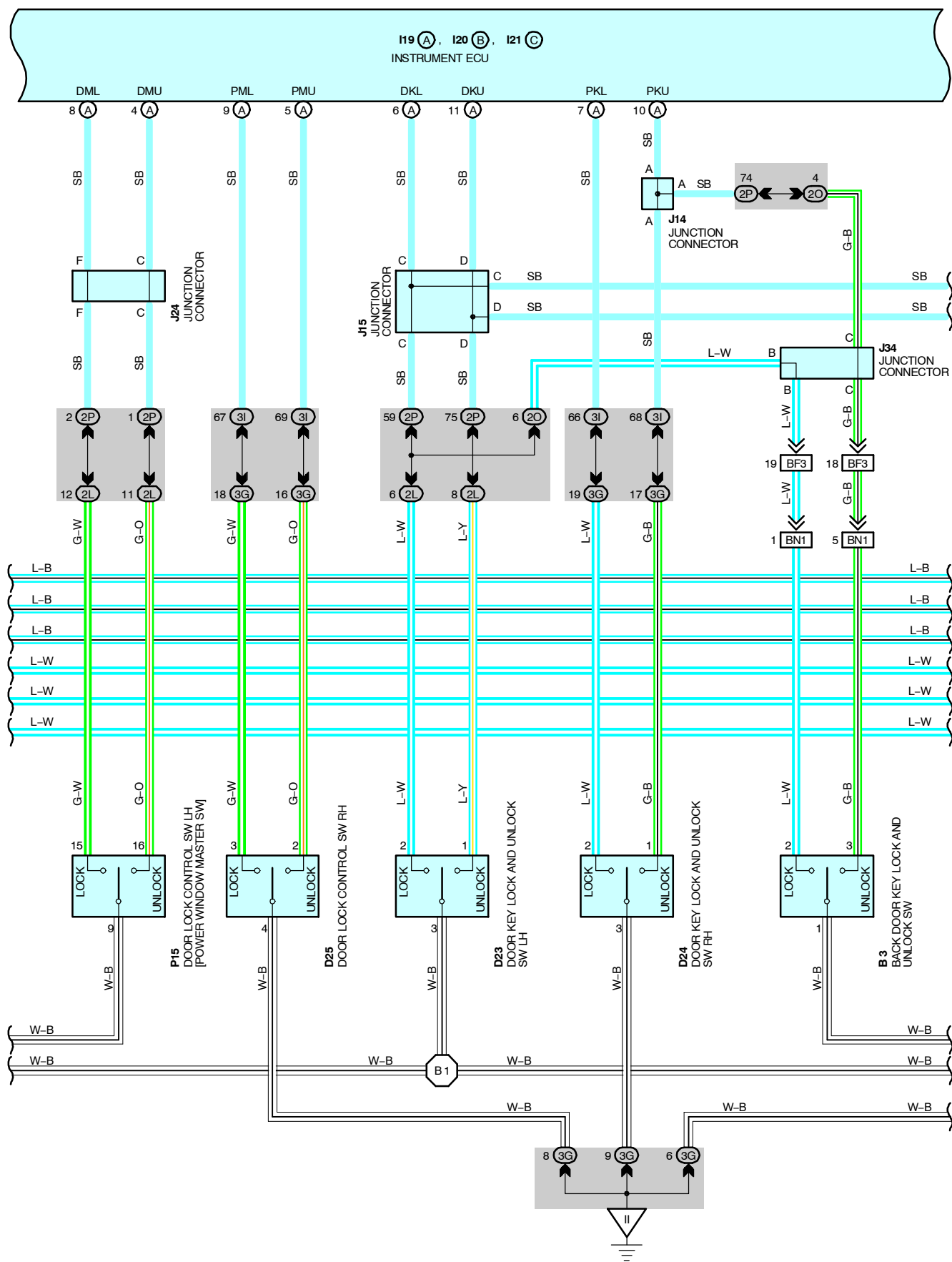
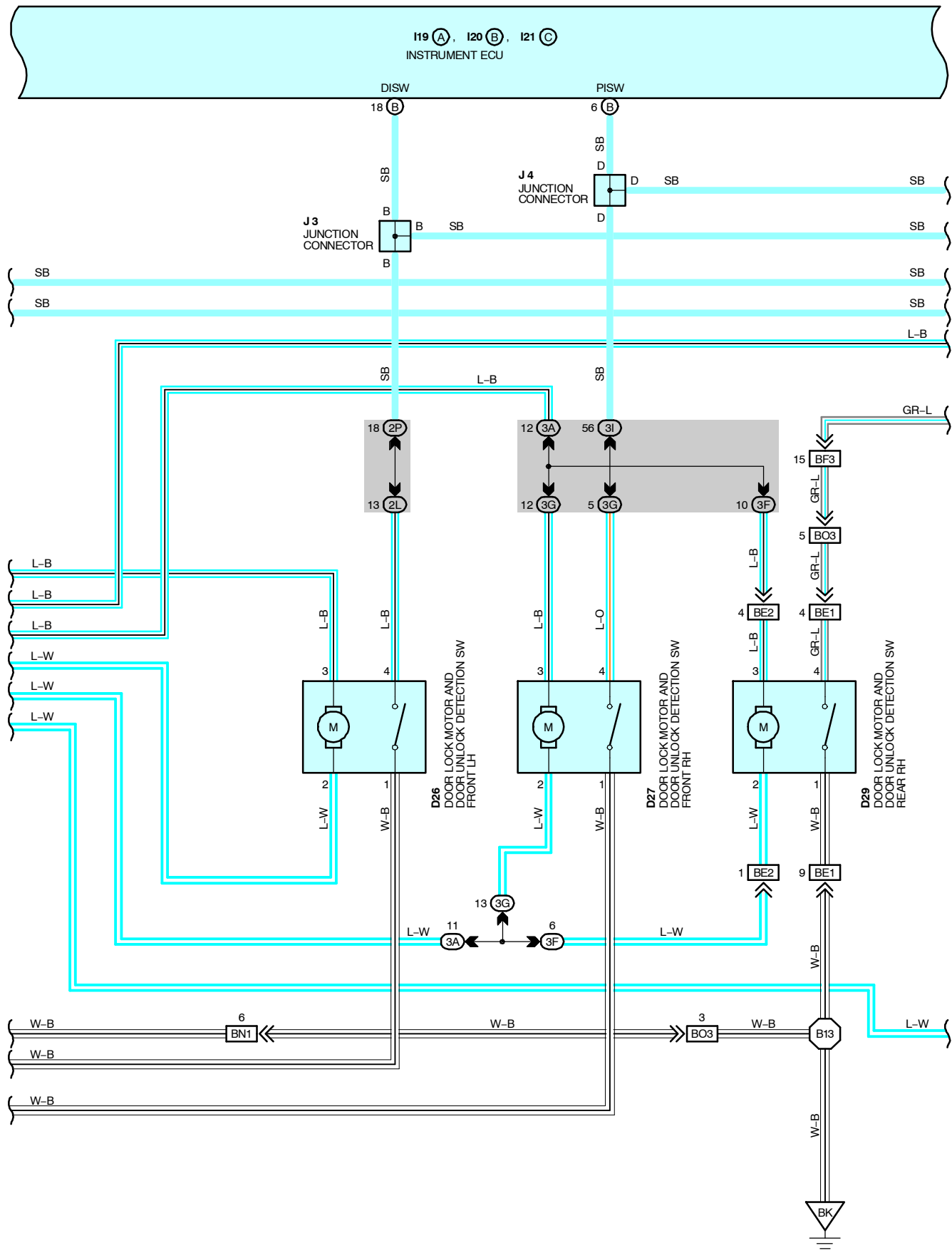
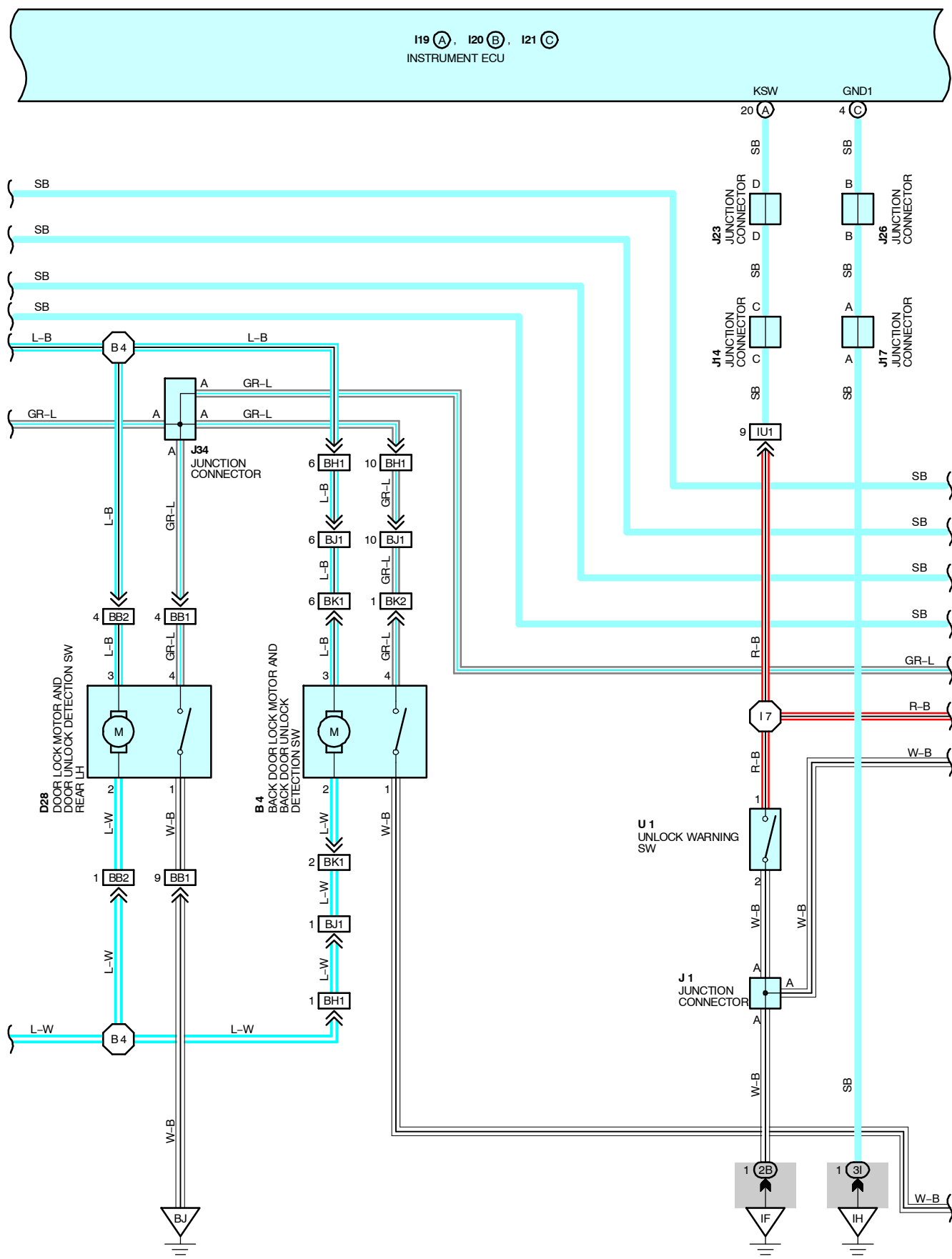




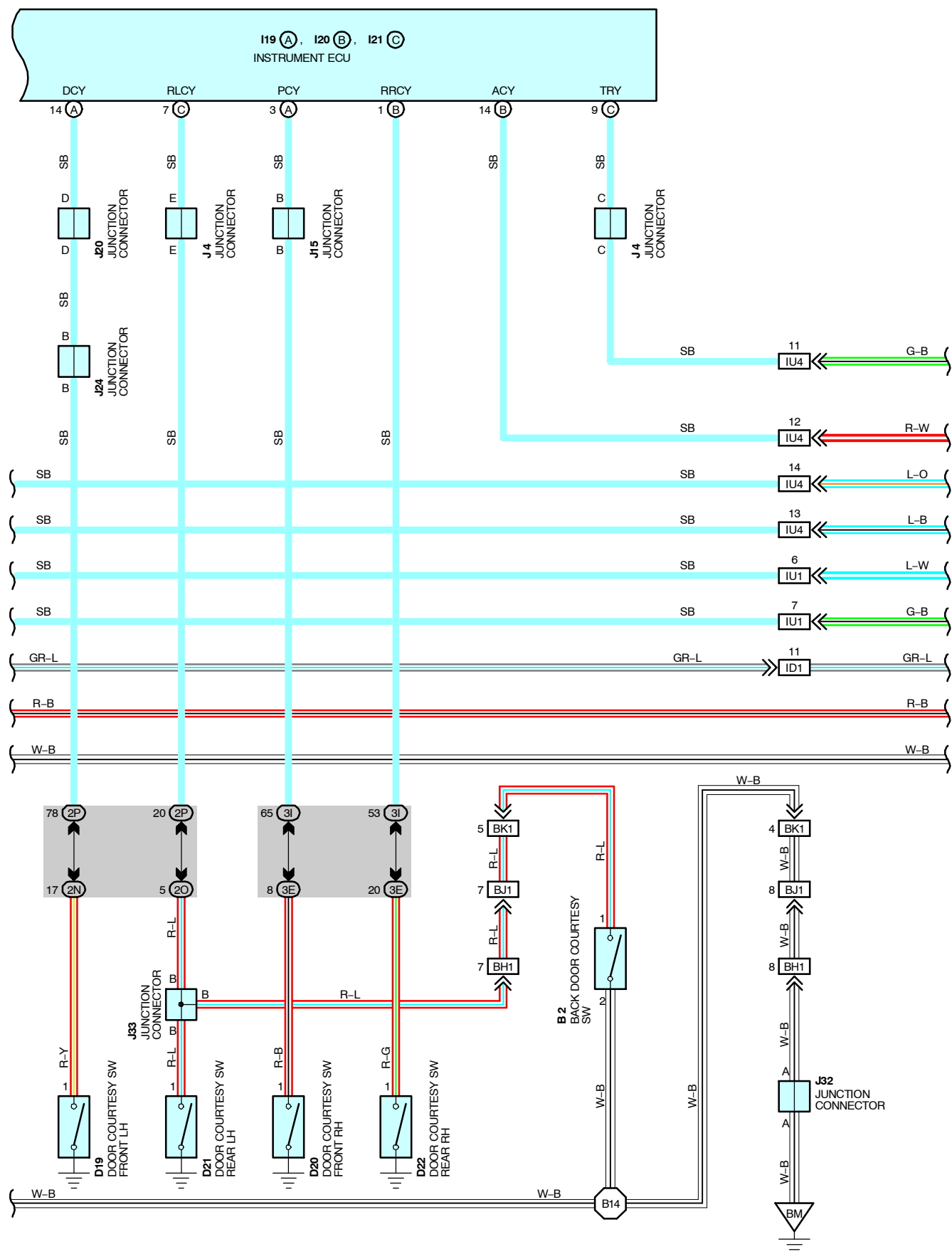


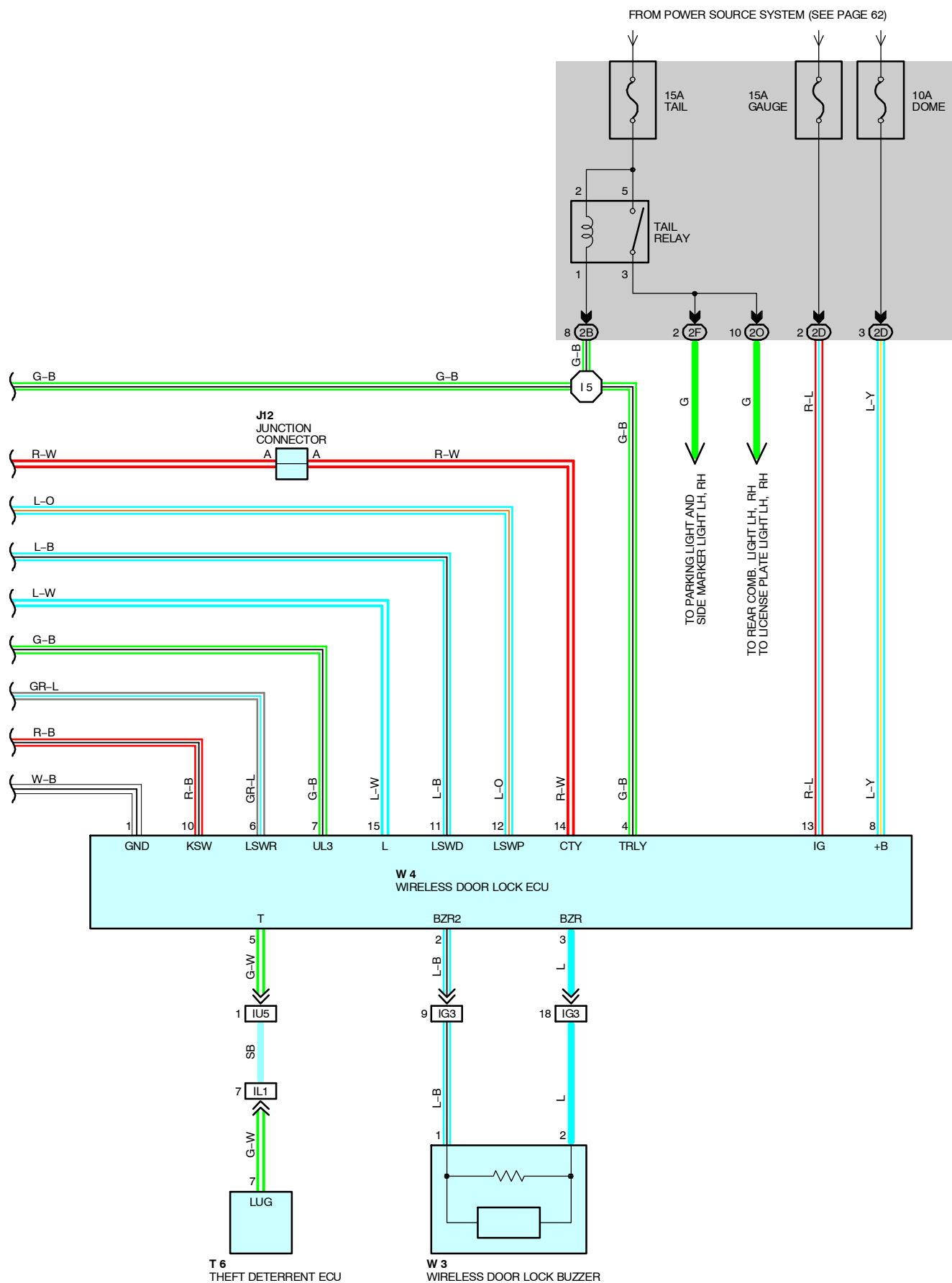
WIRELESS DOOR LOCK CONTROL





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WIRELESS DOOR LOCK CONTROL

SYSTEM OUTLINE

In this system, the wireless door lock ECU receives weak radio wave transmitted from the transmitter built into the ignition key, and outputs a signal to the instrument ECU. Accordingly, all the doors 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

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

* Any door is opened.

* The ignition key is inserted into the ignition SW.

* When the unlock detection SW of all the doors are locked.

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. BUZZER SOUND FUNCTION

During lock operation, when the wireless door lock ECU receives a lock signal from the door unlock detection SW, the wireless door lock buzzer goes on once. During unlock operation, when the wireless door lock ECU receives an unlock signal from the door unlock detection SW, the wireless door lock buzzer goes on twice.

With any door open, when the wireless door lock ECU receives a lock signal from the transmitter, the wireless door lock buzzer goes on for approx. **10** seconds. If the door is closed, or if the unlock signal is received from the transmitter while the buzzer is on, the buzzer stops.

5. VISUAL CONFIRMATION OF LOCK OR UNLOCK

During lock operation, when the wireless door lock ECU receives a lock signal from the door unlock detection SW, the taillight and parking light is flashed once. During unlock operation, when the wireless door lock ECU receives an unlock signal from the door unlock detection SW, the taillight and parking light is flashed twice.

6. PANIC MODE FUNCTION

When the panic SW on the transmitter is pressed, the wireless door lock ECU receives a signal and enters the panic mode. The signal input into the theft deterrent ECU from the wireless door lock ECU turns on the theft deterrent horn and flashes the taillight and headlight. When the panic SW or the unlock SW of the transmitter is pressed during the panic mode, the panic mode is canceled, and the theft deterrent horn stops, and the taillight and headlight are turned off.

7. 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

W4 WIRELESS DOOR LOCK ECU

1-GROUND Always continuity

8-GROUND Always approx. **12** volts

13-GROUND Approx. **12** volts with ignition SW at **ON** or **ST** position

D26, D27, D28, D29 DOOR LOCK MOTOR AND DOOR UNLOCK DETECTION SW FRONT LH, RH, REAR, LH, RH

2-GROUND Approx. **12** volts with door lock motor at lock operation

3-GROUND Approx. **12** volts with door lock motor at unlock operation

B4 BACK DOOR LOCK MOTOR AND BACK DOOR UNLOCK DETECTION SW

2-GROUND Approx. **12** volts with door lock motor at lock operation

3-GROUND Approx. **12** volts with door lock motor at unlock operation

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B2	40	D29	40	J24	39
B3	40	I19 A	38	J25	39
B4	40	I20 B	38	J26	39
D19	40	I21 C	38	J32	40
D20	40	J1	39	J33	40
D21	40	J3	39	J34	40
D22	40	J4	39	P15	41
D23	40	J12	39	T6	39
D24	40	J14	39	U1	39
D25	40	J15	39	W3	37
D26	40	J17	39	W4	39
D27	40	J20	39		
D28	40	J23	39		

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
2B	24	Dash Wire and Cowl Side J/B LH (Left Kick Panel)
2D		
2E	24	Engine Room No. 2 Wire and Cowl Side J/B LH (Left Kick Panel)
2F		
2L	24	Front Door LH Wire and Cowl Side J/B LH (Left Kick Panel)
2M		
2N	24	Floor Wire and Cowl Side J/B LH (Left Kick Panel)
2O		
2P	26	Instrument Panel Integration Wire and Cowl Side J/B LH (Left Kick Panel)
3A	30	Engine Room No. 2 Wire and Cowl Side J/B RH (Right Kick Panel)
3E	30	Floor No. 2 Wire and Cowl Side J/B RH (Right Kick Panel)
3F		
3G	30	Front Door RH Wire and Cowl Side J/B RH (Right Kick Panel)
3I	30	Instrument Panel Integration Wire and Cowl Side J/B RH (Right Kick Panel)

□ : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

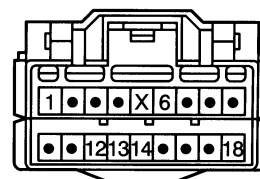
Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
ID1	46	Dash Wire and Floor Wire (Left Kick Panel)
IG3	48	Engine Room No. 2 Wire and Dash Wire (Behind the Combination Meter)
IL1	48	Instrument Panel Integration Wire and Computer Wire (Instrument Panel Center)
IU1	50	Instrument Panel Integration Wire and Dash Wire (Behind the Glove Box)
IU4		
IU5		
BB1	54	Rear Door LH Wire and Floor Wire (Left Side of Center Pillar)
BB2		
BE1	54	Rear Door RH Wire and Floor No. 2 Wire (Right Side of Center Pillar)
BE2		
BF3	54	Floor No. 3 Wire and Floor Wire (Left Rear Side Quarter Panel)
BH1	54	Luggage Room Wire and Floor Wire (Left Rear Side Quarter Panel)
BJ1	56	Pillar No. 1 Wire and Luggage Room Wire (Left Rear Side Roof Panel)
BK1	56	Pillar No. 1 Wire and Back Door Upper Wire (Left Side of Back Door)
BK2		
BN1	56	Back Door Lower Wire and Floor No. 3 Wire (Right Side of Rear Floor Crossmember)
BO3	56	Floor No. 2 Wire and Floor No. 3 Wire (Right Side of Rear Floor Crossmember)



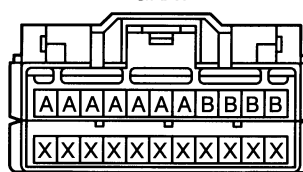
D25



120 (B)

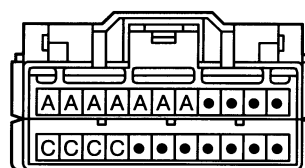


J3
GRAY

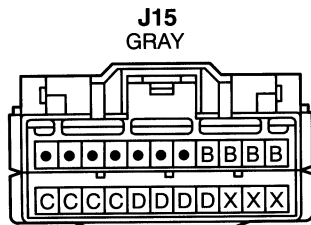


(Hint : See Page 7)

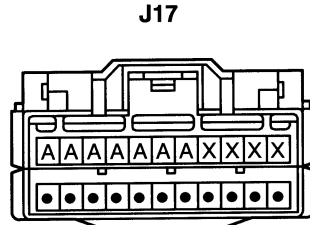
J14



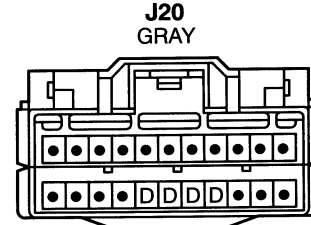
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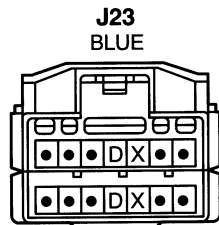
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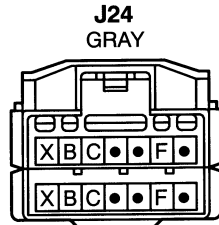
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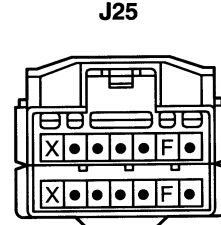
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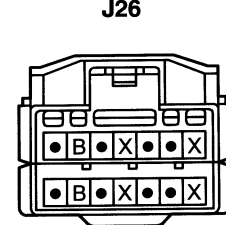
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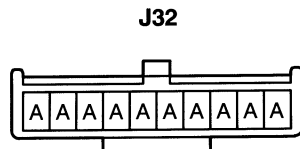
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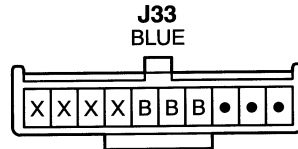
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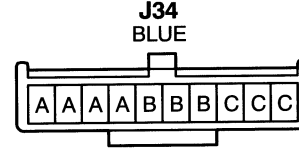
(Hint : See Page 7)



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