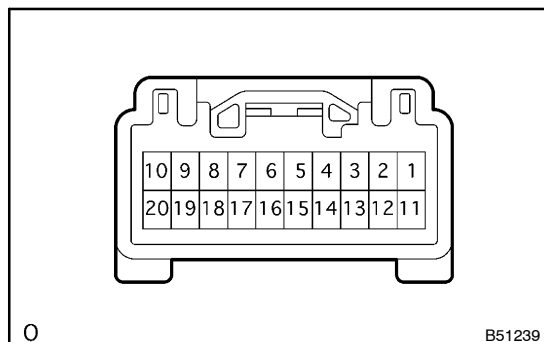


TERMINALS OF ECU



1. POWER WINDOW REGULATOR MASTER SWITCH ASSY (DOOR ECU)

- (a) Inspect the door ECU.
- (1) Disconnect the master switch connector.
 - (2) Inspect the voltage and continuity of each terminal of the vehicle's side connector.

Standard:

Tester connection	Wiring color	Condition	Specified Condition
2 (E) ⇔ Body ground	W-B ⇔ Body ground	Constant	Continuity
10 (B) ⇔ 2 (E)	W-L ⇔ W-B	Constant	10 – 14 V
20 (IG) ⇔ 2 (E)	R-L ⇔ W-B	Ignition switch OFF → ON	0 V → 10 – 14 V
6 (PCT) ⇔ 2 (E)	L-W ⇔ W-B	Constant	10 – 14 V
11 (D) ⇔ 1 (U)	G-R ⇔ R	Constant	Continuity
5 (LMT) ⇔ 13 (SGND)	LG ⇔ G-Y	Driver's side door glass fully closed	No continuity
5 (LMT) ⇔ 13 (SGND)	LG ⇔ G-Y	Driver's side door glass opened by 4 mm	Continuity
17 (DCTY) ⇔ 2 (E)	P ⇔ W-B	Driver's side door close → open	No continuity → continuity

HINT:

If the value is not as specified, there may be a malfunction in the vehicle's side.

- (3) Connect the connector, and inspect the voltage between each terminal of the connector.

Standard:

Tester connection	Wiring color	Condition	Specified Condition
1 (U) ⇔ 2 (E)	R ⇔ W-B	Ignition switch ON, master switch driver's side switch OFF → UP (manual operation)	0 V → 10 – 14 V
1 (U) ⇔ 2 (E)	R ⇔ W-B	Ignition switch ON, driver's side door glass fully opened → master switch driver's side switch UP (auto operation) → door glass fully closed	0 V → 10 – 14 V → 0 V
11 (D) ⇔ 2 (E)	G-R ⇔ W-B	Ignition switch ON, master switch driver's side switch OFF → DOWN (manual operation)	0 V → 10 – 14 V
11 (D) ⇔ 2 (E)	G-R ⇔ W-B	Ignition switch ON, driver's side door glass fully closed → master switch driver's side switch OFF → DOWN (auto operation) → door glass fully opened	0 V → 10 – 14 V → 0 V
6 (PCT) ⇔ 2 (E)	L-R ⇔ W-B	Ignition switch ON, window lock switch LOCK → NORMAL	0 V → 10 – 14 V

HINT:

If the value is not as specified, the door ECU or communication line may be defective.