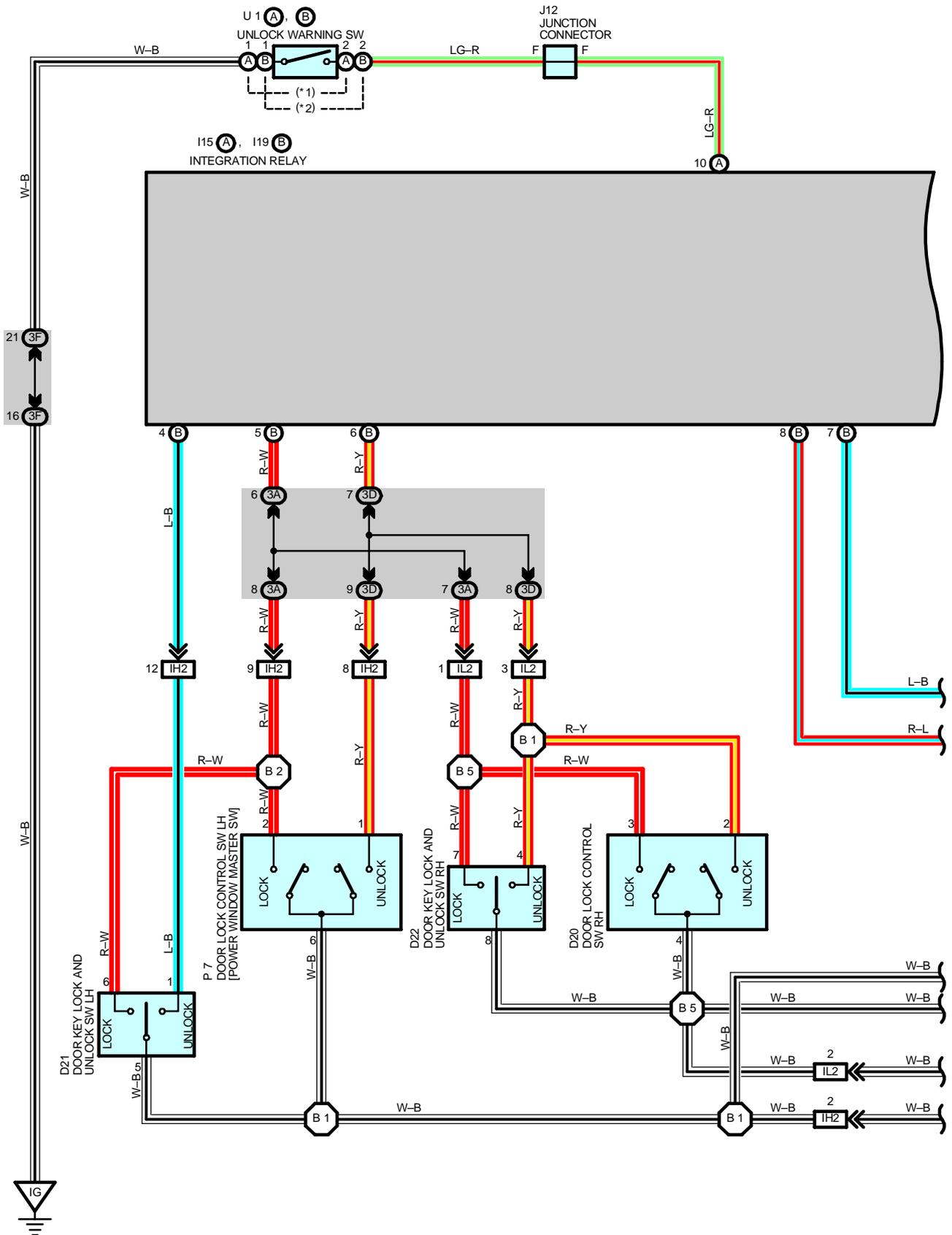
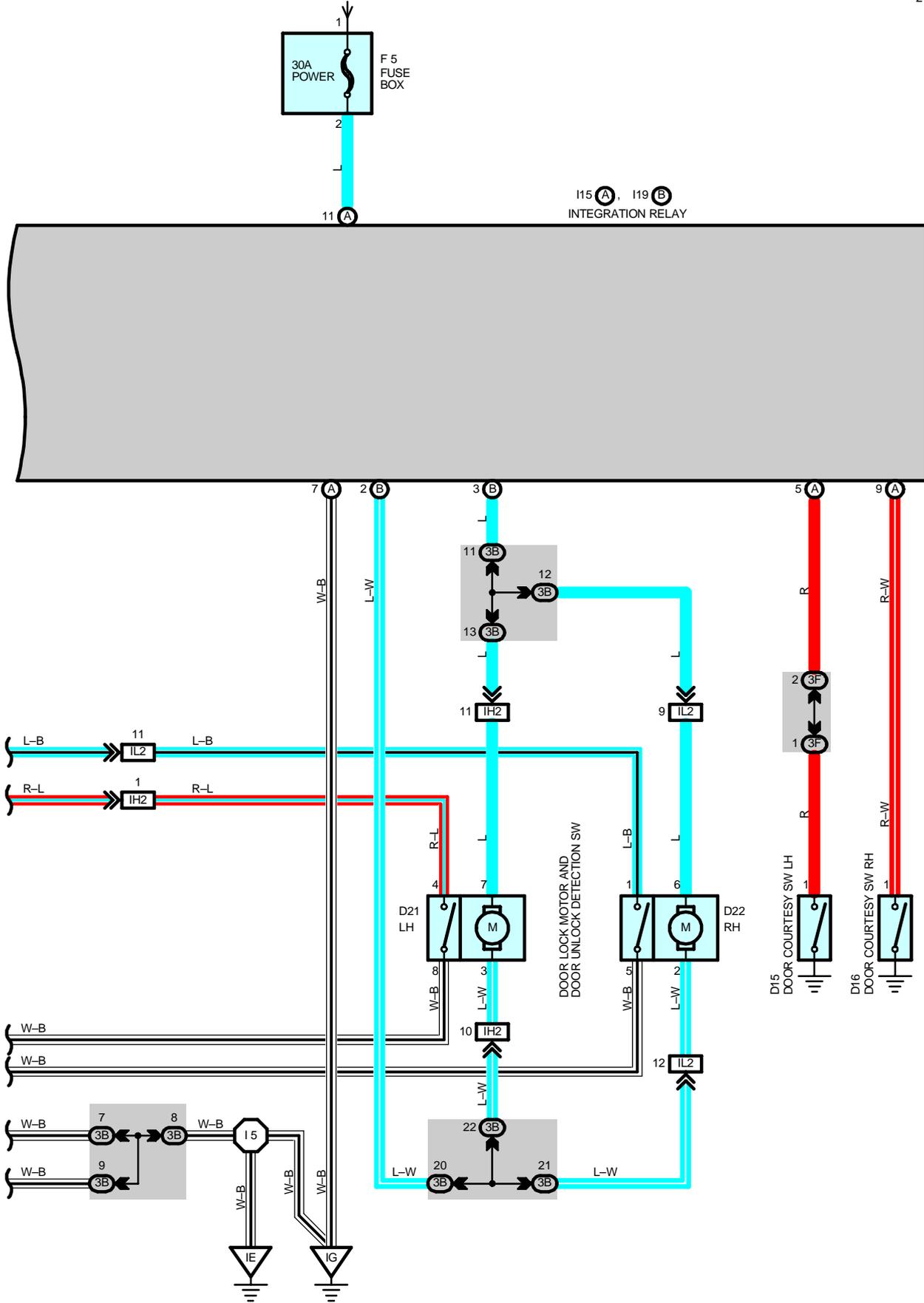


# DOOR LOCK CONTROL



FROM POWER SOURCE SYSTEM (SEE PAGE 46)

\* 1 : AT  
\* 2 : MT



# DOOR LOCK CONTROL

## SYSTEM OUTLINE

Current always flows to TERMINAL (A) 11 of the integration relay through the POWER fuse.

### 1. MANUAL LOCK OPERATION

To push the door lock control SW or door key lock and unlock SW to LOCK position, a lock signal is input to TERMINAL (B) 5 of the integration relay and causes the relay to function. Current flows from TERMINAL (A) 11 of the relay to TERMINAL (B) 2 to TERMINALS 3 (LH), 2 (RH) of the door lock motors to TERMINALS 7 (LH), 6 (RH) to TERMINAL (B) 3 of the relay to TERMINAL (A) 7 to GROUND and the door lock motor causes the door to lock.

### 2. MANUAL UNLOCK OPERATION

To push the door lock control SW or door key lock and unlock SW to UNLOCK position, an unlock signal is input to TERMINAL (B) 6 of the integration relay and causes the relay to function. Current flows from TERMINAL (A) 11 of the relay to TERMINAL (B) 3 to TERMINALS 7 (LH), 6 (RH) of the door lock motors to TERMINALS 3 (LH), 2 (RH) to TERMINAL (B) 2 of the relay to TERMINAL (A) 7 to GROUND and the door lock motor causes the door to unlock.

### 3. IGNITION KEY REMINDER OPERATION

\* Operating door lock knob (in door lock motor operation)

With ignition key in cylinder (Unlock warning SW on), when any door is opened and locked using door lock knob (Door lock motor), all doors are locked once but each door is unlocked soon by the function of the integration relay. As a result, current flows from TERMINAL (A) 11 of the relay to TERMINAL (B) 3 to TERMINALS 7 (LH), 6 (RH) of the door lock motors to TERMINALS 3 (LH), 2 (RH) to TERMINAL (B) 2 of the relay to TERMINAL (A) 7 to GROUND and causes all the doors to unlock.

\* Operating door lock control SW or door key lock and unlock SW

With ignition key in cylinder (Unlock warning SW on), when any door is opened and locked using the door lock control SW or door key lock and unlock SW, all doors are locked once but each door is unlocked by the function of the SW contained in motor, which inputs the signal to TERMINAL (B) 8 or (B) 7 of the integration relay. According to this input signal, current flows from TERMINAL (A) 11 of the relay to TERMINAL (B) 3 to TERMINALS 7 (LH), 6 (RH) of the door lock motors to TERMINALS 3 (LH), 2 (RH) to TERMINAL (B) 2 of the relay to TERMINAL (A) 7 to GROUND and causes all the doors to unlock.

## SERVICE HINTS

### I15 (A), I19 (B) INTEGRATION RELAY

(A) 7-GROUND : Always continuity.

(A) 5-GROUND : Continuity with LH door open.

(A)11-GROUND : Always approx. 12 volts

(B) 3-GROUND : Approx. 12 volts for 0.2 seconds with following operations.

\* Door lock control SW unlocked.

\* Door lock control SW locked with ignition key in cylinder and LH door open.

(Ignition key reminder function)

\* Door lock knob locked with ignition key in cylinder and LH door open. (Ignition key reminder function)

\* Unlocking the LH, RH door cylinder with key.

(B) 2-GROUND : Approx. 12 volts for 0.2 seconds with following operations.

\* Door lock control SW locked.

\* Locking the LH, RH door cylinder with key.

(B) 5-GROUND : 0 volts with door lock control SW locked or LH, RH door lock cylinder locked with key.

(A) 9-GROUND : Continuous with RH door open.

(B) 8-GROUND : Continuous with LH door lock knob unlocked.

(B) 7-GROUND : Continuous with RH door lock knob unlocked.

(A)10-GROUND : Approx. 12 volts with ignition key in cylinder.

(B) 6-GROUND : 0 volts with door lock control SW unlocked.

### D15, D16 DOOR COURTESY SW LH, RH

1-GROUND : Closed with door open.

### D21, D22 DOOR LOCK MOTOR, DOOR UNLOCK DETECTION SW AND DOOR KEY LOCK AND UNLOCK SW LH, RH

4-8 (LH), 1-5 (RH) : Closed with UNLOCK position.

### U1 (A), (B) UNLOCK WARNING SW

(A) 1-(A) 2, (B) 1-(B) 2 : Closed with key in cylinder.

 : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D15	32	D22	34	J12	33
D16	32	F5	33	P7	34
D20	34	I15	A	U1	A
D21	34	I19	B		B

 : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
3A	24	Cowl Wire and J/B No.3 (Behind the Instrument Panel Left)
3B		
3D		
3E		
3F		

 : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IH2	40	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IL2	40	Front Door RH Wire and Cowl Wire (Right Kick Panel)

 : GROUND POINTS

Code	See Page	Ground Points Location
IE	40	Around the Right Edge of the Reinforcement
IG	40	Around the Left Edge of the Reinforcement

 : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I5	40	Cowl Wire	B2	42	Roof Wire
B1	42	Front Door LH Wire	B5	42	Front Door RH Wire