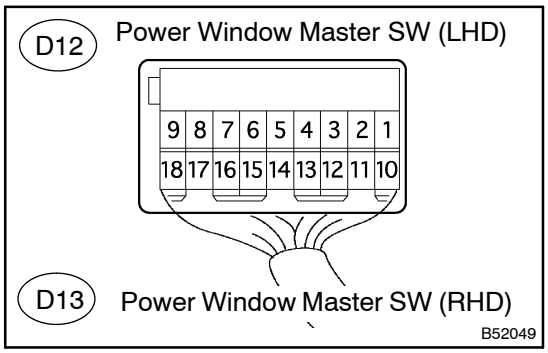
0563M–01

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.