

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

D12 (A), (B) DOOR LOCK MOTOR, DOOR KEY LOCK AND UNLOCK SW AND DOOR LOCK DETECTION SW FRONT RH

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

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

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

4 (B)-5 (B) : Closed with door lock cylinder unlocked with key

D13 (A), (B) DOOR LOCK MOTOR AND DOOR LOCK DETECTION SW FRONT LH

2 (A), 3 (B)-GROUND : Approx. 12 volts with door lock motor at lock operate

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

D15 (A), (B) DOOR LOCK MOTOR AND DOOR LOCK DETECTION SW REAR LH

2 (A), 3 (B)-GROUND : Approx. 12 volts with door lock motor at lock operate

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

D16 (A), (B) DOOR LOCK MOTOR AND DOOR LOCK DETECTION SW REAR RH

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

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

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| Code | | See Page | Code | | See Page | Code | See Page |
|------|---|-----------|------|---|-----------|------|-----------|
| A14 | A | 106 (RHD) | D12 | B | 108 (RHD) | J12 | 108 (RHD) |
| A15 | B | 106 (RHD) | D13 | A | 108 (RHD) | J13 | 108 (RHD) |
| B6 | A | 106 (RHD) | | B | 108 (RHD) | J14 | 108 (RHD) |
| B7 | B | 106 (RHD) | D15 | A | 108 (RHD) | J16 | 108 (RHD) |
| C10 | | 106 (RHD) | | B | 108 (RHD) | J17 | 108 (RHD) |
| D2 | | 106 (RHD) | D16 | A | 108 (RHD) | L4 | 108 (RHD) |
| D4 | | 106 (RHD) | | B | 108 (RHD) | L6 | 108 (RHD) |
| D7 | | 108 (RHD) | E2 | A | 104 (RHD) | P8 | 109 (RHD) |
| D8 | | 108 (RHD) | E3 | B | 104 (RHD) | T5 | 107 (RHD) |
| D9 | | 108 (RHD) | J5 | | 107 (RHD) | U1 | 107 (RHD) |
| D10 | | 108 (RHD) | J9 | | 107 (RHD) | W4 | 109 (RHD) |
| D12 | A | 108 (RHD) | J11 | | 107 (RHD) | | |

| Code | See Page | Junction Block and Wire Harness (Connector Location) |
|------|----------|--|
| 1A | 88 (RHD) | Engine Room Main Wire and Driver Side J/B (Right Kick Panel) |
| 1F | 88 (RHD) | Instrument Panel Wire and Driver Side J/B (Right Kick Panel) |
| 1H | | |
| 1I | | |
| 1K | 88 (RHD) | Front Door RH Wire and Driver Side J/B (Right Kick Panel) |
| 1L | 88 (RHD) | Floor Wire and Driver Side J/B (Right Kick Panel) |
| 2B | 90 (RHD) | Front Door LH Wire and Passenger Side J/B (Left Kick Panel) |
| 2E | 90 (RHD) | Instrument Panel Wire and Passenger Side J/B (Left Kick Panel) |
| 2F | | |
| 2G | 90 (RHD) | Engine Room Main Wire and Passenger Side J/B (Left Kick Panel) |
| 2H | 90 (RHD) | Instrument Panel Wire and Passenger Side J/B (Left Kick Panel) |
| 2I | 90 (RHD) | Floor No.2 Wire and Passenger Side J/B (Left Kick Panel) |
| 2L | 90 (RHD) | Instrument Panel Wire and Passenger Side J/B (Left Kick Panel) |

| Code | See Page | Joining Wire Harness and Wire Harness (Connector Location) |
|------|-----------|---|
| IA3 | 124 (RHD) | Instrument Panel Wire and Engine Room Main Wire (Near the Passenger Side J/B) |
| IB1 | 124 (RHD) | Instrument Panel Wire and Floor No.2 Wire (Near the Passenger Side J/B) |
| IB2 | | |
| IC1 | 124 (RHD) | Front Door LH Wire and Instrument Panel Wire (Left Kick Panel) |
| BA1 | 128 (RHD) | Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar) |
| BB1 | 128 (RHD) | Rear Door No.1 Wire and Floor Wire (Right Center Pillar) |
| BC1 | 128 (RHD) | Floor No.2 Wire and Floor Wire (Under the Right Rear Cushion) |

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| Code | See Page | Ground Points Location |
|------|-----------|------------------------|
| EC | 122 (RHD) | Left Fender Apron |
| ID | 124 (RHD) | Cowl Side Panel LH |
| IF | 124 (RHD) | Cowl Side Panel RH |
| BJ | 128 (RHD) | Front Floor Panel LH |
| BK | 128 (RHD) | Left Quarter Panel LH |
| BL | 128 (RHD) | Front Floor Panel RH |

