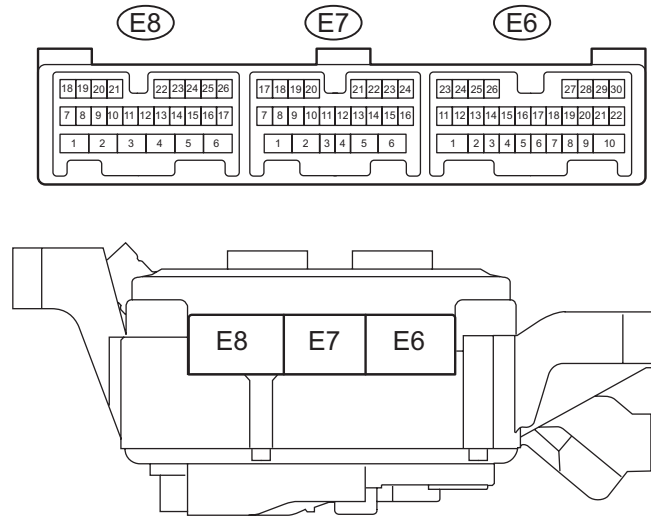


TERMINALS OF ECU

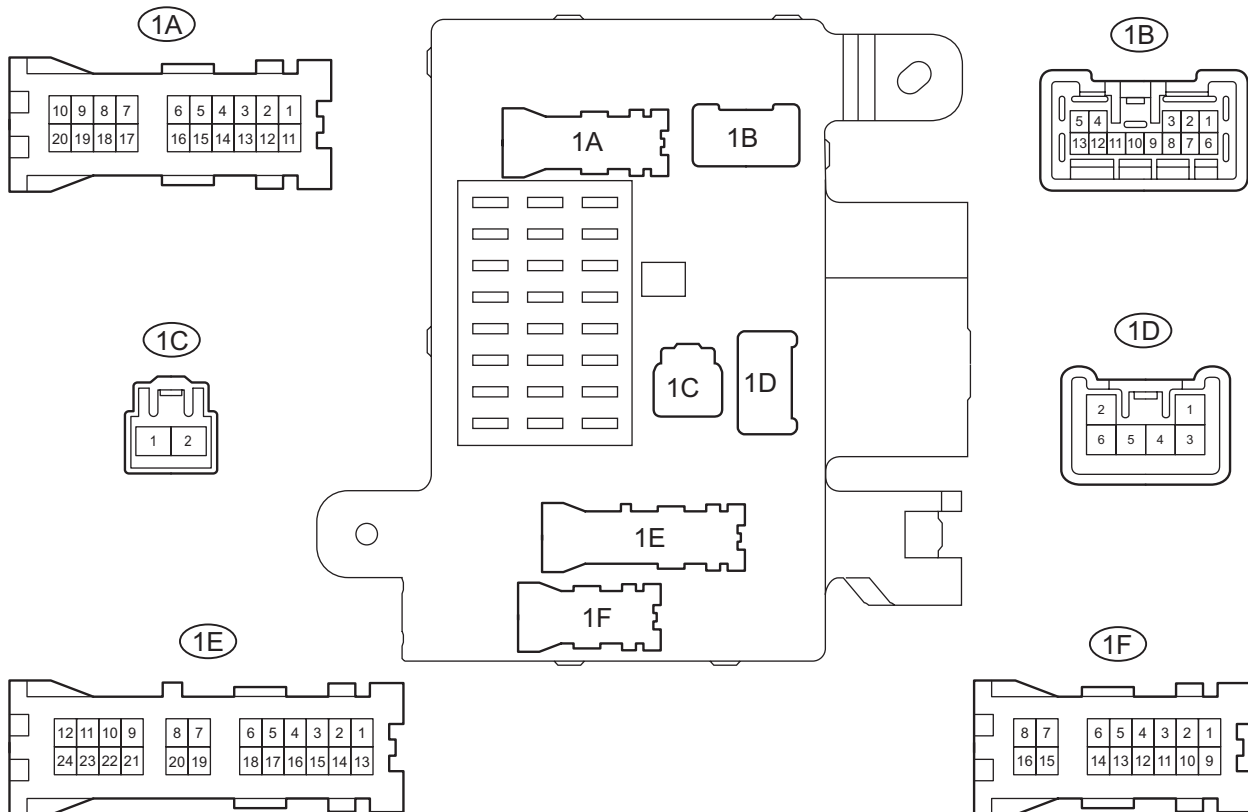
1. CHECK MAIN BODY ECU

Main Body ECU:

Left View:



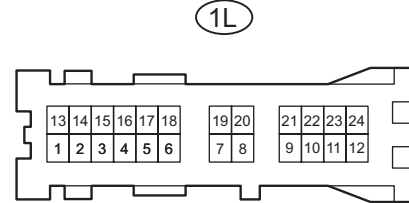
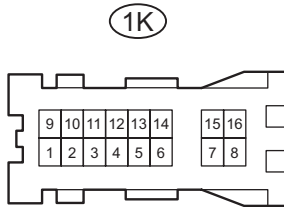
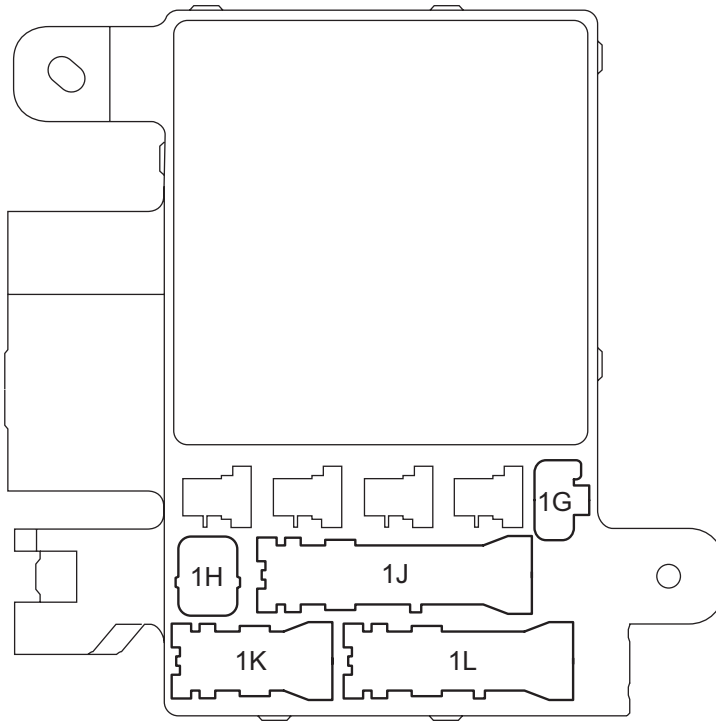
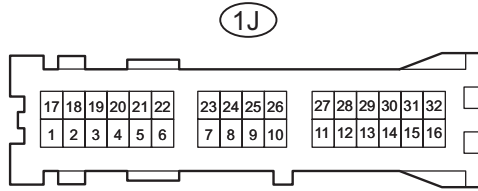
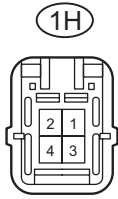
Rear View:



DL

Main Body ECU:

Front View:



Y

B136052E01

(a) Disconnect the 1A, 1B, 1E, and 1H main body ECU connectors.

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

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
GND1 (1H-2) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
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 (1A-7) - Body ground	W - 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 main body ECU connectors.
 (d) Measure the voltages of the wire harness side connectors.

Standard voltage:

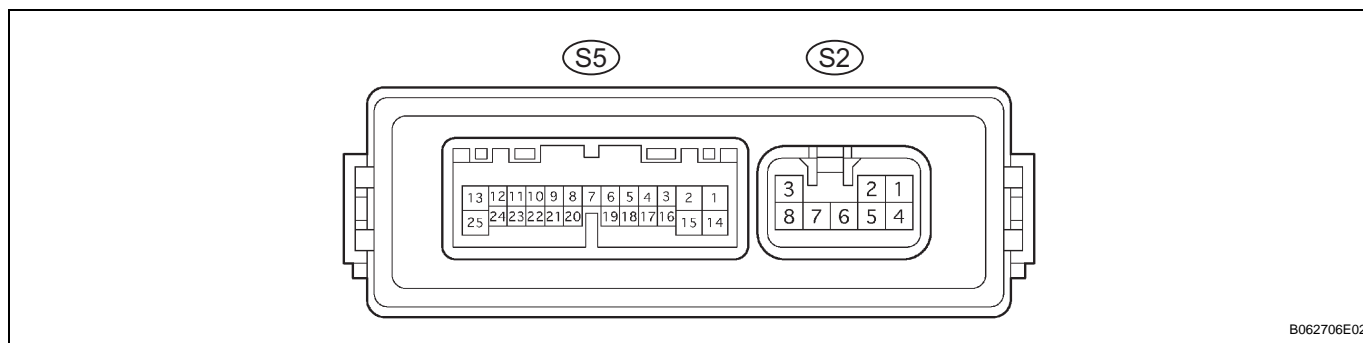
Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
SIG (1F-8) - Body ground	B-R - Body ground	Ignition switch signal	Ignition switch is OFF	Below 1V
			Ignition switch is ON	11 to 14 V
ACT+ (1L-9) - Body ground	L-R - Body ground	Driver side door lock motor LOCK drive output	Door control switch or Door key cylinder OFF	Below 1V
			Door control switch or driver side door key cylinder ON (LOCK)	11 to 14 V → Below 1 V
ACT+ (1L-6) - Body ground	L-R - Body ground	Passenger side door lock motor LOCK drive output	Door control switch or Door key cylinder OFF	Below 1V
			Door control switch or driver side door key cylinder ON (LOCK)	11 to 14 V → Below 1 V
ACT+ (1F-14) - Body ground	L-R - Body ground	Back door lock motor LOCK drive output	Door control switch or Door key cylinder OFF	Below 1V
			Door control switch or driver side door key cylinder ON (LOCK)	11 to 14 V → Below 1 V
ACTD (E6-10) - Body ground	L-B - Body ground	Driver side door lock motor UNLOCK drive output	Door control switch or Door key cylinder OFF	Below 1V
			Door control switch or driver side door key cylinder ON (UNLOCK)	11 to 14 V → Below 1 V
ACT- (1L-18) - Body ground	L-B - Body ground	Passenger side door lock motor UNLOCK drive output	Door control switch or Door key cylinder OFF	Below 1V
			Door control switch or driver side door key cylinder ON (UNLOCK)	11 to 14 V → Below 1 V
ACT- (1F-6) - Body ground	L-B - Body ground	Back door lock motor UNLOCK drive output	Door control switch or Door key cylinder OFF	Below 1V
			Door control switch or driver side door key cylinder ON (UNLOCK)	11 to 14 V → Below 1 V
LSWD (E6-21) - Body ground	W-R - Body ground	Driver side door unlock detection switch input	Driver side door unlocked	Below 1V
			Driver side door locked	10 to 14 V
LSWP (E6-30) - Body ground	B-W - Body ground	Passenger side door unlock detection switch input	Passenger side door unlocked	Below 1V
			Passenger side door locked	10 to 14 V

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
LSR (1F-4) - Body ground	B - Body ground	Back door unlock detection switch input	Back door unlocked	Below 1V
			Back door locked	10 to 14 V
L2 (1K-3) - Body ground	L - Body ground	Driver side and passenger side door key-linked operated door lock switch input	Driver side and passenger side door key cylinder OFF	10 to 14 V
			Driver side or passenger side door key cylinder ON (LOCK)	Below 1 V
UL3 (E6-12) - Body ground	P - Body ground	Driver side door key-linked operated door unlock switch input	Driver side door key cylinder OFF	10 to 14 V
			Driver side door key cylinder ON (UNLOCK)	Below 1 V
UL2 (E6-22) - Body ground	Y-G - Body ground	Passenger side door key-linked operated door unlock switch input	Passenger side door key cylinder OFF	10 to 14 V
			Passenger side door key cylinder ON (UNLOCK)	Below 1 V
BCTY (E7-7) - Body ground	W - Body ground	Back door courtesy switch and back window courtesy switch input	Back door or back window open	Below 1V
			Back door and back window closed	10 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	10 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	10 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	10 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	10 to 14 V
KSW (E8-14) - Body ground	G-Y - Body ground	Key unlock warning switch input	Key inserted in ignition key cylinder	Below 1V
			Key removed from ignition key cylinder	10 to 14 V
MPX2 (E6-23) - Body ground	BR-R - Body ground	Multiplex communication signal	During communication	Signal waveform

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

2. CHECK BACK DOOR ECU



B062706E02

(a) Disconnect the S2 back door ECU connector.

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

Standard:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
BECU (S2-5) - Body ground	W-R - Body ground	Power source circuit (From battery)	Always	11 to 14 V
GND (S2-3) - 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 back door ECU connector.
 (d) Measure the voltages of the wire harness side connectors.

Standard voltage:

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
SIG (S2-6) Body ground	B-R - Body ground	Ignition switch signal	Ignition switch OFF	Below 1V
			Ignition switch ON	11 to 14 V
L (S5-5) - Body ground	L - Body ground	Back door key-linked operated door lock switch input	Back door key cylinder OFF	11 to 14 V
			Back door key cylinder ON (LOCK)	Below 1 V
UL (S5-4) - Body ground	R - Body ground	Back door key-linked operated door unlock switch input	Driver side door key cylinder OFF	11 to 14 V
			Driver side door key cylinder ON (UNLOCK)	Below 1 V
MPX2 (S2-1) - Body ground	BR-R - Body ground	Multiplex communication signal	During communication	Signal waveform

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