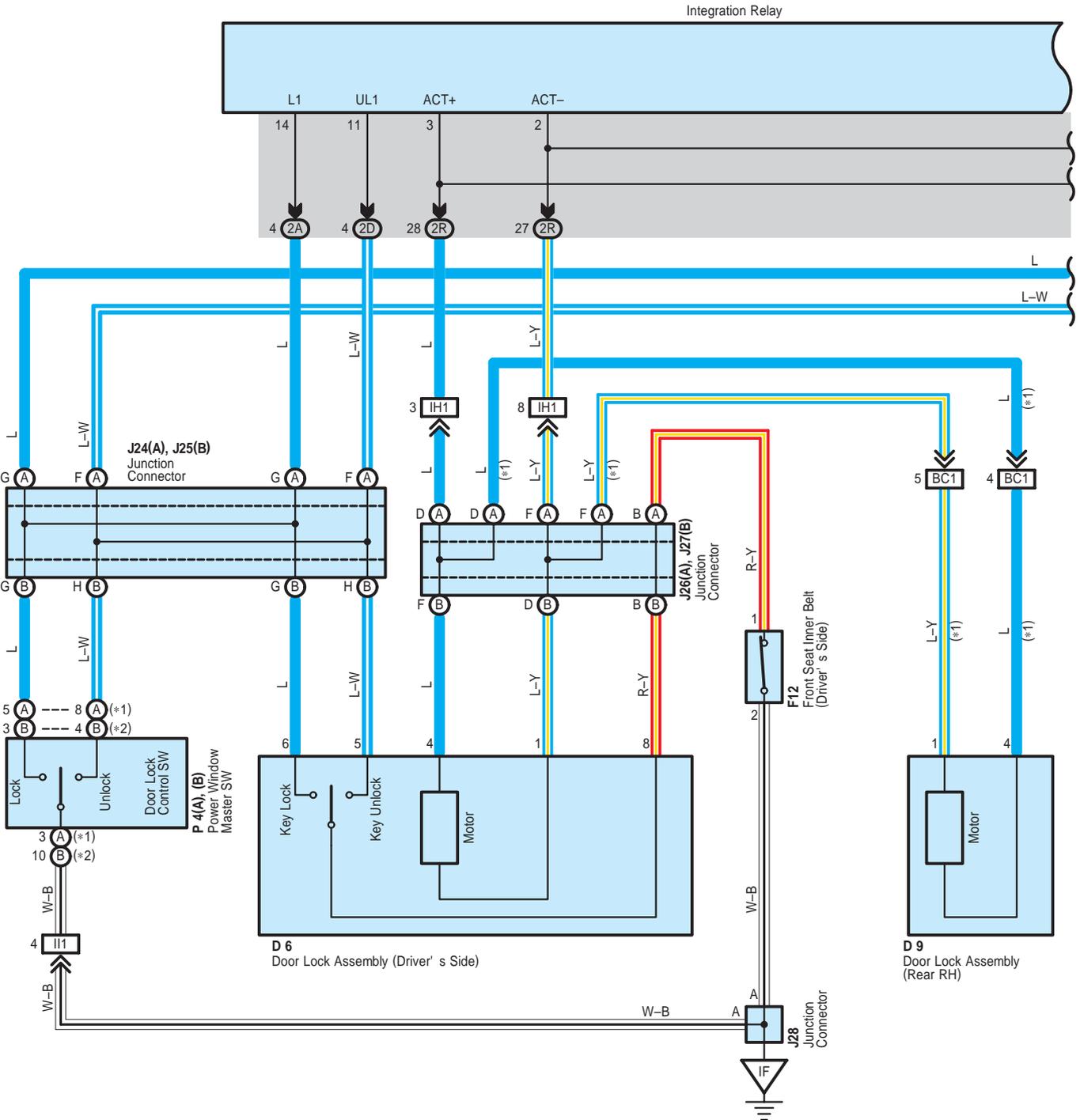
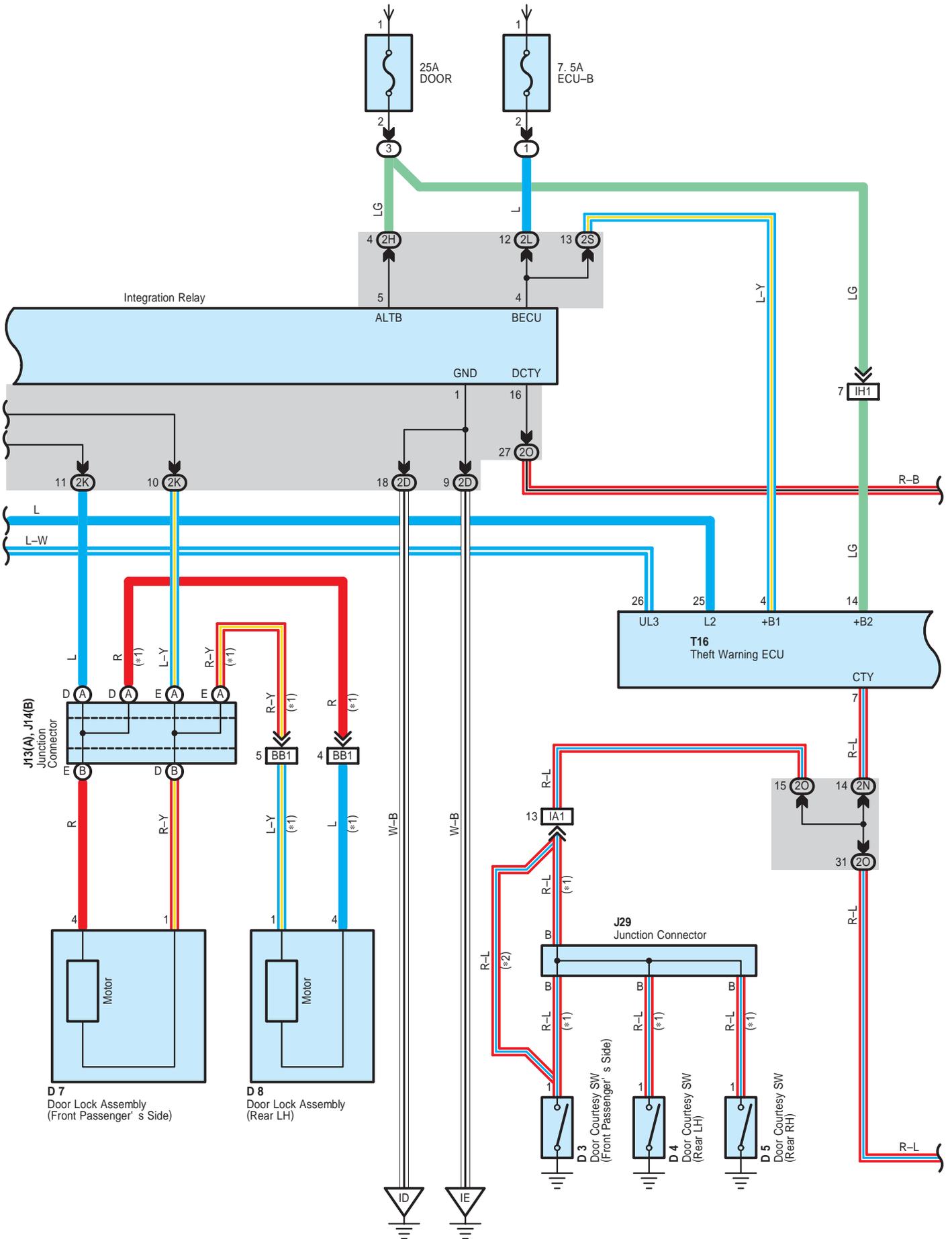


Door Lock Control

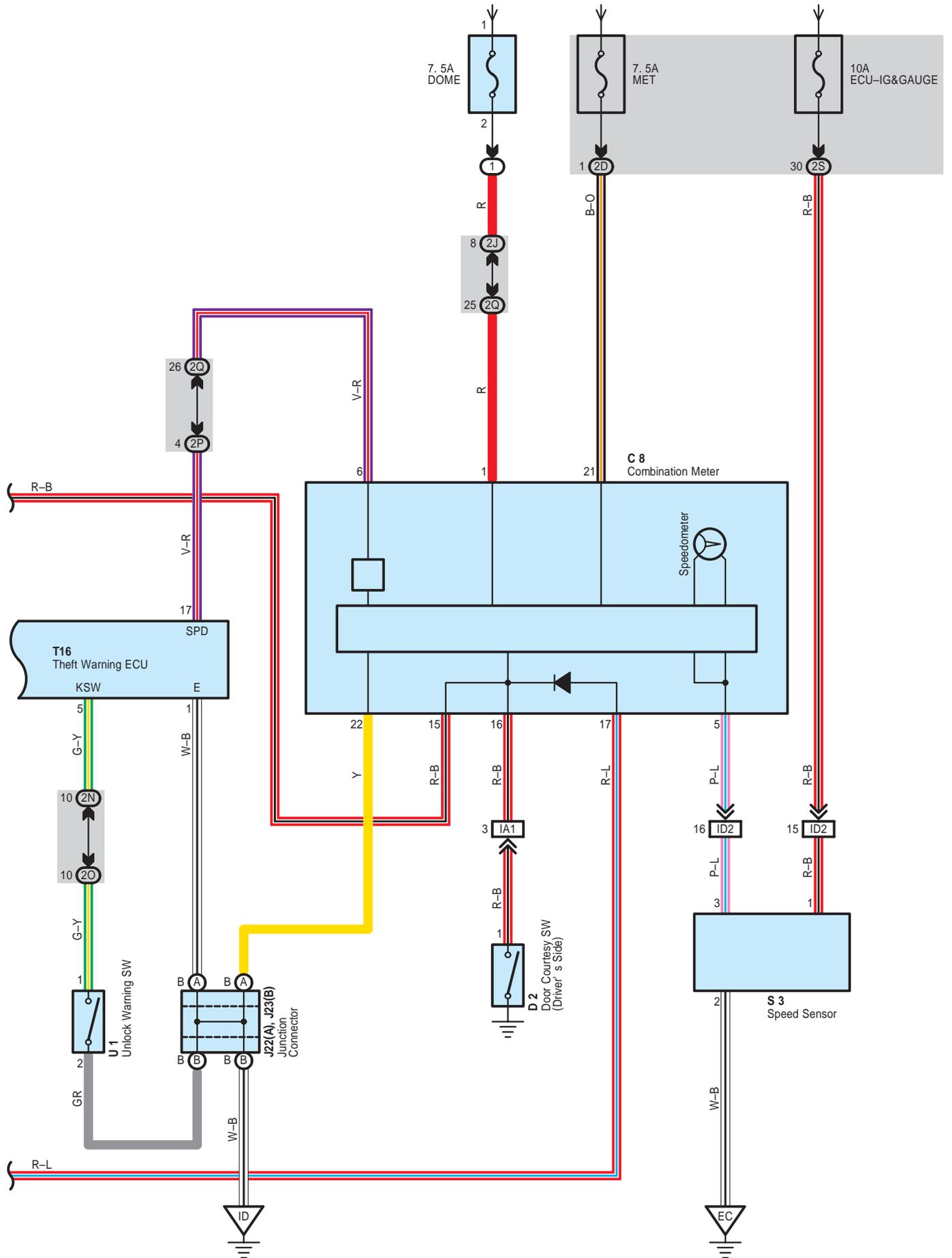
- * 1 : Double Cab
- * 2 : Extra Cab





Door Lock Control

From Power Source System (See Page 60)



System Outline

1. Manual Lock Operation

When the door lock control SW or driver's side door key lock and unlock SW (When driver's seat belt is unfastened) are operated to LOCK position, a lock signal is input to TERMINAL 14 of the integration relay and causes the integration relay to function. The current flows from TERMINAL 5 of the integration relay to TERMINAL 3 to the door lock motors to TERMINAL 2 of the integration relay to TERMINAL 1 to GROUND and the door lock motors locks the door.

2. Manual Unlock Operation

When the door lock control SW or driver's side door key lock and unlock SW (When driver's seat belt is unfastened) are operated to UNLOCK position, an unlock signal is input to TERMINAL 11 of the integration relay and causes the integration relay to function. The current flows from TERMINAL 5 of the integration relay to TERMINAL 2 to the door lock motors to TERMINAL 3 of the integration relay to TERMINAL 1 to GROUND and the door lock motors unlocks the door.

3. Speed-Sensitive Automatic Door Lock

Under the precondition that one of the doors is opened with the ignition SW OFF, the theft warning ECU outputs lock signal to the integration relay and the relay sends the lock signal to all the door lock motors when all the flowing conditions are satisfied.

- * All the door are shut.
- * The unlock warning SW is ON besides the ignition SW is ON.
- * The vehicle speed reaches about 25km/h.

4. Ignition SW Linked Automatic Door Unlock

Under the precondition that the unlock warning SW is ON as well as the ignition SW is ON after door locked by the speed-sensitive automatic door lock, the theft warning ECU outputs unlock signal to the integration relay and the relay sends the unlock signal to all the door lock motor when all the flowing conditions are satisfied.

- * The unlock warning SW is ON.
- * The ignition SW is OFF.

Service Hints

Integration Relay

- 1-Ground : Always continuity
- 4, 5-Ground : Always approx. 12 volts
- 14-Ground : Continuity with the door lock control SW or door key lock and unlock SW (When driver's seat belt is unfastened) locked
- 11-Ground : Continuity with the door lock control SW or door key lock and unlock SW (When driver's seat belt is unfastened) unlocked

D6 Door Lock Assembly (Driver's Side)

- 5-8 : Continuity with the door lock cylinder unlocked with the key
- 6-8 : Continuity with the door lock cylinder locked with the key

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page
C8	38	D7	40 (Double Cab)	J24	A 38
D2	40 (Double Cab)		42 (Extra Cab)	J25	B 38
	42 (Extra Cab)		44 (Single Cab)	J26	A 38
D3	44 (Single Cab)	D8	40 (Double Cab)	J27	B 38
	40 (Double Cab)	F12	40 (Double Cab)	J28	38
	42 (Extra Cab)		40 (Double Cab)	J29	38
44 (Single Cab)	42 (Extra Cab)		P4	40 (Double Cab)	
D4	40 (Double Cab)	44 (Single Cab)		42 (Extra Cab)	
D5	40 (Double Cab)	J13		A 38	44 (Single Cab)
D6	40 (Double Cab)	J14	B 38	S3	37
	42 (Extra Cab)	J22	A 38	T16	39
	44 (Single Cab)	J23	B 38	U1	39

○ : 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)