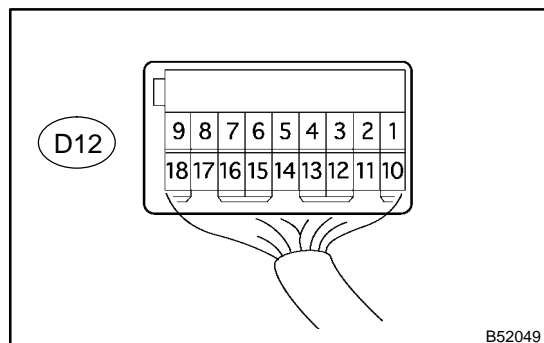


TERMINALS OF ECU

1. CHECK POWER WINDOW REGULATOR MASTER SWITCH ASSY



- (a) Disconnect the D12 master switch connector and check the voltage and continuity of each terminal of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified condition
BW*1, B*2 (D12-7) ⇔ Body ground	L-W ⇔ -	Constant	10 – 14 V
E (D12-1) ⇔ Body ground	W-B ⇔ -	Constant	Continuity
SIG (D12-11) ⇔ Body ground	B-R ⇔ -	Ignition switch turned to ON from OFF	0 V → 10 – 14 V

*1: w/ Jam Protection

*2: w/o Jam Protection

If the result is not as specified, there may be a malfunction on the wire harness side.

- (b) Reconnect the D12 master switch connector, and check the voltage of each terminal of the connector.

Standard:

Symbols (Terminal No.)	Wiring color	Condition	Specified condition
DU (D12-4) ⇔ Body ground	G ⇔ -	Ignition switch ON, driver's side master switch OFF → UP (Manual operation)	0 V → 9 V or more
		Ignition switch ON, driver's side door glass fully closed → Driver's side master switch UP (Automatic operation) → Door glass fully closed	0 V → 9 V or more → 0 V
DD (D12-9) ⇔ Body ground	R ⇔ -	Ignition switch ON, driver's side master switch OFF → DOWN (Manual operation)	0 V → 9 V or more
		Ignition switch ON, driver's side door glass fully closed → Driver's side master switch DOWN (Automatic operation) → Door glass fully opened	0 V → 9 V or more → 0 V

If the result is not as specified, the master switch may be defective.

- (c) Check the illumination.

- When the ignition switch is turned to ON from OFF with the connector connected, check that the illumination (LED) AUTO will light up.