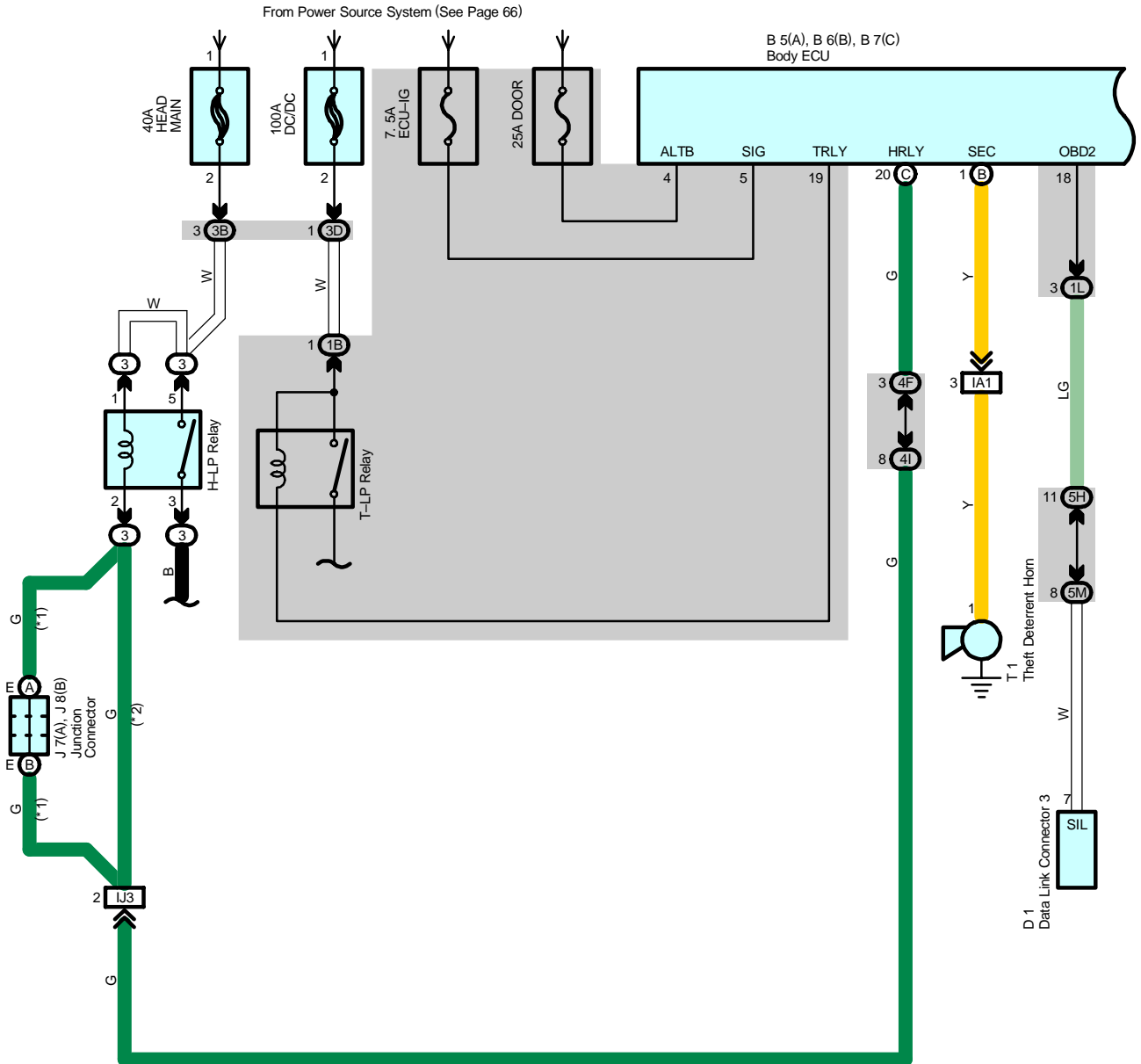
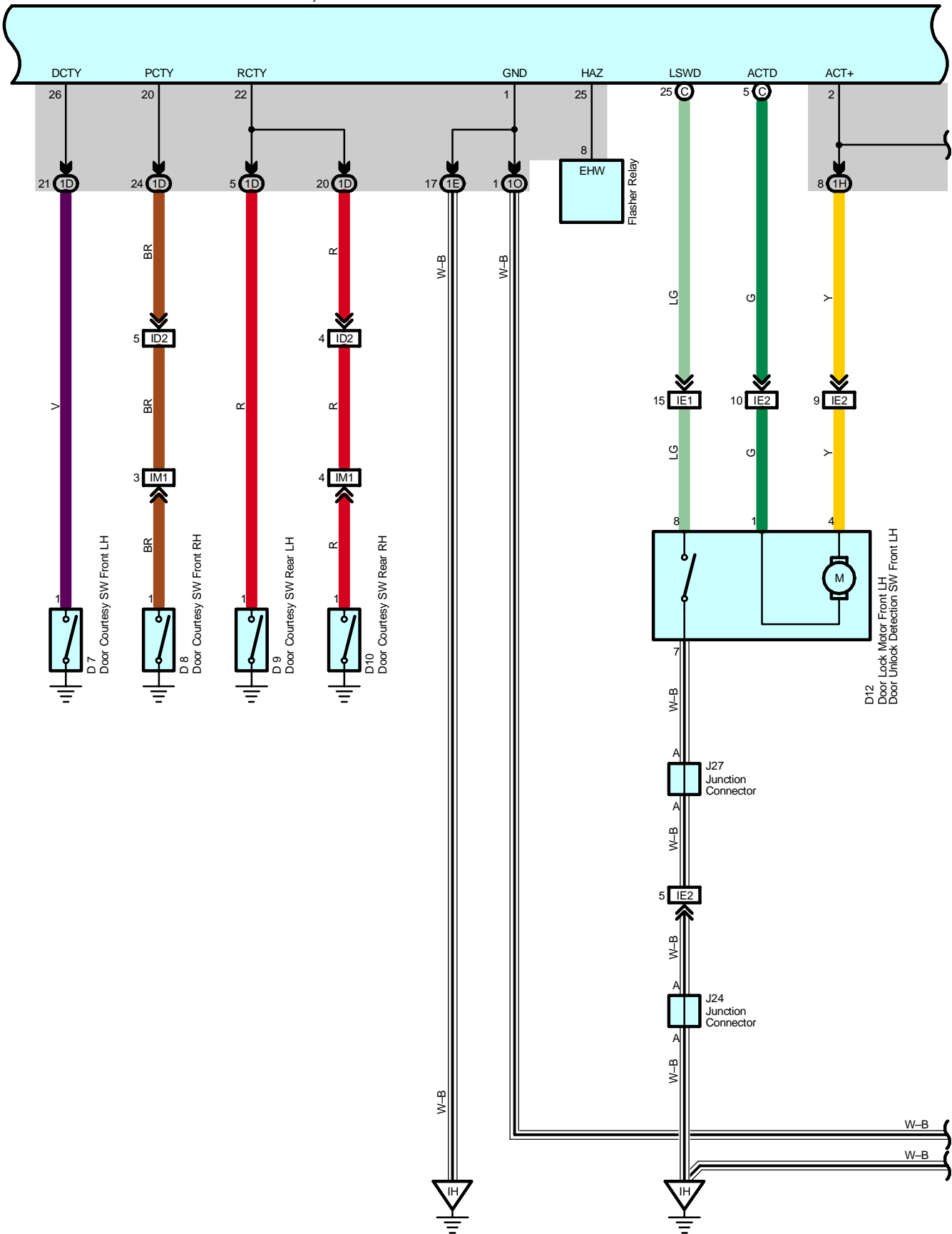


Wireless Door Lock Control without Smart Entry System

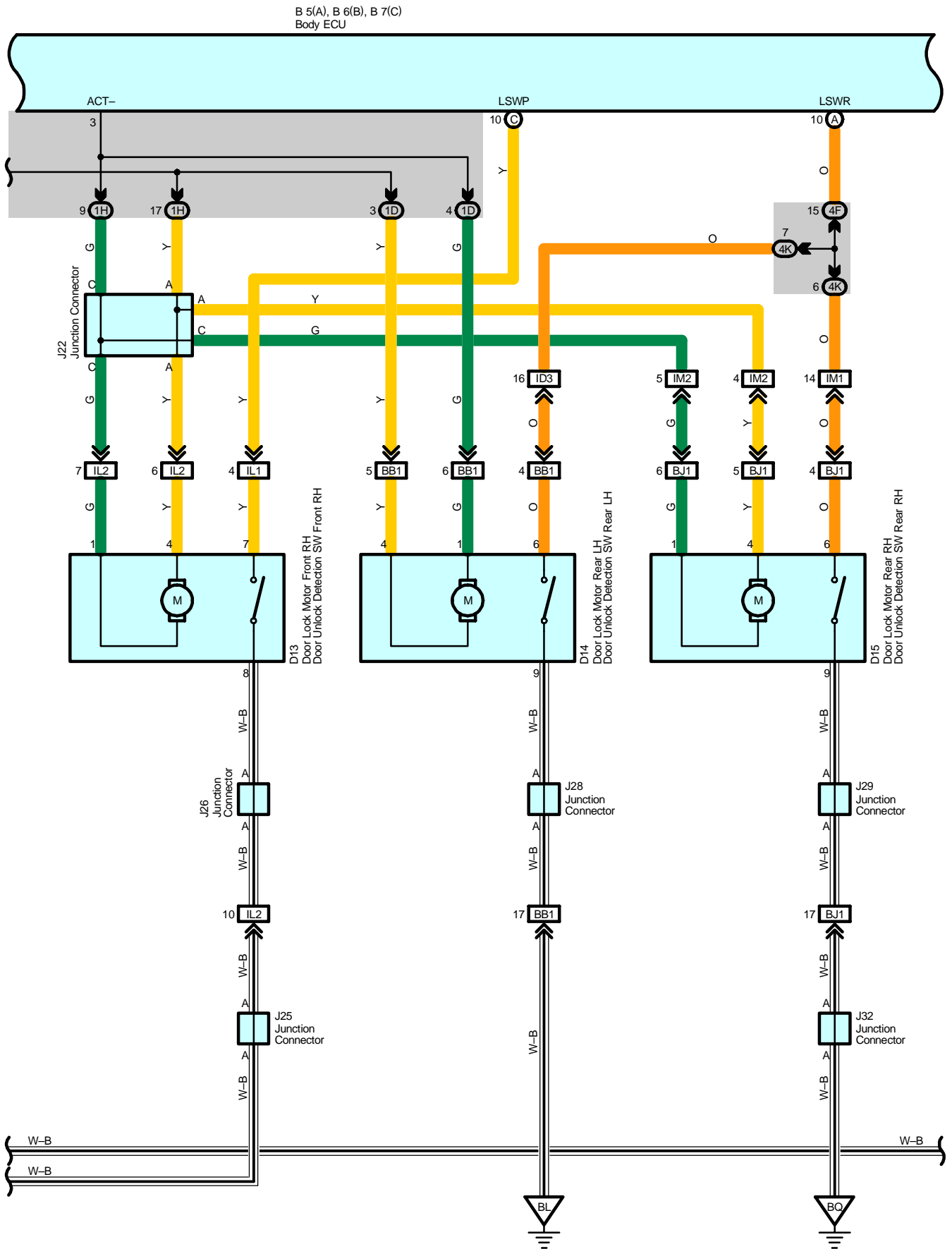


* 1 : w/ HID
* 2 : w/o HID

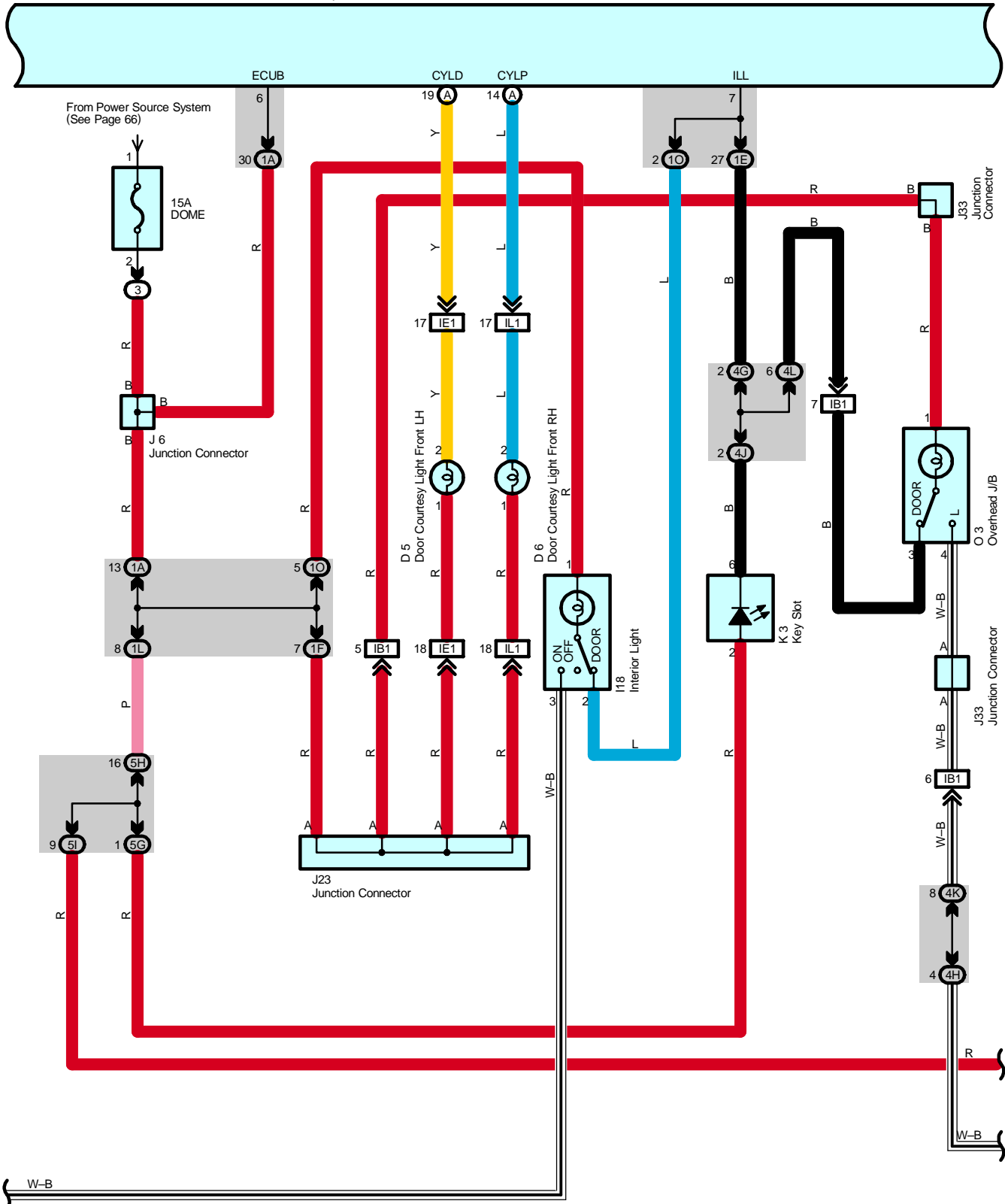
B 5(A), B 6(B), B 7(C)
Body ECU



Wireless Door Lock Control without Smart Entry System

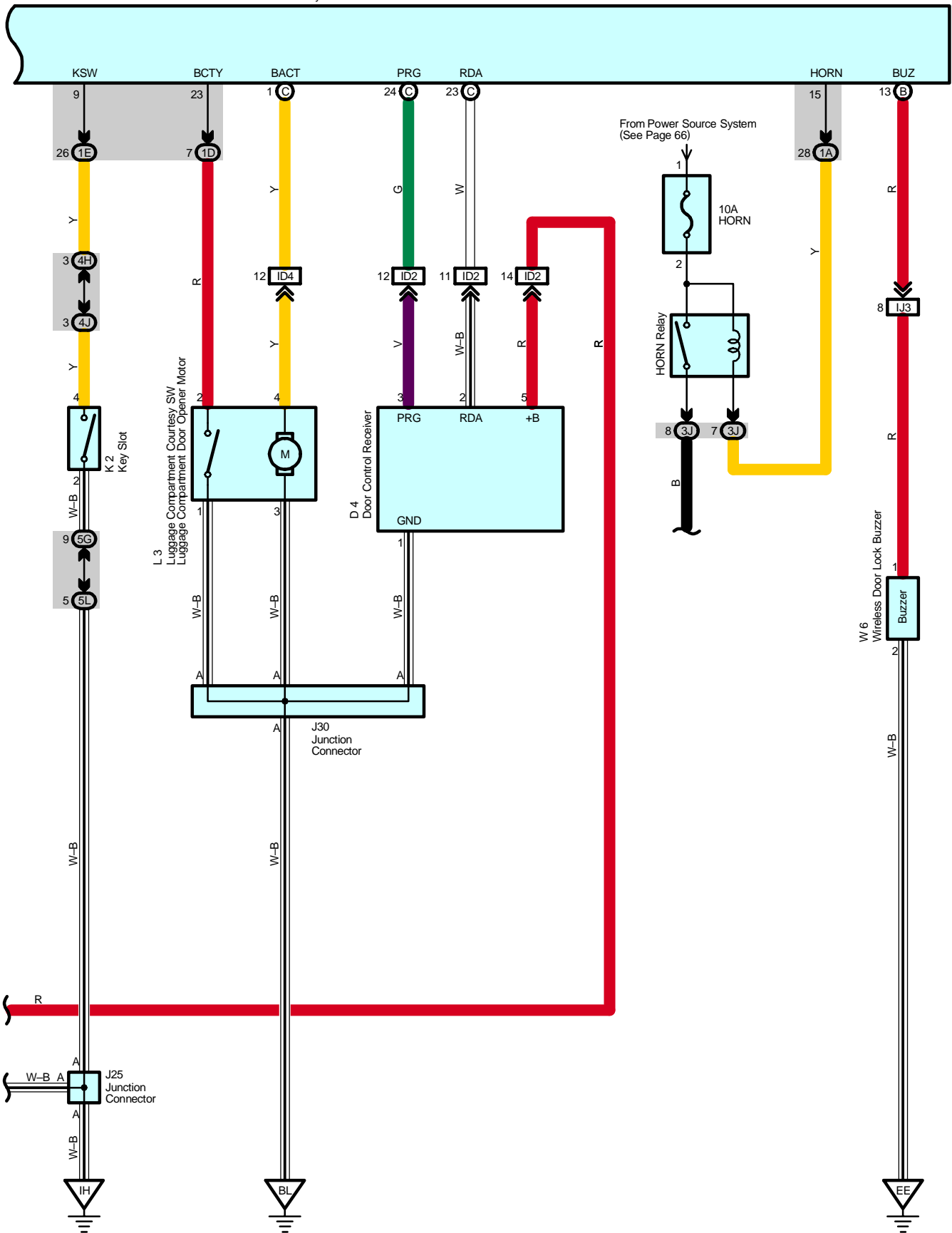


B 5(A), B 6(B), B 7(C)
Body ECU



Wireless Door Lock Control without Smart Entry System

B 5(A), B 6(B), B 7(C)
Body ECU



System Outline

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

1. Normal Operation

- * Lock operation
When the lock SW on the transmitter is pressed, all the doors will lock.
- * Unlock operation
When the unlock SW on the transmitter is pressed once, only the driver door will unlock. When the unlock SW is pressed again within 3 seconds, all the doors will unlock.

2. Auto Lock Function

When the door is not actually opened within 30 seconds after the door has been unlocked by the unlock SW on the transmitter, all the doors will automatically lock. If any one of the following conditions is detected, the wireless door lock does not function.

- * Any door is opened.
- * The electrical key is inserted in the key slot.
- * Power SW is on

3. Wireless Door Lock Stop Function

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

Lock operation

- * When any door is open (Door courtesy SW on)
- * The electrical key is inserted in the key slot (Unlock warning SW on)
- * Power SW is on

Unlock operation

- * Power SW is on
- * The electrical key is inserted in the key slot

4. Visual Confirmation of Lock or Unlock

During lock operation, when the body ECU receives a lock signal from the door lock detection SW, the turn signal light flashes once. During unlock operation, when the body ECU receives an unlock signal from the door lock detection SW, the turn signal light flashes twice.

5. Remote Panic Operation

Panic will function when doors are locked or unlocked, open or closed. When the panic button (Transmitter) is pushed once, interior lights light up, and theft alarm and horn sounds and turn signal lights, headlights and taillights flash. Then, any one of the button (Transmitter) is pushed once again, interior lights turn off, sounding and flashing will stop. Panic will not function when power SW is on.

6. Repeat Function

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

7. Illuminated Entry Function

When the body ECU detects the unlock state after the unlock operation has been made, it lights up the key slot, overhead J/B, power SW and interior light for approx. 15 sec. If all the doors are locked during this operation, lighting is cancelled and the lights immediately fade out.

Service Hints

Body ECU

- 4, 6-Ground : Always approx. 12 volts
- 5-Ground : Approx. 12 volts with the power SW at IG ON position
- 1-Ground : Always continuity

D4 Door Control Receiver

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

Wireless Door Lock Control without Smart Entry System

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
B5	A 46	D13	50	J27	51
B6	B 46	D14	50	J28	51
B7	C 46	D15	50	J29	51
D1	47	I18	51	J30	51
D4	50	J6	48	J32	51
D5	50	J7	A 48	J33	51
D6	50	J8	B 48	K2	48
D7	50	J22	48	K3	48
D8	50	J23	48	L3	51
D9	50	J24	48	O3	52
D10	50	J25	48	T1	45
D12	50	J26	51	W6	45

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
3	22	Engine Room R/B (Engine Compartment Left)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	28	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1B		
1D	28	Floor Wire and Driver Side J/B (Lower Finish Panel)
1E	28	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1F		
1H		
1L		
1O	28	Roof Wire and Driver Side J/B (Lower Finish Panel)
3B	22	Engine Room Main Wire and Engine Room J/B (Engine Compartment Left)
3D		
3J		
4F	36	Instrument Panel Wire and Center Connector No.1 (Behind the Combination Meter)
4G		
4H		
4I		
4J		
4K		
4L		
5G	40	Instrument Panel Wire and Center Connector No.2 (Instrument Panel Brace RH)
5H		
5I		
5L		
5M		

 : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	56	Engine Room Main Wire and Instrument Panel Wire (Upper Parts of Front Body Pillar LH)
IB1	56	Roof Wire and Instrument Panel Wire (Upper Parts of Front Body Pillar LH)
ID2	56	Instrument Panel Wire and Floor Wire (Left Kick Panel)
ID3		
ID4		
IE1	56	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IE2		
IJ3	58	Engine Room Main Wire and Instrument Panel Wire (Behind the Glove Box)
IL1	58	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IL2		
IM1	58	Instrument Panel Wire and Floor No.2 Wire (Right Kick Panel)
IM2		
BB1	60	Rear Door No.2 Wire and Floor Wire (Left Center Pillar)
BJ1	62	Rear Door No.1 Wire and Floor No.2 Wire (Right Center Pillar)

 : Ground Points

Code	See Page	Ground Points Location
EE	54	Left Side of the Suspension Tower
IH	56	Cowl Side Panel LH
BL	60	Rear Side of Left Quarter Panel
BQ	60	Rear Side of Right Quarter Panel