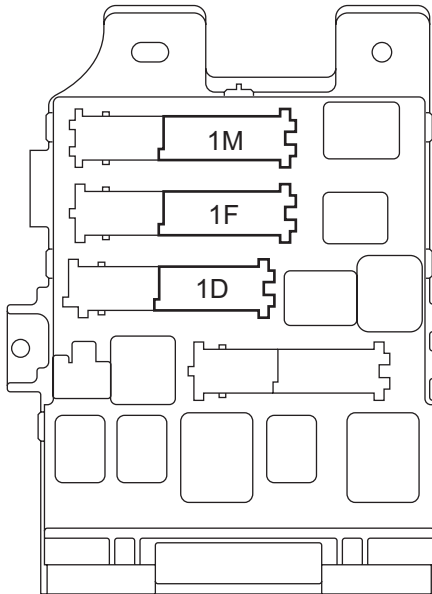


# TERMINALS OF ECU

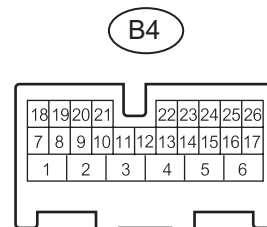
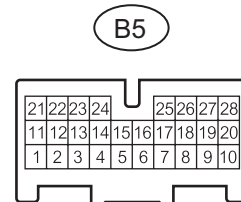
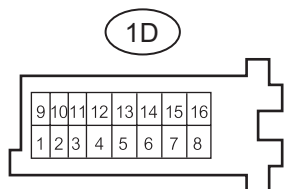
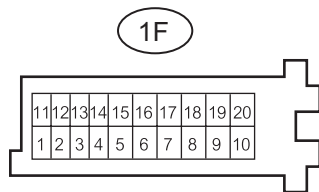
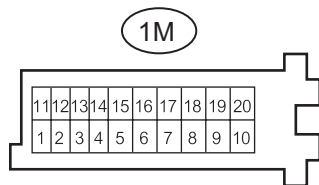
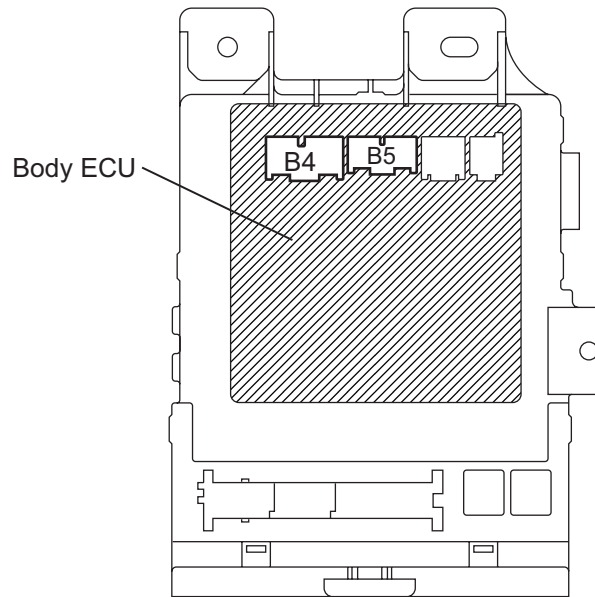
## 1. CHECK INSTRUMENT PANEL J/B ASSY (BODY ECU)

(a) Disconnect the 1D, 1F, 1M and B5 connectors.

Vehicle Rear Side:



Vehicle Front Side:



- (b) Measure the voltage and resistance according to the value(s) in the table below.

### Standard voltage and resistance

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
BECU (1D-10) - Body ground	W - Body ground	+B (BECU) power supply	Constant	10 to 14 V
GND1 (1F-10) - Body ground	W-B - Body ground	Ground	Constant	Below 1 $\Omega$
GND2 (1M-9) - Body ground	W-B - Body ground	Ground	Constant	Below 1 $\Omega$
BDSU (B5-3) - Body ground	W - Body ground	Back door opener switch (outside handle switch) input	Back door opener switch OFF → ON	10 k $\Omega$ or higher → Below 1 $\Omega$

#### HINT:

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

- (c) Reconnect the J/B and ECU connectors and measure the voltage according to the value(s) in the table below.

### Standard voltage

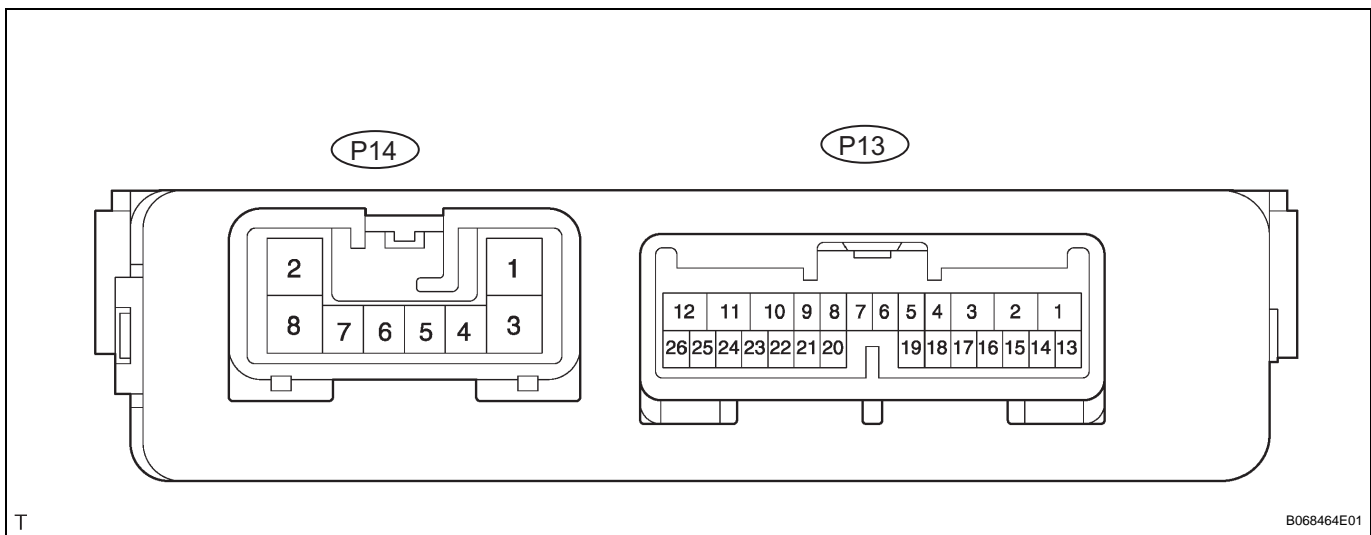
Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
TR+ (B4-1)* - Body ground	BR - Body ground	Back door lock motor drive output	Back door opener switch (outside handle switch) OFF → ON	Below 1 V → 10 to 14 V → Below 1 V

#### HINT:

- \*: w/o Power Back Door
- If the result is not as specified, the J/B (body ECU) may have a malfunction.

## 2. CHECK POWER BACK DOOR ECU (w/ Power back door system)

- (a) Disconnect the P13 and P14 ECU connectors.



- (b) Measure the voltage and resistance according to the value(s) in the table below.

### Standard voltage and resistance

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
ECUB (P13-10) - Body ground	BR - Body ground	ECU (ECUB) power supply	Constant	10 to 14 V
B (P14-2) - Body ground	Y - Body ground	+B (ECUB) power supply	Constant	10 to 14 V
GND (P14-8) - Body ground	W-B - Body ground	Ground	Constant	Below 1 $\Omega$

#### HINT:

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

- (c) Reconnect the ECU connectors and measure the voltage according to the value(s) in the table below.

### Standard voltage

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
DC+ (P13-12) - Body ground	G - Body ground	Back door lock motor drive output (Close)	Back door OPEN → Not completely closed → Motor in normal rotation → Motor in reverse rotation → Operation completed (Back door CLOSED)	Below 1 V → Below 1 V → 10 to 14 V → Below 1 V → Below 1 V →
DC- (P13-11) - Body ground	B - Body ground	Back door lock motor drive output (Release)	Back door OPEN → Not completely closed → Motor in normal rotation → Motor in reverse rotation → Operation completed (Back door CLOSED)	Below 1 V → Below 1 V → Below 1 V → 10 to 14 V → Below 1 V →

#### HINT:

If the result is not as specified, the ECU may have a malfunction.