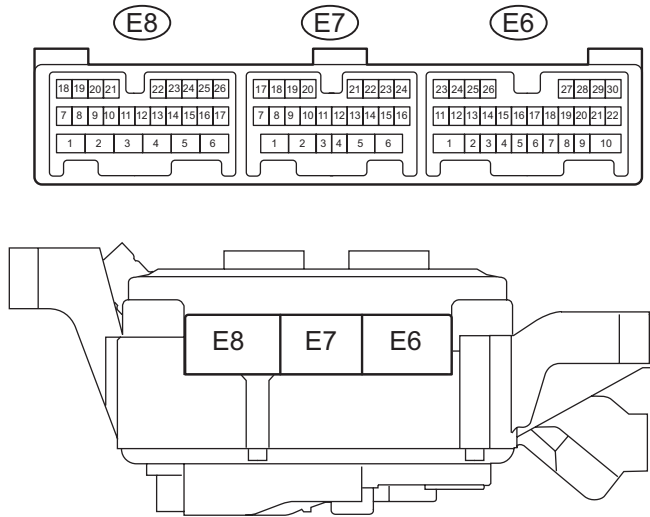


TERMINALS OF ECU

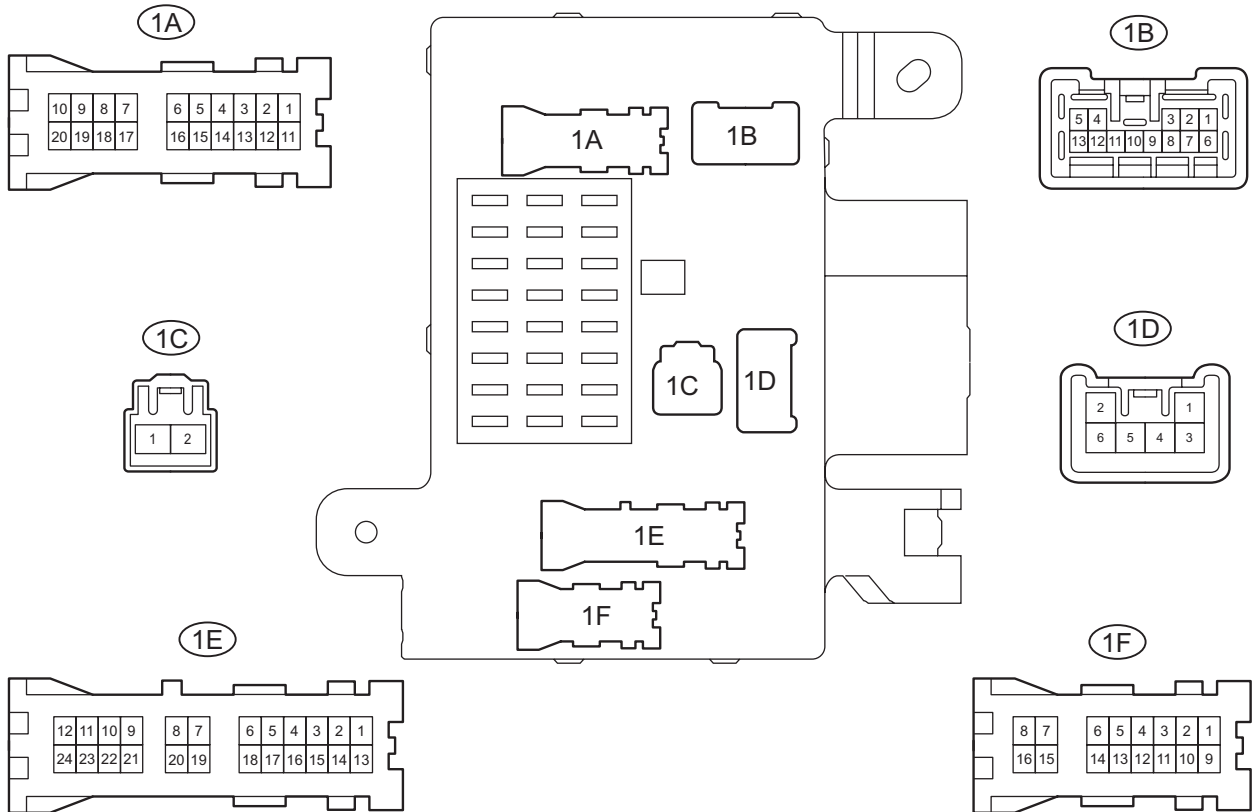
1. CHECK MAIN BODY ECU

Main Body ECU:

Left View:

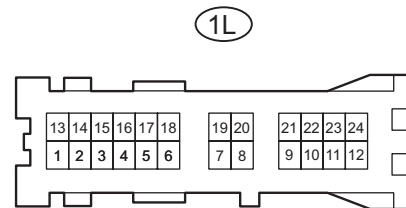
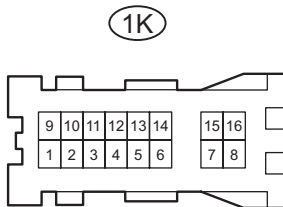
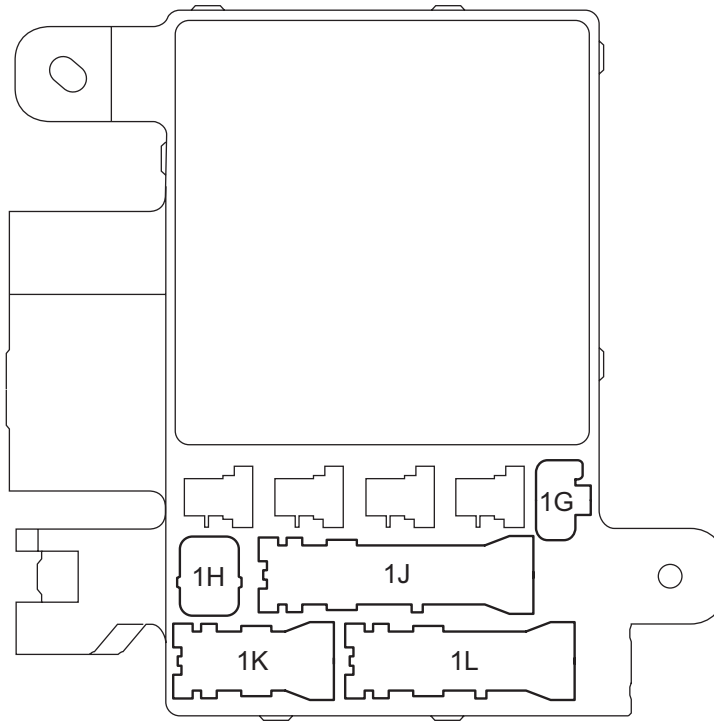
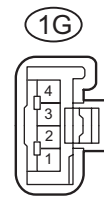
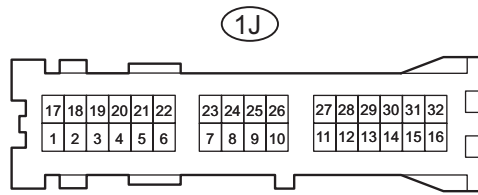
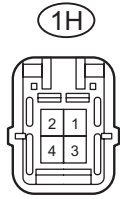


Rear View:



Main Body ECU:

Front View:



DL

Y

B136052E01

(a) Disconnect the main body ECU connectors.

- (b) Measure the voltages of the wire harness side connectors.

Standard voltage:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
GND1 (1H-2) - Body ground	W-B - Body ground	Ground	Always	Below 1V
BECU (1B-4) - Body ground	W-R - Body ground	Power source circuit (From battery)	Always	11 to 14 V
BDR1 (1E-9) - Body ground	B-Y - Body ground	Power source circuit (From battery)	Always	11 to 14 V
GND2 (1H-2) - Body ground	W-B - Body ground	Ground	Always	Below 1V

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

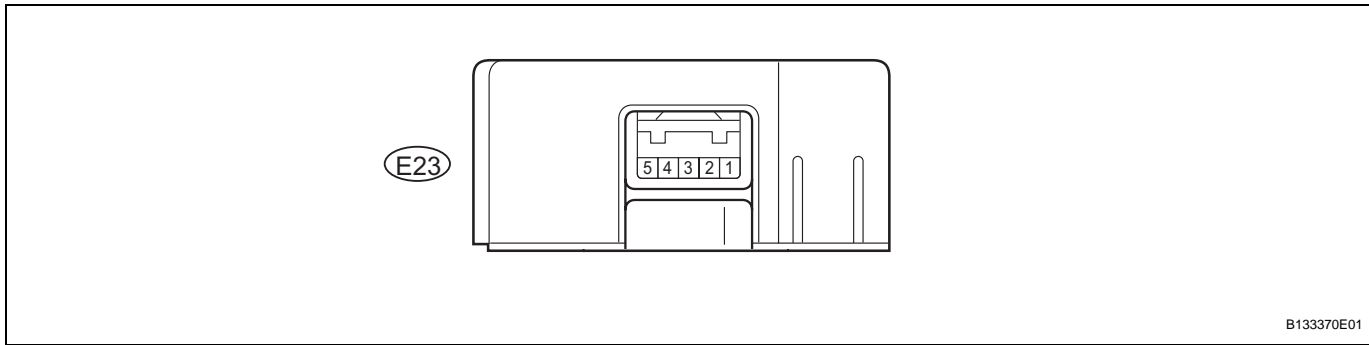
- (c) Reconnect the main body ECU connectors.
 (d) Measure the voltage of the wire harness side connectors.

Standard voltage:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
KSW (E8-14) - Body ground	G-Y - Body ground	Key unlock warning switch input	Key inserted → Key removed from ignition key cylinder	Below 1 V → 11 to 14 V
BCTY (E7-7) - Body ground	W - Body ground	Back door courtesy switch and back window courtesy switch input	Back door or back window is open	Below 1V
			Back door and back window are closed	11 to 14 V
RLCY (E7-11) - Body ground	P-B - Body ground	Rear LH door courtesy switch input	Rear LH door open	Below 1V
			Rear LH door closed	11 to 14 V
RRCY (E7-12) - Body ground	P-L - Body ground	Rear RH door courtesy switch input	Rear RH door open	Below 1V
			Rear RH door closed	11 to 14 V
DCTY (E7-23) - Body ground	R-B - Body ground	Driver door courtesy switch input	Driver door open	Below 1V
			Driver door closed	11 to 14 V
PCTY (E7-24) - Body ground	G-Y - Body ground	Front passenger door courtesy switch input	Front passenger door open	Below 1V
			Front passenger door closed	11 to 14 V
PRG (E7-3) - Body ground	G-O - Body ground	Door control receiver output	Transmitter switch ON → OFF (No key in ignition key cylinder, all doors closed)	11 to 14 V → Pulse generation → 11 to 14 V
RDA (E7-4) - Body ground	L-R - Body ground	Door control receiver input	Transmitter switch ON → OFF (No key in ignition key cylinder, all doors closed)	Below 1V → Pulse generation → Below 1V
HAZ (1J-14) - Body ground	W - Body ground	Hazard warning light signal	Answer-back OFF → ON	Pulse generation
BZR (1B-10) - BZR2 (1B-6)	P-B - Y-B	Wireless door lock buzzer signal	Wireless door lock buzzer OFF → ON	Pulse generation

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

2. CHECK DOOR CONTROL RECEIVER



- (a) Disconnect the door control receiver connector.
- (b) Measure the voltage and resistance of the wire harness side connector.

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
+B (E23-5) - GND (E23-1)	R - W-B	Battery (power supply)	Always	11 to 14 V
GND (E23-1) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω

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

- (c) Reconnect the door control receiver connector.
- (d) Measure the voltage of the wire harness side connector.

DL**Standard voltage:**

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
PRG (E23-3) - Body ground	G-O - Body ground	Door control receiver output	Transmitter switch ON → OFF (No key in ignition key cylinder, all doors closed)	11 to 14 V → Pulse generation → 11 to 14 V
RDA (E23-2) - Body ground	L-R - Body ground	Door control receiver input	Transmitter switch ON → OFF (No key in ignition key cylinder, all doors closed)	Below 1V → Pulse generation → Below 1V

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