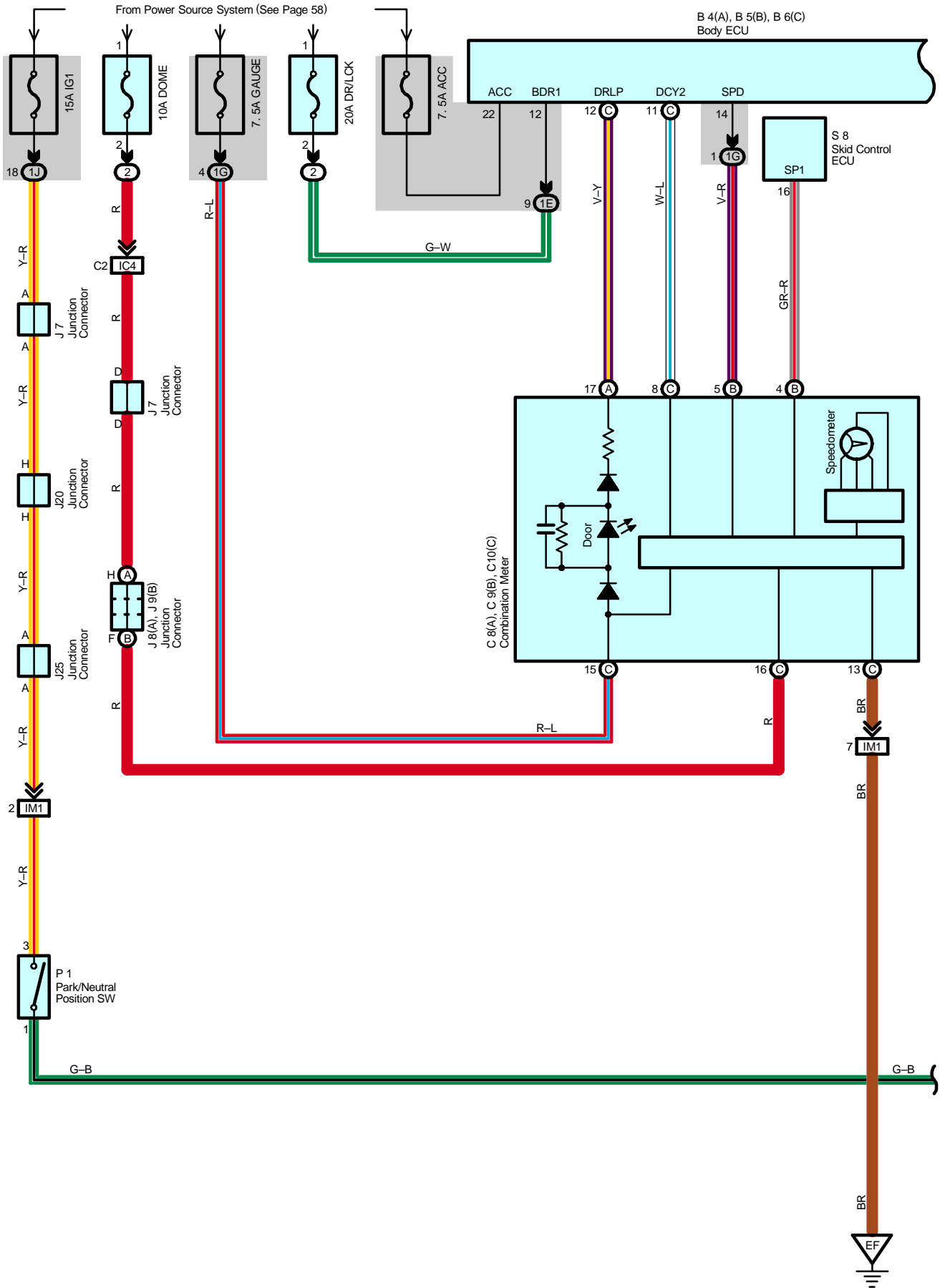
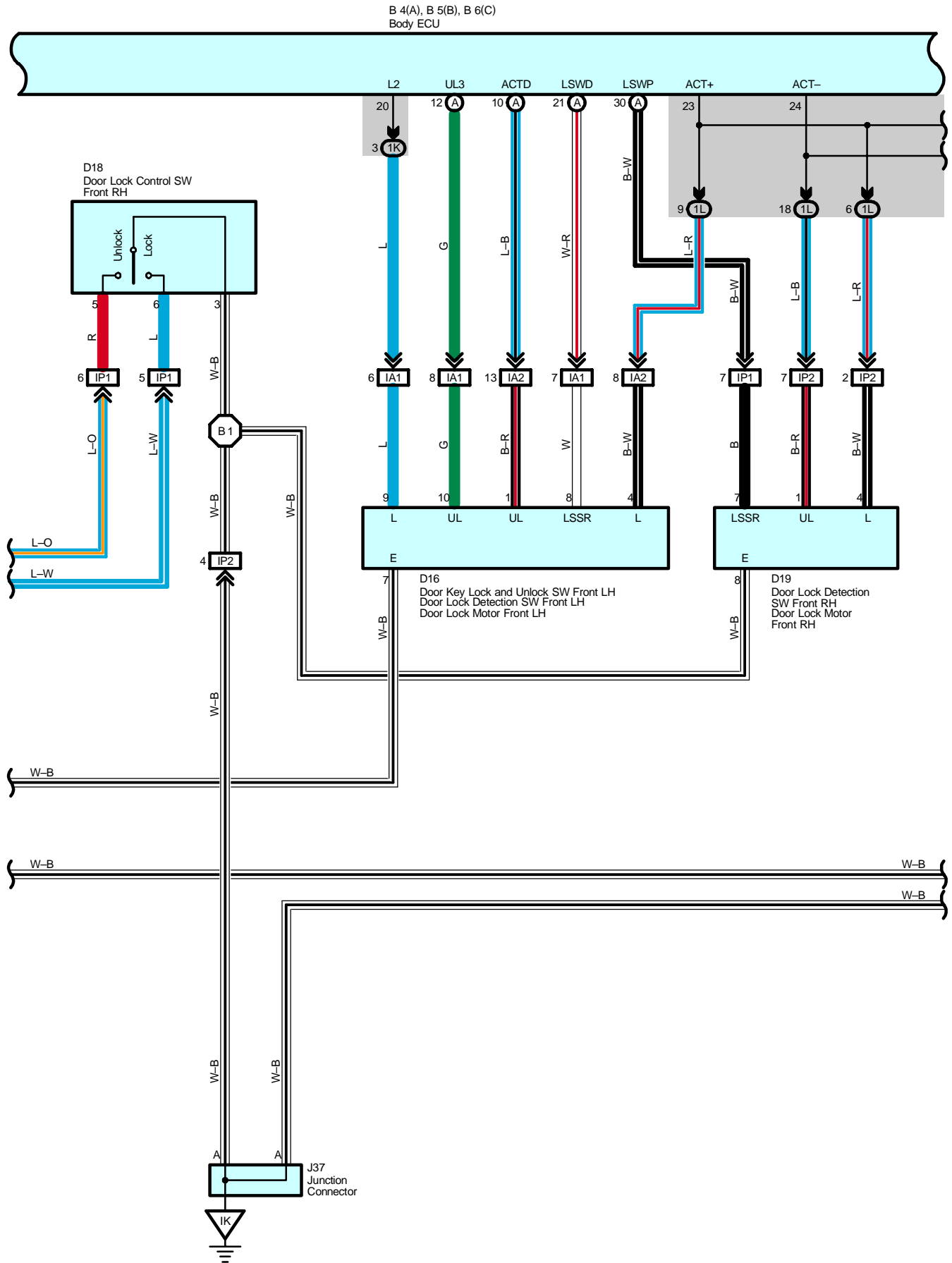


# Door Lock Control

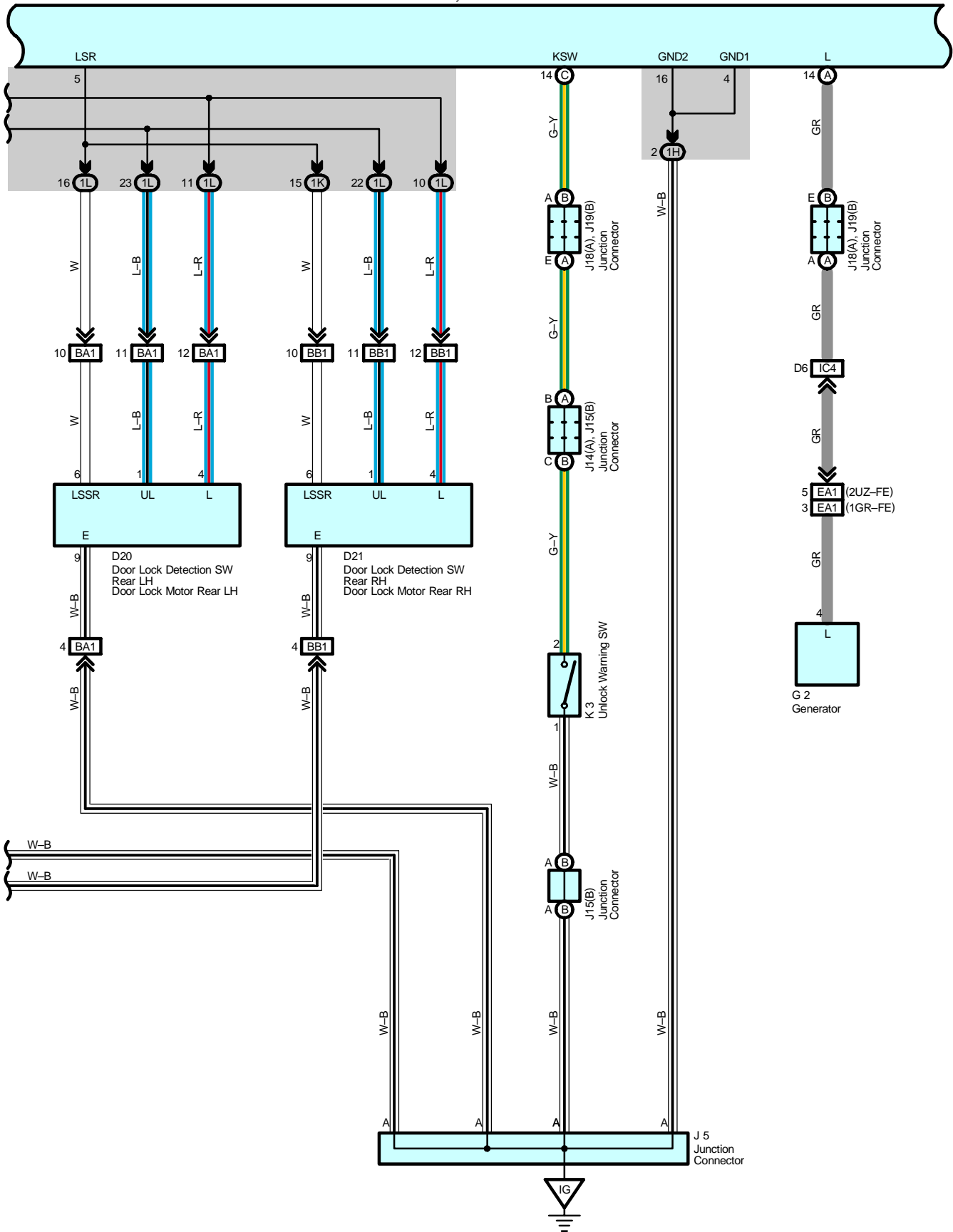




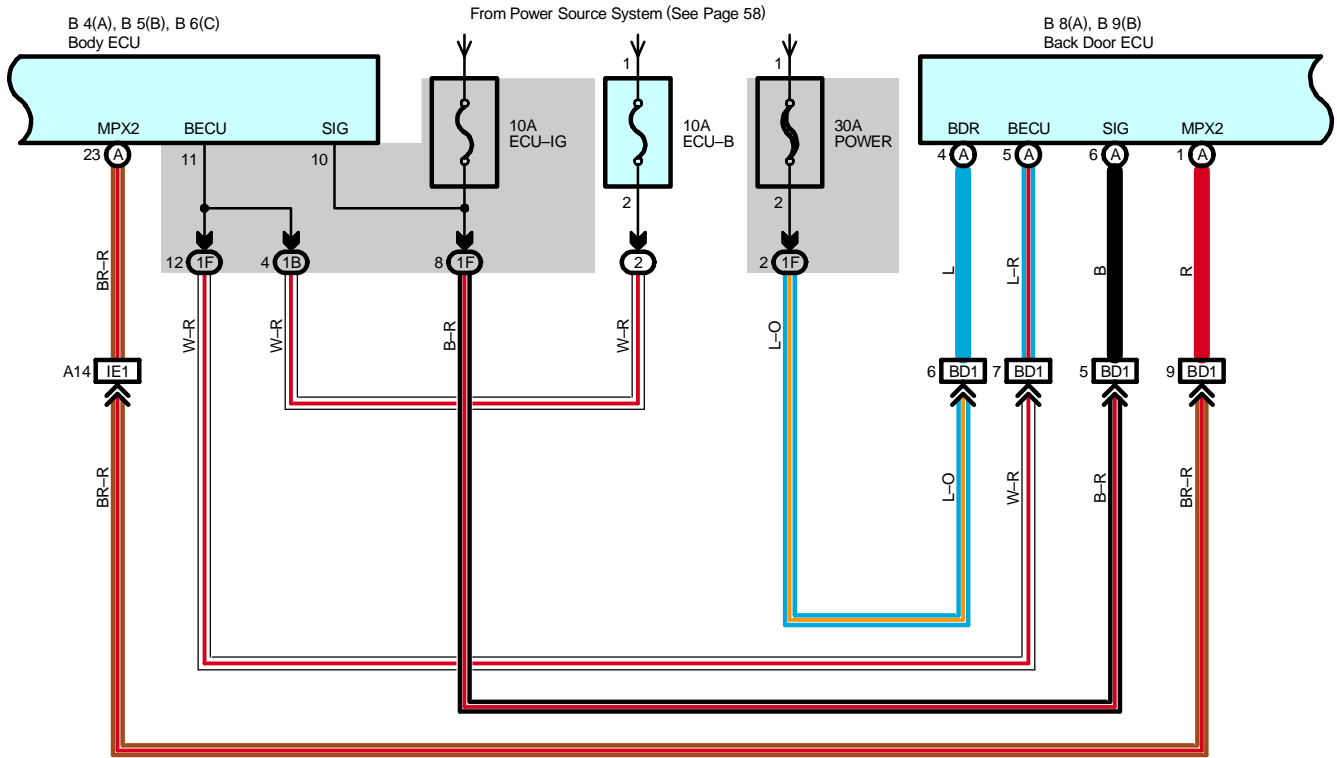
# Door Lock Control

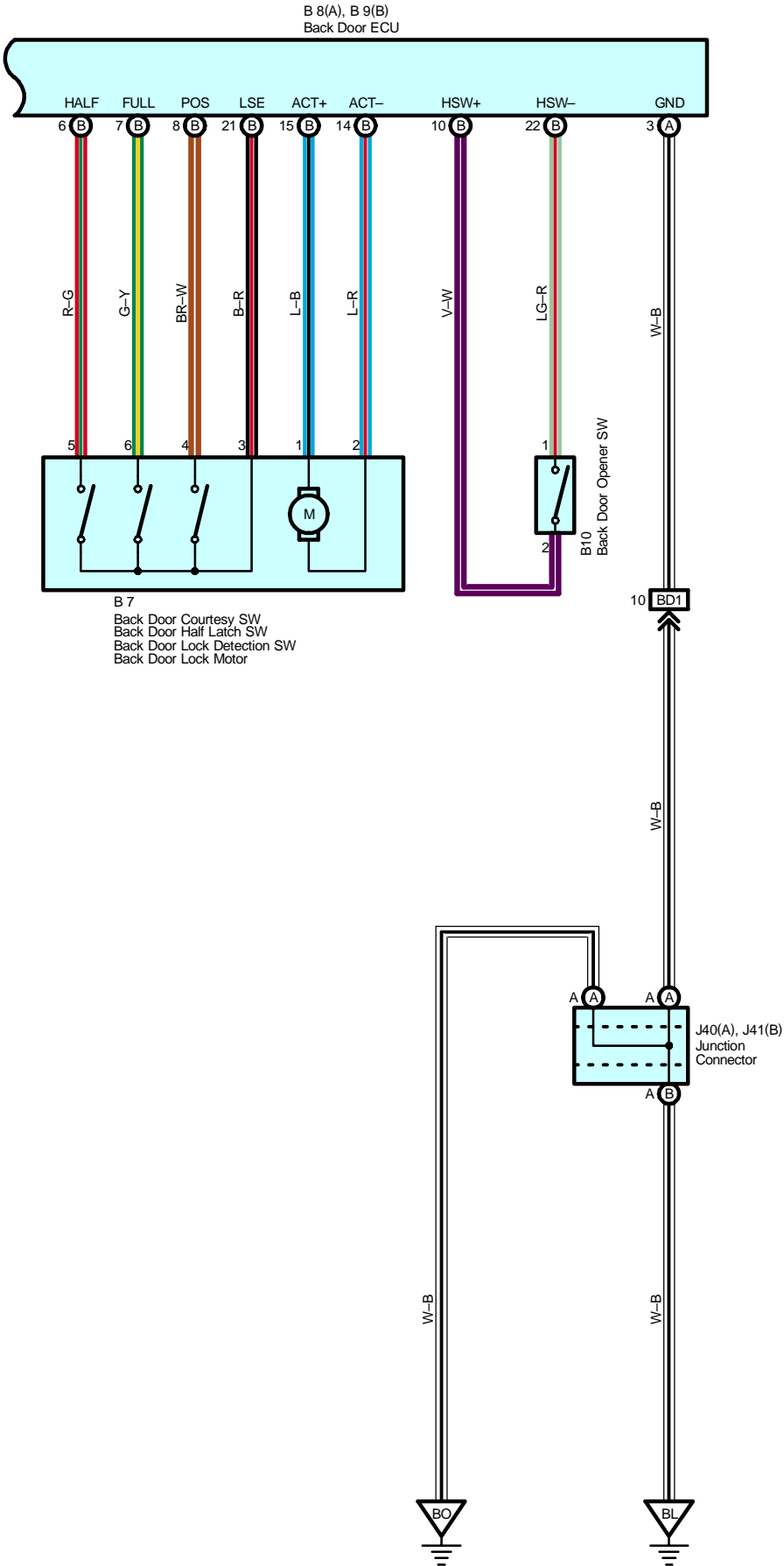


B 4(A), B 5(B), B 6(C)  
Body ECU



# Door Lock Control





# Door Lock Control

## System Outline

The door lock control is controlled through the various signals input into the body ECU through communication control of the body ECU etc.

### 1. Manual Unlock Operation

When the door lock control SW of the driver's or passenger's side door is pushed to UNLOCK, the door lock will unlock.

### 2. Manual Lock Operation

When the door lock control SW of the driver's or passenger's side door is pushed to LOCK, the door lock will lock.

### 3. Door Key Unlock Operation

\* Unlock operation from driver's side door

When the driver's side door is unlocked once using the ignition key, only the driver's side door is unlocked. If this operation is repeated within 3 seconds, all the other doors are unlocked.

### 4. Ignition Key Reminder Operation

When the door lock operation is made using the door knob with the ignition key remained inserted in the key cylinder and the door open, unlock operation is automatically made. Additionally, if lock operation is made with the door lock control SW or door key lock and unlock SW, unlock operation is automatically made after the lock operation has been completed.

### 5. Shift-Lever-Interlocked Auto Lock Control

\* Auto lock operation

The auto lock control automatically locks all doors when the shift lever is thrown into another position from parking — with all doors closed, the ignition switch ON, and the engine running.

\* Auto unlocking operation

The auto lock control automatically unlocks all doors when the shift lever is thrown into parking from another position — with the ignition switch ON, traveling at a speed not exceeding 16 km/h.

### 6. Vehicle-Speed-Interlocked Auto Lock Control

\* Auto lock operation control

If any of the doors are not locked with the ignition switch ON and the engine running, the auto lock control automatically locks all doors when the vehicle has gathered speed reaching or exceeding 20 km/h.

\* Unlocking prevention feature

When the vehicle is traveling at a speed reaching or exceeding 20 km/h, the unlocking function that prevents driver from locking himself out is disabled.

\* Auto lock repeat prevention feature

Once auto lock is activated, auto lock operation cannot not be repeated — until a door is opened or the ignition switch is turned OFF with the vehicle traveling at a speed not exceeding 16 km/h.

### 7. Door-Open/Close-Interlocked Auto Unlocking

When the driver's seat door is opened within 10 seconds after the ignition switch is turned OFF with the door closed, all doors are unlocked automatically.

\* When the battery terminal or fuse is disconnected for some reason, resetting to the initial status is necessary using the door lock control SW front LH (Driver's seat master SW) in accordance with the following procedure:

(1) Reconnect the battery terminal or fuse.

(2) With the back door closed, operate the door lock control SW front LH (Driver's seat master SW) for locking and unlocking.

## Service Hints

### Body ECU

11, 12-Ground : Always approx. 12 volts

10-Ground : Approx. 12 volts with ignition SW at ON position

22-Ground : Approx. 12 volts with ignition SW at ACC or ON position

4, 16-Ground : Always continuity

### B8 (A) Back Door ECU

(A) 4, (A) 5-Ground : Always approx. 12 volts

(A) 6-Ground : Approx. 12 volts with ignition SW at ON position

(A) 3-Ground : Always continuity

**○ : Parts Location**

Code	See Page	Code	See Page	Code	See Page		
B4	A	36	D16	40	J15	B	38
B5	B	36	D17	40	J18	A	38
B6	C	36	D18	40	J19	B	38
B7		40	D19	40	J20		38
B8	A	40	D20	40	J25		38
B9	B	40	D21	40	J35		38
B10		40	G2	32 (2UZ-FE)	J37		38
C8	A	37		34 (1GR-FE)	J38		40
C9	B	37	J5	38	J40	A	40
C10	C	37	J6	38	J41	B	40
D12		40	J7	38	K3		39
D13		40	J8	A	P1		33 (2UZ-FE)
D14		40	J9	B		35 (1GR-FE)	
D15		40	J14	A	S8		39

**○ : Relay Blocks**

Code	See Page	Relay Blocks (Relay Block Location)
2	22	Engine Room R/B (Engine Compartment Left)

**○ : Junction Block and Wire Harness Connector**

Code	See Page	Junction Block and Wire Harness (Connector Location)
1B	24	Engine Room Main Wire and Driver Side J/B (Lower Finish Panel)
1E		
1F		
1G	25	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H		
1J		
1K		
1L		

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

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
EA1	44 (2UZ-FE)	Engine No.2 Wire and Engine Room Main Wire (Under the Engine Room R/B)
	46 (1GR-FE)	
IA1	48	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
IC4	48	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IE1	50	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IM1	52	Engine Wire and Instrument Panel Wire (Right Side of Blower Unit)
IO1	52	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IP1	52	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IP2		
BA1	54	Rear Door No.2 Wire and Instrument Panel Wire (Left Center Pillar)
BB1	54	Rear Door No.1 Wire and Instrument Panel Wire (Right Center Pillar)
BD1	54	Back Door No.1 Wire and Floor No.2 Wire (Left Rear Side of Roof)

# Door Lock Control

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## : Ground Points

Code	See Page	Ground Points Location
EF	<a href="#">44 (2UZ-FE)</a>	Rear Side of Left Bank Cylinder Block
	<a href="#">46 (1GR-FE)</a>	
IG	<a href="#">48</a>	Left Kick Panel
IK	<a href="#">48</a>	Right Kick Panel
BL	<a href="#">54</a>	Floor Seat Crossmember LH
BO	<a href="#">54</a>	Rear Pillar LH



## : Splice Points

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B1	<a href="#">54</a>	Front Door RH Wire			

