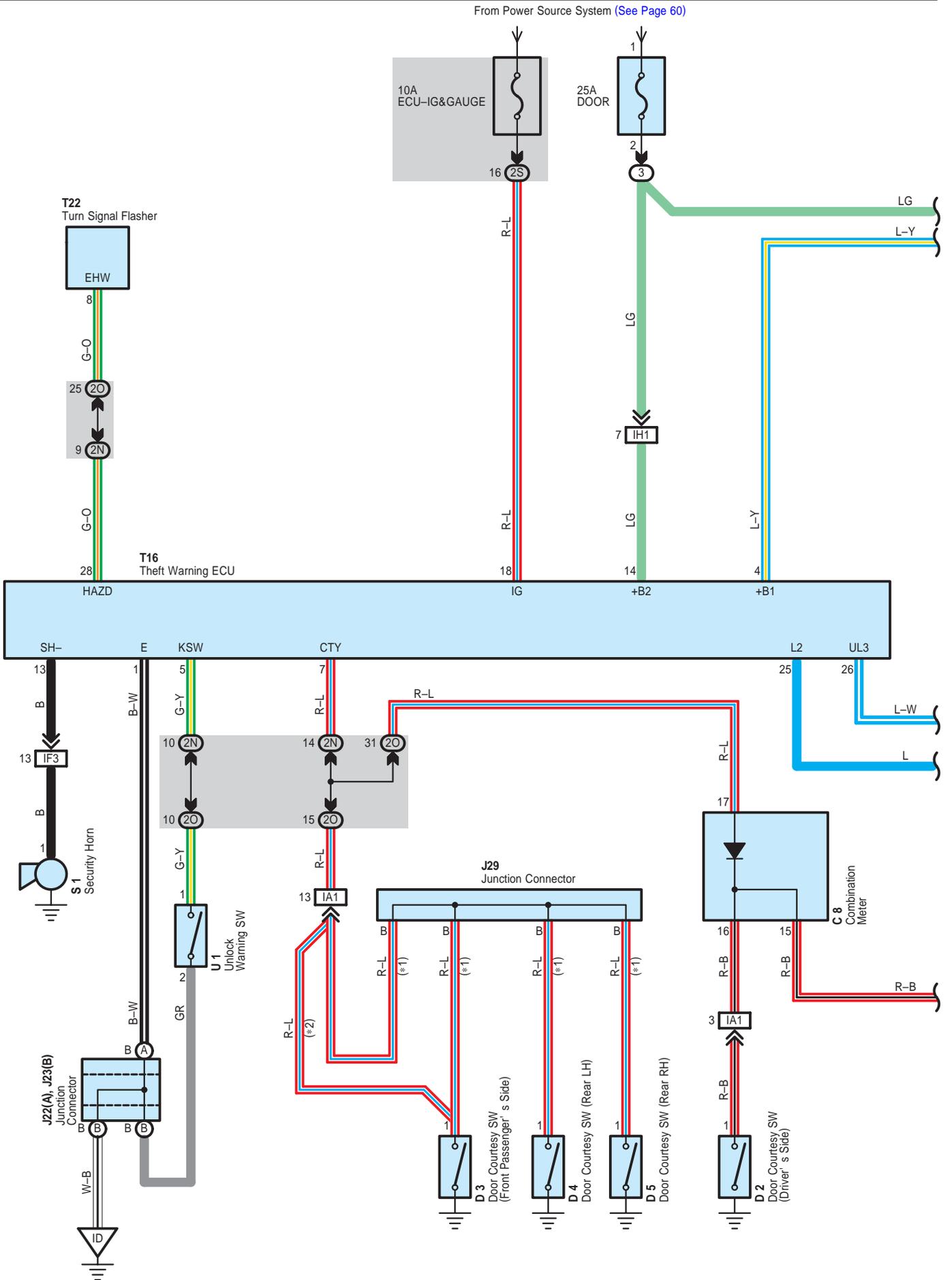
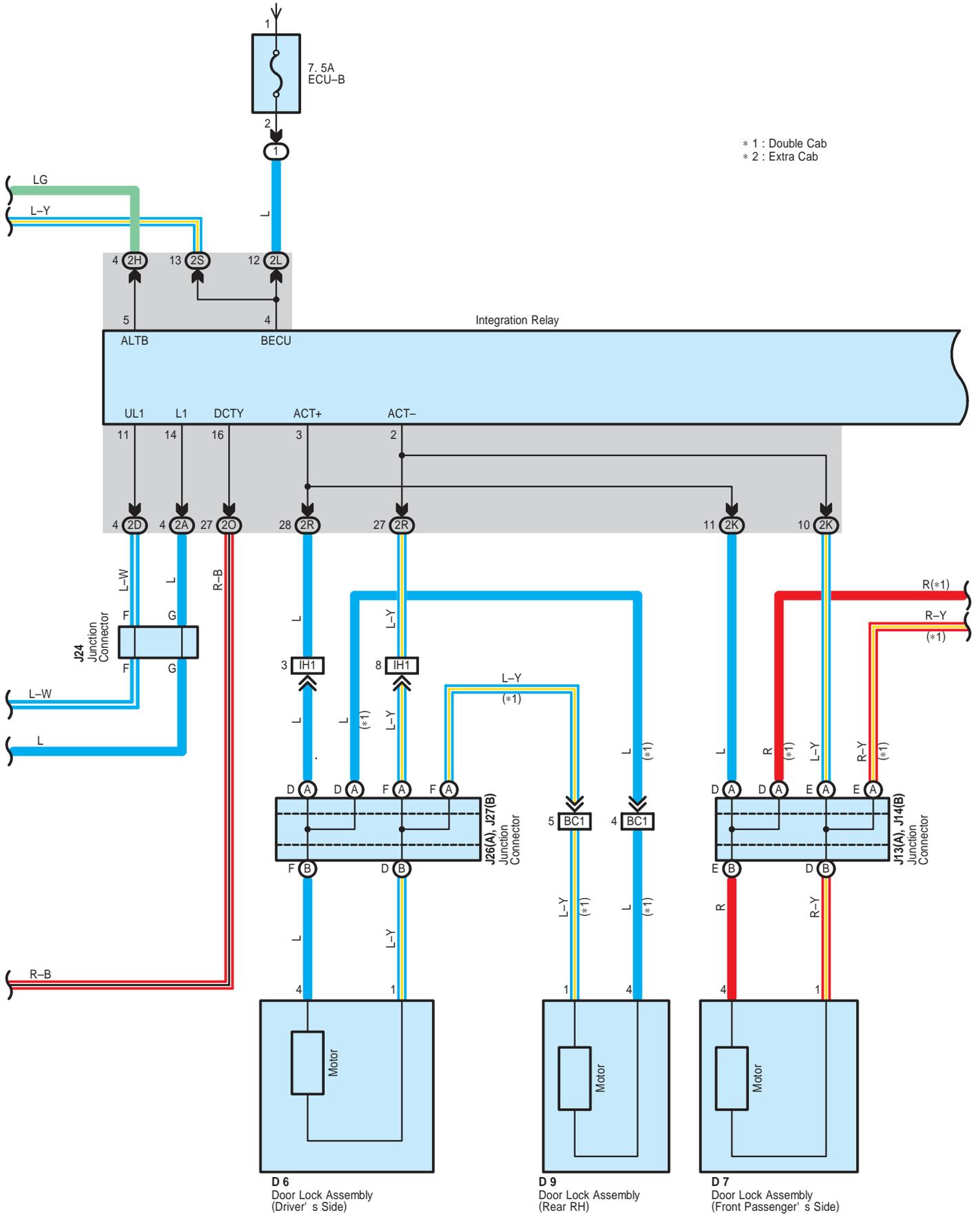


Wireless Door Lock Control

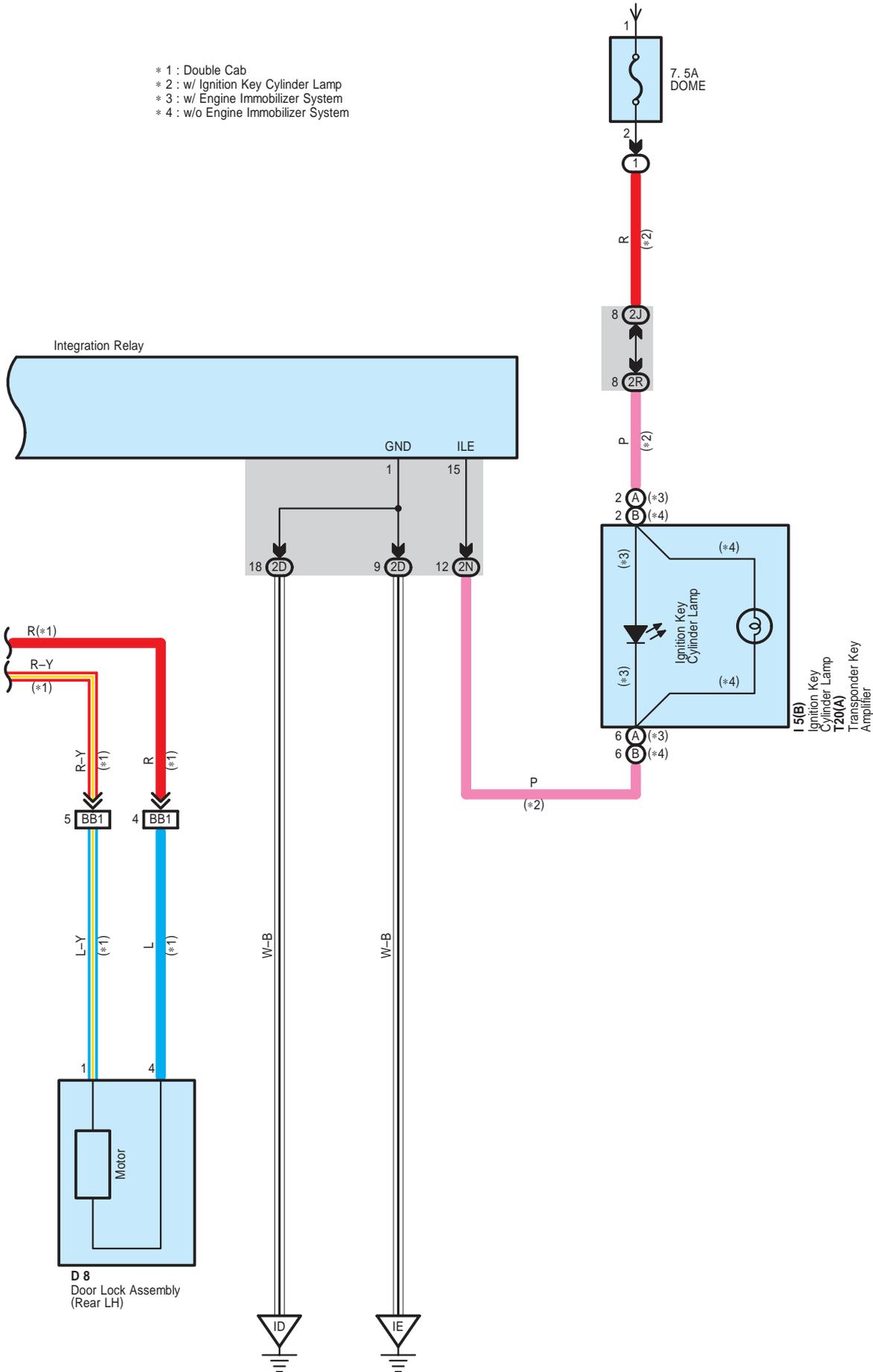




Wireless Door Lock Control

From Power Source System (See Page 60)

- * 1 : Double Cab
- * 2 : w/ Ignition Key Cylinder Lamp
- * 3 : w/ Engine Immobilizer System
- * 4 : w/o Engine Immobilizer System



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. Normal Operation

* Lock operation

When the lock button on the transmitter is pressed, all the doors are locked.

* Unlock operation

When the unlock button on the transmitter is pressed, all the doors are locked.

2. Visual Confirmation of Lock or Unlock

If all doors indicate that they are locked after the lock command, security horn sound and hazard lights will sound and flash once. If any door indicates that it is open after the unlock command, theft deterrent horn sound and hazard lights will sound and flash twice.

3. Automatic Lock Operation

All the doors are automatically relocked unless any door is opened within 15 seconds after pushing the button (Transmitter) to unlock all the doors under conditions that the ignition key is not inserted into the ignition key cylinder (Unlock warning SW off), ignition SW is at OFF and all the doors are completely closed.

4. Illuminated Entry Function

When pushing the unlock button (Transmitter), it turns on the lights, such as the ignition key cylinder lamp for approx. 30 seconds. If the doors are locked with lock button (Transmitter) during this operation and ignition key is in the ignition key cylinder (Unlock warning SW ON) to turn ON the ignition SW, lighting is cancelled and the lights immediately fade out.

5. Panic Alarm Operation

When the panic button on the transmitter is pushed, alarm sound and flash starts. The panic alarm operation is canceled when one of the lock button, unlock button and panic alarm button is pressed.

6. Door Ajar Warning (By Pushing Wireless Lock Button)

Half-shut door is warned with security horn sound (For 1 second) by pushing the lock button (Transmitter) when one of the doors is not completely shut.

Service Hints

D2, D3, D4, D5 Door Courtesy SW (Driver's Side), (Front Passenger's Side), (Rear LH), (Rear RH)

1-Ground : Continuity with each of the door open

T16 Theft Warning ECU

4, 14-Ground : Always approx. 12 volts

1-Ground : Always continuity

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

U1 Unlock Warning SW

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

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C8	38	D6	44 (Single Cab)	J24	38
D2	40 (Double Cab)	D7	40 (Double Cab)	J26 A	38
	42 (Extra Cab)		42 (Extra Cab)	J27 B	38
	44 (Single Cab)		44 (Single Cab)	J29	38
D3	40 (Double Cab)	D8	40 (Double Cab)	S1	37
	42 (Extra Cab)	D9	40 (Double Cab)	T16	39
	44 (Single Cab)	I5 B	38	T20 A	39
D4	40 (Double Cab)	J13 A	38	T22	39
D5	40 (Double Cab)	J14 B	38	U1	39
D6	40 (Double Cab)	J22 A	38		
	42 (Extra Cab)	J23 B	38		

Wireless Door Lock Control

: Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
1	22	Engine Room R/B (Engine Compartment Left)
3	35	R/B No.3 (Cowl Side Panel LH)

: Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
2A	28	Instrument Panel Wire and Driver Side J/B (Instrument Panel Brace RH)
2D		
2H	28	Floor Wire and Driver Side J/B (Instrument Panel Brace RH)
2J	28	Engine Room Main Wire and Driver Side J/B (Instrument Panel Brace RH)
2K	28	Floor Wire and Driver Side J/B (Instrument Panel Brace RH)
2L	28	Engine Room Main Wire and Driver Side J/B (Instrument Panel Brace RH)
2N	29	Instrument Panel Wire and Driver Side J/B (Instrument Panel Brace RH)
2O		
2R		
2S		

: Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IA1	48	Instrument Panel Wire and Floor Wire (Left Kick Panel)
IF3	50	Engine Room Main Wire and Instrument Panel Wire (Behind the Driver Side J/B)
IH1	50	Instrument Panel Wire and Floor Wire (Right Kick Panel)
BB1	52 (Double Cab)	Rear Door No.1 Wire LH and Floor Wire (Center Pillar LH)
BC1	52 (Double Cab)	Rear Door No.1 Wire RH and Floor Wire (Center Pillar RH)

: Ground Points

Code	See Page	Ground Points Location
ID	48	Instrument Panel Reinforcement Center
IE	48	Instrument Panel Reinforcement RH