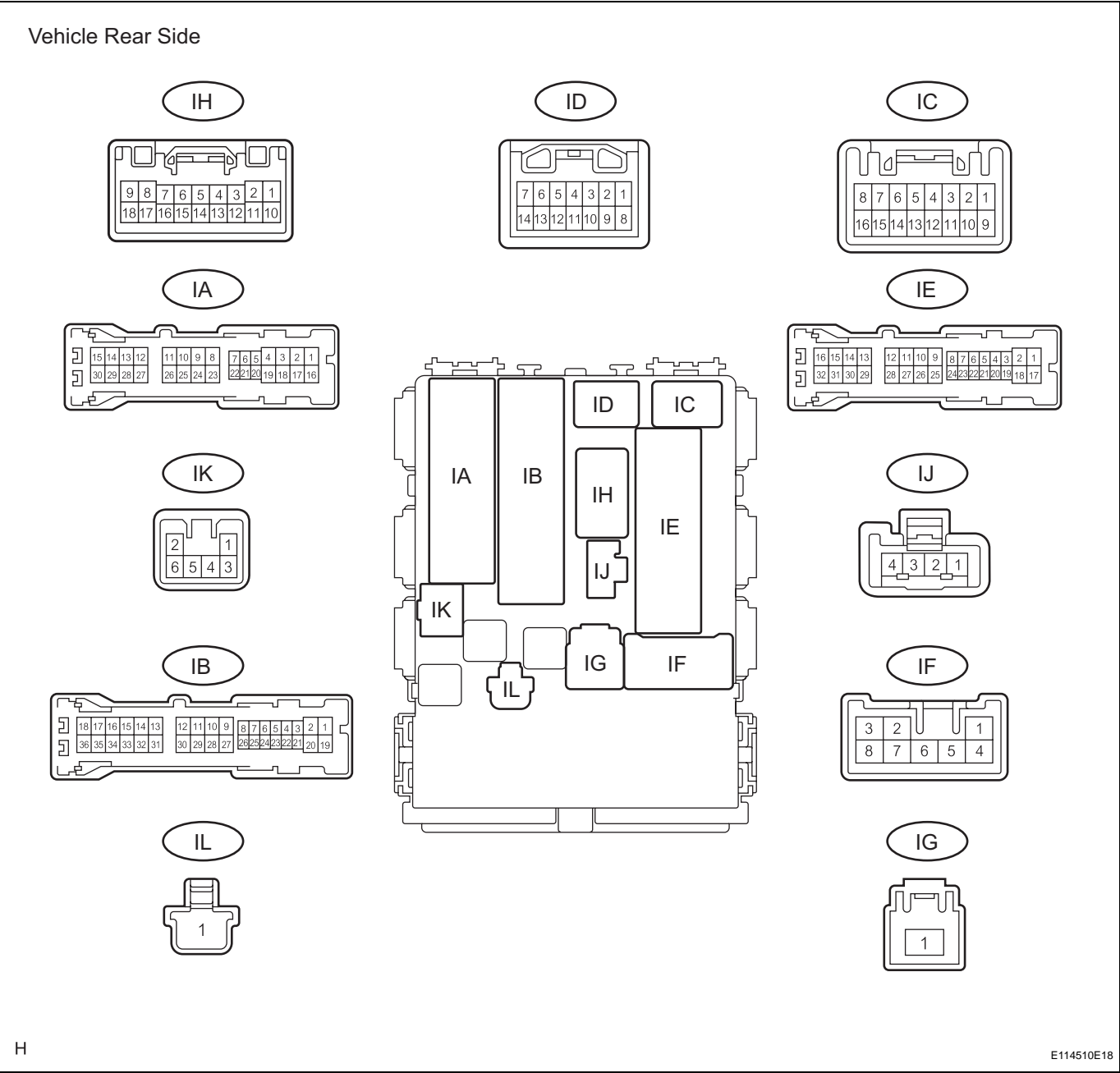
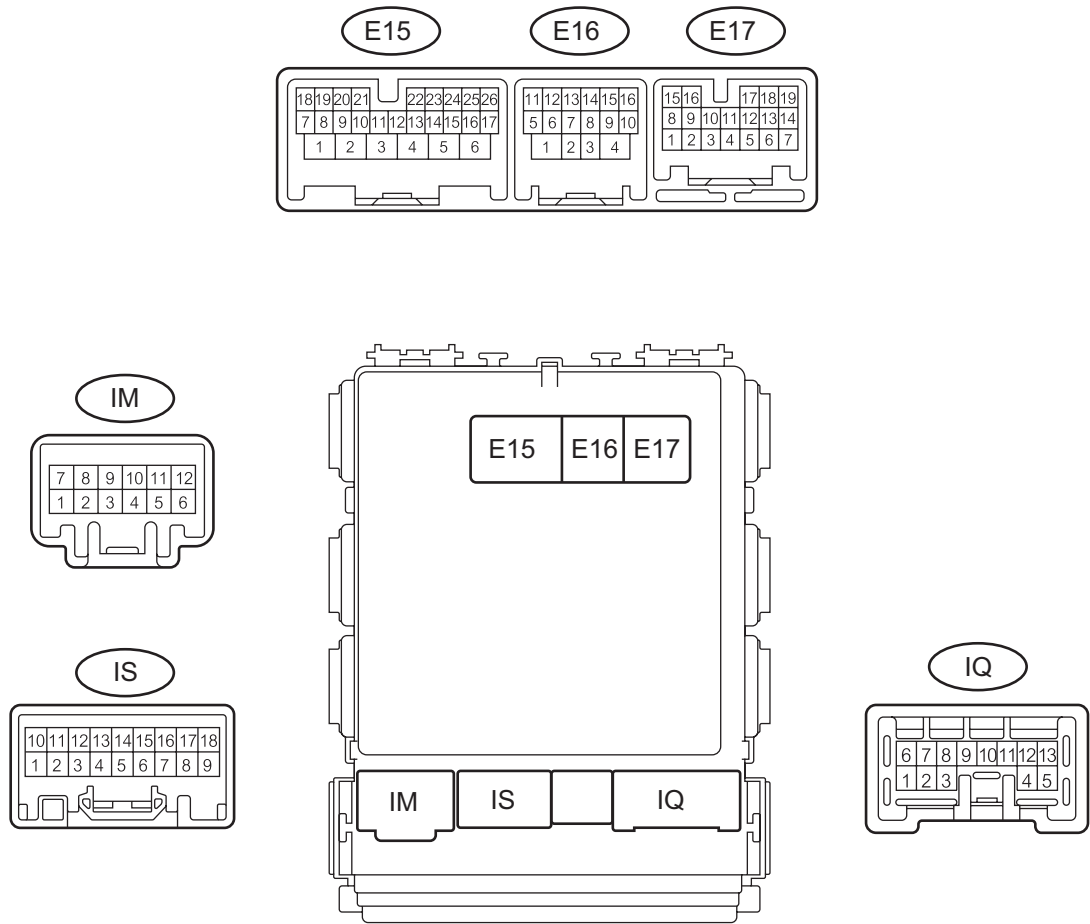


TERMINALS OF ECU

1. CHECK INSTRUMENT PANEL JUNCTION BLOCK (MAIN BODY ECU)



Vehicle Front Side



H

B108612E11

- (a) Disconnect the IB and IE junction block connectors.
- (b) Measure the resistance and voltage of the wire harness side connectors.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
GND1 (IE-17) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
BECU (IB-30) - GND1 (IE-17)	R - W-B	Battery (power supply)	Always	10 to 14 V

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

- (c) Reconnect the IB and IE junction block connectors.

(d) Measure the voltage of the wire harness side connectors.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
KSW (IE-26) - GND1 (IE-17)	L - W-B	Key unlock warning switch input	Key inserted	10 to 14 V
			No key in ignition key cylinder	Below 1 V
DCTY (IA-21) - Body ground	W - Body ground	Driver side door courtesy switch input	Driver side door closed	10 to 14 V
			Driver side door open	Below 1 V
PCTY (IC-14) - Body ground	BR - Body ground	Passenger side door courtesy switch input	Passenger side door closed	10 to 14 V
			Passenger side door open	Below 1 V
RRCY (ID-7) - Body ground	LG - Body ground	Rear RH door courtesy switch input	Rear RH door closed	10 to 14 V
			Rear RH door open	Below 1 V
LCTY (E15-8) - Body ground	SB - Body ground	Rear LH door courtesy switch input	Rear LH door closed	10 to 14 V
			Rear LH door open	Below 1 V
BCTY (IA-7) - Body ground	LG - Body ground	Back door courtesy switch input	Back side door closed	10 to 14 V
			Back side door open	Below 1 V
L1 (IH-4) - Body ground	P - Body ground	Door lock motor LOCK drive output	Master switch (door control switch) OFF	Below 1 V
			Master switch (door control switch) ON (LOCK)	10 to 14 V → Below 1 V
UL1 (IH-5) - Body ground	B - Body ground	Door lock motor UNLOCK drive output	Master switch (door control switch) OFF	Below 1 V
			Master switch (door control switch) ON (UNLOCK)	10 to 14 V → Below 1 V
ACTD (E15-5) - Body ground	B - Body ground	Door lock motor UNLOCK drive output	Master switch (door control switch) or driver side door key cylinder OFF	Below 1 V
			Master switch (door control switch) or driver side door key cylinder ON (UNLOCK)	10 to 14 V → Below 1 V
ACT+ (IH-8) - Body ground	R - Body ground	Door lock motor LOCK drive output	Master switch (door control switch) or driver side door key cylinder OFF	Below 1 V
			Master switch (door control switch) or driver side door key cylinder ON (LOCK)	10 to 14 V → Below 1 V
ACT- (IH-18) - Body ground	B - Body ground	Door lock motor UNLOCK drive output	Master switch (door control switch) or driver side door key cylinder OFF	Below 1 V
			Master switch (door control switch) or driver side door key cylinder ON (UNLOCK)	10 to 14 V → Below 1 V
LSWD (E15-25) - Body ground	Y - Body ground	Driver side door lock position switch input	Driver side door UNLOCK	Below 1 V
			Driver side door LOCK	10 to 14 V
LSPW (E15-10) - Body ground	Y - Body ground	Passenger side door lock position switch input	Passenger side door UNLOCK	Below 1 V
			Passenger side door LOCK	10 to 14 V
UL3 (E15-9) - Body ground	LG - Body ground	Door lock motor UNLOCK drive output	Driver side door key cylinder OFF	Below 1 V
			Driver side door key cylinder ON (UNLOCK)	10 to 14 V → Below 1 V

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
L2 (IH-7) - Body ground	SB - Body ground	Door lock motor LOCK drive output	Master switch or driver side door key cylinder OFF	Below 1 V
			Master switch or driver side door key cylinder ON (LOCK)	10 to 14 V → Below 1 V
PRG (E17-6) - Body ground	Y - Body ground	Door control receiver output	Transmitter switch ON → OFF (No key in ignition key cylinder, all doors closed)	6 to 7 V → Below 1 V → 6 to 7 V
RDA (E17-5) - Body ground	G - Body ground	Door control receiver input	Transmitter switch ON → OFF (No key in ignition key cylinder, all doors closed)	Below 1 V → 6 to 7 V → Below 1 V
HAZ (IS-17) - Body ground	GR- Body ground	Hazard warning light signal	Answer-back ON	Pulse generation
			Answer-back OFF	Below 1 V
BZR (E17-2) - Body ground	L- Body ground	Wireless door lock buzzer signal	Answer-back ON	Pulse generation
			Answer-back OFF	Below 1 V

If the result is not as specified, the junction block (ECU) may have a malfunction.