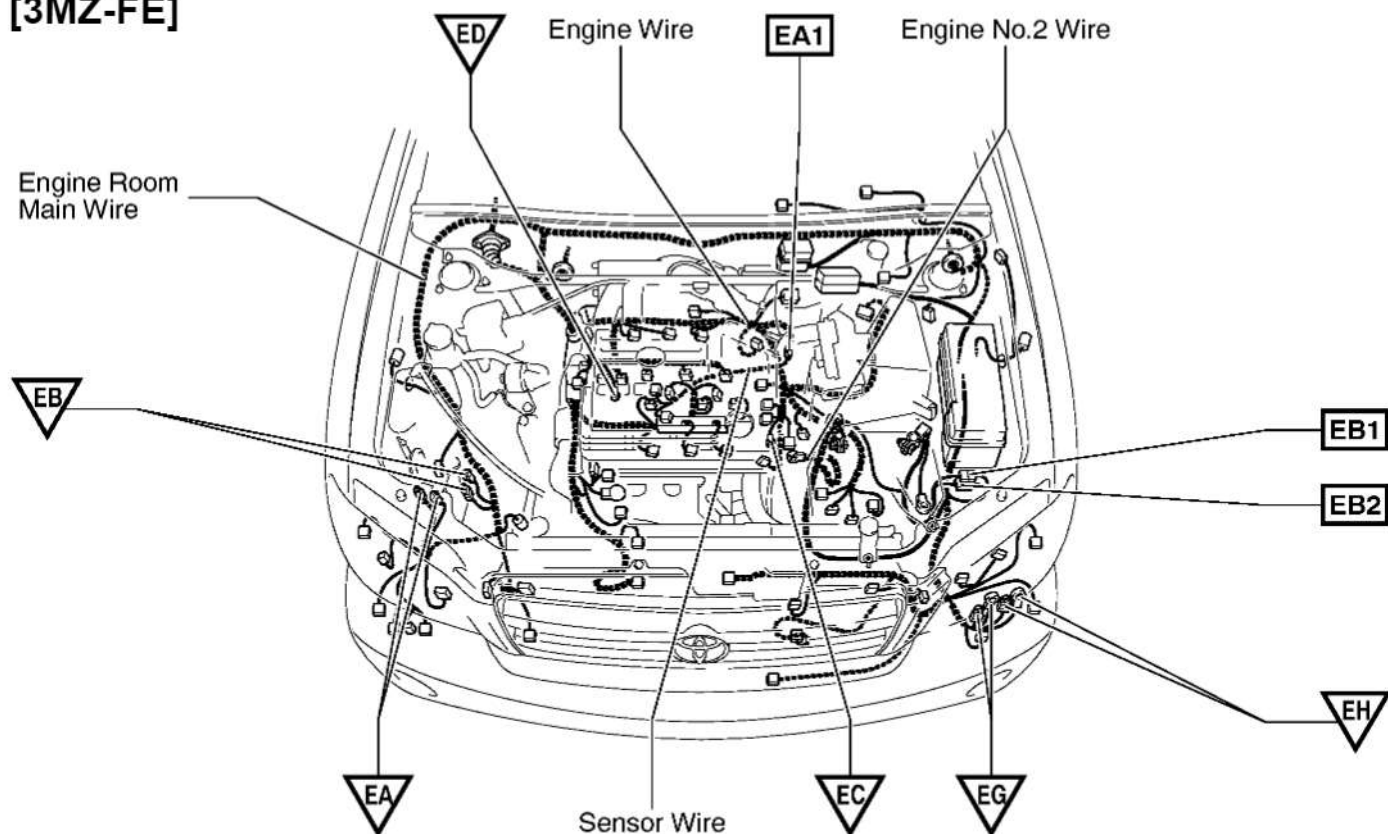


G ELECTRICAL WIRING ROUTING

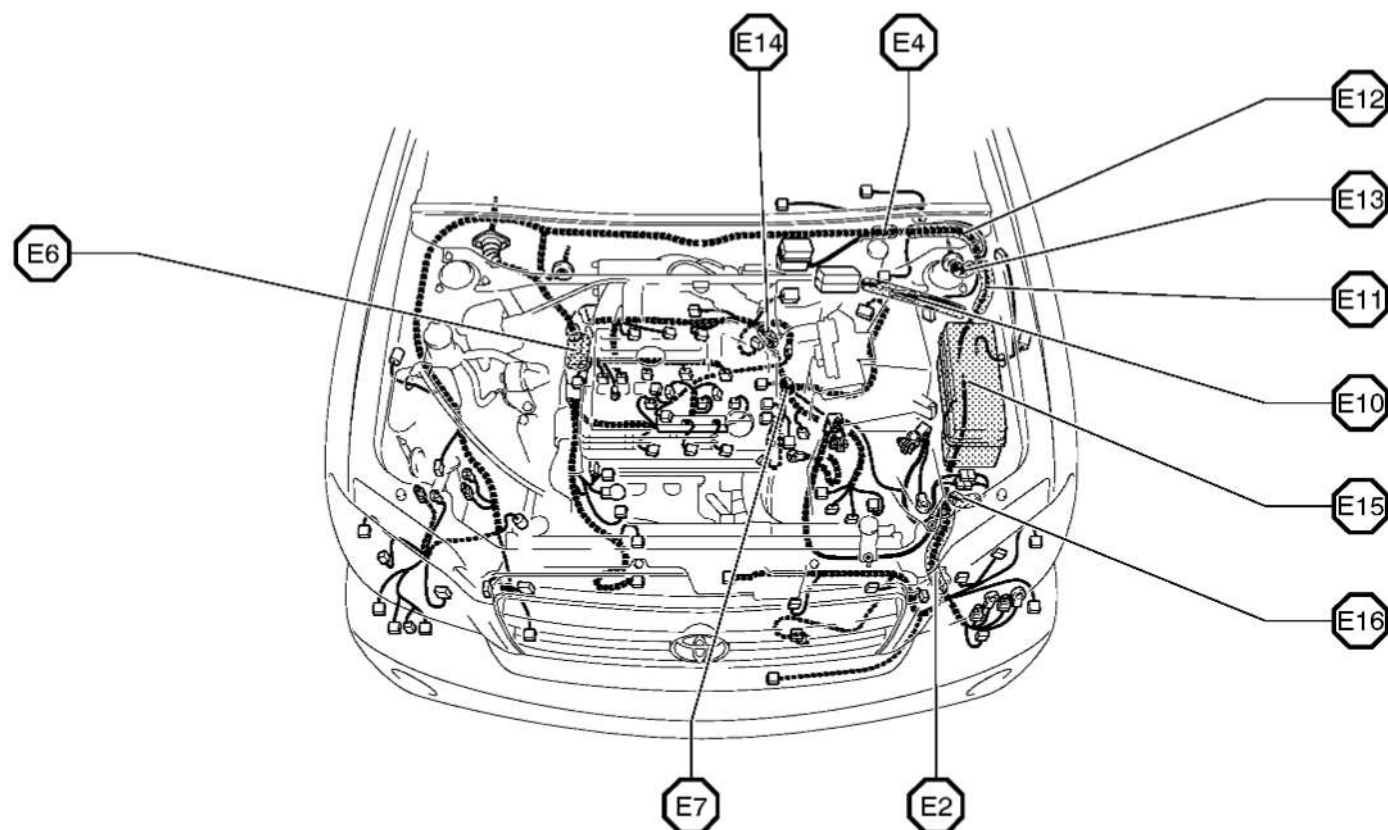
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

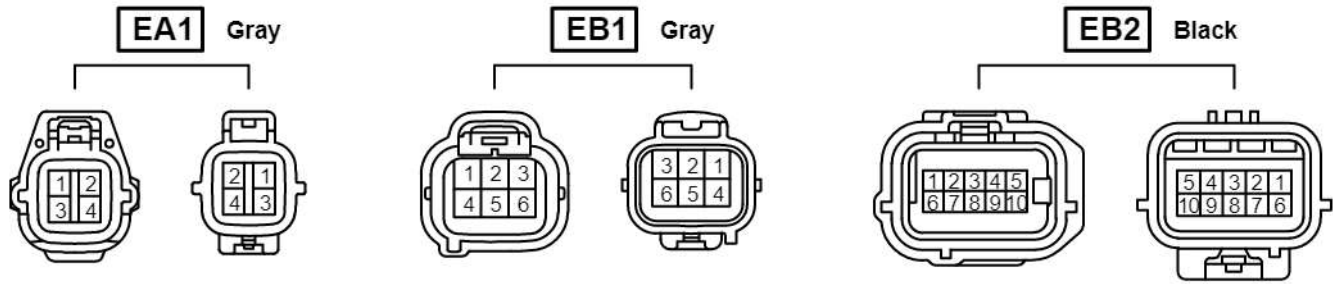
[3MZ-FE]



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness



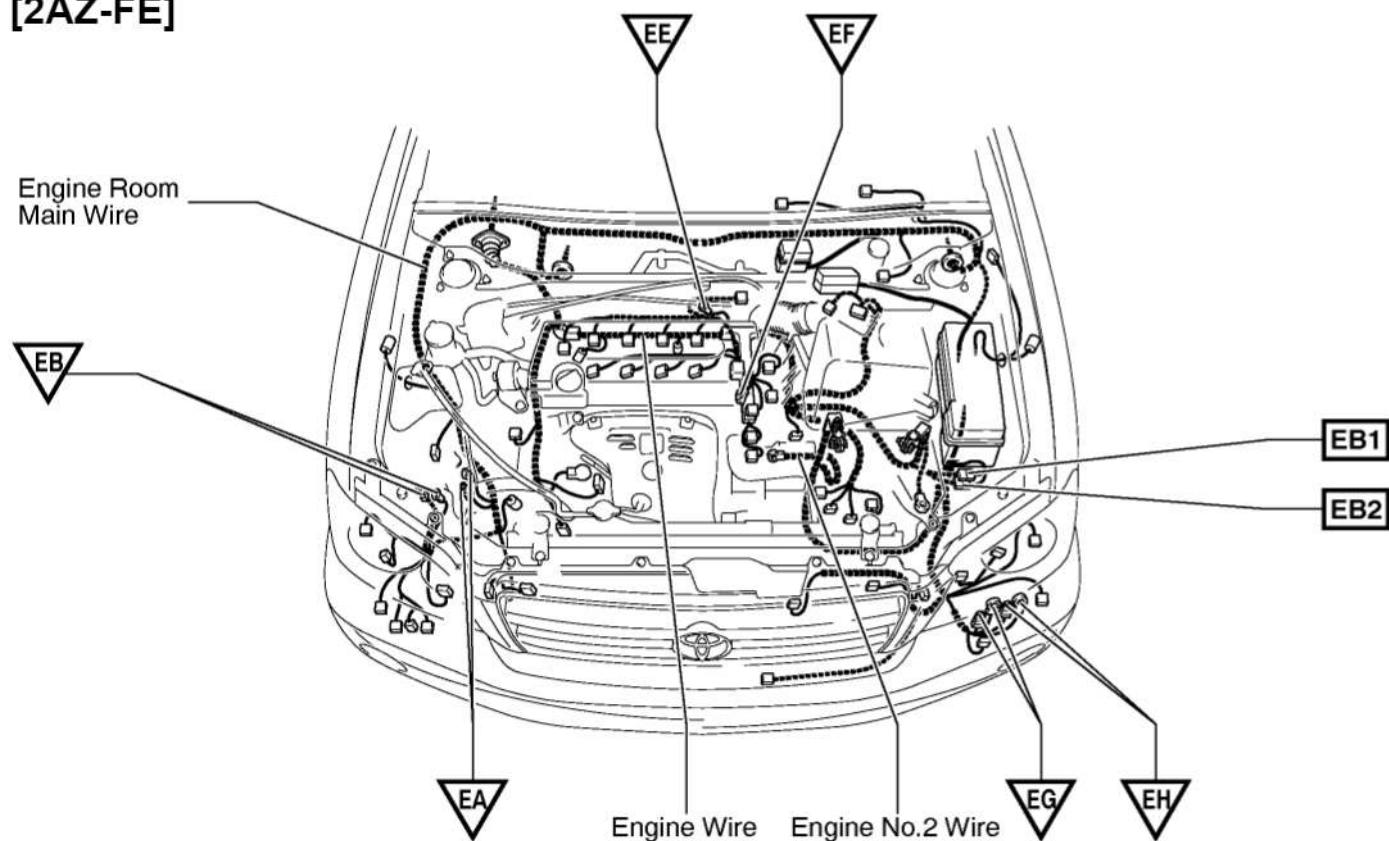
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine Wire and Sensor Wire (Right Side of Cylinder Head)
EB1	Engine Wire and Engine Room Main Wire (Front Side of Engine Room R/B)
EB2	Engine Wire and Engine Room Main Wire (Front Side of Engine Room R/B)

G ELECTRICAL WIRING ROUTING

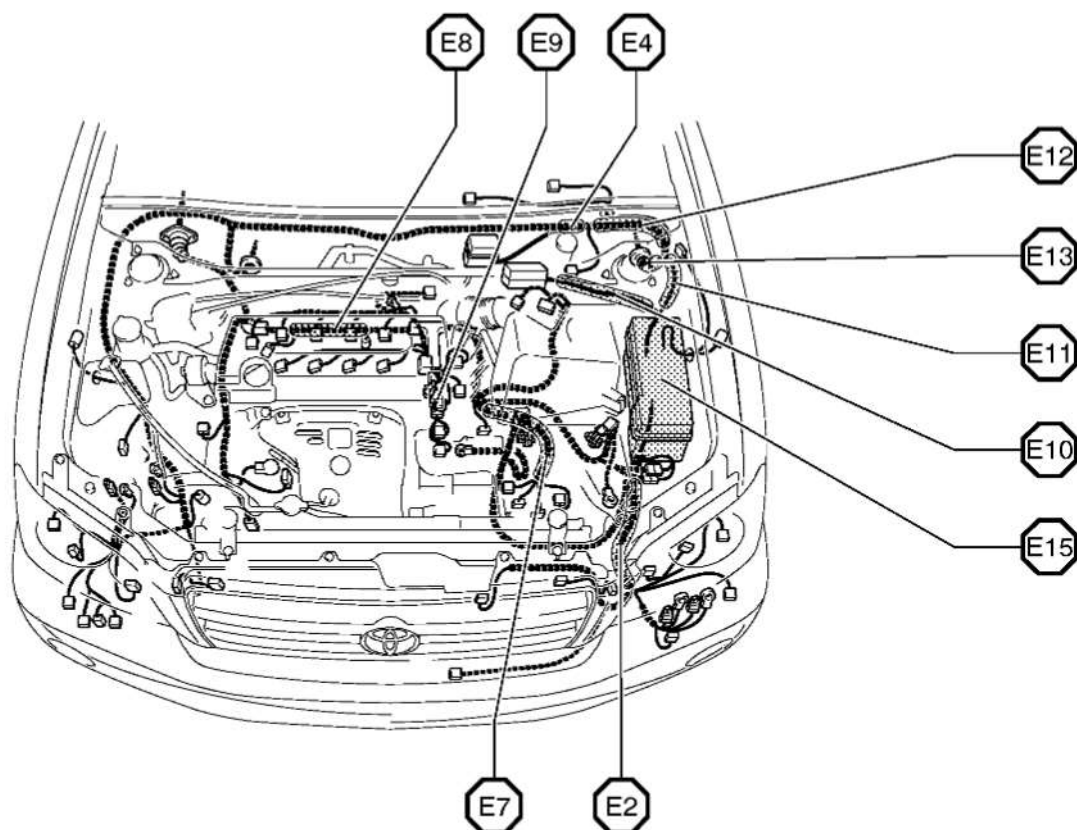
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

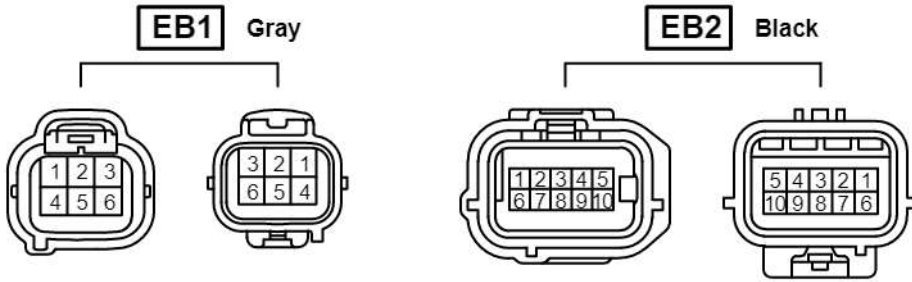
[2AZ-FE]



○ : Location of Splice Points



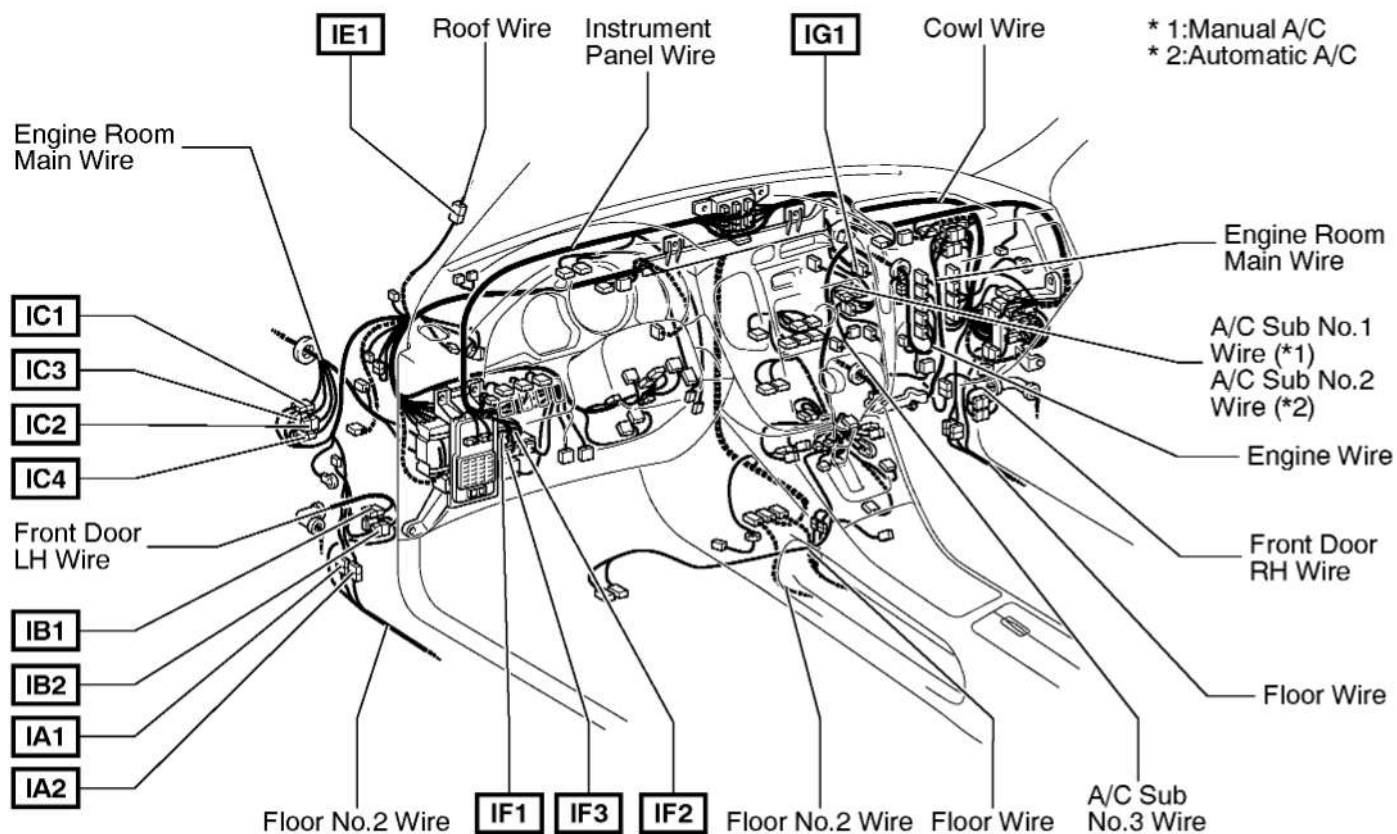
Connector Joining Wire Harness and Wire Harness



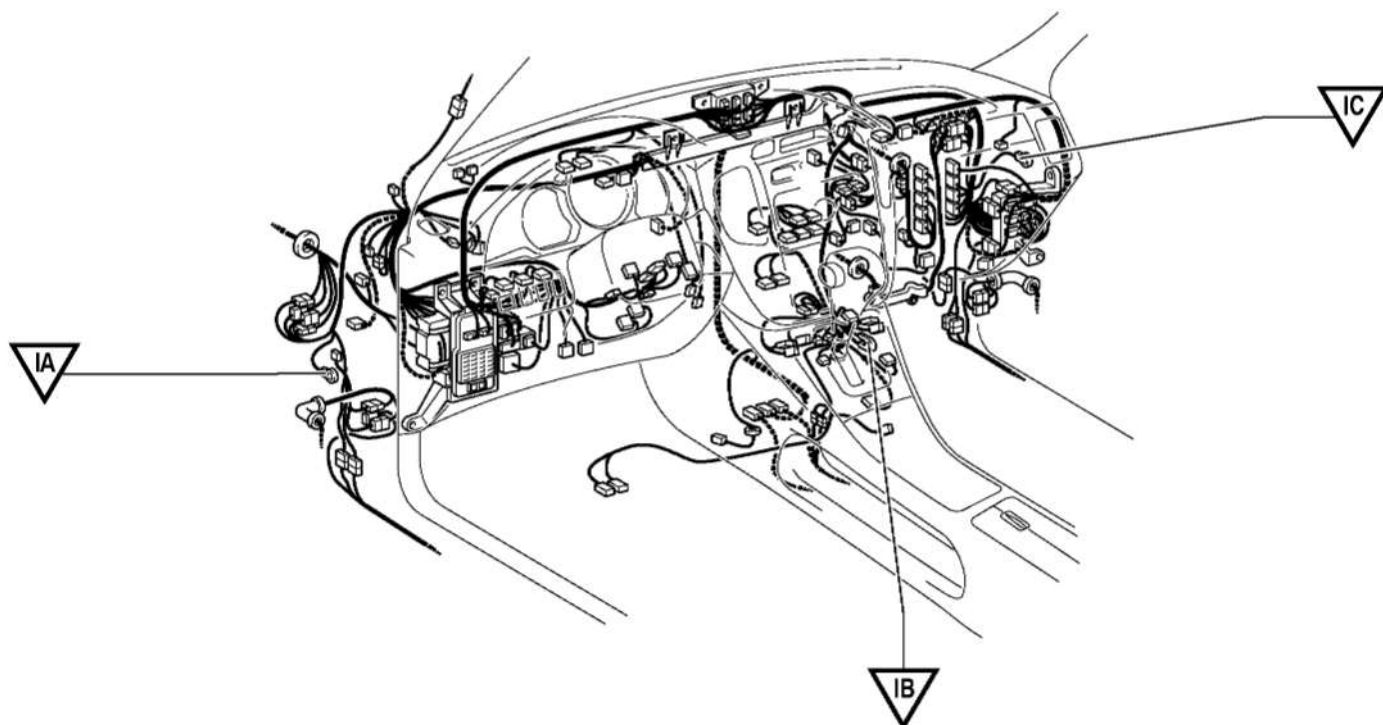
Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Engine Wire and Engine Room Main Wire (Front Side of Engine Room R/B)
EB2	

G ELECTRICAL WIRING ROUTING

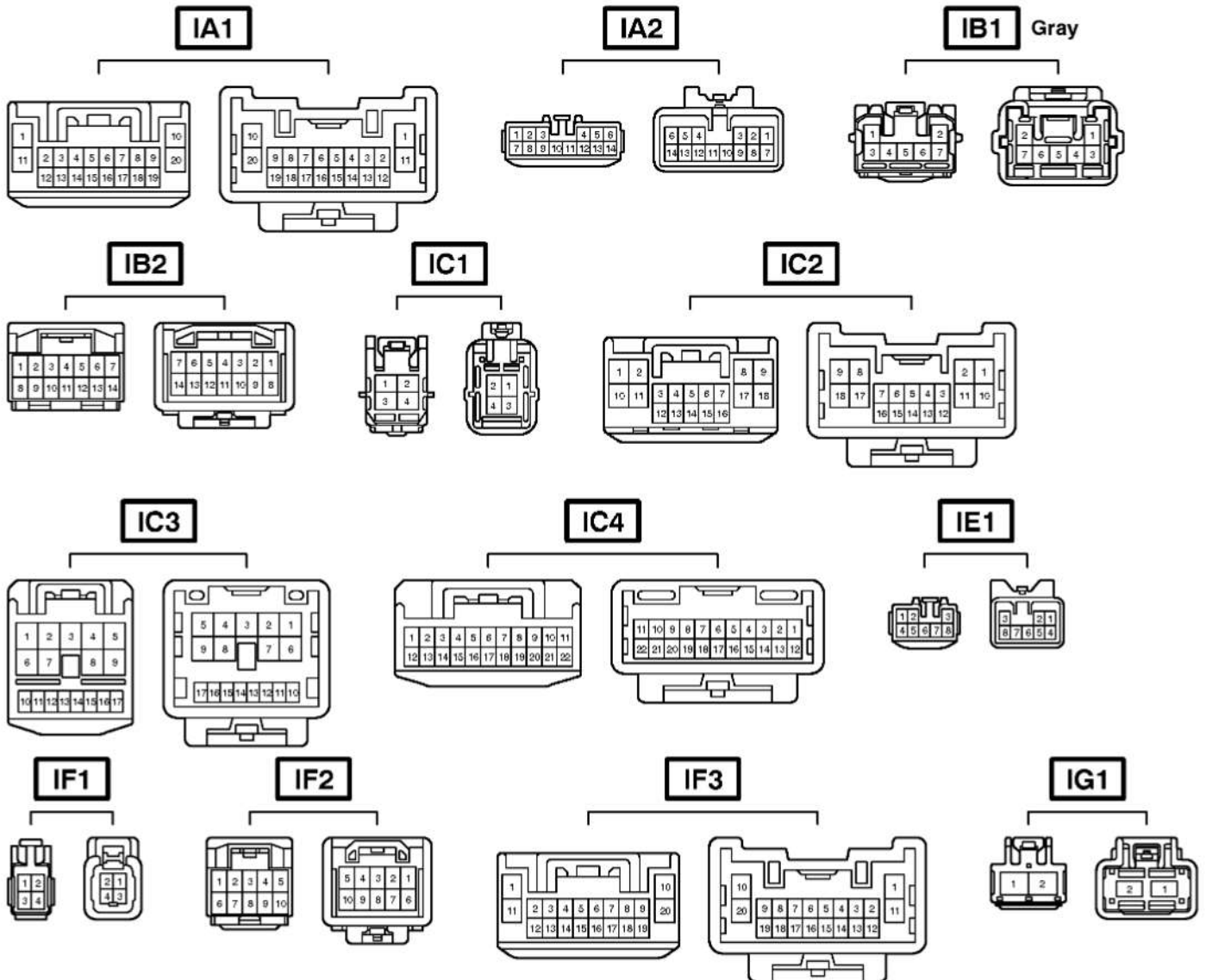
□ : Location of Connector Joining Wire Harness and Wire Harness



▽ : Location of Ground Points



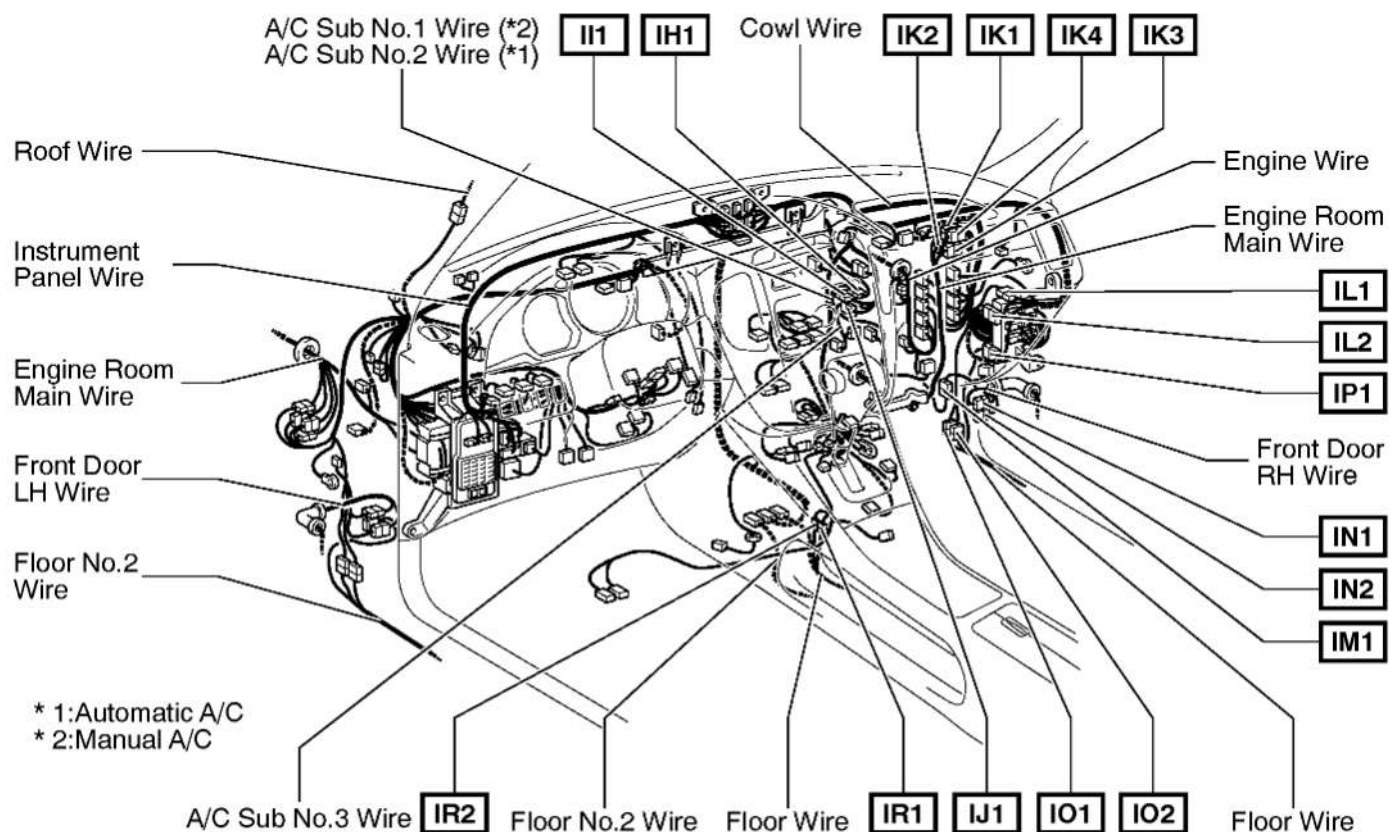
Connector Joining Wire Harness and Wire Harness



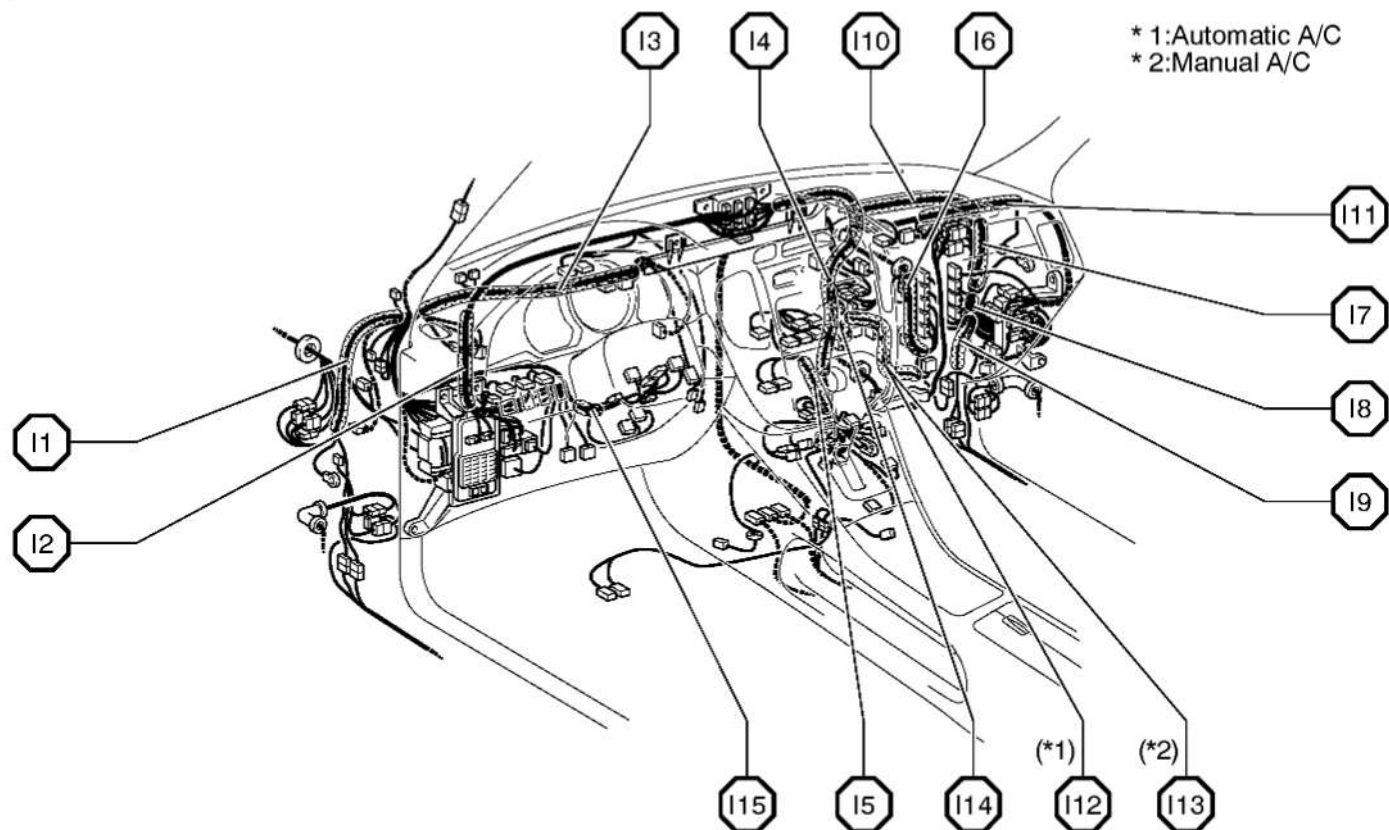
Code	Joining Wire Harness and Wire Harness (Connector Location)
IA1	Cowl Wire and Floor No.2 Wire (Left Kick Panel)
IA2	
IB1	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IB2	
IC1	
IC2	Engine Room Main Wire and Cowl Wire (Left Cowl Side Panel)
IC3	
IC4	
IE1	Roof Wire and Cowl Wire (Near the Bottom of Left Front Pillar)
IF1	
IF2	Instrument Panel Wire and Cowl Wire (Right Side of Instrument Panel J/B)
IF3	
IG1	Instrument Panel Wire and Cowl Wire (Upper Portion of Right Instrument Panel Brace)

G ELECTRICAL WIRING ROUTING

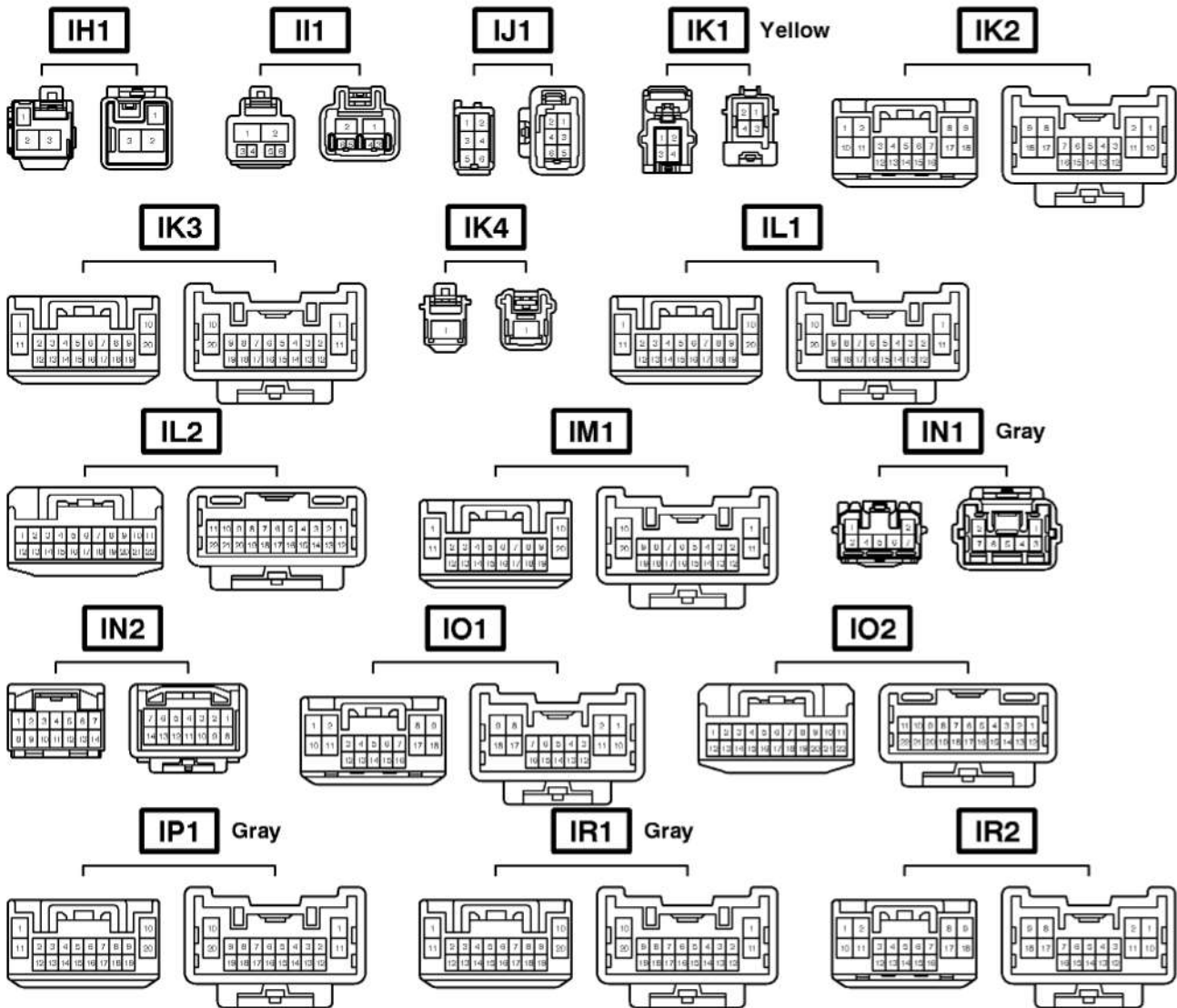
□ : Location of Connector Joining Wire Harness and Wire Harness



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness

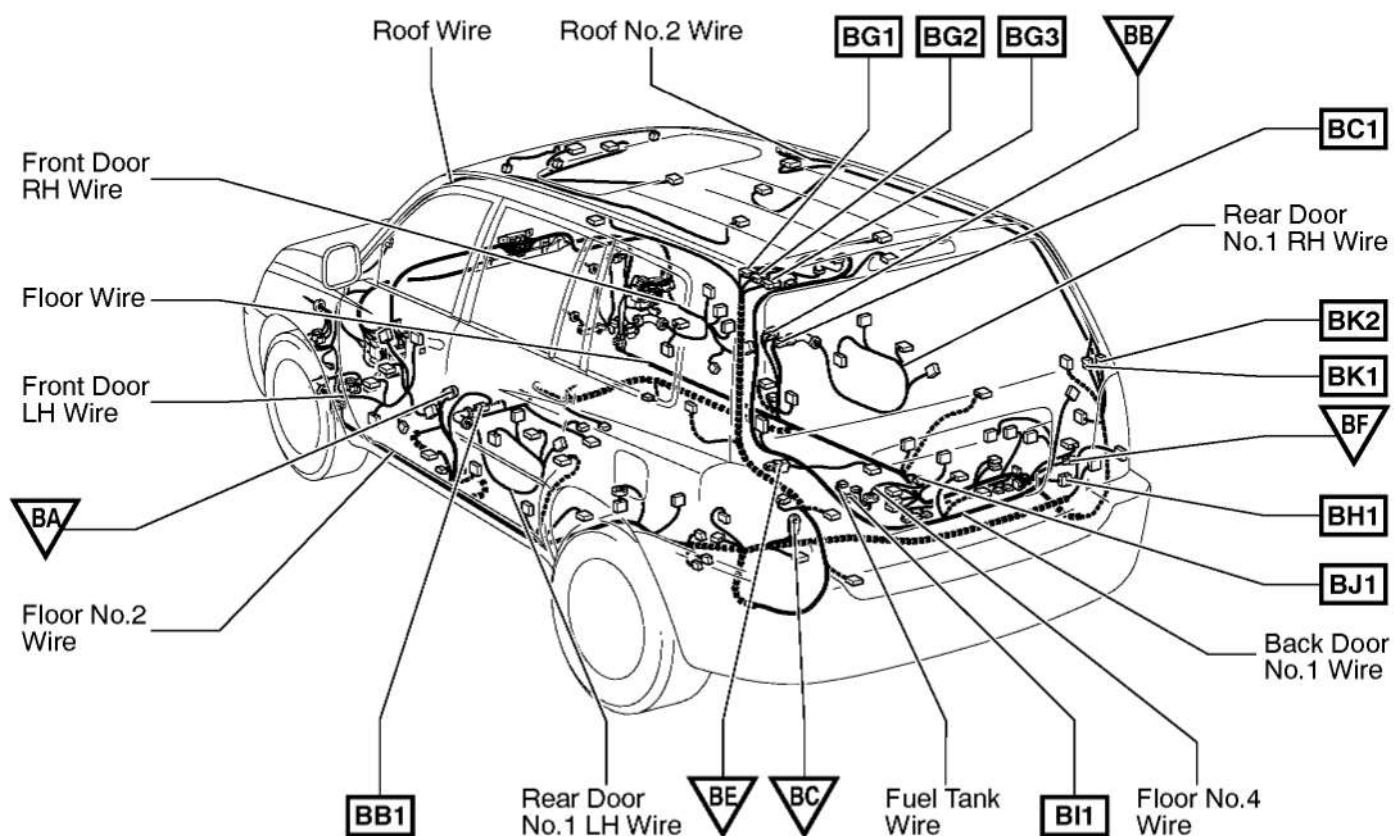


Code	Joining Wire Harness and Wire Harness (Connector Location)
IH1	Cowl Wire and A/C Sub No.2 Wire (Upper Portion of Right Instrument Panel Brace)
II1	Instrument Panel Wire and A/C Sub No.1 Wire (Upper Portion of Right Instrument Panel Brace)
IJ1	Instrument Panel Wire and A/C Sub No.3 Wire (Upper Portion of Right Instrument Panel Brace)
IK1	Engine Room Main Wire and Cowl Wire (Right Cowl Side Panel)
IK2	
IK3	
IK4	Engine Room Main Wire and Cowl Wire (Right Cowl Side Panel)
IL1	
IL2	
IM1	Engine Wire and Cowl Wire (Right Kick Panel)
IN1	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IN2	
IO1	Cowl Wire and Floor Wire (Right Kick Panel)
IO2	
IP1	Instrument Panel Wire and Floor Wire (Left Side of Passenger Side J/B)
IR1	Instrument Panel Wire and Floor Wire (Under the Shift Lever)
IR2	

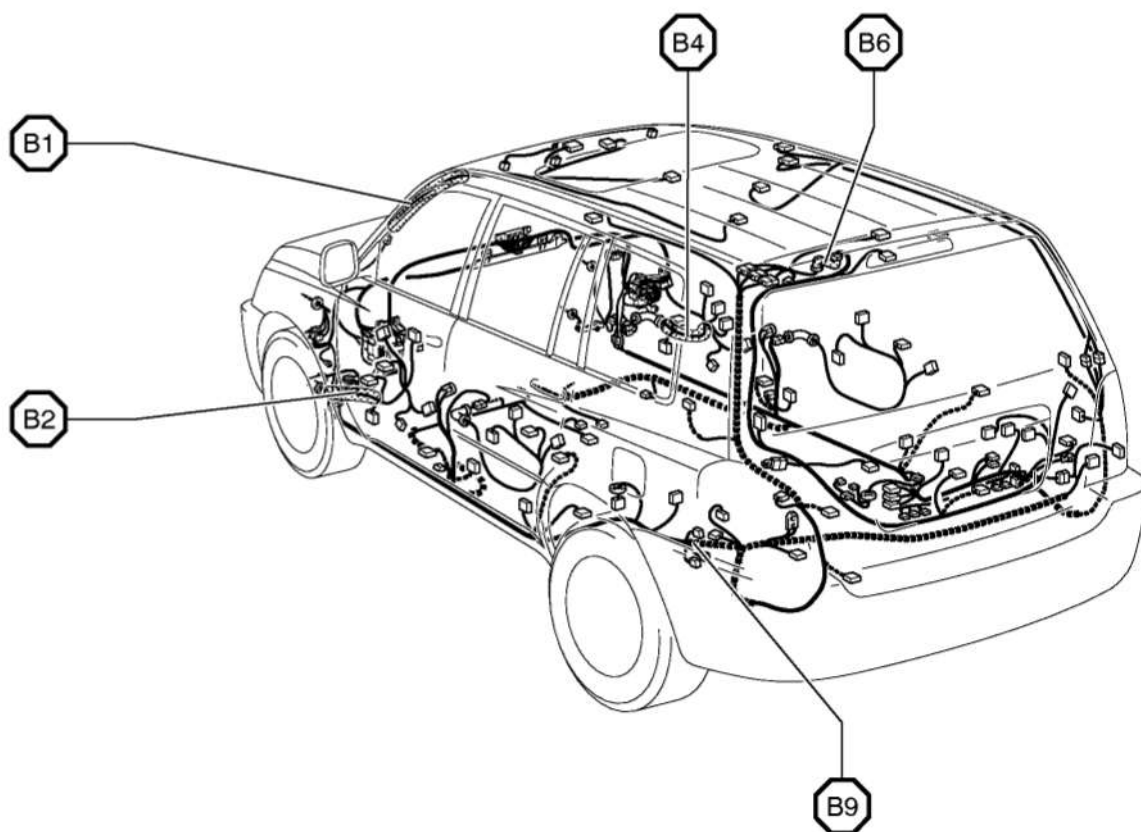
G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

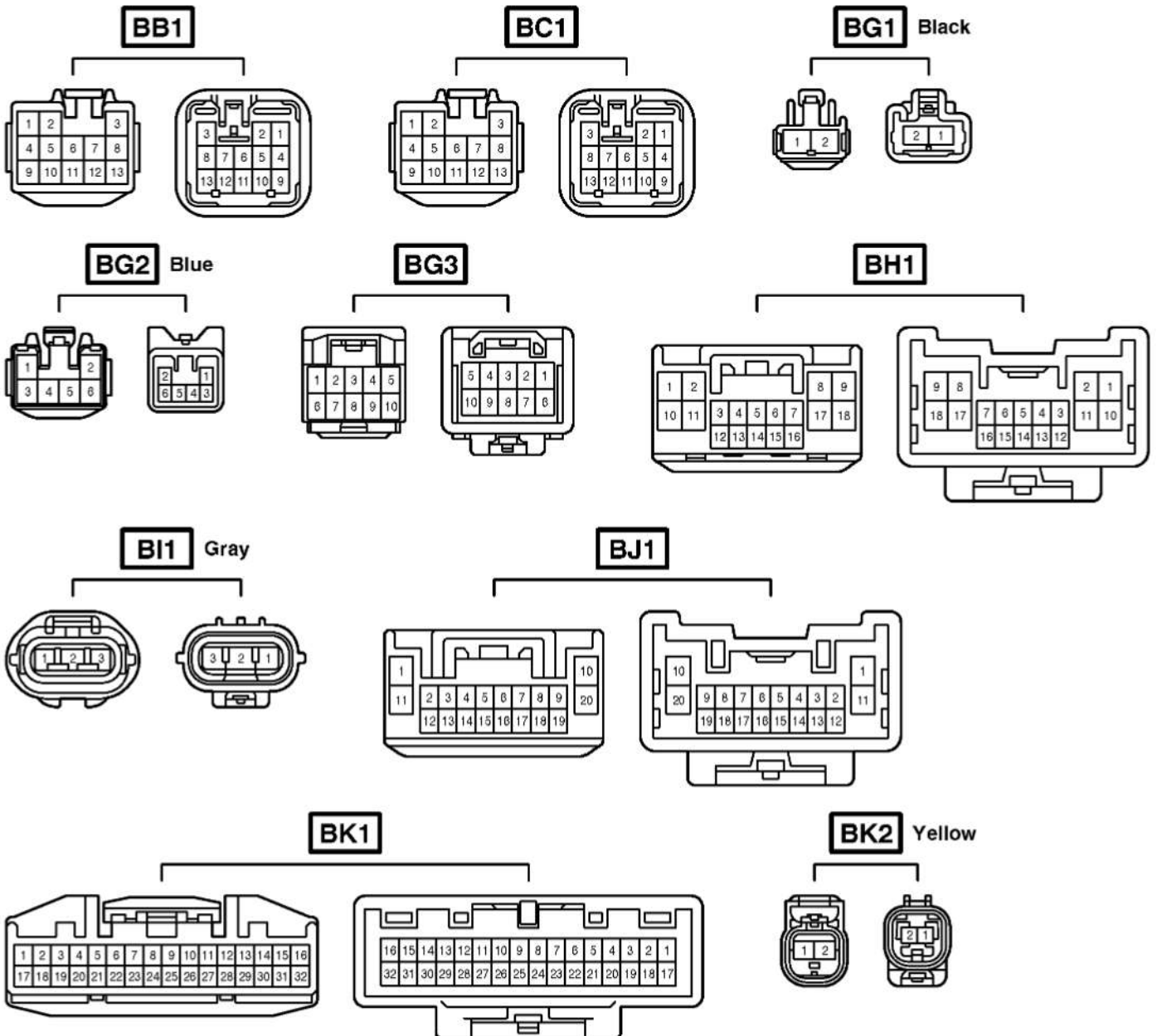
▽ : Location of Ground Points



○ : Location of Splice Points



Connector Joining Wire Harness and Wire Harness

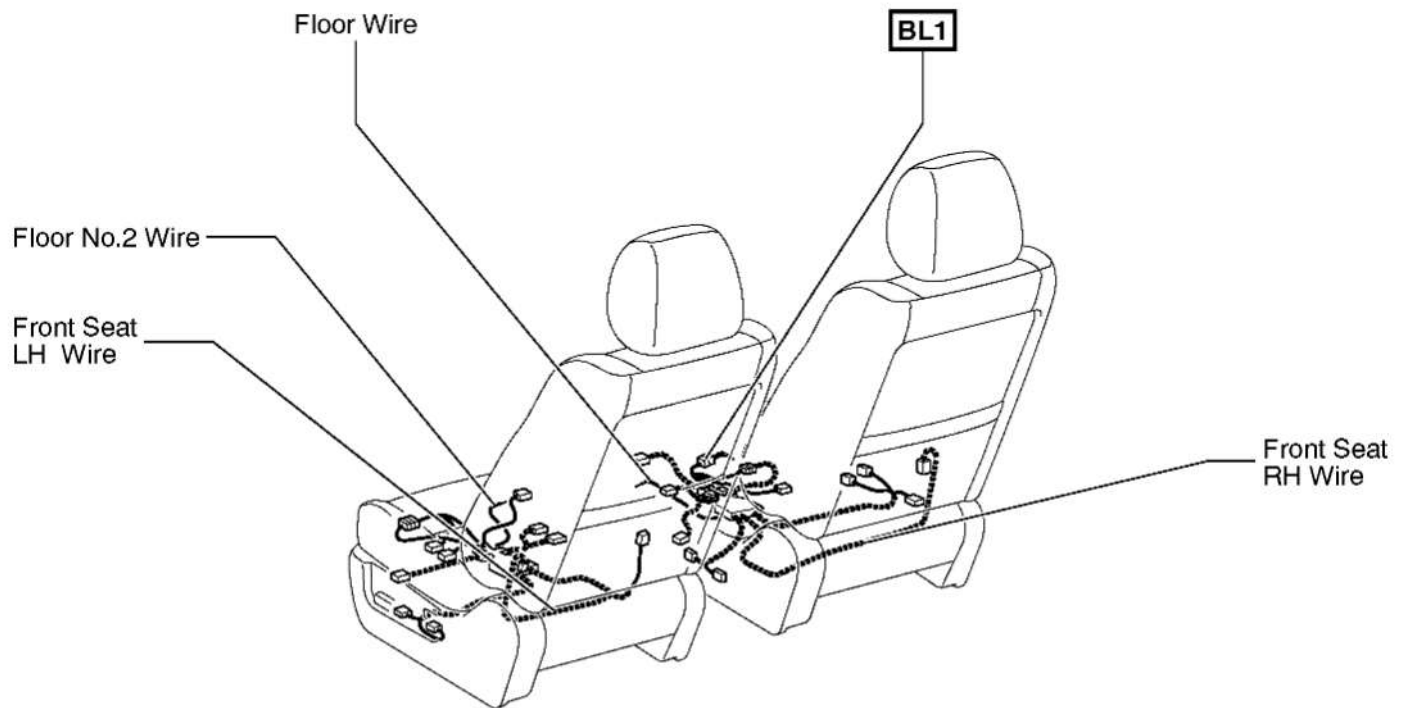


Code	Joining Wire Harness and Wire Harness (Connector Location)
BB1	Rear Door No.1 LH Wire and Floor No.2 Wire (Left Center Pillar)
BC1	Rear Door No.1 RH Wire and Floor Wire (Right Center Pillar)
BG1	Back Door No.1 Wire and Floor No.2 Wire (Rear Left of the Roof)
BG2	
BG3	
BH1	Floor No.2 Wire and Floor Wire (Near the Rear Side Marker Light RH)
BI1	Floor No.4 Wire and Fuel Tank Wire (Right Side of Rear Floor Crossmember)
BJ1	Floor Wire and Floor No.4 Wire (Right Side of Rear Floor Crossmember)
BK1	Roof No.2 Wire and Floor Wire (Right Rear Quarter Panel)
BK2	

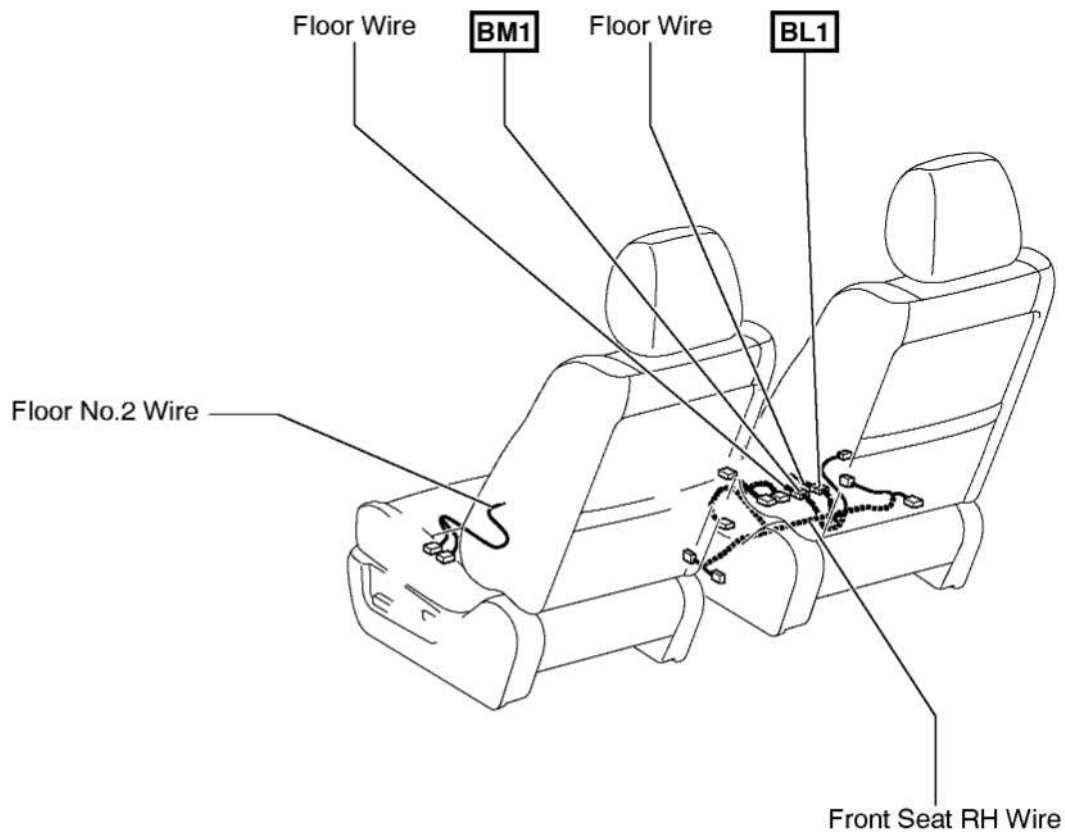
G ELECTRICAL WIRING ROUTING

 : Location of Connector Joining Wire Harness and Wire Harness

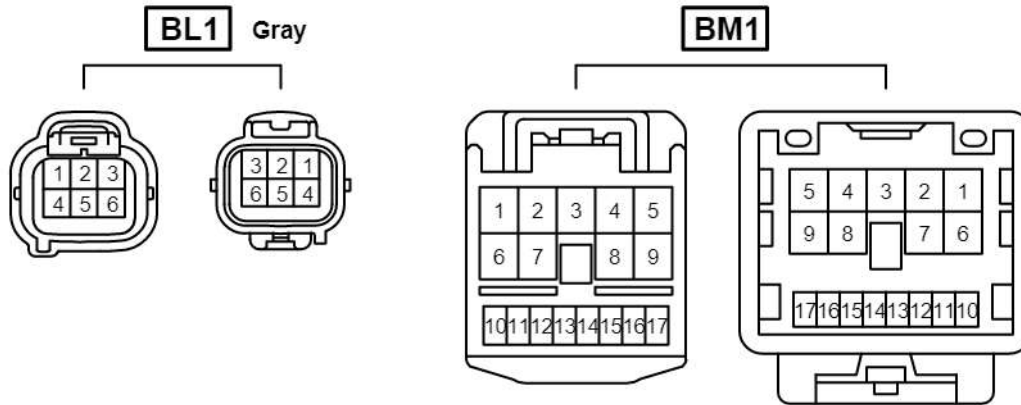
[w/ Power Seat]



[w/o Power Seat]



Connector Joining Wire Harness and Wire Harness

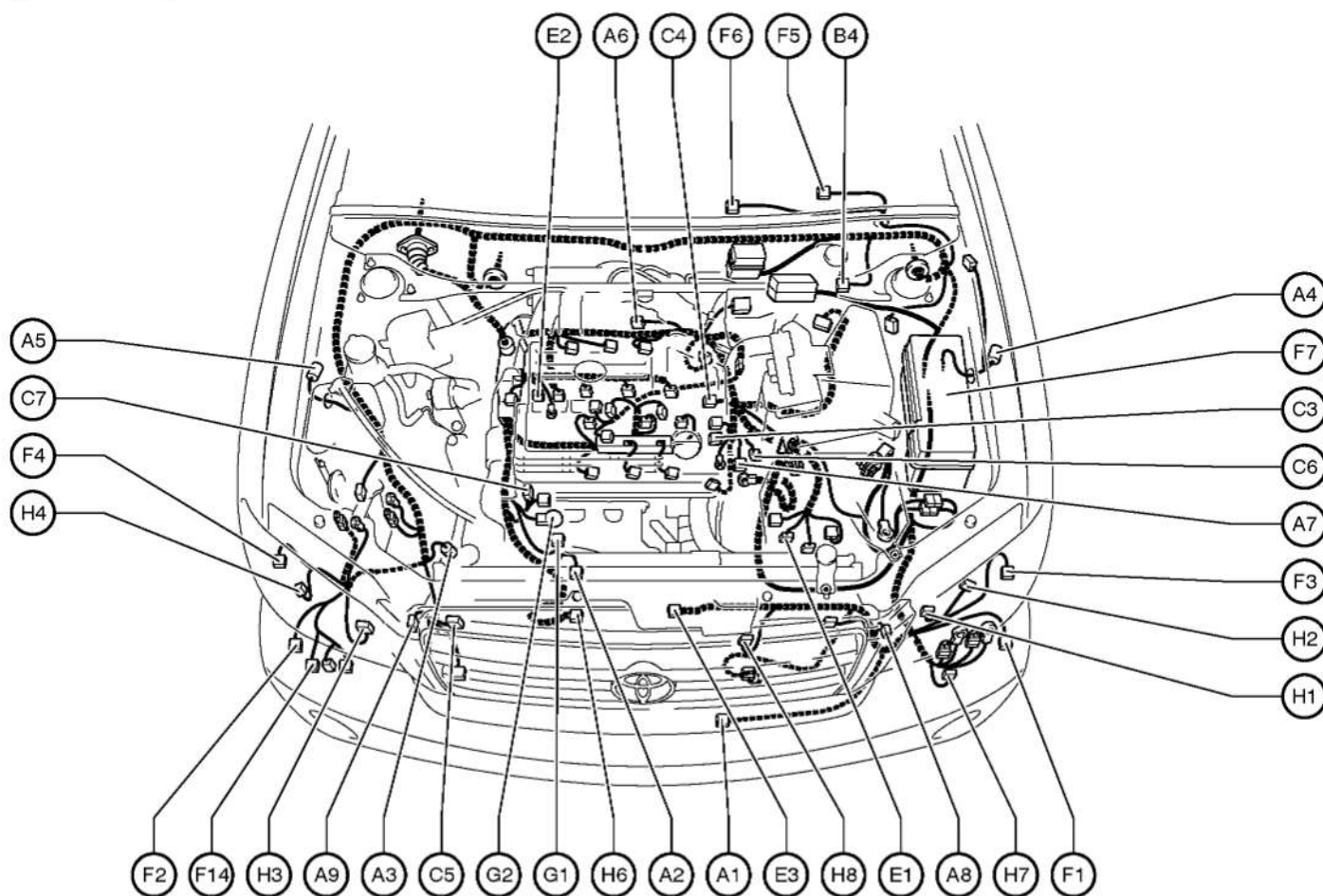


Code	Joining Wire Harness and Wire Harness (Connector Location)
BL1	Floor Wire and Front Seat RH Wire (Under the Front Passenger's Seat)
BM1	

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[3MZ-FE]

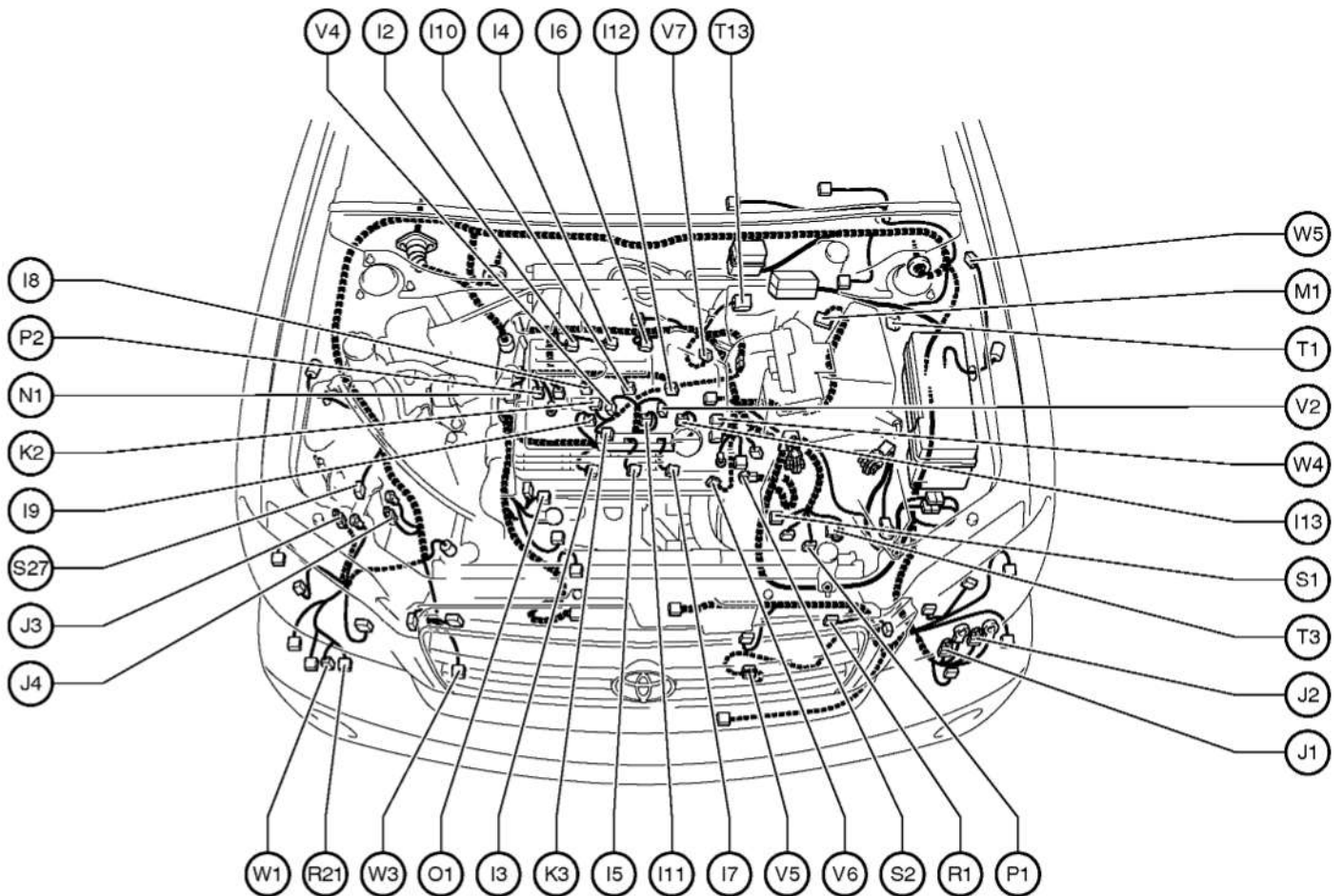


- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Lock Sensor
A/C Magnetic Clutch
- A 3 Pressure SW
- A 4 ABS Speed Sensor Front LH
- A 5 ABS Speed Sensor Front RH
- A 6 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
- A 7 Air Fuel Ratio Sensor (Bank 2 Sensor 1)
- A 8 Airbag Sensor Front LH
- A 9 Airbag Sensor Front RH
- B 4 Brake Warning SW
- C 3 Camshaft Timing Oil Control Valve LH
- C 4 Camshaft Timing Oil Control Valve RH
- C 5 Condenser Fan Motor
- C 6 Counter Gear Speed Sensor
- C 7 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
Front Turn Signal Light LH
- F 4 Front Parking Light RH
Front Turn Signal Light RH
- F 5 Front Wiper Deicer
- F 6 Front Wiper Motor
- F 7 Fusible Link Block
- F 14 Front Washer Motor
- G 1 Generator
- G 2 Generator
- H 1 Headlight LH (High Beam)
- H 2 Headlight LH (Low Beam)
- H 3 Headlight RH (High Beam)
- H 4 Headlight RH (Low Beam)
- H 6 Heated Oxygen Sensor (Bank 2 Sensor 2)
- H 7 Horn LH
- H 8 Horn RH

Position of Parts in Engine Compartment

[3MZ-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 Injector No.1
 I 9 Injector No.2
 I 10 Injector No.3
 I 11 Injector No.4
 I 12 Injector No.5
 I 13 Injector No.6

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

K 2 Knock Sensor (Bank 1)
 K 3 Knock Sensor (Bank 2)

M 1 Mass Air Flow Meter

N 1 Noise Filter (Ignition System)

O 1 Oil Pressure SW

P 1 A/T Indicator SW
 Back-Up Light SW
 Park/Neutral Position SW
 P 2 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
 R21 Rear Washer Motor

S 1 Starter
 S 2 Starter
 S27 Skid Control ECU with Actuator

T 1 Theft Deterrent Horn
 T 3 Turbine Speed Sensor
 T13 Throttle Control Motor
 Throttle Position Sensor

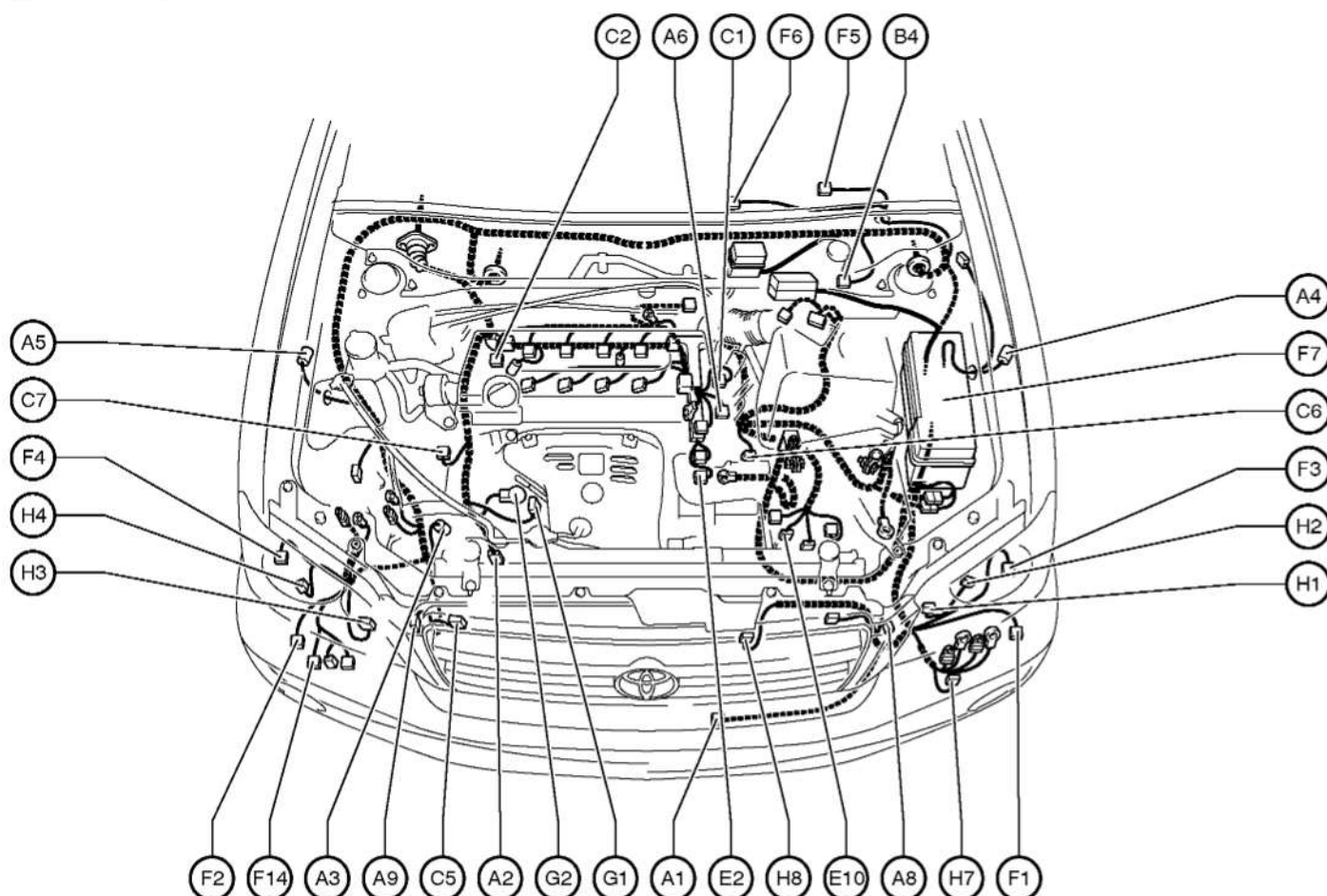
V 2 VSV (ACIS No.2)
 V 4 VSV (EVAP)
 V 5 VSV (ACM)
 V 6 VVT Sensor LH
 V 7 VVT Sensor RH

W 1 Washer Level Sensor
 W 3 Water Temp. SW No.1
 W 4 Water Temp. SW No.2
 W 5 Wireless Door Lock Buzzer

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[2AZ-FE]

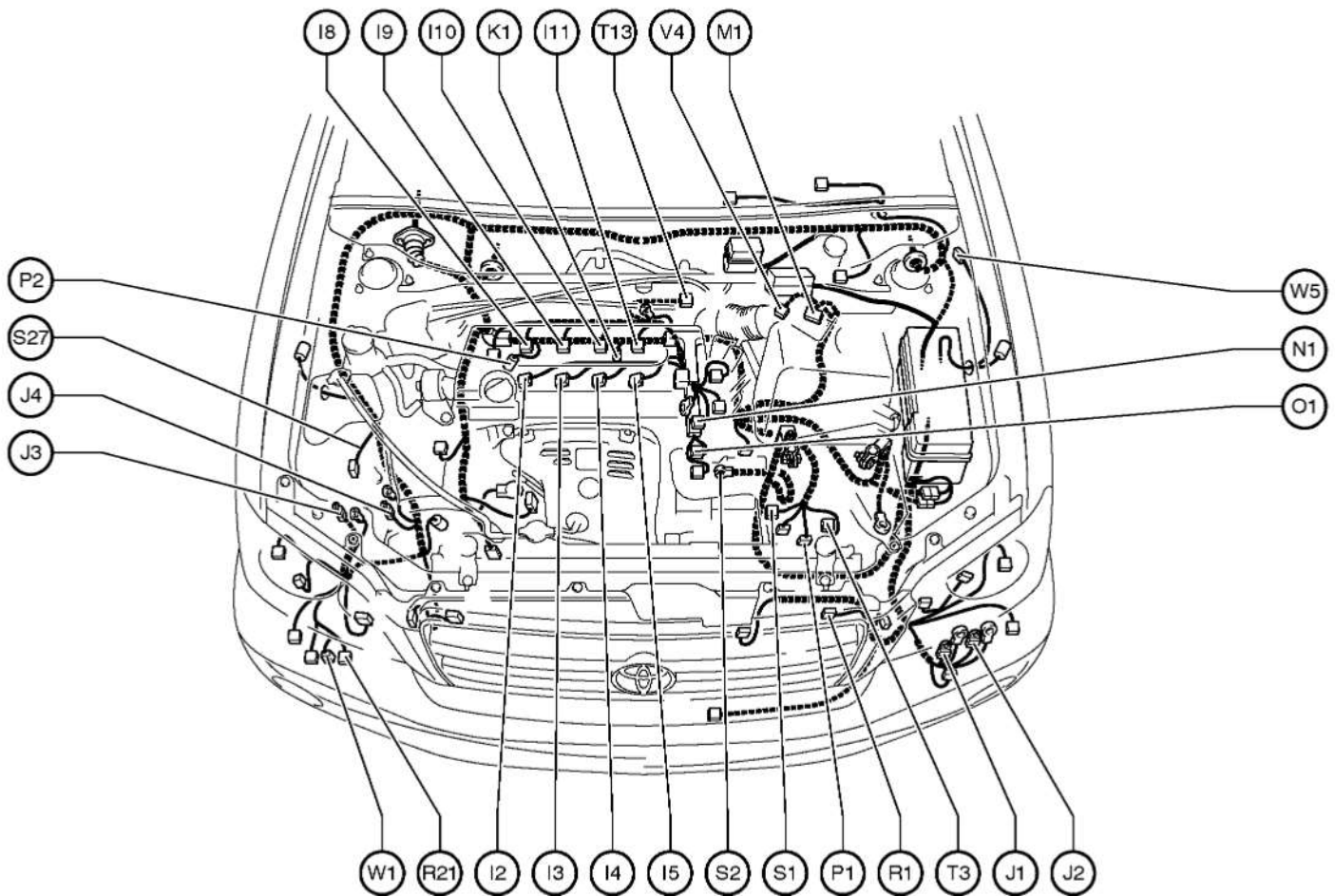


- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Lock Sensor
A/C Magnetic Clutch
- A 3 Pressure SW
- A 4 ABS Speed Sensor Front LH
- A 5 ABS Speed Sensor Front RH
- A 6 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
- A 8 Airbag Sensor Front LH
- A 9 Airbag Sensor Front RH
- B 4 Brake Warning SW
- C 1 Camshaft Position Sensor
- C 2 Camshaft Timing Control Valve
- C 5 Condenser Fan Motor
- C 6 Counter Gear Speed Sensor
- C 7 Crankshaft Position Sensor
- E 2 Engine Coolant Temp. Sensor
- E10 Electronically Controlled Transmission Solenoid

- F 1 Front Fog Light LH
- F 2 Front Fog Light RH
- F 3 Front Parking Light LH
Front Turn Signal Light LH
- F 4 Front Parking Light RH
Front Turn Signal Light RH
- F 5 Front Wiper Deicer
- F 6 Front Wiper Motor
- F 7 Fusible Link Block
- F14 Front Washer Motor
- G 1 Generator
- G 2 Generator
- H 1 Headlight LH (High Beam)
- H 2 Headlight LH (Low Beam)
- H 3 Headlight RH (High Beam)
- H 4 Headlight RH (Low Beam)
- H 7 Horn LH
- H 8 Horn RH

Position of Parts in Engine Compartment

[2AZ-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 8 Injector No.1
 I 9 Injector No.2
 I 10 Injector No.3
 I 11 Injector No.4

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

K 1 Knock Sensor (Bank 1)

M 1 Mass Air Flow Meter

N 1 Noise Filter (Ignition System)

O 1 Oil Pressure SW

P 1 A/T Indicator SW
 Back-Up Light SW
 Park/Neutral Position SW
 P 2 Power Steering Oil Pressure SW

R 1 Radiator Fan Motor
 R21 Rear Washer Motor

S 1 Starter
 S 2 Starter
 S27 Skid Control ECU with Actuator

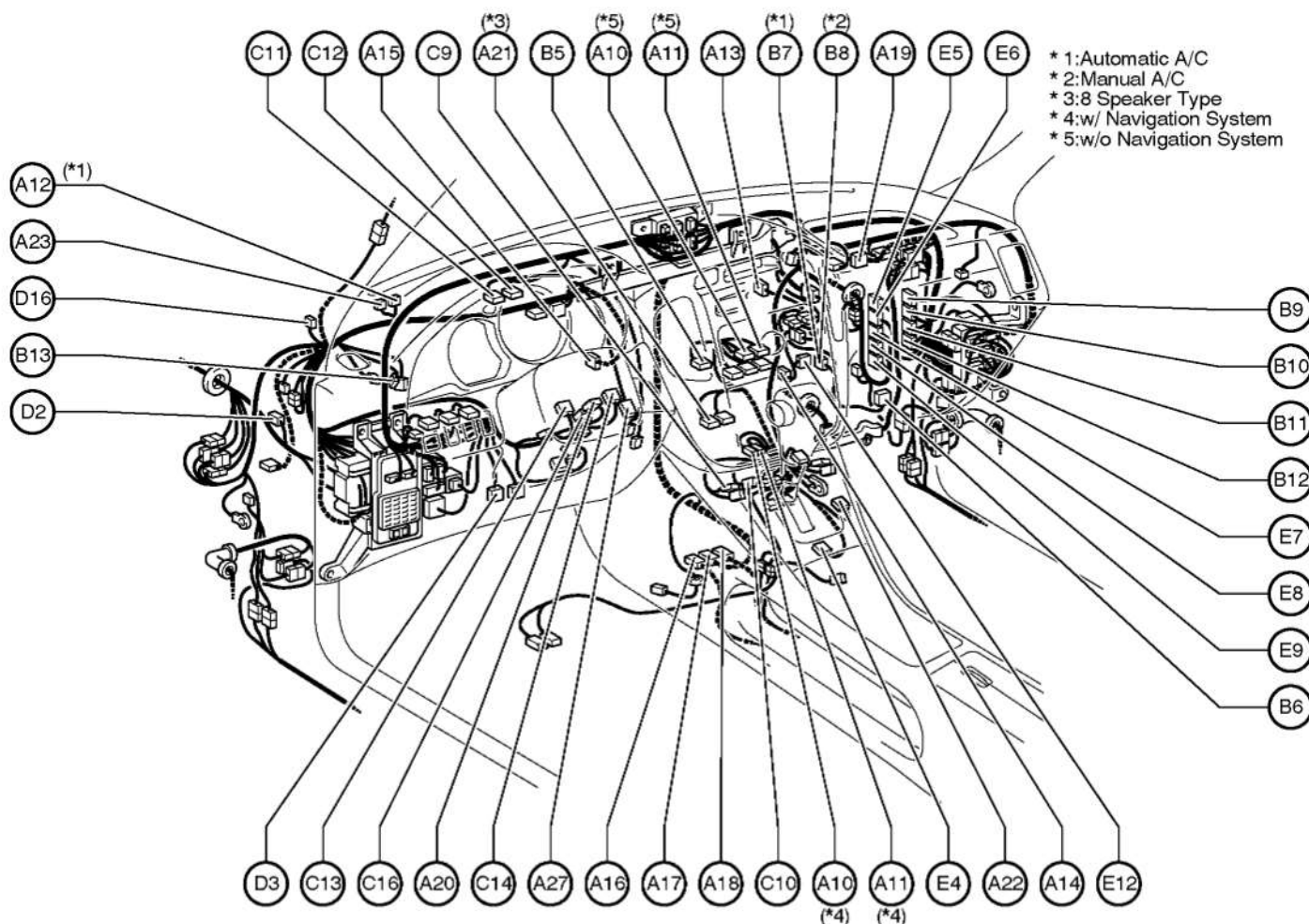
T 3 Turbine Speed Sensor
 T13 Throttle Control Motor
 Throttle Position Sensor

V 4 VSV (EVAP)

W 1 Washer Level Sensor
 W 5 Wireless Door Lock Buzzer

G ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel



A10 A/C Control Assembly
 A11 A/C Control Assembly
 A12 A/C Solar Sensor
 A13 Air Inlet Control Servo Motor
 A14 Air Mix Control Servo Motor
 A15 Air Vent Mode Control Servo Motor
 A16 Airbag Sensor Assembly
 A17 Airbag Sensor Assembly
 A18 Airbag Sensor Assembly
 A19 Airbag Squib (Front Passenger Airbag Assembly)
 A20 Airbag Squib (Steering Wheel Pad)
 A21 Antenna Amplifier (Front)
 A22 Ashtray Illumination
 A23 Automatic Light Control Sensor
 A27 Accel Position Sensor

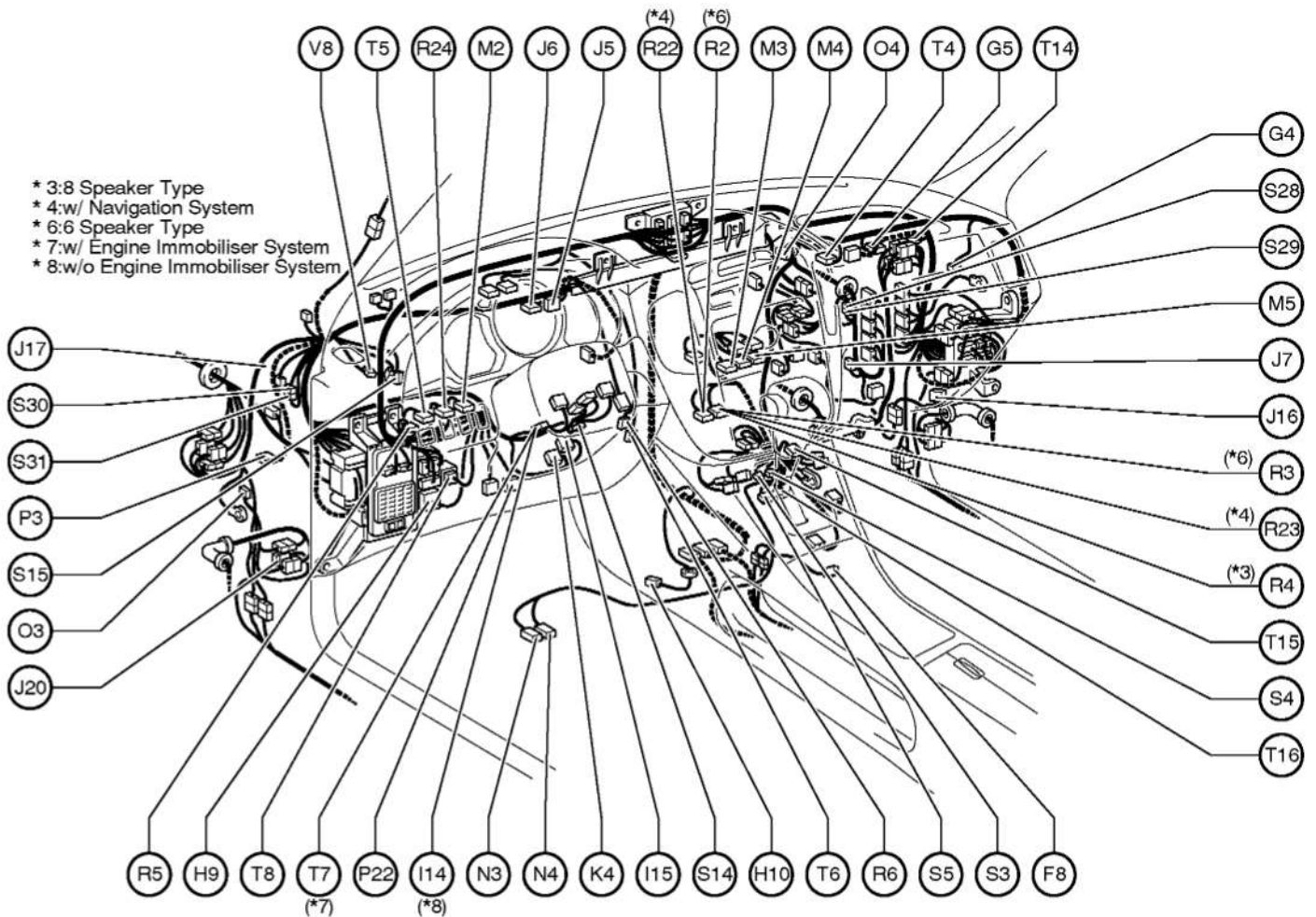
B 5 Blower Control SW
 B 6 Blower Motor
 B 7 Blower Motor Control
 B 8 Blower Resister
 B 9 Body ECU
 B10 Body ECU
 B11 Body ECU
 B12 Body ECU
 B13 Brake Pedal Load Sensing SW

C 9 Cigarette Lighter
 C10 Cigarette Lighter Illumination
 C11 Combination Meter
 C12 Combination Meter
 C13 Combination SW
 C14 Combination SW
 C16 Combination SW

D 2 Diode (Cooling Fan)
 D 3 Data Link Connector 3
 D16 Diode (Rear Wiper)

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
 E12 Evaporator Temp. Sensor

Position of Parts in Instrument Panel



F 8 Front Power Outlet

G 4 Glove Box Light
G 5 Gateway ECU

H 9 Heater Relay
H10 Heated Oxygen Sensor (Bank 1 Sensor 2)

I 14 Ignition Key Cylinder Illumination
I 15 Ignition SW

J 5 Junction Connector
J 6 Junction Connector
J 7 Junction Connector
J 16 Junction Connector
J 17 Junction Connector
J 20 Junction Connector

K 4 Key Interlock Solenoid
Unlock Warning SW

M 2 Main SW
M 3 Multi-Display
M 4 Multi-Display
M 5 Multi-Display

N 3 Navigation ECU
N 4 Navigation ECU

O 3 Option Connector 1
O 4 Option Connector 2

P 3 Parking Brake SW
P22 Pressure SW

R 2 Radio and Player
R 3 Radio and Player
R 4 Radio and Player
R 5 Remote Control Mirror SW
R 6 Room Temp. Sensor
R22 Radio and Player
R23 Radio and Player
R24 Rear Heater Main SW

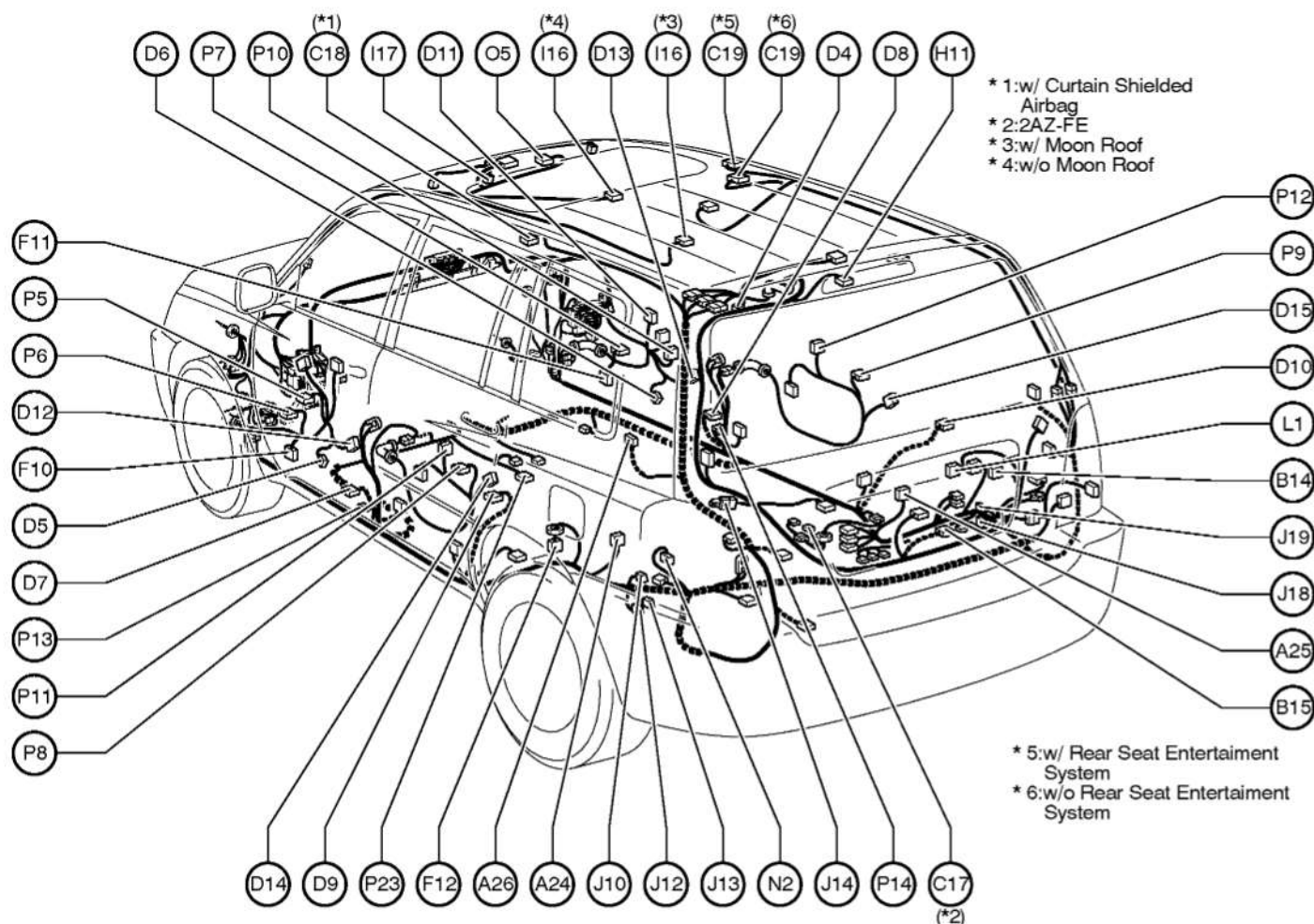
S 3 Seat Heater SW LH
S 4 Seat Heater SW RH
S 5 Shift Lock ECU
S14 Steering Sensor
S15 Stop Light SW
S28 Short Connector
S29 Short Connector
S30 Short Connector
S31 Short Connector

T 4 Theft Deterrent ECU
T 5 Theft Deterrent Indicator Light
T 6 TRAC Off SW
T 7 Transponder Key Amplifier
T 8 Turn Signal Flasher
T14 Transponder Key Computer
T15 Telltale Light Assembly
T16 Indicator Light Wire Sub Assembly
Transmission Control SW
Transmission Shift Main SW

V 8 VSC Warning Buzzer

G ELECTRICAL WIRING ROUTING

Position of Parts in Body



A 24 ABS Speed Sensor Rear LH
 A 25 ABS Speed Sensor Rear RH
 A 26 Antenna Amplifier (Rear)

B 14 Back Door Key Lock and Unlock SW
 B 15 Back Door Lock Motor
 Back Door Unlock Detection SW

C 17 Charcoal Canister Assembly
 C 18 Curtain Shield Airbag Squib LH
 C 19 Curtain Shield Airbag Squib RH

D 4 Diode (Rear Interior Light)
 D 5 Door Courtesy Light Front LH
 D 6 Door Courtesy Light Front RH
 D 7 Door Courtesy SW Front LH
 D 8 Door Courtesy SW Front RH
 D 9 Door Courtesy SW Rear LH
 D 10 Door Courtesy SW Rear RH
 D 11 Door Lock Control SW
 D 12 Door Key Lock and Unlock SW Front LH
 Door Lock Motor Front LH
 Door Unlock Detection SW Front LH
 D 13 Door Key Lock and Unlock SW Front RH
 Door Lock Motor Front RH
 Door Unlock Detection SW Front RH
 D 14 Door Lock Motor Rear LH
 Door Unlock Detection SW Rear LH
 D 15 Door Lock Motor Rear RH
 Door Unlock Detection SW Rear RH

F 10 Front Door Speaker LH
 F 11 Front Door Speaker RH
 F 12 Fuel Pump
 Fuel Sender

H 11 High Mounted Stop Light

I 16 Interior Light
 I 17 Inner Mirror

J 10 Junction Connector
 J 12 Junction Connector
 J 13 Junction Connector
 J 14 Junction Connector
 J 18 Junction Connector
 J 19 Junction Connector

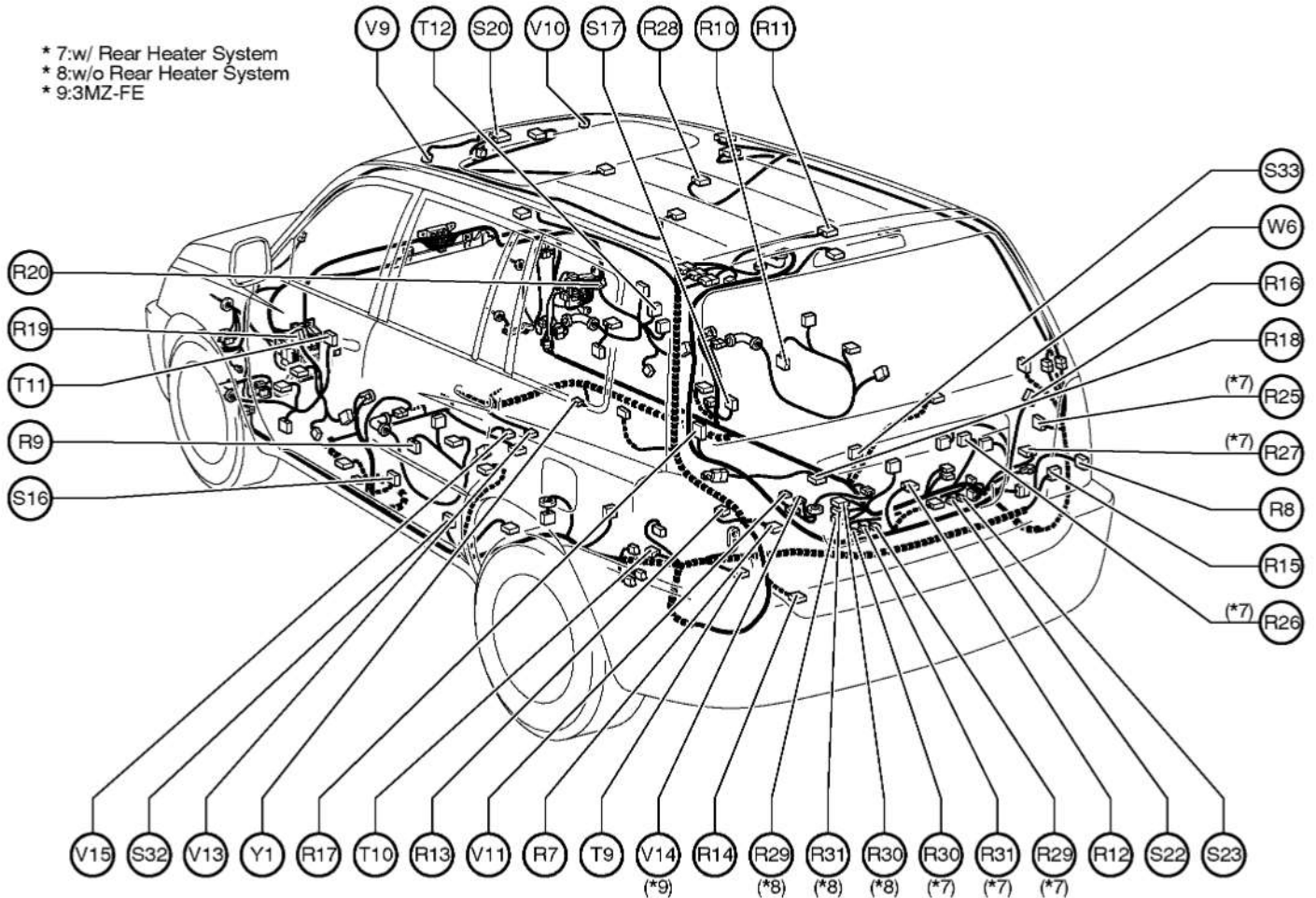
L 1 License Plate light

N 2 Noise Filter (Rear Window Defogger)

O 5 Overhead J/B

P 5 Power Window Master SW with ECU
 P 6 Power Window Motor Front LH
 P 7 Power Window Motor Front RH
 P 8 Power Window Motor Rear LH
 P 9 Power Window Motor Rear RH
 P 10 Power Window SW Front RH
 P 11 Power Window SW Rear LH
 P 12 Power Window SW Rear RH
 P 13 Pretensioner LH
 P 14 Pretensioner RH
 P 23 Power Outlet (110V)

Position of Parts in Body



R 7 Rear Combination Light LH
 R 8 Rear Combination Light RH
 R 9 Rear Door Speaker LH
 R 10 Rear Door Speaker RH
 R 11 Rear Interior Light
 R 12 Rear Interior Light SW
 R 13 Rear Power Outlet
 R 14 Rear Side Marker Light LH
 R 15 Rear Side Marker Light RH
 R 16 Rear Window Defogger
 R 17 Rear Window Defogger
 R 18 Rear Wiper Motor
 R 19 Remote Control Mirror LH
 R 20 Remote Control Mirror RH
 R 25 Rear Heater Blower Motor
 R 26 Rear Heater Blower SW
 R 27 Rear Heater Relay
 R 28 Rear Seat Entertainment Display
 R 29 Rear Seat Entertainment ECU
 R 30 Rear Seat Entertainment ECU
 R 31 Rear Seat Entertainment ECU

S 16 Side Airbag Sensor Front LH
 S 17 Side Airbag Sensor Front RH
 S 20 Sliding Roof Control ECU
 S 22 Stereo Power Amplifier
 S 23 Stereo Power Amplifier
 S 32 Side Airbag Sensor Rear LH
 S 33 Side Airbag Sensor Rear RH

T 9 Towing Converter
 T 10 Trailer Hitch
 T 11 Tweeter LH
 T 12 Tweeter RH

V 9 Garage Door Opener
 Vanity Light LH
 V 10 Vanity Light RH
 V 11 Vapor Pressure Sensor
 V 13 Video Terminal
 V 14 VSV (Canister Closed Valve)
 V 15 Voltage Inverter

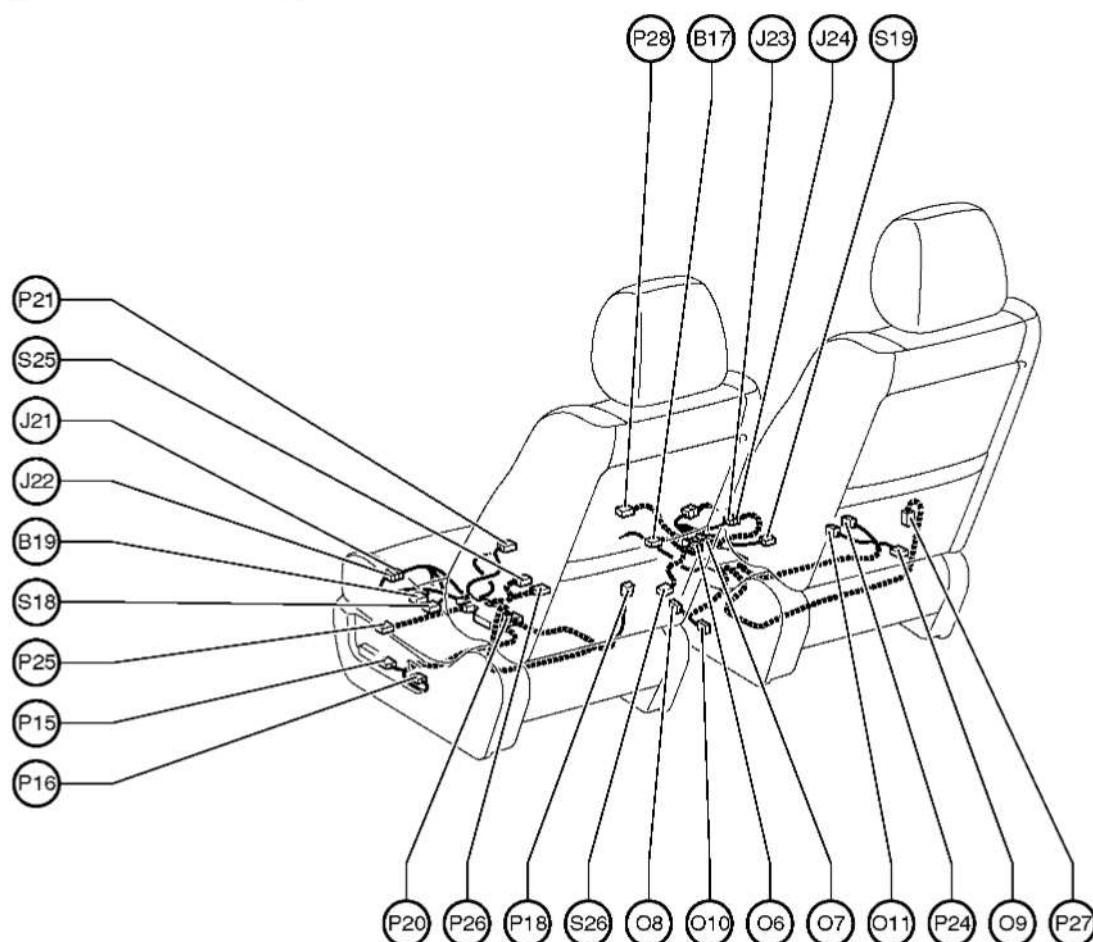
W 6 Wireless Door Lock ECU

Y 1 Yaw Rate Sensor

G ELECTRICAL WIRING ROUTING

Position of Parts in Seat

[w/ Power Seat]



B17 Buckle SW (Front Passenger's Side)

B19 Buckle SW LH
Seat Position Airbag Sensor LH

J21 Junction Connector

J22 Junction Connector

J23 Junction Connector

J24 Junction Connector

O6 Occupant Classification ECU

O7 Occupant Classification ECU

O8 Occupant Classification Sensor Front LH

O9 Occupant Classification Sensor Front RH

O10 Occupant Classification Sensor Rear LH

O11 Occupant Classification Sensor Rear RH

P15 Power Seat Control SW (Driver's Seat Control)

P16 Power Seat Control SW
(Driver's Seat Lumbar Support Control)

P18 Power Seat Motor
(Driver's Seat Lumbar Support Control)

P20 Power Seat Motor (Driver's Seat Reclining Control)

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

P24 Power Seat Control SW
(Front Passenger's Seat Control)

P25 Power Seat Motor (Driver's Seat Front Tilt Control)

P26 Power Seat Motor (Driver's Seat Lifter Control)

P27 Power Seat Motor
(Front Passenger's Seat Reclining Control)

P28 Power Seat Motor
(Front Passenger's Seat Slide Control)

S18 Side Airbag Squib LH

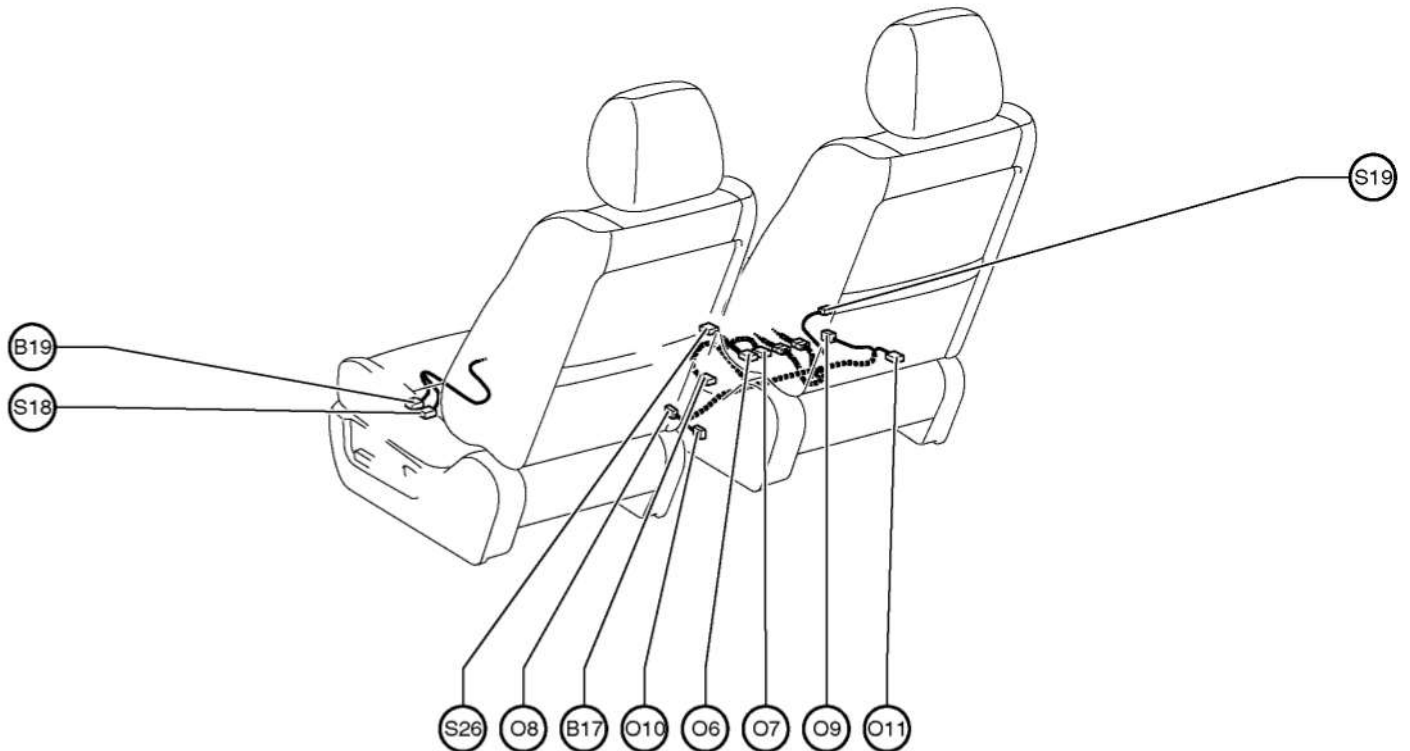
S19 Side Airbag Squib RH

S25 Seat Heater LH

S26 Seat Heater RH

Position of Parts in Seat

[w/o Power Seat]



B17 Buckle SW (Front Passenger's Side)
 B19 Buckle SW LH
 Seat Position Airbag Sensor LH

S18 Side Airbag Squib LH
 S19 Side Airbag Squib RH
 S26 Seat Heater RH

O 6 Occupant Classification ECU
 O 7 Occupant Classification ECU
 O 8 Occupant Classification Sensor Front LH
 O 9 Occupant Classification Sensor Front RH
 O10 Occupant Classification Sensor Rear LH
 O11 Occupant Classification Sensor Rear RH