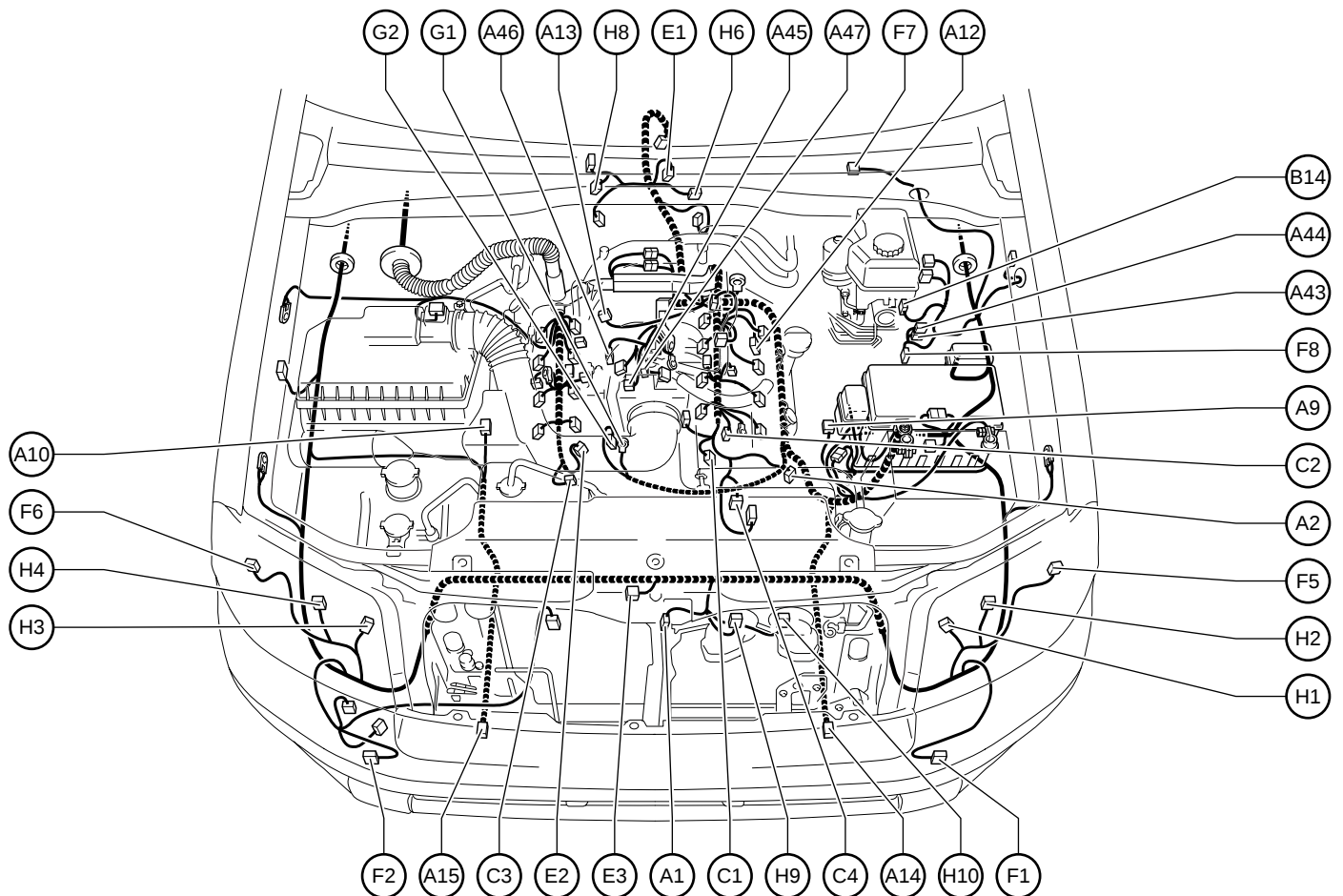


G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

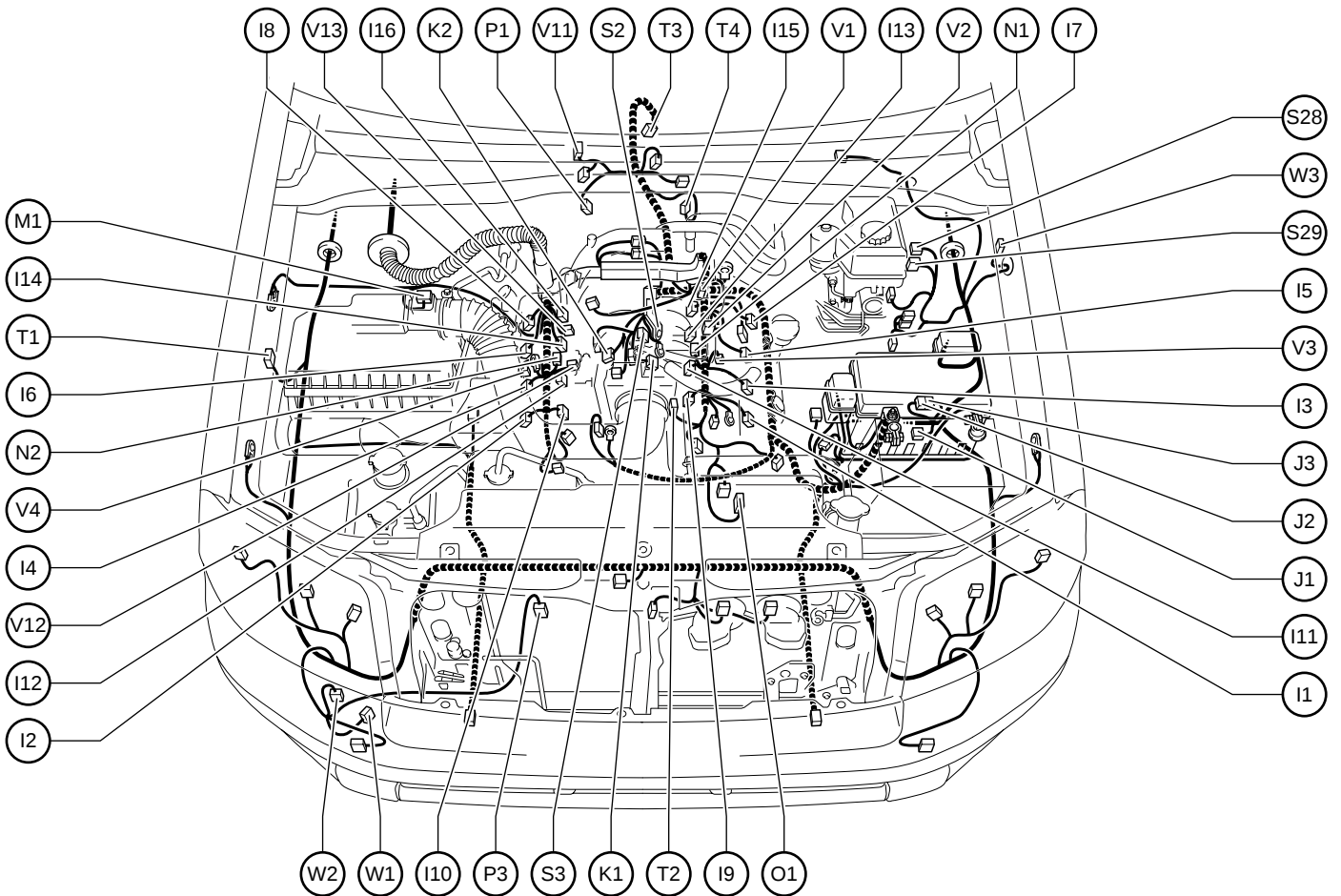
[2UZ-FE]



- | | |
|---|---|
| A 1 A/C Ambient Temp. Sensor | E 1 Electronically Controlled Transmission Solenoid |
| A 2 A/C Lock Sensor | E 2 Engine Coolant Temp. Sensor |
| A 9 ABS Speed Sensor Front LH | E 3 Engine Hood Courtesy SW |
| A10 ABS Speed Sensor Front RH | F 1 Front Fog Light LH |
| A12 Air Fuel Ratio Sensor (Bank 1 Sensor 1) | F 2 Front Fog Light RH |
| A13 Air Fuel Ratio Sensor (Bank 2 Sensor 1) | F 5 Front Parking Light LH |
| A14 Airbag Sensor Front LH | Front Turn Signal Light LH |
| A15 Airbag Sensor Front RH | F 6 Front Parking Light RH |
| A43 Air Injection Control Driver | Front Turn Signal Light RH |
| A44 Air Injection Control Driver | F 7 Front Wiper Motor |
| A45 Air Pressure Sensor | F 8 Fuel Pump Resistor |
| A46 Air Pump | |
| A47 Air Switching Valve | |
| B14 Brake Fluid Level Warning SW | G 1 Generator |
| C 1 Camshaft Position Sensor | G 2 Generator |
| C 2 Camshaft Timing Oil Control Valve LH | H 1 Headlight LH (High) |
| C 3 Camshaft Timing Oil Control Valve RH | H 2 Headlight LH (Low) |
| C 4 Crankshaft Position Sensor | H 3 Headlight RH (High) |
| | H 4 Headlight RH (Low) |
| | H 6 Heated Oxygen Sensor (Bank 1 Sensor 2) |
| | H 8 Heated Oxygen Sensor (Bank 2 Sensor 2) |
| | H 9 Horn (High) |
| | H10 Horn (Low) |

Position of Parts in Engine Compartment

[2UZ-FE]



- I 1 Ignition Coil and Igniter No.1
- I 2 Ignition Coil and Igniter No.2
- I 3 Ignition Coil and Igniter No.3
- I 4 Ignition Coil and Igniter No.4
- I 5 Ignition Coil and Igniter No.5
- I 6 Ignition Coil and Igniter No.6
- I 7 Ignition Coil and Igniter No.7
- I 8 Ignition Coil and Igniter No.8
- I 9 Injector No.1
- I 10 Injector No.2
- I 11 Injector No.3
- I 12 Injector No.4
- I 13 Injector No.5
- I 14 Injector No.6
- I 15 Injector No.7
- I 16 Injector No.8

- J 1 Junction Connector
- J 2 Junction Connector
- J 3 Junction Connector

- K 1 Knock Sensor (Bank 1)
- K 2 Knock Sensor (Bank 2)

- M 1 Mass Air Flow Meter

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

- O 1 Oil Pressure SW

- P 1 Park/Neutral Position SW
- P 3 Pressure SW

- S 2 Starter
- S 3 Starter
- S28 Skid Control ECU with Actuator
- S29 Skid Control ECU with Actuator

- T 1 Theft Deterrent Horn
- T 2 Throttle Control Motor
- Throttle Position Sensor
- T 3 Transfer Shift Actuator
- T 4 Turbine Speed Sensor

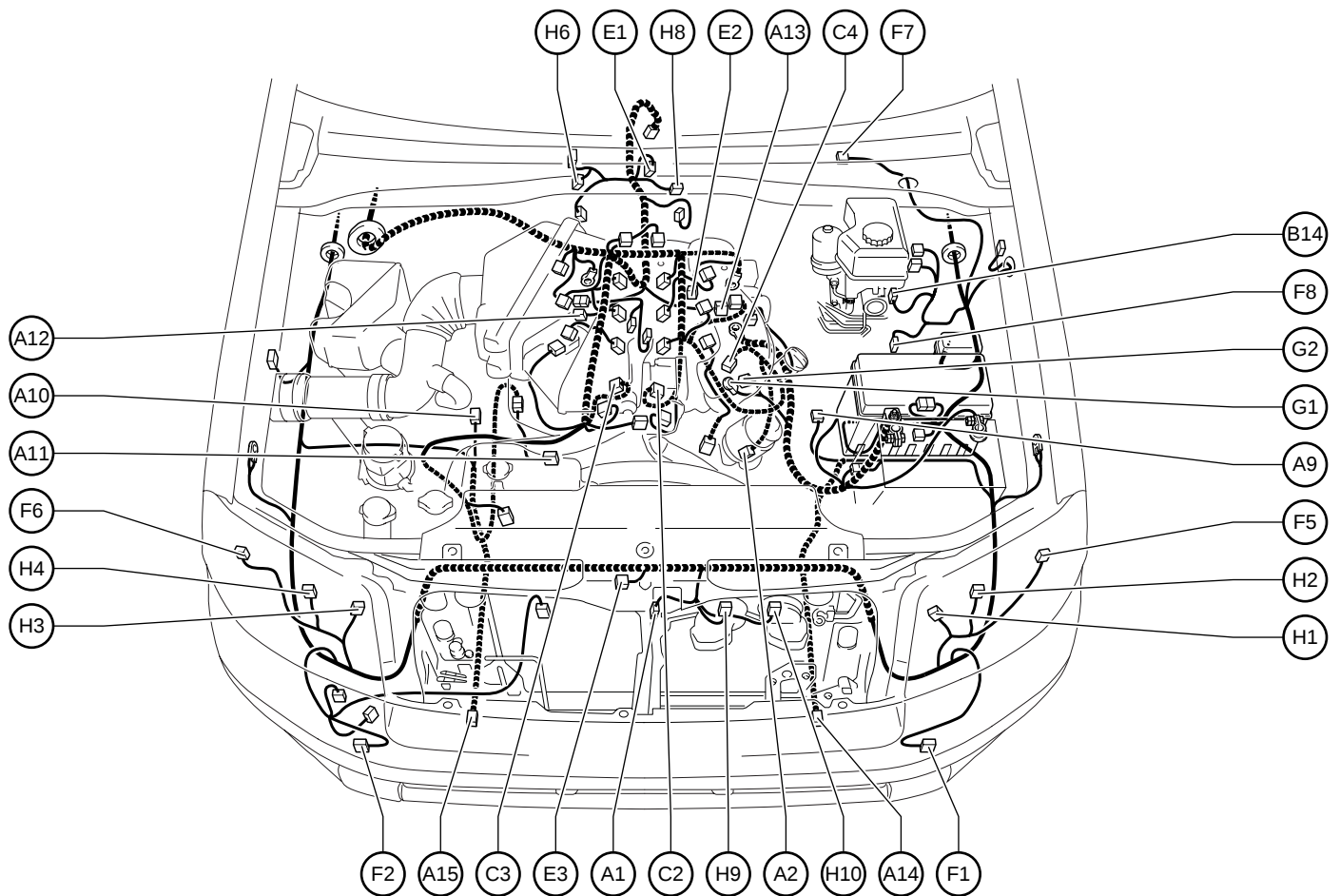
- V 1 VSV (ACIS)
- V 2 VSV (Purge)
- V 3 VVT Sensor (Bank 1)
- V 4 VVT Sensor (Bank 2)
- V11 Vehicle Speed Sensor
(Electronically Controlled Transmission)
- V12 VSV (Air Switching Valve Bank 1)
- V13 VSV (Air Switching Valve Bank 2)

- W 1 Washer Level Sensor
- W 2 Washer Motor
- W 3 Wireless Door Lock Buzzer

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[1GR-FE]



- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Lock Sensor
A/C Magnetic Clutch
- A 9 ABS Speed Sensor Front LH
- A10 ABS Speed Sensor Front RH
- A11 ADD Actuator
- A12 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
- A13 Air Fuel Ratio Sensor (Bank 2 Sensor 1)
- A14 Airbag Sensor Front LH
- A15 Airbag Sensor Front RH

B14 Brake Fluid Level Warning SW

- C 2 Camshaft Timing Oil Control Valve LH
- C 3 Camshaft Timing Oil Control Valve RH
- C 4 Crankshaft Position Sensor

- E 1 Electronically Controlled Transmission Solenoid
- E 2 Engine Coolant Temp. Sensor
- E 3 Engine Hood Courtesy SW

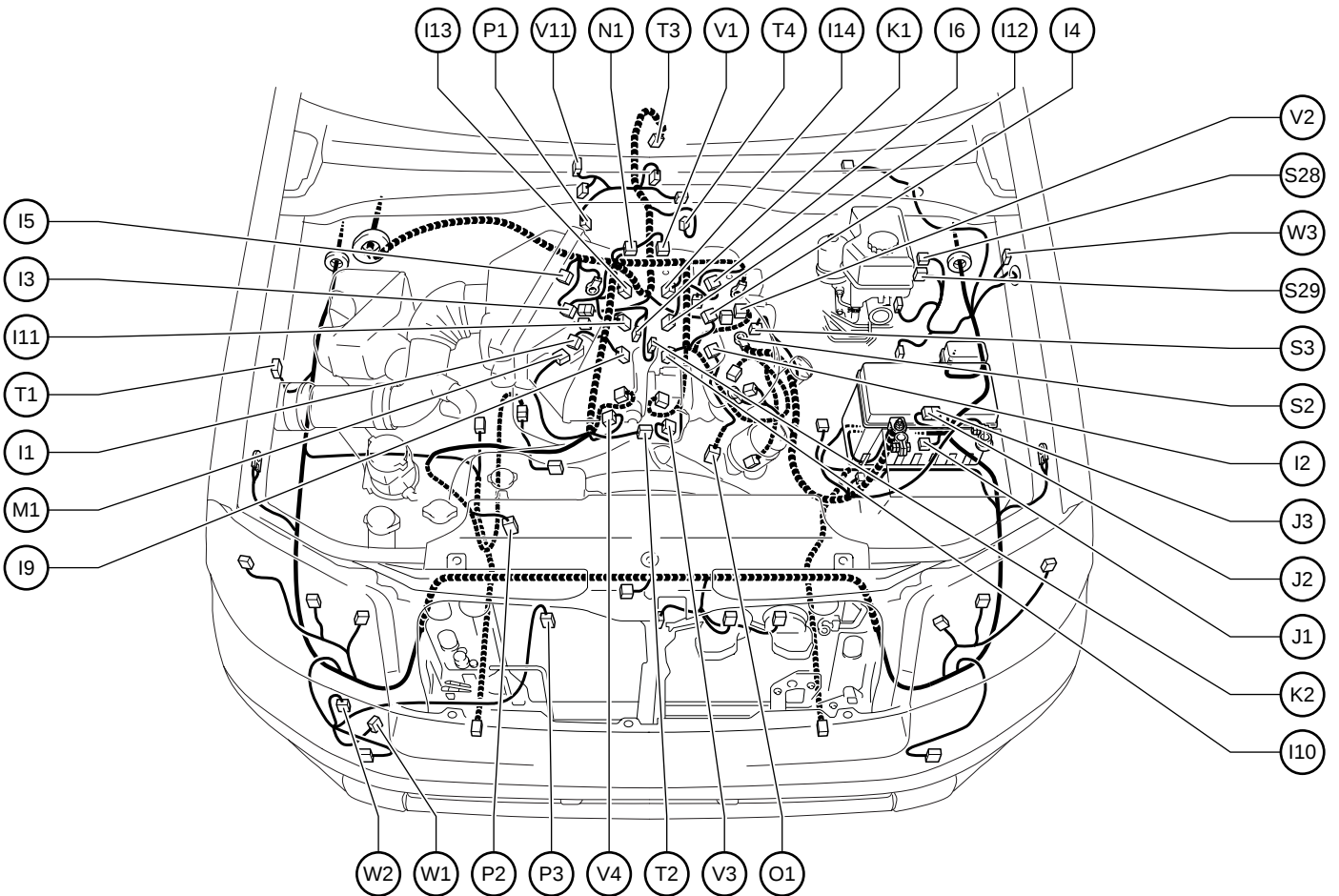
- F 1 Front Fog Light LH
- F 2 Front Fog Light RH
- F 5 Front Parking Light LH
Front Turn Signal Light LH
- F 6 Front Parking Light RH
Front Turn Signal Light RH
- F 7 Front Wiper Motor
- F 8 Fuel Pump Resistor

- G 1 Generator
- G 2 Generator

- H 1 Headlight LH (High)
- H 2 Headlight LH (Low)
- H 3 Headlight RH (High)
- H 4 Headlight RH (Low)
- H 6 Heated Oxygen Sensor (Bank 1 Sensor 2)
- H 8 Heated Oxygen Sensor (Bank 2 Sensor 2)
- H 9 Horn (High)
- H10 Horn (Low)

Position of Parts in Engine Compartment

[1GR-FE]



- I 1 Ignition Coil and Igniter No.1
- I 2 Ignition Coil and Igniter No.2
- I 3 Ignition Coil and Igniter No.3
- I 4 Ignition Coil and Igniter No.4
- I 5 Ignition Coil and Igniter No.5
- I 6 Ignition Coil and Igniter No.6
- I 9 Injector No.1
- I 10 Injector No.2
- I 11 Injector No.3
- I 12 Injector No.4
- I 13 Injector No.5
- I 14 Injector No.6

- J 1 Junction Connector
- J 2 Junction Connector
- J 3 Junction Connector

- K 1 Knock Sensor (Bank 1)
- K 2 Knock Sensor (Bank 2)

- M 1 Mass Air Flow Meter

- N 1 Noise Filter (Ignition No.1)

- O 1 Oil Pressure SW

- P 1 Park/Neutral Position SW
- P 2 Power Steering Oil Pressure SW
- P 3 Pressure SW

- S 2 Starter
- S 3 Starter
- S28 Skid Control ECU with Actuator
- S29 Skid Control ECU with Actuator

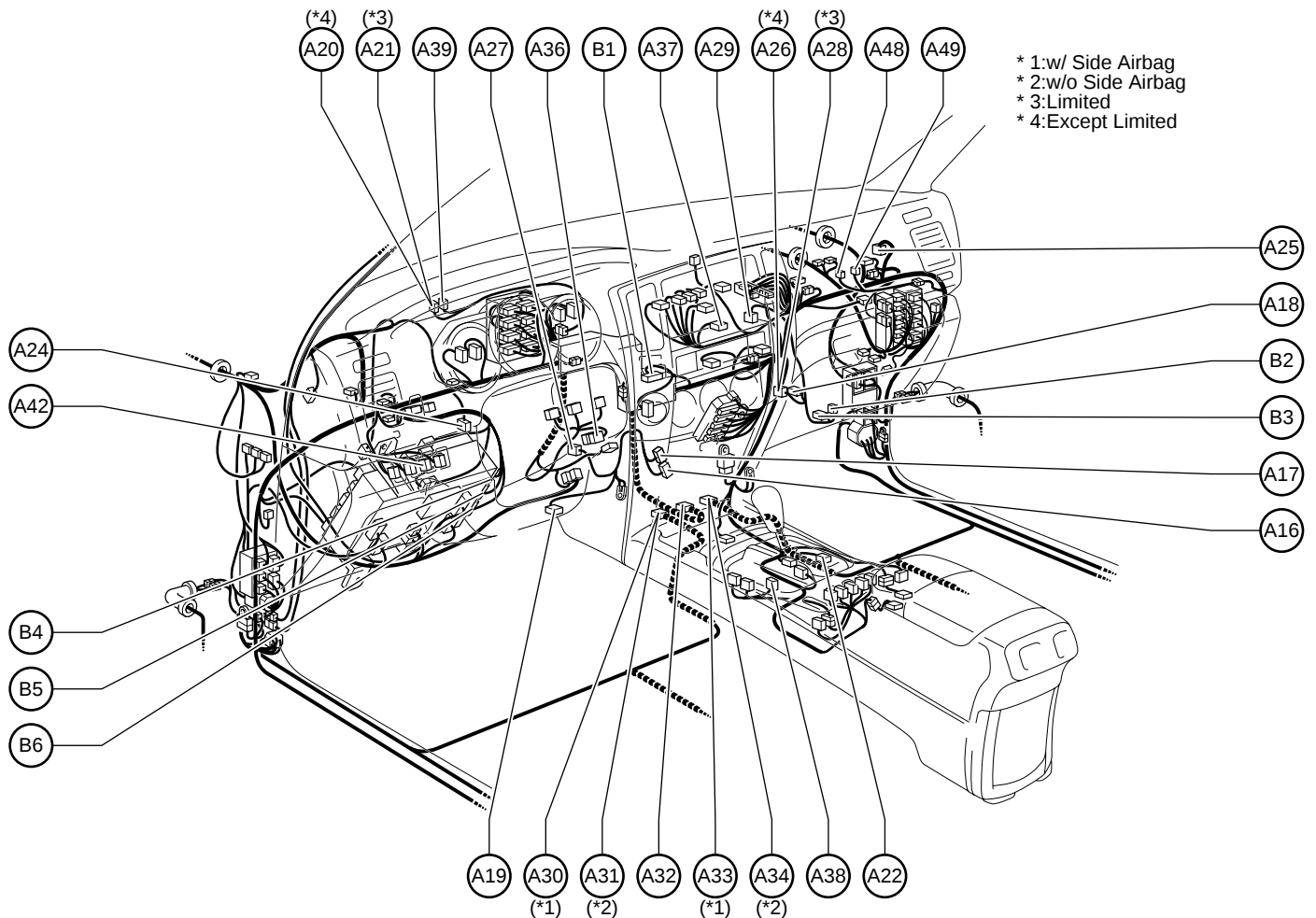
- T 1 Theft Deterrent Horn
- T 2 Throttle Control Motor
Throttle Position Sensor
- T 3 Transfer Shift Actuator
- T 4 Turbine Speed Sensor

- V 1 VSV (ACIS)
- V 2 VSV (Purge)
- V 3 VVT Sensor (Bank 2)
- V 4 VVT Sensor (Bank 1)
- V11 Vehicle Speed Sensor
(Electronically Controlled Transmission)

- W 1 Washer Level Sensor
- W 2 Washer Motor
- W 3 Wireless Door Lock Buzzer

G ELECTRICAL WIRING ROUTING

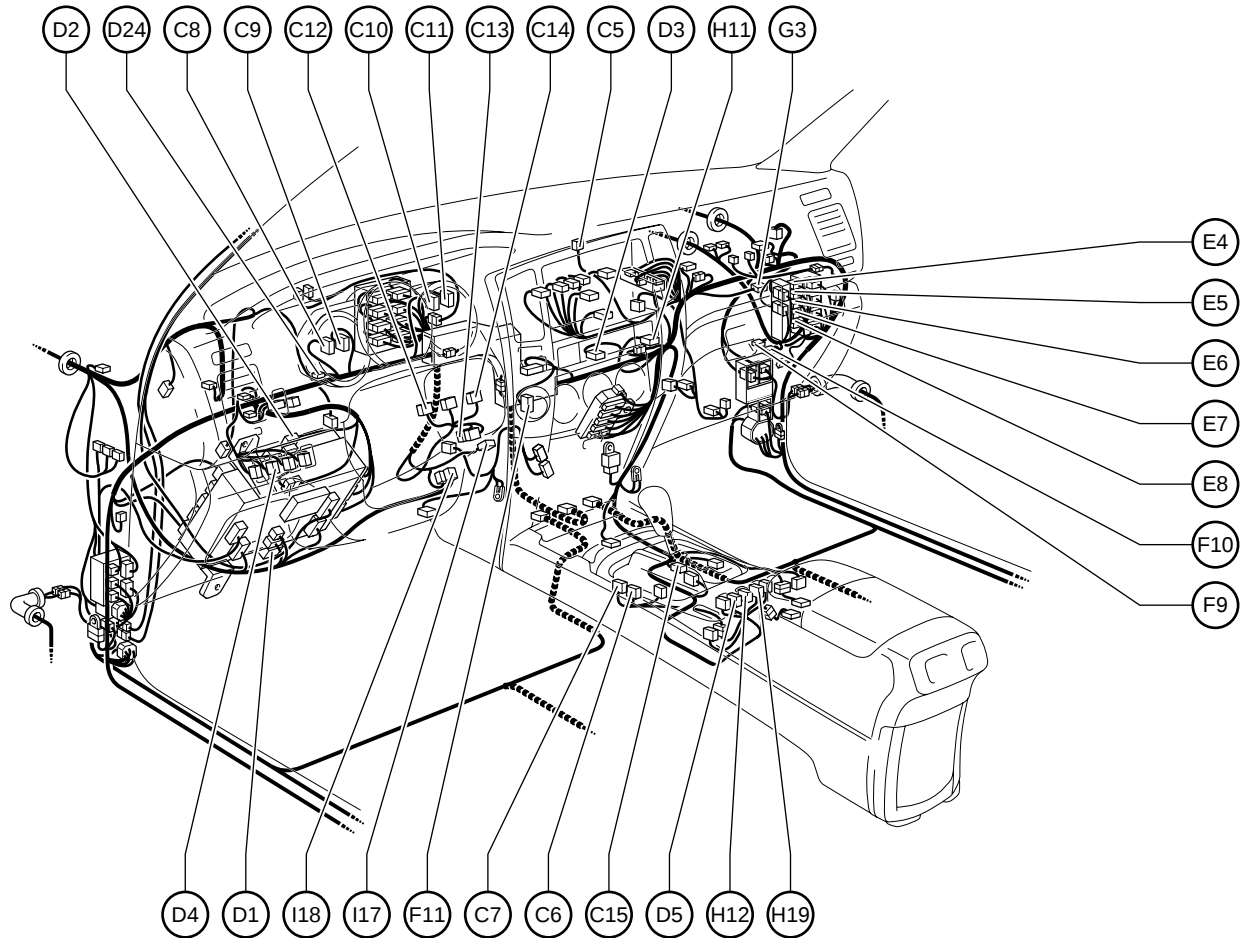
Position of Parts in Instrument Panel



A16 A/C Control Assembly
 A17 A/C Control Assembly
 A18 A/C Evaporator Temp. Sensor
 A19 A/C Room Temp. Sensor
 A20 A/C Solar Sensor
 A21 A/C Solar Sensor
 A22 A/T Shift Lever Illumination
 A24 Accel Position Sensor
 A25 Air Inlet Control Servo Motor
 A26 Air Mix Control Servo Motor
 A27 Air Mix Control Servo Motor LH
 A28 Air Mix Control Servo Motor RH
 A29 Air Vent Mode Control Servo Motor
 A30 Airbag Sensor Assembly
 A31 Airbag Sensor Assembly
 A32 Airbag Sensor Assembly
 A33 Airbag Sensor Assembly
 A34 Airbag Sensor Assembly
 A36 Airbag Squib (Steering Wheel Pad)
 A37 Antenna Amplifier
 A38 Ashtray Illumination
 A39 Automatic Light Control Sensor
 A42 Auto LSD SW
 A48 Airbag Squib (Front Passenger Airbag Assembly)
 A49 Airbag Squib (Front Passenger Airbag Assembly)

B 1 Back Door Power Window Control SW
 B 2 Blower Motor
 B 3 Blower Motor Controller
 B 4 Body ECU
 B 5 Body ECU
 B 6 Body ECU

Position of Parts in Instrument Panel



C 5 Center Speaker
 C 6 Cigarette Lighter
 C 7 Cigarette Lighter Illumination
 C 8 Combination Meter
 C 9 Combination Meter
 C10 Combination Meter
 C11 Combination Meter
 C12 Combination SW
 C13 Combination SW
 C14 Combination SW
 C15 Cup Holder Illumination

D 1 Data Link Connector 3
 D 2 Daytime Running Light Relay
 Turn Signal Flasher Relay
 D 3 Defogger SW
 Heater Control Panel
 Passenger Seat Belt Warning Light
 Security Indicator Light
 D 4 Diff. Lock SW
 D 5 Downhill Assist Control SW
 D24 Diode (Rear Wiper)

E 4 Engine Control Module
 E 5 Engine Control Module
 E 6 Engine Control Module
 E 7 Engine Control Module
 E 8 Engine Control Module

F 9 4WD Control ECU
 F10 4WD Control ECU
 F11 4WD Control SW

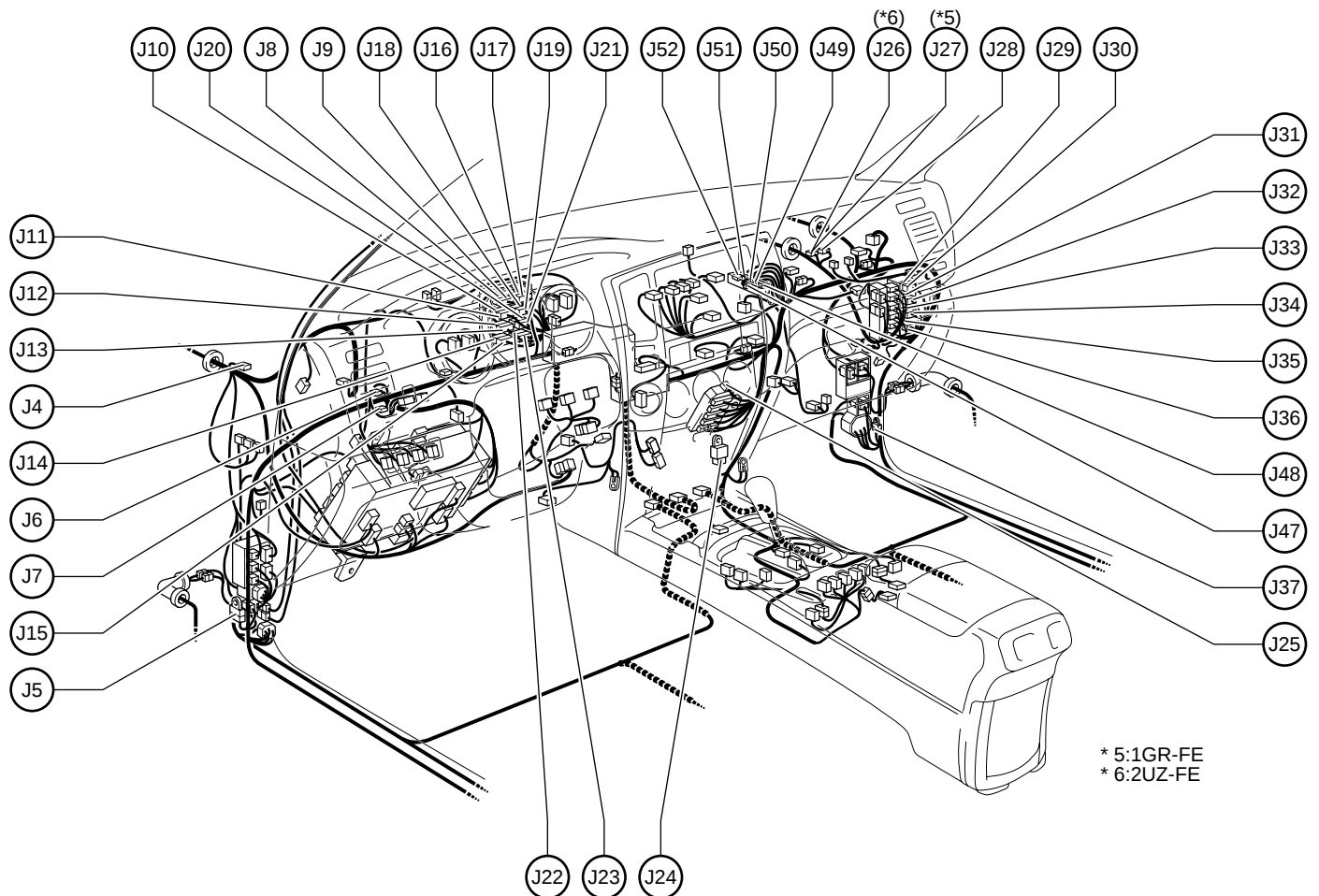
G 3 Glove Box Light

H11 Hazard SW
 H12 Height Control SW
 H19 Height Control Mode Select SW

I 17 Ignition Key Cylinder Light
 Transponder Key Amplifier
 I 18 Ignition SW

G ELECTRICAL WIRING ROUTING

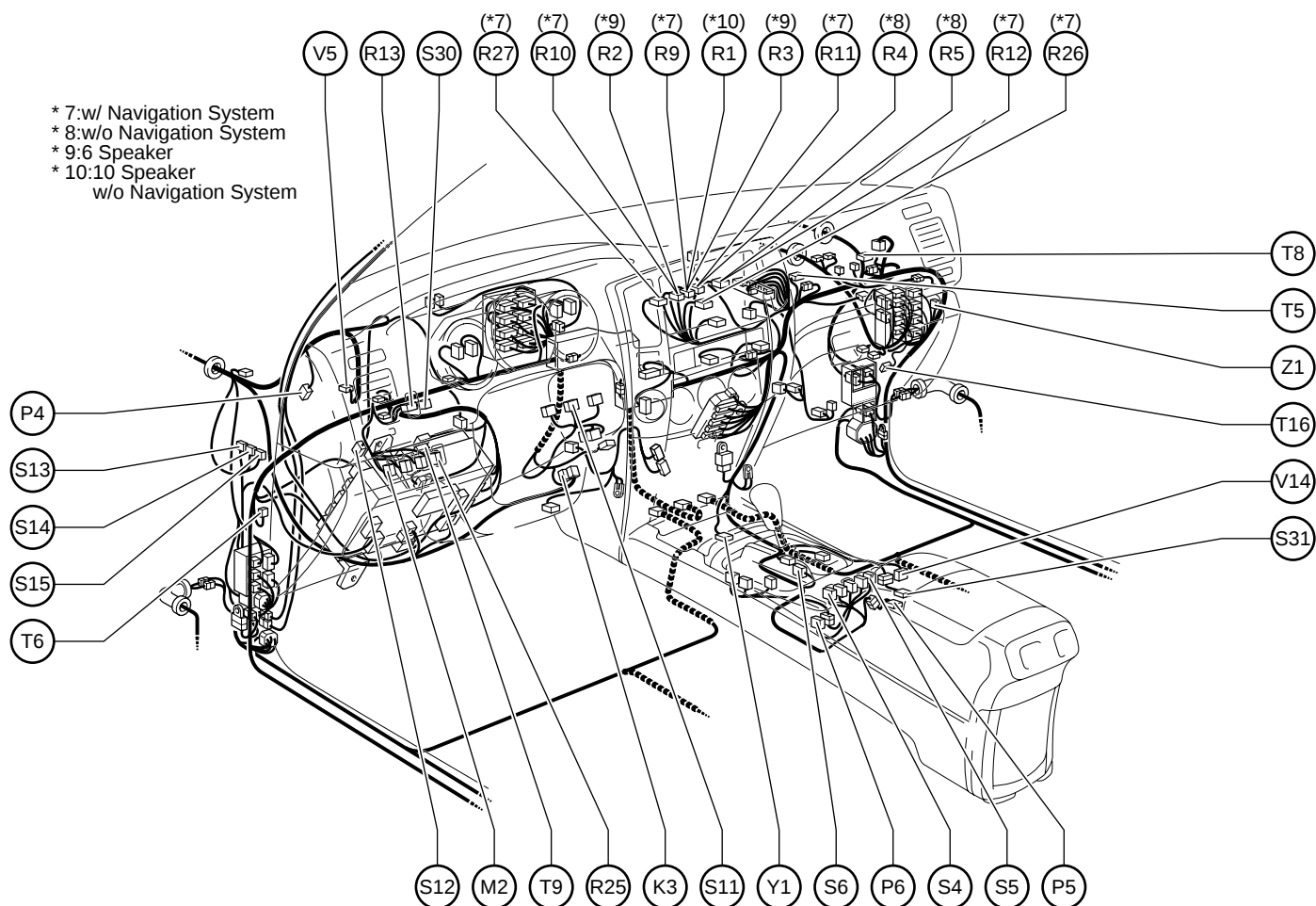
Position of Parts in Instrument Panel



J 4 Junction Connector
J 5 Junction Connector
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 19 Junction Connector
J 20 Junction Connector
J 21 Junction Connector
J 22 Junction Connector
J 23 Junction Connector

J 24 Junction Connector
J 25 Junction Connector
J 26 Junction Connector
J 27 Junction Connector
J 28 Junction Connector
J 29 Junction Connector
J 30 Junction Connector
J 31 Junction Connector
J 32 Junction Connector
J 33 Junction Connector
J 34 Junction Connector
J 35 Junction Connector
J 36 Junction Connector
J 37 Junction Connector
J 47 Junction Connector
J 48 Junction Connector
J 49 Junction Connector
J 50 Junction Connector
J 51 Junction Connector
J 52 Junction Connector

Position of Parts in Instrument Panel



K 3 Key Interlock Solenoid
 Unlock Warning SW

M 2 Main SW

P 4 Parking Brake SW
 P 5 Power Outlet (115V)
 P 6 Power Outlet (Front)

R 1 Radio and Player
 R 2 Radio and Player
 R 3 Radio and Player
 R 4 Radio and Player
 R 5 Radio and Player
 R 9 Radio and Player with Display
 R10 Radio and Player with Display
 R11 Radio and Player with Display
 R12 Radio and Player with Display
 R13 Rheostat
 R25 Roll Sensing of Curtain Shield Airbag Cutoff SW
 R26 Radio and Player with Display
 R27 Radio and Player with Display

S 4 Seat Heater SW LH
 S 5 Seat Heater SW RH
 S 6 Shift Lock Control ECU
 Transmission Control SW
 S11 Steering Sensor
 S12 Stop Light SW
 S13 Suspension Control ECU
 S14 Suspension Control ECU
 S15 Suspension Control ECU
 S30 Seat Memory SW
 S31 Stereo Jack Adapter

T 5 Theft Deterrent ECU
 T 6 Towing Brake Controller
 T 8 Transponder Key Computer
 T 9 Turn Signal Flasher Relay
 T16 Tire Pressure Warning ECU

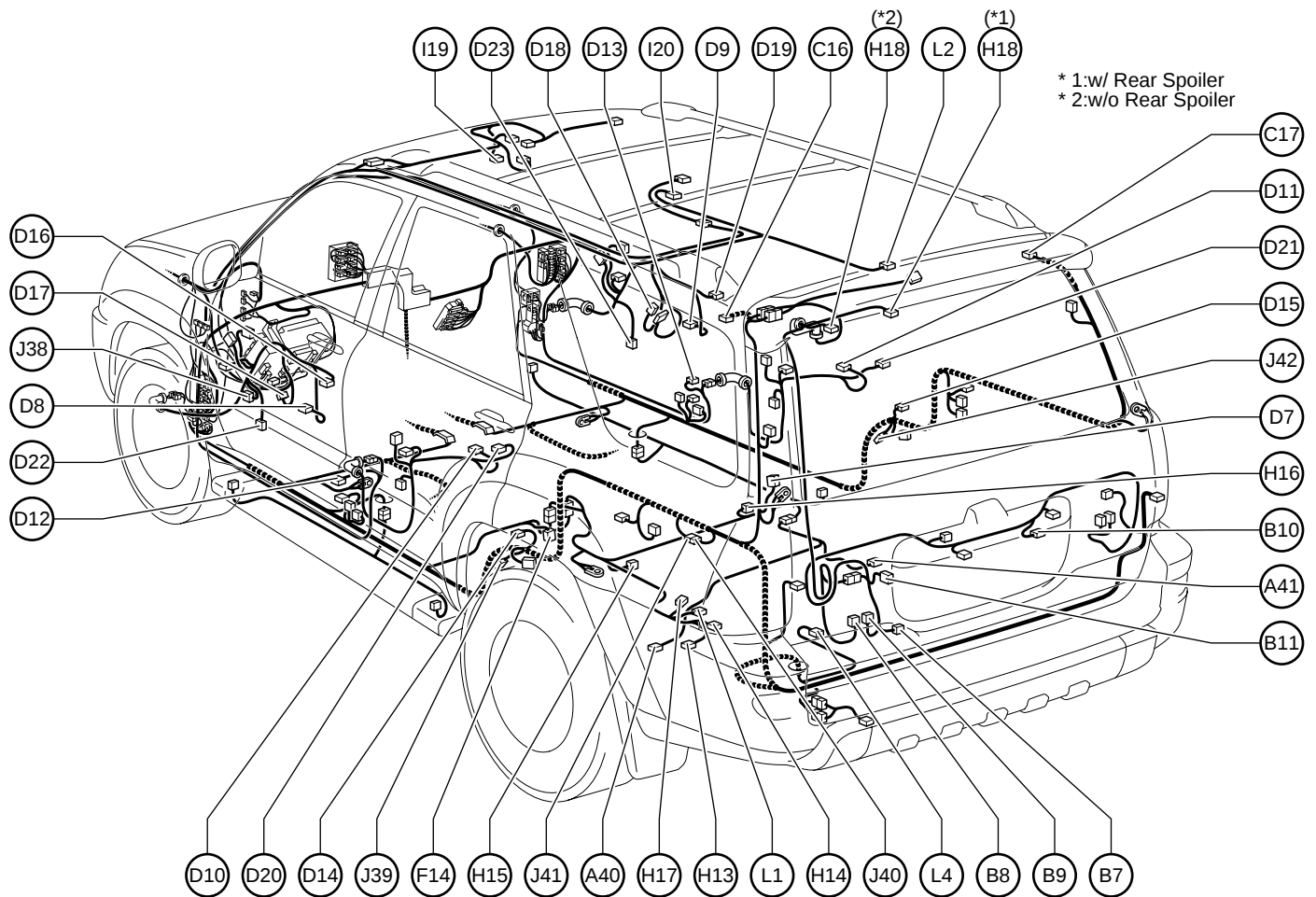
V 5 VSC Warning Buzzer
 V14 Video Terminal

Y 1 Yaw Rate Sensor

Z 1 Option Connector (TVIP ECU)

G ELECTRICAL WIRING ROUTING

Position of Parts in Body



A40 ABS Speed Sensor Rear LH
A41 ABS Speed Sensor Rear RH

B 7 Back Door Courtesy SW
Back Door Half Latch SW
Back Door Lock Detection SW
Back Door Lock Motor
B 8 Back Door ECU
B 9 Back Door ECU
B10 Back Door Opener SW
License Plate Light
B11 Back Door Power Window Motor

C16 Curtain Shield Airbag Squib LH
C17 Curtain Shield Airbag Squib RH

D 7 Door Control Receiver
D 8 Door Courtesy Light Front LH
D 9 Door Courtesy Light Front RH
D10 Door Courtesy Light Rear LH
D11 Door Courtesy Light Rear RH
D12 Door Courtesy SW Front LH
D13 Door Courtesy SW Front RH
D14 Door Courtesy SW Rear LH
D15 Door Courtesy SW Rear RH
D16 Door Key Lock and Unlock SW Front LH
Door Lock Detection SW Front LH
Door Lock Motor Front LH
D17 Door Lock Control SW Front LH
Power Window Master SW
D18 Door Lock Control SW Front RH

D19 Door Lock Detection SW Front RH
Door Lock Motor Front RH
D20 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
D21 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
D22 Door Speaker Front LH No.1
D23 Door Speaker Front RH No.1

F14 Fuel Pump
Fuel Sender

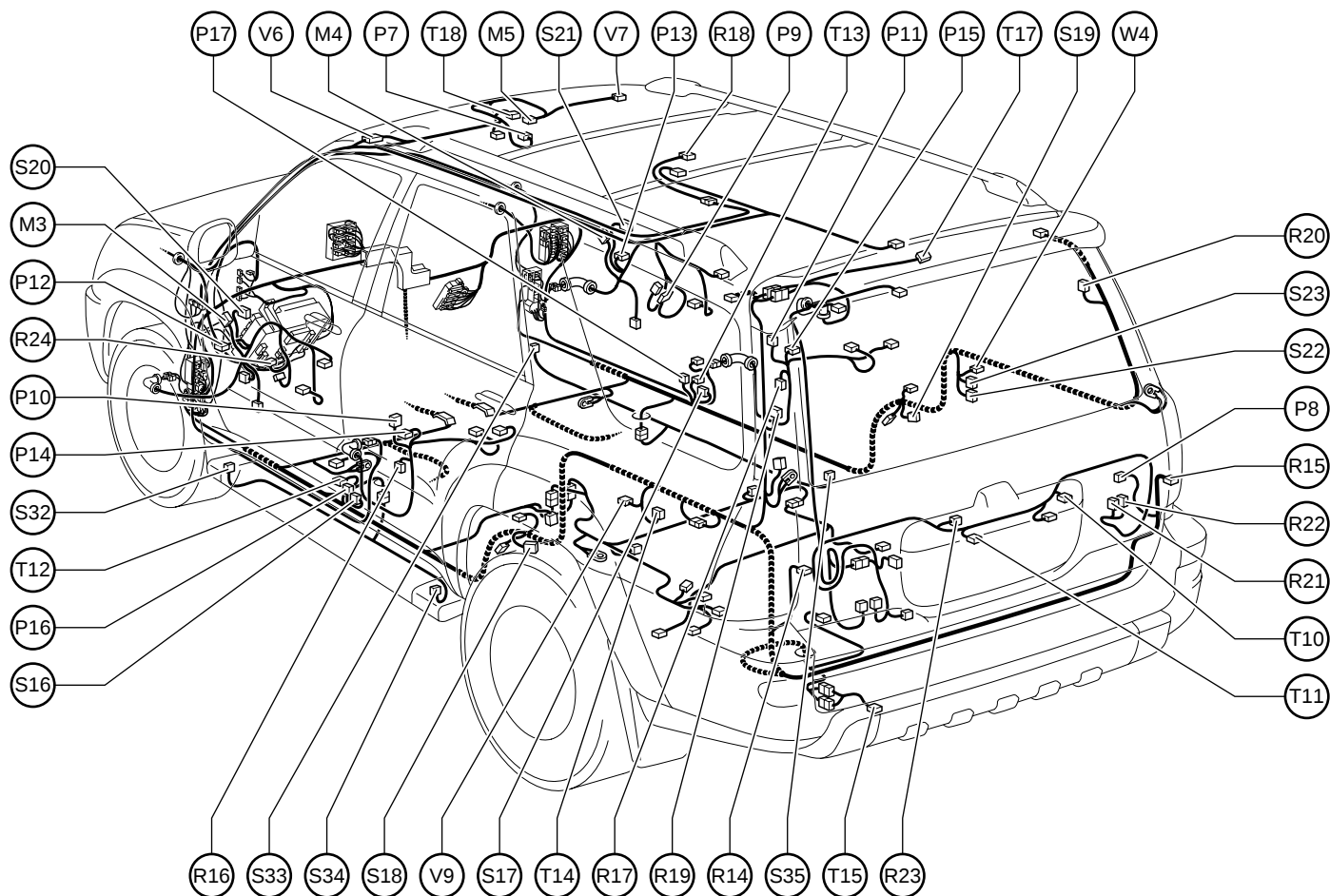
H13 Height Control Compressor
H14 Height Control Motor
H15 Height Control Sensor Rear LH
H16 Height Control Sensor Rear RH
H17 Height Control Valve
H18 High Mounted Stop Light

I 19 Inner Mirror
I 20 Interior Light

J38 Junction Connector
J39 Junction Connector
J40 Junction Connector
J41 Junction Connector
J42 Junction Connector

L 1 Low Pressure Tank Valve
L 2 Luggage Compartment Light
L 4 Canister Pump Module

Position of Parts in Body



M 3 Mirror Heater LH
Remote Control Mirror LH
M 4 Mirror Heater RH
Remote Control Mirror RH
M 5 Moon Roof Control ECU

P 7 Moon Roof Control SW
Personal Light
P 8 Power Outlet (Rear)
P 9 Power Window Control SW Front RH
P10 Power Window Control SW Rear LH
P11 Power Window Control SW Rear RH
P12 Power Window Motor Front LH
P13 Power Window Motor Front RH
P14 Power Window Motor Rear LH
P15 Power Window Motor Rear RH
P16 Pretensioner LH
P17 Pretensioner RH

R14 Rear Combination Light LH
R15 Rear Combination Light RH
R16 Rear Door Speaker LH
R17 Rear Door Speaker RH
R18 Rear Seat Audio Controller
R19 Rear Speaker LH
R20 Rear Speaker RH
R21 Rear Window Defogger
R22 Rear Window Defogger
R23 Rear Wiper Motor
Rear Wiper Position SW
R24 Remote Control Mirror SW

S16 Side Airbag Sensor Front LH
S17 Side Airbag Sensor Front RH
S18 Side Airbag Sensor Rear LH
S19 Side Airbag Sensor Rear RH
S20 Door Speaker Front LH No.2
S21 Door Speaker Front RH No.2
S22 Stereo Component Amplifier
S23 Stereo Component Amplifier
S32 Step Light Front LH
S33 Step Light Front RH
S34 Step Light Rear LH
S35 Step Light Rear RH

T10 Tailgate Control SW
T11 Television Camera
T12 Tension Reducer Solenoid LH
T13 Tension Reducer Solenoid RH
T14 Towing Converter Relay
T15 Trailer Socket
T17 Tire Pressure Warning Antenna and Receiver
T18 Telephone Microphone

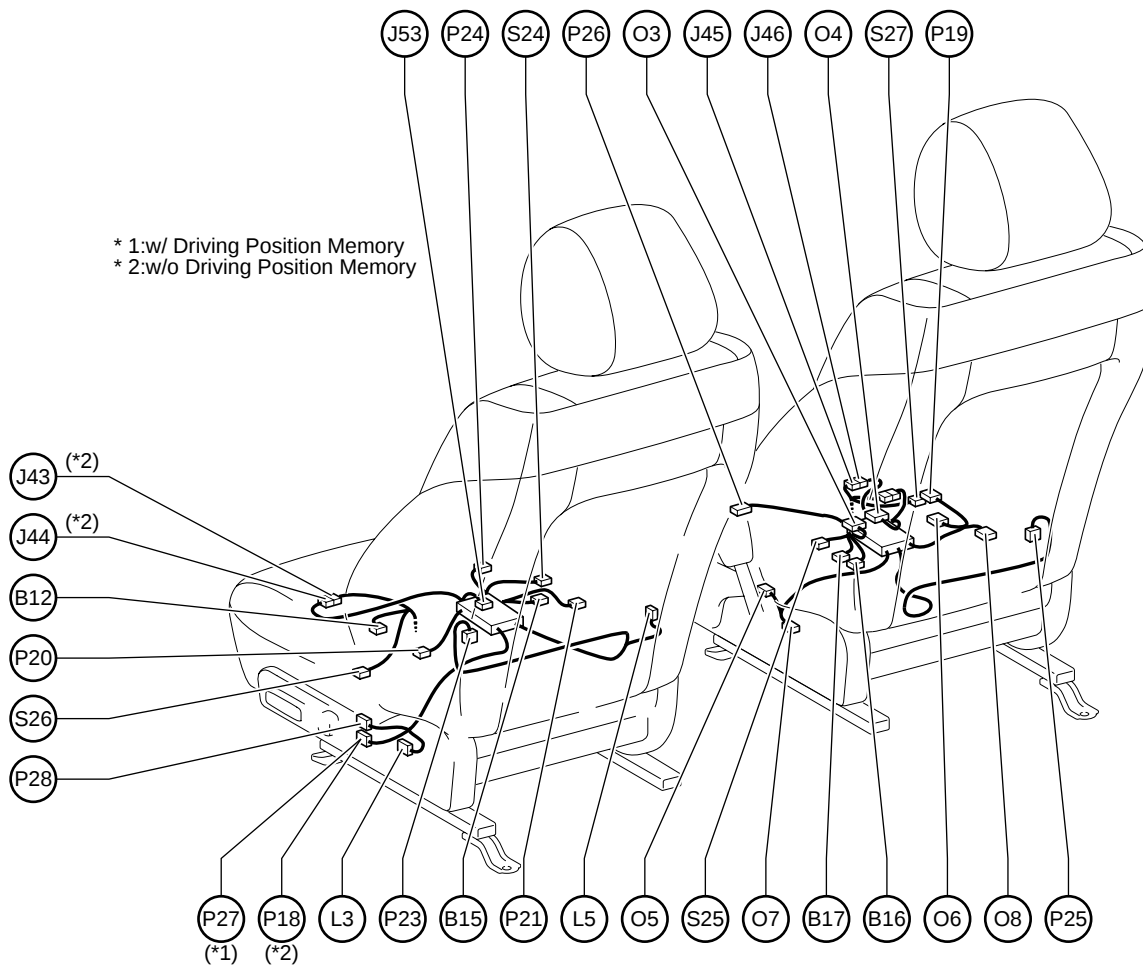
V 6 Vanity Light LH
V 7 Vanity Light RH
V 9 Voltage Inverter

W 4 Woofer

G ELECTRICAL WIRING ROUTING

Position of Parts in Seat

[Power Seat]



B12 Buckle SW LH
Seat Position Airbag Sensor

B15 Buckle SW LH

B16 Buckle SW RH

B17 Buckle SW RH

J 43 Junction Connector

J 44 Junction Connector

J 45 Junction Connector

J 46 Junction Connector

J 53 Junction Connector

L 3 Lumbar Support Control SW (Driver's Seat)

L 5 Lumbar Support Control Motor (Driver's Seat)

O 3 Occupant Classification ECU

O 4 Occupant Classification ECU

O 5 Occupant Classification Sensor Front LH

O 6 Occupant Classification Sensor Front RH

O 7 Occupant Classification Sensor Rear LH

O 8 Occupant Classification Sensor Rear RH

P18 Power Seat Control SW (Driver's Seat)

P19 Power Seat Control SW (Front Passenger's Seat)

P20 Power Seat Motor (Driver's Seat Front Vertical Control)

P21 Power Seat Motor (Driver's Seat Lifter Control)

P23 Power Seat Motor (Driver's Seat Reclining Control)

P24 Power Seat Motor (Driver's Seat Slide Control)

P25 Power Seat Motor
(Front Passenger's Seat Reclining Control)

P26 Power Seat Motor
(Front Passenger's Seat Slide Control)

P27 Position Control ECU and SW

P28 Position Control ECU and SW

S24 Seat Heater LH

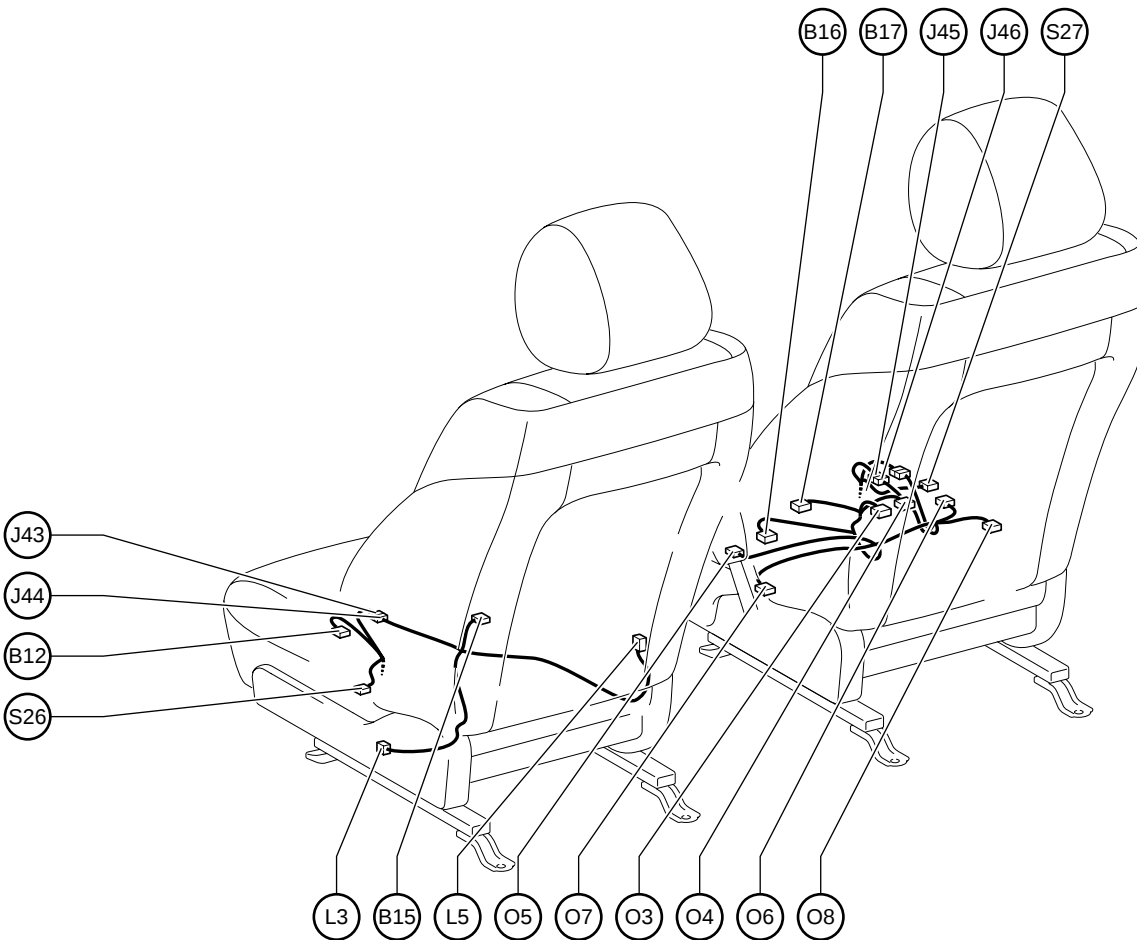
S25 Seat Heater RH

S26 Side Airbag Squib LH

S27 Side Airbag Squib RH

Position of Parts in Seat

[Manual Seat]



B 12 Buckle SW LH
Seat Position Airbag Sensor

B 15 Buckle SW LH

B 16 Buckle SW RH

B 17 Buckle SW RH

J 43 Junction Connector

J 44 Junction Connector

J 45 Junction Connector

J 46 Junction Connector

L 3 Lumbar Support Control SW (Driver's Seat)

L 5 Lumbar Support Control Motor (Driver's Seat)

O 3 Occupant Classification ECU

O 4 Occupant Classification ECU

O 5 Occupant Classification Sensor Front LH

O 6 Occupant Classification Sensor Front RH

O 7 Occupant Classification Sensor Rear LH

O 8 Occupant Classification Sensor Rear RH

S 26 Side Airbag Squib LH

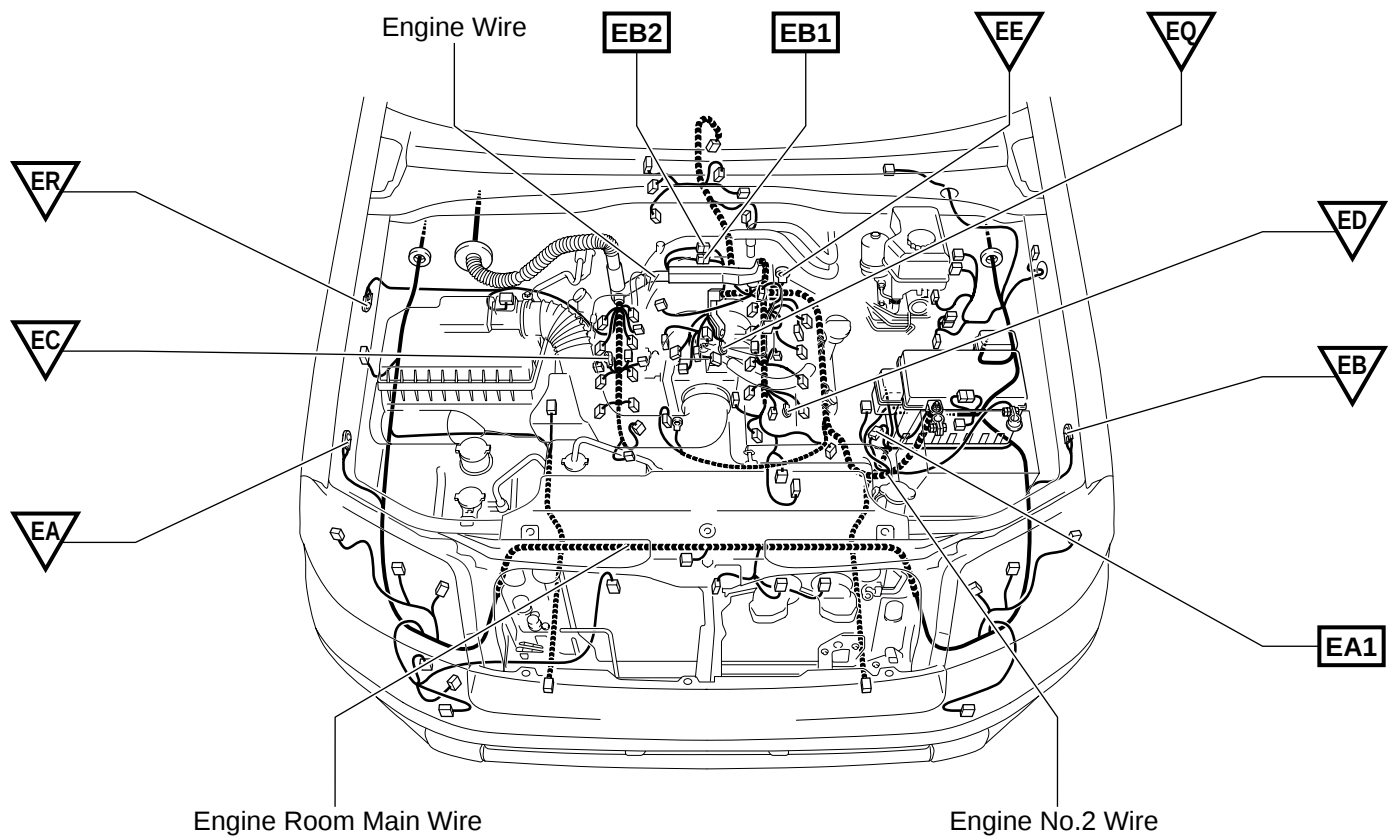
S 27 Side Airbag Squib RH

G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

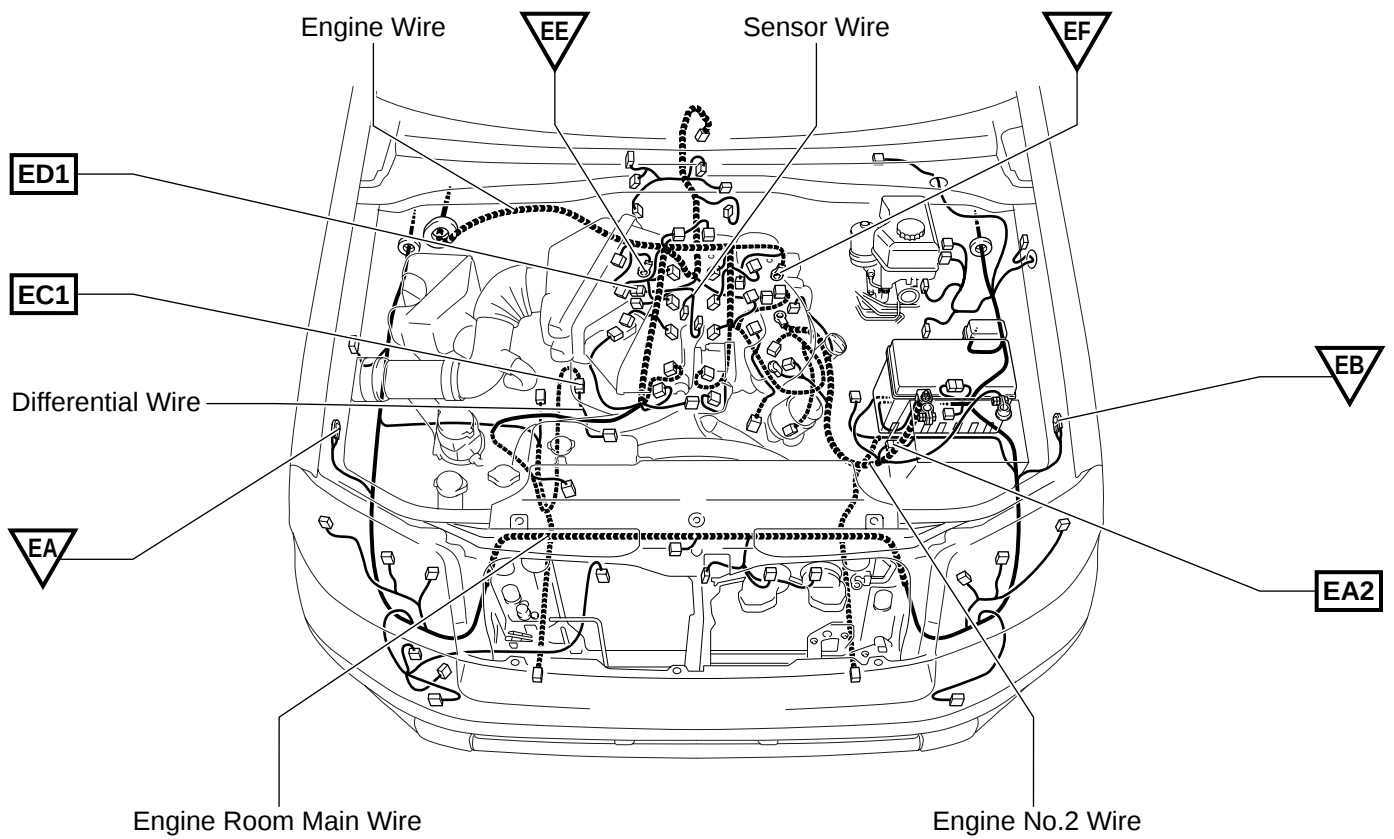
[2UZ-FE]



□ : Location of Connector Joining Wire Harness and Wire Harness

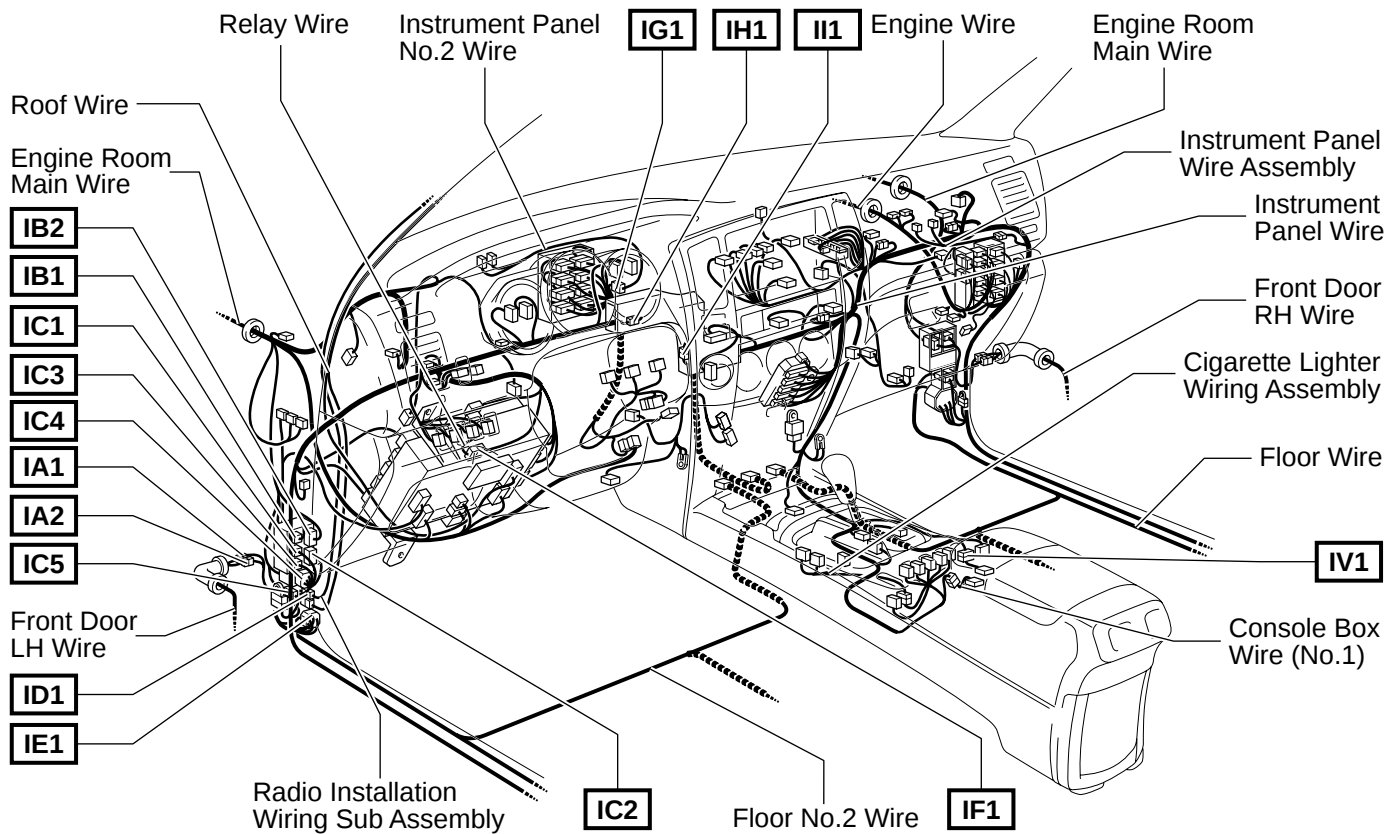
▽ : Location of Ground Points

[1GR-FE]

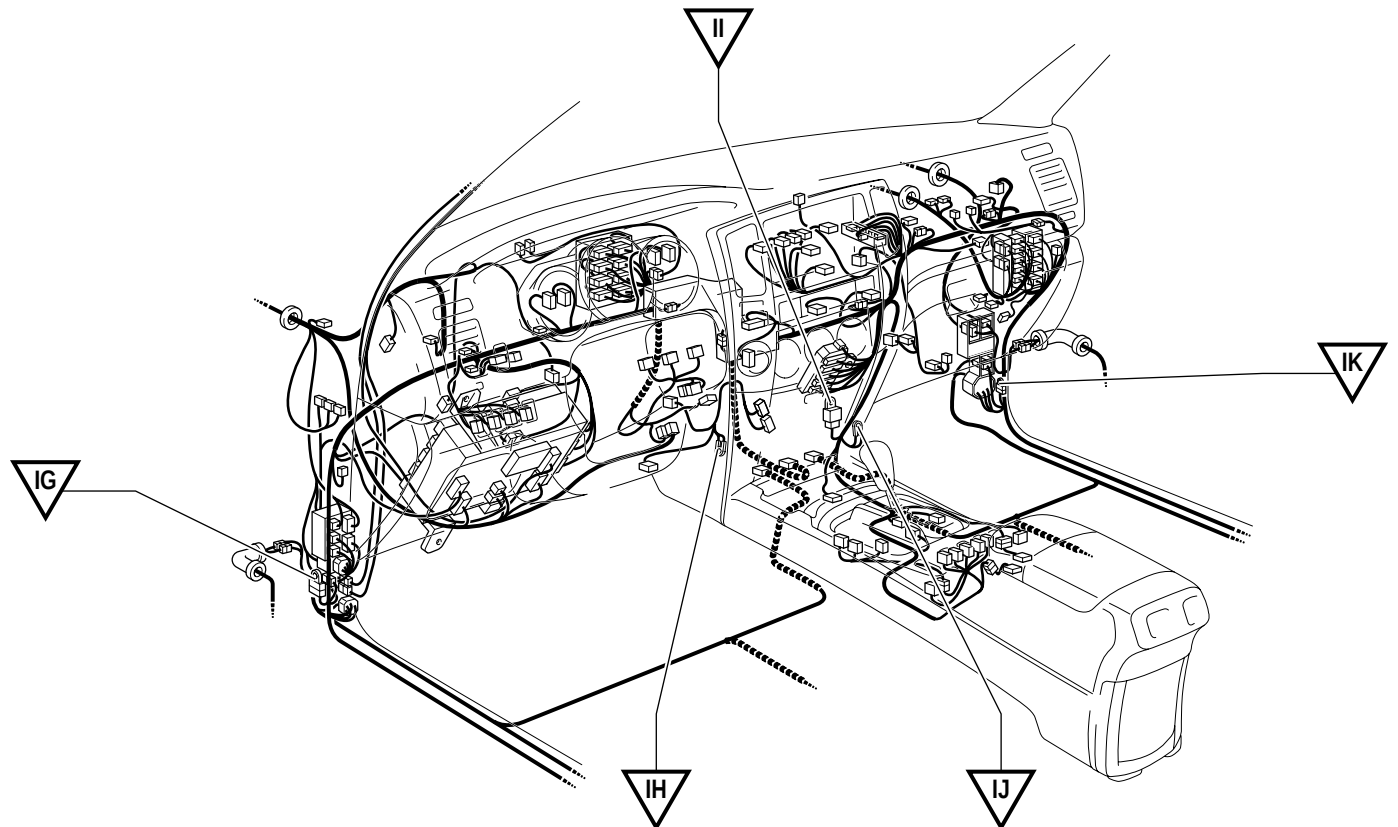


G ELECTRICAL WIRING ROUTING

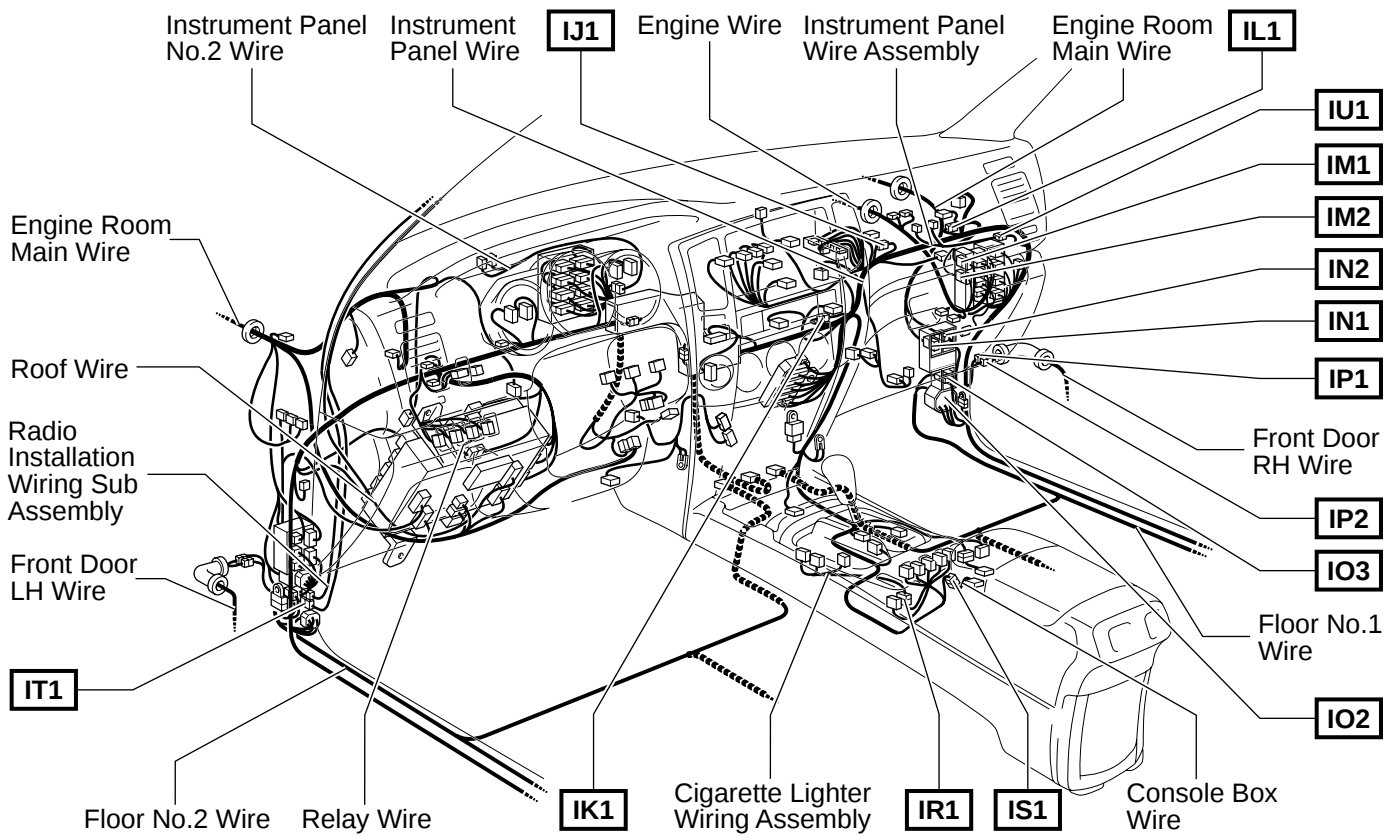
□ : Location of Connector Joining Wire Harness and Wire Harness



▽ : Location of Ground Points



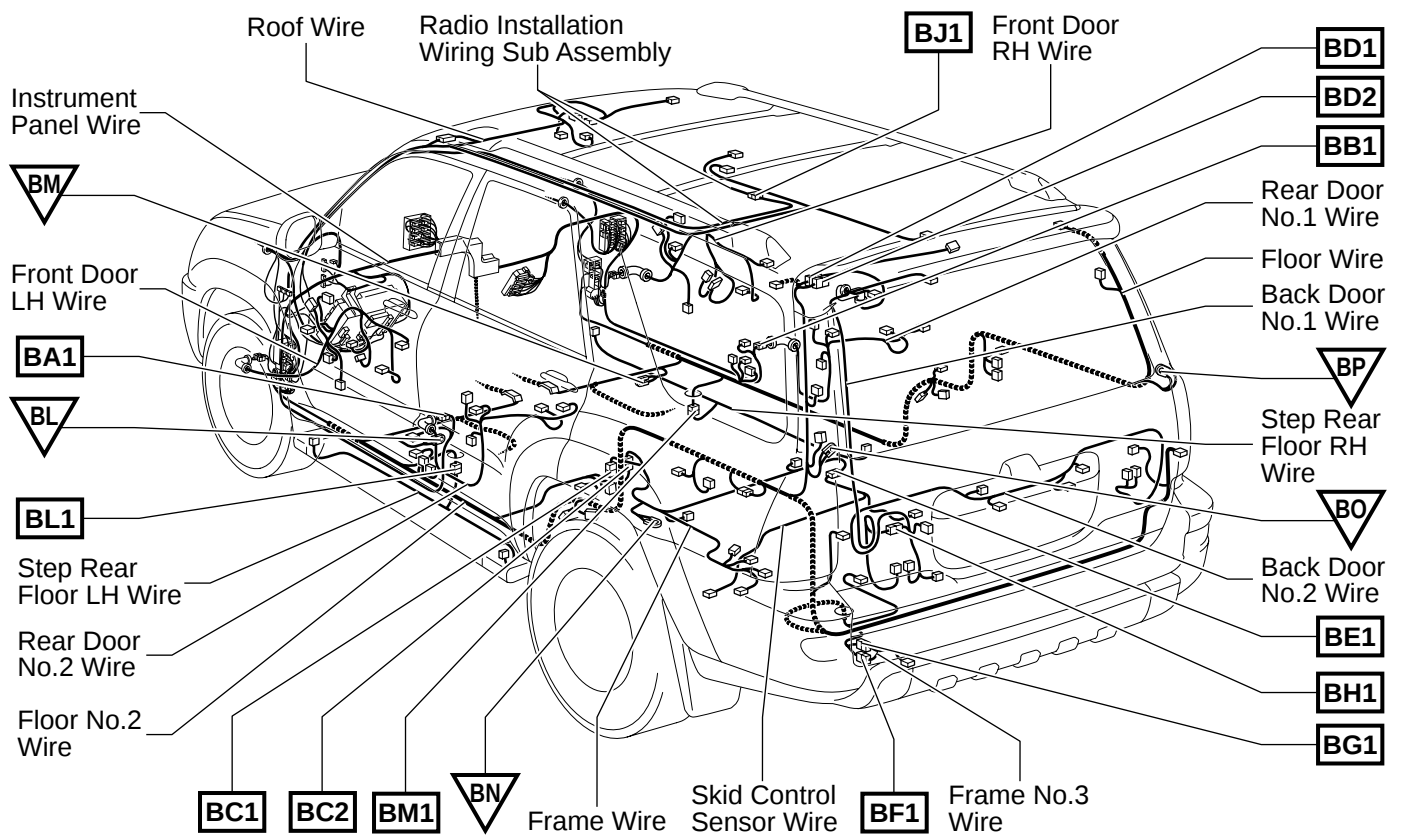
□ : Location of Connector Joining Wire Harness and Wire Harness



G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

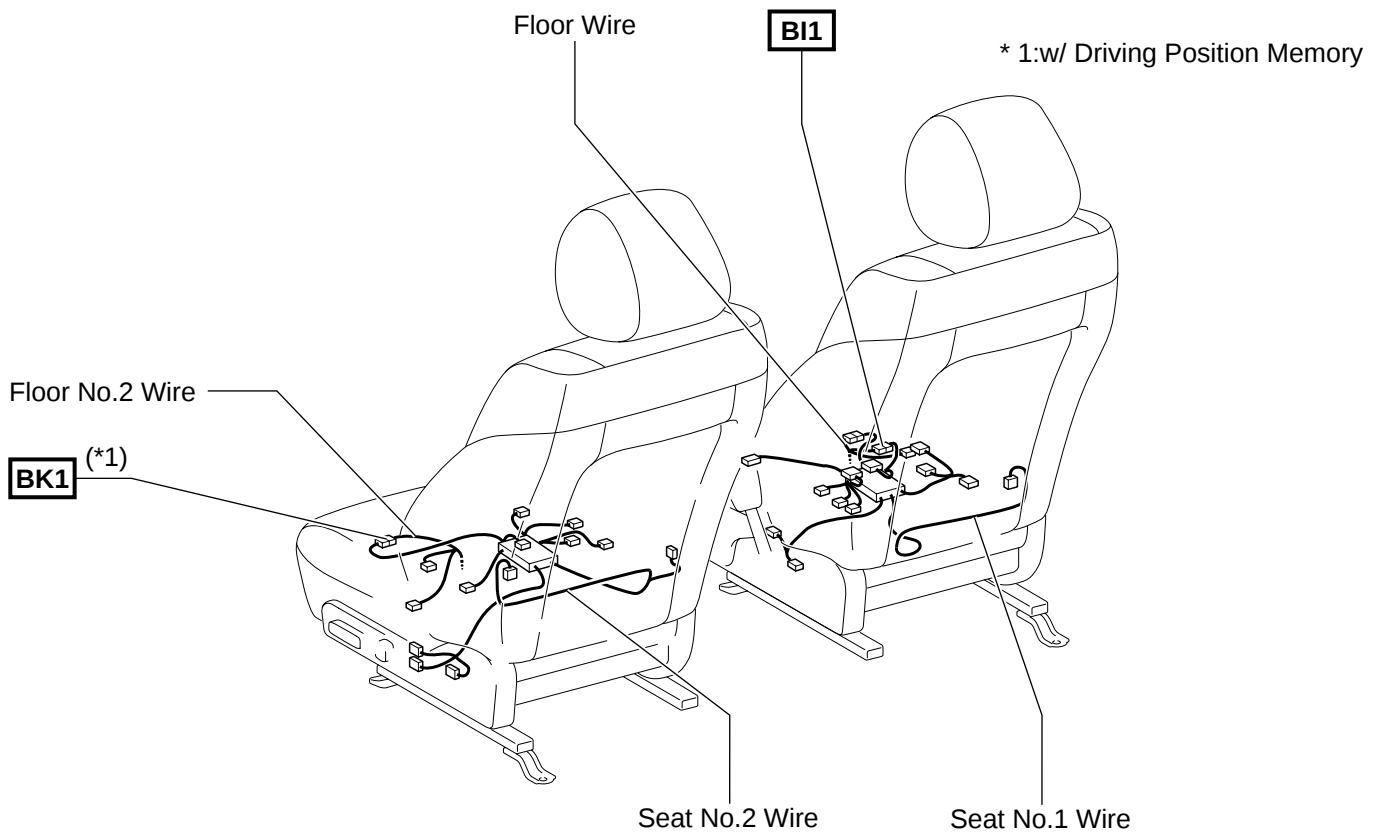
▽ : Location of Ground Points



G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[Power Seat]



 : Location of Connector Joining Wire Harness and Wire Harness

[Manual Seat]

