

## PROBLEM SYMPTOMS TABLE

### HINT:

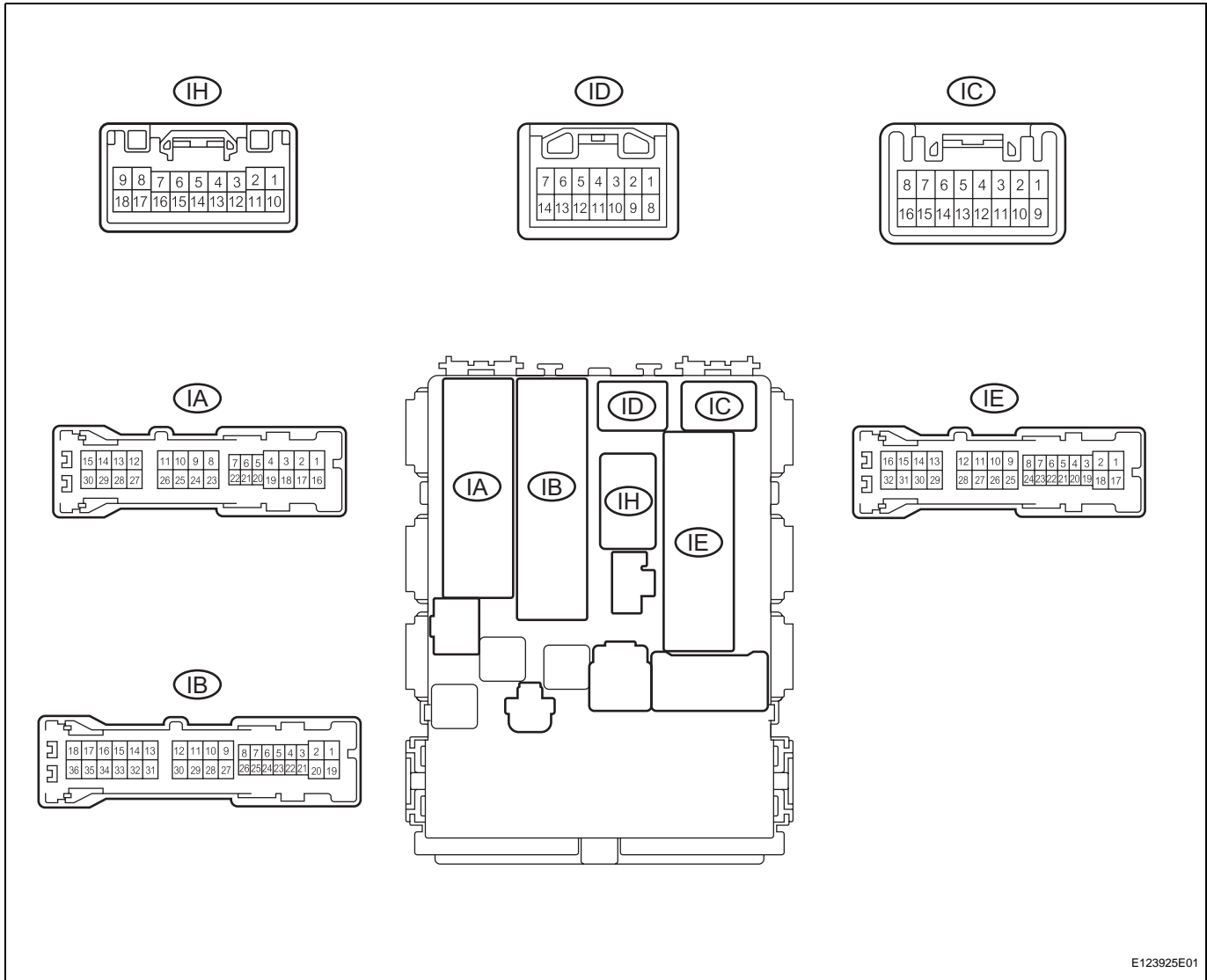
Use the table below to help determine the cause of the problem symptom. The potential causes of the symptoms are listed in order of probability in the "Suspected Area" column of the table. Check each symptom by checking the suspected areas in the order they are listed. Replace parts as necessary.

### Power door lock control system

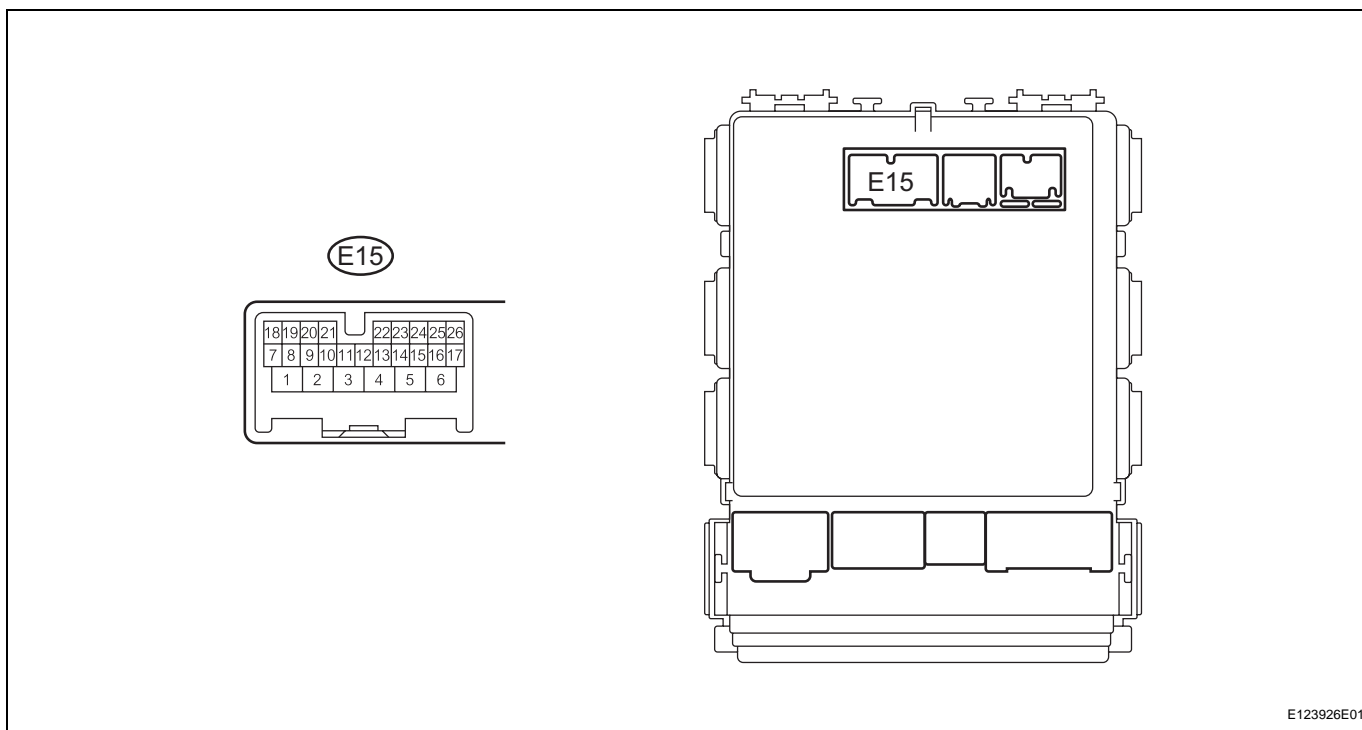
Symptom	Suspected area	See page
All Doors cannot be Locked / Unlocked Simultaneously	1. Front door lock LH	DL-14
	2. Door control switch on power window regulator master switch	
	3. Door control switch	
	4. Wire harness	
	5. Main body ECU	
Only Driver Door LOCK / UNLOCK Functions do not Operate	1. Front door lock LH	DL-22
	2. Wire harness	
	3. Main body ECU	
Only Passenger Door LOCK / UNLOCK Functions do not Operate	1. Front door lock RH	DL-25
	2. Wire harness	
	3. Main body ECU	
Only Rear Door LH LOCK / UNLOCK Functions do not Operate	1. Rear door lock LH	DL-28
	2. Wire harness	
	3. Main body ECU	
Only Rear Door RH LOCK / UNLOCK Functions do not Operate	1. Rear door lock RH	DL-30
	2. Wire harness	
	3. Main body ECU	
Only Back Door LOCK / UNLOCK Functions do not Operate	1. Back door lock	DL-32
	2. Wire harness	
	3. Main body ECU	
Key Lock-in Prevention Function does not Work Properly	1. Front door courtesy light switch LH	DL-34
	2. Unlock warning switch	
	3. Wire harness	
	4. Main body ECU	

# TERMINALS OF ECU

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



E123925E01



E123926E01

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

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

- (c) Reconnect the IB and IE junction block connector.
- (d) Measure the voltage of the wire harness side connectors.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
ACT+ (IA-3) - Body ground	R - Body ground	Door lock motor drive lock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder OFF	Below 1 V
ACT+ (IA-3) - Body ground	R - Body ground	Door lock motor drive lock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder ON (LOCK)	10 to 14 V → Below 1 V
ACT+ (IH-8) - Body ground	R - Body ground	Door lock motor drive lock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder OFF	Below 1 V
ACT+ (IH-8) - Body ground	R - Body ground	Door lock motor drive lock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder ON (LOCK)	10 to 14 V → Below 1 V

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
ACT+ (IH-17) - Body ground	R - Body ground	Door lock motor drive lock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder OFF	Below 1 V
ACT+ (IH-17) - Body ground	R - Body ground	Door lock motor drive lock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder ON (LOCK)	10 to 14 V → Below 1 V
ACT- (IA-4) - Body ground	BR- Body ground	Door lock motor drive unlock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder OFF	Below 1 V
ACT- (IA-4) - Body ground	BR - Body ground	Door lock motor drive unlock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder ON (UNLOCK)	10 to 14 V → Below 1 V
ACT- (IH-18) - Body ground	B - Body ground	Door lock motor drive unlock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder OFF	Below 1 V
ACT- (IH-18) - Body ground	B - Body ground	Door lock motor drive unlock output	Driver side door control switch or passenger side door control switch or driver side door key cylinder ON (UNLOCK)	10 to 14 V → Below 1 V
KSW (IE-26) - Body ground	L- Body ground	Key unlock warning switch input	Key is inserted in ignition key cylinder	Below 1 V
KSW (IE-26) - Body ground	L- Body ground	Key unlock warning switch input	No key is in ignition key cylinder	10 to 14 V
UL1 (IH-5) - Body ground	B - Body ground	Driver side manual unlock switch input	Driver side door control switch OFF	Below 1 V
UL1 (IH-5) - Body ground	B - Body ground	Driver side manual unlock switch input	Driver side door control switch ON (UNLOCK)	10 to 14 V → Below 1 V
UL1 (IH-14) - Body ground	O - Body ground	Passenger side manual unlock switch input	Passenger side door control switch OFF	Below 1 V
UL1 (IH-14) - Body ground	O - Body ground	Passenger side manual unlock switch input	Passenger side door control switch ON (UNLOCK)	10 to 14 V → Below 1 V
L1 (IH-4) - Body ground	P - Body ground	Driver side manual lock switch input	Driver side door control switch OFF	Below 1 V
L1 (IH-4) - Body ground	P - Body ground	Driver side manual lock switch input	Driver side door control switch ON (LOCK)	10 to 14 V → Below 1 V
L1 (IH-13) - Body ground	V - Body ground	Passenger side manual lock switch input	Passenger side door control switch OFF	Below 1 V
L1 (IH-13) - Body ground	V - Body ground	Passenger side manual lock switch input	Passenger side door control switch ON (LOCK)	10 to 14 V → Below 1 V
L2 (IH-7) - Body ground	SB - Body ground	Driver side Key-linked operated lock switch input	Driver side door key cylinder OFF	Below 1 V
L2 (IH-7) - Body ground	SB - Body ground	Driver side Key-linked operated lock switch input	Driver side door key cylinder ON (LOCK)	10 to 14 V → Below 1 V
PCTY (IC-14) - Body ground	BR - Body ground	Passenger door courtesy switch input	Passenger side door closed	10 to 14 V
PCTY (IC-14) - Body ground	BR - Body ground	Passenger door courtesy switch input	Passenger side door open	Below 1 V
RRCY (ID-7) - Body ground	LC - Body ground	Rear door courtesy switch LH input	Rear RH door closed	10 to 14 V

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
RRCY (ID-7) - Body ground	LC - Body ground	Rear door courtesy switch LH input	Rear RH door open	Below 1 V
BCTY (IA-7) - Body ground	LG - Body ground	Back door courtesy switch input	Back door closed	10 to 14 V
BCTY (IA-7) - Body ground	LG - Body ground	Back door courtesy switch input	Back door open	Below 1 V
DCTY (IA-21) - Body ground	W - Body ground	Driver side door courtesy switch input	Driver side door open	10 to 14 V
DCTY (IA-21) - Body ground	W - Body ground	Driver side door courtesy switch input	Driver side door closed	Below 1 V
DCTY (IC-6) - Body ground	BR - Body ground	Driver side door courtesy switch input	Driver side door open	10 to 14 V
DCTY (IC-6) - Body ground	BR - Body ground	Driver side door courtesy switch input	Driver side door closed	Below 1 V
ACTD (E15-5) - Body ground	B - Body ground	Driver side door unlock motor drive	Driver side door control switch or door control switch or driver side door key cylinder OFF	Below 1 V
ACTD (E15-5) - Body ground	B - Body ground	Driver side door unlock motor drive	Driver side door control switch or door control switch or driver side door key cylinder ON (UNLOCK)	10 to 14 V → Below 1 V
LSWP (E15-10) - Body ground	Y - Body ground	Passenger side door lock position switch input	Passenger side door UNLOCK	10 to 14 V
LSWP (E15-10) - Body ground	Y - Body ground	Passenger side door lock position switch input	Passenger side door LOCK	Below 1 V
UL3 (E15-9) - Body ground	LG - Body ground	Driver side door key-linked operated door unlock switch input	Driver side door key cylinder OFF	Below 1 V
UL3 (E15-9) - Body ground	LG - Body ground	Driver side door key-linked operated door unlock switch input	Driver side door key cylinder ON (LOCK)	10 to 14 V → Below 1 V