

SYSTEM OUTLINE

In this system, the wireless door lock receiver receives weak radio wave transmitted from the transmitter built-into the ignition key and outputs the signal to the body ECU. Through communication control of the body ECU etc. , all the doors and the luggage door can be unlocked by the remote control.

1. BASIC FUNCTION

When the vehicle receives the radio wave signals from the transmitter, the system determines the condition of respective switches by the function code attached to the identification code, and controls them. In case any door is open, the lock does not function.

2. AUTO LOCK FUNCTION

If the door is not actually opened within approximately 30 seconds after the door has been unlocked by the transmitter, all the doors are locked automatically. Every time the receiver receives the unlock signal from the transmitter, the 30 second timer is canceled.

3. THEFT DETERRENT FUNCTION

Although the data configuration is the same, when the receiver receives 10 kinds of radio wave signals within 10 minutes, which does not comply with the identification code, the system inhibits further control.

4. CAR FINDER FUNCTION

* Lock

The hazard light flashes once when the signal is sent and the door is locked.

* Unlock

The hazard light flashes twice when the signal is sent and the door is unlocked.

5. REPEAT FUNCTION

When any door does not respond to the lock/unlock signal, the signal output is repeated maximum twice.

6. ILLUMINATED ENTRY OPERATION

When the body ECU detects that any door is unlocked, the interior light, ignition key cylinder light and door courtesy light front LH, RH comes on.

SERVICE HINTS

W4 WIRELESS DOOR LOCK ECU

1-GROUND : Always continuity

5-GROUND : Always approx. 12 volts

L4 LUGGAGE COMPARTMENT DOOR OPENER MOTOR

1-GROUND : Approx. 12 volts with luggage door open operate

D11 DOOR LOCK MOTOR, DOOR KEY LOCK AND UNLOCK SW AND DOOR LOCK DETECTION SW FRONT LH

5-GROUND : Approx. 12 volts with door lock motor at lock operate

6-GROUND : Approx. 12 volts with door lock motor at unlock operate

4-2 : Closed with door lock cylinder locked with key

3-2 : Closed with door lock cylinder unlocked with key

D14 DOOR LOCK MOTOR AND DOOR LOCK DETECTION SW FRONT RH

1-GROUND : Approx. 12 volts with door lock motor at lock operate

2-GROUND : Approx. 12 volts with door lock motor at unlock operate

D15 DOOR LOCK MOTOR AND DOOR LOCK DETECTION SW REAR LH

3-GROUND : Approx. 12 volts with door lock motor at lock operate

4-GROUND : Approx. 12 volts with door lock motor at unlock operate

D16 DOOR LOCK MOTOR AND DOOR LOCK DETECTION SW REAR RH

1-GROUND : Approx. 12 volts with door lock motor at lock operate

2-GROUND : Approx. 12 volts with door lock motor at unlock operate

WIRELESS DOOR LOCK CONTROL (LHD)

: PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
A14	A	98 (LHD)	D11		100 (LHD)	J14		100 (LHD)
A15	B	98 (LHD)	D14		100 (LHD)	J16		100 (LHD)
B6	A	98 (LHD)	D15		100 (LHD)	J17		100 (LHD)
B7	B	98 (LHD)	D16		100 (LHD)	L4		100 (LHD)
C10		98 (LHD)	E2	A	96 (LHD)	L6		100 (LHD)
D4		98 (LHD)	E3	B	96 (LHD)	P8		101 (LHD)
D7		100 (LHD)	J5		99 (LHD)	U1		99 (LHD)
D8		100 (LHD)	J9		99 (LHD)	W4		101 (LHD)
D9		100 (LHD)	J12		100 (LHD)			
D10		100 (LHD)	J13		100 (LHD)			

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	82 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1B	82 (LHD)	Front Door LH Wire and Driver Side J/B (Left Kick Panel)
1G	82 (LHD)	Engine Room Main Wire and Driver Side J/B (Left Kick Panel)
1H	82 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
1I	82 (LHD)	Floor No.2 Wire and Driver Side J/B (Left Kick Panel)
1L	82 (LHD)	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
2B	84 (LHD)	Engine Room Main Wire and Passenger Side J/B (Right Kick Panel)
2E	84 (LHD)	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
2G		
2H		
2I		
2K	84 (LHD)	Front Door RH Wire and Passenger Side J/B (Right Kick Panel)
2L	84 (LHD)	Floor Wire and Passenger Side J/B (Right Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA3	114 (LHD)	Instrument Panel Wire and Engine Room Main Wire (Near the Driver Side J/B)
IB1	114 (LHD)	Instrument Panel Wire and Floor No.2 Wire (Near the Driver Side J/B)
IH3	116 (LHD)	Instrument Panel Wire and Floor Wire (Near the Passenger Side J/B)
II1	116 (LHD)	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BA1	118 (LHD)	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BB1	118 (LHD)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BC1	118 (LHD)	Floor No.2 Wire and Floor Wire (Under the Right Rear Cushion)

: GROUND POINTS

Code	See Page	Ground Points Location
EC	112 (LHD)	Left Fender Apron
ID	114 (LHD)	Cowl Side Panel LH
IG	114 (LHD)	Cowl Side Panel RH
BK	118 (LHD)	Left Quarter Panel LH
BL	118 (LHD)	Front Floor Panel RH

