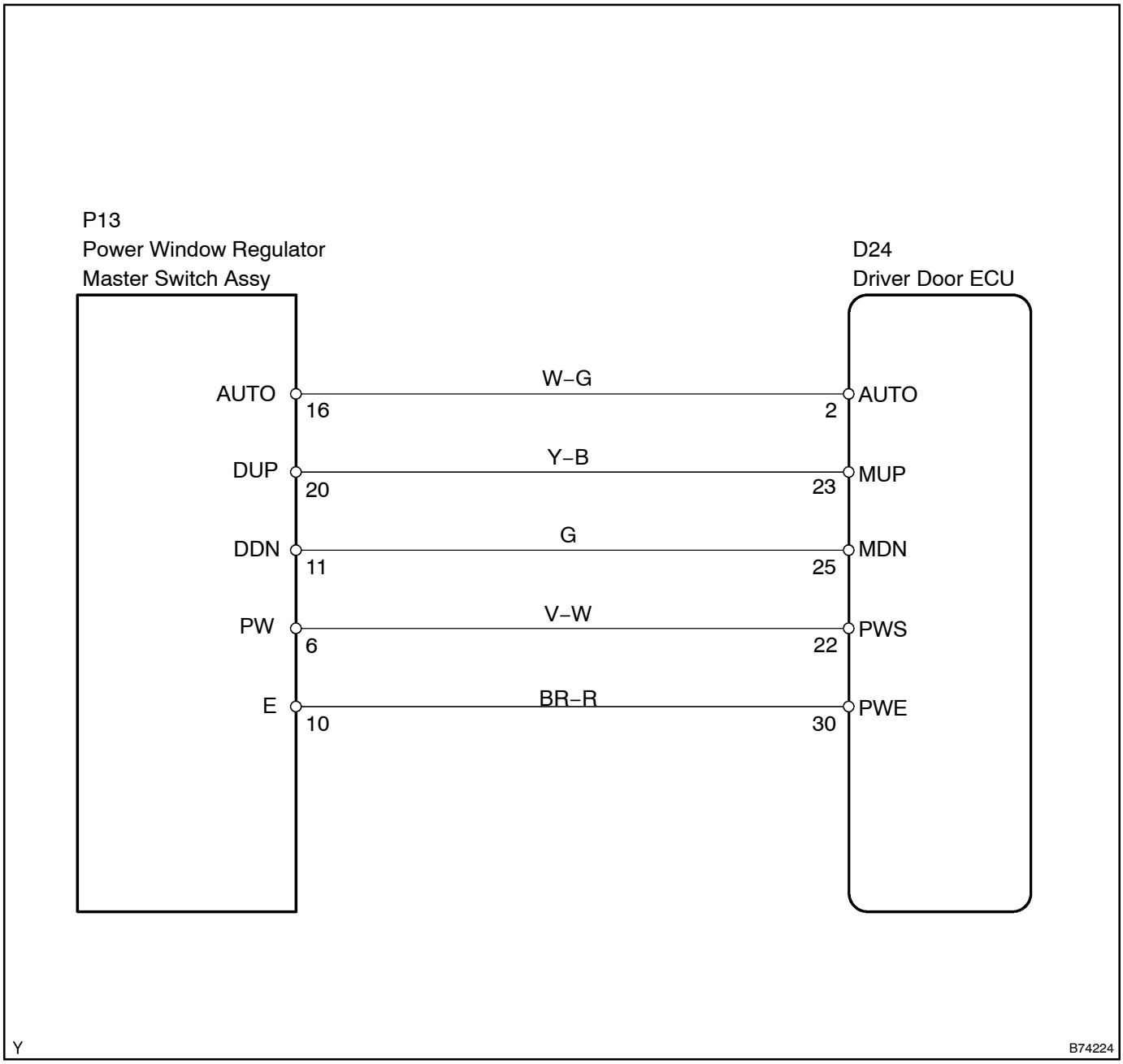
CIRCUIT DESCRIPTION

This DTC is output when any switch of the power window regulator master switch assy 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.

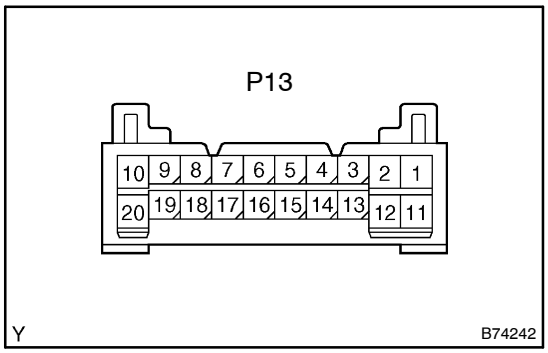
DTC No.	DTC Detection Condition	Trouble Area
B1221	Power window switch or door control switch on power window master switch assy is operating	• Power window regulator master switch assy • Driver door ECU • Wire harness

WIRING DIAGRAM



INSPECTION PROCEDURE

1	INSPECT POWER WINDOW REGULATOR MASTER SWITCH ASSY



(a) Remove the power window master switch.
(b) Disconnect the P13 switch connector.
(c) Measure the resistance between the terminals of the connector when the switch is operated.

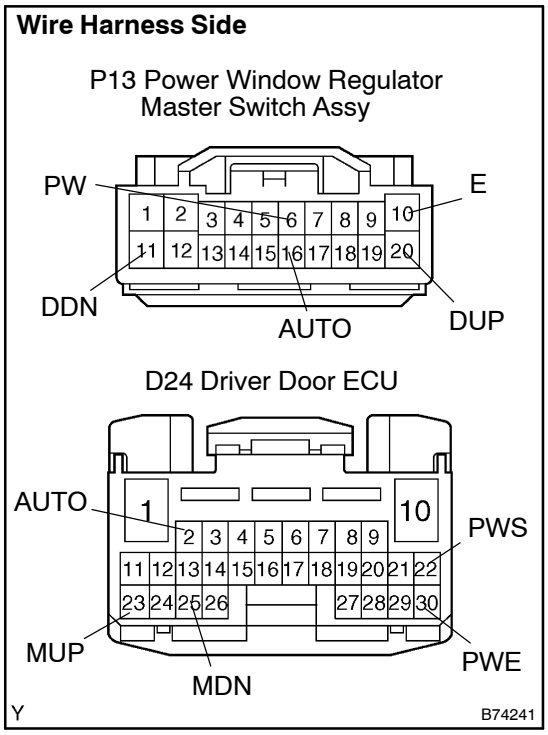
Standard:

Switch Condition	Tester Connection	Specified Condition
AUTO UP	6 – 20 6 – 16	Below 1 Ω
UP	6 – 20	Below 1 Ω
OFF	–	–
DOWN	6 – 11	Below 1 Ω
AUTO DOWN	6 – 11 6 – 16	Below 1 Ω

NG → **REPLACE POWER WINDOW REGULATOR MATER SWITCH ASSY**

OK

2	CHECK WIRE HARNESS (POWER WINDOW REGULATOR MASTER SWITCH ASSY – DRIVER DOOR ECU)



(a) Disconnect the P13 switch connector.
(b) Disconnect the D24 ECU connector.
(c) Measure the resistance of the wire harness side connectors.

Standard:

Tester Connection	Specified Condition
P13–6 (PW) – D24–22 (PWS)	Below 1 Ω
P13–10 (E) – D24–30 (PWE)	Below 1 Ω
P13–16 (AUTO) – D24–2 (AUTO)	Below 1 Ω
P13–20 (DUP) – D24–23 (MUP)	Below 1 Ω
P13–11 (DDN) – D24–25 (MDN)	Below 1 Ω

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

OK

REPLACE DRIVER DOOR ECU