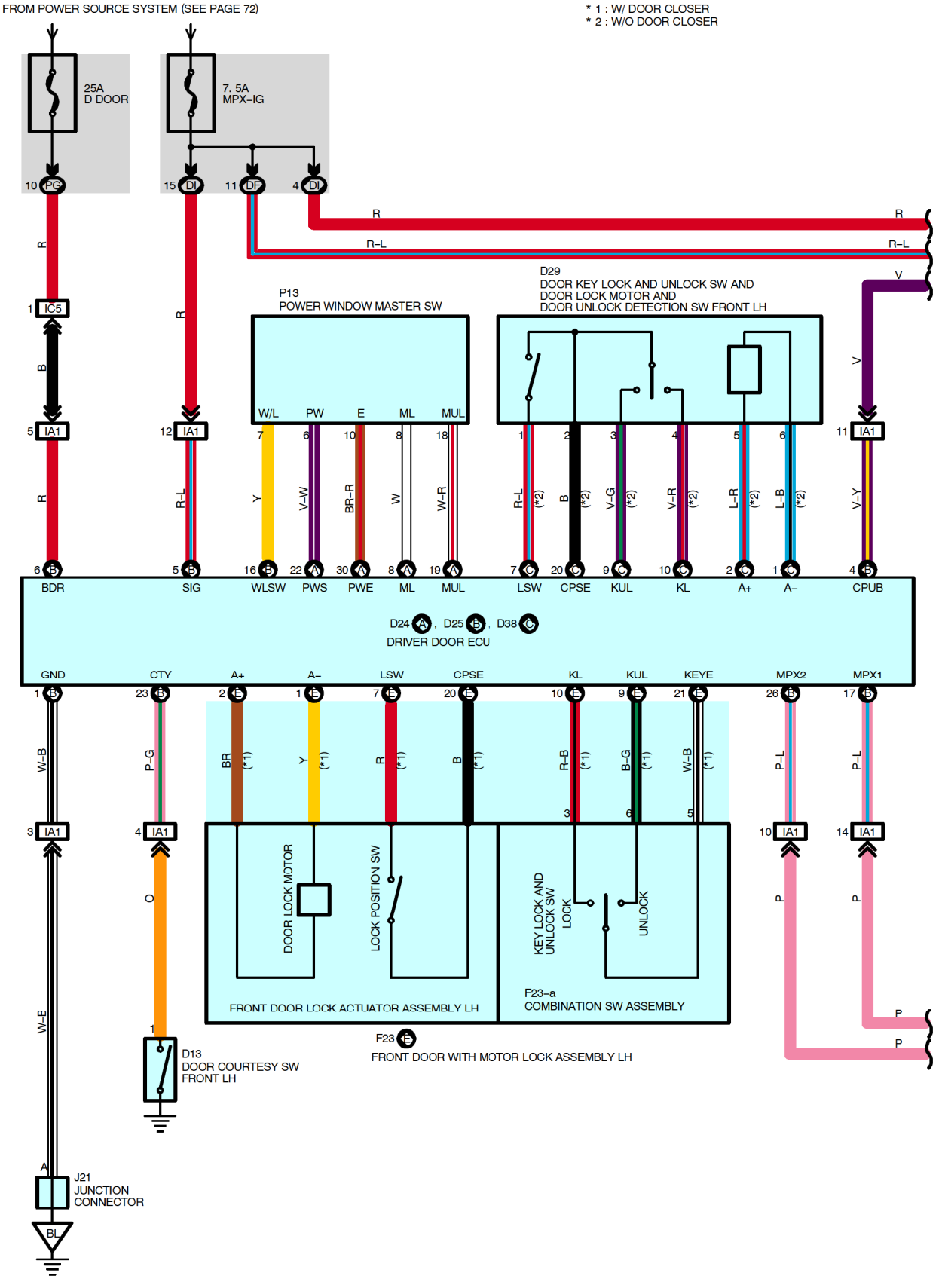
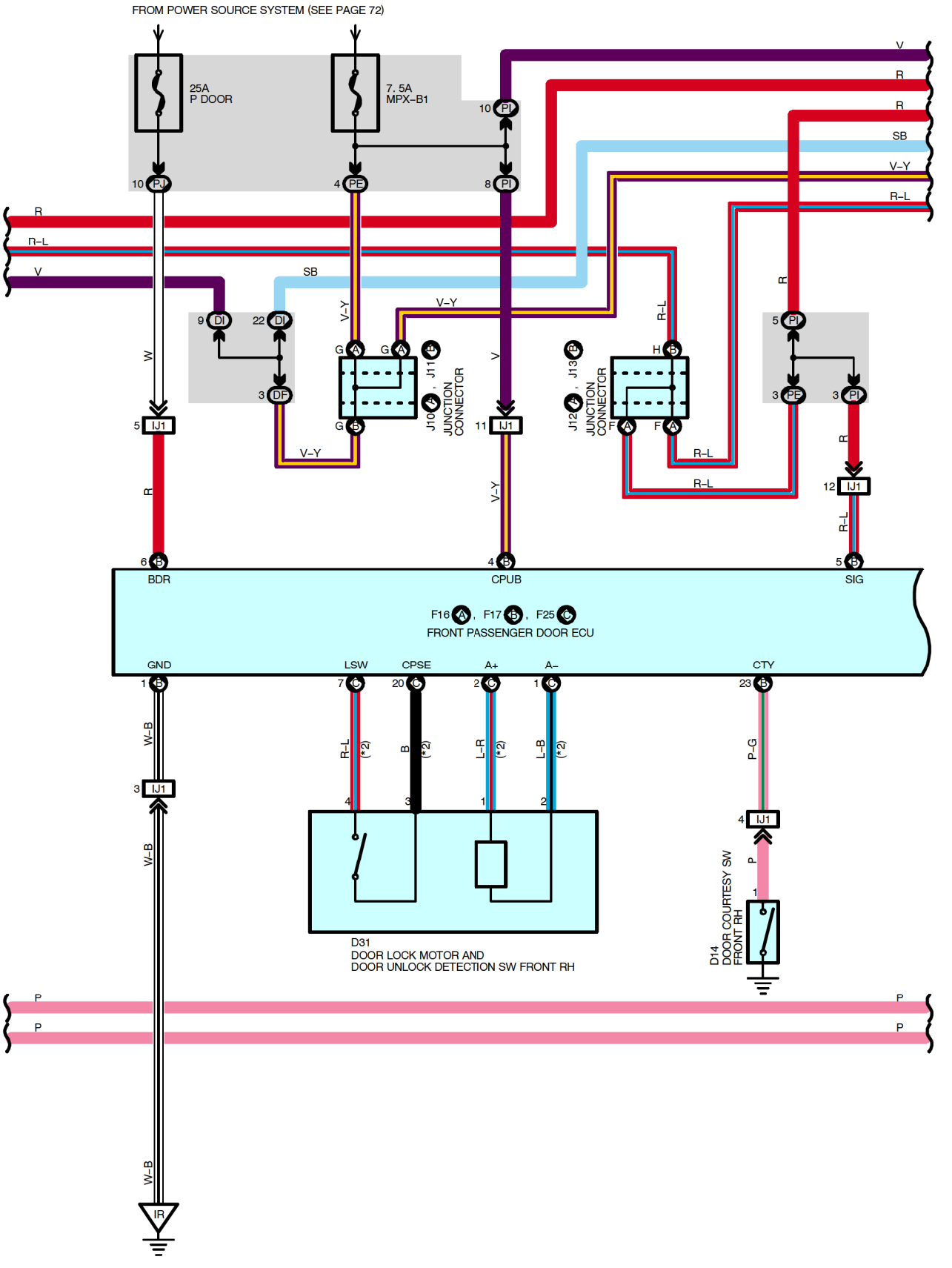
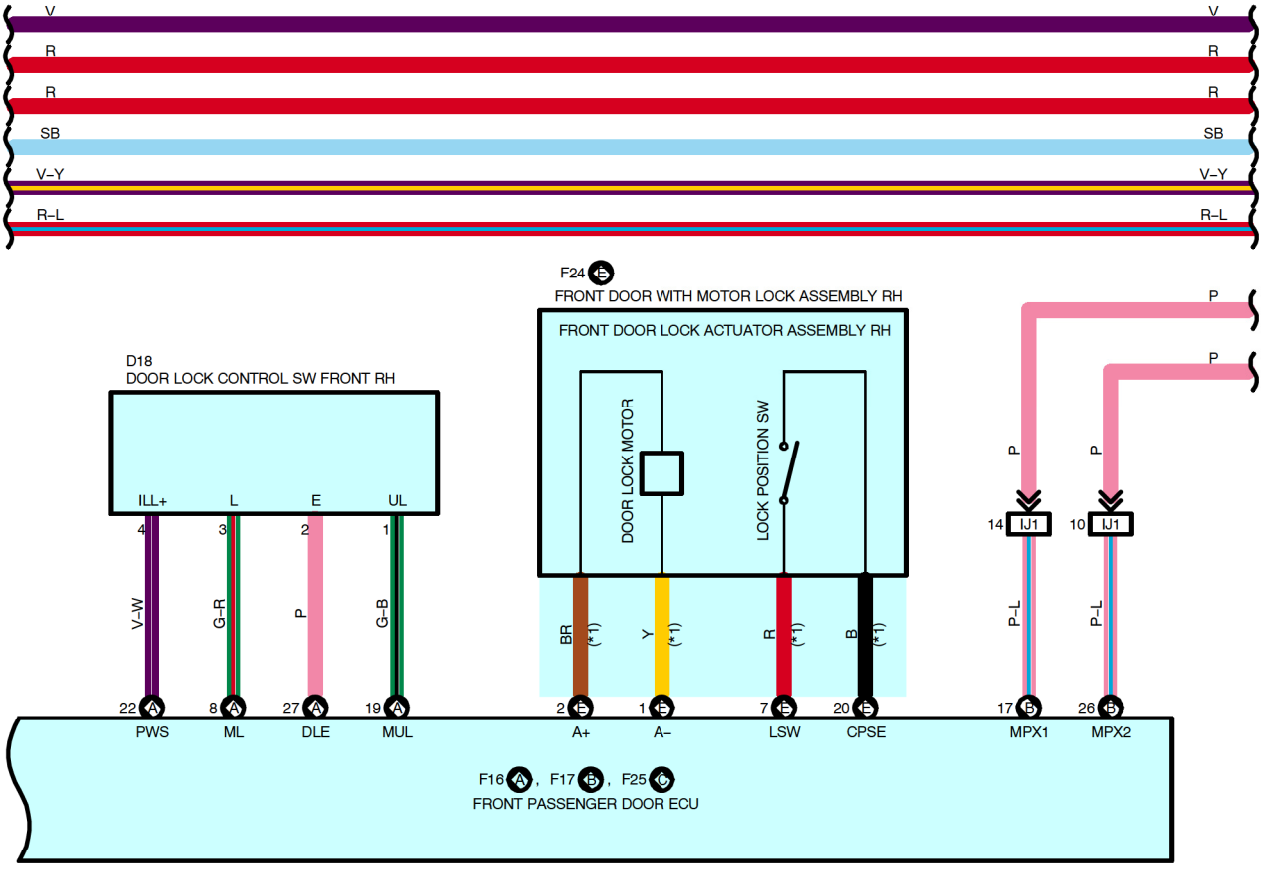
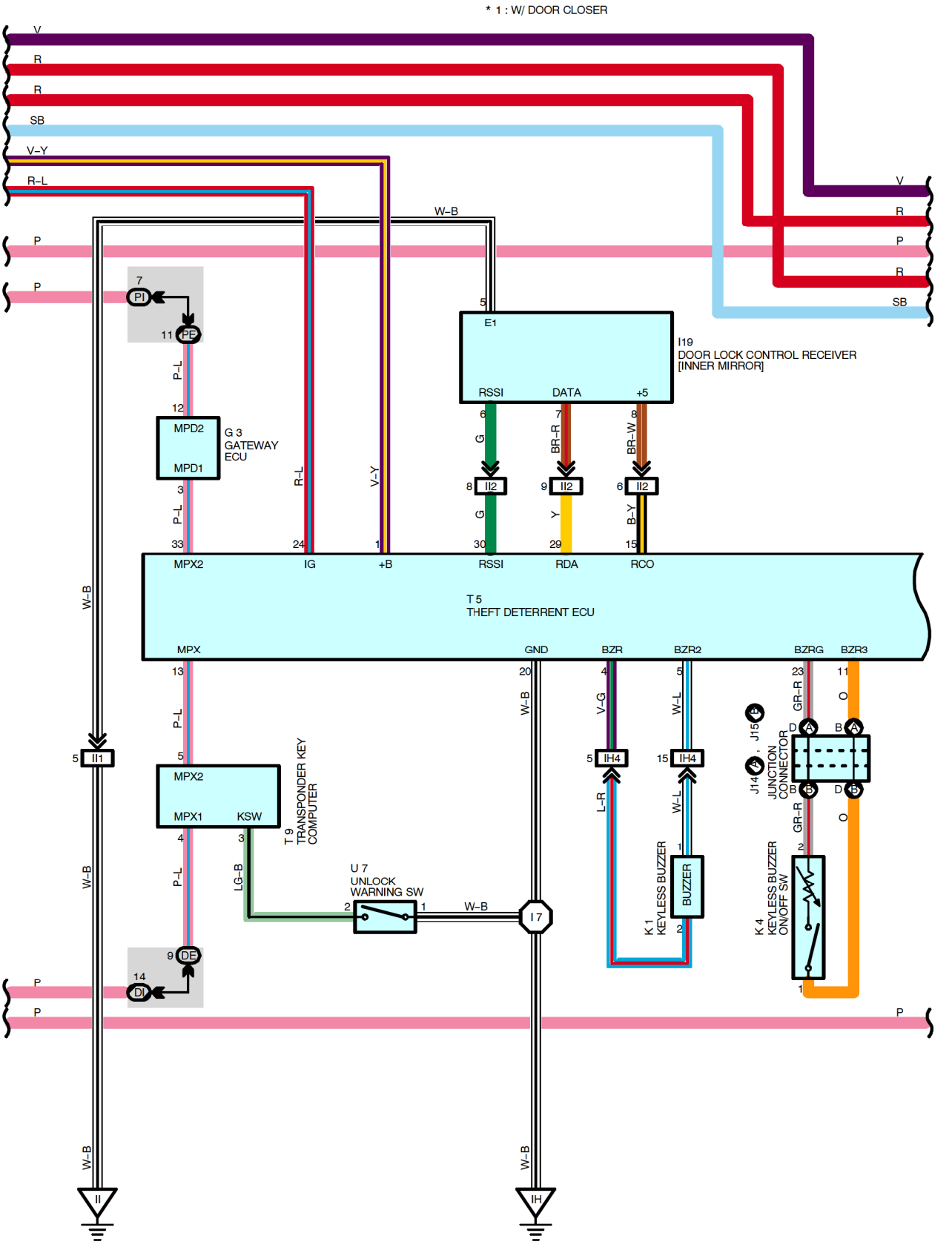
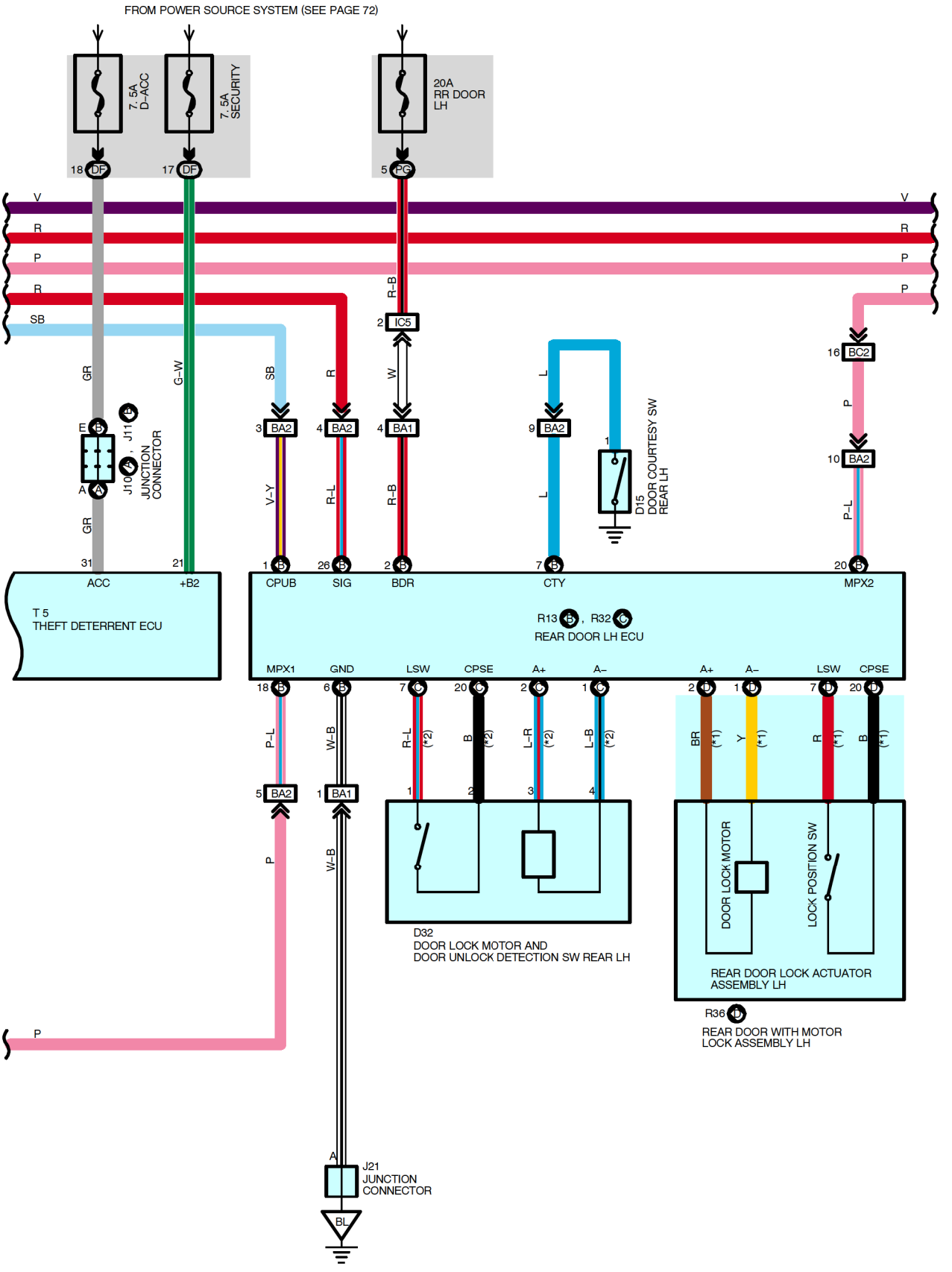

FROM POWER SOURCE SYSTEM (SEE PAGE 72)
* 1 : W/ DOOR CLOSER
* 2 : W/O DOOR CLOSER
25A
D DOOR
7. 5A
MPX–IG
P13
POWER WINDOW MASTER SW
D29
DOOR KEY LOCK AND UNLOCK SW AND
DOOR LOCK MOTOR AND
DOOR UNLOCK DETECTION SW FRONT LH
W/L
PW
E
ML
MUL
BDR
SIG
WLSW
PWS
PWE
ML
MUL
LSW
CPSE
KUL
KL
A+
A–
CPUB
D24 , D25 , D38
DRIVER DOOR ECU
GND
CTY
A+
A–
LSW
CPSE
KL
KUL
KEYE
MPX2
MPX1
DOOR LOCK MOTOR
LOCK POSITION SW
KEY LOCK AND
UNLOCK SW
LOCK
UNLOCK
FRONT DOOR LOCK ACTUATOR ASSEMBLY LH
F23–a
COMBINATION SW ASSEMBLY
F23
FRONT DOOR WITH MOTOR LOCK ASSEMBLY LH
D13
DOOR COURTESY SW
FRONT LH
J21
JUNCTION
CONNECTOR
BL

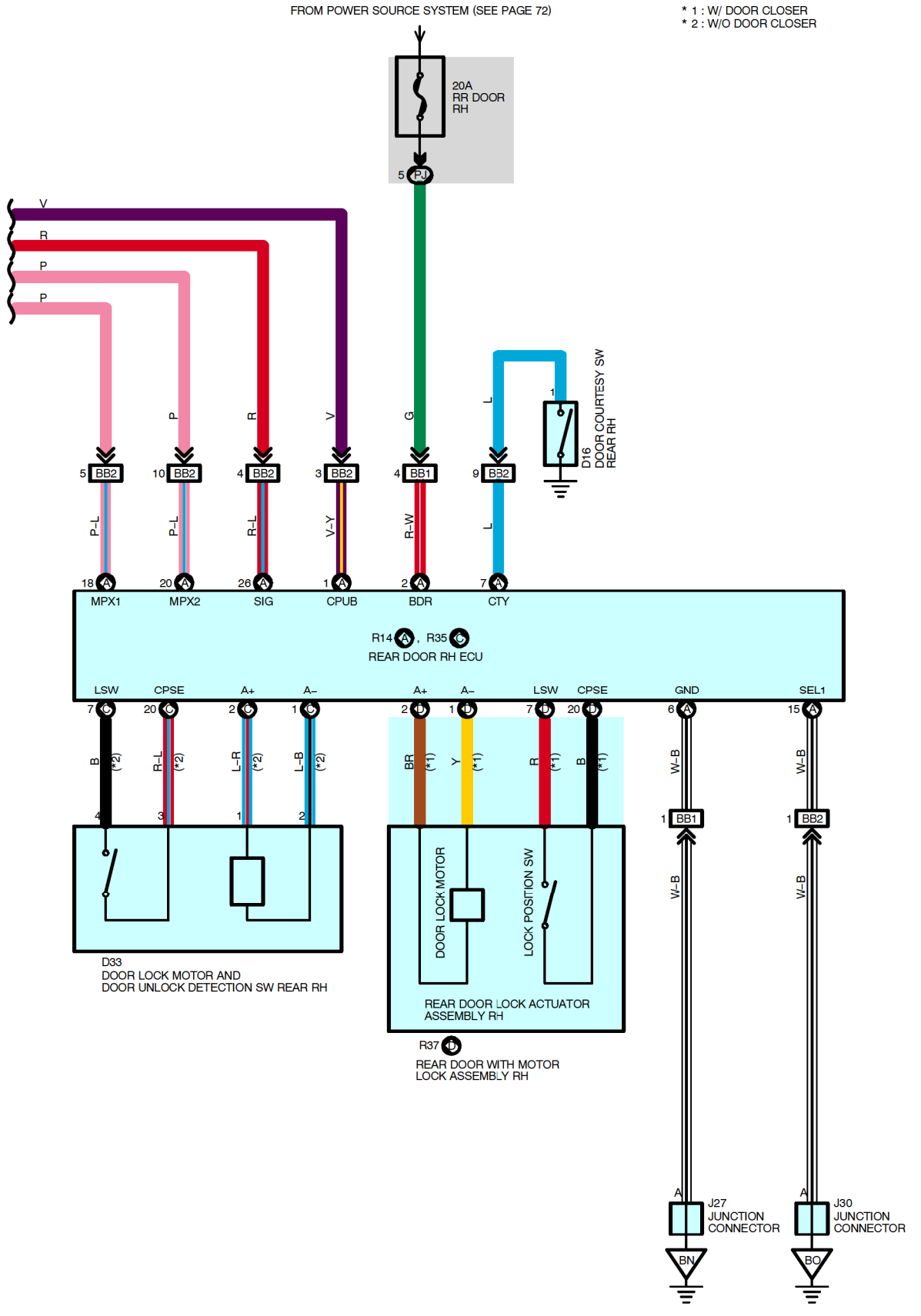

FROM POWER SOURCE SYSTEM (SEE PAGE 72)
25A
P DOOR
7. 5A
MPX–B1
10 PJ
4 PE
8 PI
10 PI
V
R
R
SB
V–Y
R–L
R
R–L
V
W
SB
9 DI
22 DI
3 DF
V–Y
G A
G A
G B
J10 , J11
JUNCTION CONNECTOR
V–Y
R–L
H B
F A
F A
J12 , J13
JUNCTION CONNECTOR
R–L
R–L
5 PI
3 PE
3 PI
R
12 IJ1
R–L
5 IJ1
R
11 IJ1
V–Y
6 B
4 B
5 B
BDR
CPUB
SIG
F16 A , F17 B , F25 C
FRONT PASSENGER DOOR ECU
GND
LSW
CPSE
A+
A–
CTY
1 B
7 C
20 C
2 C
1 C
23 B
W–B
R–L (*2)
B (*2)
L–R (*2)
L–B (*2)
P–G
3 IJ1
4
3
1
2
4 IJ1
W–B
P
1
D31
DOOR LOCK MOTOR AND
DOOR UNLOCK DETECTION SW FRONT RH
D14
DOOR COURTESY SW
FRONT RH
P
P
P
P
W–B
IR


V
R
R
SB
V–Y
R–L
V
R
R
SB
V–Y
R–L
F24
FRONT DOOR WITH MOTOR LOCK ASSEMBLY RH
FRONT DOOR LOCK ACTUATOR ASSEMBLY RH
DOOR LOCK MOTOR
LOCK POSITION SW
D18
DOOR LOCK CONTROL SW FRONT RH
ILL+
L
E
UL
4
3
2
1
V–W
G–R
P
G–B
22
8
27
19
PWS
ML
DLE
MUL
BR
(*1)
Y
(*1)
R
(*1)
B
(*1)
2
1
7
20
A+
A–
LSW
CPSE
P
P
P
P
14
IJ1
10
IJ1
P–L
P–L
17
26
MPX1
MPX2
F16
F17
F25
FRONT PASSENGER DOOR ECU


P
P
P
P


* 1 : W/ DOOR CLOSER
V
R
R
SB
V–Y
R–L
W–B
P
P
V
R
P
R
SB
7
PI
11
PE
P–L
12
MPD2
MPD1
G 3
GATEWAY
ECU
3
P–L
33
MPX2
R–L
24
IG
V–Y
1
+B
5
E1
I19
DOOR LOCK CONTROL RECEIVER
[INNER MIRROR]
RSSI
DATA
+5
6
G
8
II2
G
30
RSSI
7
BR–R
9
II2
Y
29
RDA
8
BR–W
6
II2
B–Y
15
RCO
T 5
THEFT DETERRENT ECU
MPX
GND
BZR
BZR2
BZRG
BZR3
13
P–L
5
MPX2
MPX1
KSW
4
P–L
3
LG–B
T 9
TRANSPONDER KEY
COMPUTER
U 7
UNLOCK
WARNING SW
2
1
W–B
I 7
20
W–B
4
V–G
5
IH4
L–R
5
W–L
15
IH4
W–L
1
BUZZER
K 1
KEYLESS BUZZER
23
GR–R
11
O
J15
J14
JUNCTION
CONNECTOR
GR–R
O
K 4
KEYLESS BUZZER
ON/OFF SW
2
1
5
II1
W–B
W–B
II
W–B
IH
9
DE
14
DI
P
P
P


FROM POWER SOURCE SYSTEM (SEE PAGE 72)
7.5A D-ACC
7.5A SECURITY
20A RR DOOR LH
18 DF
17 DF
5 PG
V
R
P
R
SB
R-B
2 IC5
W
GR
G-W
SB
R
L
16 BC2
P
E J11
A J10
JUNCTION CONNECTOR
3 BA2
4 BA2
4 BA1
9 BA2
10 BA2
P-L
L
L
1
D15
DOOR COURTESY SW REAR LH
GR
V-Y
R-L
R-B
31
21
1
26
2
7
20
ACC
+B2
CPUB
SIG
BDR
CTY
MPX2
T 5
THEFT DETERRENT ECU
R13 B , R32 C
REAR DOOR LH ECU
MPX1
GND
LSW
CPSE
A+
A–
A+
A–
LSW
CPSE
18
6
7
20
2
1
2
1
7
20
P-L
W-B
R-L (*2)
B (*2)
L-R (*2)
L-B (*2)
BR (*1)
Y (*1)
R (*1)
B (*1)
5 BA2
1 BA1
1
2
3
4
P
W-B
D32
DOOR LOCK MOTOR AND
DOOR UNLOCK DETECTION SW REAR LH
DOOR LOCK MOTOR
LOCK POSITION SW
REAR DOOR LOCK ACTUATOR ASSEMBLY LH
R36 D
REAR DOOR WITH MOTOR LOCK ASSEMBLY LH
P
A
J21
JUNCTION CONNECTOR
BL


FROM POWER SOURCE SYSTEM (SEE PAGE 72)
* 1 : W/ DOOR CLOSER
* 2 : W/O DOOR CLOSER
20A
RR DOOR
RH
5 PJ
V
R
P
P
5 BB2
10 BB2
4 BB2
3 BB2
4 BB1
9 B32
P–L
P–L
R–L
V–Y
R–W
L
L
1
D16
DOOR COURTESY SW
REAR RH
18 A
20 A
26 A
1 A
2 A
7 A
MPX1
MPX2
SIG
CPUB
BDR
CTY
R14 A , R35 C
REAR DOOR RH ECU
LSW
CPSE
A+
A–
A+
A–
LSW
CPSE
GND
SEL1
7 C
20 C
2 C
1 C
2 D
1 D
7 D
20 D
6 A
15 A
B (*2)
R–L (*2)
L–R (*2)
L–B (*2)
BR (*1)
Y (*1)
R (*1)
B (*1)
W–B
W–B
4
3
1
2
1 BB1
1 BB2
W–B
W–B
D33
DOOR LOCK MOTOR AND
DOOR UNLOCK DETECTION SW REAR RH
DOOR LOCK MOTOR
LOCK POSITION SW
REAR DOOR LOCK ACTUATOR
ASSEMBLY RH
R37 D
REAR DOOR WITH MOTOR
LOCK ASSEMBLY RH
A
J27
JUNCTION
CONNECTOR
A
J30
JUNCTION
CONNECTOR
BN
BO

SYSTEM OUTLINE

In this system, the door lock control receiver receives weak radio wave transmitted from the transmitter built–into the ignition key and outputs the signal to the theft deterrent ECU. Through communication control of the theft deterrent ECU and door ECU etc. , all the doors and the luggage door can be locked and unlocked by the remote control.

1. NORMAL OPERATION

* Lock operation
  When the lock SW on the transmitter is pressed, all the doors are locked.
* Unlock operation
  When the unlock SW on the transmitter is pressed once, only the driver door is unlocked. When the unlock SW is pressed again within 3 sec., all the doors are unlocked.
* Luggage door unlock operation
  When the luggage door unlock SW is kept pressed for approximately 1.0 sec. or longer, the luggage door is opened.

2. AUTO LOCK FUNCTION

If the door is not actually opened within 30 sec. after the door has been unlocked by pressing the unlock SW on the transmitter, all the doors are automatically locked. If any of the following conditions is detected, the auto lock does not function.
Any door is opened.
The ignition key is inserted into the ignition SW.
When the lock detection SW of all the doors are locked.

3. WIRELESS DOOR LOCK STOP FUNCTION

If any of the following conditions is detected, the wireless door lock does not function.

* Lock operation
  Any door is open (The door courtesy SW is on).
  The ignition key is inserted into the ignition key cylinder (The unlock warning SW is on).
  The ignition SW is turned to the ON position.
* Unlock operation
  The ignition SW is turned to ON position.
* Luggage door unlock operation
  The ignition SW is turned to ON position.

4. ANSER BACK FUNCTION

* When the doors are locked by wireless operation, the buzzer sounds once and the hazard lights blink once.
* When the doors are unlocked by wireless operation, the buzzer sounds twice and hazard lights blink twice.
* When the luggage door is unlocked by wireless operation, the buzzer sounds once.
* When the doors are locked by wireless operation with each door open (Courtesy SW ON), the buzzer sounds. If all the doors are closed, doors are unlocked by wireless operation or buzzer keeps sounding for 10 seconds, the buzzer sounding stops.

5. ILLUMINATED ENTRY FUNCTION

If the doors are unlocked when all the doors are locked, the room light is turned on.

6. PANIC MODE FUNCTION

When the lock switch on the transmitter is kept pressed for approximately 2.5 sec., the theft deterrent ECU receives the signal and enters the panic mode. The theft alarm goes on upon receiving the signal, the theft deterrent ECU, and the headlgihts and taillights flash through the communication of the theft deterrent ECU and door ECU etc. At this time, when any SW on the transmitter is pressed, the panic mode is cancelled, the theft alarm is stopped, and the headlights and taillights go off.

7. REPEAT FUNCTION

If the lock detection signal in response to the output signal is not received after theft deterrent ECU has output the lock signal, the lock signal is output again after approximately 1 sec.

SERVICE HINTS

D25 (B) DRIVER DOOR ECU

(B) 5–GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
(B) 4, (B) 6–GROUND : Always approx. **12** volts
(B) 1–GROUND : Always continuity

F17 (B) FRONT PASSENGER DOOR ECU

(B) 5–GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
(B) 4, (B) 6–GROUND : Always approx. **12** volts
(B) 1–GROUND : Always continuity

R13 REAR DOOR LH ECU

26–GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
1, 2–GROUND : Always approx. **12** volts
6–GROUND : Always continuity

R14 REAR DOOR RH ECU

26–GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
1, 2–GROUND : Always approx. **12** volts
6, 15–GROUND : Always continuity

T5 THEFT DETERRENT ECU

24–GROUND : Approx. **12** volts with ignition SW at **ON** or **ST** position
31–GROUND : Approx. **12** volts with ignition SW at **ON** or **ACC** position
1, 21–GROUND : Always approx. **12** volts
20–GROUND : Always continuity

: PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
D13	50	F23 E	50	K1	44
D14	50	F24 E	50	K4	48
D15	50	F25 C	50	P13	52
D16	50	G3	47	R13 B	52
D18	50	I19	51	R14 A	52
D24 A	50	J10 A	47	R32 C	52
D25 B	50	J11 B	47	R35 C	52
D29	50	J12 A	47	R36 D	52
D31	50	J13 B	47	R37 D	52
D32	50	J14 A	47	T5	49
D33	50	J15 B	47	T9	49
D38 C	50	J21	51	U7	49
F16 A	50	J27	51		
F17 B	50	J30	51		

: JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
DE DF	29	Instrument Panel Wire and Driver Side J/B (Left Kick Panel)
DI	31	Floor No.2 Wire and Driver Side J/B (Left Kick Panel)
PE PG	36	Instrument Panel Wire and Passenger Side J/B (Right Kick Panel)
PI PJ	37	Floor 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)
IA1	58	Front Door LH Wire and Floor No.2 Wire (Left Kick Panel)
IC5	58	Instrument Panel Wire and Floor No.2 Wire (Cowl Side Panel LH)
IH4	60	Instrument Panel Wire and Engine Room Main Wire (Cowl Side Panel RH)
II1	60	Instrument Panel Wire and Roof Wire (Cowl Side Panel RH)
II2		
IJ1	60	Front Door RH Wire and Floor Wire (Right Kick Panel)
BA1	62	Rear Door No.2 Wire and Floor No.2 Wire (Left Center Pillar)
BA2		
BB1	62	Rear Door No.1 Wire and Floor Wire (Right Center Pillar)
BB2		
BC2	62	Floor No.2 Wire and Floor Wire (Rear Floor Partition Panel LH)

: GROUND POINTS

Code	See Page	Ground Points Location
IH	58	Right Side of Shift Lever
II		
IR	58	Under the Front Passenger's Seat
BL	62	Rear Floor Partition Panel LH
BN	62	Rear Floor Partition Panel RH
BO	62	Quarter Panel RH

: SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I7	60	Instrument Panel Wire			