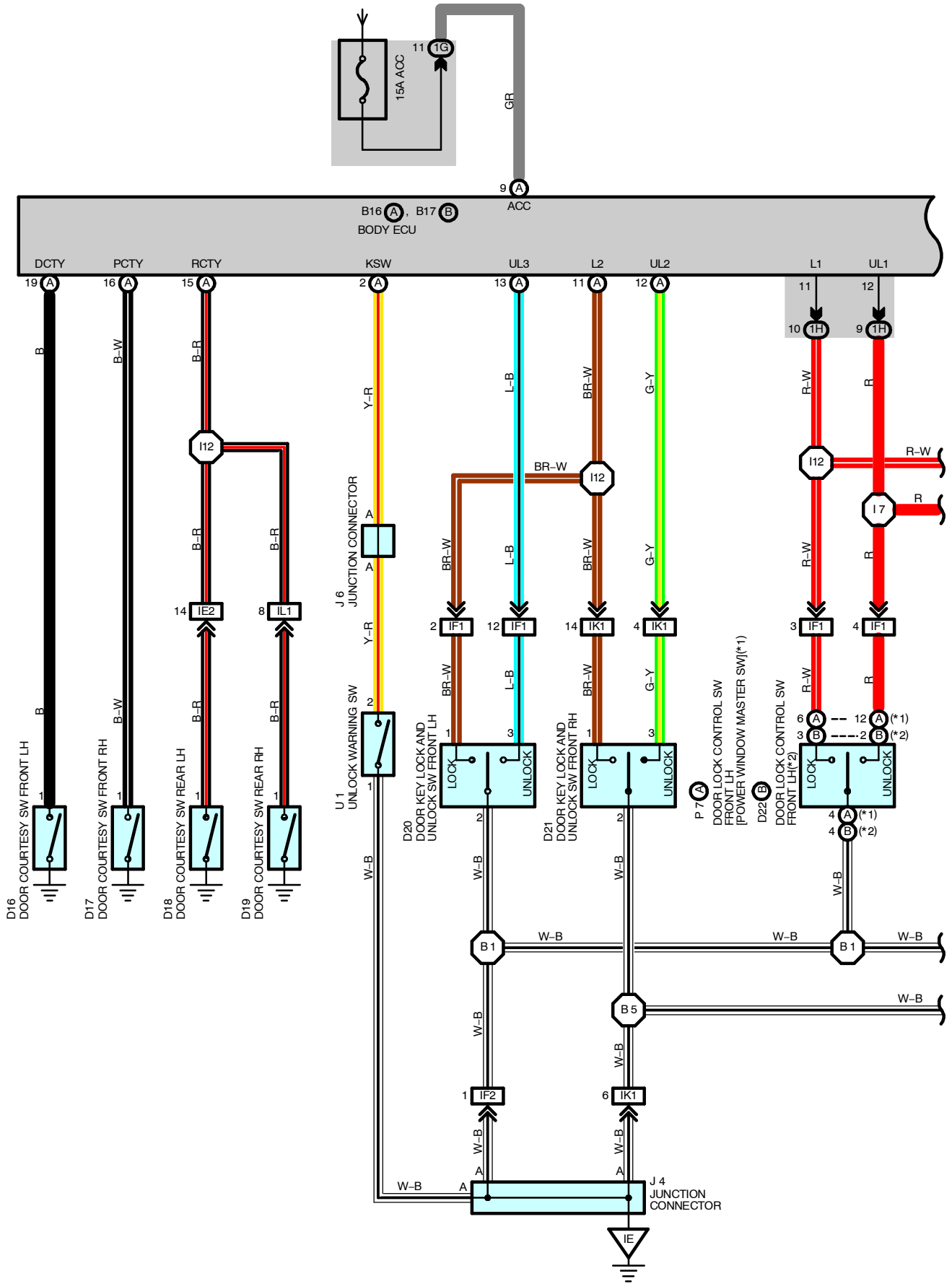
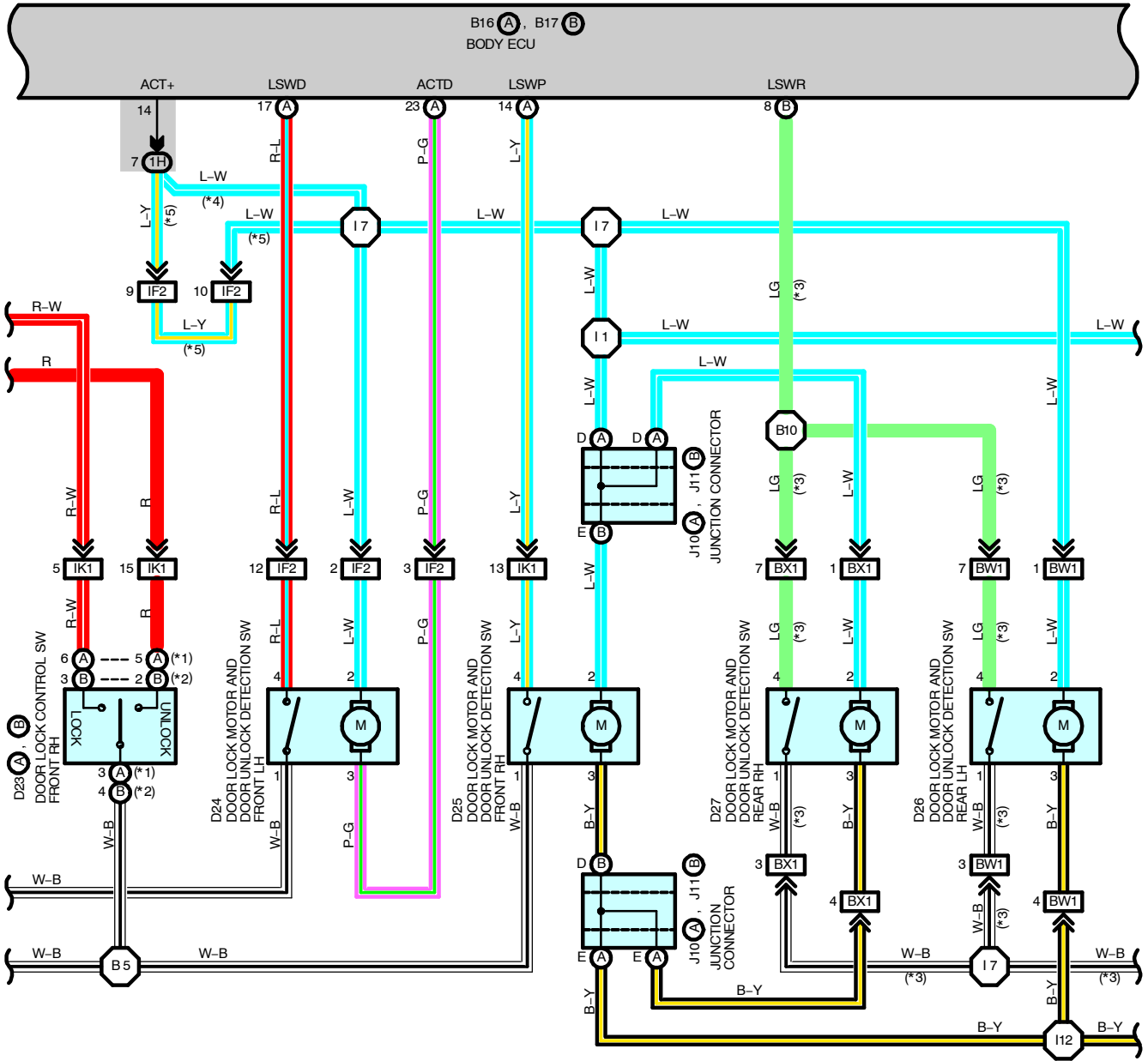


WIRELESS DOOR LOCK CONTROL

FROM POWER SOURCE SYSTEM (SEE PAGE 50)

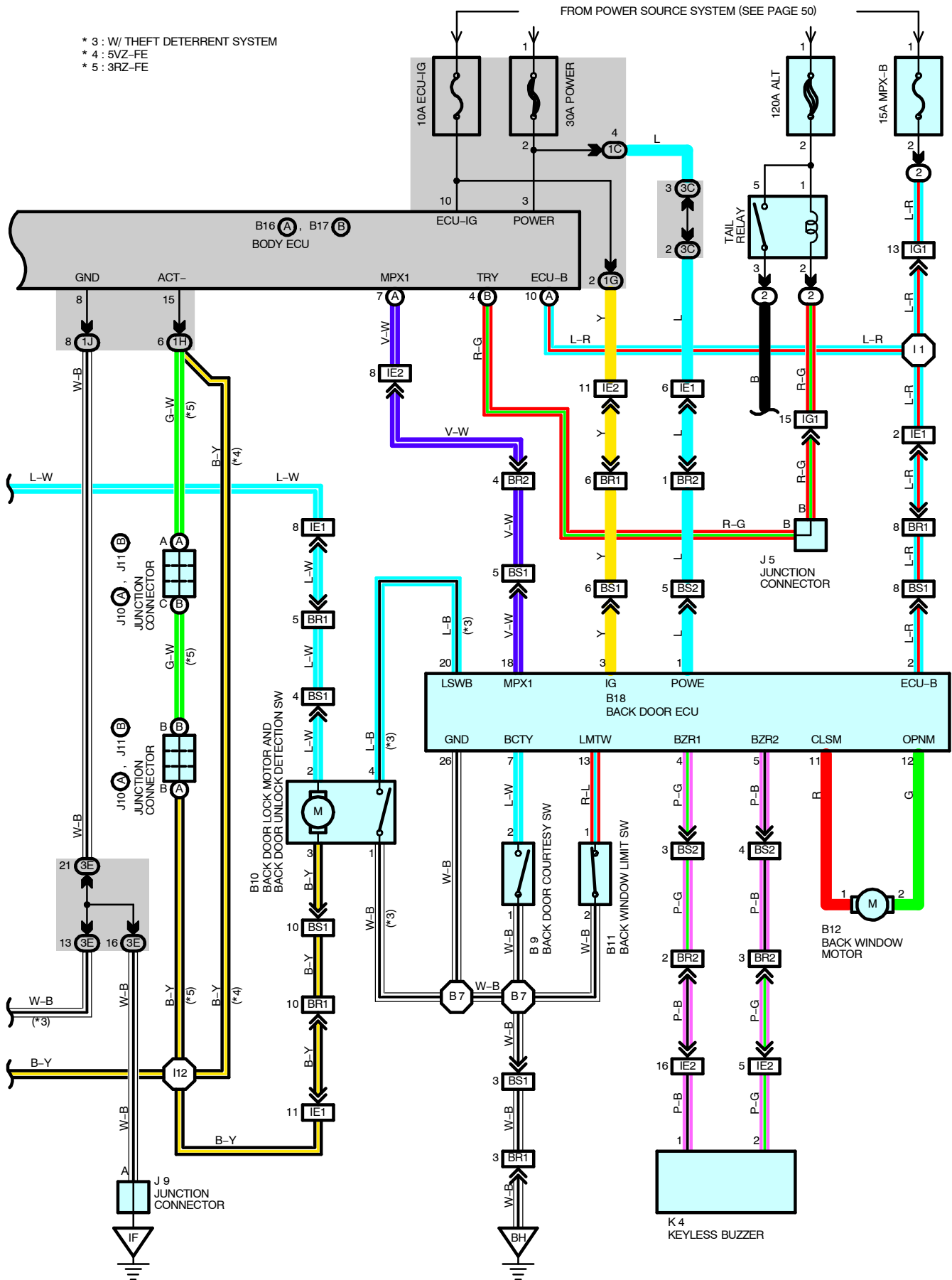


- * 1 : W/ POWER WINDOW
- * 2 : W/O POWER WINDOW
- * 3 : W/ THEFT DETERRENT SYSTEM
- * 4 : 5VZ-FE
- * 5 : 3RZ-FE



WIRELESS DOOR LOCK CONTROL

- * 3 : W/ THEFT DETERRENT SYSTEM
- * 4 : 5VZ-FE
- * 5 : 3RZ-FE



SYSTEM OUTLINE

In this system, the back door ECU receives weak radio wave transmitted from the transmitter built-into the ignition key, and outputs a signal to the body ECU. Accordingly, all the doors are can be locked and unlocked by 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 seconds, all the doors are unlocked.

2. AUTO LOCK FUNCTION

When the door is not actually opened within 30 seconds after the door has been unlocked by the unlock SW on the transmitter, all the doors are automatically locked. If any of the following conditions are detected, the wireless door lock does not function.

* Any door is opened.

* The ignition key is inserted into the ignition SW.

* When the unlock detection SW of all the doors are locked.

3. WIRELESS DOOR LOCK STOP FUNCTION

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

Lock operation

* When any door is open (Door courtesy SW on)

* The ignition key is inserted into the ignition SW (Unlock warning SW on)

* Ignition SW is on

Unlock operation

* Ignition SW is on

4. BUZZER SOUND FUNCTION

During lock operation, when the back door ECU receives a lock signal from the door unlock detection SW, the wireless door lock buzzer goes on once. During unlock operation, when the back door ECU receives an unlock signal from the door unlock detection SW, the keyless buzzer goes on twice.

With any door open, when the back door ECU receives a lock signal from the transmitter, the keyless buzzer goes on for approx. 10 seconds. If the door is closed, or ignition SW is on, or if the unlock signal is received from the transmitter while the buzzer is on, the buzzer stops.

5. VISUAL CONFIRMATION OF LOCK OR UNLOCK

During lock operation, when the back door ECU receives a lock signal from the door unlock detection SW, the taillight and front parking light is flashed once. During unlock operation, when the back door ECU receives an unlock signal from the door unlock detection SW, the taillight and front parking light is flashed twice.

6. PANIC MODE FUNCTION

When the panic SW on the transmitter is pressed, the back door ECU receives a signal and enters the panic mode. The signal input into the body ECU from the back door ECU turns on (during 60 seconds) the theft deterrent horn, the horn LH and RH, and flashes the front parking light, taillight and headlight. When the panic SW or the unlock SW of the transmitter is pressed during the panic mode, the panic mode is canceled, and the theft deterrent horn, the horn LH and RH stop, and the front parking light, taillight and headlight are turned off.

7. REPEAT FUNCTION

If the lock detection signal in response to the output signal is not received after the back door ECU has output the lock signal, the lock signal is output again.

8. BUZZER VOLUME CONTROL

The volume of the keyless buzzer can be set among 5 steps by operating the transmitter, when the ignition SW is off, any door open, and the ignition key is not in the ignition key cylinder.

9. BACK WINDOW CONTROL

When the ignition SW is off, the ignition key is not inserted into the ignition key cylinder, the back window can be opened by pressing the back window open SW of the transmitter for approximately 0.8 seconds. At that time, the keyless buzzer beeps once.

WIRELESS DOOR LOCK CONTROL

SERVICE HINTS

B16 (A), B17 (B) BODY ECU

- 8-GROUND : Always continuity
- 3, (A)10-GROUND : Always approx. 12 volts
- 10-GROUND : Approx. 12 volts with ignition SW at ON or ST position

D24, D25, D26, D27 DOOR LOCK MOTOR AND DOOR UNLOCK DETECTION SW FRONT LH, RH, REAR LH, RH

- 2-GROUND : Approx. 12 volts with door lock motor at lock operation
- 3-GROUND : Approx. 12 volts with door lock motor at unlock operation

B10 BACK DOOR LOCK MOTOR AND BACK DOOR UNLOCK DETECTION SW

- 2-GROUND : Approx. 12 volts with door lock motor at lock operation
- 3-GROUND : Approx. 12 volts with door lock motor at unlock operation

B18 BACK DOOR ECU

- 2-GROUND : Always approx. 12 volts
- 3-GROUND : Approx. 12 volts with ignition SW at ON or ST position
- 26-GROUND : Always continuity

○ : PARTS LOCATION

Code	See Page	Code	See Page	Code	See Page
B9	34	D19	34	J4	33
B10	34	D20	34	J5	33
B11	34	D21	34	J6	33
B12	34	D22	B 34	J9	33
B16	A 32	D23	A 34	J10	A 33
B17	B 32		B 34	J11	B 33
B18	34	D24	34	K4	29 (5VZ-FE)
D16	34	D25	34		31 (3RZ-FE)
D17	34	D26	34	P7	A 35
D18	34	D27	34	U1	33

○ : RELAY BLOCKS

Code	See Page	Relay Blocks (Relay Block Location)
2	22	Engine Room R/B (Engine Compartment Left)

○ : JUNCTION BLOCK AND WIRE HARNESS CONNECTOR

Code	See Page	Junction Block and Wire Harness (Connector Location)
1C	24	Cowl Wire and Driver Side J/B (Lower Finish Panel)
1G		
1H		
1J		
3C	26	Cowl Wire and Center J/B (Near the Steering Column Tube)
3E		

 : CONNECTOR JOINING WIRE HARNESS AND WIRE HARNESS

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IE1	42	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
IE2		
IF1	42	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IF2		
IG1	42	Engine Room Main Wire and Cowl Wire (Left Kick Panel)
IK1	42	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IL1	42	Cowl Wire and Floor Wire (Right Kick Panel)
BR1	44	Back Door No.1 Wire and Floor No.2 Wire (Left Rear Side of Roof)
BR2		
BS1	44	Back Door No.1 Wire and Back Door No.2 Wire (Back Door Left)
BS2		
BW1	44	Rear Door LH Wire and Cowl Wire (Left Center Pillar)
BX1	44	Rear Door RH Wire and Cowl Wire (Right Center Pillar)

 : GROUND POINTS

Code	See Page	Ground Points Location
IE	42	Cowl Side Panel LH
IF	42	Cowl Side Panel RH
BH	44	Left Quarter Panel Inner

 : SPLICE POINTS

Code	See Page	Wire Harness with Splice Points	Code	See Page	Wire Harness with Splice Points
I1	42	Cowl Wire	B5	44	Front Door RH Wire
I7			B7	44	Back Door No.2 Wire
I12			B10	44	Cowl Wire
B1	44	Front Door LH Wire			