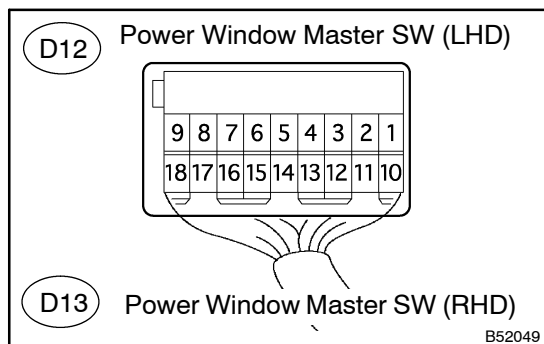


TERMINALS OF ECU

1. CHECK POWER WINDOW REGULATOR MASTER SWITCH ASSY



- (a) Disconnect the D12 (LHD) or D13 (RHD) connector.
- (b) Check the voltage and continuity of each terminal of the disconnected connector.

Standard:

Terminal No.	Wiring color	Condition	Specified condition
7 ⇔ Body ground (Input +B signal)	L-W ⇔ Body ground	Constant	10 – 14 V
1 ⇔ Body ground	W-B ⇔ Body ground	Constant	Continuity
11 ⇔ Body ground (Input IG signal)	B-R ⇔ Body ground	Ignition switch turned to ON from OFF	0 V → 10 – 14 V

If the value is not as specified, the input side of the master switch may be defective.

- (c) Reconnect the connector, and check the voltage of each terminal of the connected connector.

Standard:

Terminal No.	Wiring color	Condition	Specified condition
4 ⇔ Body ground (P/W, UP Output)	G ⇔ Body ground	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
9 ⇔ Body ground (P/W, DOWN Output)	R ⇔ Body ground	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 value is not as specified, the master switch may be defective.

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