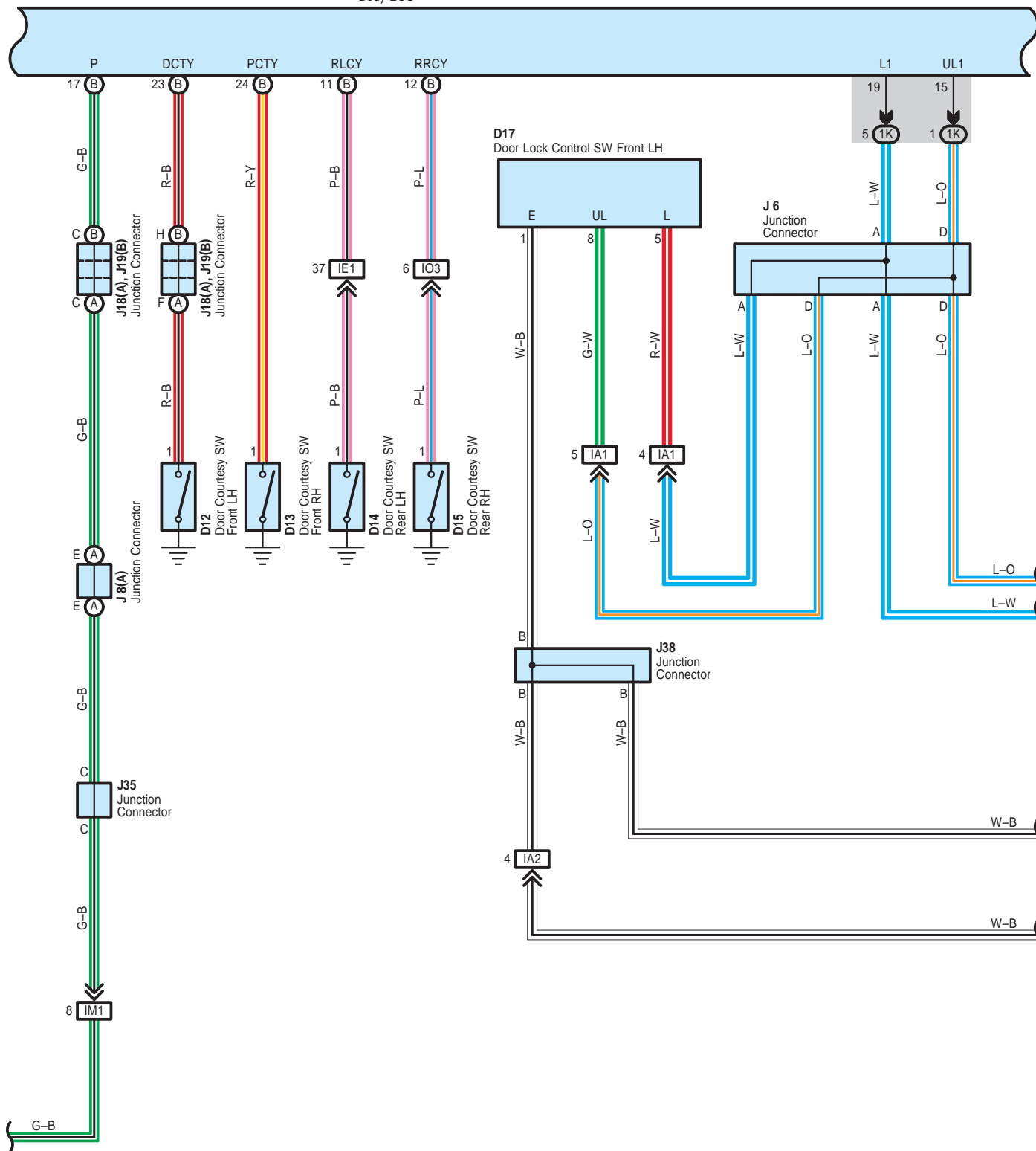


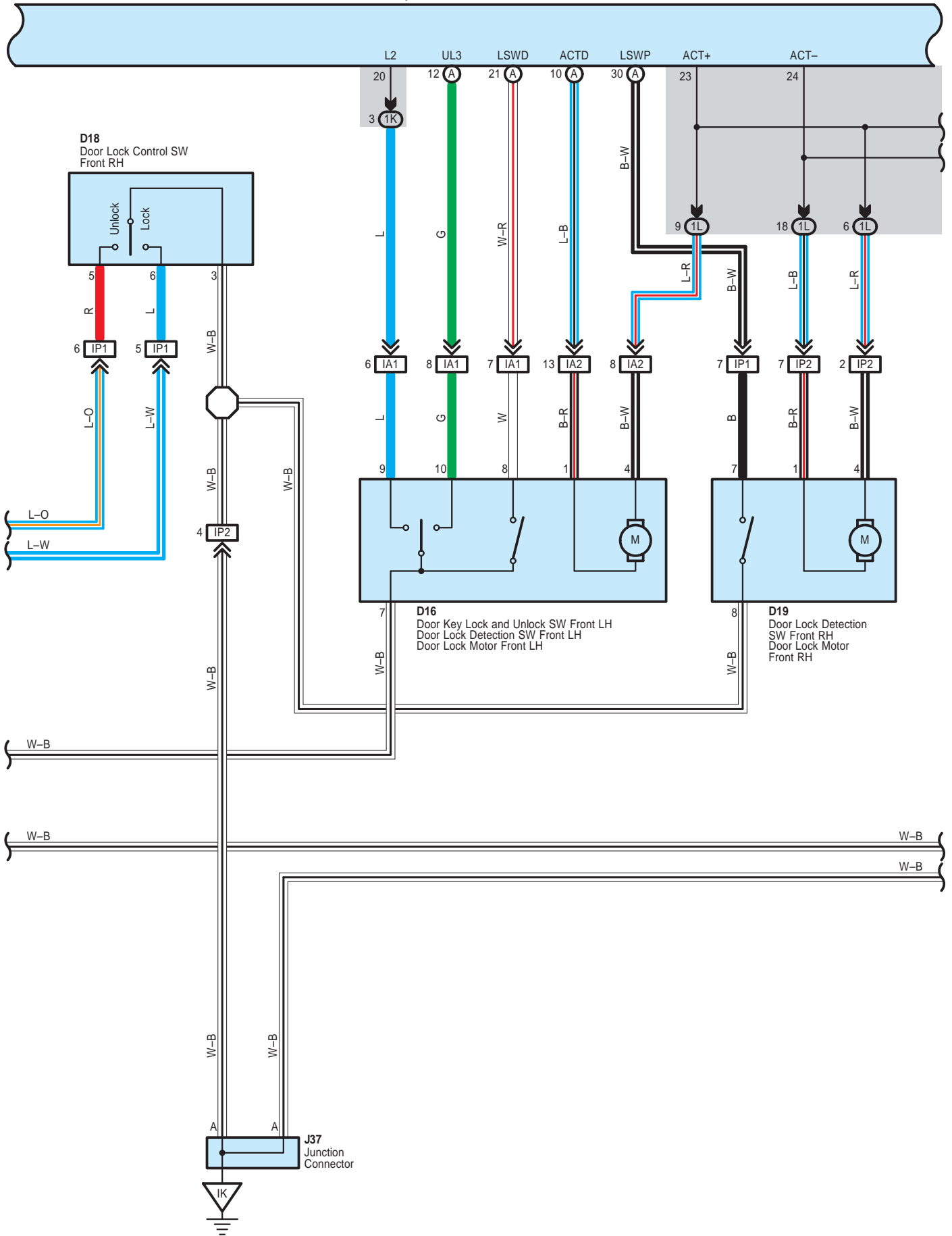


B 4(A), B 5(B), B 6(C)  
Body ECU

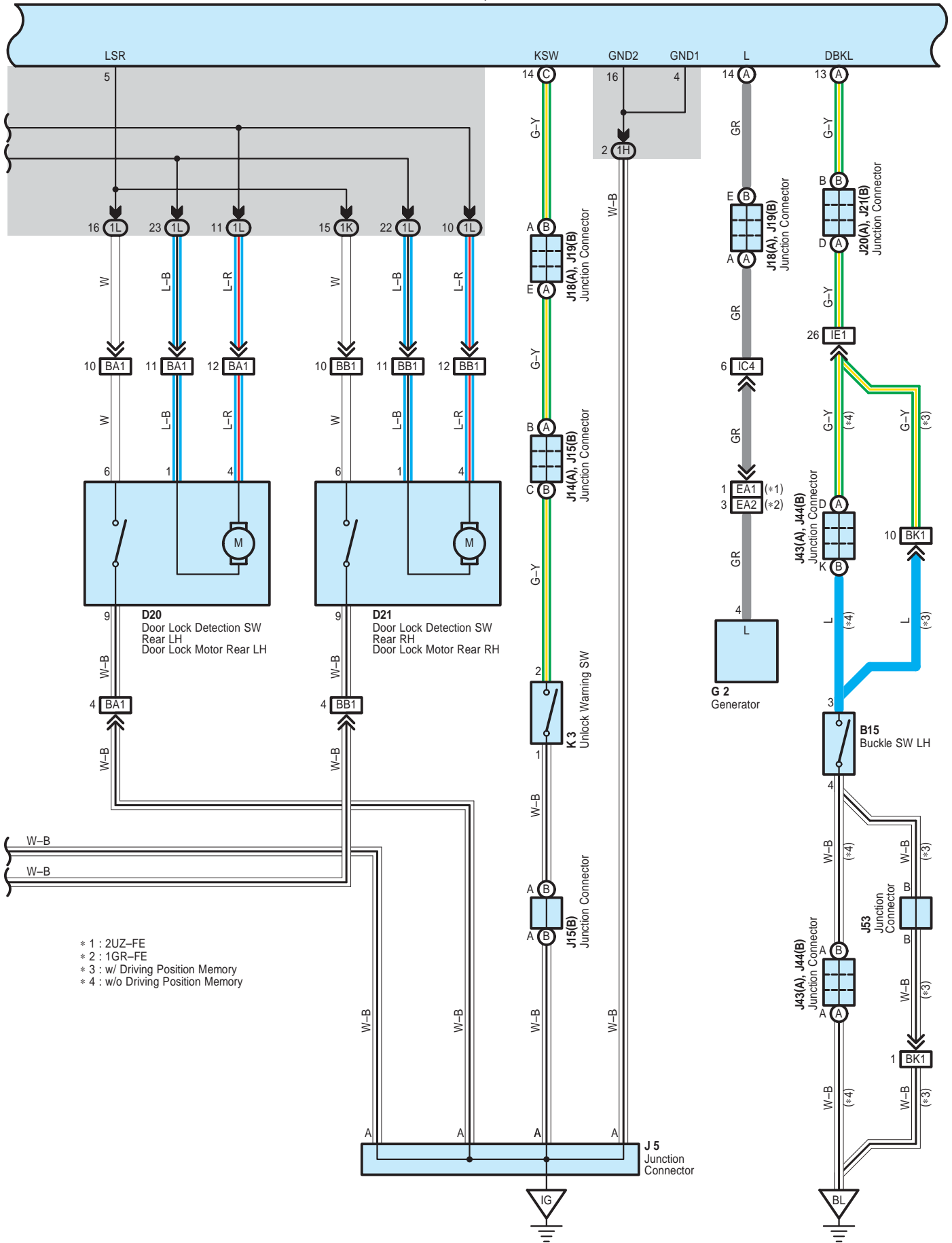


# Door Lock Control

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

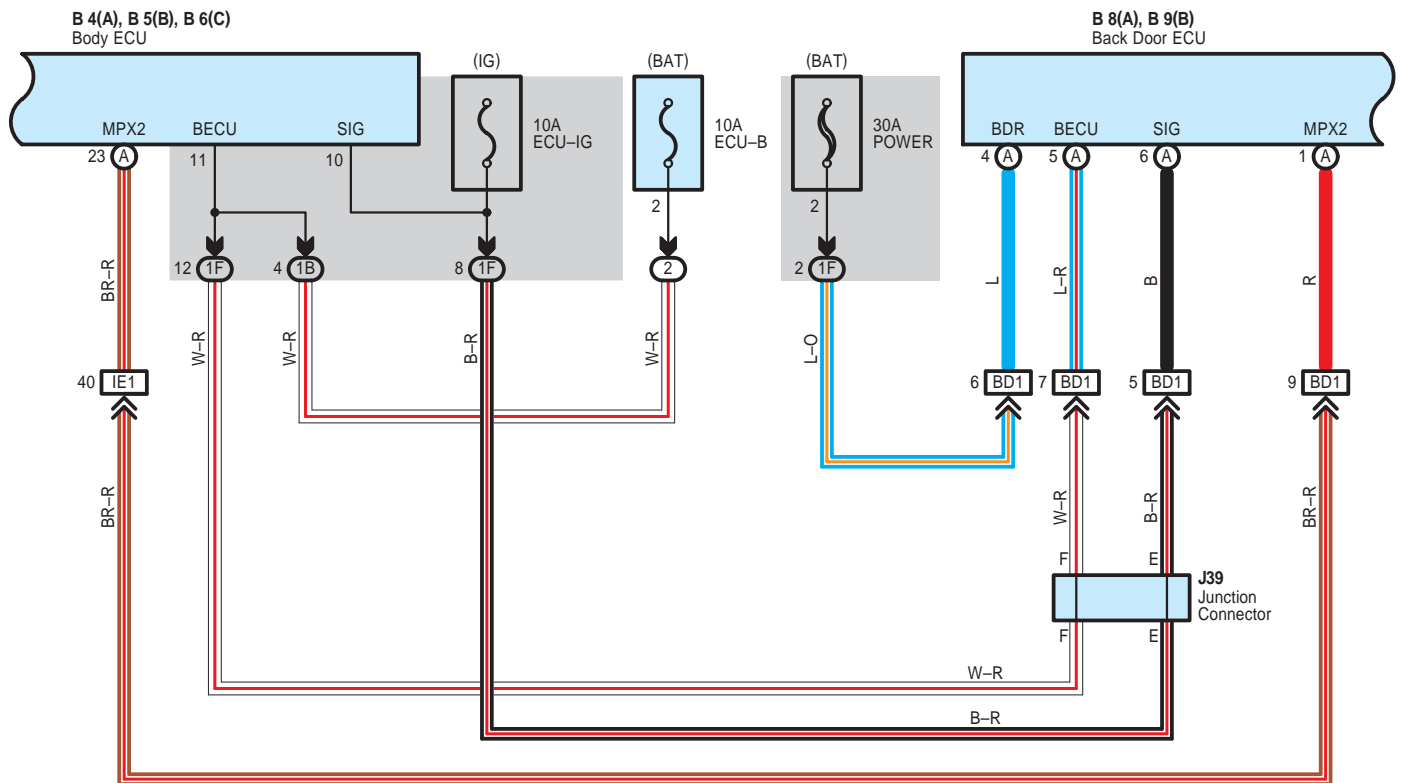


B 4(A), B 5(B), B 6(C)  
Body ECU

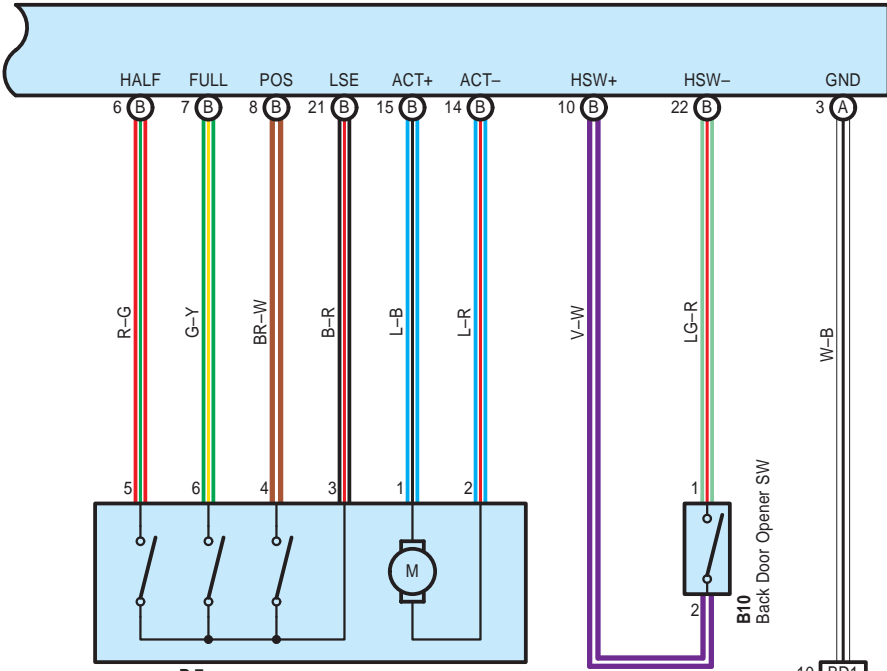


- \* 1 : 2UZ-FE
- \* 2 : 1GR-FE
- \* 3 : w/ Driving Position Memory
- \* 4 : w/o Driving Position Memory

# Door Lock Control



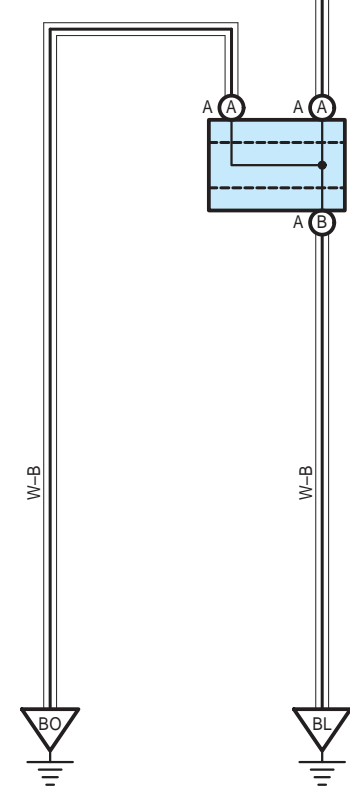
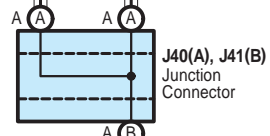
**B 8(A), B 9(B)**  
Back Door ECU



**B 7**  
Back Door Courtesy SW  
Back Door Half Latch SW  
Back Door Lock Detection SW  
Back Door Lock Motor

**B10**  
Back Door Opener SW

10 **BD1**



# Door Lock Control

## System Outline

The door lock control is controlled through the various signal 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 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 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 the doors when the shift lever is put into other position than parking position with all the doors closed, the ignition switch ON, and the engine running.

\* Auto unlocking operation

The auto lock control automatically unlocks all the doors when the shift lever is put into parking position from other position with the ignition switch ON during 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 is not locked with the ignition switch ON and the engine running, the auto lock control automatically locks all the 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 is disabled.

\* Auto lock repeat prevention feature

Once auto lock is activated, auto lock operation cannot 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 side door is opened within 10 seconds after the ignition switch is turned OFF, all the 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.

**○ : Parts Location**

Code		See Page	Code		See Page	Code		See Page
B4	A	36	D18	40	J35	38		
B5	B	36	D19	40	J37	38		
B6	C	36	D20	40	J38	40		
B7		40	D21	40	J39	40		
B8	A	40	G2	32 (2UZ-FE)		J40	A	40
B9	B	40		34 (1GR-FE)		J41	B	40
B10		40	J5	38		J43	A	42 (*1)
B15		42 (*1)	J6	38				43 (*2)
		43 (*2)	J7	38		J44	B	42 (*1)
C8	A	37	J8	A	38			43 (*2)
C9	B	37	J9	B	38		J53	42 (*1)
C10	C	37	J14	A	38		K3	39
D12		40	J15	B	38		P1	33 (2UZ-FE)
D13		40	J18	A	38			35 (1GR-FE)
D14		40	J19	B	38		S28	33 (2UZ-FE)
D15		40	J20	A	38			35 (1GR-FE)
D16		40	J21	B	38			
D17		40	J25		38			

**○ : 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	24	Floor No.2 Wire and Driver Side J/B (Lower Finish Panel)
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)
EA2	45 (1GR-FE)	
IA1	46	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
IC2	46	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IC4		
IE1	46	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IM1	47	Engine Wire and Instrument Panel Wire (Right Side of Blower Unit)
IO3	47	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IP1	47	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IP2		
BA1	48	Rear Door No.2 Wire and Instrument Panel Wire (Left Center Pillar)
BB1	48	Rear Door No.1 Wire and Instrument Panel Wire (Right Center Pillar)
BD1	48	Back Door No.1 Wire and Floor No.2 Wire (Left Rear Side of Roof)
BK1	50 (*1)	Floor No.2 Wire and Seat No.2 Wire (Under the Front LH Seat)

\* 1 : Power Seat    \* 2 : Manual Seat



# Door Lock Control

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## : Ground Points

Code	See Page	Ground Points Location
ED	44 (2UZ-FE)	Left Bank Cylinder Head
EE	45 (1GR-FE)	Rear Side of Right Bank Cylinder Block
IG	46	Left Kick Panel
IK	46	Right Kick Panel
BL	48	Floor Seat Crossmember LH
BO	48	Rear Pillar LH

