

DOOR LOCK CONTROL (RHD)

SYSTEM OUTLINE

1. MANUAL UNLOCK OPERATION

When the door lock control SW on the center console is pressed to the UNLOCK, the signal is input to TERMINAL UL1 of the body ECU. The current flows from TERMINAL ACT- of the body ECU into the door lock motor to TERMINAL ACT+ of the body ECU to GROUND, to unlock the door.

2. MANUAL LOCK OPERATION

When the door lock control SW on the center console is pressed to LOCK, signal is input to TERMINAL L1 of the body ECU. The current flows from TERMINAL ACT+ of the body ECU to door lock motor to TERMINAL ACT- of the body ECU to GROUND, to lock the door.

3. DOOR KEY UNLOCK OPERATION

Unlock operation from driver door

When the door is unlocked by the ignition key from the driver side, the signal from the door key lock and unlock SW in the door lock motor front RH is input to TERMINAL UL2 of the body ECU. The current flows from TERMINAL ACT- of the body ECU into the door lock motor front RH to TERMINAL ACT+ of the body ECU to GROUND, to unlock all the doors at once.

Unlock operation from passenger door

When the door is unlocked by the ignition key from the passenger side, the signal from the door key lock and unlock SW in the door lock motor front LH is input to TERMINAL UL2 of the body ECU. The current flows from TERMINAL ACT- of the body ECU into the door lock motor front LH to TERMINAL ACT+ of the body ECU to GROUND, to unlock all the doors at once.

4. IGNITION KEY REMINDER OPERATION

When the door lock operation is made using the door knob with the ignition key remained inserted in the key cylinder and the door open, unlock operation is automatically made. Additionally, if lock operation is made with the door lock control SW or door key lock and unlock SW, unlock operation is automatically made after the lock operation has been completed.

SERVICE HINTS

D3, D4 DOOR COURTESY SW LH, RH

1-GROUND : Closed with door open

P4 DOOR LOCK CONTROL SW [POWER WINDOW MASTER SW]

5-17 : Closed with **LOCK** position

6-17 : Closed with **UNLOCK** position

D5 DOOR LOCK MOTOR, DOOR LOCK DETECTION SW AND DOOR KEY LOCK AND UNLOCK LOCK SW LH

(A) 4, (B) 6-GROUND : Approx. **12** volts with door lock motor at lock operate

(A) 5, (B) 5-GROUND : Approx. **12** volts with door lock motor at unlock operate

(A) 2, (B) 1-(A) 3, (B) 4 : Closed with door lock cylinder locked with key

(A) 1, (B) 2-(A) 3, (B) 4 : Closed with door lock cylinder unlocked with key

D6 DOOR LOCK MOTOR, DOOR LOCK DETECTION SW AND DOOR KEY LOCK AND UNLOCK LOCK SW RH

(A) 4, (B) 2-GROUND : Approx. **12** volts with door lock motor at lock operate

(A) 5, (B) 1-GROUND : Approx. **12** volts with door lock motor at unlock operate

(A) 1, (B) 5-(A) 3, (B) 3 : Closed with door lock cylinder locked with key

(A) 2, (B) 6-(A) 3, (B) 13 : Closed with door lock cylinder unlocked with key

○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
B6	A	98 (RHD)	D5	B	100 (RHD)	J6		99 (RHD)
B7	B	98 (RHD)	D6	A	100 (RHD)	J8		99 (RHD)
B10		100 (RHD)		B	100 (RHD)	J11		99 (RHD)
C11	A	98 (RHD)	E3	A	94 (RHD 1ZZ-FE)	J12		100 (RHD)
C12	B	98 (RHD)			96 (RHD 2ZZ-GE)	J13		100 (RHD)
D3		100 (RHD)	E4	B	94 (RHD 1ZZ-FE)	J14		100 (RHD)
D4		100 (RHD)			96 (RHD 2ZZ-GE)	P4		99 (RHD)
D5	A	100 (RHD)	J3		99 (RHD)	U1		99 (RHD)

**: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR**

Code	See Page	Junction Block and Wire Harness (Connector Location)
IF	81	Instrument Panel Wire and Instrument Panel J/B (Instrument Panel Brace RH)
II		
IL		
IO	81	Floor Wire and Instrument Panel J/B (Instrument Panel Brace RH)

**: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	114 (RHD)	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE4	114 (RHD)	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Brace LH)
IE5		
IH1	116 (RHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BA1	118 (RHD)	Back Door No.1 Wire and Floor Wire (Quarter Panel LH)
BB1	118 (RHD)	Back Door No.2 Wire and Back Door No.1 Wire (Back Door Upper Left)

**: GROUND POINTS**

Code	See Page	Ground Points Location
IE	114 (RHD)	Cowl Side Panel LH
IF	114 (RHD)	Instrument Panel Brace RH
IH	114 (RHD)	Cowl Side Panel RH