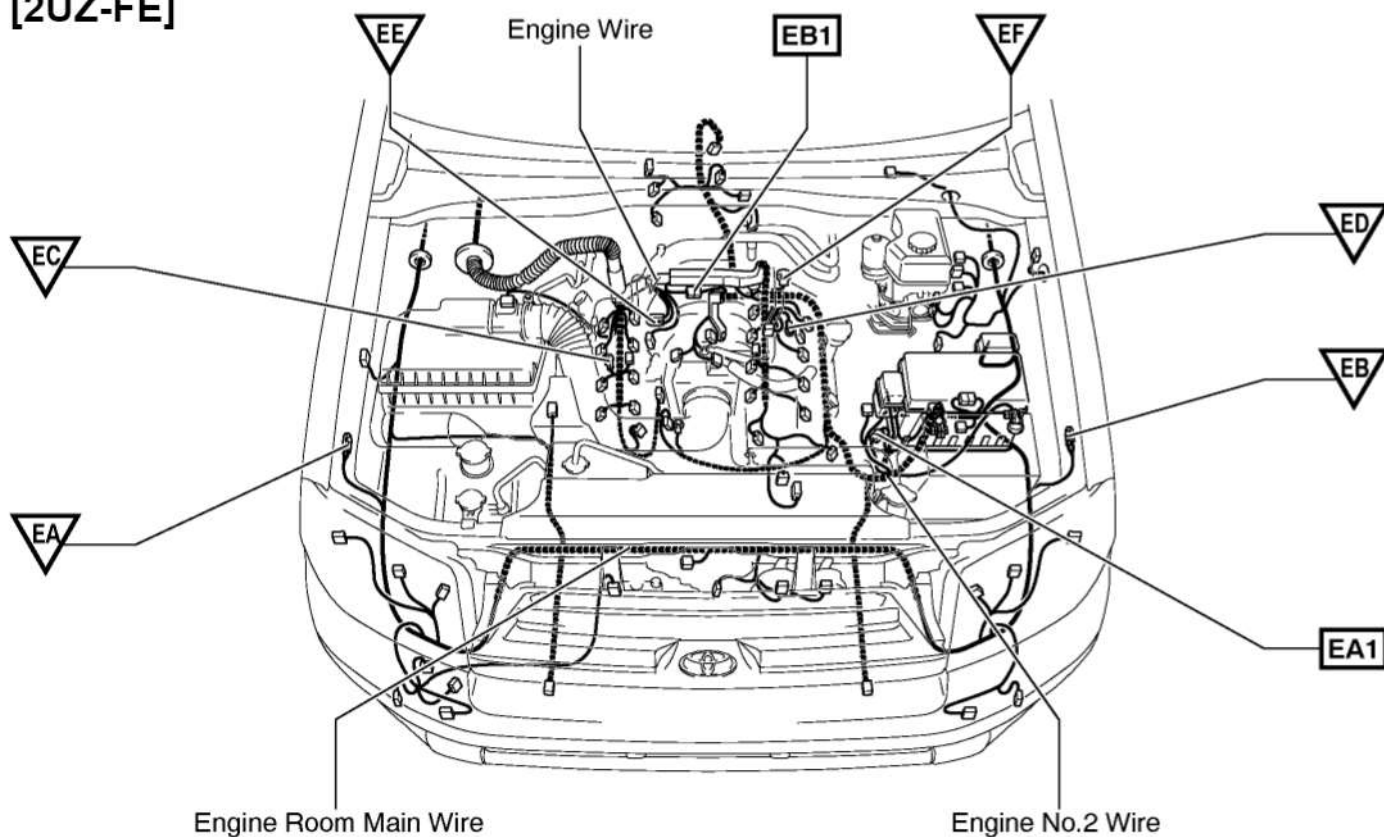


G ELECTRICAL WIRING ROUTING

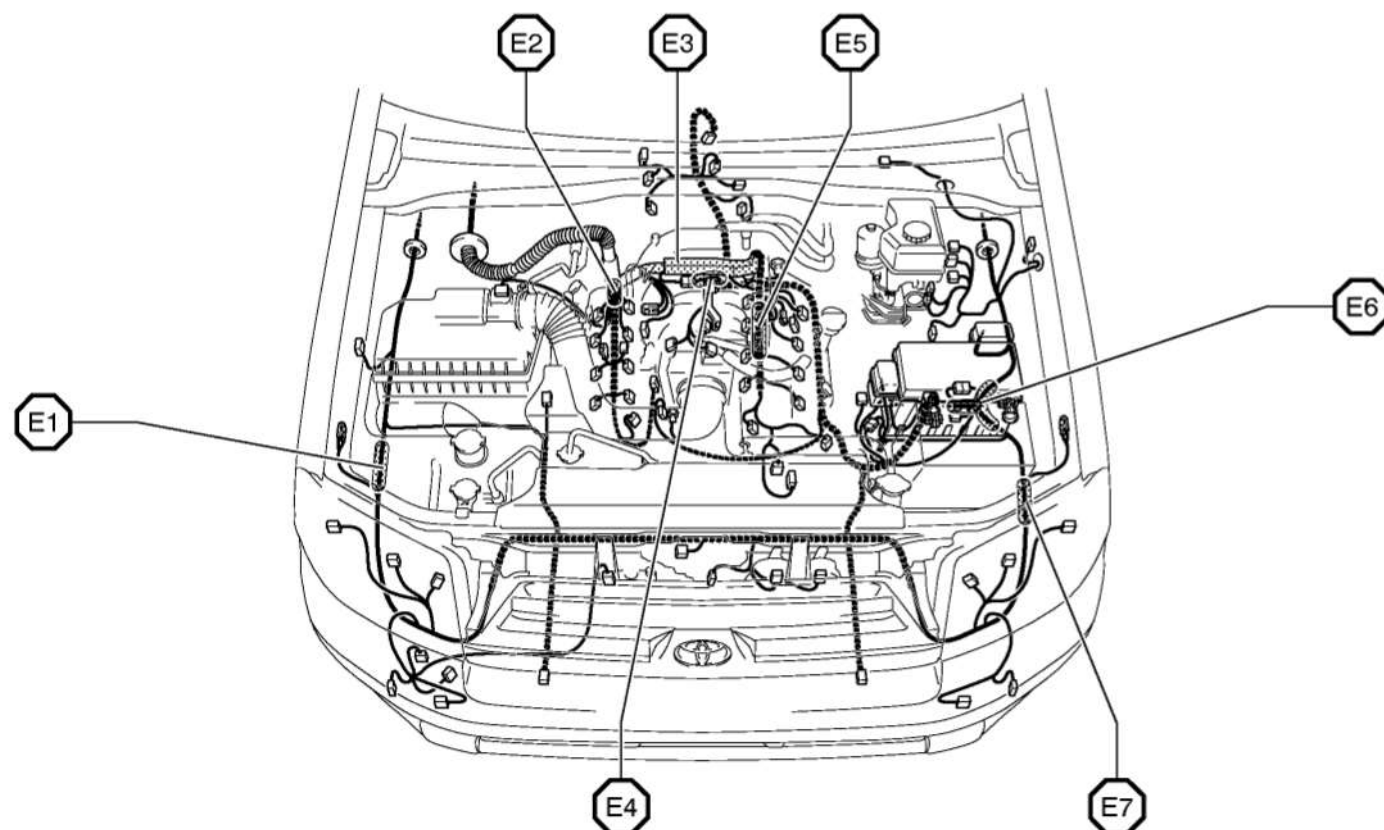
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

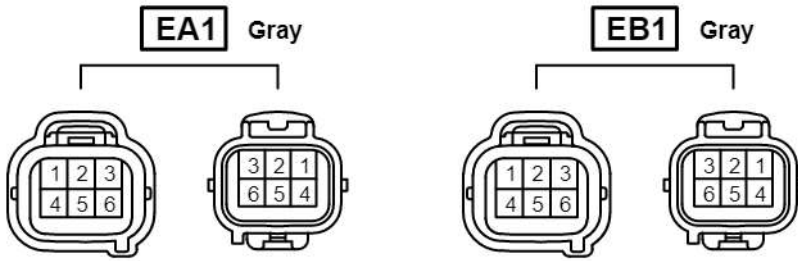
[2UZ-FE]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



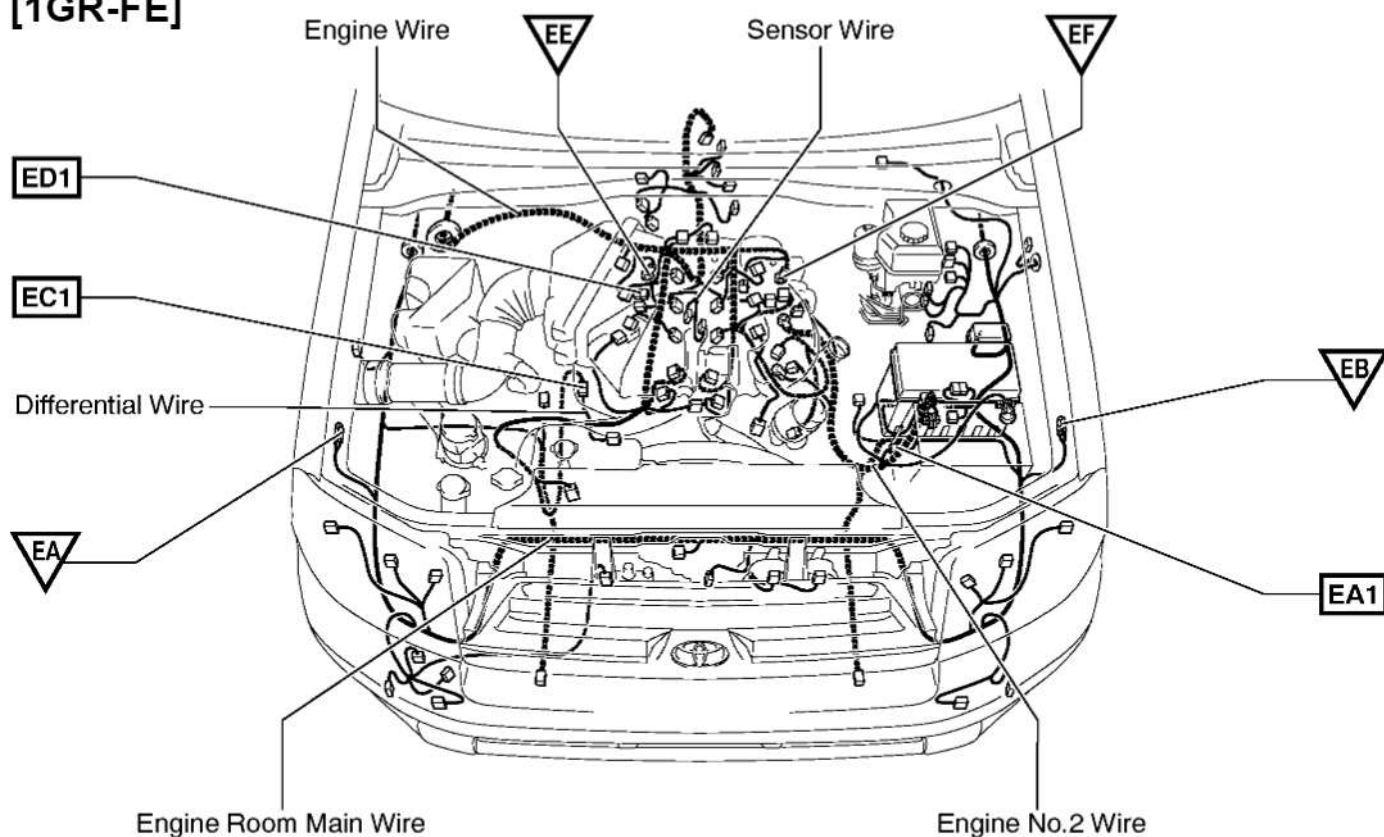
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine No.2 Wire and Engine Room Main Wire (Under the Engine Room R/B)
EB1	Engine No.2 Wire and Engine Wire (Near the Starter)

G ELECTRICAL WIRING ROUTING

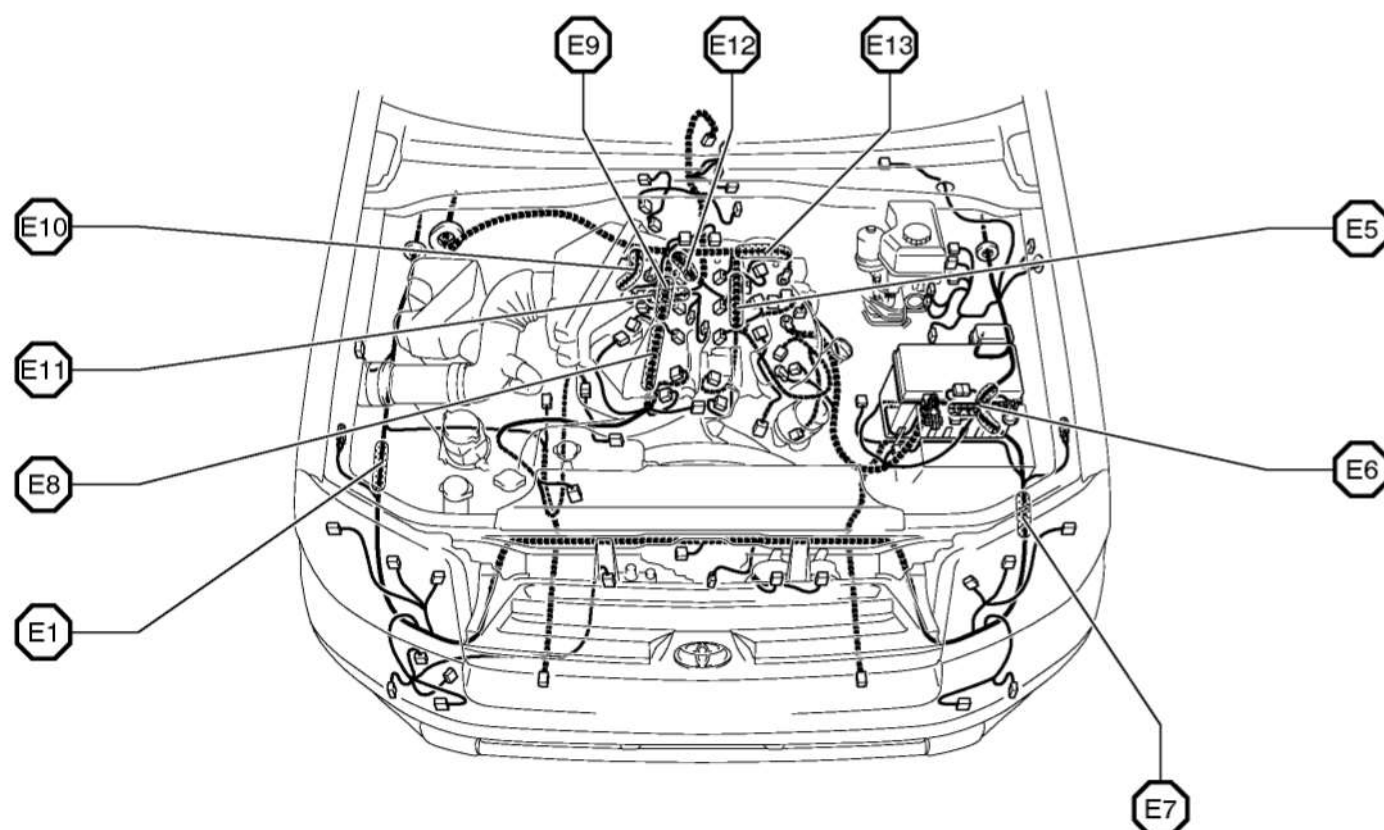
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

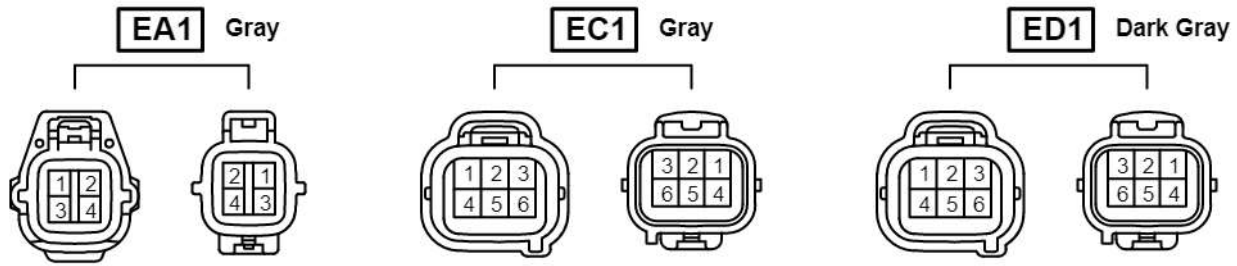
[1GR-FE]



○ : Location of Splice Points



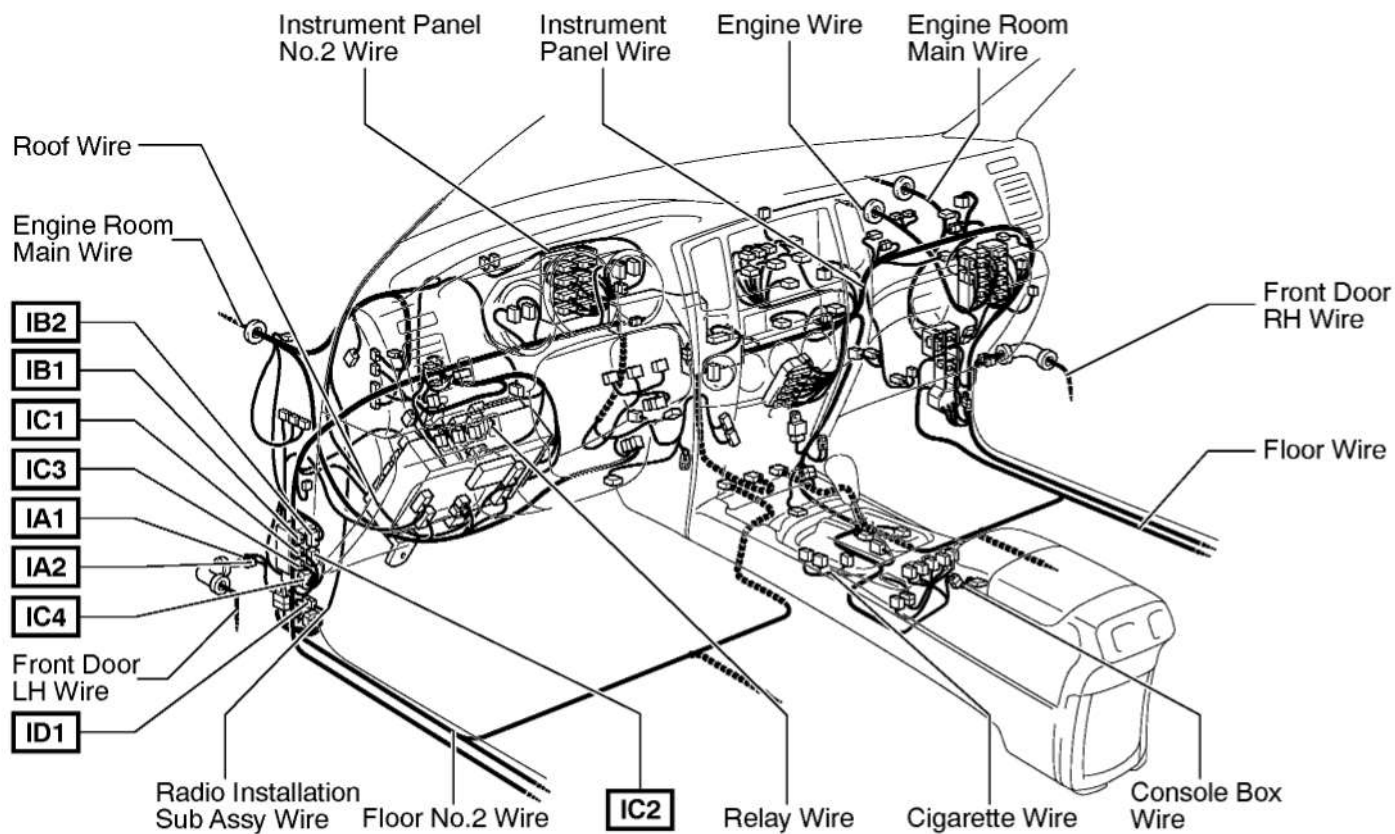
Connector Joining Wire Harness and Wire Harness



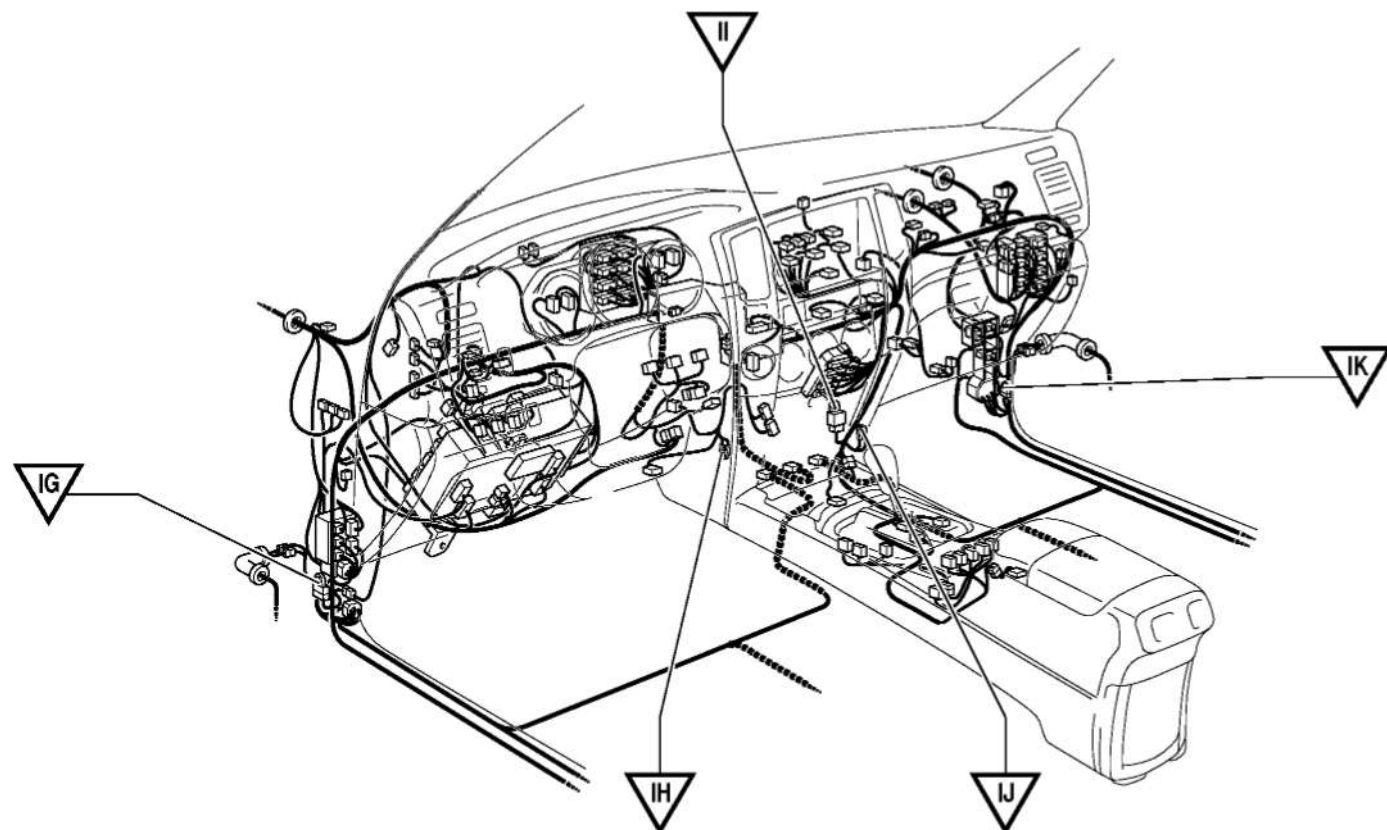
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine No.2 Wire and Engine Room Main Wire (Under the Engine Room R/B)
EC1	Engine Wire and Differential Wire (Near the Front Differential)
ED1	Engine Wire and Sensor Wire (Rear Side of Right Bank Cylinder Block)

G ELECTRICAL WIRING ROUTING

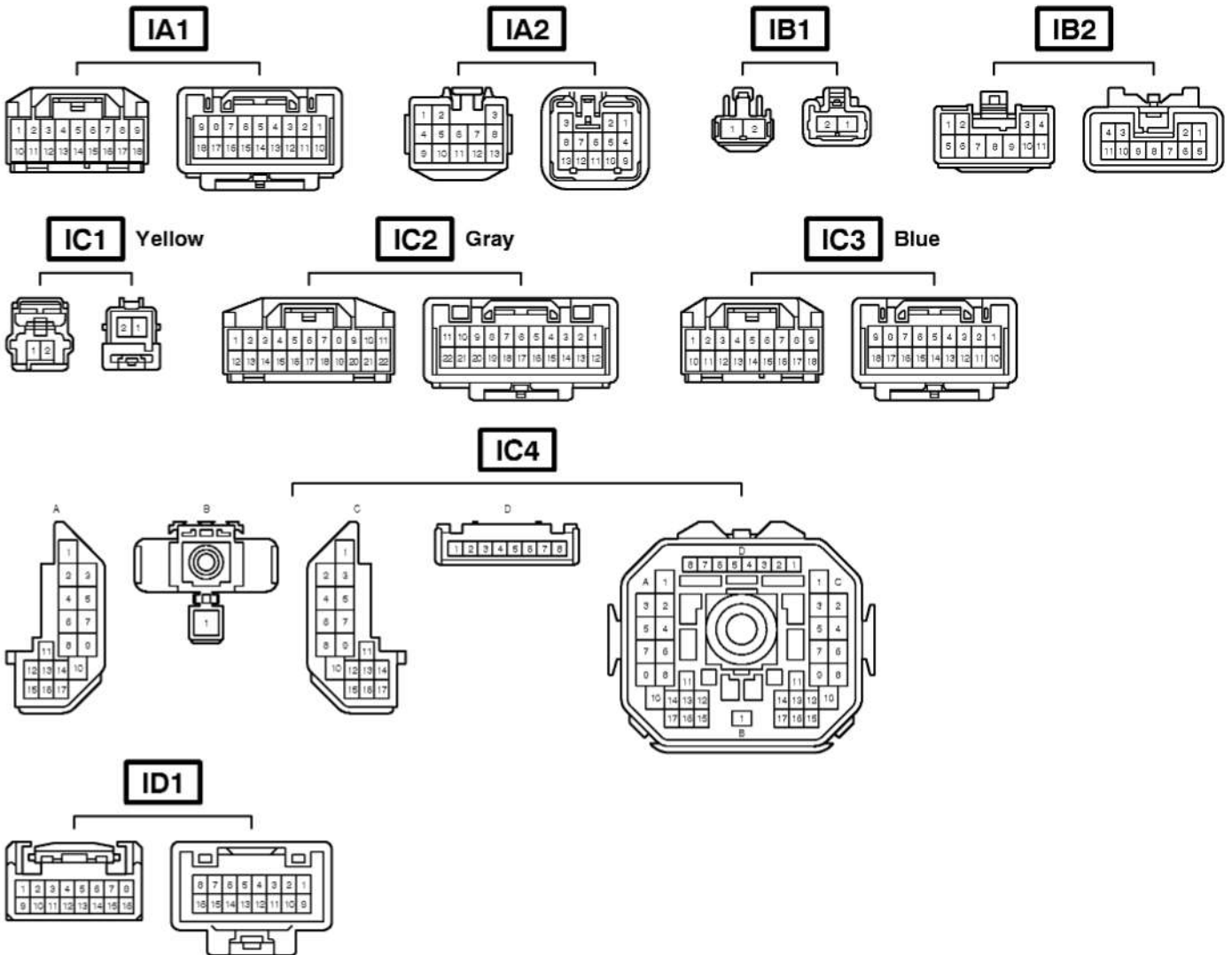
□ : Location of Connector Joining Wire Harness and Wire Harness



▽ : Location of Ground Points



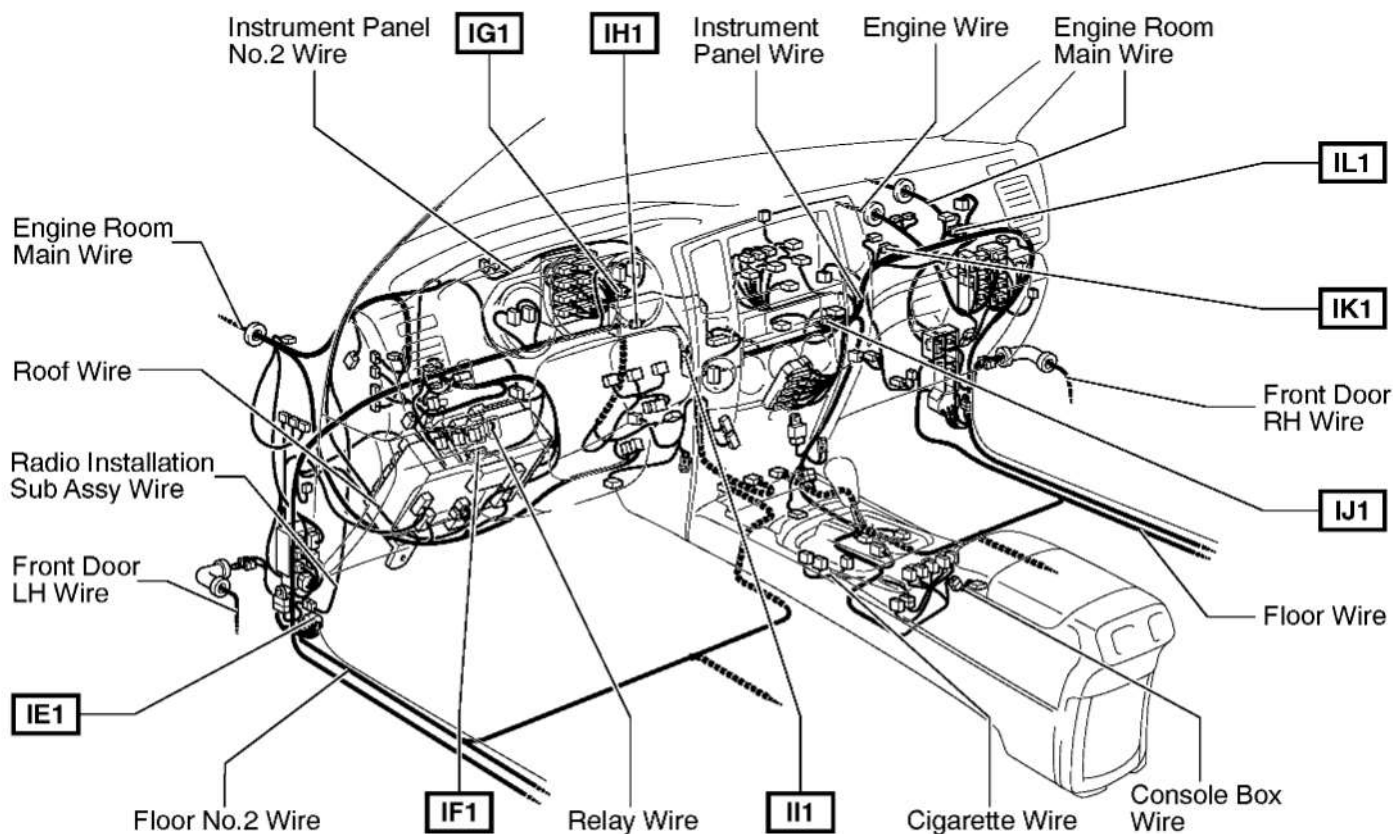
Connector Joining Wire Harness and Wire Harness



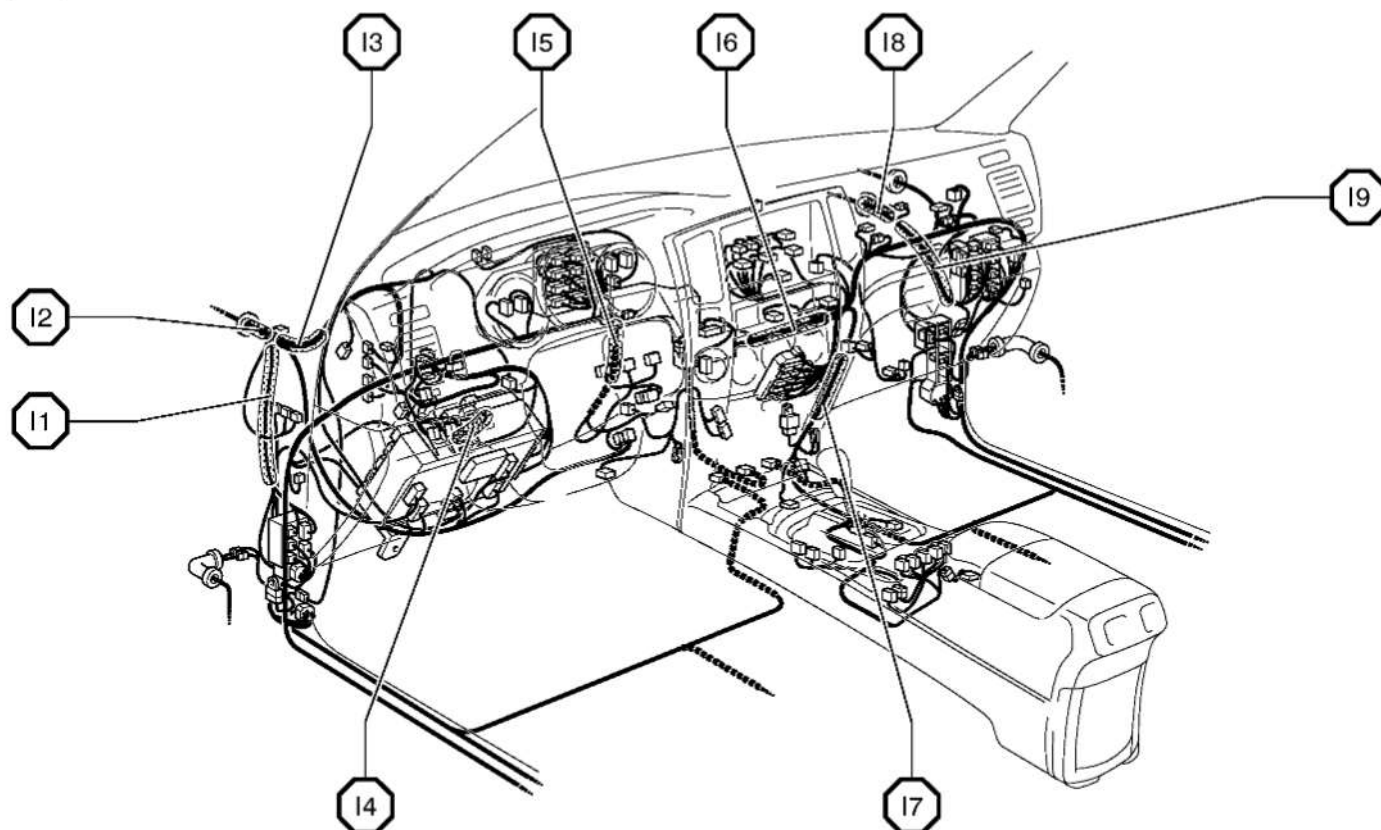
Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IA2	Front Door LH Wire and Instrument Panel Wire (Left Kick Panel)
IB1	Floor No.2 Wire and Engine Room Main Wire (Left Kick Panel)
IB2	Floor No.2 Wire and Engine Room Main Wire (Left Kick Panel)
IC1	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IC2	
IC3	
IC4	
ID1	Radio Installation Sub Assy Wire and Instrument Panel Wire (Left Kick Panel)

G ELECTRICAL WIRING ROUTING

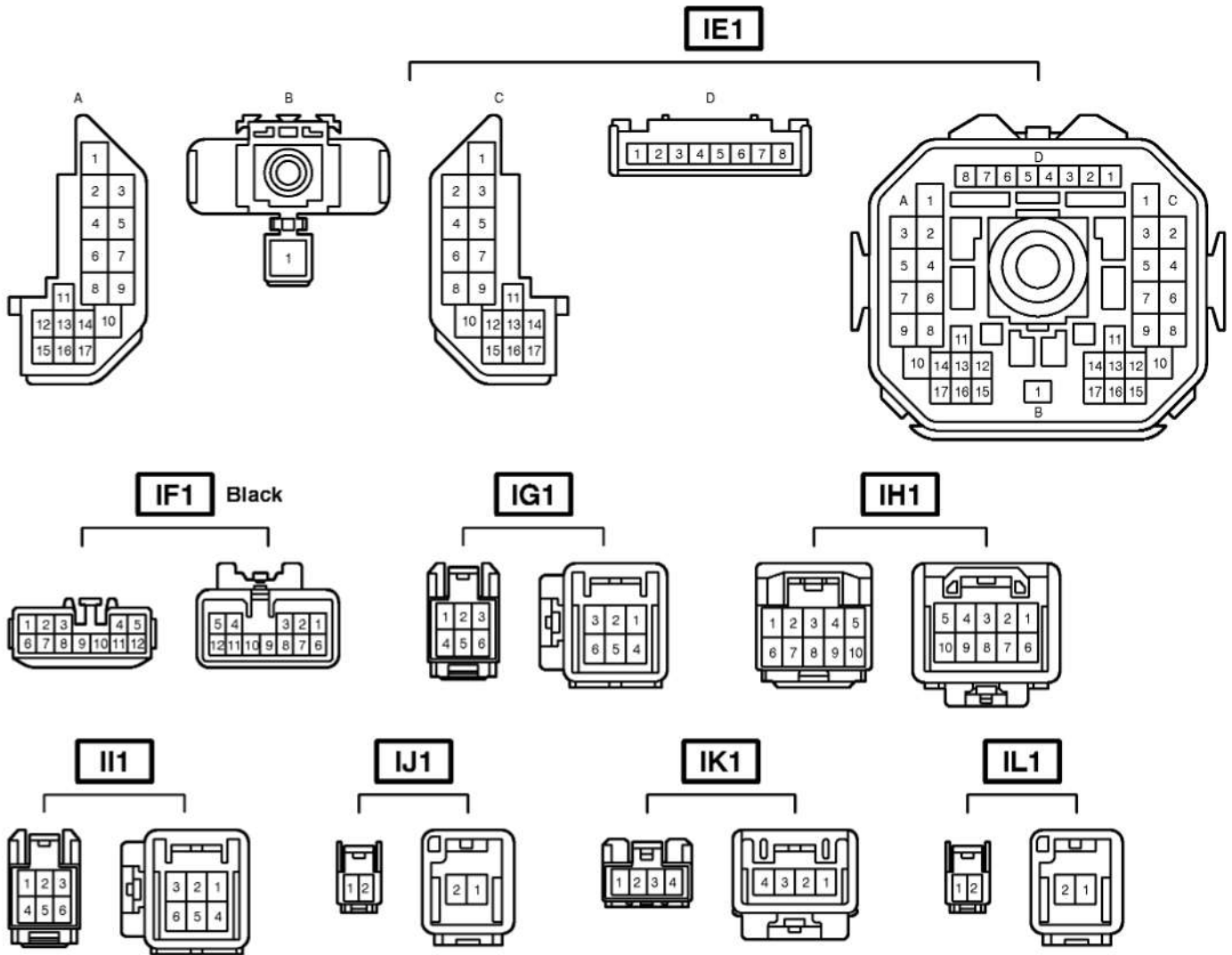
□ : Location of Connector Joining Wire Harness and Wire Harness



○ : Location of Splice Points



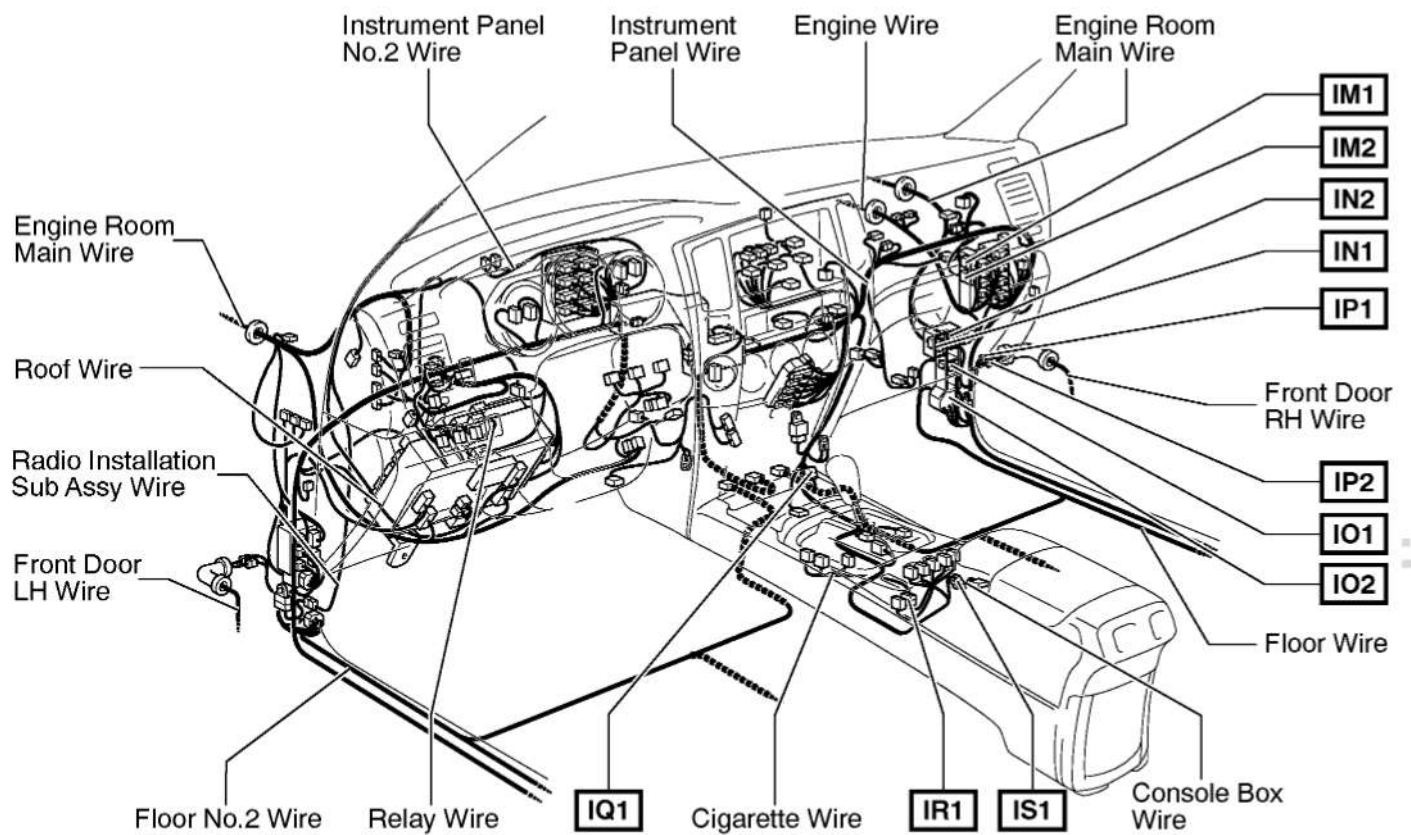
Connector Joining Wire Harness and Wire Harness



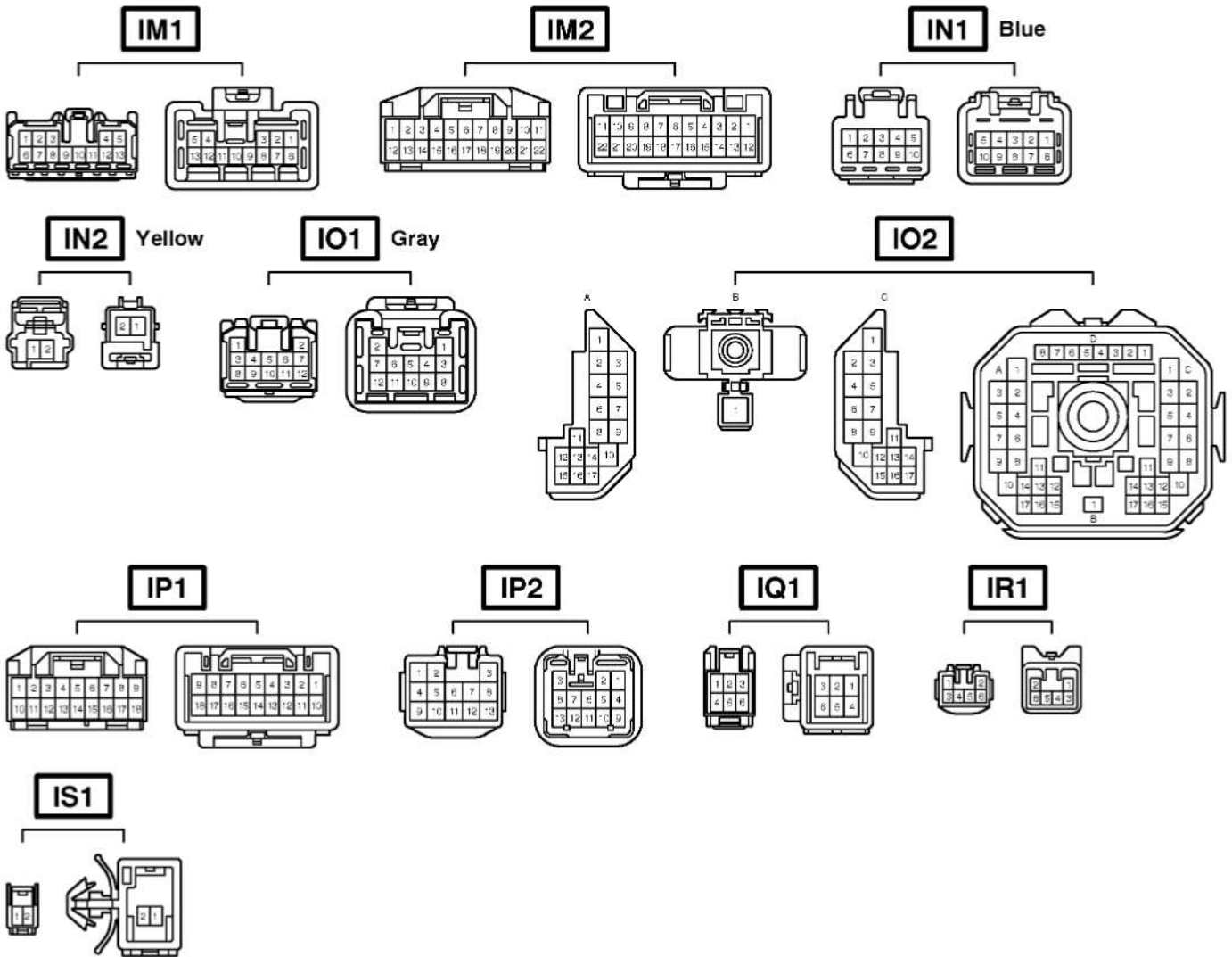
Code	Joining Wire Harness and Wire Harness (Connector Location)
IE1	Instrument Panel Wire and Floor No.2 Wire (Left Kick Panel)
IF1	Instrument Panel Wire and Relay Wire (Behind the Instrument Panel J/B)
IG1	Instrument Panel No.2 Wire and Instrument Panel Wire (Behind the Combination Meter)
IH1	Instrument Panel Wire and Instrument Panel Wire (Behind the Combination Meter)
II1	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Brace LH)
IJ1	Instrument Panel Wire and Instrument Panel Wire (Instrument Panel Brace RH)
IK1	Instrument Panel Wire and Instrument Panel Wire (Left Upper Side of the Glove Box)
IL1	Instrument Panel Wire and Instrument Panel Wire (Right Upper Side of the Glove Box)

G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness



Connector Joining Wire Harness and Wire Harness

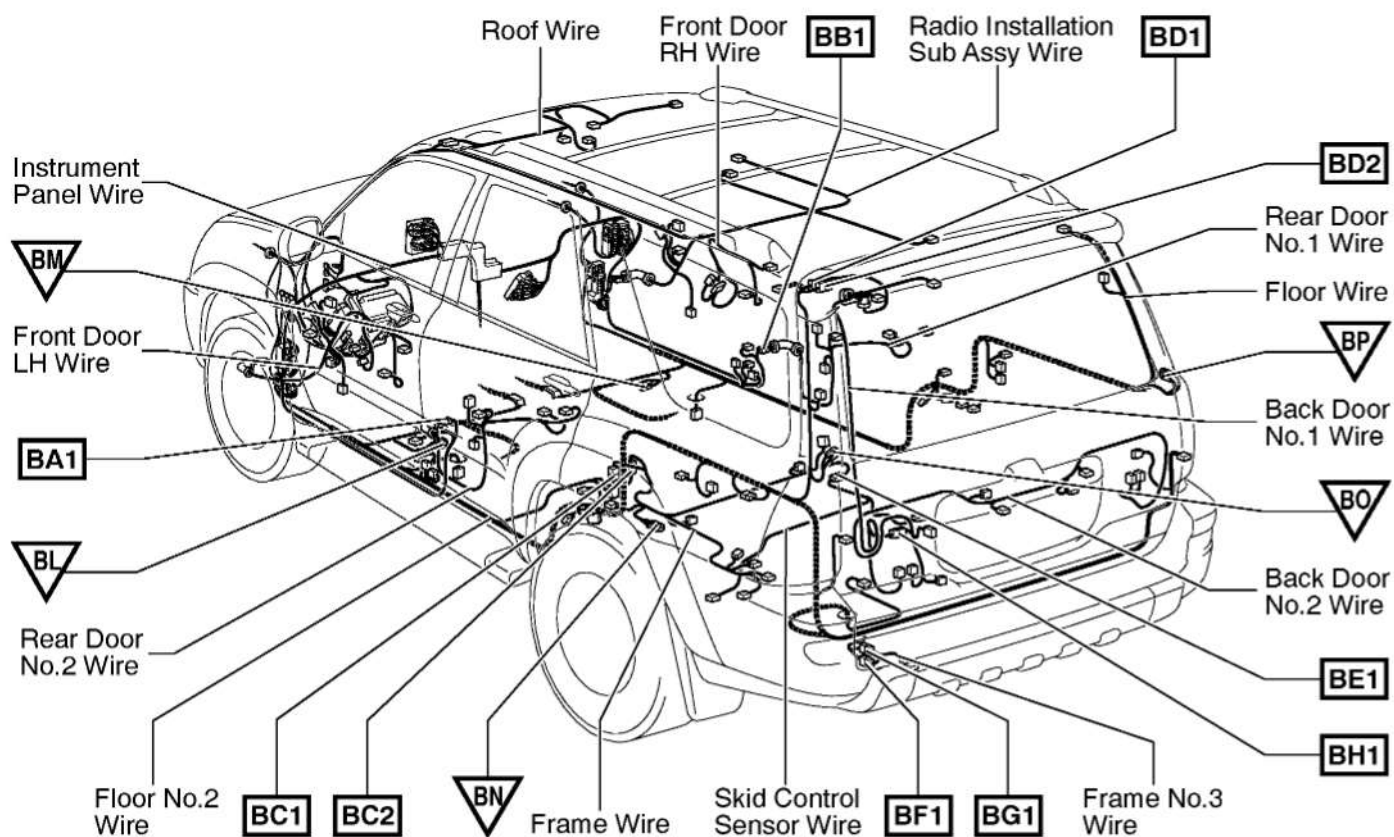


Code	Joining Wire Harness and Wire Harness (Connector Location)
IM1	Engine Wire and Instrument Panel Wire (Right Side of Blower Unit)
IM2	Engine Wire and Instrument Panel Wire (Right Side of Blower Unit)
IN1	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
IN2	Instrument Panel Wire and Engine Room Main Wire (Right Kick Panel)
IO1	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IO2	Instrument Panel Wire and Floor Wire (Right Kick Panel)
IP1	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IP2	Front Door RH Wire and Instrument Panel Wire (Right Kick Panel)
IQ1	Floor Wire and Instrument Panel Wire (Instrument Panel Brace RH)
IR1	Instrument Panel Wire and Cigarette Wire (Rear Console)
IS1	Instrument Panel Wire and Console Box Wire (Rear Console)

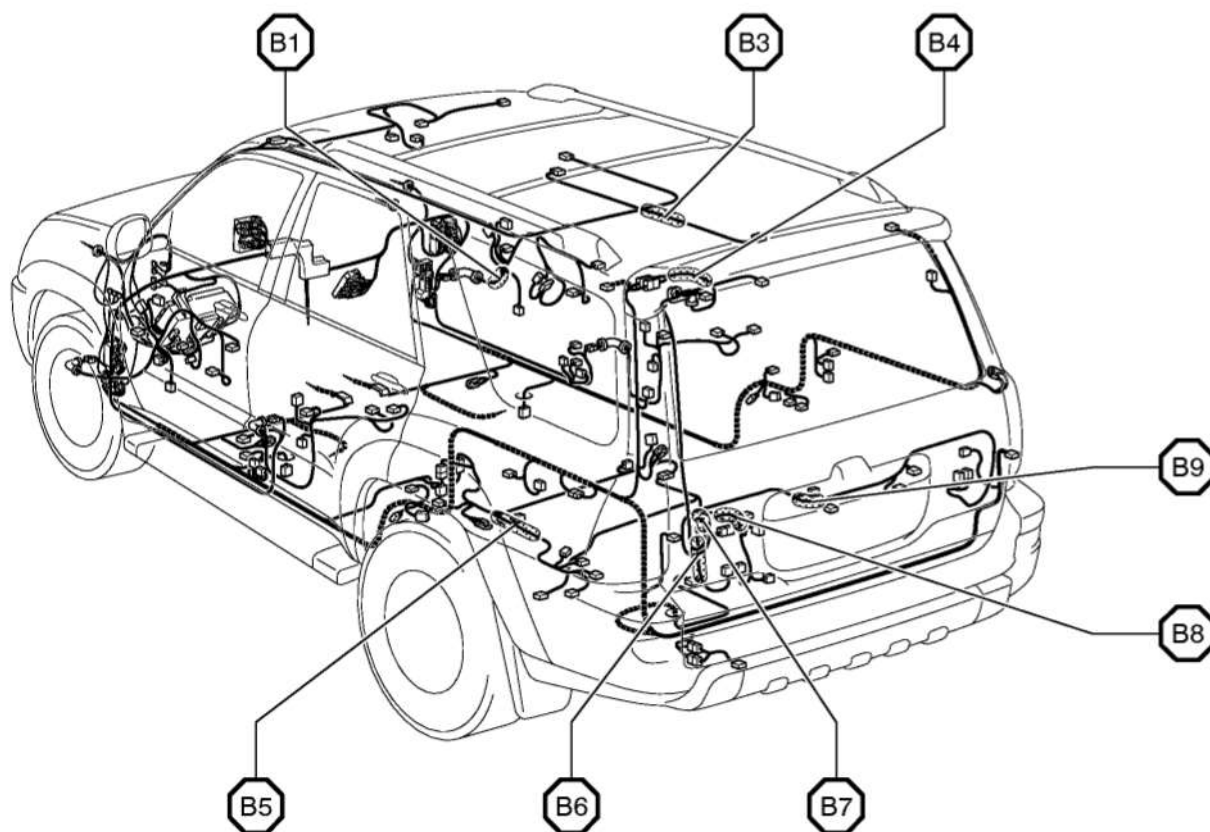
G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

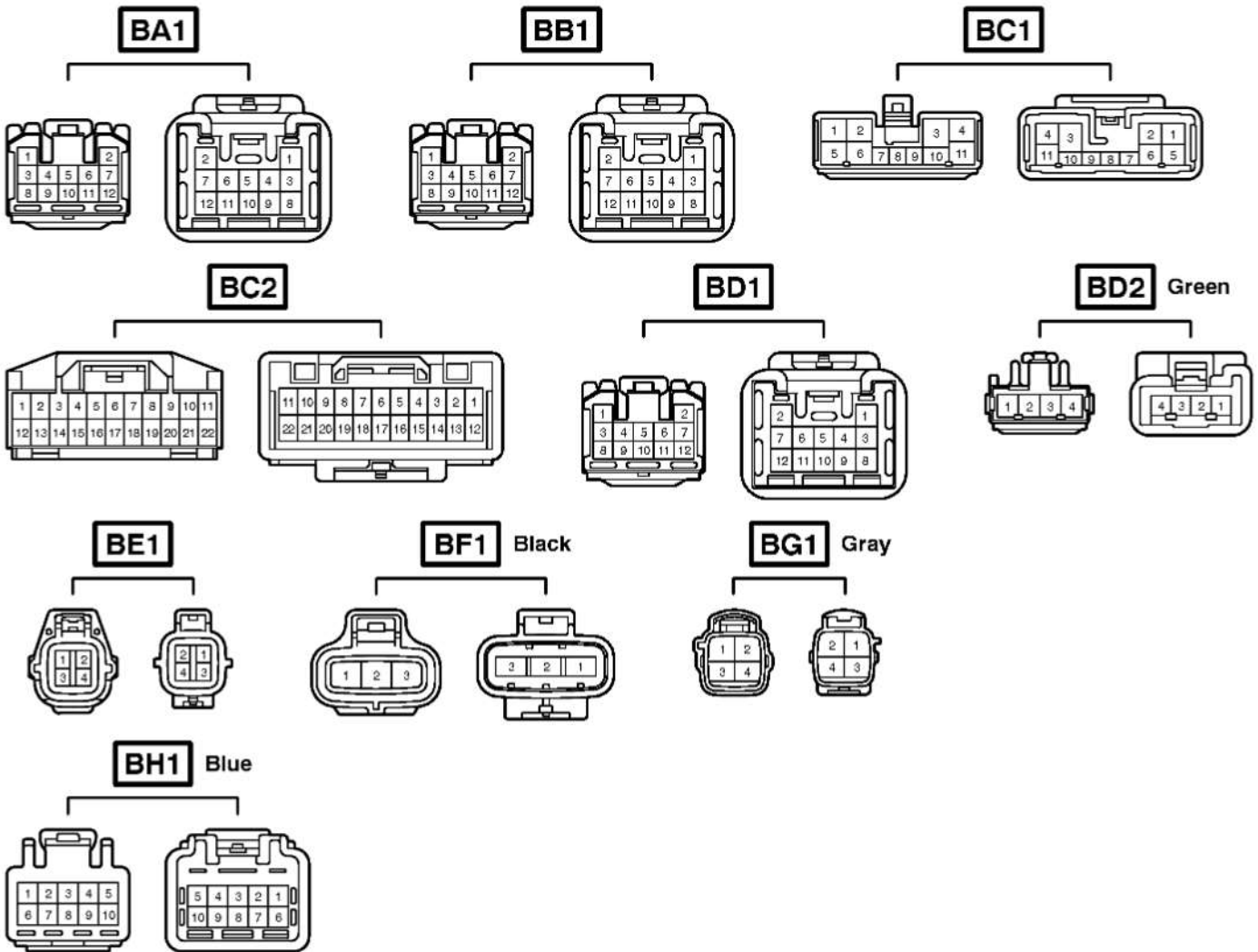
▽ : Location of Ground Points



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness

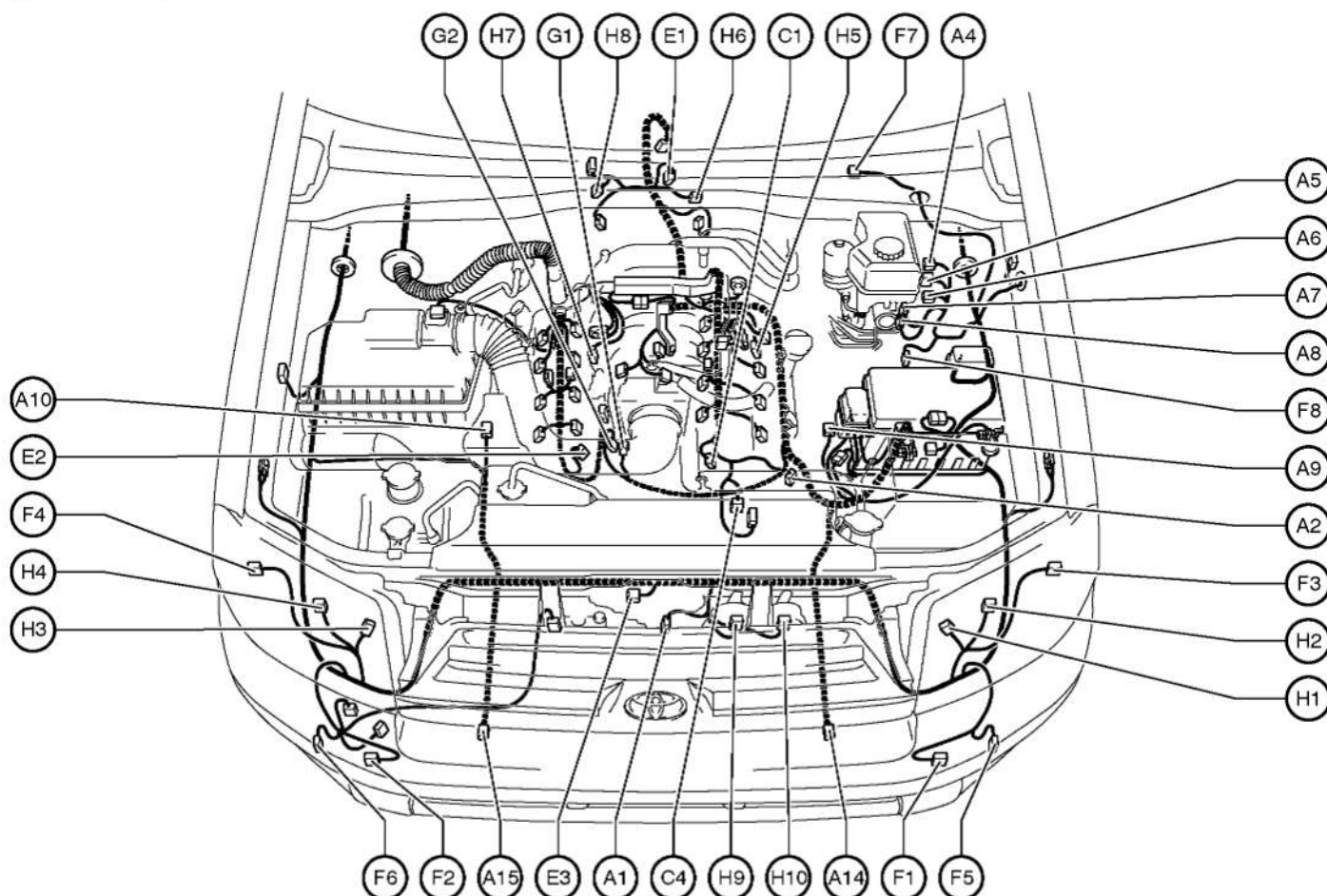


Code	Joining Wire Harness and Wire Harness (Connector Location)
BA1	Rear Door No.2 Wire and Instrument Panel Wire (Left Center Pillar)
BB1	Rear Door No.1 Wire and Instrument Panel Wire (Right Center Pillar)
BC1	Frame Wire and Floor No.2 Wire (Under the Rear LH Seat)
BC2	Frame Wire and Floor No.2 Wire (Under the Rear LH Seat)
BD1	Back Door No.1 Wire and Floor No.2 Wire (Left Rear Side of Roof)
BD2	Back Door No.1 Wire and Floor No.2 Wire (Left Rear Side of Roof)
BE1	Frame Wire and Skid Control Sensor Wire (Right Side of No.5 Crossmember)
BF1	Frame No.3 Wire and Floor No.2 Wire (Rear Side of Side Frame LH)
BG1	Floor No.2 Wire and Frame No.3 Wire (Rear Side of Side Frame LH)
BH1	Back Door No.1 Wire and Back Door No.2 Wire (Left Side of Back Door)

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[2UZ-FE]



A 1 A/C Ambient Temp. Sensor

A 2 A/C Lock Sensor

A/C Magnetic Clutch

A 4 ABS & BA & TRAC & VSC Actuator

A 5 ABS & BA & TRAC & VSC Actuator

A 6 ABS & BA & TRAC & VSC Actuator

A 7 ABS & BA & TRAC & VSC Actuator

A 8 ABS & BA & TRAC & VSC Actuator

A 9 ABS Speed Sensor Front LH

A10 ABS Speed Sensor Front RH

A14 Airbag Sensor Front LH

A15 Airbag Sensor Front RH

C 1 Camshaft Position Sensor

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 3 Front Parking Light LH

F 4 Front Parking Light RH

F 5 Front Turn Signal Light LH

F 6 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 5 Heated Oxygen Sensor (Bank 1 Sensor 1)

H 6 Heated Oxygen Sensor (Bank 1 Sensor 2)

H 7 Heated Oxygen Sensor (Bank 2 Sensor 1)

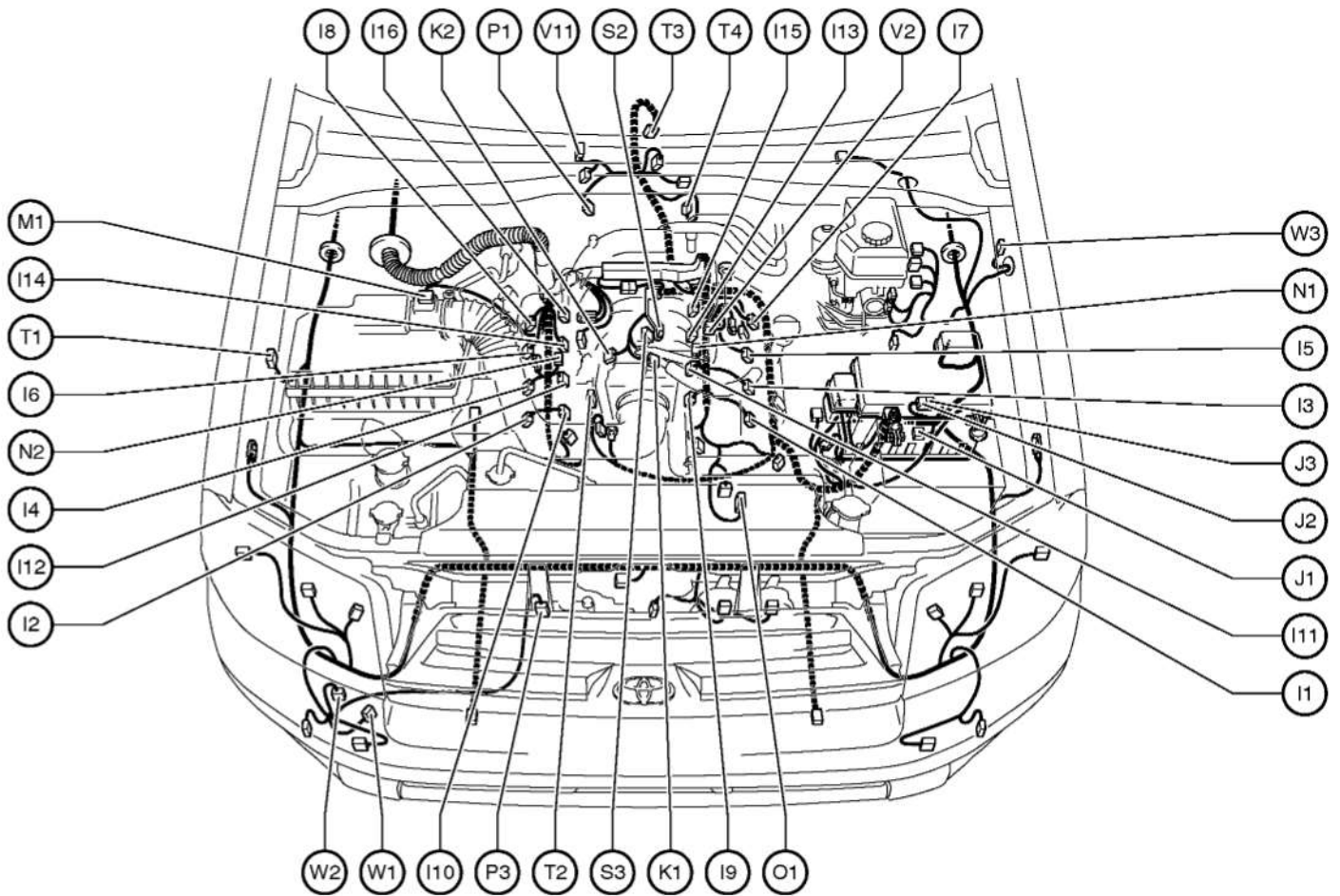
H 8 Heated Oxygen Sensor (Bank 2 Sensor 2)

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 1
- K 2 Knock Sensor 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

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

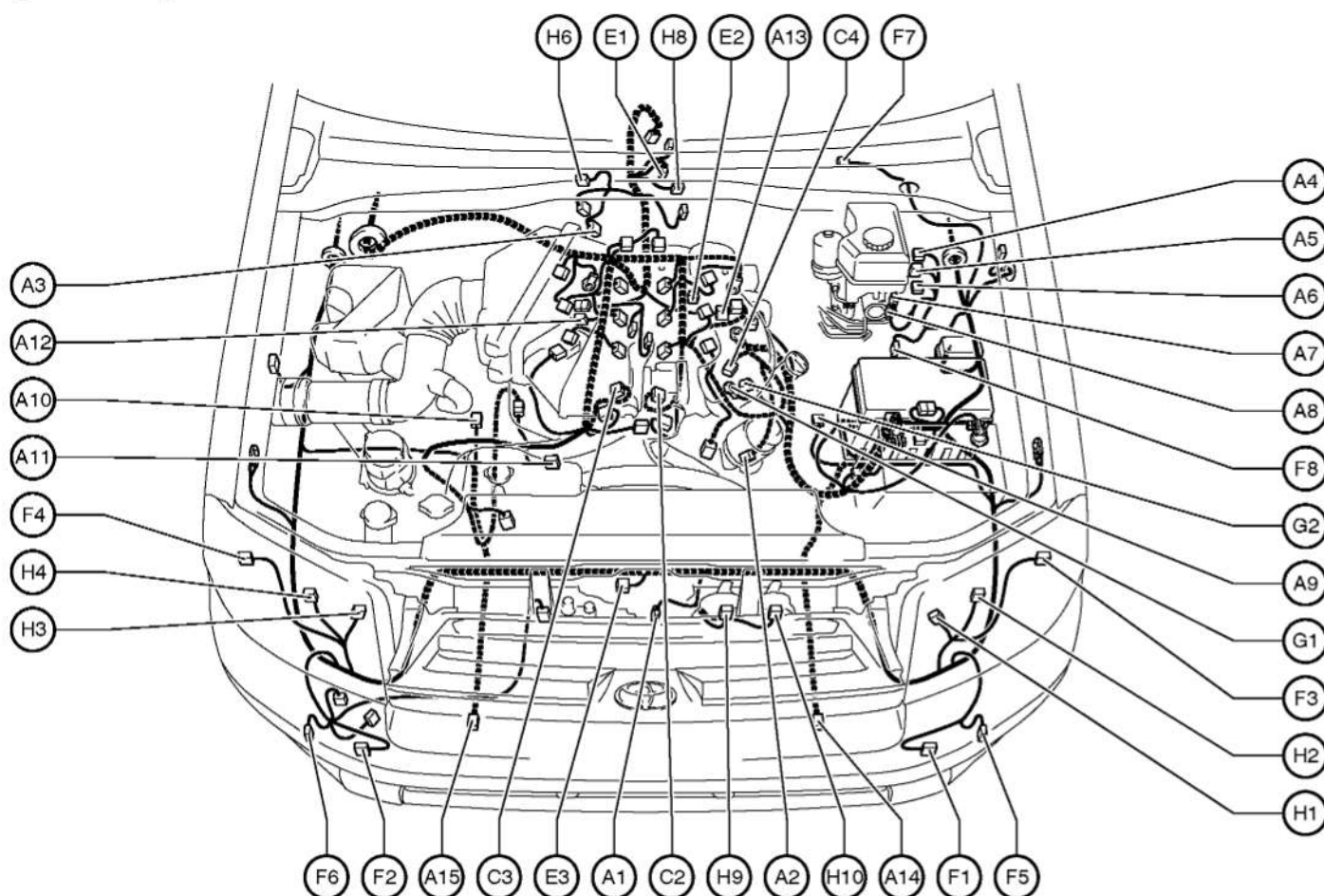
- V 2 VSV (EVAP)
- V 11 Vehicle Speed Sensor
(Electronically Controlled Transmission)

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

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[1GR-FE]



- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Lock Sensor
A/C Magnetic Clutch
- A 3 A/T Fluid Temp. Sensor
- A 4 ABS & BA & TRAC & VSC Actuator
- A 5 ABS & BA & TRAC & VSC Actuator
- A 6 ABS & BA & TRAC & VSC Actuator
- A 7 ABS & BA & TRAC & VSC Actuator
- A 8 ABS & BA & TRAC & VSC Actuator
- 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

- 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

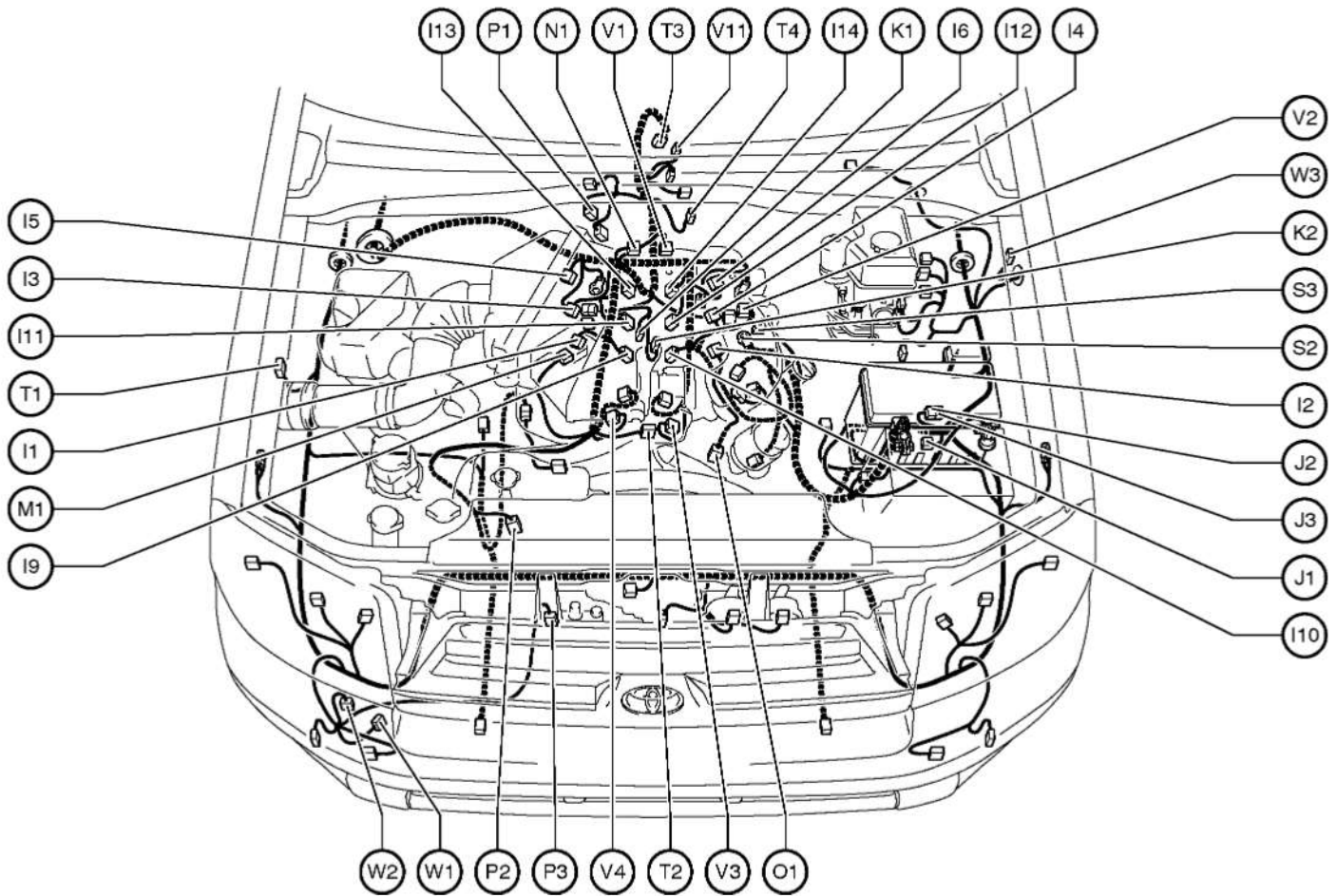
- F 1 Front Fog Light LH
- F 2 Front Fog Light RH
- F 3 Front Parking Light LH
- F 4 Front Parking Light RH
- F 5 Front Turn Signal Light LH
- F 6 Front Turn Signal Light RH
- F 7 Front Wiper Motor
- F 8 Fuel Pump Resistor

- 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 1
- K 2 Knock Sensor 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

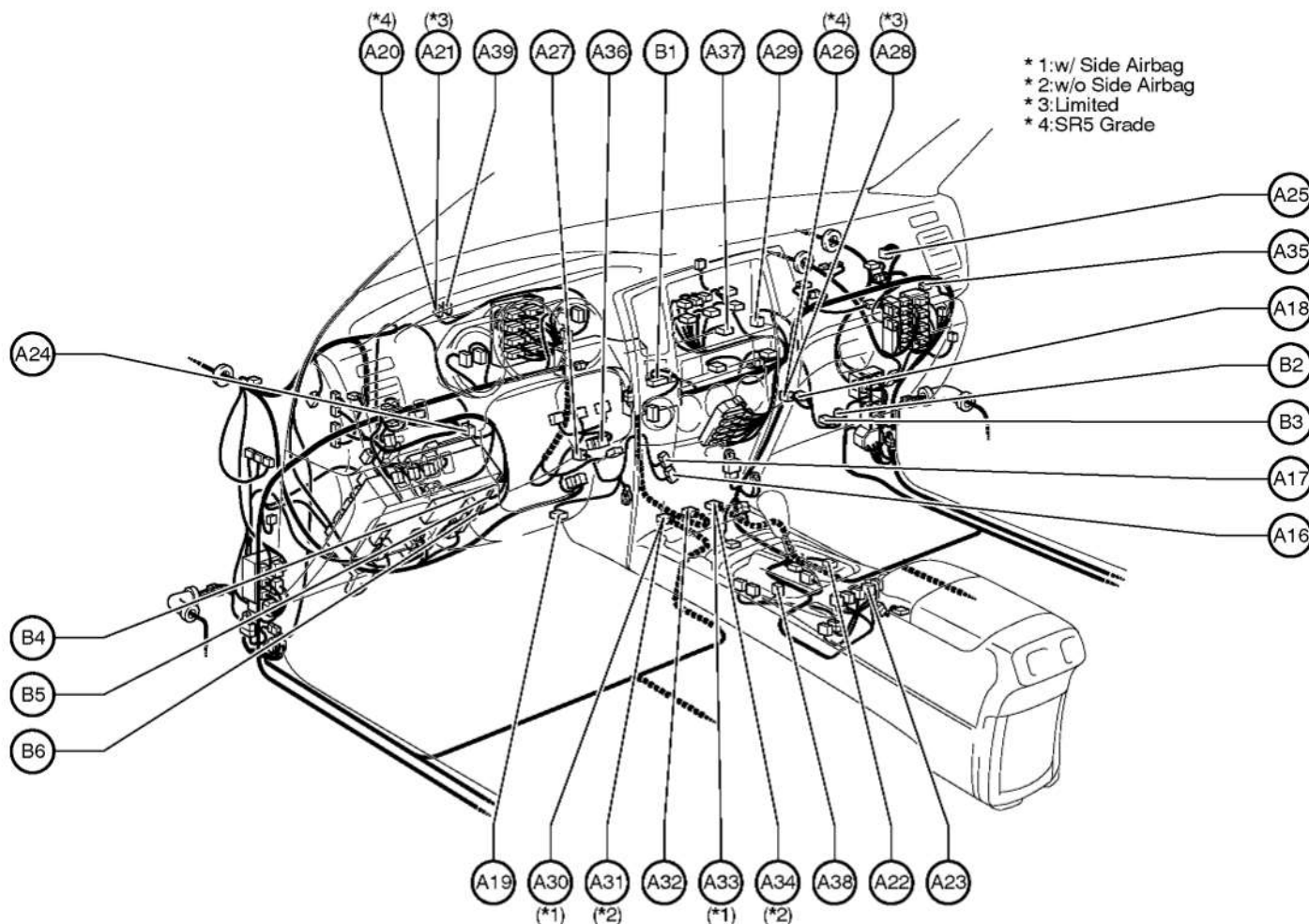
- T 1 Theft Deterrent Horn
- T 2 Throttle Control Motor
Throttle Position Sensor
- T 3 Transfer Shift Actuator
- T 4 Turbine Speed Sensor

- V 1 VSV (ACIS)
- V 2 VSV (EVAP)
- V 3 VVT Sensor LH
- V 4 VVT Sensor RH
- V 11 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

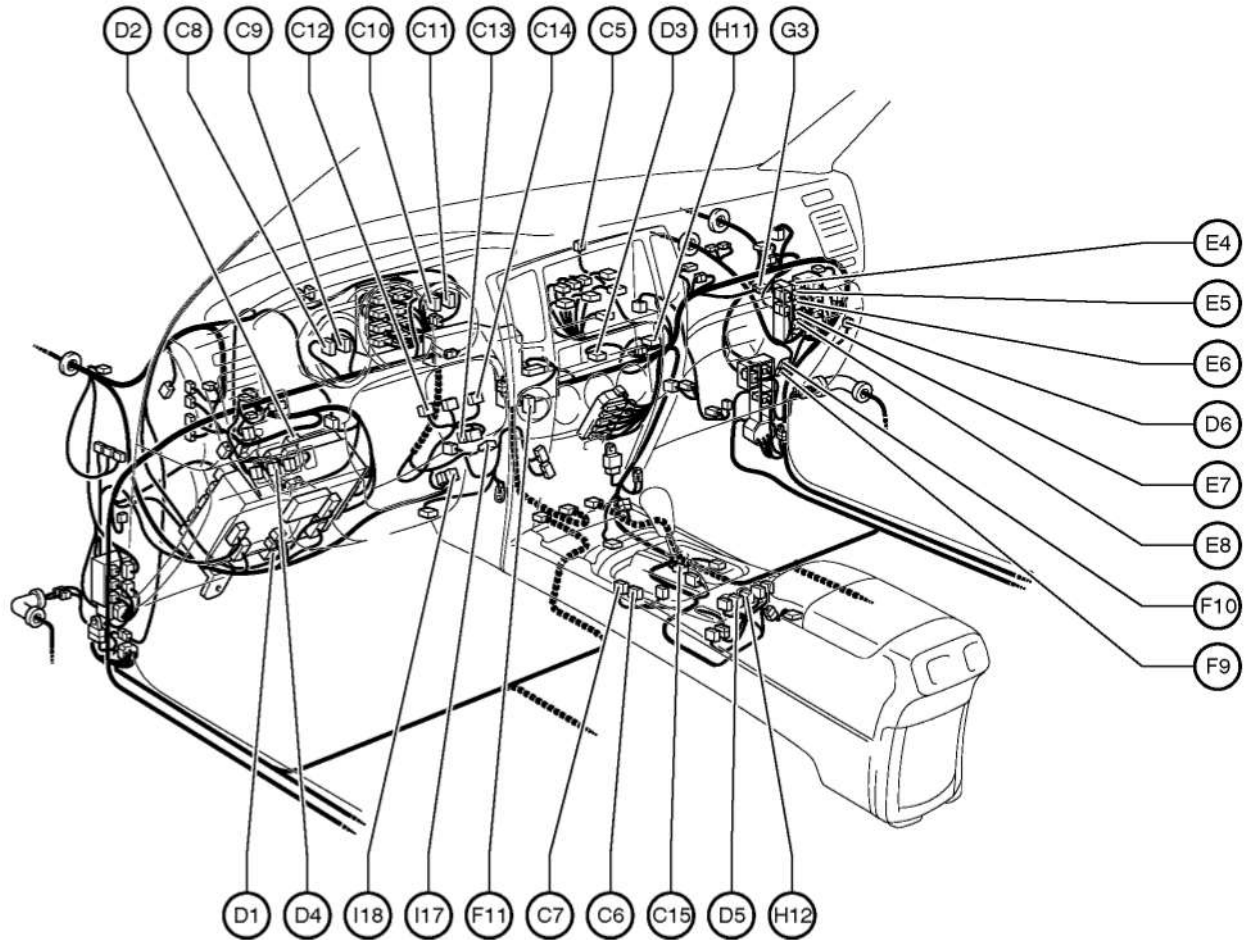
Position of Parts in Instrument Panel



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
 A23 Absorber Control SW
 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
 A35 Airbag Squib (Front Passenger Airbag Assembly)
 A36 Airbag Squib (Steering Wheel Pad)
 A37 Antenna Amplifier
 A38 Ashtray Illumination
 A39 Automatic Light Control Sensor

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
 D 6 DVD Automatic Changer

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

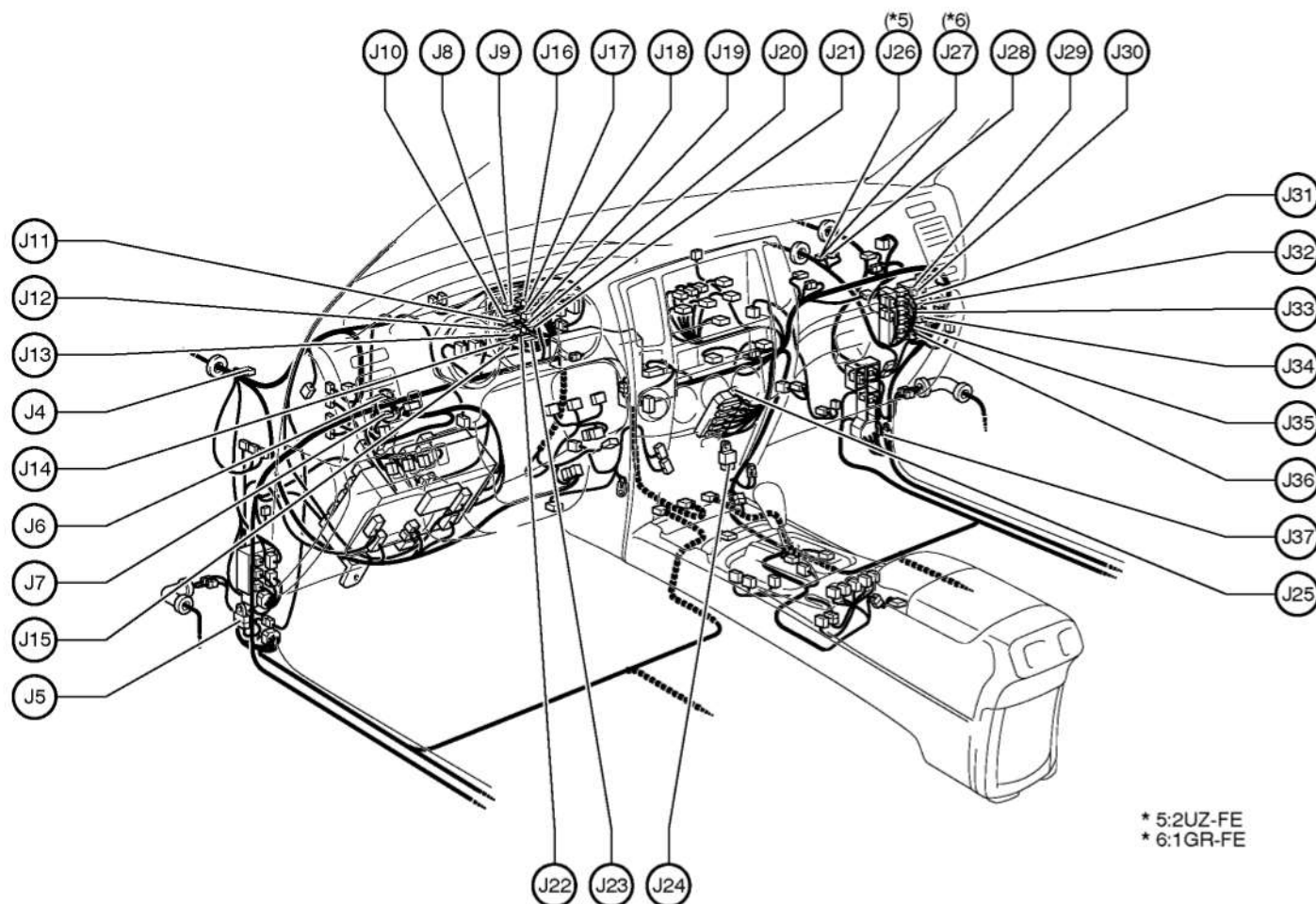
G 3 Glove Box Light

H11 Hazard SW
 H12 Height Control SW

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

G ELECTRICAL WIRING ROUTING

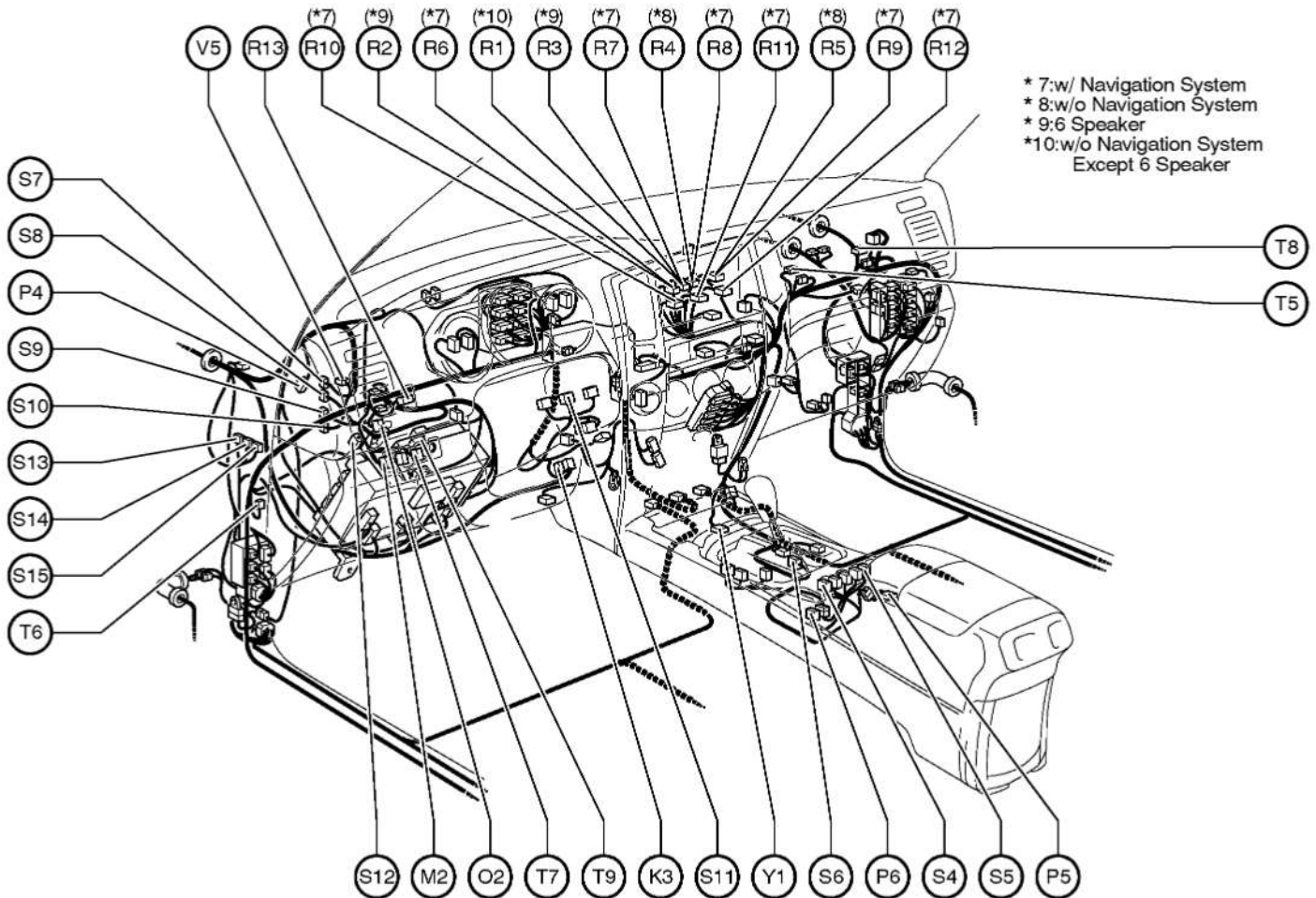
Position of Parts in Instrument Panel



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

Position of Parts in Instrument Panel



K 3 Key Interlock Solenoid
Unlock Warning SW

M 2 Main SW

O 2 ODO/Trip SW
Turn Signal Indicator Light

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 6 Radio and Player with Display
R 7 Radio and Player with Display
R 8 Radio and Player with Display
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

S 4 Seat Heater SW LH
S 5 Seat Heater SW RH
S 6 Shift Lock Control ECU
Transmission Control SW
S 7 Skid Control ECU
S 8 Skid Control ECU
S 9 Skid Control ECU
S10 Skid Control ECU
S11 Steering Sensor
S12 Stop Light SW
S13 Suspension Control ECU
S14 Suspension Control ECU
S15 Suspension Control ECU

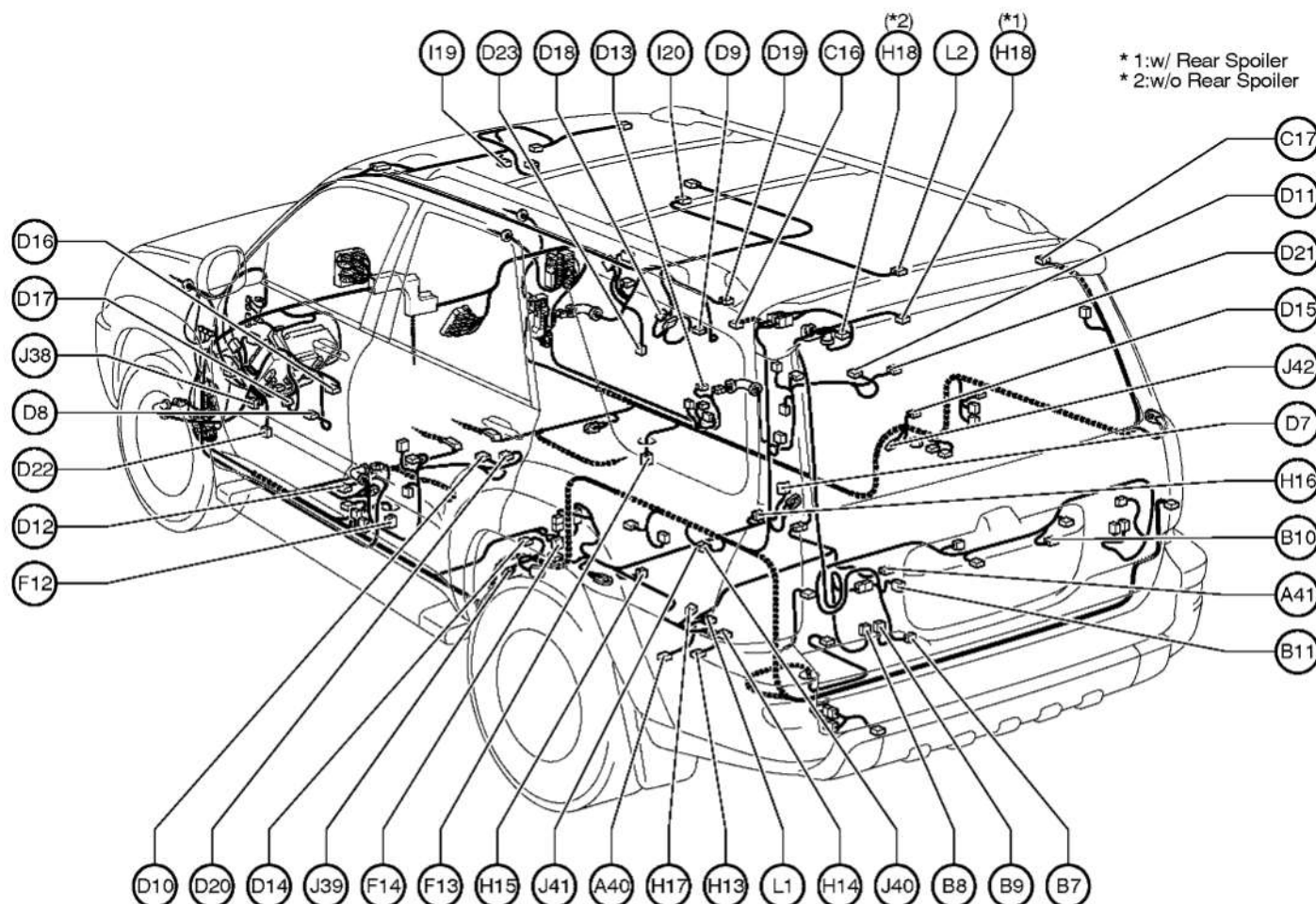
T 5 Theft Deterrent ECU
T 6 Towing Brake Controller
T 7 TRAC Off SW
T 8 Transponder Key Computer
T 9 Turn Signal Flasher Relay

V 5 VSC Warning Buzzer

Y 1 Yaw Rate Sensor

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
D23 Door Speaker Front RH

F12 Foot Light LH
F13 Foot Light RH
F14 Fuel Pump
Fuel Sender

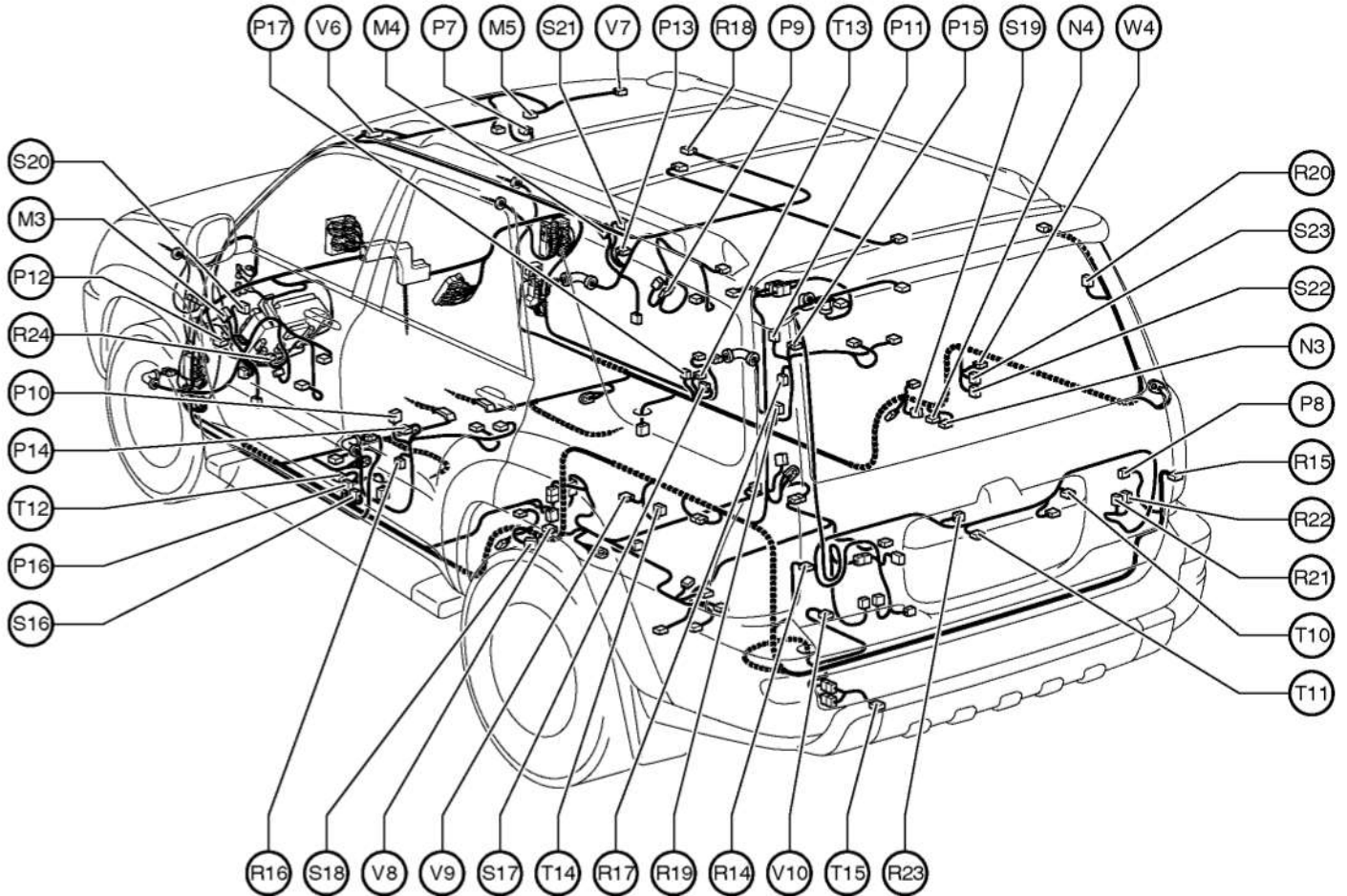
H13 Height Control Compressor
H14 Height Control Motor
H15 Height Control Sensor Rear LH
H16 Height Control Sensor Rear RH
H17 Height Control Valve
H18 High Mounted Stop Light

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

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

N 3 Navigation ECU
N 4 Navigation 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 Squawker LH
S21 Squawker RH
S22 Stereo Component Amplifier
S23 Stereo Component Amplifier

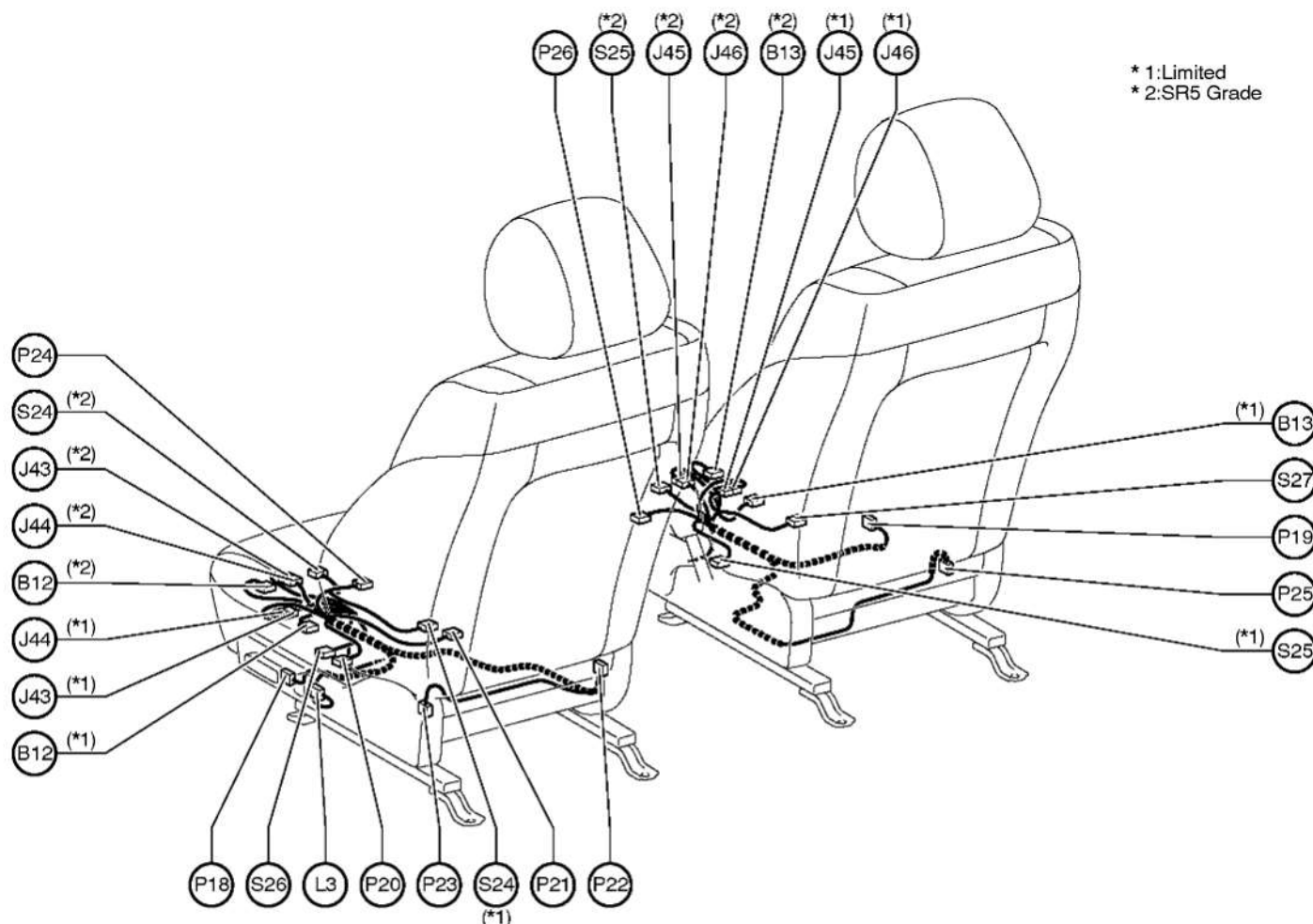
T10 Tailgate Control SW
T11 Television Camera
T12 Tension Reducer Solenoid LH
T13 Tension Reducer Solenoid RH
T14 Towing Converter Relay
T15 Trailer Socket

V 6 Vanity Light LH
V 7 Vanity Light RH
V 8 Vapor Pressure Sensor
V 9 Voltage Inverter
V10 VSV (Canister Closed Valve)

W 4 Woofer

G ELECTRICAL WIRING ROUTING

Position of Parts in Seat



- B 12 Buckle SW LH
Seat Position Airbag Sensor
- B 13 Buckle SW RH
Occupant Detection Sensor

- S 24 Seat Heater LH
- S 25 Seat Heater RH
- S 26 Side Airbag Squib LH
- S 27 Side Airbag Squib 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)

- P 18 Power Seat Control SW (Driver's Seat)
- P 19 Power Seat Control SW (Front Passenger's Seat)
- P 20 Power Seat Motor (Driver's Seat Front Vertical Control)
- P 21 Power Seat Motor (Driver's Seat Lifter Control)
- P 22 Power Seat Motor
(Driver's Seat Lumbar Support Control)
- 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 Reclining Control)
- P 26 Power Seat Motor
(Front Passenger's Seat Slide Control)

