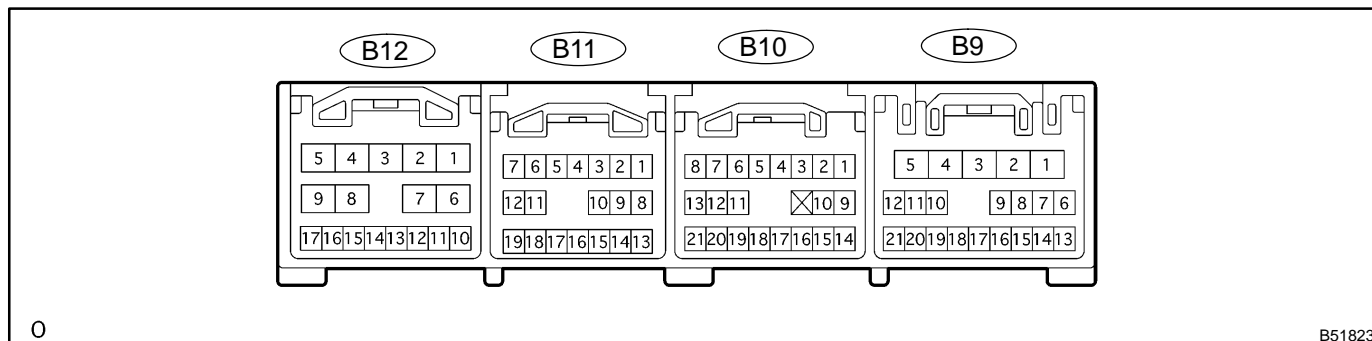


TERMINALS OF ECU

1. MULTIPLEX NETWORK BODY ECU

- (a) Check the body ECU.
- (1) Disconnect the body ECU connectors B9 and B12.
 - (2) Check the voltage or continuity of each terminal of the vehicle's side connectors.

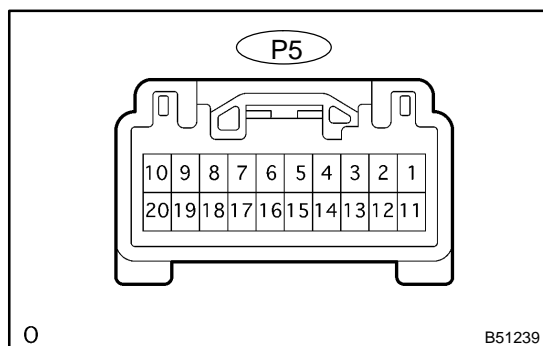


Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
GND1 (B12-7) ⇔ Body ground	W-B ⇔ -	Constant	Continuity
GND2 (B9-2) ⇔ Body ground	W-B ⇔ -	Constant	Continuity
BECU (B12-9) ⇔ GND1 (B12-7)	G ⇔ W-B	Constant	10 - 14 V
BDR1 (B12-4) ⇔ GND1 (B12-7)	B ⇔ W-B	Constant	10 - 14 V

HINT:

If the value is not as specified, the vehicle's side may be defective.



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

- (a) Check the master switch.
- (1) Disconnect the master switch connector.
 - (2) Check the voltage or continuity of each terminal of the vehicle's side connector.

Standard:

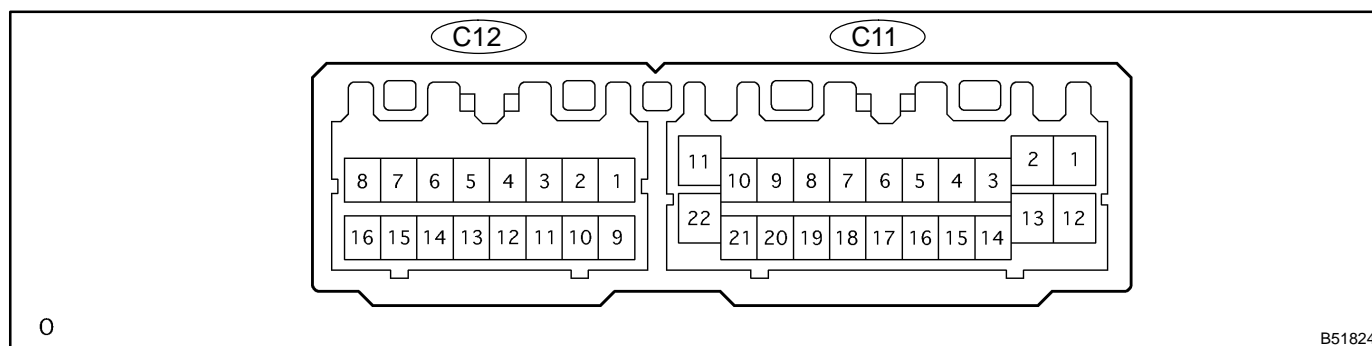
Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
GND (P5-2) ⇔ Body ground	W-B ⇔ -	Constant	Continuity
CPUB (P5-9) ⇔ GND (P5-2)	L ⇔ W-B	Constant	10 - 14 V
BDR (P5-10) ⇔ GND (P5-2)	G ⇔ W-B	Constant	10 - 14 V

HINT:

If the value is not as specified, the vehicle's side may be defective.

3. COMBINATION METER ASSY (METER ECU)

- (a) Check the meter.
- (1) Disconnect the meter connector C11.
 - (2) Check the voltage or continuity of each terminal of the vehicle's side connector.



Standard:

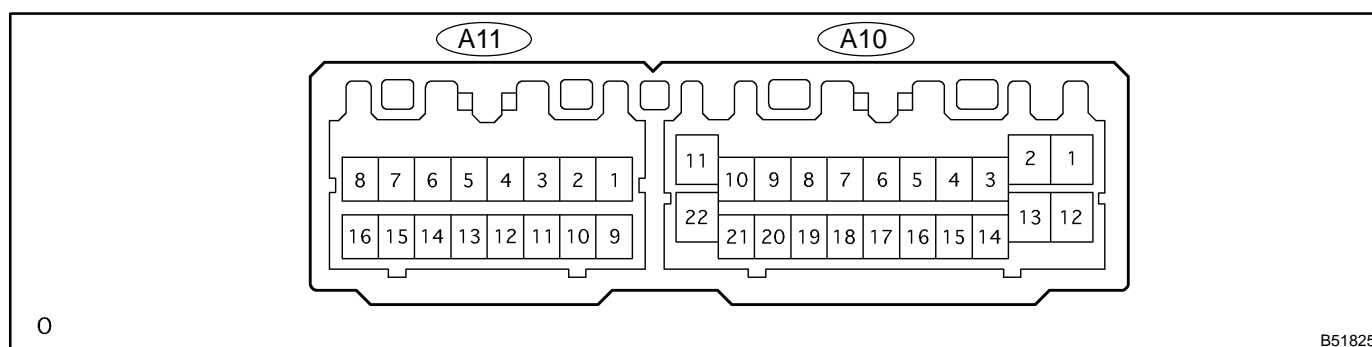
Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
E2 (C11-22) ⇔ Body ground	W-B ⇔ -	Constant	Continuity
B (C11-2) ⇔ E2 (C11-22)	LG ⇔ W-B	Constant	10 - 14 V
B2 (C11-12) ⇔ E2 (C11-22)	V ⇔ W-B	Constant	10 - 14 V

HINT:

If the value is not as specified, the vehicle's side may be defective.

4. AIR CONDITIONER AMPLIFIER ASSY (A/C ECU)

- (a) Check the air conditioner amplifier.
- (1) Disconnect the air conditioner amplifier connector A10.
 - (2) Check the voltage or continuity of each terminal of the vehicle's side connector.



Standard:

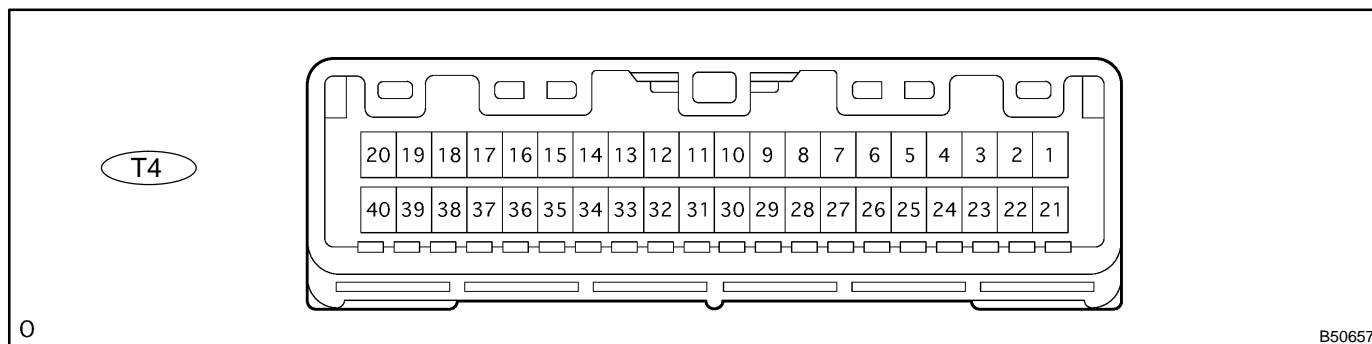
Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
GND (A10-11) ⇔ Body ground	W-B ⇔ -	Constant	Continuity
+B (A10-12) ⇔ GND (A10-11)	W ⇔ W-B	Constant	10 - 14 V

HINT:

If the value is not as specified, the vehicle's side may be defective.

5. THEFT WARNING ECU ASSY (THEFT DETERRENT ECU)

- (a) Check the theft warning ECU.
- (1) Disconnect the connector.
 - (2) Check the voltage or continuity of each terminal of the vehicle's side connector.



Standard:

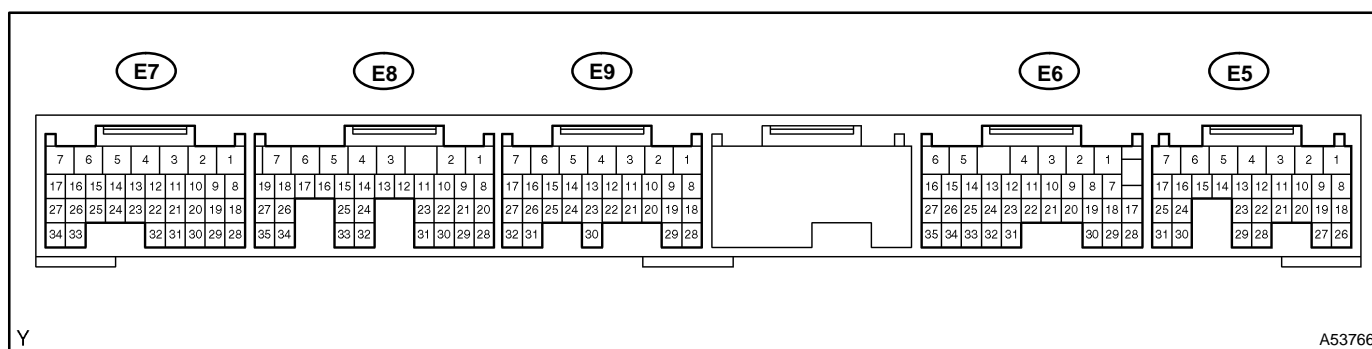
Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
E (T4-29) ⇔ Body ground	W-B ⇔ -	Constant	Continuity
+B1 (T4-2) ⇔ E (T4-29)	O ⇔ W-B	Constant	10 - 14 V
+B2 (T4-3) ⇔ E (T4-29)	L ⇔ W-B	Constant	10 - 14 V

6. ECM

- (a) Inspect the ECM operation.
- (1) Check the voltage or continuity of each terminal of the vehicle's side connectors.

NOTICE:

- The inspection should be started from the back side of the connector with the ECM connector being connected.
- Before the measurement, check the power source voltage (10 - 14 V when IG ON) and body ground (5 Ω or less between each ground terminal and the engine body, when IG OFF).



Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
BATT (E5-3) ⇔ E1 (E9-1(*1))	BR ⇔ BR	Constant	9 - 14 V
+B (E5-1) ⇔ E1 (E7-1(*2))	W ⇔ BR	Engine stopped, ignition switch ON	9 - 14 V
+B2 (E5-2) ⇔ E1 (E9-1(*1), E7-1(*2))	W ⇔ BR	Engine stopped, ignition switch ON	9 - 14 V
E1 (E9-1)*1 ⇔ Body ground E7 (E7-1)*2 ⇔ Body ground	BR ⇔ -	Continuity	Constant

*1:2AZ-FE

*2:3MZ-FE



Standard:

Symbols (Terminal No.)	Wiring Color	Condition	Specified Condition
E (S20-7) ⇔ Body ground	W-B ⇔ -	Constant	Continuity
B (S20-1) ⇔ E (S20-7)	L ⇔ W-B	Constant	10 - 14 V