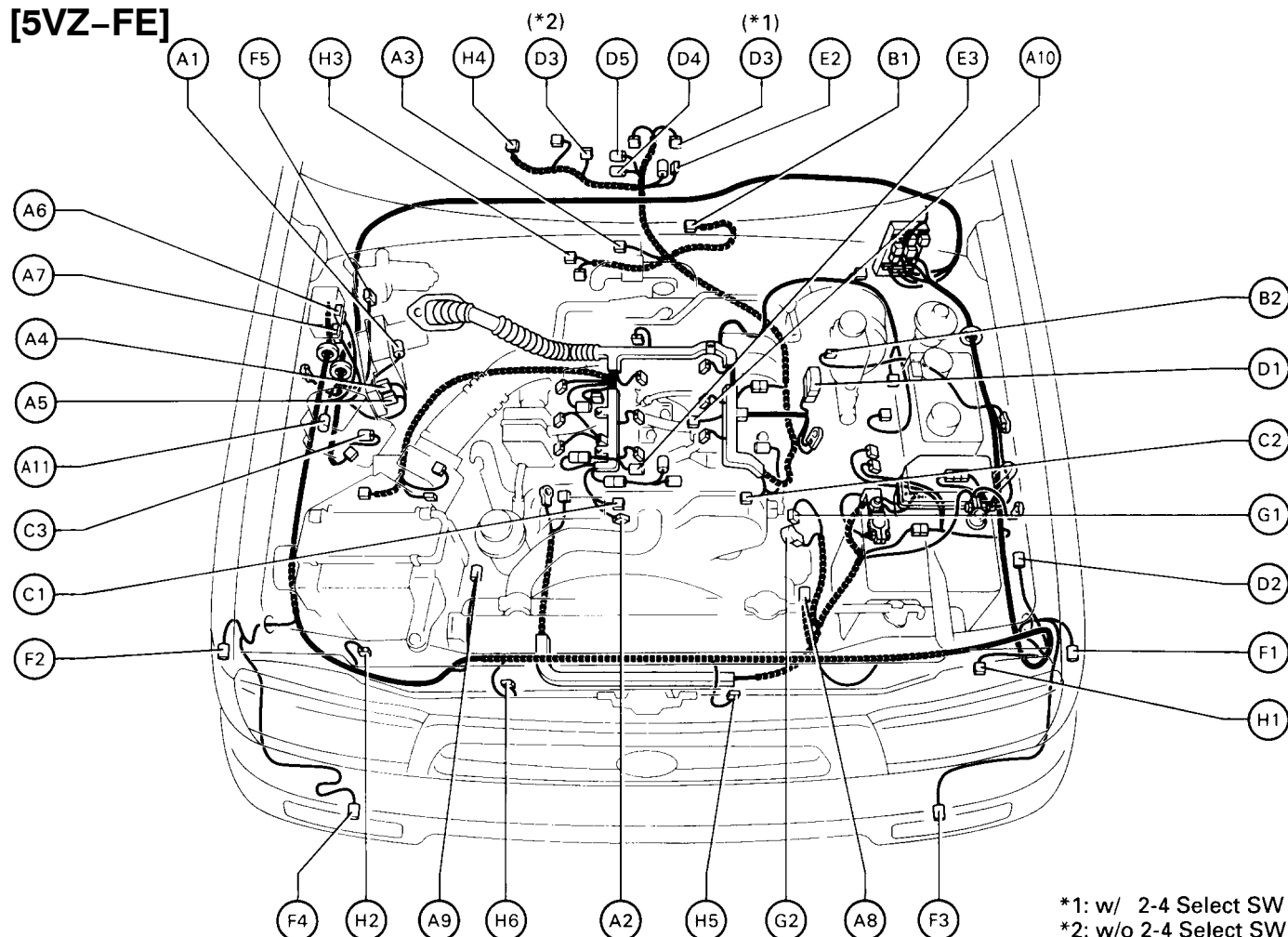


G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[5VZ-FE]



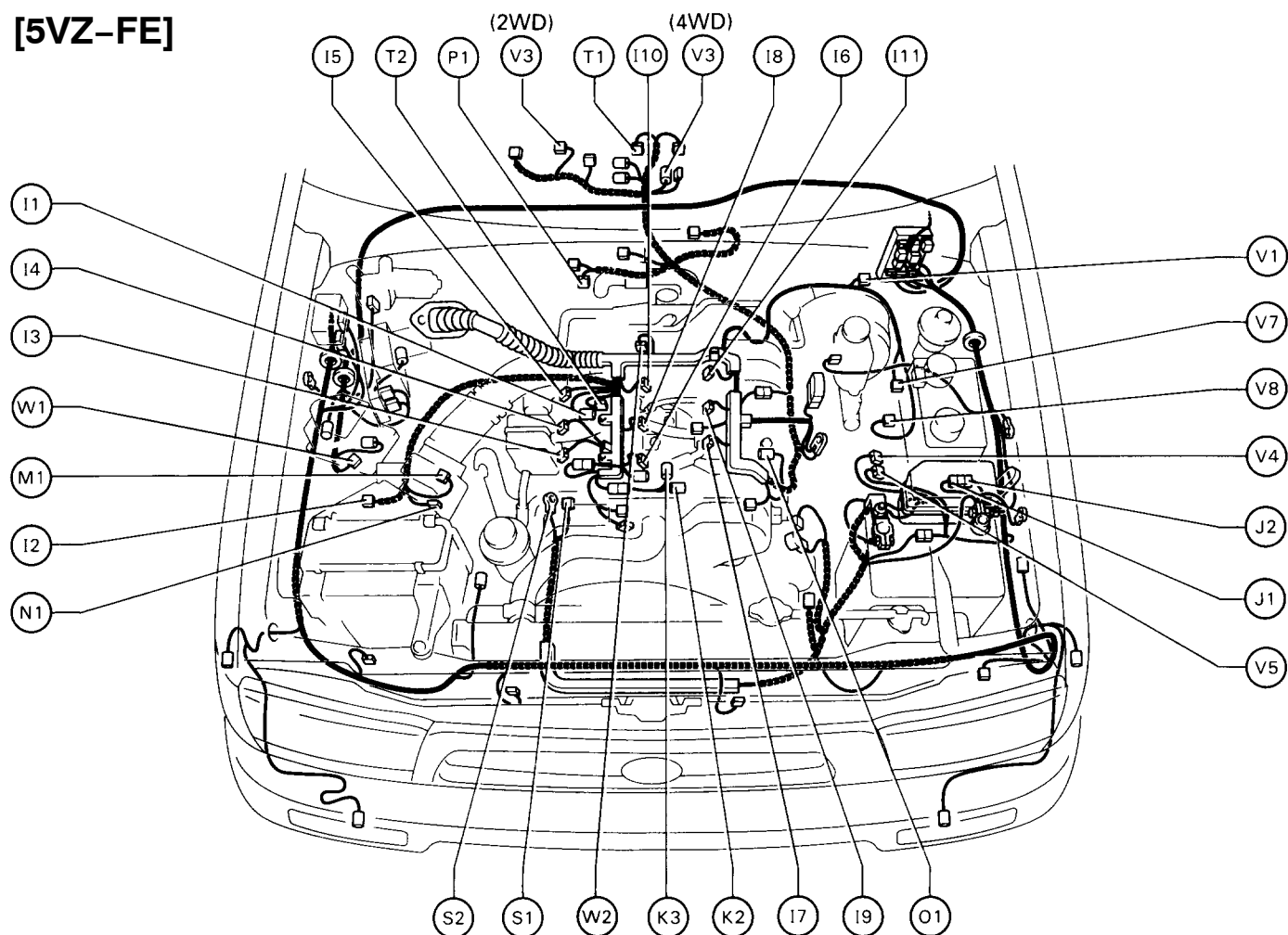
*1: w/ 2-4 Select SW
*2: w/o 2-4 Select SW

- A 1 A/C Dual Pressure SW
- A 2 A/C Magnetic Clutch
- A 3 A/T Fluid Temp. Sensor
- A 4 ABS Actuator
- A 5 ABS Actuator
- A 6 ABS Relay
- A 7 ABS Relay
- A 8 ABS Speed Sensor Front LH
- A 9 ABS Speed Sensor Front RH
- A10 ADD Indicator SW
- A11 Auto Antenna Motor
- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW
- C 1 Camshaft Position Sensor
- C 2 Crankshaft Position Sensor
- C 3 Cruise Control Actuator
- D 1 Data Link Connector 1
- D 2 Daytime Running Light Resistor
- D 3 Detection SW (Transfer 4WD Position)

- D 4 Detection SW (Transfer L4 Position)
- D 5 Detection SW (Transfer Neutral Position)
- E 2 Electronically Controlled Transmission Solenoid
- E 3 Engine Coolant Temp. Sensor
- F 1 Front Parking Light LH
- F 2 Front Parking Light RH
- F 3 Front Turn Signal Light LH
- F 4 Front Turn Signal Light RH
- F 5 Front Wiper Motor
- G 1 Generator
- G 2 Generator
- H 1 Headlight LH
- H 2 Headlight RH
- H 3 Heated Oxygen Sensor (Bank 1 Sensor 1)
- H 4 Heated Oxygen Sensor (Bank 1 Sensor 2)
- H 5 Horn LH
- H 6 Horn RH

Position of Parts in Engine Compartment

[5VZ-FE]



- I 1 Idle Air Control Valve
- I 2 Igniter
- I 3 Ignition Coil No. 1
- I 4 Ignition Coil No. 2
- I 5 Ignition Coil No. 3
- I 6 Injector No. 1
- I 7 Injector No. 2
- I 8 Injector No. 3
- I 9 Injector No. 4
- I 10 Injector No. 5
- I 11 Injector No. 6

- J 1 Junction Connector
- J 2 Junction Connector

- K 2 Knock Sensor No. 1
- K 3 Knock Sensor No. 2

- M 1 Mass Air Flow Meter

- N 1 Noise Filter

- O 1 Oil Pressure SW

- P 1 Park/Neutral Position SW

- S 1 Starter

- S 2 Starter

- T 1 2-4 Select Motor

- T 2 Throttle Position Sensor

- V 1 Vapor Pressure Sensor

- V 3 Vehicle Speed Sensor (Electronically Controlled Transmission)

- V 4 VSV (2WD, ADD)

- V 5 VSV (4WD, ADD)

- V 7 VSV (EVAP)

- V 8 VSV (Vapor Pressure Sensor)

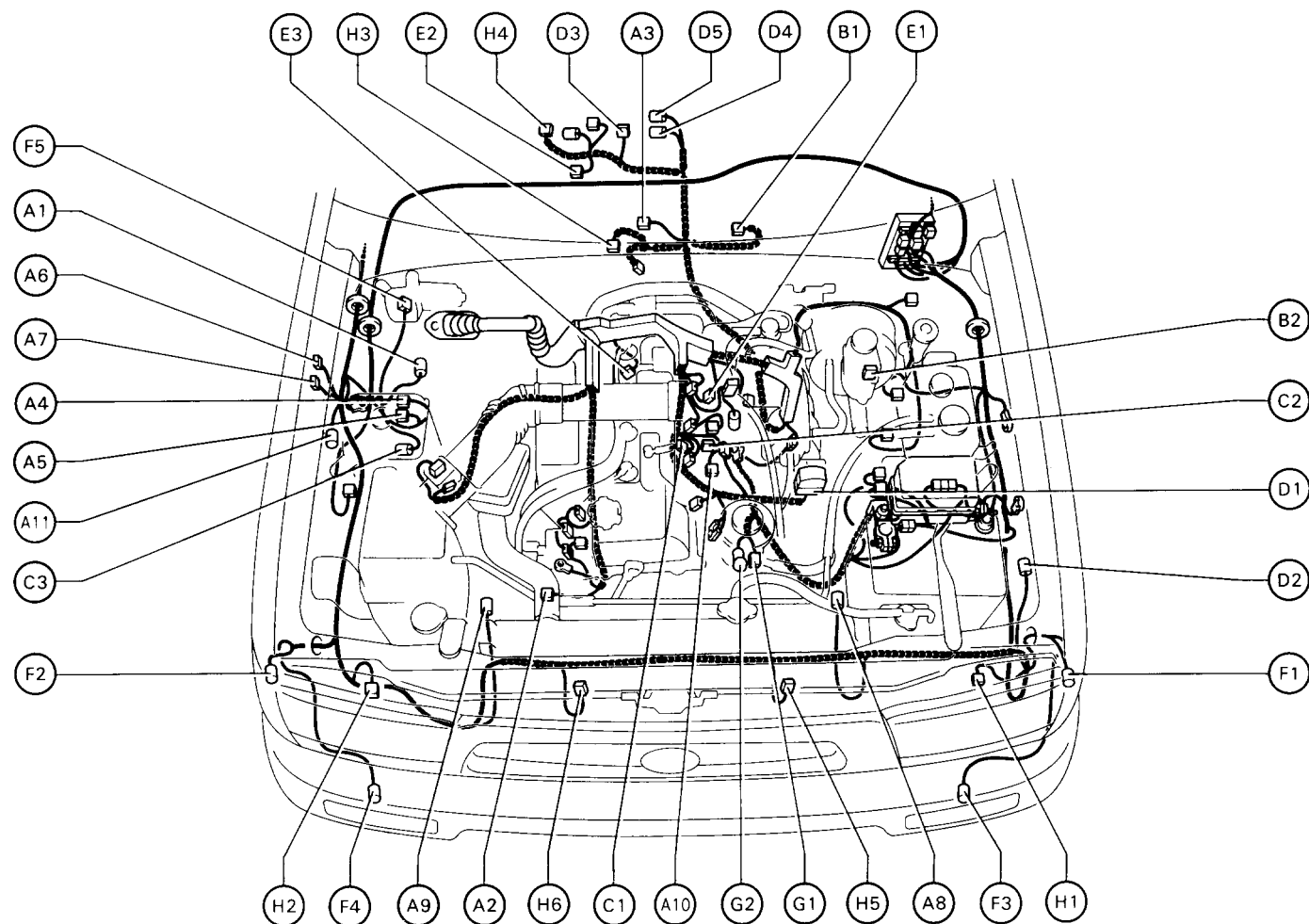
- W 1 Washer Motor (USA), Washer Motor and Washer Level Warning SW (Canada)

- W 2 Water Temp. Sender

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[3RZ-FE]



A 1 A/C Dual Pressure SW

A 2 A/C Magnetic Clutch

A 3 A/T Fluid Temp. SW

A 4 ABS Actuator

A 5 ABS Actuator

A 6 ABS Relay

A 7 ABS Relay

A 8 ABS Speed Sensor Front LH

A 9 ABS Speed Sensor Front RH

A10 ADD Indicator SW

A11 Auto Antenna Motor

B 1 Back-Up Light SW

B 2 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor

C 2 Crankshaft Position Sensor

C 3 Cruise Control Actuator

D 1 Data Link Connector 1

D 2 Daytime Running Light Resistor

D 3 Detection SW (Transfer 4WD Position)

D 4 Detection SW (Transfer L4 Position)

D 5 Detection SW (Transfer Neutral Position)

E 1 EGR Gas Temp. Sensor

E 2 Electronically Controlled Transmission Solenoid

E 3 Engine Coolant Temp. Sensor

F 1 Front Parking Light LH

F 2 Front Parking Light RH

F 3 Front Turn Signal Light LH

F 4 Front Turn Signal Light RH

F 5 Front Wiper Motor

G 1 Generator

G 2 Generator

H 1 Headlight LH

H 2 Headlight RH

H 3 Heated Oxygen Sensor (Bank 1 Sensor 1)

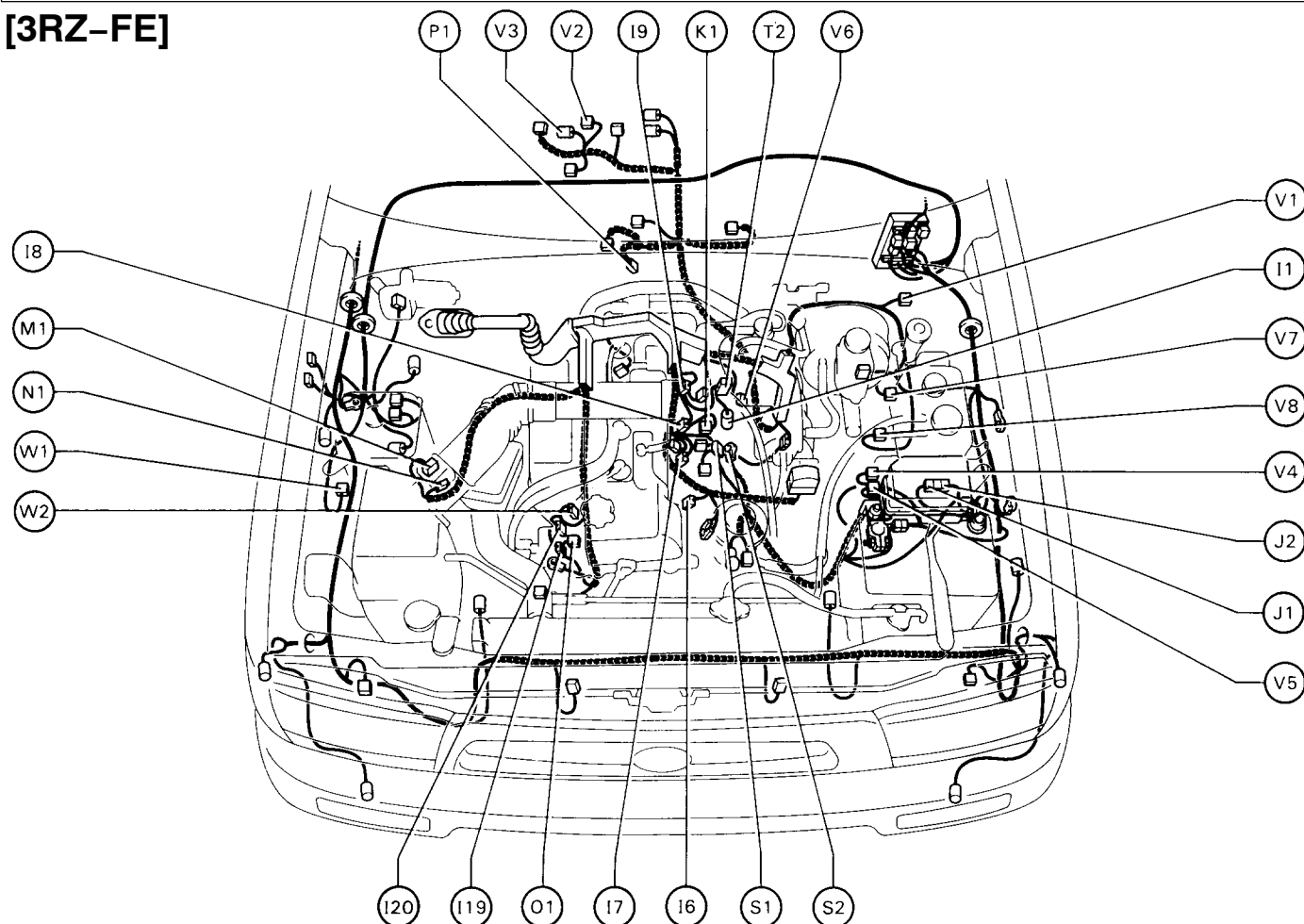
H 4 Heated Oxygen Sensor (Bank 1 Sensor 2)

H 5 Horn LH

H 6 Horn RH

Position of Parts in Engine Compartment

[3RZ-FE]



I 1 Idle Air Control Valve
 I 6 Injector No. 1
 I 7 Injector No. 2
 I 8 Injector No. 3
 I 9 Injector No. 4
 I 19 Ignition Coil and Igniter No. 1
 I 20 Ignition Coil and Igniter No. 2

J 1 Junction Connector
 J 2 Junction Connector

K 1 Knock Sensor

M 1 Mass Air Flow Meter

N 1 Noise Filter

O 1 Oil Pressure SW

P 1 Park/Neutral Position SW

S 1 Starter
 S 2 Starter

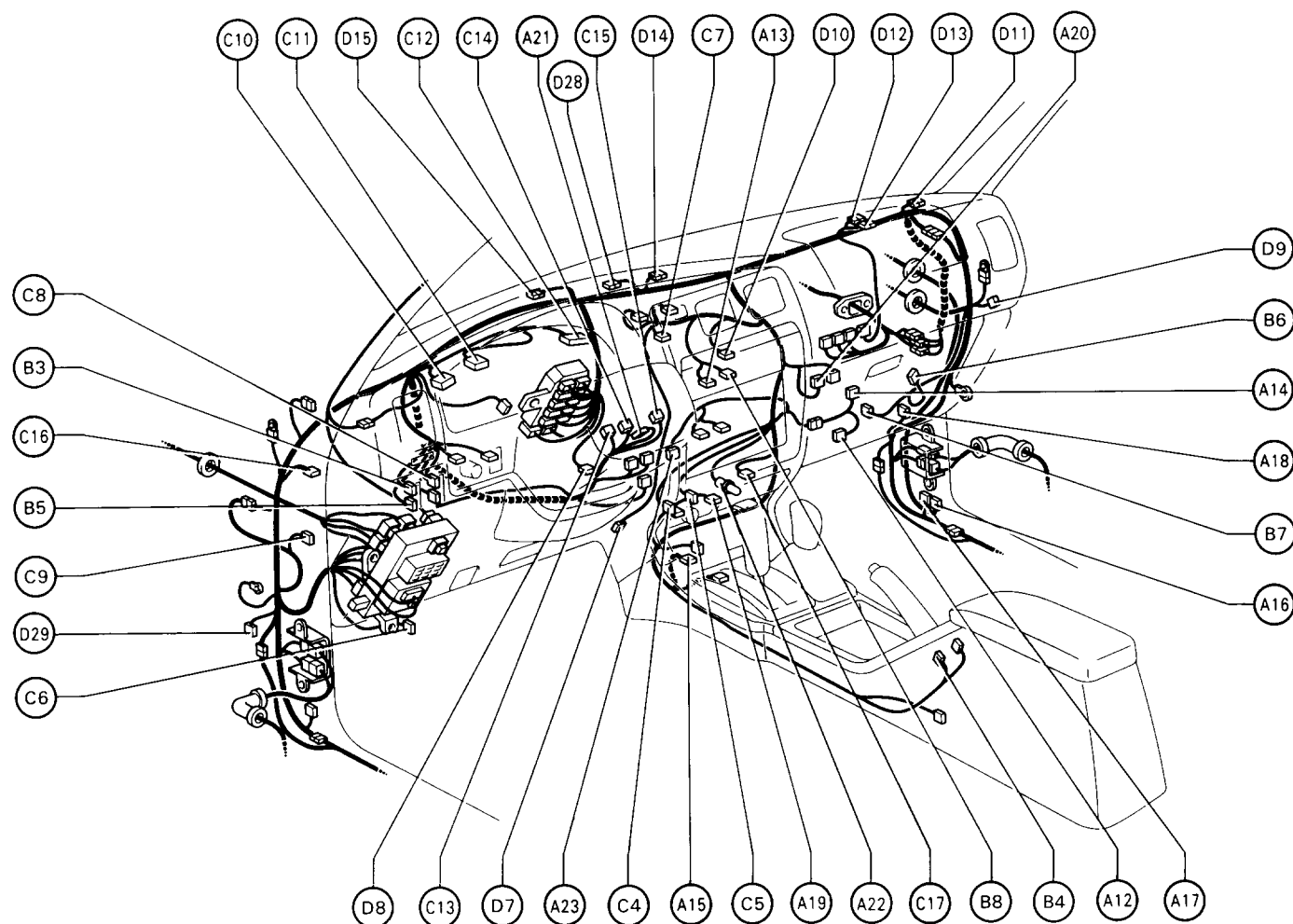
T 2 Throttle Position Sensor

V 1 Vapor Pressure Sensor
 V 2 Vehicle Speed Sensor (Combination Meter)
 V 3 Vehicle Speed Sensor (Electronically Controlled Transmission)
 V 4 VSV (2WD, ADD)
 V 5 VSV (4WD, ADD)
 V 6 VSV (EGR)
 V 7 VSV (EVAP)
 V 8 VSV (Vapor Pressure Sensor)

W 1 Washer Motor (USA), Washer Motor and Washer Level Warning SW (Canada)
 W 2 Water Temp. Sender

G ELECTRICAL WIRING ROUTING

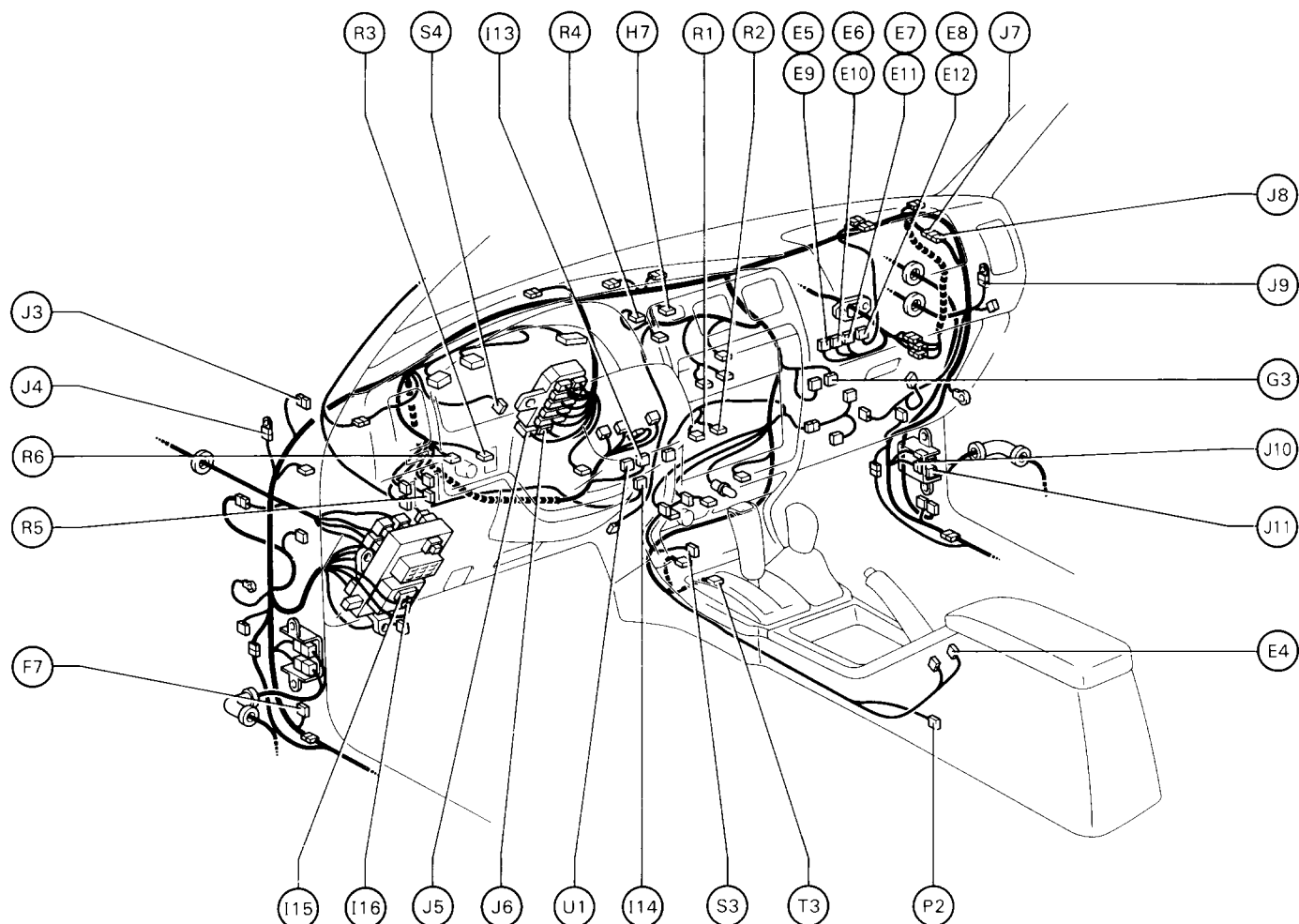
Position of Parts in Instrument Panel



- A12 A/C Amplifier
- A13 A/C SW
- A14 A/C Thermistor
- A15 ABS Deceleration Sensor
- A16 ABS ECU
- A17 ABS ECU
- A18 ADD Control Relay
- A19 Airbag Sensor Assembly
- A20 Airbag Squib (Front Passenger Airbag Assembly)
- A21 Airbag Squib (Steering Wheel Pad)
- A22 Ashtray Illumination
- A23 Auto Antenna Control Relay
- B 3 Back Door Lock Control SW
- B 4 Back Window Control SW
- B 5 Back Window Lock SW
- B 6 Blower Motor
- B 7 Blower Resistor
- B 8 Blower SW
- C 4 Cigarette Lighter
- C 5 Cigarette Lighter Illumination
- C 6 Circuit Opening Relay

- C 7 Clock
- C 8 Clutch Start Cancel SW
- C 9 Clutch Start SW
- C10 Combination Meter
- C11 Combination Meter
- C12 Combination Meter
- C13 Combination SW
- C14 Combination SW
- C15 Combination SW
- C16 Cruise Control Clutch SW
- C17 Cruise Control ECU
- D 7 Data Link Connector 3
- D 8 Daytime Running Light Relay (Main)
- D 9 Daytime Running Light Relay No. 4
- D10 Defroster Mode SW
- D11 Diode (Back Window)
- D12 Diode (Daytime Running Light No. 1)
- D13 Diode (Daytime Running Light No. 2)
- D14 Diode (Door Courtesy)
- D15 Diode (Power Window)
- D28 Diode (Idle-Up)
- D29 Diff. Lock ECU

Position of Parts in Instrument Panel



E 4 Electronically Controlled Transmission Pattern Select SW

E 5 Engine Control Module
E 6 Engine Control Module
E 7 Engine Control Module
E 8 Engine Control Module
E 9 Engine Control Module
E10 Engine Control Module
E11 Engine Control Module
E12 Engine Control Module

F 7 4WD ECU

G 3 Glove Box Light

H 7 Hazard SW

I 13 Ignition Key Cylinder Light
I 14 Ignition SW
I 15 Integration Relay
I 16 Integration Relay

J 3 Junction Connector
J 4 Junction Connector
J 5 Junction Connector

J 6 Junction Connector

J 7 Junction Connector

J 8 Junction Connector

J 9 Junction Connector

J10 Junction Connector

J11 Junction Connector

P 2 Parking Brake SW

R 1 Radio and Player (Built-In Type Amplifier) or Stereo Power Amplifier (Separate Type Amplifier)

R 2 Radio and Player (Built-In Type Amplifier) or Stereo Power Amplifier (Separate Type Amplifier)

R 3 Rear Diff. Lock Control SW

R 4 Rear Window Defogger SW

R 5 Remote Control Mirror SW

R 6 Rheostat

S 3 Shift Lock Control Computer

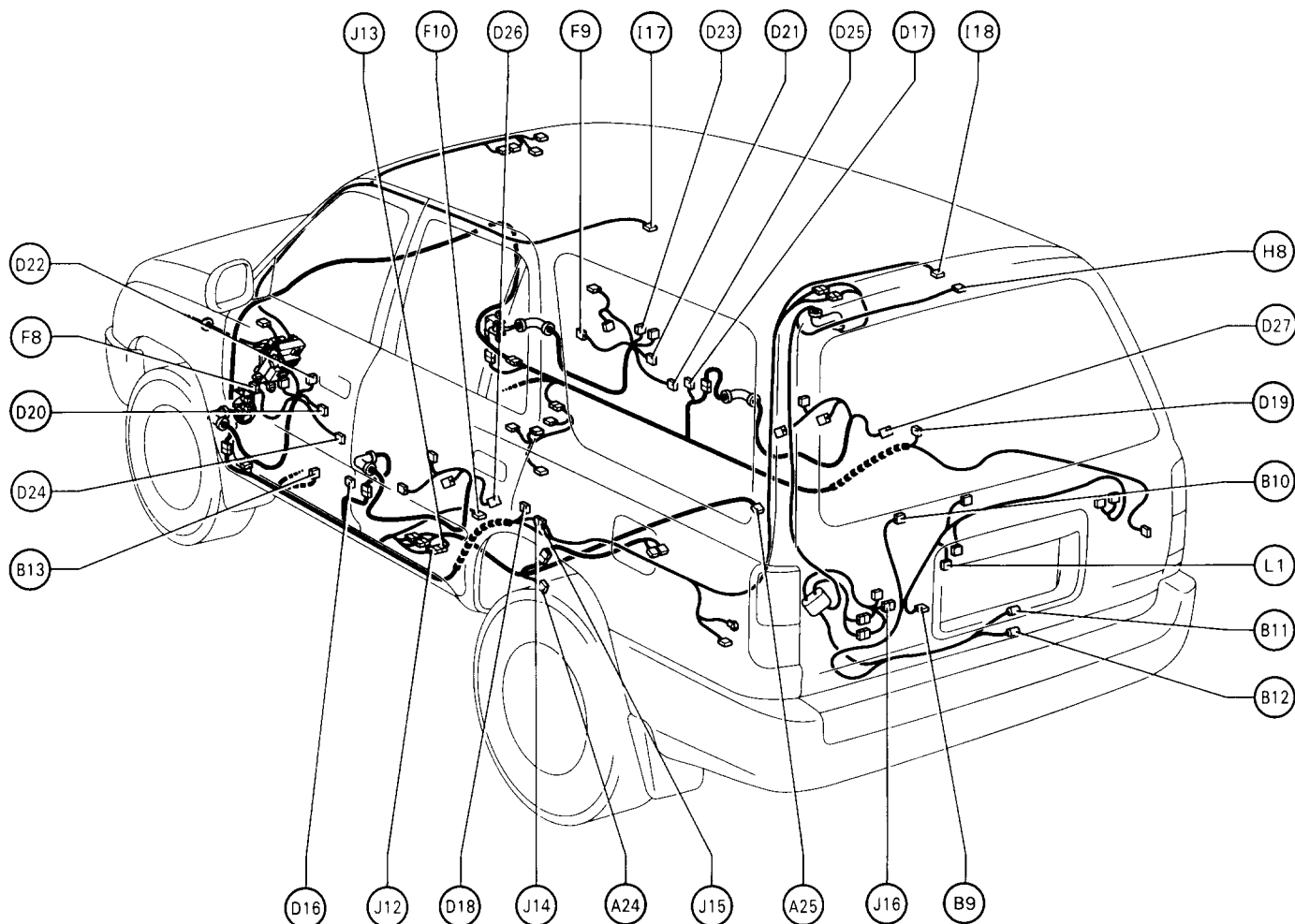
S 4 Stop Light SW

T 3 2-4 Select SW

U 1 Unlock Warning SW

G ELECTRICAL WIRING ROUTING

Position of Parts in Body



A24 ABS Speed Sensor Rear LH
A25 ABS Speed Sensor Rear RH

B 9 Back Door Courtesy SW
B10 Back Door Lock Motor
B11 Back Window Limit SW
B12 Back Window Motor
B13 Buckle SW (w/o Power Seat)

D16 Door Courtesy SW Front LH
D17 Door Courtesy SW Front RH
D18 Door Courtesy SW Rear LH
D19 Door Courtesy SW Rear RH
D20 Door Key Lock and Unlock SW Front LH
D21 Door Key Lock and Unlock SW Front RH
D22 Door Lock Control SW Front LH (w/o Power Window)
D23 Door Lock Control SW Front RH
D24 Door Lock Motor and Door Unlock Detection SW Front LH
D25 Door Lock Motor and Door Unlock Detection SW Front RH

D26 Door Lock Motor Rear LH
D27 Door Lock Motor Rear RH

F 8 Front Door Speaker LH
F 9 Front Door Speaker RH
F10 Fuel Sender and Fuel Pump

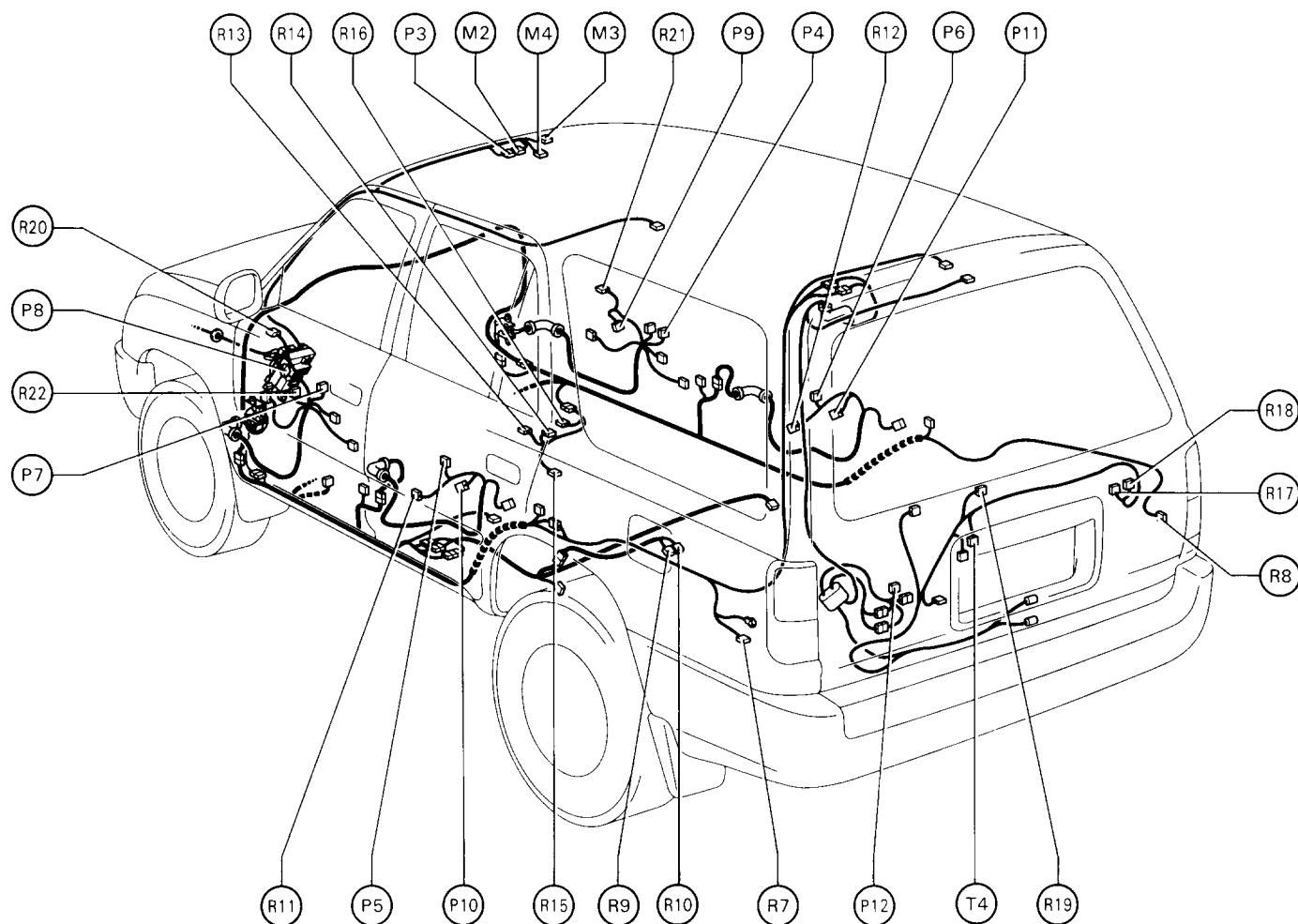
H 8 High Mounted Stop Light

I 17 Interior Light (Front)
I 18 Interior Light (Rear)

J 12 Junction Connector
J 13 Junction Connector
J 14 Junction Connector
J 15 Junction Connector
J 16 Junction Connector

L 1 License Plate Light

Position of Parts in Body



M 2 Moon Roof Control Motor and Limit SW
 M 3 Moon Roof Control Relay
 M 4 Moon Roof Control SW

P 3 Personal Light
 P 4 Power Window Control SW Front RH
 P 5 Power Window Control SW Rear LH
 P 6 Power Window Control SW Rear RH
 P 7 Power Window Master SW
 P 8 Power Window Motor Front LH
 P 9 Power Window Motor Front RH
 P10 Power Window Motor Rear LH
 P11 Power Window Motor Rear RH
 P12 Power Window Relay

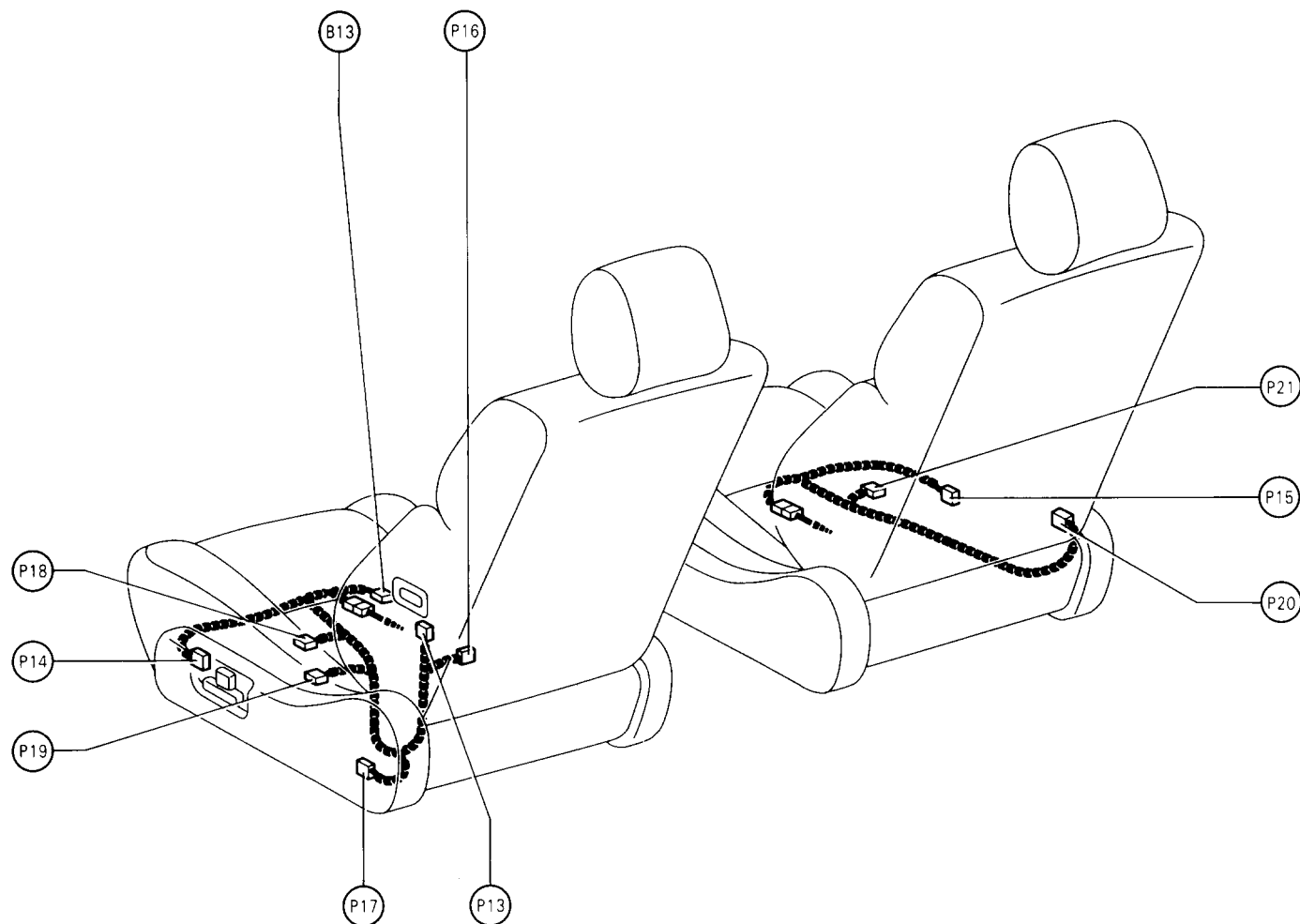
R 7 Rear Combination Light LH
 R 8 Rear Combination Light RH

R 9 Rear Diff. Lock Detection SW
 R10 Rear Diff. Lock Motor
 R11 Rear Door Speaker LH
 R12 Rear Door Speaker RH
 R13 Rear Heater Blower Motor
 R14 Rear Heater Blower Resistor
 R15 Rear Heater Blower SW
 R16 Rear Heater Relay
 R17 Rear Window Defogger
 R18 Rear Window Defogger
 R19 Rear Wiper Motor
 R20 Remote Control Mirror LH
 R21 Remote Control Mirror RH
 R22 Remote Control Mirror SW

T 4 Tailgate Control SW

G ELECTRICAL WIRING ROUTING

Position of Parts in Seat



B13 Buckle SW (w/ Power Seat)

P13 Power Seat Control SW (Driver's Seat Lumbar Support)

P14 Power Seat Control SW (Driver's Side)

P15 Power Seat Control SW (Front Passenger's Side)

P16 Power Seat Motor (Driver's Seat Lumbar Support)

P17 Power Seat Motor (Driver's Seat Reclining Control)

P18 Power Seat Motor (Driver's Seat Slide Control)

P19 Power Seat Motor (Driver's Seat Vertical Control)

P20 Power Seat Motor (Front Passenger's Seat Reclining Control)

P21 Power Seat Motor (Front Passenger's Seat Slide Control)

