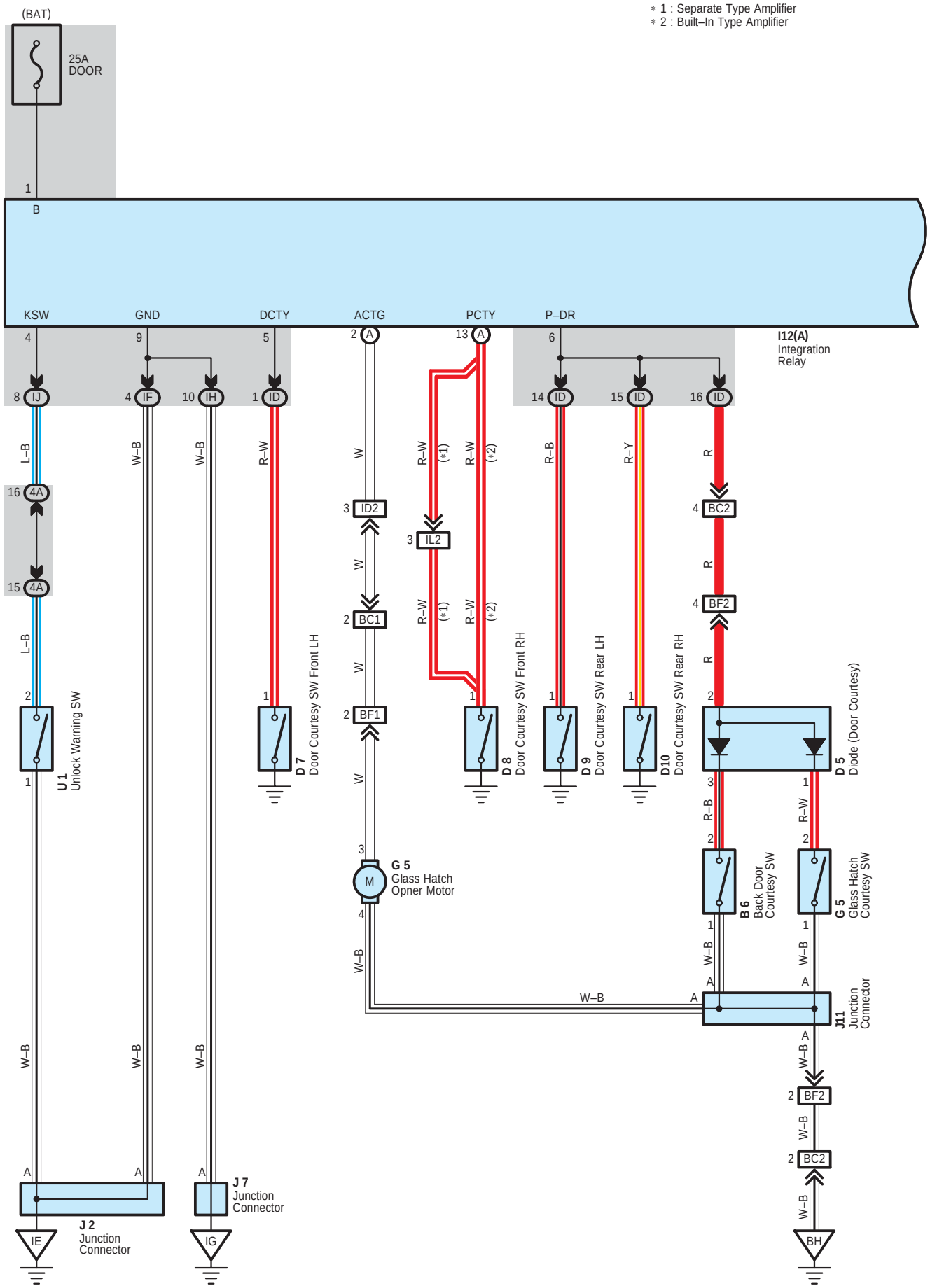
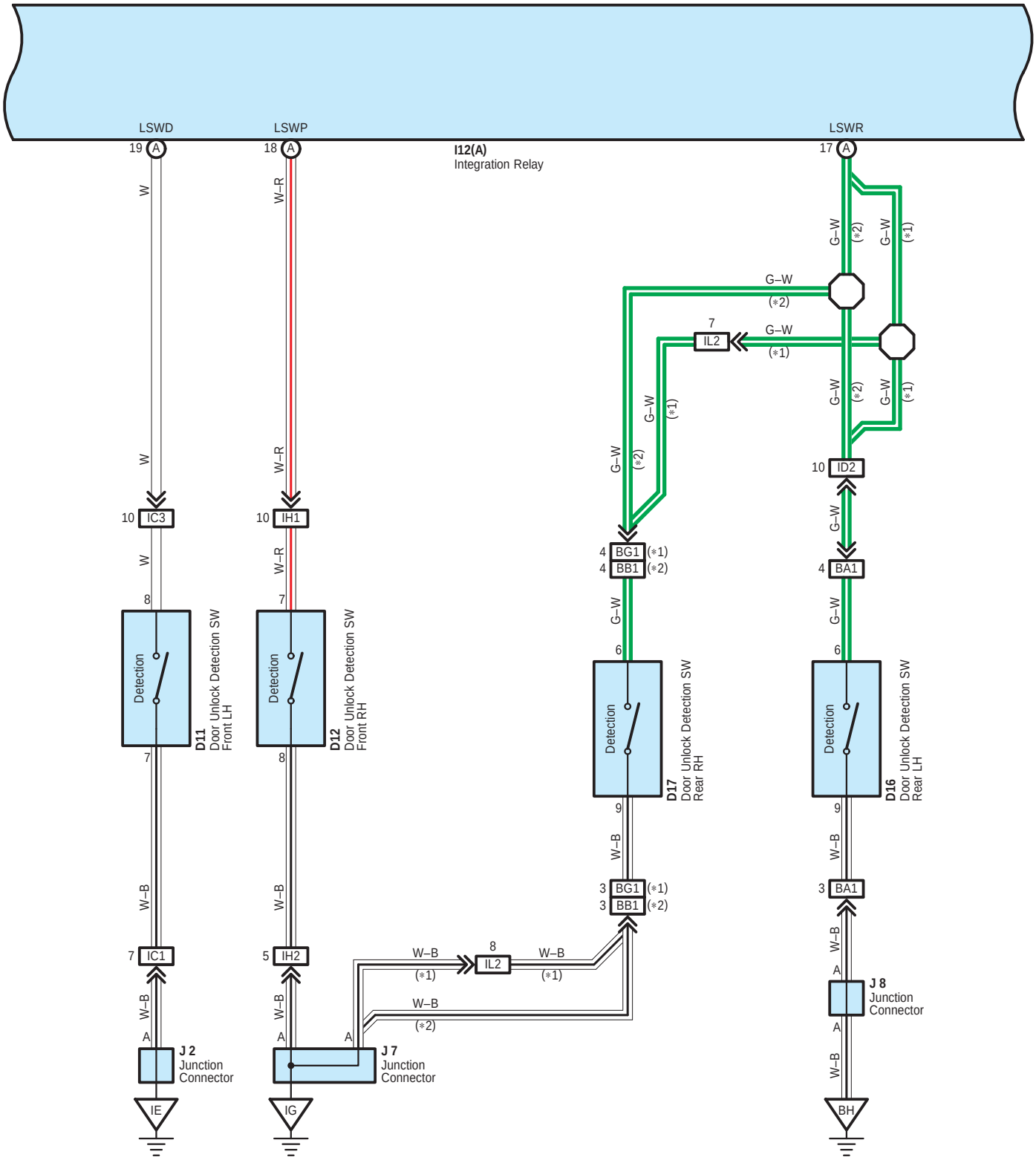
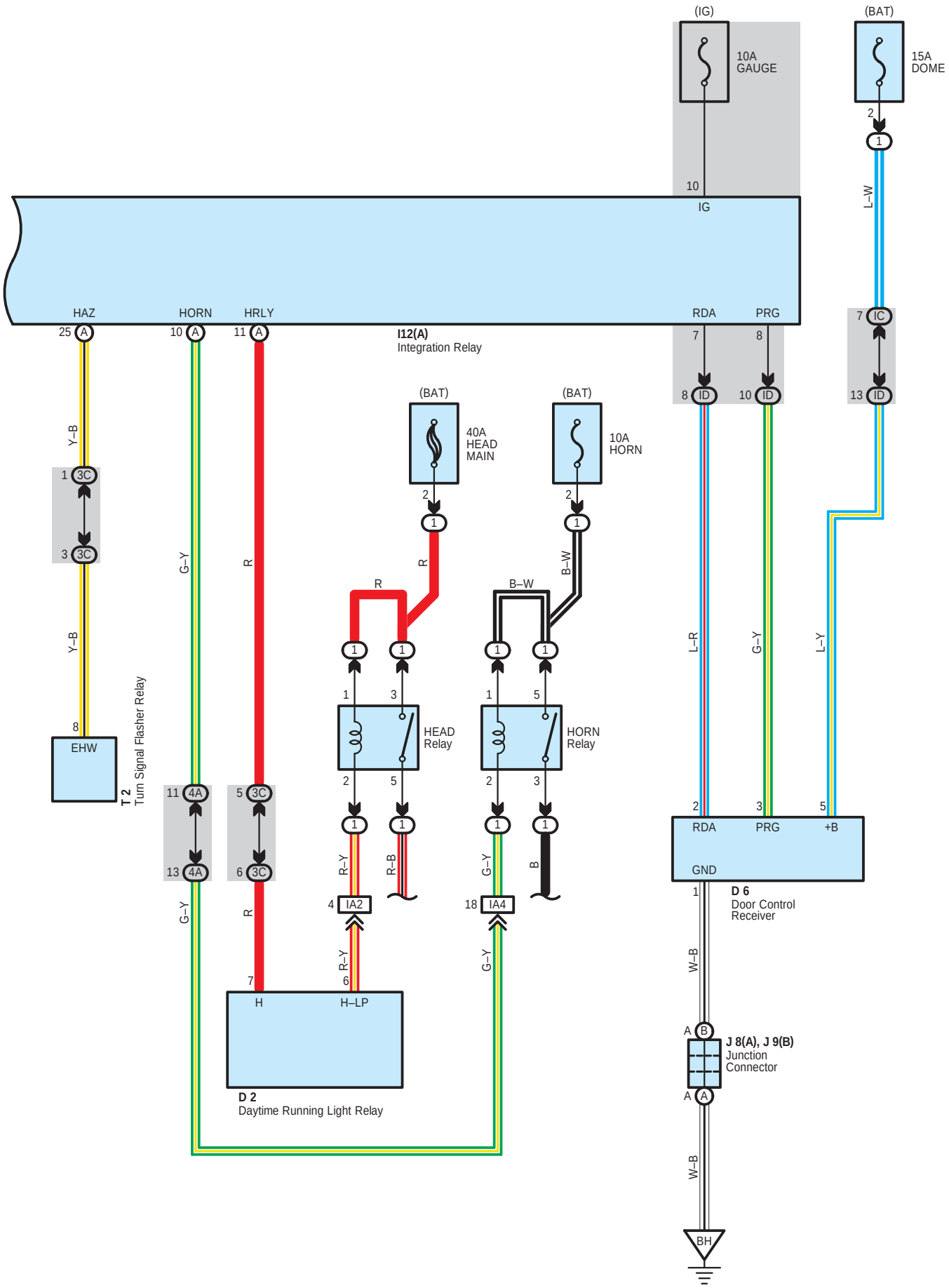

* 1 : Separate Type Amplifier
* 2 : Built–In Type Amplifier
(BAT)
25A
DOOR
1
B
KSW
GND
DCTY
ACTG
PCTY
P–DR
I12(A)
Integration
Relay
U 1
Unlock Warning SW
D 7
Door Courtesy SW Front LH
D 8
Door Courtesy SW Front RH
D 9
Door Courtesy SW Rear LH
D10
Door Courtesy SW Rear RH
D 5
Diode (Door Courtesy)
G 5
Glass Hatch
Opner Motor
B 6
Back Door
Courtesy SW
G 5
Glass Hatch
Courtesy SW
J11
Junction
Connector
J 2
Junction
Connector
J 7
Junction
Connector
IE
IG
BH


LSWD
LSWP
LSWR
19 A
18 A
17 A
I12(A)
Integration Relay
W
W–R
G–W
(*2)
(*1)
7
IL2
10 IC3
10 IH1
10 ID2
4 BG1 (*1)
4 BB1 (*2)
4 BA1
8
7
6
Detection
D11
Door Unlock Detection SW
Front LH
D12
Door Unlock Detection SW
Front RH
D17
Door Unlock Detection SW
Rear RH
D16
Door Unlock Detection SW
Rear LH
9
W–B
3 BG1 (*1)
3 BB1 (*2)
3 BA1
7 IC1
5 IH2
8
IL2
J 2
Junction
Connector
J 7
Junction
Connector
J 8
Junction
Connector
A
IE
IG
BH


(IG)
10A
GAUGE
10
IG
(BAT)
15A
DOME
2
1
L–W
HAZ
HORN
HRLY
RDA
PRG
25 A
10 A
11 A
7
8
8 ID
10 ID
7 IC
13 ID
I12(A)
Integration Relay
(BAT)
40A
HEAD
MAIN
(BAT)
10A
HORN
Y–B
1 3C
3 3C
Y–B
8
EHW
T 2
Turn Signal Flasher Relay
G–Y
R
R
R
B–W
B–W
L–R
G–Y
L–Y
HEAD
Relay
HORN
Relay
11 4A
13 4A
5 3C
6 3C
R–Y
R–B
G–Y
B
4 IA2
18 IA4
R
7
H
H–LP
R–Y
6
G–Y
D 2
Daytime Running Light Relay
2
RDA
3
PRG
5
+B
GND
D 6
Door Control
Receiver
W–B
A B
J 8(A), J 9(B)
Junction
Connector
A A
W–B
BH

System Outline

Door lock control (Lock and unlock) and panic control (TVIP alarm and flash) is performed by remote control, without the ignition key inserted in the door key cylinder, using low–power electrical waves emitted by a transmitter.

1. Wireless Door Lock or Unlock Normal Operation

With the ignition key not inserted into the ignition key cylinder (Unlock warning SW off) and all the doors completely closed, when the lock or unlock button (Transmitter) is pushed, the door control receiver receives the electrical waves from the transmitter, and sends a signal to the integration relay causing it to operate.
As a result, the integration relay judges whether the door is locked or unlocked based on the signal from the door lock motor and door unlock detection SW, and sends a signal to switch the condition from lock to unlock or vice versa, causing the door lock motor to operate.

2. Visual Confirmation of Lock or Unlock

If all doors indicate that they are locked after the lock command, parking lights and taillights will flash once. If any door indicates that it is open after the unlock command, parking lights and taillights will flash twice.

3. Wireless Door Unlock Operation

Pushing the unlock button (Transmitter) once, driver's door is unlocked. Furthermore, pushing the button again within 3 seconds, the other doors are unlocked.

4. Automatic Lock Operation

With the ignition key not inserted into the ignition key cylinder (Unlock warning SW off) and all the doors completely closed, after pushing the button (Transmitter) to unlock all the doors, if a door is not opened within 30 seconds, all the doors will be automatically relocked.

5. Glass Hatch Open Operation

With the ignition key not inserted into the ignition key cylinder, when the hatch button (Transmitter) is pushed, the door control receiver receives the electrical waves from the transmitter, and sends a signal to the integration relay causing it to operate.
As a result, the glass hatch is opened.

6. Wireless Control Stop Function

If a door is open (Door courtesy SW on), a signal is input from the door courtesy SW to the integration relay stopping wireless door lock or unlock.
If the ignition key is in the ignition key cylinder (Unlock warning SW on), the unlock warning SW inputs a signal to the integration relay stopping wireless door lock or unlock.

7. Repeat Function

In case an appropriate lock detection signal is not received after outputting a lock signal when pushing the lock button (Transmitter), 1 seconds later, the integration relay output the lock signal again.

8. Remote Panic Operation

Panic will function when doors are locked or unlocked, open or closed. When the panic button (Transmitter) is pushed once, theft alarm sounds and headlights and taillights flash. Then, the panic or the unlock button (Transmitter) is pushed once more, sounding and flashing will stop. Panic will not function when ignition key is in ignition key cylinder.

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
B6	38	D10	38	J2	37
D2	36	D11	38	J7	37
D5	38	D12	38	J8 A	38
D6	38	D16	38	J9 B	38
D7	38	D17	38	J11	38
D8	38	G5	38	T2	37
D9	38	I12 A	37	U1	37

▭ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	23	Engine Room R/B (Engine Compartment Left)

: **Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
IC	25	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
ID	25	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
IF	25	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
IH		
IJ		
3C	29	Instrument Panel Wire and RH J/B (Right Side of the Instrument Panel Reinforcement)
4A	32	Instrument Panel Wire and Center J/B (Behind the Combination Meter)

: **Connector Joining Wire Harness and Wire Harness**

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA2	42	Engine Room Main Wire and Instrument Panel Wire (Instrument Panel Reinforcement LH)
IA4		
IC1	42	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IC3		
ID2	42	Instrument Panel Wire and Floor Wire (Left Kick Panel)
IH1	43	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IH2		
IL2	43	Floor Wire and Instrument Panel Wire (Right Kick Panel)
BA1	44	Rear Door LH Wire and Floor Wire (Left Center Pillar)
BB1	44	Rear Door RH Wire and Instrument Panel Wire (Right Center Pillar)
BC1	44	Back Door No.1 Wire and Floor Wire (Left Quarter Panel)
BC2		
BF1	44	Back Door No.1 Wire and Back Door No.2 Wire (Back Panel LH)
BF2		
BG1	44	Rear Door RH Wire and Floor Wire (Right Center Pillar)

: **Ground Points**

Code	See Page	Ground Points Location
IE	42	Behind Combination Meter
IG	42	Right Kick Panel
BH	44	Left Quarter Panel