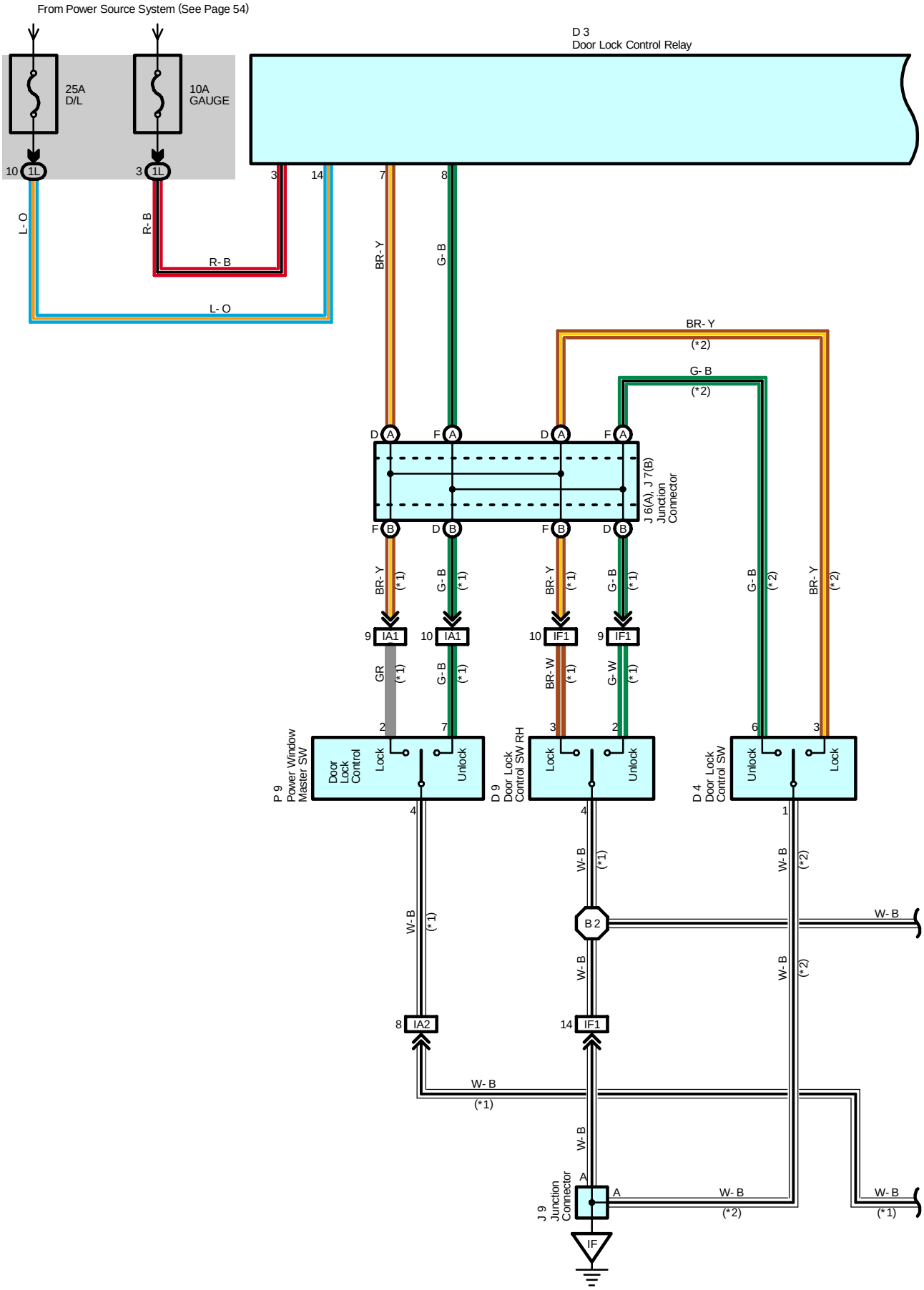
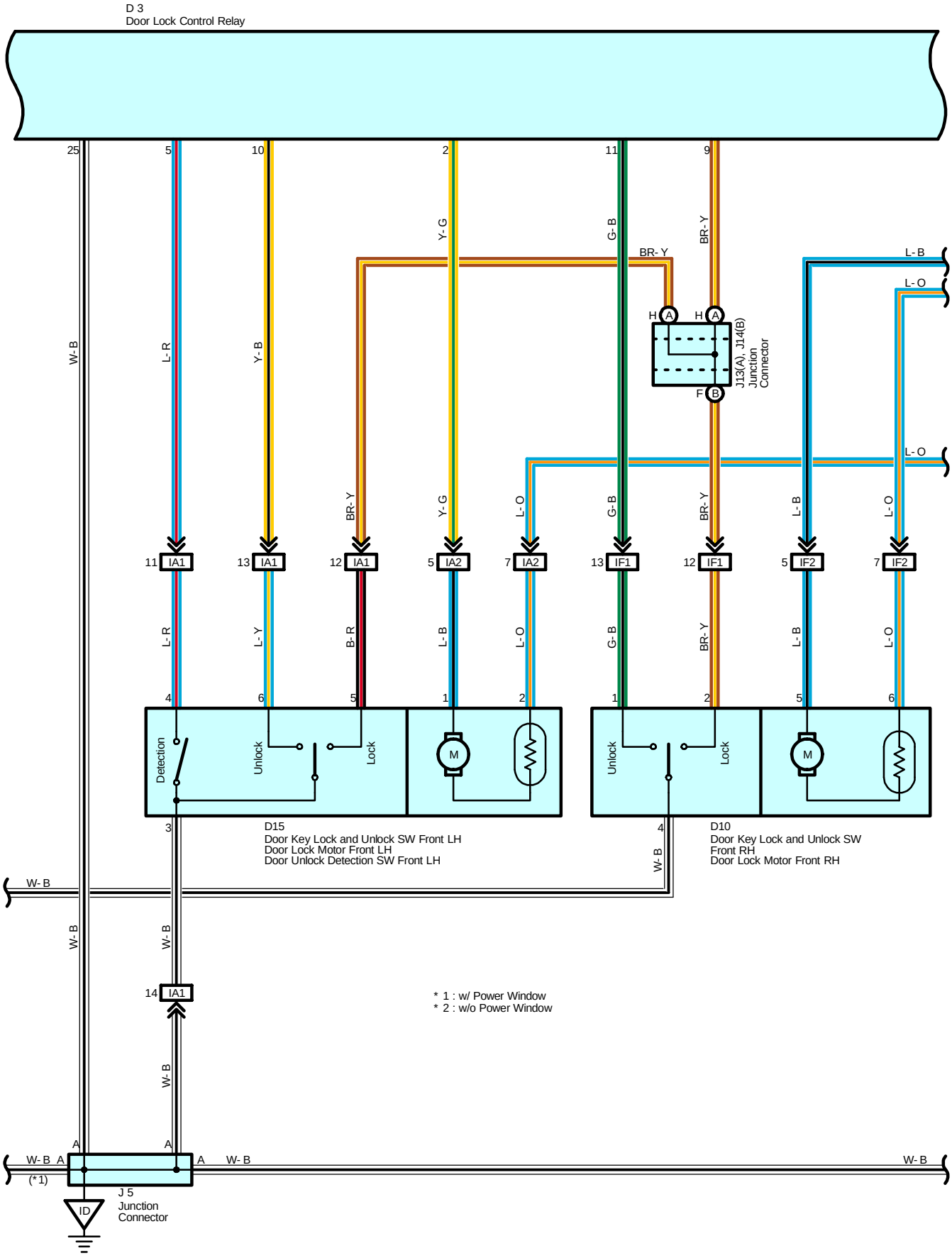
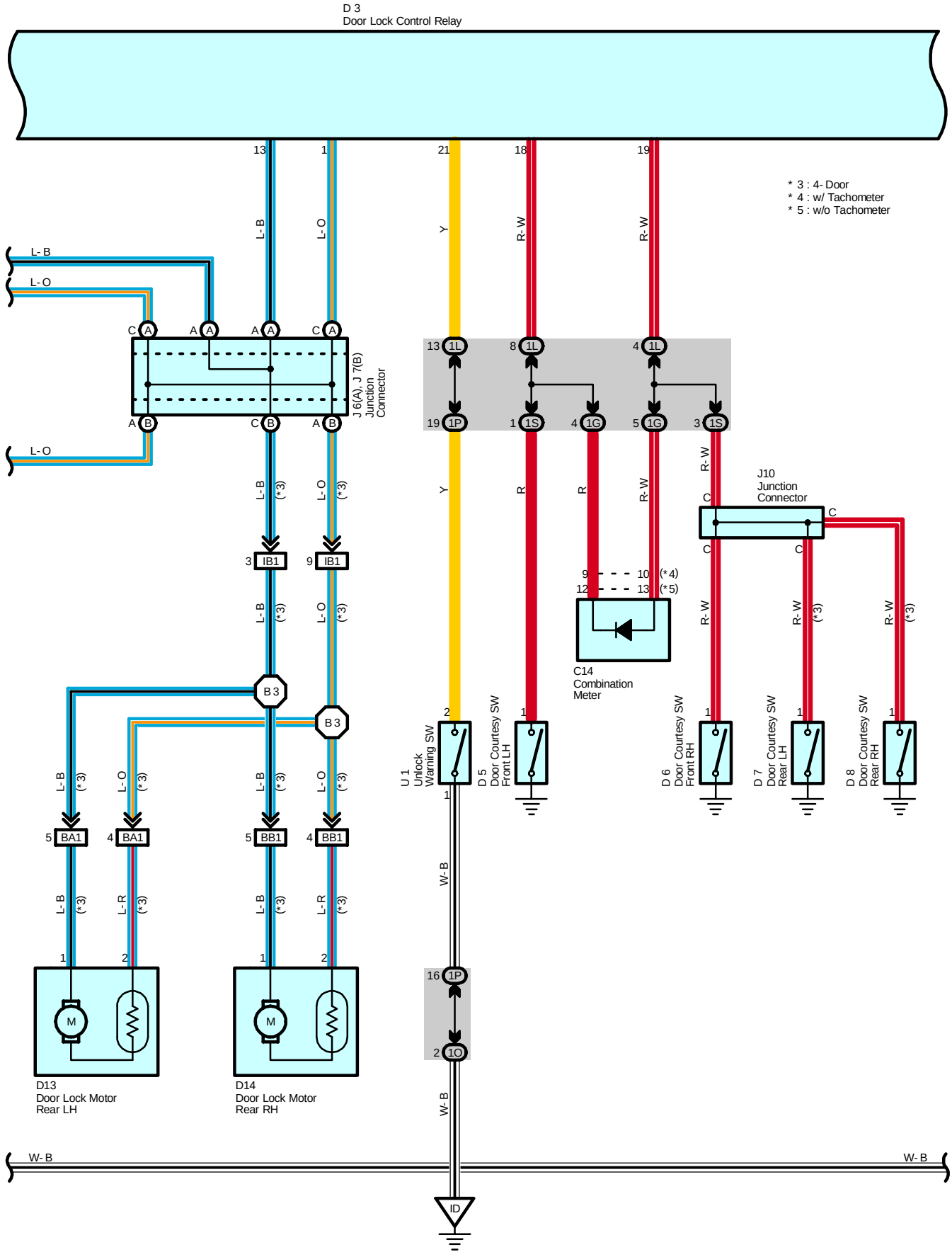
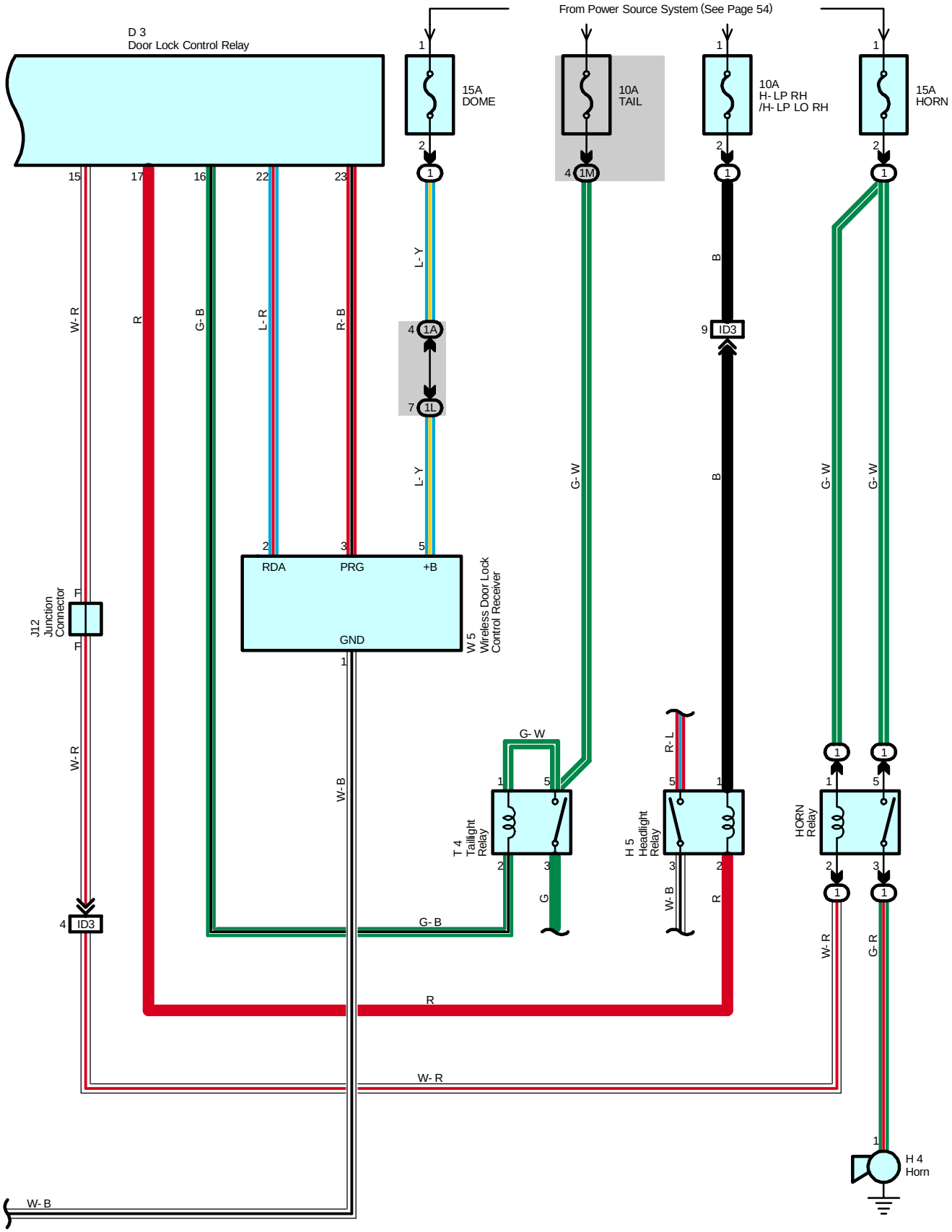
Wireless Door Lock Control




D 3
Door Lock Control Relay
25
5
10
2
11
9
W- B
L- R
Y- B
Y- G
G- B
BR- Y
BR- Y
L- B
L- O
H A
H A
F B
J13(A), J14(B)
Junction
Connector
L- O
11 IA1
13 IA1
12 IA1
5 IA2
7 IA2
13 IF1
12 IF1
5 IF2
7 IF2
L- R
L- Y
B- R
L- B
L- O
G- B
BR- Y
L- B
L- O
4
6
5
1
2
1
2
5
6
Detection
Unlock
Lock
M
Unlock
Lock
M
3
D15
Door Key Lock and Unlock SW Front LH
Door Lock Motor Front LH
Door Unlock Detection SW Front LH
4
W- B
D10
Door Key Lock and Unlock SW
Front RH
Door Lock Motor Front RH
W- B
W- B
W- B
14 IA1
W- B
* 1 : w/ Power Window
* 2 : w/o Power Window
A
A
W- B A
A
W- B
W- B
(*1)
J 5
Junction
Connector
ID

Wireless Door Lock Control




From Power Source System (See Page 54)
D 3
Door Lock Control Relay
15A
DOME
10A
TAIL
10A
H- LP RH
/H- LP LO RH
15A
HORN
15
17
16
22
23
W- R
R
G- B
L- R
R- B
L- Y
L- Y
G- W
B
B
G- W
G- W
1A
1L
1M
ID3
ID3
RDA
PRG
+B
GND
W 5
Wireless Door Lock
Control Receiver
J12
Junction
Connector
W- R
W- B
G- W
G- B
G
T 4
Taillight
Relay
R- L
W- B
R
H 5
Headlight
Relay
HORN
Relay
W- R
G- R
R
W- R
W- B
H 4
Horn

Wireless Door Lock Control

System Outline

Door lock control (Lock and unlock) and panic control (Theft alarm and flash) is performed by remote control, without the ignition key inserted in the door key cylinder, using low-power electrical waves emitted by a transmitter.

1. Wireless Door Lock or Unlock Normal Operation

With the ignition key not inserted into the ignition key cylinder (Unlock warning SW off) and all the doors completely closed, when the lock or unlock button (Transmitter) is pushed, the wireless door lock control receiver receives the electrical waves from the transmitter, and sends a signal to the door lock control relay causing it to operate.
As a result, the door lock control relay judges whether the door is locked or unlocked based on the signal from the door lock motor and door unlock detection SW, and sends a signal to switch the condition from lock to unlock or vice versa, causing the door lock motor to operate.

2. Visual Confirmation of Lock or Unlock

If all doors indicate that they are locked after the lock command, parking lights and taillights will flash once. If any door indicates that it is open after the unlock command, parking lights and taillights will flash twice.

3. Wireless Door Unlock Operation

Pushing the unlock button (Transmitter) once, driver's door is unlocked. Furthermore, pushing the button again within 3 seconds, the other doors are unlocked.

4. Automatic Lock Operation

With the ignition key not inserted into the ignition key cylinder (Unlock warning SW off) and all the doors completely closed, after pushing the button (Transmitter) to unlock all the doors, if a door is not opened within 30 seconds, all the doors will be automatically relocked.

5. Wireless Control Stop Function

If a door is open (Door courtesy SW on), a signal is input from the door courtesy SW to the door lock control relay stopping wireless door lock or unlock.
If the ignition key is in the ignition key cylinder (Unlock warning SW on), the unlock warning SW inputs a signal to the door lock control relay stopping wireless door lock or unlock.

6. Repeat Function

In case an appropriate lock detection signal is not received after outputting a lock signal when pushing the lock button (Transmitter), 2 seconds later, the door lock control relay output the lock signal again.

7. Remote Panic Operation

Panic will function when doors are locked or unlocked, open or closed. When the panic button (Transmitter) is pushed once, theft alarm sounds and headlights and taillights flash. Then, the panic or the unlock button (Transmitter) is pushed once more, sounding and flashing will stop. Panic will not function when ignition key is in ignition key cylinder.

Service Hints

D5, D6, D7, D8 Door Courtesy SW Front LH, RH, Rear LH, RH

1-Ground : Closed with the door open

U1 Unlock Warning SW

2-1 : Closed with the ignition key in the cylinder

W5 Wireless Door Lock Control Receiver

5-Ground : Always approx. 12 volts
1-Ground : Always continuity

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
C14	30	D10	34 (2-Door)	J10	33 (4-Door)
D3	30	D13	32 (4-Door)		35 (2-Door)
D4	30	D14	32 (4-Door)	J12	31
D5	32 (4-Door)	D15	32 (4-Door)	J13 A	31
	34 (2-Door)		34 (2-Door)	J14 B	31
D6	32 (4-Door)	H4	28	P9	33 (4-Door)
	34 (2-Door)	H5	30	T4	31
D7	32 (4-Door)	J5	31	U1	31
D8	32 (4-Door)	J6 A	31	W5	31
D9	32 (4-Door)	J7 B	31		
D10	32 (4-Door)	J9	31		

: RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Left)

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	24	Engine Room Main Wire and Instrument Panel J/B (Lower Finish Panel)
1G	25	Instrument Panel Wire and Instrument Panel J/B (Lower Finish Panel)
1L		
1M		
1O		
1P		
1S	24	Floor Wire and Instrument Panel J/B (Lower Finish Panel)

: CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	40	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2		
IB1	40	Floor Wire and Instrument Panel Wire (Behind the Reinforce LH)
ID3	42	Engine Room Main Wire and Instrument Panel Wire (Behind the Reinforce LH)
IF1	42	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IF2		
BA1	44 (4-Door)	Rear Door No.2 Wire and Floor Wire (Under the Center Pillar LH)
BB1	44 (4-Door)	Rear Door No.1 Wire and Floor Wire (Under the Center Pillar RH)

: GROUND POINTS

Code	See Page	Ground Points Location
ID	40	Left Kick Panel
IF	40	Right Kick Panel

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
B2	44 (4-Door)	Front Door RH Wire	B3	44 (4-Door)	Floor Wire