

## SYSTEM OUTLINE

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

### 1. NORMAL OPERATION

- \* Lock operation  
When the lock SW on the transmitter is pressed, all the doors are locked.
- \* Unlock operation (Australia)  
When the unlock SW on the transmitter is pressed once, only the driver door is unlocked. When the unlock SW is pressed again within 3 sec., all the doors are unlocked.
- \* Unlock operation (Europe)  
When the unlock SW on the transmitter is pressed, all the doors are unlocked.
- \* Luggage door unlock operation  
When the luggage door unlock SW is kept pressed for approximately 1.0 sec. or longer, the luggage door is opened.

### 2. AUTO LOCK FUNCTION

If the door is not actually opened within 30 sec. after the door has been unlocked by pressing the unlock SW on the transmitter, all the doors are automatically locked. If any of the following conditions is detected, the auto lock does not function.

- Any door is opened.
- The ignition key is inserted into the ignition SW.
- When the lock detection SW of all the doors are locked.

### 3. WIRELESS DOOR LOCK STOP FUNCTION

If any of the following conditions is detected, the wireless door lock does not function.

- \* Lock operation  
Any door is open (The door courtesy SW is on).  
The ignition key is inserted into the ignition key cylinder (The unlock warning SW is on).  
The ignition SW is turned to the ON position.
- \* Unlock operation  
The ignition SW is turned to ON position.
- \* Luggage door unlock operation  
The ignition SW is turned to ON position.

### 4. ANSWER BACK FUNCTION

- \* When the doors are locked by wireless operation, the buzzer sounds once and the hazard lights blink once. (Australia)
- \* When the doors are locked by wireless operation, the hazard lights blink once. (Europe)
- \* When the doors are unlocked by wireless operation, the buzzer sounds twice and hazard lights blink twice. (Australia)
- \* When the doors are unlocked by wireless operation, the hazard lights blink twice. (Europe)
- \* When the luggage door is unlocked by wireless operation, the buzzer sounds once. (Australia)
- \* When the doors are locked by wireless operation with each door open (Courtesy SW ON), the buzzer sounds. If all the doors are closed, doors are unlocked by wireless operation or buzzer keeps sounding for 10 seconds, the buzzer sounding stops.

### 5. ILLUMINATED ENTRY FUNCTION

If the doors are unlocked when all the doors are locked, the room light is turned on.

### 6. PANIC MODE FUNCTION (AUSTRALIA)

When the lock switch on the transmitter is kept pressed for approximately 2.5 sec., the theft deterrent ECU receives the signal and enters the panic mode. The theft alarm goes on upon receiving the signal, the theft deterrent ECU, and the headlights and taillights flash through the communication of the theft deterrent ECU and door ECU etc. At this time, when any SW on the transmitter is pressed, the panic mode is cancelled, the theft alarm is stopped, and the headlights and taillights go off.

### 7. REPEAT FUNCTION

If the lock detection signal in response to the output signal is not received after theft deterrent ECU has output the lock signal, the lock signal is output again after approximately 1 sec.

# WIRELESS DOOR LOCK CONTROL (RHD w/o SMART KEY SYSTEM)

## SERVICE HINTS

### D25 (B) DRIVER DOOR ECU

- (B) 5-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- (B) 4, (B) 6-GROUND : Always approx. **12** volts
- (B) 1-GROUND : Always continuity

### F17 (B) FRONT PASSENGER DOOR ECU

- (B) 5-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- (B) 4, (B) 6-GROUND : Always approx. **12** volts
- (B) 1-GROUND : Always continuity

### R15 REAR DOOR LH ECU

- 26-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- 1, 2-GROUND : Always approx. **12** volts
- 6-GROUND : Always continuity

### R16 REAR DOOR RH ECU

- 26-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- 1, 2-GROUND : Always approx. **12** volts
- 6, 15-GROUND : Always continuity

### T5 THEFT DETERRENT ECU

- 24-GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
- 31-GROUND : Approx. **12** volts with ignition SW at **ON** or **ACC** position
- 1, 21-GROUND : Always approx. **12** volts
- 20-GROUND : Always continuity

## ○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D12	134 (RHD)	I19	135 (RHD)	K1	128 (RHD)
D13	134 (RHD)	J11	A 131 (RHD)	K4	132 (RHD)
D14	134 (RHD)	J12	B 131 (RHD)	P13	136 (RHD)
D15	134 (RHD)	J13	A 131 (RHD)	R15	136 (RHD)
D17	134 (RHD)	J14	B 131 (RHD)	R16	136 (RHD)
D24	A 134 (RHD)	J15	A 131 (RHD)	T5	133 (RHD)
D25	B 134 (RHD)	J16	B 131 (RHD)	T9	133 (RHD)
F16	A 134 (RHD)	J22	135 (RHD)	U7	133 (RHD)
F17	B 134 (RHD)	J27	135 (RHD)		
G1	131 (RHD)	J30	135 (RHD)		

## ○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
DE	100 (RHD)	Instrument Panel Wire and Driver Side J/B (Right Kick Panel)
DF		
DI	101 (RHD)	Floor Wire and Driver Side J/B (Right Kick Panel)
LC	110	Floor No.2 Wire and Luggage Room J/B (Luggage Room Left)
PE	105 (RHD)	Instrument Panel Wire and Passenger Side J/B (Left Kick Panel)
PG		
PI	107 (RHD)	Floor No.2 Wire and Passenger Side J/B (Left Kick Panel)
PJ		

 : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	154 (RHD)	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
IB1	154 (RHD)	Instrument Panel Wire and Roof Wire (Cowl Side Panel LH)
IB2		
IG2	156 (RHD)	Instrument Panel Wire and Floor Wire (Cowl Side Panel RH)
IH3	156 (RHD)	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel RH)
II1	156 (RHD)	Front Door RH Wire and Floor Wire (Right Kick Panel)
BA1	158 (RHD)	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BA2		
BB1	158 (RHD)	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BB2		
BC1	158 (RHD)	Floor No.2 Wire and Floor Wire (Rear Floor Partition Panel LH)

 : GROUND POINTS

Code	See Page	Ground Points Location
IH	154 (RHD)	Left Side of Shift Lever
II		
BL	158 (RHD)	Rear Floor Partition Panel LH
BN	158 (RHD)	Rear Floor Partition Panel RH
BO	158 (RHD)	Quarter Panel RH