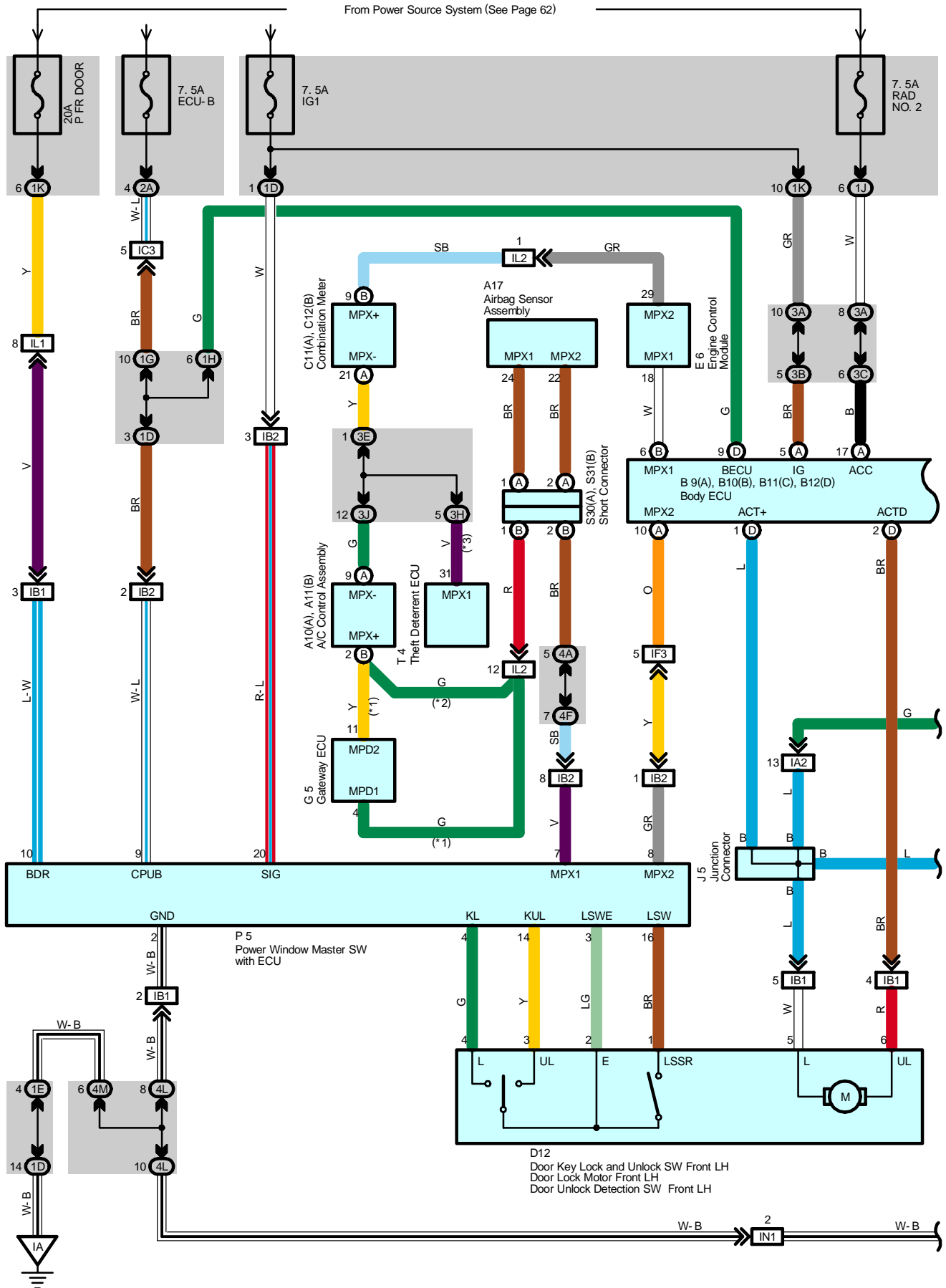
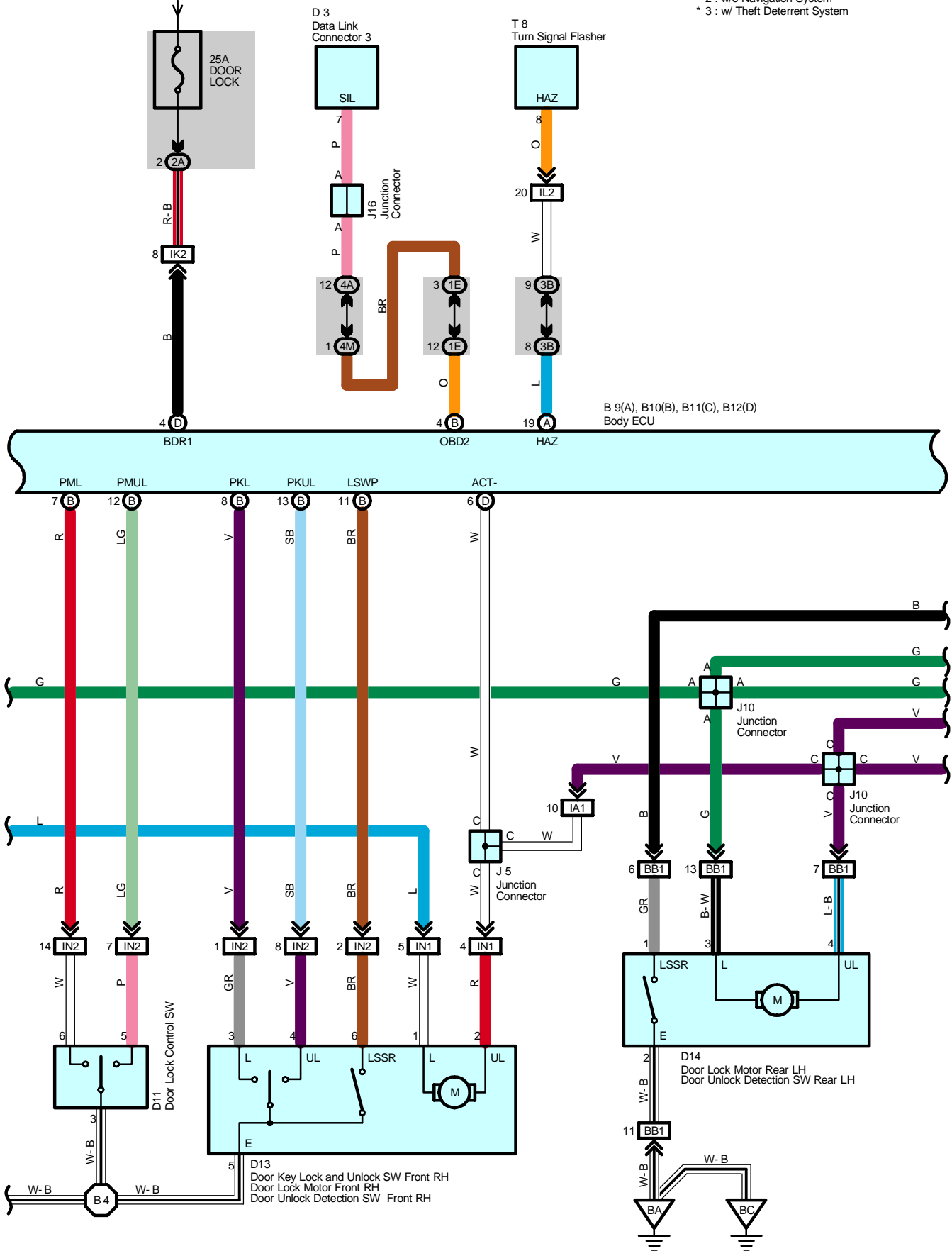


# Wireless Door Lock Control

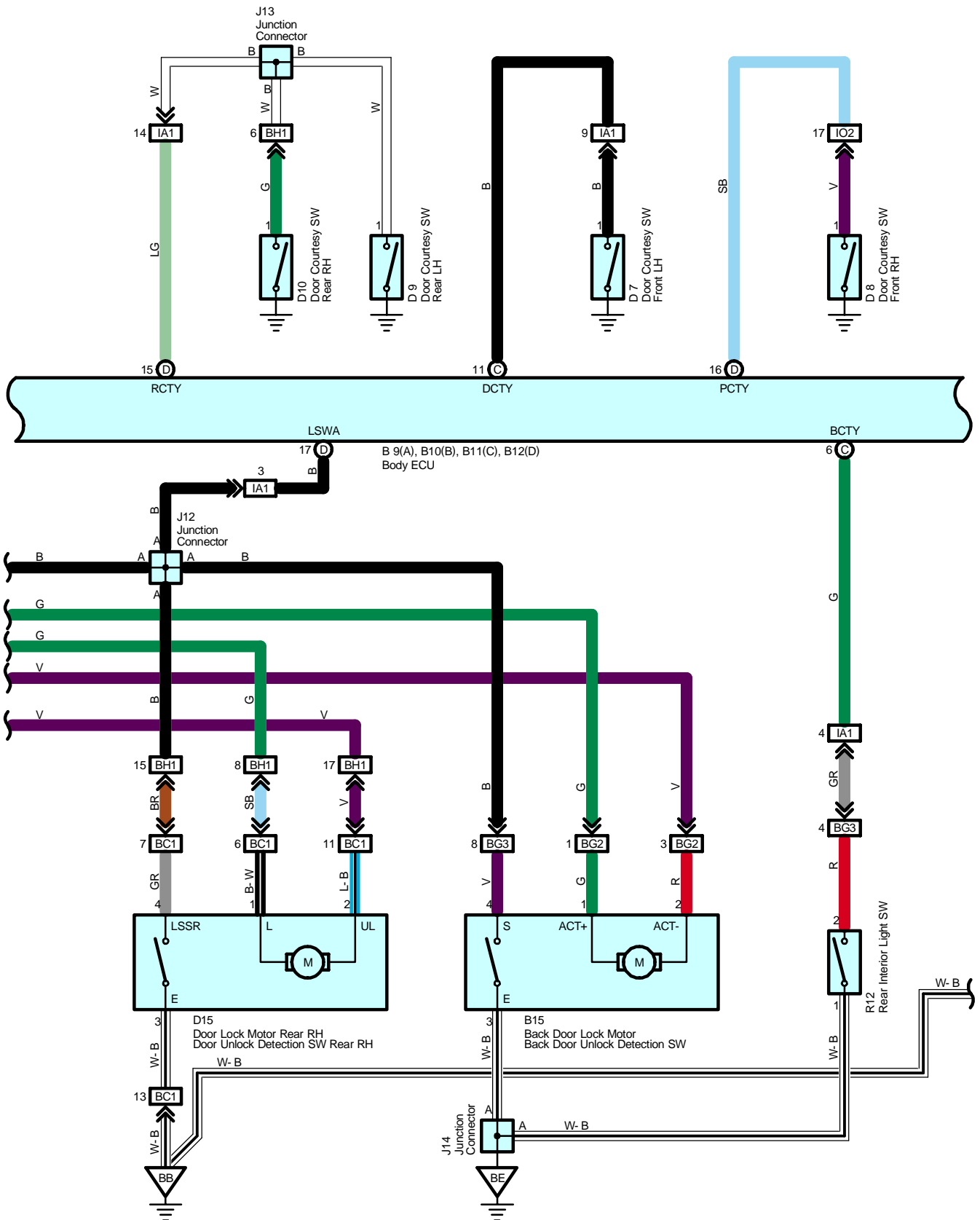


From Power Source System (See Page 62)

- \* 1 : w/ Navigation System
- \* 2 : w/o Navigation System
- \* 3 : w/ Theft Deterrent System



# Wireless Door Lock Control





# Wireless Door Lock Control

## System Outline

In this system, the wireless door lock ECU receives weak radio wave transmitted from the transmitter and outputs a signal to the body ECU. Accordingly, all the doors are can be locked and unlocked by remote control.

### 1. Normal Operation

#### \* Lock operation

When the lock SW on the transmitter is pressed, all the doors are locked.

#### \* Unlock operation

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 seconds, all the doors are unlocked.

### 2. Auto Lock Function

After all the doors are unlocked by pushing the UNLOCK SW of the transmitter, unless each of the doors is opened or the ignition key is inserted, all the doors are locked again.

### 3. Wireless Door Lock Stop Function

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

Lock operation

#### \* When any door is open (Door courtesy SW on)

#### \* The ignition key is inserted into the ignition SW (Unlock warning SW on)

#### \* Ignition SW is on

Unlock operation

#### \* Ignition SW is on

### 4. Visual Confirmation of Lock or Unlock

When doors are locked by using the transmitter, the hazard light flashes once. When doors are unlocked by using the transmitter, the hazard light flashes twice. If UNLOCK SW of the transmitter is pushed while all the doors are locked, doors are unlocked and the interior light and ignition key cylinder light are turned on simultaneously.

### 5. Panic Mode Function

When the panic SW on the transmitter is pressed, the panic mode is activated. The panic mode is canceled when the unlock SW or panic SW is pressed.

### 6. Repeat Function

If the lock detection signal in response to the output signal is not received after the wireless door lock ECU has output the lock signal, the lock signal is output again.

## Service Hints

### D7, D8, D9, D10 Door Courtesy SW Front LH, RH, Rear LH, RH

1-Ground : Continuity with the door open

### D12 Door Key Lock and Unlock SW, Door Lock Motor and Door Unlock Detection Front LH

5-Ground : Approx. 12 volts with the door lock motor at lock operate  
 6-Ground : Approx. 12 volts with the door lock motor at unlock operate  
 4-2 : Closed with the door lock cylinder locked with key  
 3-2 : Closed with the door lock cylinder unlocked with key

### D13 Door Key Lock and Unlock SW Door Lock Motor and Door Unlock Detection Front RH

1-Ground : Approx. 12 volts with the door lock motor at lock operate  
 2-Ground : Approx. 12 volts with the door lock motor at unlock operate  
 3-5 : Closed with the door lock cylinder locked with key  
 4-5 : Closed with the door lock cylinder unlocked with key

### D14 Door Lock Motor and Door Unlock Detection SW Rear LH

3-Ground : Approx. 12 volts with the door lock motor at lock operate  
 4-Ground : Approx. 12 volts with the door lock motor at unlock operate

### D15 Door Lock Motor and Door Unlock Detection SW Rear RH

1-Ground : Approx. 12 volts with the door lock motor at lock operate  
 2-Ground : Approx. 12 volts with the door lock motor at unlock operate

### B15 Back Door Lock Motor and Back Door Unlock Detection SW

1-Ground : Approx. 12 volts with the door lock motor at lock operate  
 2-Ground : Approx. 12 volts with the door lock motor at unlock operate

### W6 Wireless Door Lock ECU

5-Ground : Always approx. 12 volts  
 1-Ground : Always continuity

## ○ : PARTS LOCATION

Code		See Page	Code		See Page	Code		See Page
A10	A	<a href="#">42</a>	D11	<a href="#">44</a>		J16		<a href="#">43</a>
A11	B	<a href="#">42</a>	D12	<a href="#">44</a>		J18		<a href="#">44</a>
A17		<a href="#">42</a>	D13	<a href="#">44</a>		J19		<a href="#">44</a>
B9	A	<a href="#">42</a>	D14	<a href="#">44</a>		K4		<a href="#">43</a>
B10	B	<a href="#">42</a>	D15	<a href="#">44</a>		O5		<a href="#">44</a>
B11	C	<a href="#">42</a>	E6	<a href="#">42</a>		P5		<a href="#">44</a>
B12	D	<a href="#">42</a>	G5	<a href="#">43</a>		R12		<a href="#">45</a>
B15		<a href="#">44</a>	I14	<a href="#">43</a>		S30	A	<a href="#">43</a>
C11	A	<a href="#">42</a>	I16	<a href="#">44</a>		S31	B	<a href="#">43</a>
C12	B	<a href="#">42</a>	J5	<a href="#">43</a>		T4		<a href="#">43</a>
D3		<a href="#">42</a>	J6	<a href="#">43</a>		T7		<a href="#">43</a>
D7		<a href="#">44</a>	J10	<a href="#">44</a>		T8		<a href="#">43</a>
D8		<a href="#">44</a>	J12	<a href="#">44</a>		W5		<a href="#">39 (3MZ-FE)</a>
D9		<a href="#">44</a>	J13	<a href="#">44</a>				<a href="#">41 (2AZ-FE)</a>
D10		<a href="#">44</a>	J14	<a href="#">44</a>		W6		<a href="#">45</a>

# Wireless Door Lock Control



## : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1D	29	Cowl Wire and Instrument Panel J/B (Lower Finish Panel)
1E		
1G		
1H		
1J	28	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
1K		
2A	27	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3A	30	Instrument Panel Wire and Center J/B (Behind the Instrument Panel Center)
3B		
3C		
3E		
3H	31	
3J		
4A	33	Cowl Wire and Passenger Side J/B (Right Side of Grove Box)
4D		
4F		
4G		
4H	32	
4J		
4L		
4M		
4N		



## : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	52	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
IA2		
IB1	52	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IB2		
IC3	52	Engine Room Main Wire and Cowl Wire (Left Cowl Side Panel)
IE1	52	Roof Wire and Cowl Wire (Near the Bottom of Left Front Pillar)
IF3	52	Instrument Panel Wire and Cowl Wire (Right Side of Instrument Panel J/B)
IK2	54	Engine Room Main Wire and Cowl Wire (Right Cowl Side Panel)
IK3		
IL1	54	Instrument Panel Wire and Cowl Wire (Upper Side of Passenger Side J/B)
IL2		
IN1	54	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IN2		
IO2	54	Cowl Wire and Floor Wire (Right Kick Panel)
BB1	56	Rear Door No.1 LH Wire and Floor No.2 Wire (Left Center Pillar)
BC1	56	Rear Door No.1 RH Wire and Floor Wire (Right Center Pillar)
BG2	56	Back Door No.1 Wire and Floor No.2 Wire (Rear Left of the Roof)
BG3		
BH1	56	Floor No.2 Wire and Floor Wire (Near the Rear Side Marker Light RH)

**: GROUND POINTS**

Code	See Page	Ground Points Location
IA	<a href="#">52</a>	Left Cowl Side Panel
IC	<a href="#">52</a>	Right Cowl Side Panel
BA	<a href="#">56</a>	Left Center Pillar
BB	<a href="#">56</a>	Right Center Pillar
BC	<a href="#">56</a>	Left Side of Rear Cross Member
BE	<a href="#">56</a>	Left Side of Back Door
BF	<a href="#">56</a>	Near the Rear Side Marker Light RH

**: SPLICE POINTS**

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B1	<a href="#">56</a>	Roof Wire	B4	<a href="#">56</a>	Front Door RH Wire