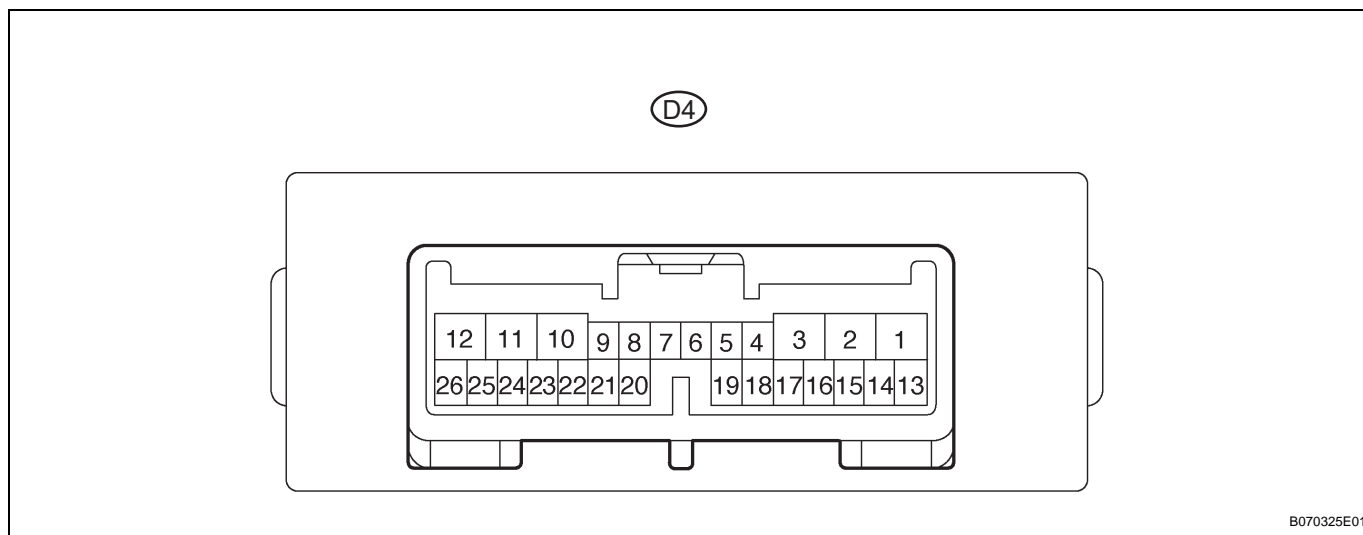


TERMINALS OF ECU

1. CHECK DOOR CONTROL RELAY ASSEMBLY



B070325E01

- (a) Disconnect the D4 relay connector.
- (b) Measure the voltage and resistance of the wire harness side connector.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
B (D4-1) - Body ground	L-W - Body ground	+B (B) power supply	Always	10 to 14 V
E (D4-12) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
IG (D4-26) - Body ground	R-B - Body ground	Ignition power supply	Ignition switch ON	10 to 14 V
KSW (D4-8) - Body ground	Y - Body ground	Unlock warning switch input	No key in ignition key cylinder	10 k Ω or higher
			Key inserted	Below 1 Ω
DCTY (D4-5) - Body ground	R - Body ground	Driver side courtesy switch input	Driver side door Closed	10 k Ω or higher
			Driver side door Open	Below 1 Ω
PCTY (D4-7) - Body ground	R-W - Body ground	Courtesy switch input other than driver side door	Front passenger side door, rear door (LH, RH) or back door Closed	10 k Ω or higher
			Front passenger side door, rear door (LH, RH) or back door Open	Below 1 Ω
L1 (D4-18) - Body ground	BR-Y - Body ground	Door control switch (master switch and front passenger side switch) lock input	Door control switch (master switch or front passenger side switch) OFF	10 k Ω or higher
			Door control switch (master switch or front passenger side switch) LOCK	Below 1 Ω
UL1 (D4-19) - Body ground	G-B - Body ground	Door control switch (master switch and front passenger side switch) unlock input	Door control switch (master switch or front passenger side switch) OFF	10 k Ω or higher
			Door control switch (master switch or front passenger side switch) UNLOCK	Below 1 Ω
LSWD (D4-6) - Body ground	L-R - Body ground	Driver side door lock position switch input	Driver side door UNLOCK	10 k Ω or higher
			Driver side door LOCK	Below 1 Ω

DL

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
L2 (D4-20) - Body ground	L-W - Body ground	Driver and front passenger side door key-linked door lock input	Driver side or front passenger side door key cylinder OFF	10 k Ω or higher
			Driver side or front passenger side door key cylinder LOCK	Below 1 Ω
UL3 (D4-21) - Body ground	Y-B - Body ground	Driver side door key-linked door unlock input	Driver side door key cylinder OFF	10 k Ω or higher
			Driver side door key cylinder UNLOCK	Below 1 Ω
UL2 (D4-22) - Body ground	L-R - Body ground	Front passenger side door key-linked door unlock input	Front passenger side door key cylinder OFF	10 k Ω or higher
			Front passenger side door key cylinder UNLOCK	Below 1 Ω
BDSU (D4-17) - Body ground	BR-Y - Body ground	Back door opener switch input	Back door opener switch (outside handle switch) OFF	10 k Ω or higher
			Back door opener switch (outside handle switch) ON	Below 1 Ω

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

- (c) Reconnect the D4 relay connector.
- (d) Measure the voltage of the connector.

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
ACT+ (D4-2) - Body ground	L-O - Body ground	Door lock motor LOCK drive output (driver, front passenger, rear LH and rear RH doors)	Door control switch (master switch or front passenger side switch) or door key cylinder (driver or front passenger) 1. OFF → 2. LOCK → 3. OFF	1. Below 1 V → 2. 10 to 14 V → 3. Below 1 V
ACTD (D4-11) - Body ground	Y-G - Body ground	Door lock motor UNLOCK drive output (driver door)	Door control switch (master switch or front passenger side switch) or door key cylinder (driver or front passenger) 1. OFF → 2. UNLOCK → 3. OFF	1. Below 1 V → 2. 10 to 14 V → 3. Below 1 V
ACT- (D4-3) - Body ground	L-B - Body ground	Door lock motor UNLOCK drive output (front passenger, rear LH and rear RH doors)		
BACT (D4-10) - Body ground	L-Y - Body ground	Back door lock motor OPEN drive output	Back door unlocked, back door opener switch (outside handle switch) 1. OFF → 2. ON → 3. OFF	1. Below 1 V → 2. 10 to 14 V → 3. Below 1 V

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