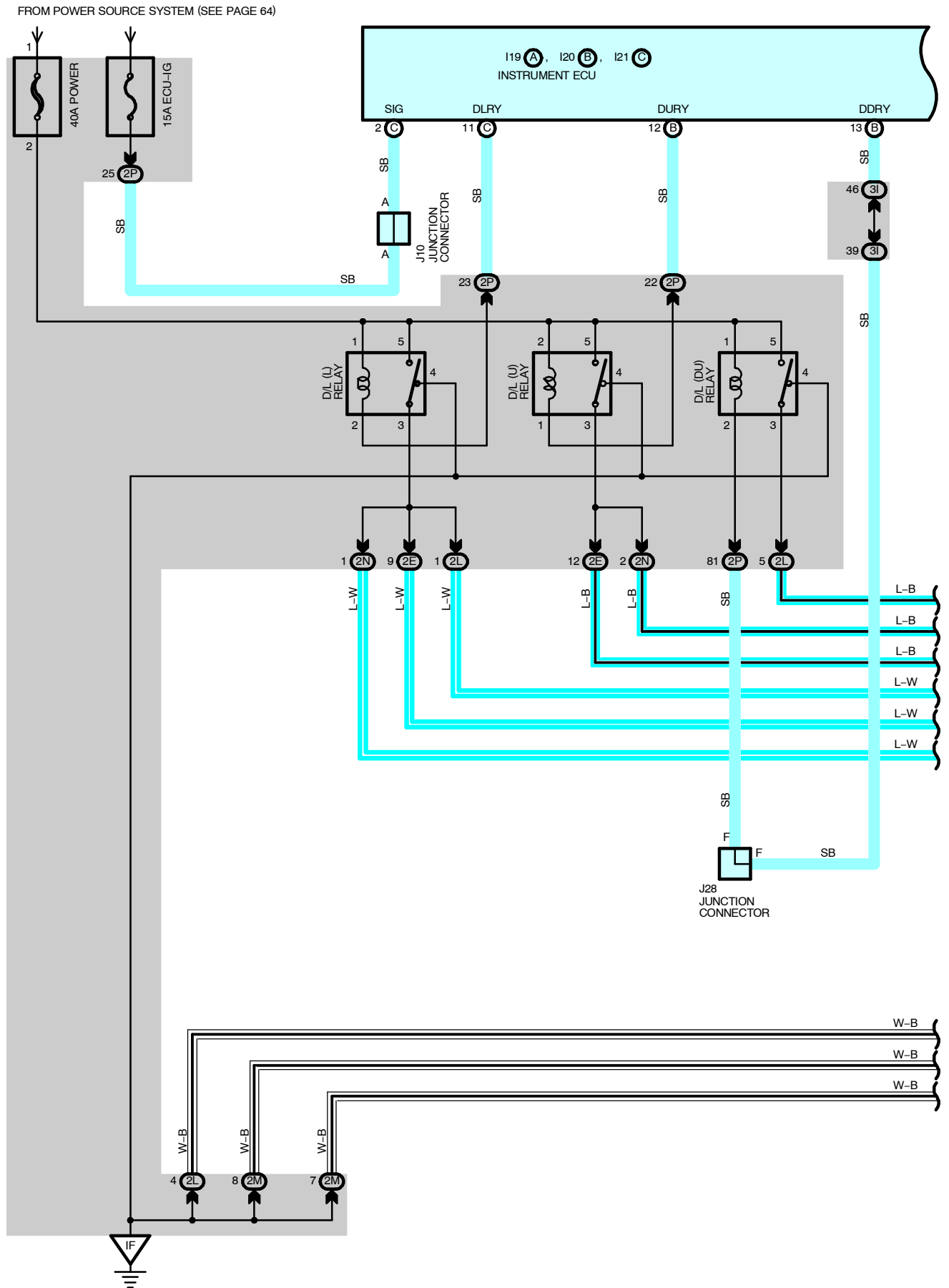
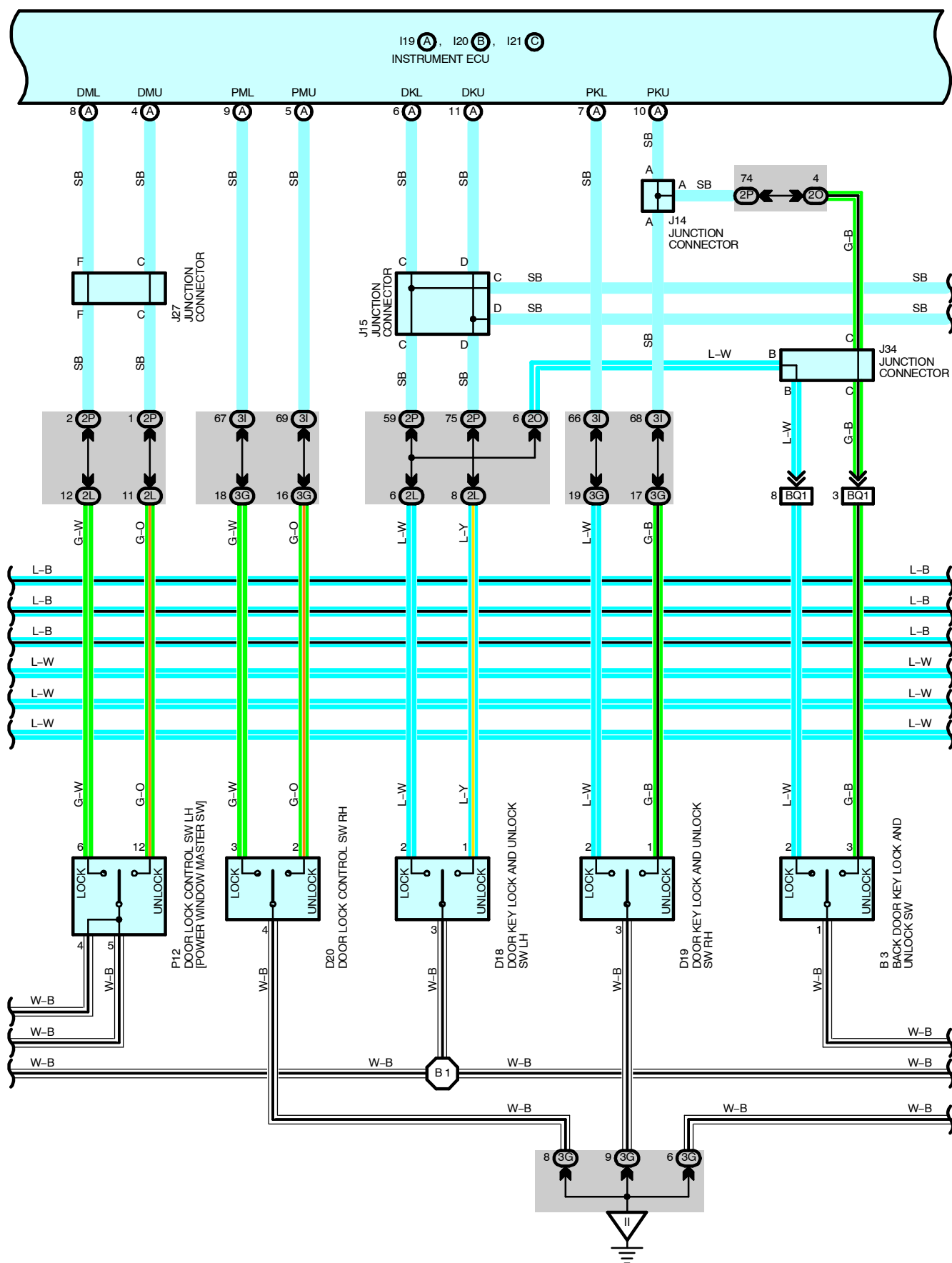
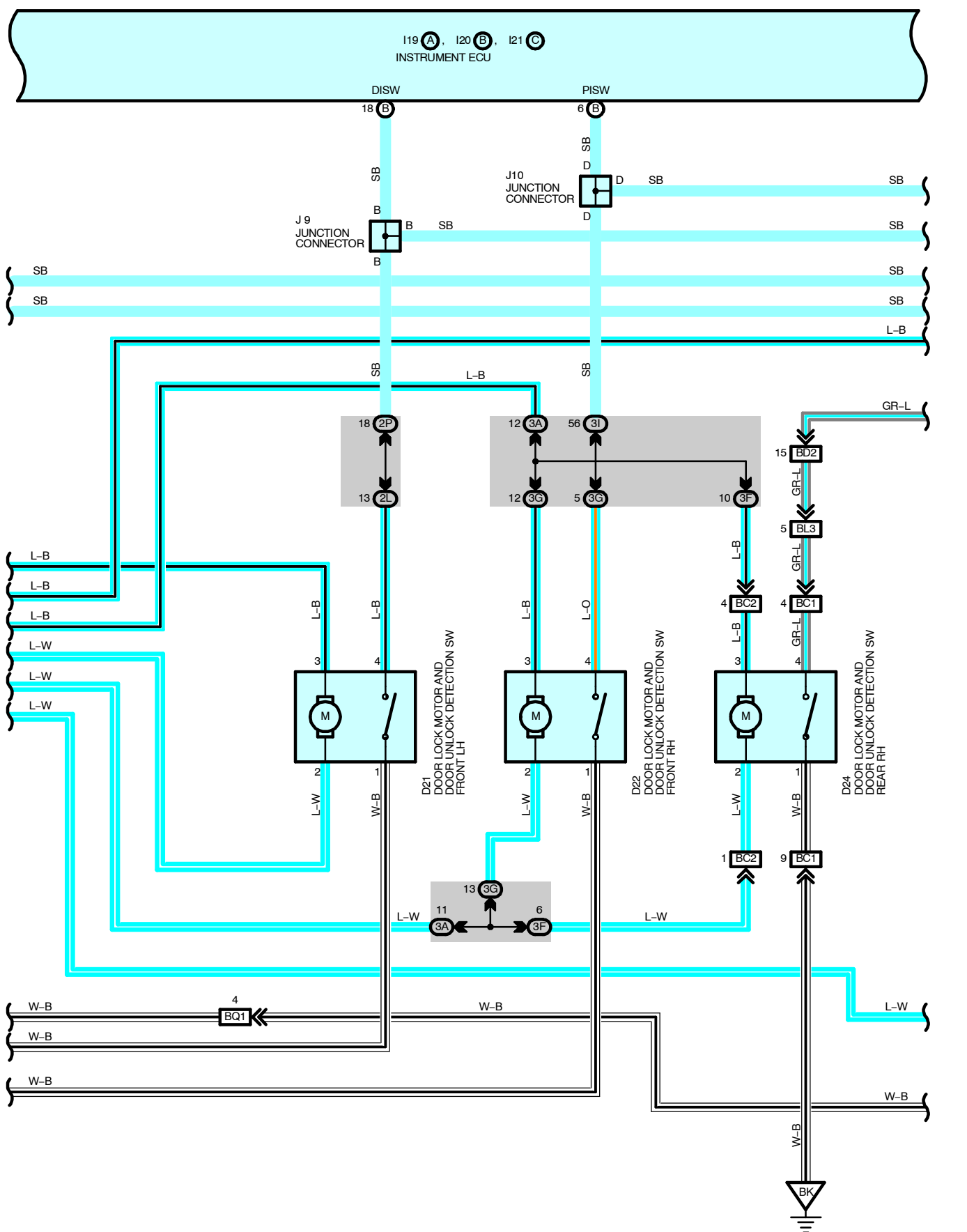
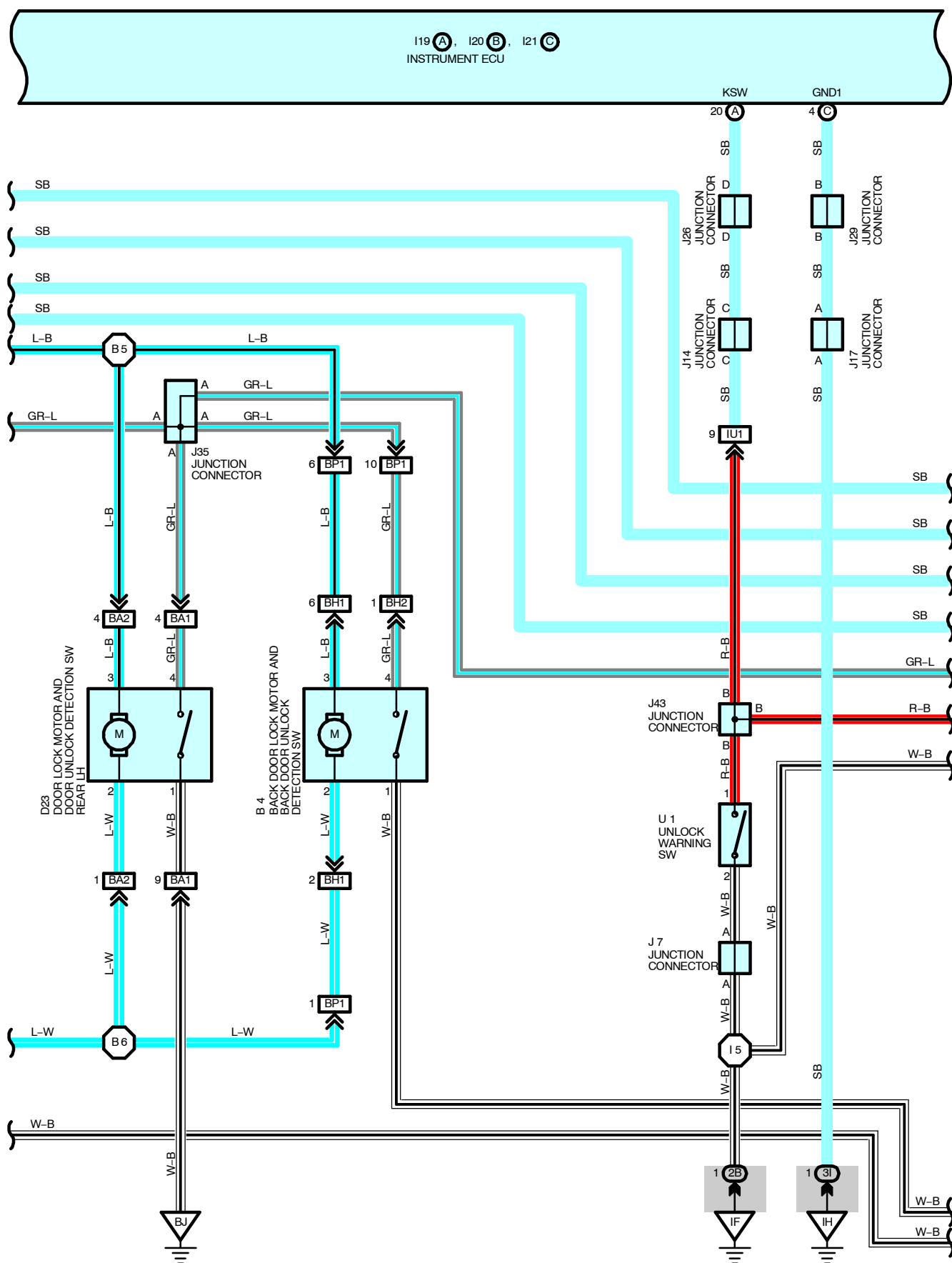


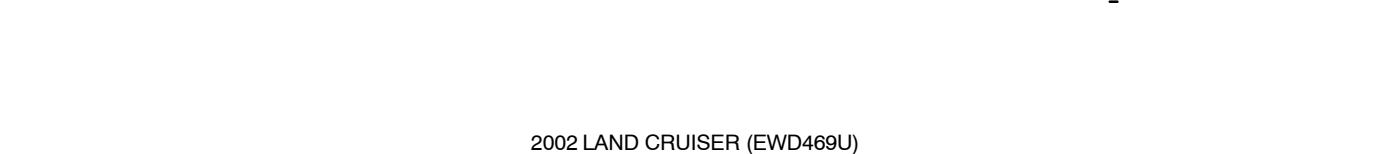
WIRELESS DOOR LOCK CONTROL

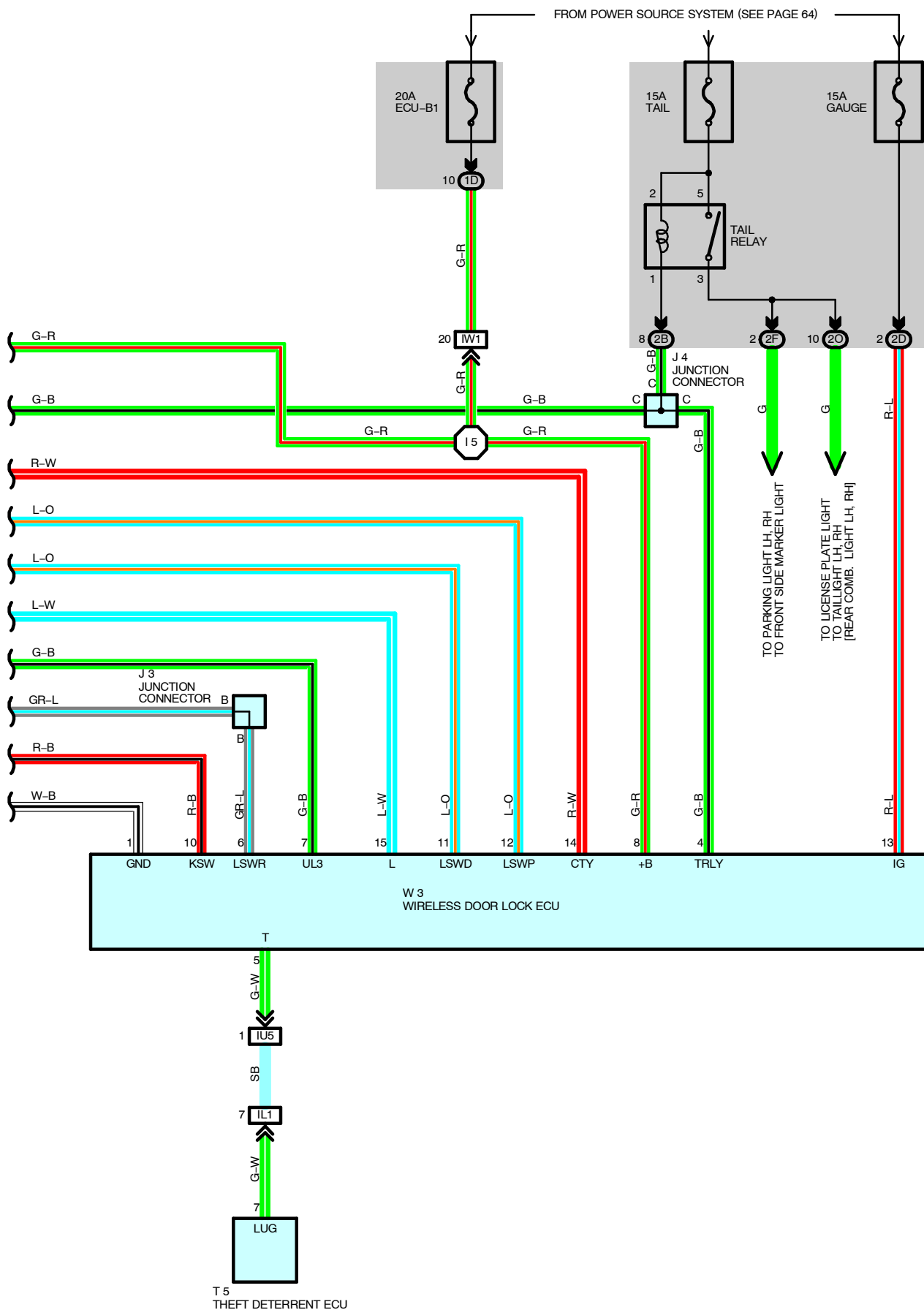












WIRELESS DOOR LOCK CONTROL

SYSTEM OUTLINE

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

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. 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.

5. 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.

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

W3 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

D21, D22, D23, D24 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

I19 (A), I20 (B), I21 (C) INSTRUMENT ECU

- (A) 3-GROUND : Continuity with front passenger door open
- (A) 14-GROUND : Continuity with driver door open
- (B) 1-GROUND : Continuity with rear RH door open
- (C) 7-GROUND : Continuity with rear LH door or back door open
- (C) 1-GROUND : Always approx. 12 volts
- (C) 2-GROUND : Approx. 12 volts with ignition SW at **ON** or **ST** position
- (C) 4-GROUND : Always continuity

D14, D15, D16, D17 DOOR COURTESY SW FRONT LH, RH, REAR LH, RH

- 1-GROUND : Closed with door open

B2 BACK DOOR COURTESY SW

- 1-2 : Closed with back door open

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B2	42	D24	42	J19	41
B3	42	I19 A	40	J26	41
B4	42	I20 B	40	J27	41
D14	42	I21 C	40	J28	41
D15	42	J1	41	J29	41
D16	42	J3	41	J32	42
D17	42	J4	41	J33	42
D18	42	J7	41	J34	42
D19	42	J9	41	J43	41
D20	42	J10	41	P12	43
D21	42	J14	41	T5	41
D22	42	J15	41	U1	41
D23	42	J17	41	W3	41

WIRELESS DOOR LOCK CONTROL

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1D	23	Engine Room No.2 Wire and Engine Room J/B (Engine Compartment Left)
2B	26	Dash Wire and Cowl Side J/B LH (Left Kick Panel)
2D		
2E	26	Engine Room No.2 Wire and Cowl Side J/B LH (Left Kick Panel)
2F		
2L	26	Front Door LH Wire and Cowl Side J/B LH (Left Kick Panel)
2M		
2N	26	Floor Wire and Cowl Side J/B LH (Left Kick Panel)
2O		
2P	28	Instrument Panel Integration Wire and Cowl Side J/B LH (Left Kick Panel)
3A	32	Engine Room No.2 Wire and Cowl Side J/B RH (Right Kick Panel)
3E	32	Floor No.2 Wire and Cowl Side J/B RH (Right Kick Panel)
3F		
3G	32	Front Door RH Wire and Cowl Side J/B RH (Right Kick Panel)
3I	32	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	48	Dash Wire and Floor Wire (Left Kick Panel)
IL1	50	Instrument Panel Integration Wire and Computer Wire (Instrument Panel Center)
IU1	52	Instrument Panel Integration Wire and Dash Wire (Behind the Glove Box)
IU4		
IU5		
IW1	54	Engine Room No.2 Wire and Dash Wire (Behind the Glove Box)
BA1	56	Rear Door LH Wire and Floor Wire (Left Side of Center Pillar)
BA2		
BC1	56	Rear Door RH Wire and Floor No.2 Wire (Right Side of Center Pillar)
BC2		
BD2	56	Floor No.3 Wire and Floor Wire (Left Rear Side Quarter Panel)
BH1	58	Pillar No.1 Wire and Back Door Upper Wire (Left Side of Back Door)
BH2		
BL3	58	Floor No.2 Wire and Floor No.3 Wire (Right Side of Rear Floor Crossmember)
BP1	58	Pillar No.1 Wire and Floor Wire (Left Rear Side Quarter Panel)
BQ1	58	Back Door Lower Wire and Floor Wire (Left Rear Side Quarter Panel)

: GROUND POINTS

Code	See Page	Ground Points Location
IF	48	Set Bolt of Cowl Side J/B LH
IH	48	Set Bolt of Cowl Side J/B RH
II		
BJ	56	Under the Driver's Seat
BK	56	Front Side Under the Front Passenger's Seat
BM	56	Left Rear Side Quarter Panel

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	50	Dash Wire	B6	58	Floor Wire
B1	58	Front Door LH Wire	B15	58	Back Door Upper Wire
B5	58	Floor Wire			

