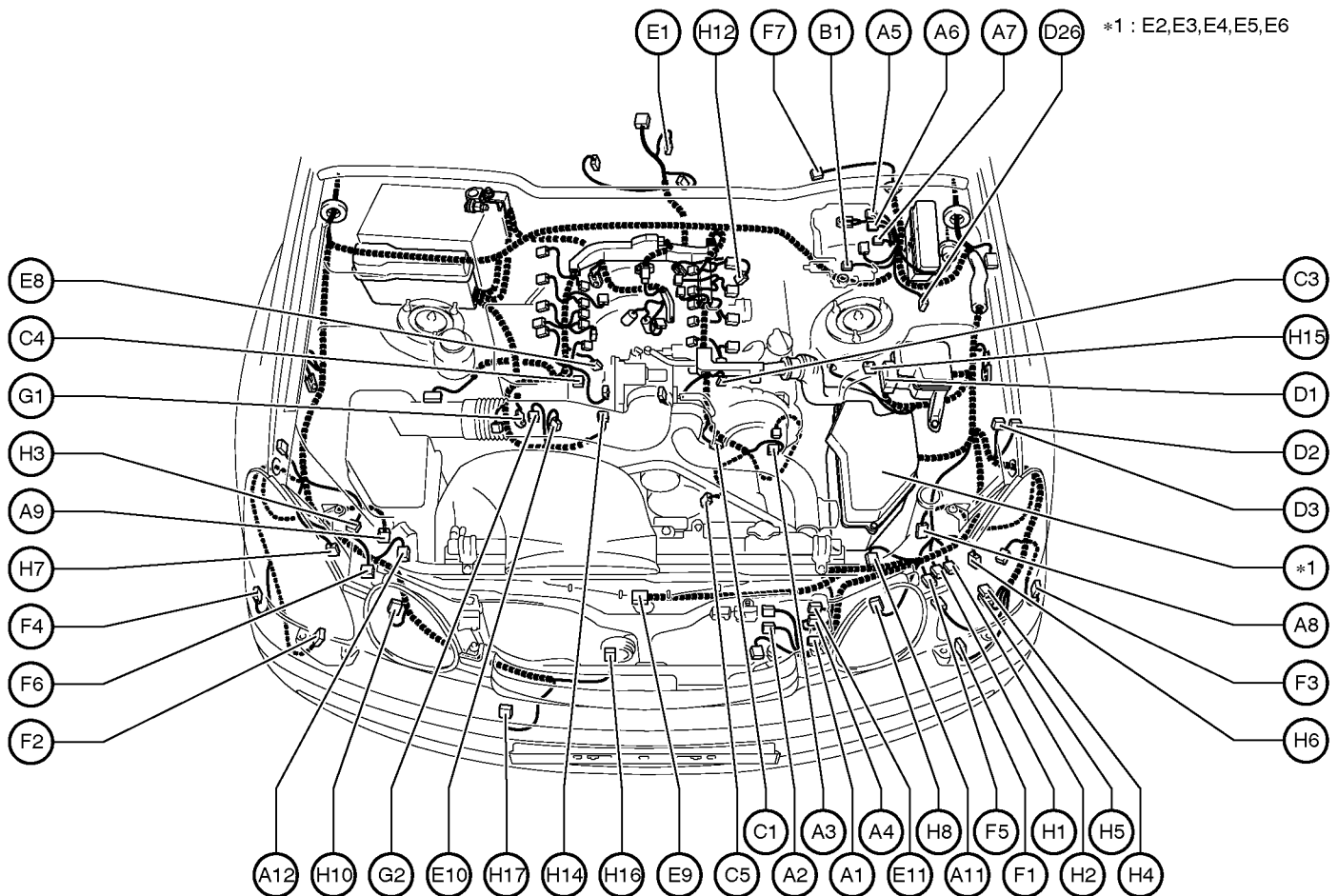


G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[3UZ-FE]



A 1 A/C Ambient Temp. Sensor
 A 2 A/C Condenser Fan Motor
 A 3 A/C Magnetic Clutch and Lock Sensor
 A 4 A/C Triple Pressure SW
 (A/C Dual and Single Pressure SW)
 A 5 ABS & TRAC & VSC Actuator
 A 6 ABS & TRAC & VSC Actuator
 A 7 ABS & TRAC & VSC Actuator
 A 8 ABS Speed Sensor Front LH
 A 9 ABS Speed Sensor Front RH
 A 11 Airbag Sensor Front LH
 A 12 Airbag Sensor Front RH

B 1 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
 C 3 Camshaft Timing Oil Control Valve LH
 C 4 Camshaft Timing Oil Control Valve RH
 C 5 Crankshaft Position Sensor

D 1 Data Link Connector 1
 D 2 Daytime Running Light Relay No.3
 D 3 Daytime Running Light Relay No.4
 D26 Daytime Running Light Resistor or Short Connector

E 1 Electronically Controlled Transmission Solenoid
 E 2 Engine Control Module
 E 3 Engine Control Module
 E 4 Engine Control Module
 E 5 Engine Control Module
 E 6 Engine Control Module

E 8 Engine Coolant Temp. Sensor
 E 9 Engine Hood Courtesy SW
 E 10 Engine Oil Level Sensor
 E 11 Exhaust Gas Sensor

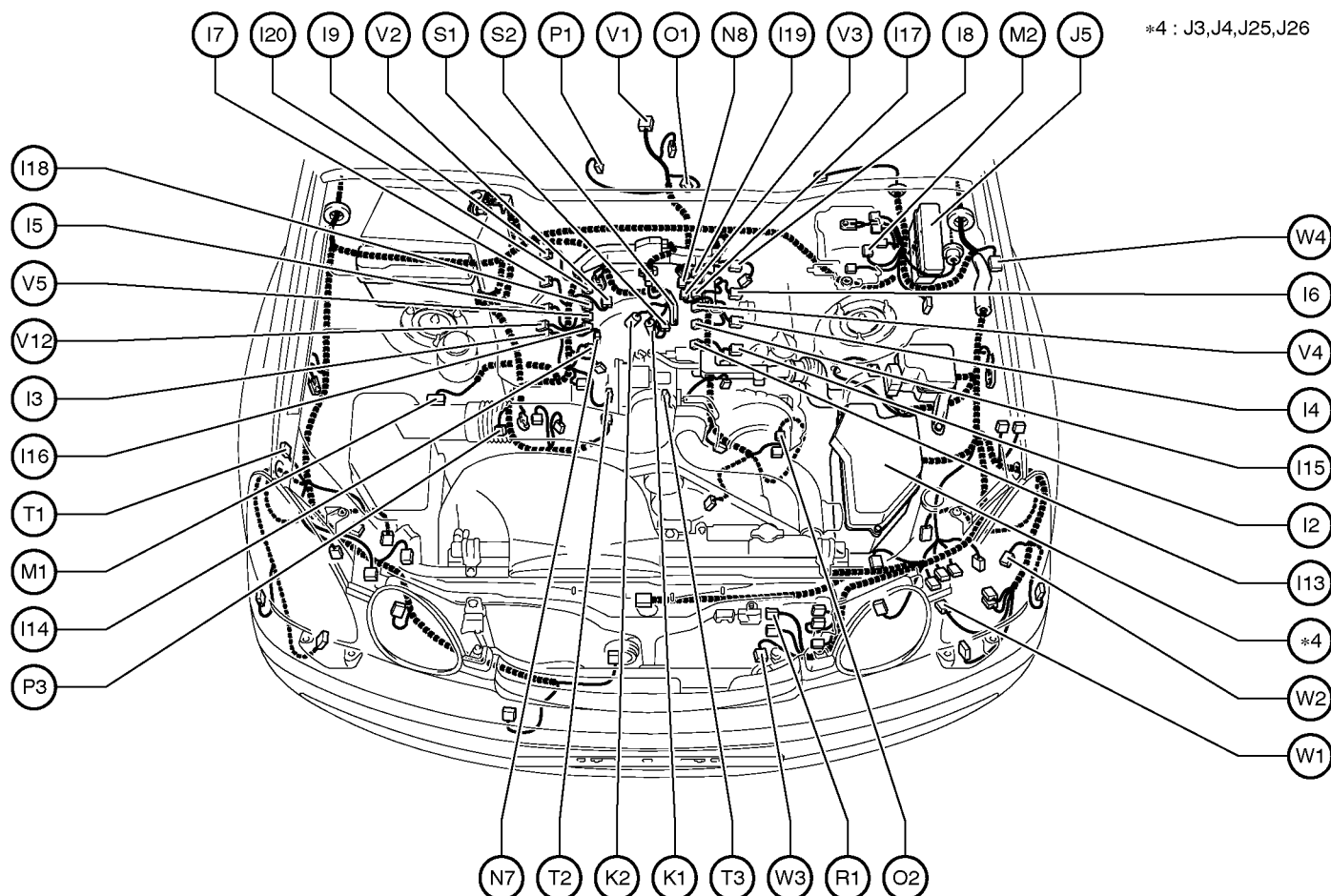
F 1 Front Fog Light LH
 F 2 Front Fog Light RH
 F 3 Front Side Marker Light LH
 F 4 Front Side Marker Light RH
 F 5 Front Turn Signal and Parking Light LH
 F 6 Front Turn Signal and Parking Light RH
 F 7 Front Wiper Motor

G 1 Generator
 G 2 Generator

H 1 Headlight Beam Level Control ECU
 H 2 Headlight Beam Level Control ECU
 H 3 Headlight Beam Level Control Motor
 H 4 Headlight Cleaner Control Relay
 H 5 Headlight Cleaner Motor
 H 6 Headlight Control ECU LH
 H 7 Headlight Control ECU RH
 H 8 Headlight LH (High)
 H 10 Headlight RH (High)
 H 12 Heated Oxygen Sensor (Bank 1 Sensor 1)
 H 14 Heated Oxygen Sensor (Bank 2 Sensor 1)
 H 15 Height Control Sensor (Front)
 H 16 Horn LH
 H 17 Horn RH

Position of Parts in Engine Compartment

[3UZ-FE]



- I 2 Ignition Coil and Igniter No.1
- I 3 Ignition Coil and Igniter No.2
- I 4 Ignition Coil and Igniter No.3
- I 5 Ignition Coil and Igniter No.4
- I 6 Ignition Coil and Igniter No.5
- I 7 Ignition Coil and Igniter No.6
- I 8 Ignition Coil and Igniter No.7
- I 9 Ignition Coil and Igniter No.8
- I 13 Injector No.1
- I 14 Injector No.2
- I 15 Injector No.3
- I 16 Injector No.4
- I 17 Injector No.5
- I 18 Injector No.6
- I 19 Injector No.7
- I 20 Injector No.8

- J 3 Junction Connector
- J 4 Junction Connector
- J 5 Junction Connector
- J 25 Junction Connector
- J 26 Junction Connector

- K 1 Knock Sensor 1
- K 2 Knock Sensor 2

- M 1 Mass Air Flow Meter
- M 2 Master Cylinder Pressure Sensor

- N 7 Noise Filter (Ignition No.1)
- N 8 Noise Filter (Ignition No.2)

- O 1 O/D Direct Clutch Speed Sensor
- O 2 Oil Pressure SW

- P 1 Park/Neutral Position SW
- P 3 PPS Solenoid

- R 1 Radiator Fan Motor

- S 1 Starter
- S 2 Starter

- T 1 Theft Deterrent Horn
- T 2 Throttle Control Motor
- T 3 Throttle Position Sensor

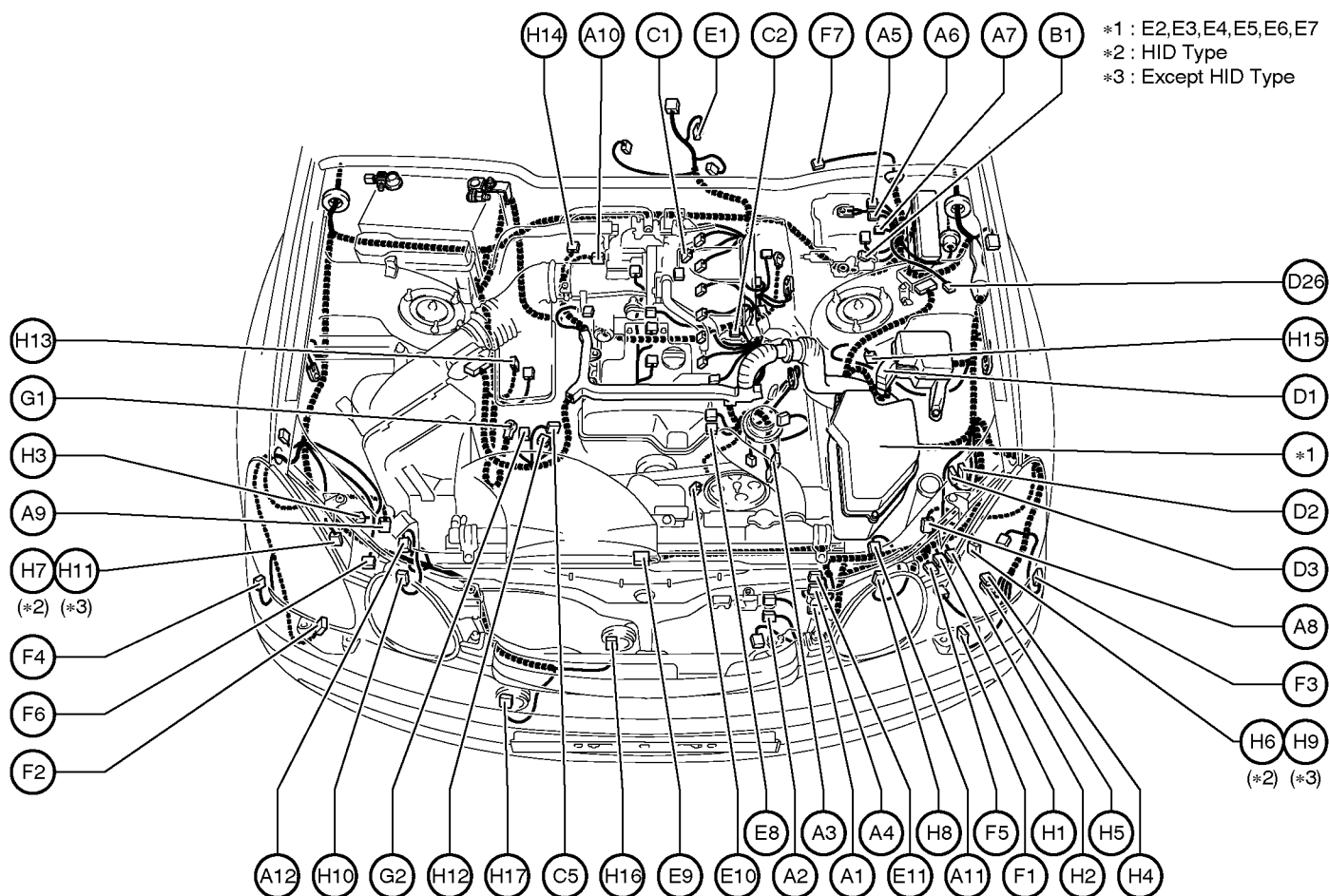
- V 1 Vehicle Speed Sensor
(Electronically Controlled Transmission)
- V 2 VSV (ACIS)
- V 3 VSV (EVAP)
- V 4 VVT Sensor LH
- V 5 VVT Sensor RH
- V 12 VSV (Canister Closed Valve)

- W 1 Washer Level Warning SW
- W 2 Washer Motor
- W 3 Water Temp. SW
- W 4 Wireless Door Lock Buzzer

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[2JZ-GE]



A 1 A/C Ambient Temp. Sensor
 A 2 A/C Condenser Fan Motor
 A 3 A/C Magnetic Clutch and Lock Sensor
 A 4 A/C Triple Pressure SW
 (A/C Dual and Single Pressure SW)
 A 5 ABS & TRAC & VSC Actuator
 A 6 ABS & TRAC & VSC Actuator
 A 7 ABS & TRAC & VSC Actuator
 A 8 ABS Speed Sensor Front LH
 A 9 ABS Speed Sensor Front RH
 A10 Accelerator Pedal Position Sensor
 A11 Airbag Sensor Front LH
 A12 Airbag Sensor Front RH

B 1 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
 C 2 Camshaft Timing Oil Control Valve
 C 5 Crankshaft Position Sensor

D 1 Data Link Connector 1
 D 2 Daytime Running Light Relay No.3
 D 3 Daytime Running Light Relay No.4
 D26 Daytime Running Light Resistor or Short Connector

E 1 Electronically Controlled Transmission Solenoid
 E 2 Engine Control Module
 E 3 Engine Control Module
 E 4 Engine Control Module
 E 5 Engine Control Module
 E 6 Engine Control Module
 E 7 Engine Control Module
 E 8 Engine Coolant Temp. Sensor

E 9 Engine Hood Courtesy SW
 E10 Engine Oil Level Sensor
 E11 Exhaust Gas Sensor

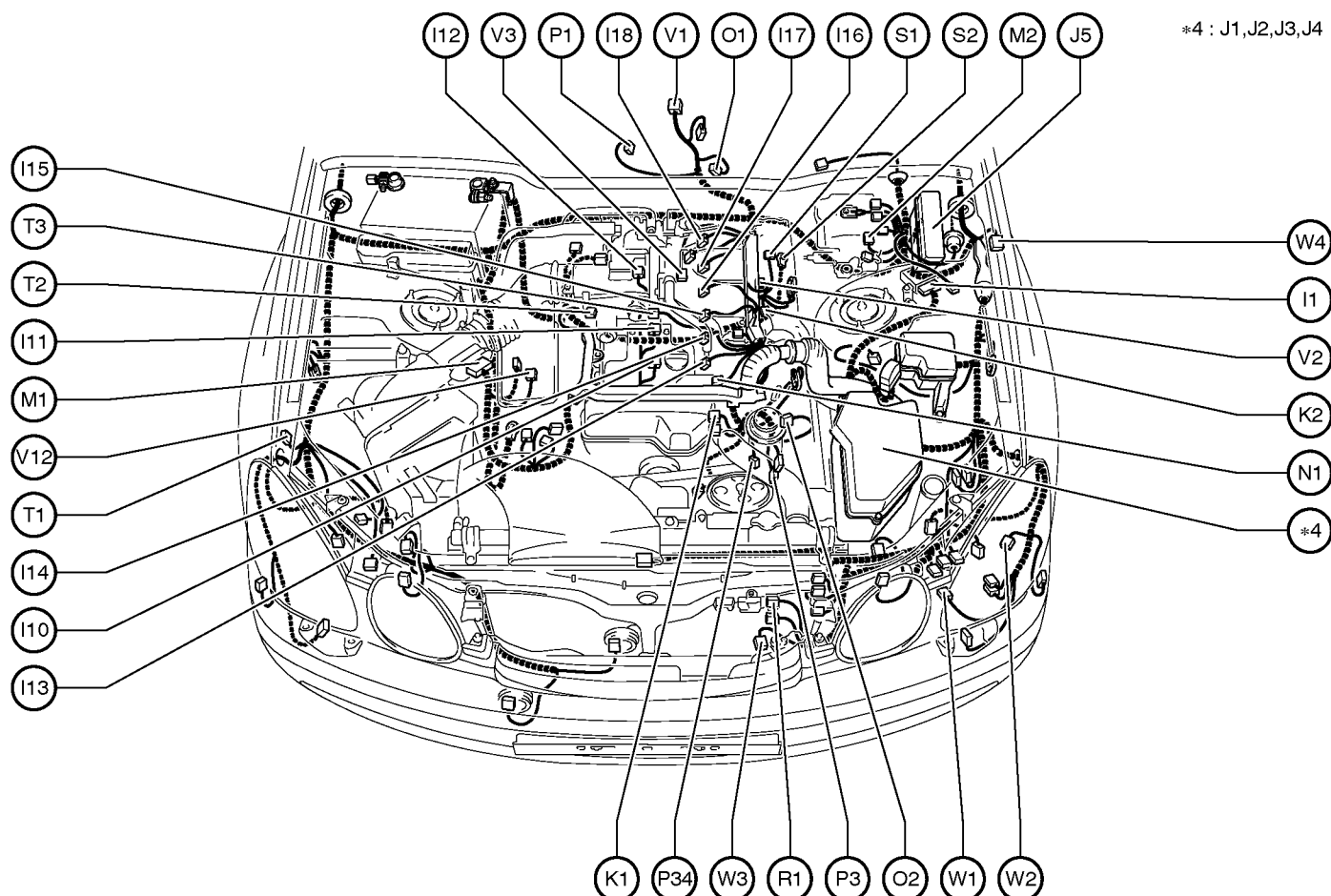
F 1 Front Fog Light LH
 F 2 Front Fog Light RH
 F 3 Front Side Marker Light LH
 F 4 Front Side Marker Light RH
 F 5 Front Turn Signal and Parking Light LH
 F 6 Front Turn Signal and Parking Light RH
 F 7 Front Wiper Motor

G 1 Generator
 G 2 Generator

H 1 Headlight Beam Level Control ECU
 H 2 Headlight Beam Level Control ECU
 H 3 Headlight Beam Level Control Motor
 H 4 Headlight Cleaner Control Relay
 H 5 Headlight Cleaner Motor
 H 6 Headlight Control ECU LH
 H 7 Headlight Control ECU RH
 H 8 Headlight LH (High)
 H 9 Headlight LH (Low)
 H10 Headlight RH (High)
 H11 Headlight RH (Low)
 H12 Heated Oxygen Sensor (Bank 1 Sensor 1)
 H13 Heated Oxygen Sensor (Bank 1 Sensor 2)
 H14 Heated Oxygen Sensor (Bank 2 Sensor 1)
 H15 Height Control Sensor (Front)
 H16 Horn LH
 H17 Horn RH

Position of Parts in Engine Compartment

[2JZ-GE]



I 1 Igniter
I 10 Ignition Coil No.1
I 11 Ignition Coil No.2
I 12 Ignition Coil No.3
I 13 Injector No.1
I 14 Injector No.2
I 15 Injector No.3
I 16 Injector No.4
I 17 Injector No.5
I 18 Injector No.6

J 1 Junction Connector
J 2 Junction Connector
J 3 Junction Connector
J 4 Junction Connector
J 5 Junction Connector

K 1 Knock Sensor 1
K 2 Knock Sensor 2

M 1 Mass Air Flow Meter
M 2 Master Cylinder Pressure Sensor

N 1 Noise Filter (Ignition)

O 1 O/D Direct Clutch Speed Sensor
O 2 Oil Pressure SW

P 1 Park/Neutral Position SW
P 3 PPS Solenoid
P34 Power Steering Oil Pressure Sensor

R 1 Radiator Fan Motor

S 1 Starter
S 2 Starter

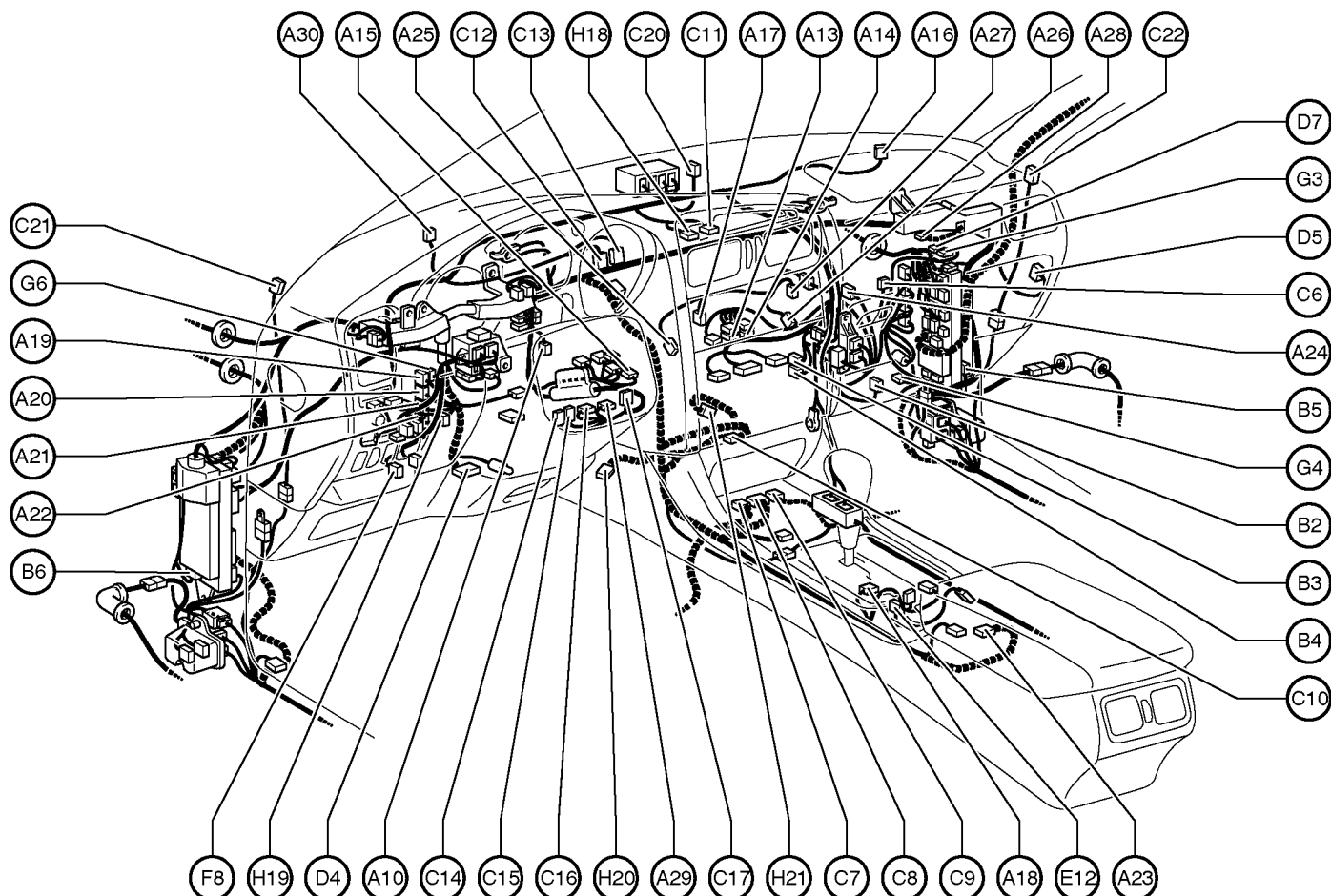
T 1 Theft Deterrent Horn
T 2 Throttle Control Motor
T 3 Throttle Position Sensor

V 1 Vehicle Speed Sensor (Electronically Controlled Transmission)
V 2 VSV (ACIS)
V 3 VSV (EVAP)
V12 VSV (Canister Closed Valve)

W 1 Washer Level Warning SW
W 2 Washer Motor
W 3 Water Temp. SW
W 4 Wireless Door Lock Buzzer

G ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel



A10 Accelerator Pedal Position Sensor (3UZ-FE)

A13 A/C Control Assembly

A14 A/C Control Assembly

A15 A/C Room Temp. Sensor

A16 A/C Solar Sensor

A17 A/C Thermistor

A18 A/T Shift Position Illumination

A19 ABS & TRAC & VSC ECU

A20 ABS & TRAC & VSC ECU

A21 ABS & TRAC & VSC ECU

A22 ABS & TRAC & VSC ECU

A23 ABS Deceleration Sensor

A24 Air Inlet Control Servo Motor

A25 Air Mix Control Servo Motor (Driver Side)

A26 Air Mix Control Servo Motor (Front Passenger Side)

A27 Air Vent Mode Control Servo Motor

A28 Airbag Squib (Front Passenger Airbag Assembly)

A29 Airbag Squib (Steering Wheel Pad)

A30 Automatic Light Control Sensor

B 2 Blower Motor

B 3 Blower Motor Controller

B 4 Blower Motor Controller

B 5 Body ECU No.1

B 6 Body ECU No.2

C 6 CD Automatic Changer

C 7 Center Airbag Sensor Assembly

C 8 Center Airbag Sensor Assembly

C 9 Center Airbag Sensor Assembly

C10 Cigarette Lighter

C11 Clock

C12 Combination Meter

C13 Combination Meter

C14 Combination SW

C15 Combination SW

C16 Combination SW

C17 Combination SW

C20 Center Speaker

C21 Curtain Shield Airbag Squib LH

C22 Curtain Shield Airbag Squib RH

D 4 Data Link Connector 3

D 5 Daytime Running Light Relay (Main)

D 7 Diode (Daytime Running Light)

E12 Electronically Controlled Transmission Pattern Select SW

F 8 Fuel Lid Opener SW

G 3 Glove Box Light

G 4 Glove Box Light SW

G 6 Gateway ECU

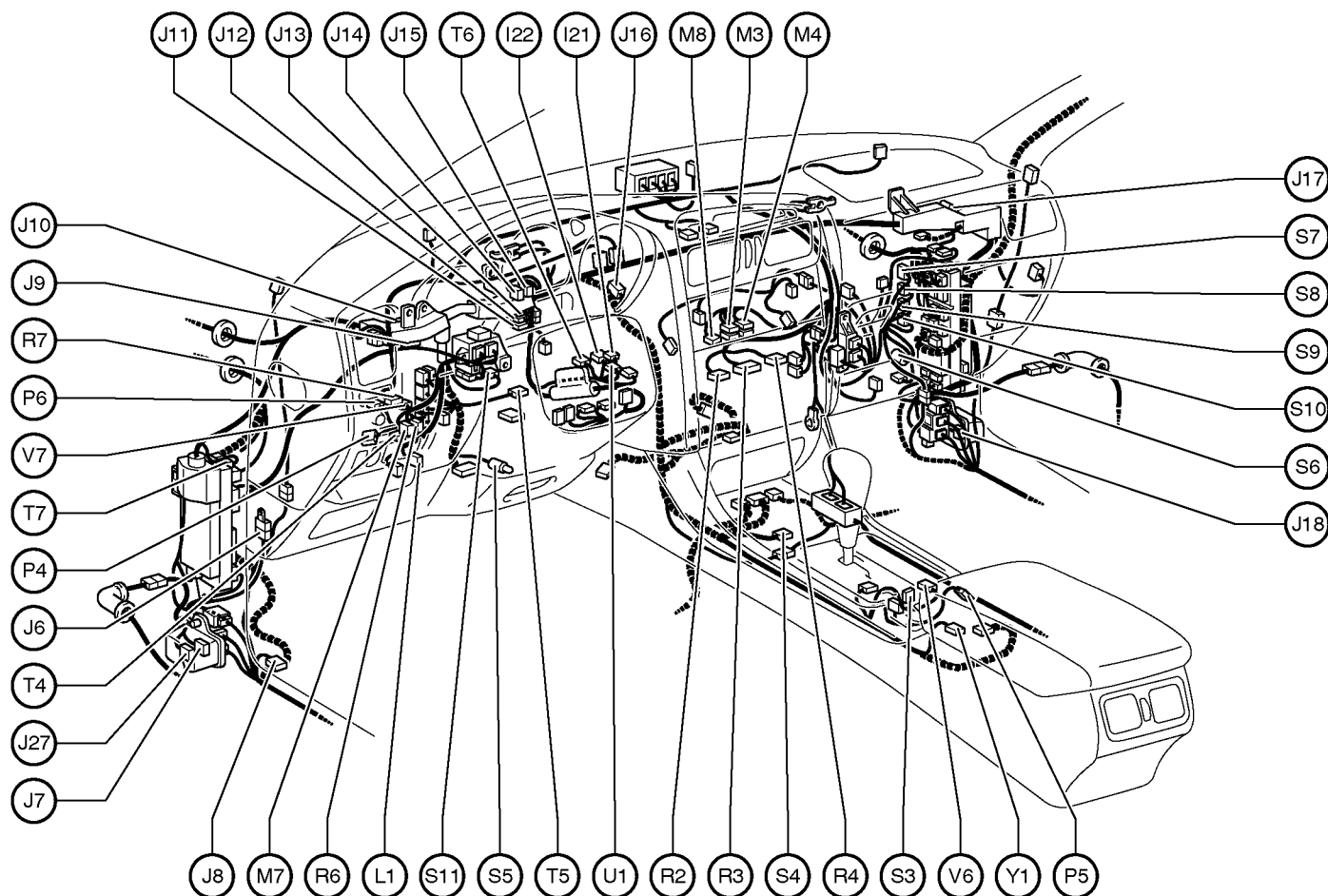
H18 Hazard SW

H19 Headlight Cleaner SW

H20 Heated Oxygen Sensor (Bank 1 Sensor 2)
[3UZ-FE]

H21 Heated Oxygen Sensor (Bank 2 Sensor 2)

Position of Parts in Instrument Panel



I 21 Ignition Key Cylinder Light
I 22 Ignition SW

J 6 Junction Connector
J 7 Junction Connector
J 8 Junction Connector
J 9 Junction Connector
J 10 Junction Connector
J 11 Junction Connector
J 12 Junction Connector
J 13 Junction Connector
J 14 Junction Connector
J 15 Junction Connector
J 16 Junction Connector
J 17 Junction Connector
J 18 Junction Connector
J 27 Junction Connector

L 1 Luggage Compartment Door Opener SW

M 3 Multi-Display
M 4 Multi-Display
M 7 Mirror Retraction SW
M 8 Multi-Display

P 4 Parking Brake SW
P 5 Power Outlet
P 6 PPS ECU

R 2 Radio and Player
R 3 Radio and Player
R 4 Radio and Player
R 6 Remote Control Mirror SW
R 7 Rheostat

S 3 Seat Heater SW
S 4 Shift Lock Control ECU
S 5 Step Light LH
S 6 Step Light RH
S 7 Stereo Component Amplifier
S 8 Stereo Component Amplifier
S 9 Stereo Component Amplifier
S 10 Stereo Component Amplifier
S 11 Stop Light SW

T 4 Telephone Microphone
T 5 Tilt and Telescopic ECU
T 6 Transponder Key Amplifier
T 7 Turn Signal Flasher

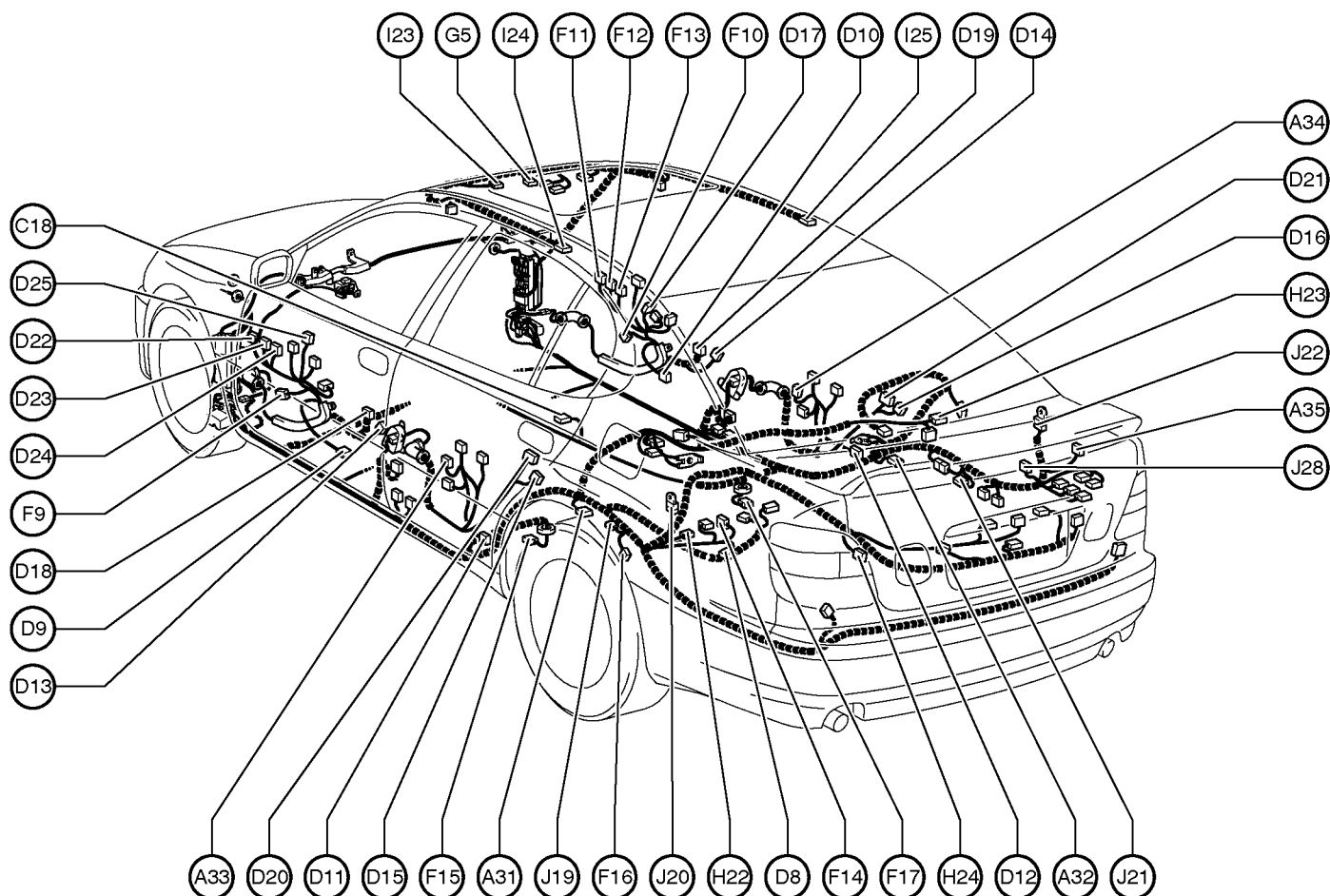
U 1 Unlock Warning SW and Key Interlock Solenoid

V 6 VSC Off SW
V 7 VSC Warning Buzzer

Y 1 Yaw Rate Sensor

G ELECTRICAL WIRING ROUTING

Position of Parts in Body



A31 ABS Speed Sensor Rear LH
 A32 ABS Speed Sensor Rear RH
 A33 Ashtray Illumination Rear LH
 A34 Ashtray Illumination Rear RH
 A35 Auto Antenna Control Relay and Motor

C18 Cellular Phone (Hand Set)

D 8 Diode (Luggage Compartment Door Open Detection)
 D 9 Door Courtesy Light Front LH
 D10 Door Courtesy Light Front RH
 D11 Door Courtesy Light Rear LH
 D12 Door Courtesy Light Rear RH
 D13 Door Courtesy SW Front LH
 D14 Door Courtesy SW Front RH
 D15 Door Courtesy SW Rear LH
 D16 Door Courtesy SW Rear RH
 D17 Door Lock Control SW RH
 D18 Door Lock Motor, Door Key Lock and Unlock SW and
 Door Lock Detection SW Front LH
 D19 Door Lock Motor, Door Key Lock and Unlock SW and
 Door Lock Detection SW Front RH
 D20 Door Lock Motor and Door Lock Detection SW Rear LH
 D21 Door Lock Motor and Door Lock Detection SW Rear RH
 D22 Driver Door ECU
 D23 Driver Door ECU
 D24 Driver Door ECU
 D25 Driving Position Memory SW

F 9 Front Door Speaker LH
 F10 Front Door Speaker RH
 F11 Front Passenger Door ECU
 F12 Front Passenger Door ECU
 F13 Front Passenger Door ECU
 F14 Fuel Lid Opener Motor
 F15 Fuel Pump and Sender
 F16 Fuel Pump Control ECU
 F17 Fuel Sender (Sub)

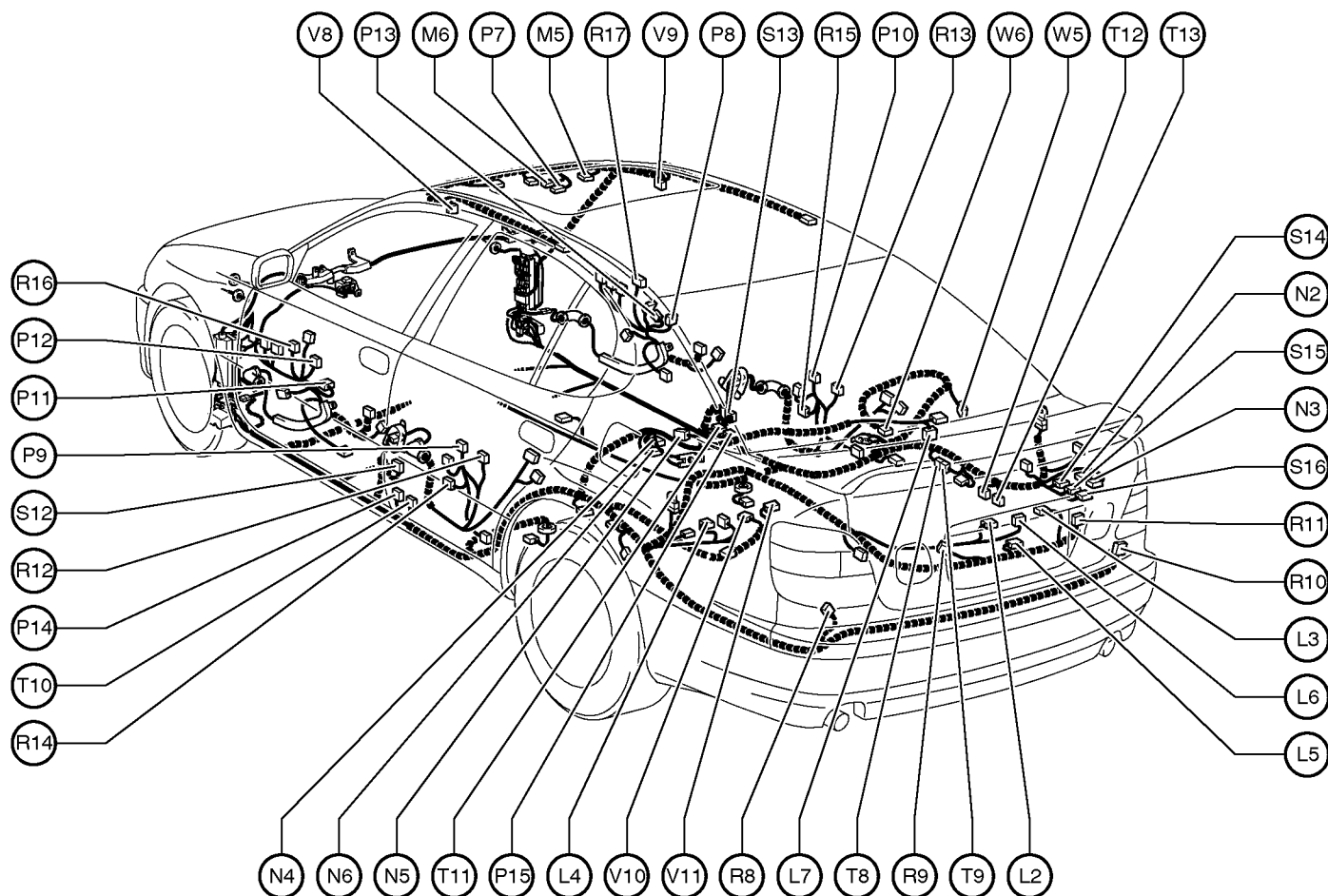
G 5 Garage Door Opener

H22 Height Control Sensor (Rear)
 H23 High Mounted Stop Light (Bulb)
 H24 High Mounted Stop Light (LED)

I 23 Inner Mirror and Compass
 I 24 Interior Light Rear LH
 I 25 Interior Light Rear RH

J 19 Junction Connector
 J 20 Junction Connector
 J 21 Junction Connector
 J 22 Junction Connector
 J 28 Junction Connector

Position of Parts in Body



L 2 License Plate Light LH
 L 3 License Plate Light RH
 L 4 Light Failure Sensor
 L 5 Luggage Compartment Door Courtesy SW and Opener Motor
 L 6 Luggage Compartment Door Key Unlock SW
 L 7 Luggage Compartment Light

M 5 Moon Roof Control ECU
 M 6 Moon Roof Control SW

N 2 Navigation ECU
 N 3 Navigation ECU
 N 4 Noise Filter (High Mounted Stop Light)
 N 5 Noise Filter (Rear Window Defogger)
 N 6 Noise Filter (Stop Light)

P 7 Personal Light
 P 8 Power Window Control SW Front RH
 P 9 Power Window Control SW Rear LH
 P 10 Power Window Control SW Rear RH
 P 11 Power Window Master SW
 P 12 Power Window Motor Front LH
 P 13 Power Window Motor Front RH
 P 14 Pretensioner LH
 P 15 Pretensioner RH

R 8 Rear Combination Light LH
 R 9 Rear Combination Light LH
 R 10 Rear Combination Light RH

R 11 Rear Combination Light RH
 R 12 Rear Door LH ECU
 R 13 Rear Door RH ECU
 R 14 Rear Door Speaker LH
 R 15 Rear Door Speaker RH
 R 16 Remote Control Mirror LH
 R 17 Remote Control Mirror RH

S 12 Side Airbag Sensor LH
 S 13 Side Airbag Sensor RH
 S 14 Stereo Component Amplifier
 S 15 Stereo Component Amplifier
 S 16 Stereo Component Amplifier

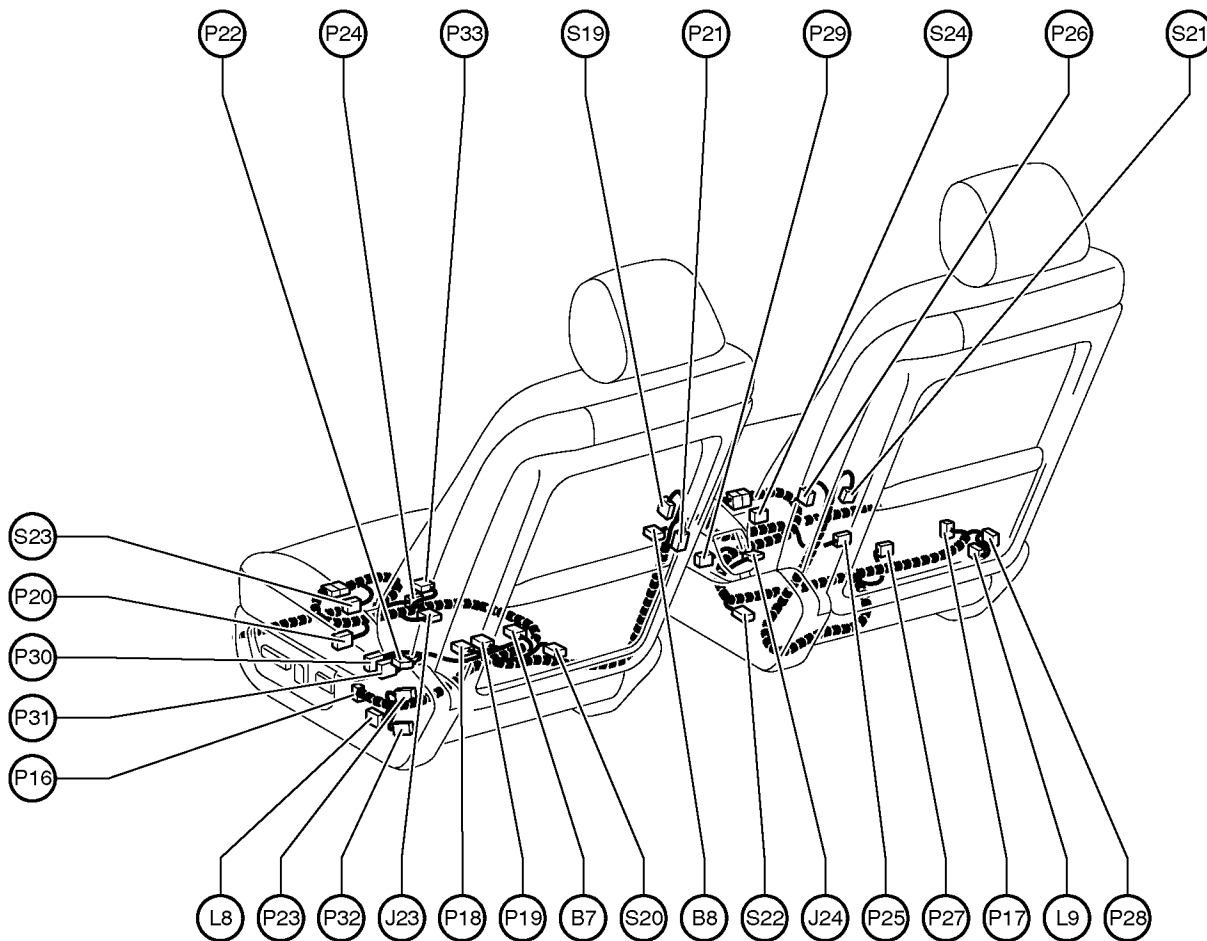
T 8 Telephone Transceiver and Speaker Relay
 T 9 Telephone Transceiver and Speaker Relay
 T 10 Tension Reducer Solenoid LH
 T 11 Tension Reducer Solenoid RH
 T 12 Telephone Transceiver and Speaker Relay
 T 13 Telephone Transceiver and Speaker Relay

V 8 Vanity Light LH
 V 9 Vanity Light RH
 V 10 Vapor Pressure Sensor
 V 11 VSV (Vapor Pressure Sensor)

W 5 Wireless Door Lock Control ECU
 W 6 Woofer (Speaker)

G ELECTRICAL WIRING ROUTING

Position of Parts in Seat



- | | |
|--|---|
| B 7 Buckle SW LH | P 27 Power Seat Motor
(Front Passenger's Seat Rear Vertical Control) |
| B 8 Buckle SW RH and
Seat Belt Warning Occupant Detection Sensor | P 28 Power Seat Motor
(Front Passenger's Seat Reclining Control) |
| J 23 Junction Connector | P 29 Power Seat Motor
(Front Passenger's Seat Slide Control) |
| J 24 Junction Connector | P 30 Power Seat Position Sensor
(Driver's Seat Front Vertical Control) |
| L 8 Lumbar Support Control SW (Driver's Seat) | P 31 Power Seat Position Sensor
(Driver's Seat Rear Vertical Control) |
| L 9 Lumbar Support Control SW (Front Passenger's Seat) | P 32 Power Seat Position Sensor
(Driver's Seat Reclining Control) |
| P 16 Power Seat Control SW (Driver's Seat) | P 33 Power Seat Position Sensor (Driver's Seat Slide Control) |
| P 17 Power Seat Control SW (Front Passenger's Seat) | S 19 Seat Heater (Driver's Seat Back) |
| P 18 Power Seat ECU | S 20 Seat Heater (Driver's Seat Cushion) |
| P 19 Power Seat ECU | S 21 Seat Heater (Front Passenger's Seat Back) |
| P 20 Power Seat Motor (Driver's Seat Front Vertical Control) | S 22 Seat Heater (Front Passenger's Seat Cushion) |
| P 21 Power Seat Motor
(Driver's Seat Lumbar Support Control) | S 23 Side Airbag Squib LH |
| P 22 Power Seat Motor (Driver's Seat Rear Vertical Control) | S 24 Side Airbag Squib RH |
| P 23 Power Seat Motor (Driver's Seat Reclining Control) | |
| P 24 Power Seat Motor (Driver's Seat Slide Control) | |
| P 25 Power Seat Motor
(Front Passenger's Seat Front Vertical Control) | |
| P 26 Power Seat Motor
(Front Passenger's Seat Lumbar Support Control) | |

