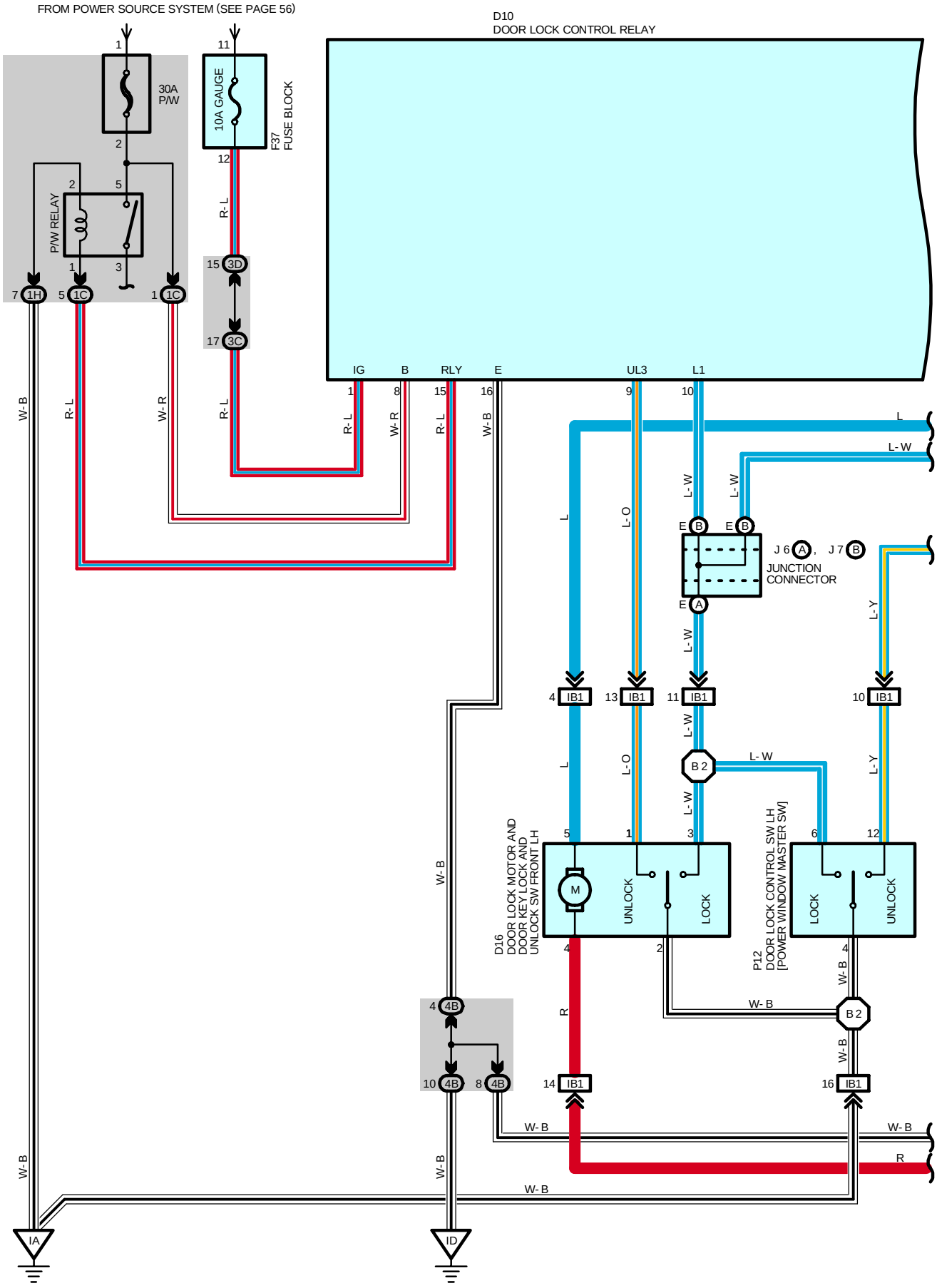
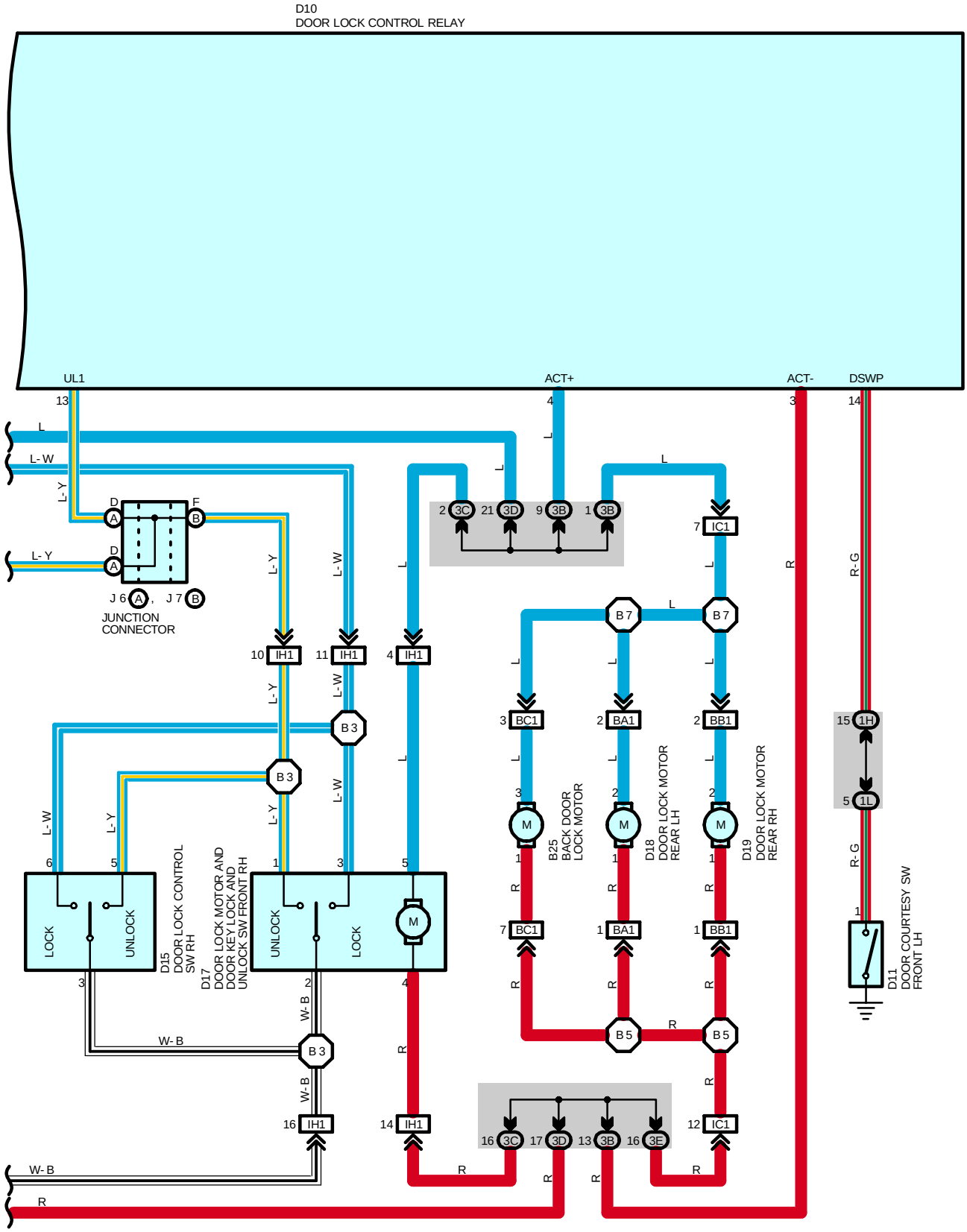
DOOR LOCK CONTROL




D10
DOOR LOCK CONTROL RELAY
UL1
ACT+
ACT-
DSWP
JUNCTION CONNECTOR
D15 DOOR LOCK CONTROL SW RH
D17 DOOR LOCK MOTOR AND DOOR KEY LOCK AND UNLOCK SW FRONT RH
B25 BACK DOOR LOCK MOTOR
D18 DOOR LOCK MOTOR REAR LH
D19 DOOR LOCK MOTOR REAR RH
D11 DOOR COURTESY SW FRONT LH
LOCK
UNLOCK

DOOR LOCK CONTROL

SYSTEM OUTLINE

Current always flows to TERMINAL 8 of the door lock control relay through the P/W fuse.

1. MANUAL LOCK OPERATION

To change the door lock control SW or door key lock and unlock SW to the LOCK position, a lock signal is input to TERMINAL 10 of the door lock control relay and causes the relay function. current flows from the TERMINAL 8 of the relay to TERMINAL 4 to TERMINALS 5 of the door lock motor front, TERMINALS 2 of the door lock motor rear, TERMINAL 3 of the back door lock motor to TERMINALS 4 of the door lock motor front, TERMINALS 1 of the door lock motor rear and back door lock motor to TERMINAL 3 of the relay to TERMINAL 16 to GROUND and the door lock motor causes the door to lock.

2. MANUAL UNLOCK OPERATION

To change the door lock control SW or door key lock and unlock SW to the UNLOCK position, a unlock signal is input to TERMINAL 13 of the door lock control relay and causes the relay function.
Current flows from the TERMINAL 8 of the relay to TERMINAL 3 to TERMINALS 4 of the door lock motor front, TERMINALS 1 of the door lock motor rear and back door lock motor to TERMINALS 5 of the door lock motor front, TERMINALS 2 of the door lock motor rear, TERMINAL 3 of the back door lock motor to TERMINAL 4 of the relay to TERMINAL 16 to GROUND and the door lock motor causes the door to unlock.

SERVICE HINTS

D10 DOOR LOCK CONTROL RELAY

8-GROUND : Always approx. **12** volts
16-GROUND : Always continuity
4-GROUND : Approx. **12** volts **0.2** seconds with following operation
Door lock control SW locked
Door lock cylinder locked with key
3-GROUND : Approx. **12** volts **0.2** seconds with following operation
Door lock control SW unlocked
Door lock cylinder unlocked with key
10-GROUND : Approx. **12** to **0** volts with door lock control SW locked or front LH door lock cylinder locked with key
13-GROUND : Approx. **12** to **0** volts with door lock control SW unlocked or front RH door lock cylinder locked with key
9-GROUND : Approx. **12** to **0** volts with front LH door lock cylinder unlocked with key

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code		See Page
B25	40	D16	40	F37		39
D10	38	D17	40	J6	A	39
D11	40	D18	40	J7	B	39
D15	40	D19	40	P12		40

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	28	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
1H		
1L	28	Floor Wire and Instrument Panel J/B (Lower Finish Panel)
3B	30	Instrument Panel Wire and Center J/B (Instrument Panel Center)
3C		
3D		
3E		
4B	32	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IB1	50	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IC1	50	Floor Wire and Instrument Panel Wire (Left Kick Panel)
IH1	50	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
BA1	52	Rear Door No.2 Wire and Floor Wire (Left Center Pillar)
BB1	52	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BC1	52	Back Door No.1 Wire and Floor Wire (Beside Right Rear Comb. Light)

: GROUND POINTS

Code	See Page	Ground Points Location
IA	50	Left Kick Panel
ID	50	Right Kick Panel

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B2	52	Front Door LH Wire	B5	52	Floor Wire
B3	52	Front Door RH Wire	B7		