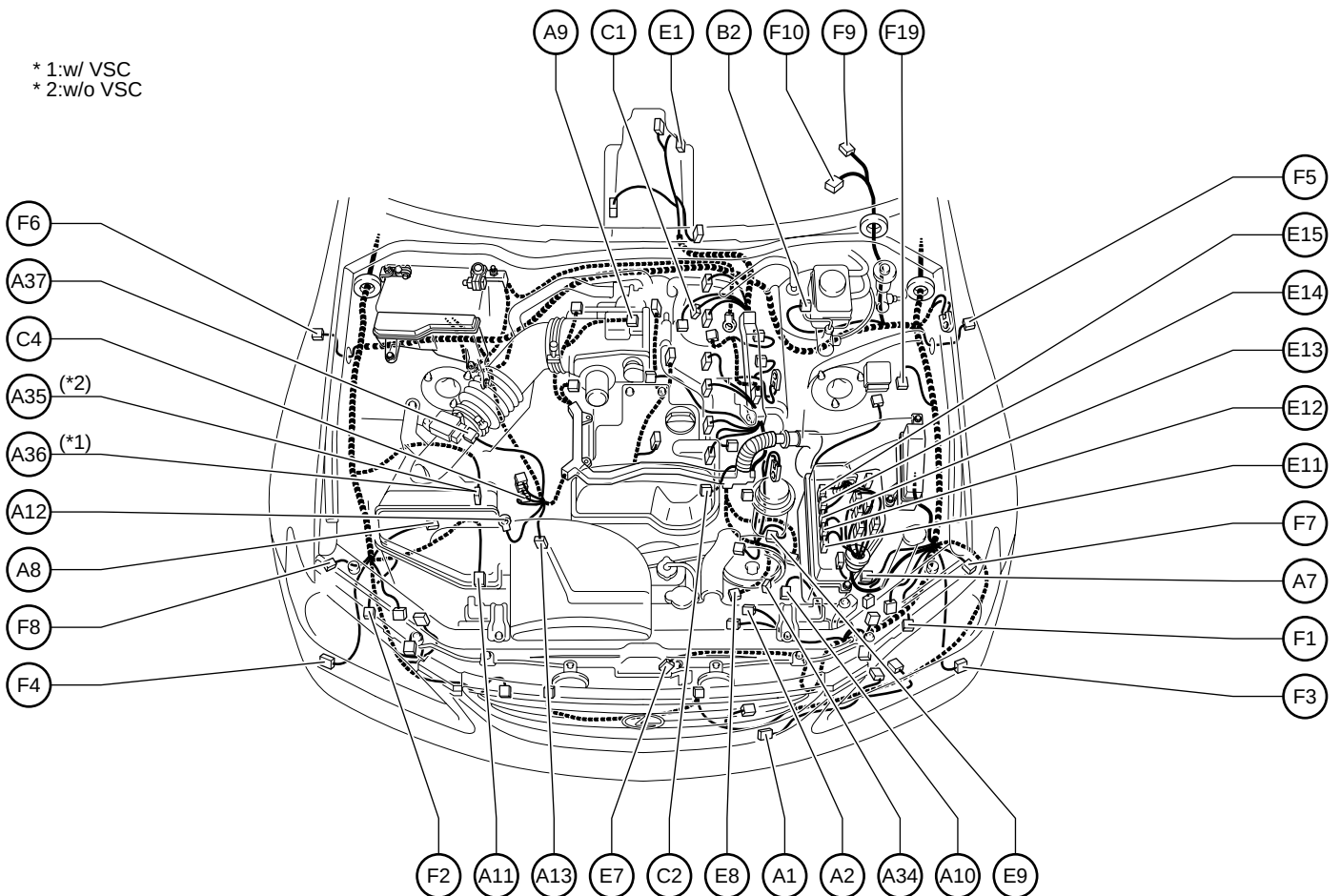


E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 2JZ-GE]



* 1:w/ VSC
* 2:w/o VSC

A 1 A/C Ambient Temp. Sensor
A 2 A/C Condenser Fan Motor
A 7 ABS Speed Sensor Front LH
A 8 ABS Speed Sensor Front RH
A 9 Accel Position Sensor
A10 Airbag Sensor Front LH
A11 Airbag Sensor Front RH
A12 Alternator
A13 Alternator
A34 A/C Magnetic Clutch and Lock Sensor
A35 ABS & BA & TRC Actuator
A36 ABS & BA & TRC & VSC Actuator
A37 Air Flow Meter

B 2 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor
C 2 Camshaft Timing Oil Control Valve
C 4 Crankshaft Position Sensor

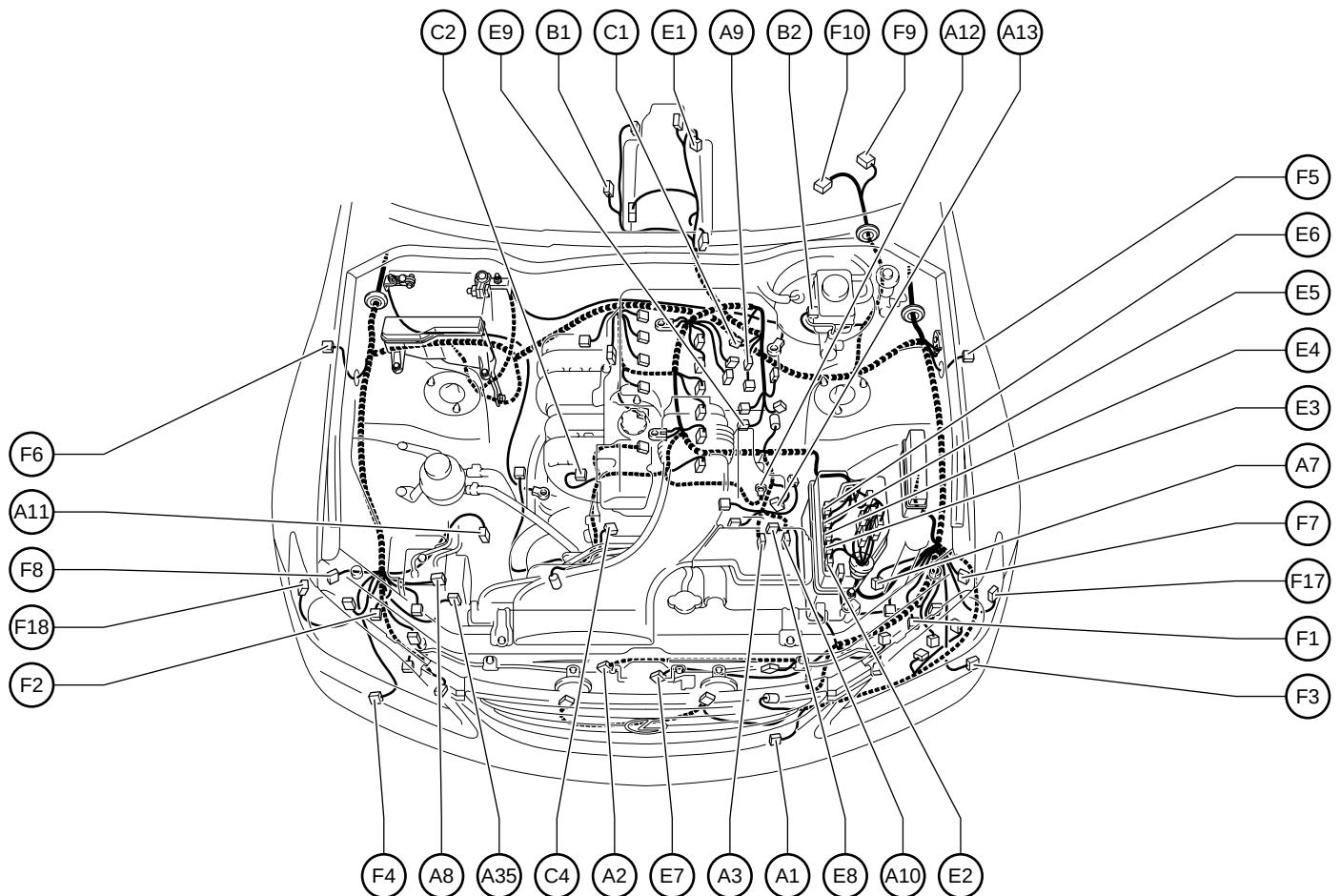
E 1 ECT Solenoid
E 7 Engine Hood Courtesy SW
E 8 Engine Oil Level Sensor
E 9 Engine Oil Pressure SW
E11 Engine and ECT ECU
E12 Engine and ECT ECU
E13 Engine and ECT ECU
E14 Engine and ECT ECU
E15 Engine and ECT ECU

F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Fog Light LH
F 4 Front Fog Light RH
F 5 Front Side Turn Signal Light LH
F 6 Front Side Turn Signal Light RH
F 7 Front Turn Signal Light LH
F 8 Front Turn Signal Light RH
F 9 Front Window Deicer
F10 Front Wiper Motor
F19 Fuel Pump Resistor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 1G-FE]



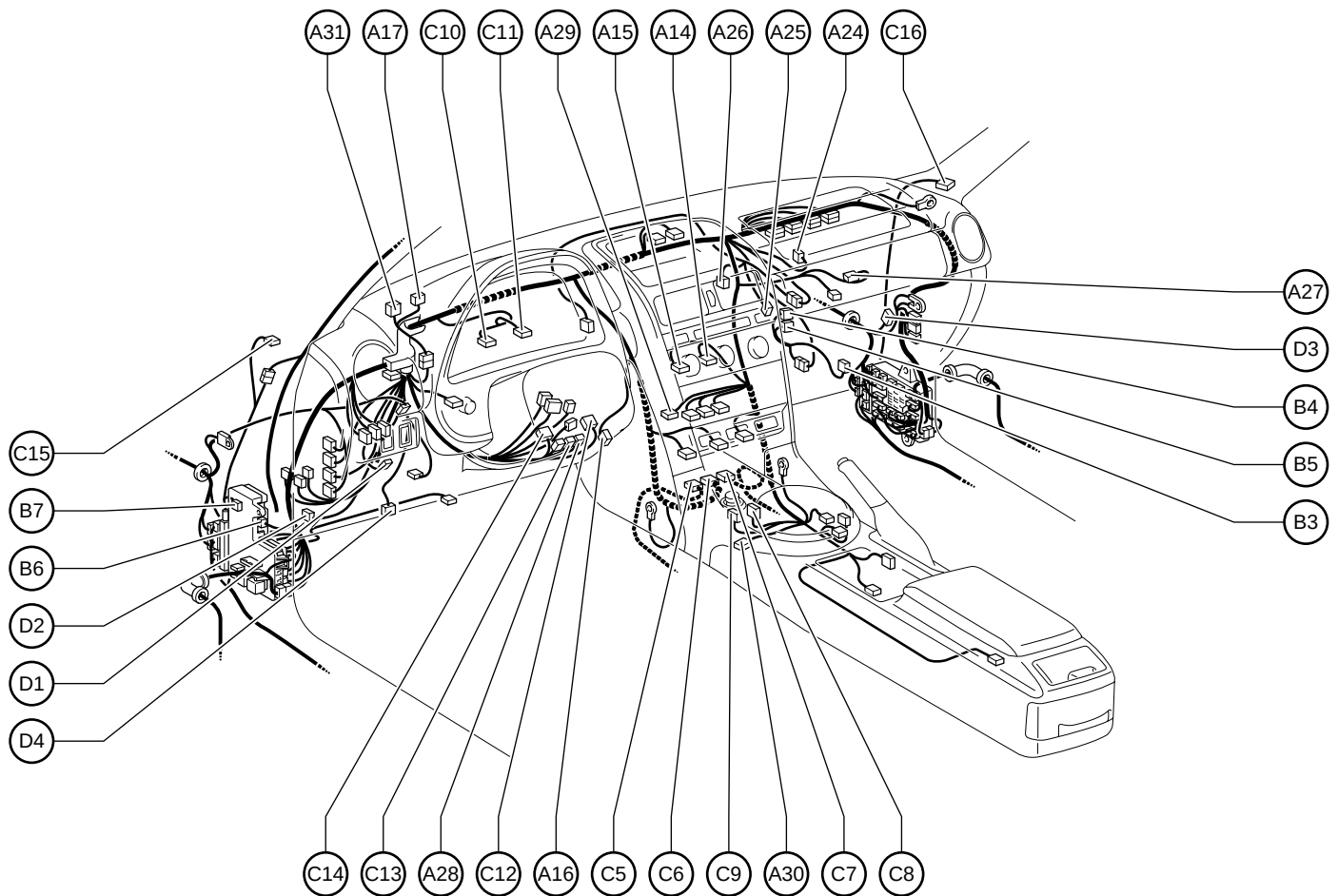
- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Condenser Fan Motor
- A 3 A/C Magnetic Clutch
- A 7 ABS Speed Sensor Front LH
- A 8 ABS Speed Sensor Front RH
- A 9 Accel Position Sensor
- A10 Airbag Sensor Front LH
- A11 Airbag Sensor Front RH
- A12 Alternator
- A13 Alternator
- A35 ABS & BA & TRC Actuator
- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW
- C 1 Camshaft Position Sensor
- C 2 Camshaft Timing Oil Control Valve
- C 4 Crankshaft Position Sensor
- E 1 ECT Solenoid
- E 2 Engine and ECT ECU (A/T)
Engine ECU (M/T)
- E 3 Engine and ECT ECU (A/T)
Engine ECU (M/T)

- E 4 Engine and ECT ECU (A/T)
- E 5 Engine and ECT ECU (A/T)
Engine ECU (M/T)
- E 6 Engine and ECT ECU (A/T)
Engine ECU (M/T)
- E 7 Engine Hood Courtesy SW
- E 8 Engine Oil Level Sensor
- E 9 Engine Oil Pressure SW
- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 3 Front Fog Light LH
- F 4 Front Fog Light RH
- F 5 Front Side Turn Signal Light LH
- F 6 Front Side Turn Signal Light RH
- F 7 Front Turn Signal Light LH
- F 8 Front Turn Signal Light RH
- F 9 Front Window Deicer
- F10 Front Wiper Motor
- F17 Front Side Marker Light LH
- F18 Front Side Marker Light RH

E ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel

[LHD]



A14 A/C Control Assembly
 A15 A/C Control Assembly
 A16 A/C Room Temp. Sensor
 A17 A/C Solar Sensor
 A24 Air Inlet Control Servo Motor
 A25 Air Mix Control Servo Motor
 A26 Air Vent Mode Control Servo Motor
 A27 Airbag Squib (Front Passenger Airbag Assembly)
 A28 Airbag Squib (Steering Wheel Pad)
 A29 Antenna Amplifier
 A30 Ashtray Illumination
 A31 Automatic Light Control Sensor

B 3 Blower Motor
 B 4 Blower Motor Controller
 B 5 Blower Motor Controller
 B 6 Body ECU
 B 7 Body ECU

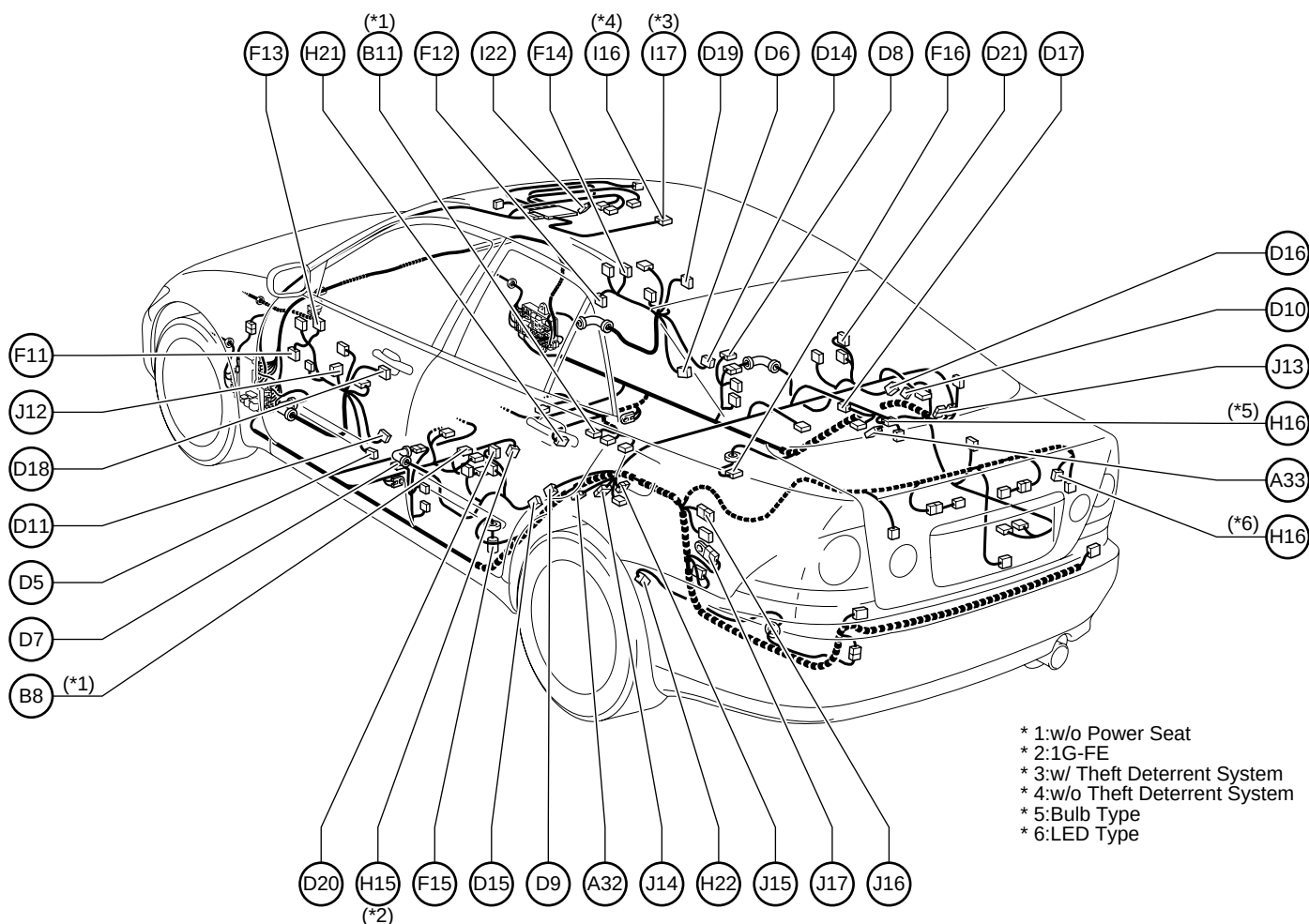
C 5 Center Airbag Sensor Assembly
 C 6 Center Airbag Sensor Assembly
 C 7 Center Airbag Sensor Assembly
 C 8 Cigarette Lighter
 C 9 Cigarette Lighter Illumination
 C10 Combination Meter
 C11 Combination Meter
 C12 Combination SW
 C13 Combination SW
 C14 Combination SW
 C15 Curtain Shield Airbag Squib LH
 C16 Curtain Shield Airbag Squib RH

D 1 Daytime Running Light Relay
 Short Connector
 D 2 Double Locking ECU
 D 3 Diode (A/C)
 D 4 DLC3

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : S/D]



- * 1:w/o Power Seat
- * 2:1G-FE
- * 3:w/ Theft Deterrent System
- * 4:w/o Theft Deterrent System
- * 5:Bulb Type
- * 6:LED Type

A 32 ABS Speed Sensor Rear LH
A 33 ABS Speed Sensor Rear RH

B 8 Buckle SW LH
B 11 Buckle SW RH and
Seat Belt Warning Occupant Detection Sensor

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 Key Lock and Unlock SW Front LH
Door Lock Detection SW Front LH
Door Lock Motor Front LH
D 14 Door Lock Detection SW Front RH
Door Lock Motor Front RH
D 15 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
D 16 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
D 17 Diode (Luggage Compartment)
D 18 Door Lock Detection SW Front LH
Door Lock Motor Front LH
Double Lock Motor Front LH
Double Lock Position SW Front LH
D 19 Door Lock Detection SW Front RH
Door Lock Motor Front RH
Double Lock Motor Front RH
Double Lock Position SW Front RH
D 20 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
Double Lock Motor Rear LH
Double Lock Position SW Rear LH

D 21 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
Double Lock Motor Rear RH
Double Lock Position SW Rear RH

F 11 Front Door Speaker LH
F 12 Front Door Speaker RH
F 13 Front Door Tweeter Speaker LH
F 14 Front Door Tweeter Speaker RH
F 15 Fuel Pump
Fuel Sender
F 16 Fuel Sender (Sub)

H 15 Heated Oxygen Sensor (Bank 1 Sensor 2)
H 16 High Mounted Stop Light
H 21 Heated Oxygen Sensor (Bank 2 Sensor 2)
H 22 Height Control Sensor Rear LH

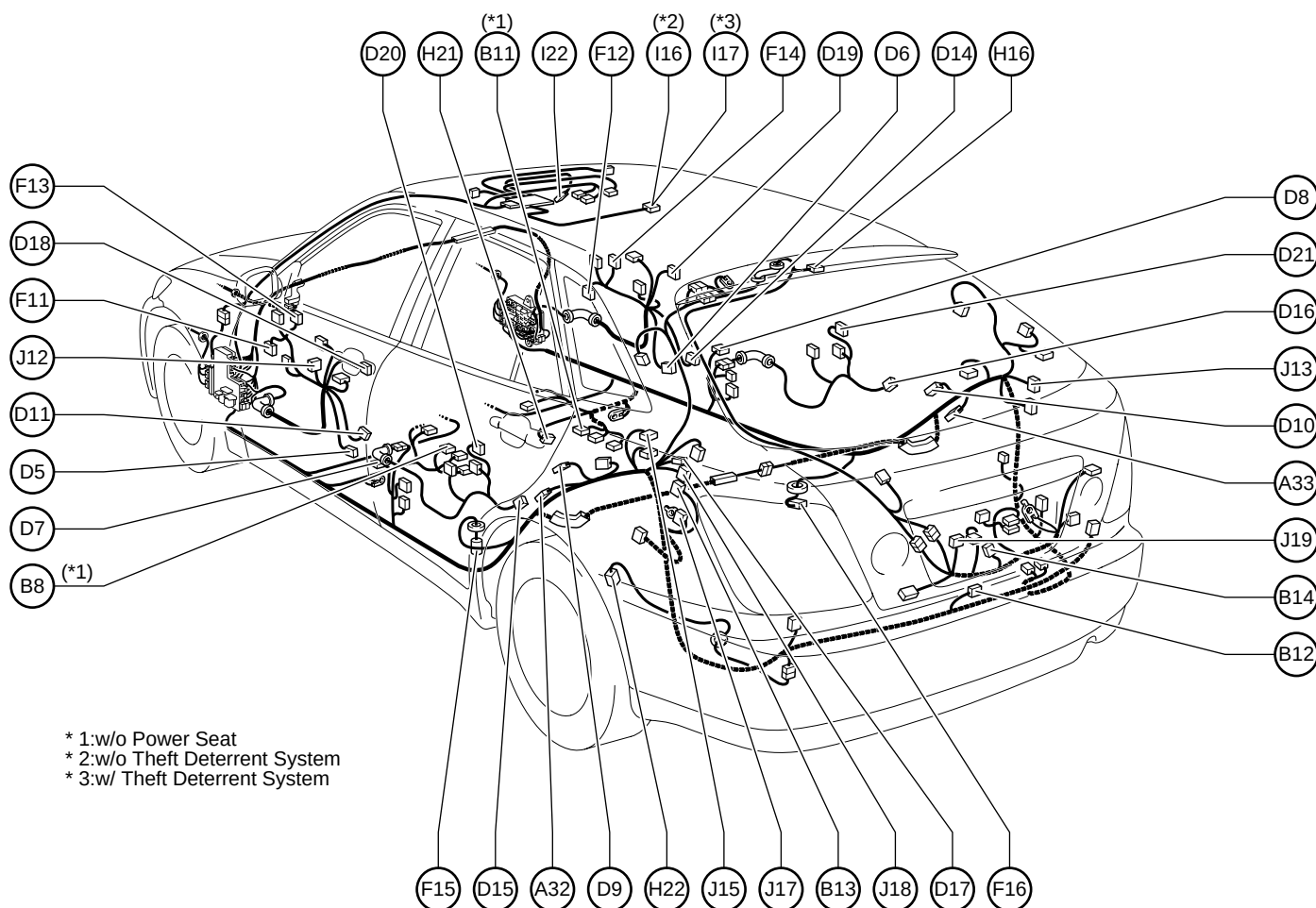
I 16 Interior Light
I 17 Interior Light
Radar Sensor
I 22 Inner Mirror

J 12 Junction Connector
J 13 Junction Connector
J 14 Junction Connector
J 15 Junction Connector
J 16 Junction Connector
J 17 Junction Connector

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : W/G]



A 32 ABS Speed Sensor Rear LH
A 33 ABS Speed Sensor Rear RH

B 8 Buckle SW LH
B 11 Buckle SW RH and
Seat Belt Warning Occupant Detection Sensor
B 12 Back Door Courtesy SW and Opener Motor
B 13 Back Door Opener Relay
B 14 Back Door Opener SW

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 Key Lock and Unlock SW Front LH
Door Lock Detection SW Front LH
Door Lock Motor Front LH
D 14 Door Lock Detection SW Front RH
Door Lock Motor Front RH
D 15 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
D 16 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
D 17 Diode (Luggage Compartment)
D 18 Door Lock Detection SW Front LH
Door Lock Motor Front LH
Double Lock Motor Front LH
Double Lock Position SW Front LH
D 19 Door Lock Detection SW Front RH
Door Lock Motor Front RH
Double Lock Motor Front RH
Double Lock Position SW Front RH

D 20 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
Double Lock Motor Rear LH
Double Lock Position SW Rear LH
D 21 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
Double Lock Motor Rear RH
Double Lock Position SW Rear RH

F 11 Front Door Speaker LH
F 12 Front Door Speaker RH
F 13 Front Door Tweeter Speaker LH
F 14 Front Door Tweeter Speaker RH
F 15 Fuel Pump
Fuel Sender
F 16 Fuel Sender (Sub)

H 16 High Mounted Stop Light
H 21 Heated Oxygen Sensor (Bank 2 Sensor 2)
H 22 Height Control Sensor Rear LH

I 16 Interior Light
I 17 Interior Light
Radar Sensor
I 22 Inner Mirror

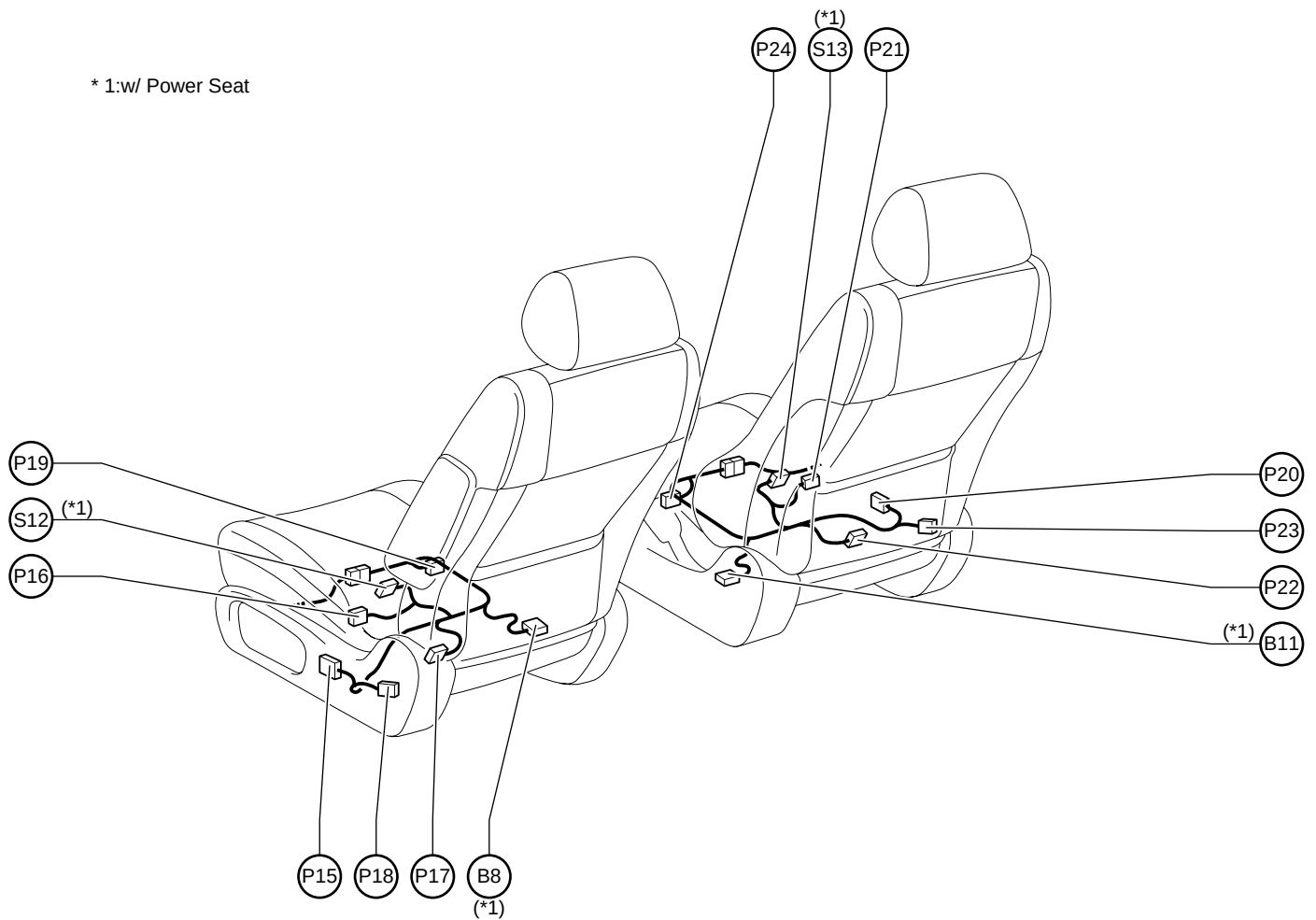
J 12 Junction Connector
J 13 Junction Connector
J 15 Junction Connector
J 17 Junction Connector
J 18 Junction Connector
J 19 Junction Connector

E ELECTRICAL WIRING ROUTING

Position of Parts in Seat

[LHD]

* 1:w/ Power Seat



B 8 Buckle SW LH
 B 11 Buckle SW RH and
 Seat Belt Warning Occupant Detection Sensor

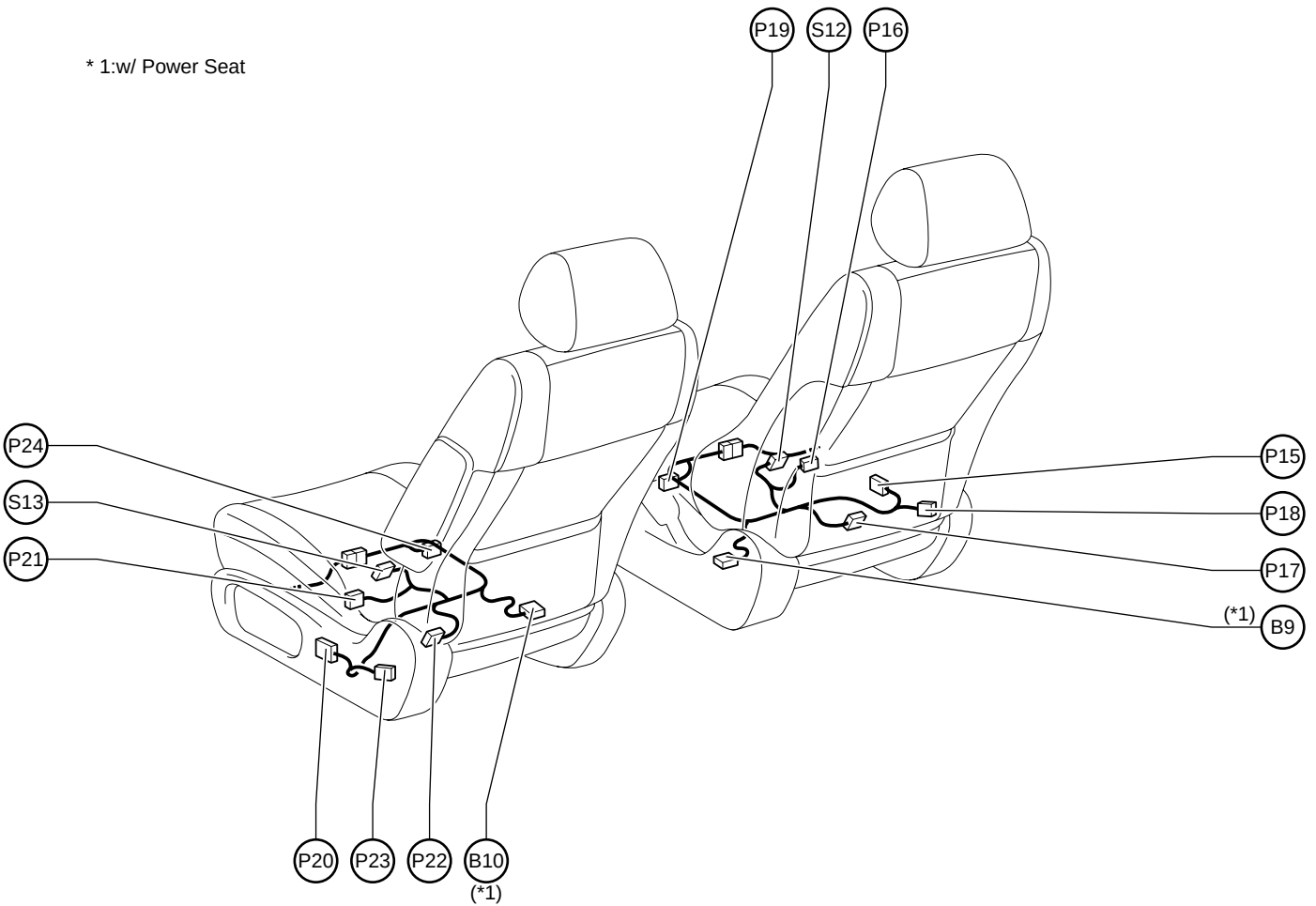
S12 Seat Heater (Driver's Seat)
 S13 Seat Heater (Passenger's Seat)

P15 Power Seat Control SW (Driver's Seat)
 P16 Power Seat Motor (Driver's Seat Front Vertical Control)
 P17 Power Seat Motor (Driver's Seat Rear Vertical Control)
 P18 Power Seat Motor (Driver's Seat Reclining Control)
 P19 Power Seat Motor (Driver's Seat Slide Control)
 P20 Power Seat Control SW (Front Passenger's Seat)
 P21 Power Seat Motor
 (Front Passenger's Seat Front Vertical Control)
 P22 Power Seat Motor
 (Front Passenger's Seat Rear Vertical Control)
 P23 Power Seat Motor
 (Front Passenger's Seat Reclining Control)
 P24 Power Seat Motor
 (Front Passenger's Seat Slide Control)

Position of Parts in Seat

[RHD]

* 1:w/ Power Seat



B 9 Buckle SW RH
 B10 Buckle SW LH and
 Seat Belt Warning Occupant Detection Sensor

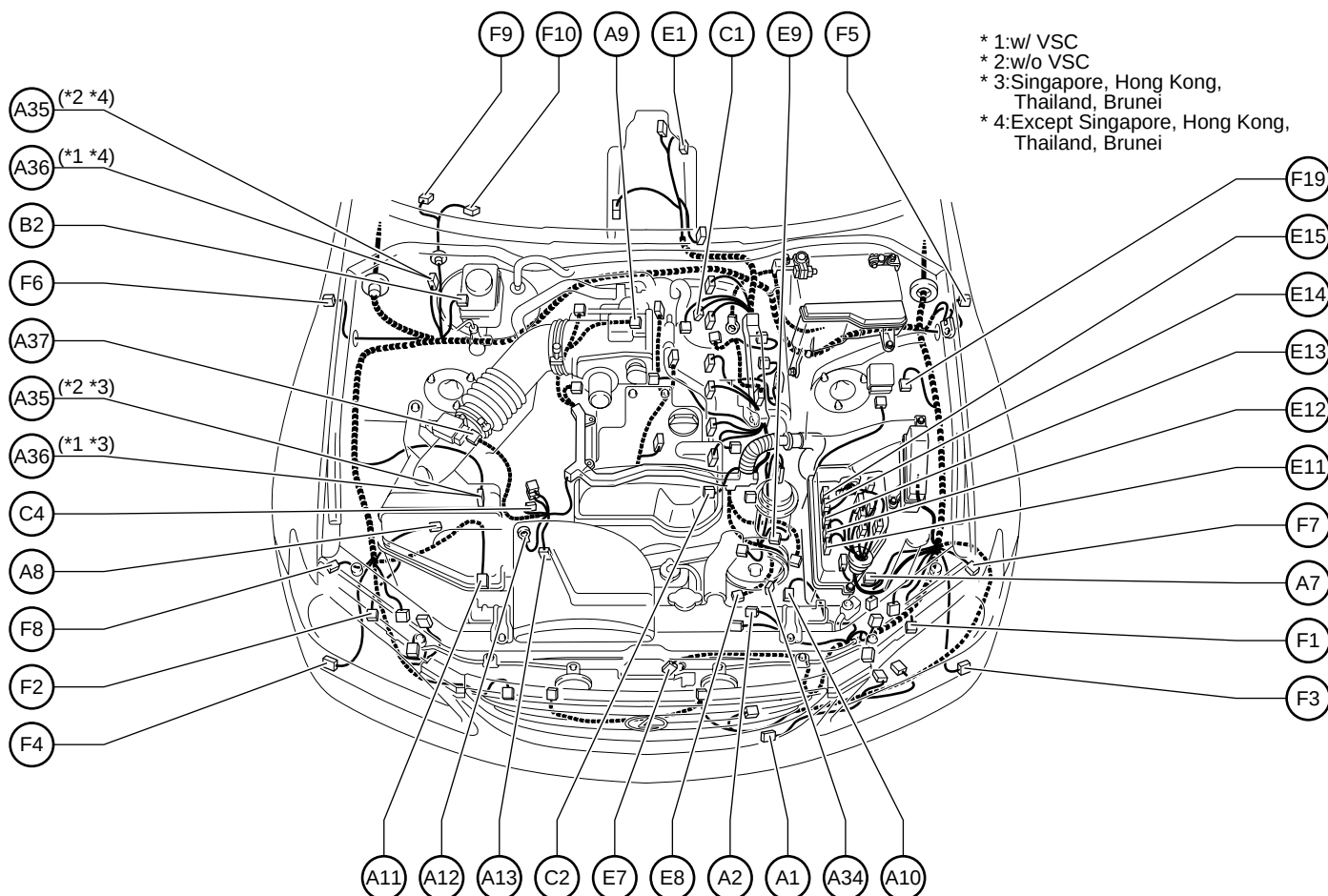
S12 Seat Heater (Driver's Seat)
 S13 Seat Heater (Passenger's Seat)

P15 Power Seat Control SW (Driver's Seat)
 P16 Power Seat Motor (Driver's Seat Front Vertical Control)
 P17 Power Seat Motor (Driver's Seat Rear Vertical Control)
 P18 Power Seat Motor (Driver's Seat Reclining Control)
 P19 Power Seat Motor (Driver's Seat Slide Control)
 P20 Power Seat Control SW (Front Passenger's Seat)
 P21 Power Seat Motor
 (Front Passenger's Seat Front Vertical Control)
 P22 Power Seat Motor
 (Front Passenger's Seat Rear Vertical Control)
 P23 Power Seat Motor
 (Front Passenger's Seat Reclining Control)
 P24 Power Seat Motor
 (Front Passenger's Seat Slide Control)

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 2JZ-GE]



- * 1:w/ VSC
- * 2:w/o VSC
- * 3:Singapore, Hong Kong, Thailand, Brunei
- * 4:Except Singapore, Hong Kong, Thailand, Brunei

- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Condenser Fan Motor
- A 7 ABS Speed Sensor Front LH
- A 8 ABS Speed Sensor Front RH
- A 9 Accel Position Sensor
- A10 Airbag Sensor Front LH
- A11 Airbag Sensor Front RH
- A12 Alternator
- A13 Alternator
- A34 A/C Magnetic Clutch and Lock Sensor
- A35 ABS & BA & TRC Actuator
- A36 ABS & BA & TRC & VSC Actuator
- A37 Air Flow Meter

- B 2 Brake Fluid Level Warning SW

- C 1 Camshaft Position Sensor
- C 2 Camshaft Timing Oil Control Valve
- C 4 Crankshaft Position Sensor

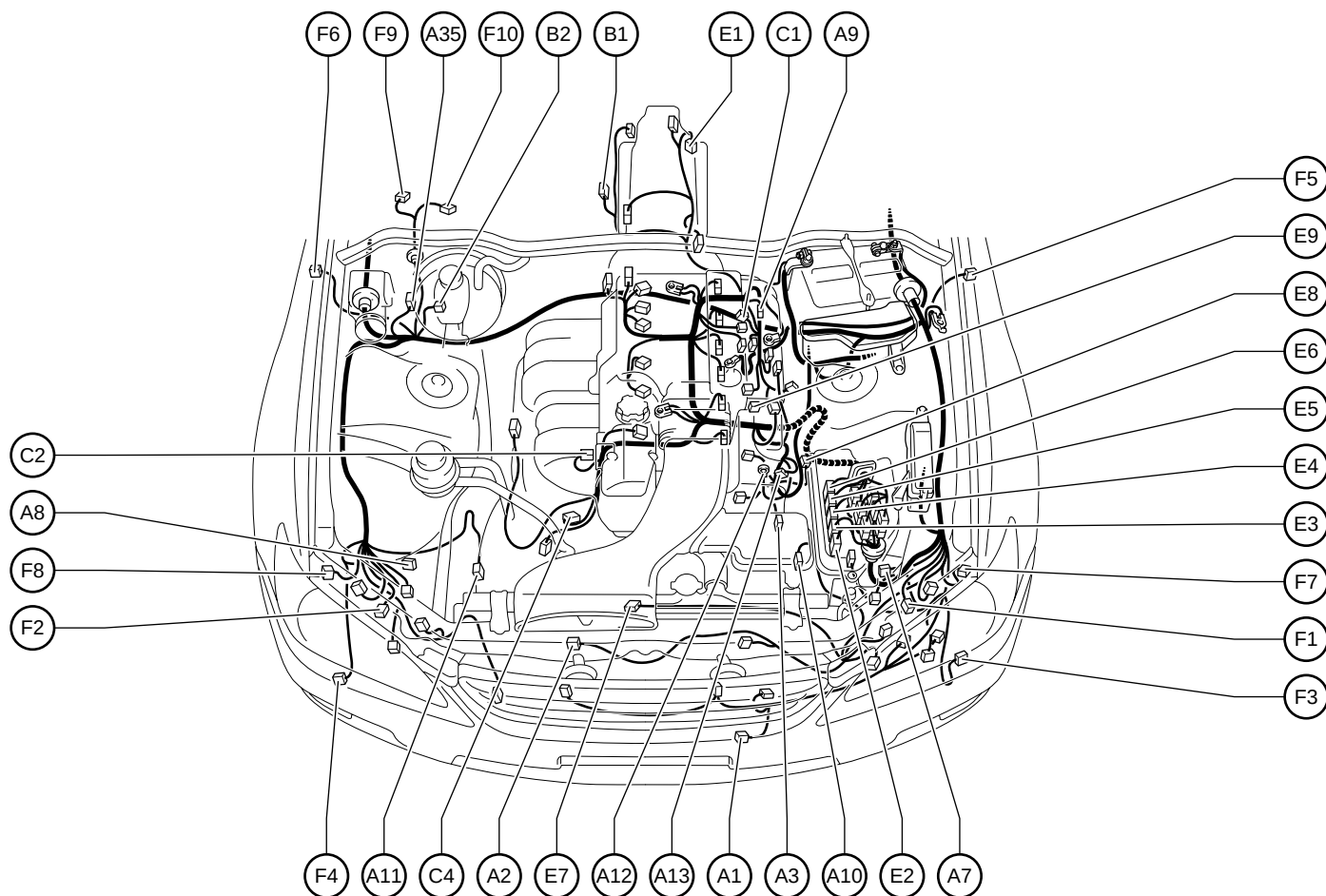
- E 1 ECT Solenoid
- E 7 Engine Hood Courtesy SW
- E 8 Engine Oil Level Sensor
- E 9 Engine Oil Pressure SW
- E11 Engine and ECT ECU
- E12 Engine and ECT ECU
- E13 Engine and ECT ECU
- E14 Engine and ECT ECU
- E15 Engine and ECT ECU

- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 3 Front Fog Light LH
- F 4 Front Fog Light RH
- F 5 Front Side Turn Signal Light LH
- F 6 Front Side Turn Signal Light RH
- F 7 Front Turn Signal Light LH
- F 8 Front Turn Signal Light RH
- F 9 Front Window Deicer
- F10 Front Wiper Motor
- F19 Fuel Pump Resistor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 1G-FE]



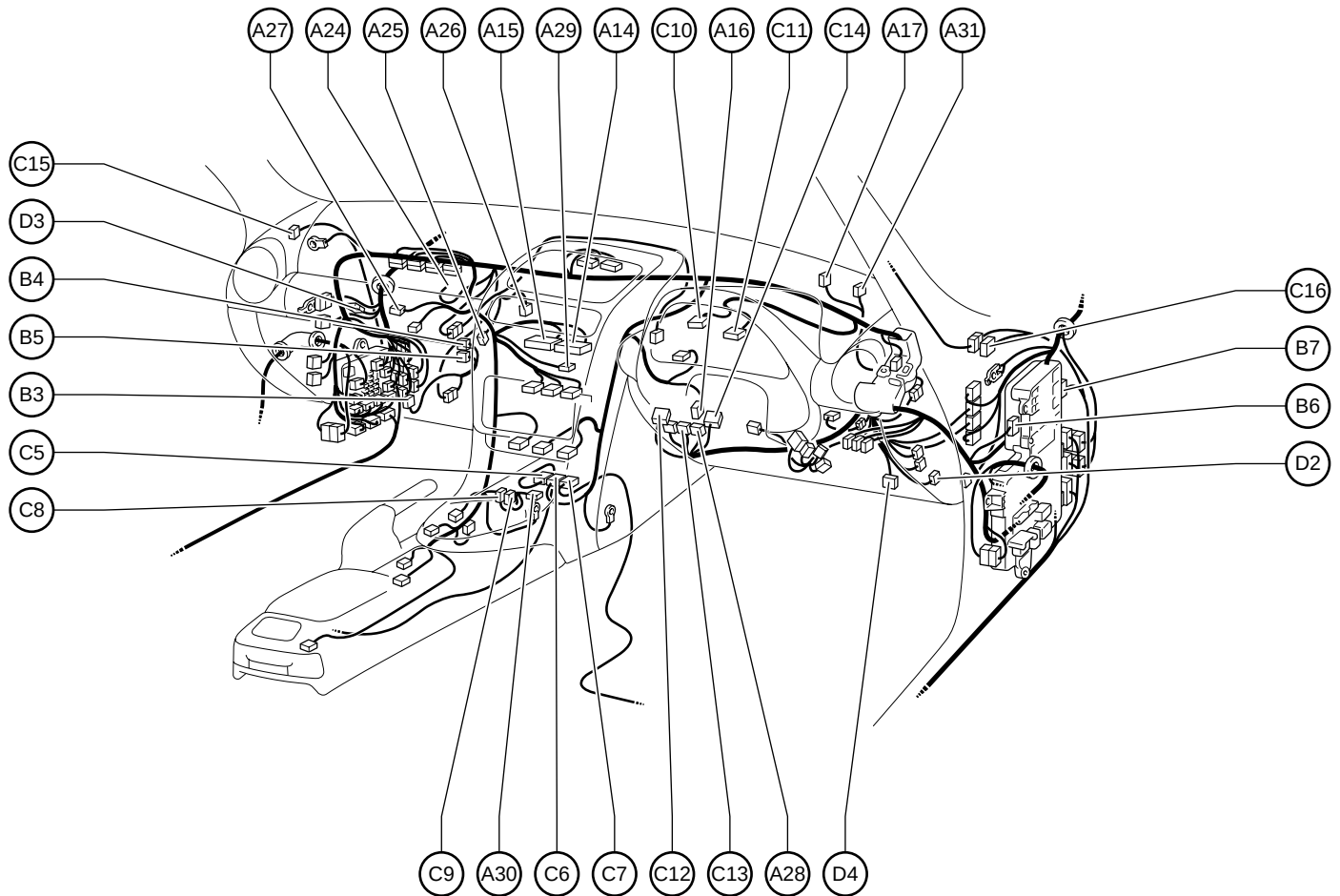
- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Condenser Fan Motor
- A 3 A/C Magnetic Clutch
- A 7 ABS Speed Sensor Front LH
- A 8 ABS Speed Sensor Front RH
- A 9 Accel Position Sensor
- A10 Airbag Sensor Front LH
- A11 Airbag Sensor Front RH
- A12 Alternator
- A13 Alternator
- A35 ABS & BA & TRC Actuator
- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW
- C 1 Camshaft Position Sensor
- C 2 Camshaft Timing Oil Control Valve
- C 4 Crankshaft Position Sensor

- E 1 ECT Solenoid
- E 2 Engine and ECT ECU (A/T)
Engine ECU (M/T)
- E 3 Engine and ECT ECU (A/T)
Engine ECU (M/T)
- E 4 Engine and ECT ECU (A/T)
- E 5 Engine and ECT ECU (A/T)
Engine ECU (M/T)
- E 6 Engine and ECT ECU (A/T)
Engine ECU (M/T)
- E 7 Engine Hood Courtesy SW
- E 8 Engine Oil Level Sensor
- E 9 Engine Oil Pressure SW
- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 3 Front Fog Light LH
- F 4 Front Fog Light RH
- F 5 Front Side Turn Signal Light LH
- F 6 Front Side Turn Signal Light RH
- F 7 Front Turn Signal Light LH
- F 8 Front Turn Signal Light RH
- F 9 Front Window Deicer
- F10 Front Wiper Motor

E ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel

[RHD]



A14 A/C Control Assembly
 A15 A/C Control Assembly
 A16 A/C Room Temp. Sensor
 A17 A/C Solar Sensor
 A24 Air Inlet Control Servo Motor
 A25 Air Mix Control Servo Motor
 A26 Air Vent Mode Control Servo Motor
 A27 Airbag Squib (Front Passenger Airbag Assembly)
 A28 Airbag Squib (Steering Wheel Pad)
 A29 Antenna Amplifier
 A30 Ashtray Illumination
 A31 Automatic Light Control Sensor

B 3 Blower Motor
 B 4 Blower Motor Controller
 B 5 Blower Motor Controller
 B 6 Body ECU
 B 7 Body ECU

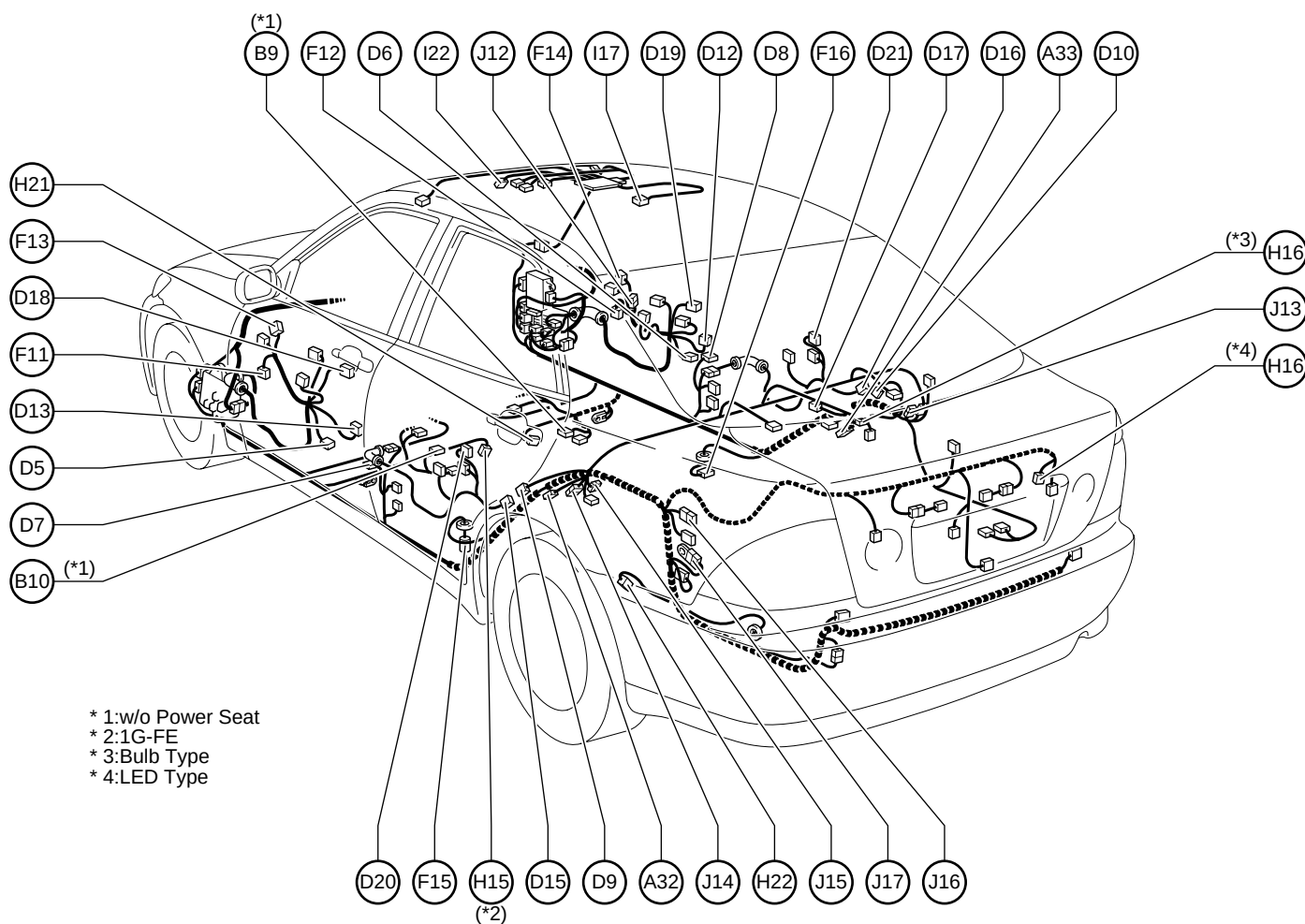
C 5 Center Airbag Sensor Assembly
 C 6 Center Airbag Sensor Assembly
 C 7 Center Airbag Sensor Assembly
 C 8 Cigarette Lighter
 C 9 Cigarette Lighter Illumination
 C10 Combination Meter
 C11 Combination Meter
 C12 Combination SW
 C13 Combination SW
 C14 Combination SW
 C15 Curtain Shield Airbag Squib LH
 C16 Curtain Shield Airbag Squib RH

D 2 Double Locking ECU
 D 3 Diode (A/C)
 D 4 DLC3

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD : S/D]



- * 1:w/o Power Seat
- * 2:1G-FE
- * 3:Bulb Type
- * 4:LED Type

A 32 ABS Speed Sensor Rear LH
A 33 ABS Speed Sensor Rear RH

B 9 Buckle SW RH
B 10 Buckle SW LH and
Seat Belt Warning Occupant Detection Sensor

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 12 Door Key Lock and Unlock SW Front RH
Door Lock Detection SW Front RH
Door Lock Motor Front RH
D 13 Door Lock Detection SW Front LH
Door Lock Motor Front LH
D 15 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
D 16 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
D 17 Diode (Luggage Compartment)
D 18 Door Lock Detection SW Front LH
Door Lock Motor Front LH
Double Lock Motor Front LH
Double Lock Position SW Front LH
D 19 Door Lock Detection SW Front RH
Door Lock Motor Front RH
Double Lock Motor Front RH
Double Lock Position SW Front RH
D 20 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
Double Lock Motor Rear LH
Double Lock Position SW Rear LH

D 21 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
Double Lock Motor Rear RH
Double Lock Position SW Rear RH

F 11 Front Door Speaker LH
F 12 Front Door Speaker RH
F 13 Front Door Tweeter Speaker LH
F 14 Front Door Tweeter Speaker RH
F 15 Fuel Pump
Fuel Sender
F 16 Fuel Sender (Sub)

H 15 Heated Oxygen Sensor (Bank 1 Sensor 2)
H 16 High Mounted Stop Light
H 21 Heated Oxygen Sensor (Bank 2 Sensor 2)
H 22 Height Control Sensor Rear LH

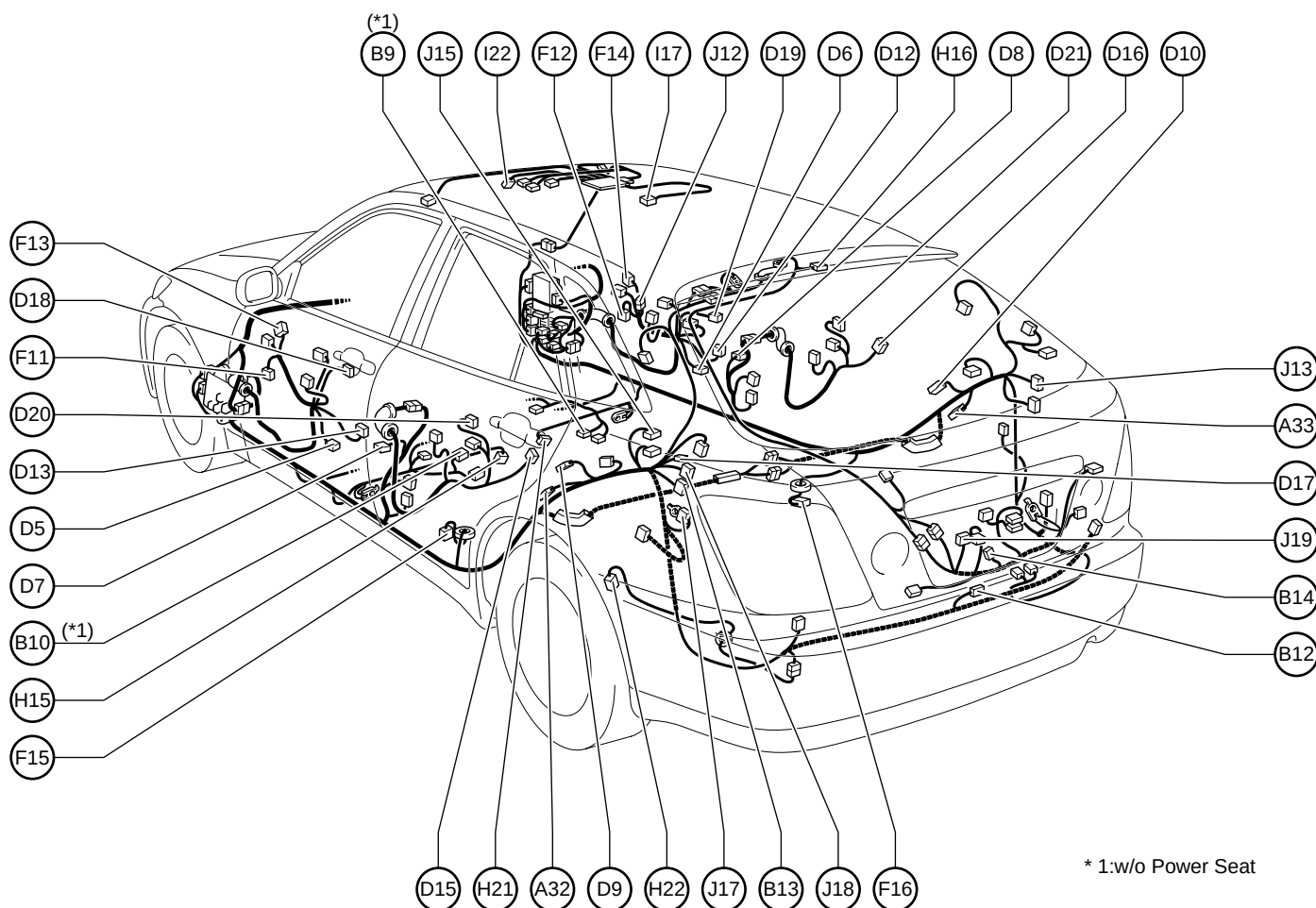
I 17 Interior Light
Radar Sensor
I 22 Inner Mirror

J 12 Junction Connector
J 13 Junction Connector
J 14 Junction Connector
J 15 Junction Connector
J 16 Junction Connector
J 17 Junction Connector

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD : W/G]



A 32 ABS Speed Sensor Rear LH
A 33 ABS Speed Sensor Rear RH

B 9 Buckle SW RH
B 10 Buckle SW LH and
Seat Belt Warning Occupant Detection Sensor
B 12 Back Door Courtesy SW and Opener Motor
B 13 Back Door Opener Relay
B 14 Back Door Opener SW

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 12 Door Key Lock and Unlock SW Front RH
Door Lock Detection SW Front RH
Door Lock Motor Front RH
D 13 Door Lock Detection SW Front LH
Door Lock Motor Front LH
D 15 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
D 16 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
D 17 Diode (Luggage Compartment)
D 18 Door Lock Detection SW Front LH
Door Lock Motor Front LH
Double Lock Motor Front LH
Double Lock Position SW Front LH
D 19 Door Lock Detection SW Front RH
Door Lock Motor Front RH
Double Lock Motor Front RH
Double Lock Position SW Front RH

D 20 Door Lock Detection SW Rear LH
Door Lock Motor Rear LH
Double Lock Motor Rear LH
Double Lock Position SW Rear LH
D 21 Door Lock Detection SW Rear RH
Door Lock Motor Rear RH
Double Lock Motor Rear RH
Double Lock Position SW Rear RH

F 11 Front Door Speaker LH
F 12 Front Door Speaker RH
F 13 Front Door Tweeter Speaker LH
F 14 Front Door Tweeter Speaker RH
F 15 Fuel Pump
Fuel Sender
F 16 Fuel Sender (Sub)

H 15 Heated Oxygen Sensor (Bank 1 Sensor 2)
H 16 High Mounted Stop Light
H 21 Heated Oxygen Sensor (Bank 2 Sensor 2)
H 22 Height Control Sensor Rear LH

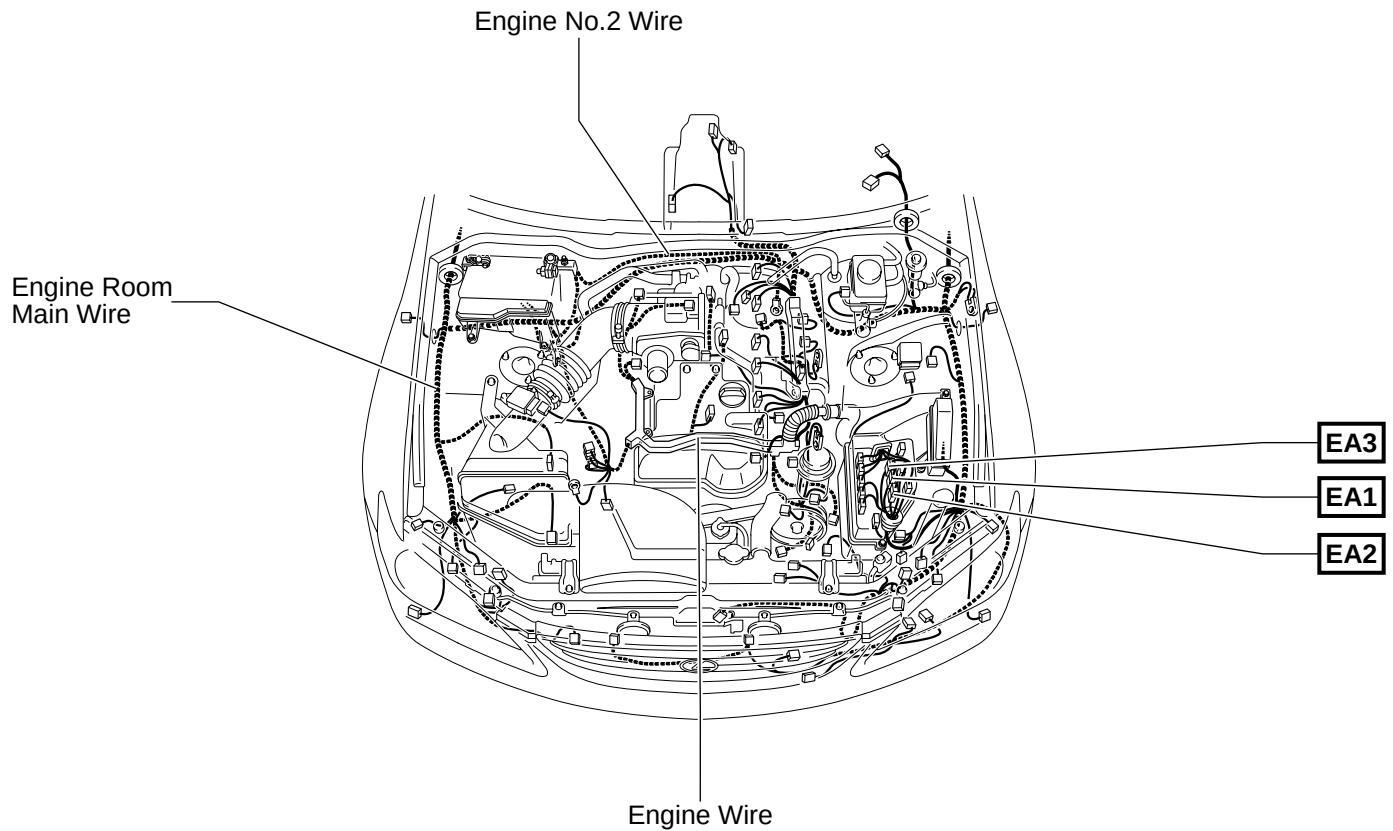
I 17 Interior Light
Radar Sensor
I 22 Inner Mirror

J 12 Junction Connector
J 13 Junction Connector
J 15 Junction Connector
J 17 Junction Connector
J 18 Junction Connector
J 19 Junction Connector

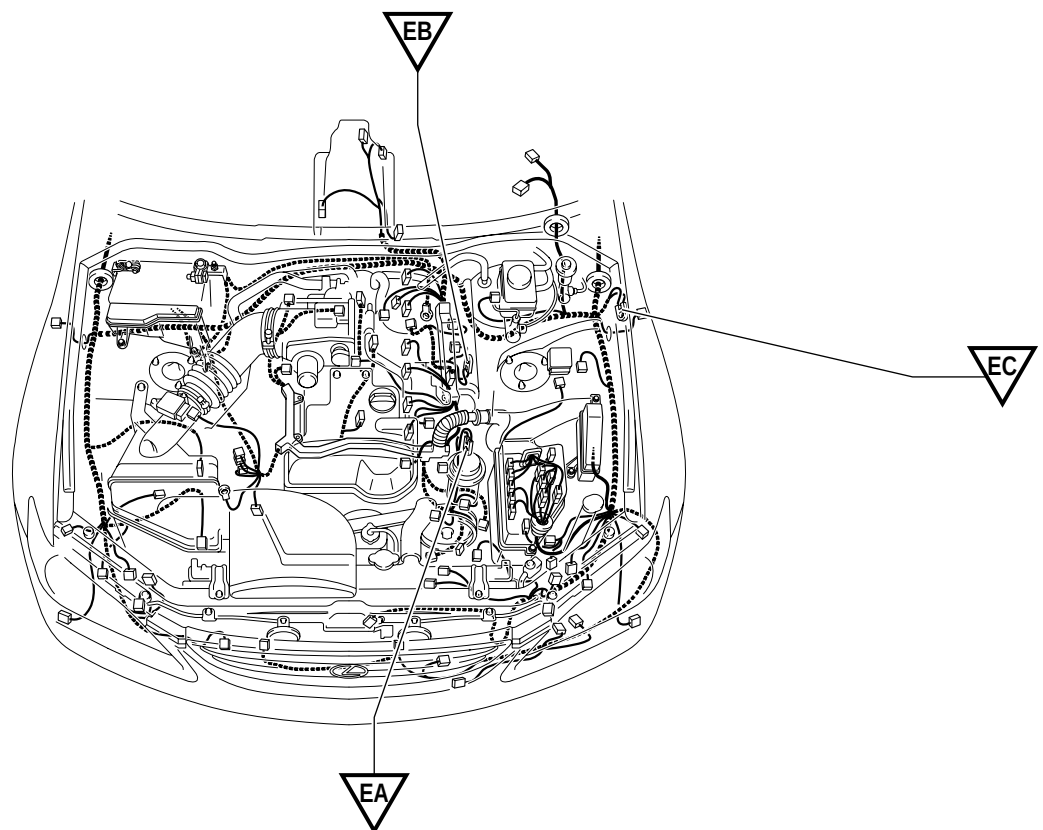
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : 2JZ-GE]



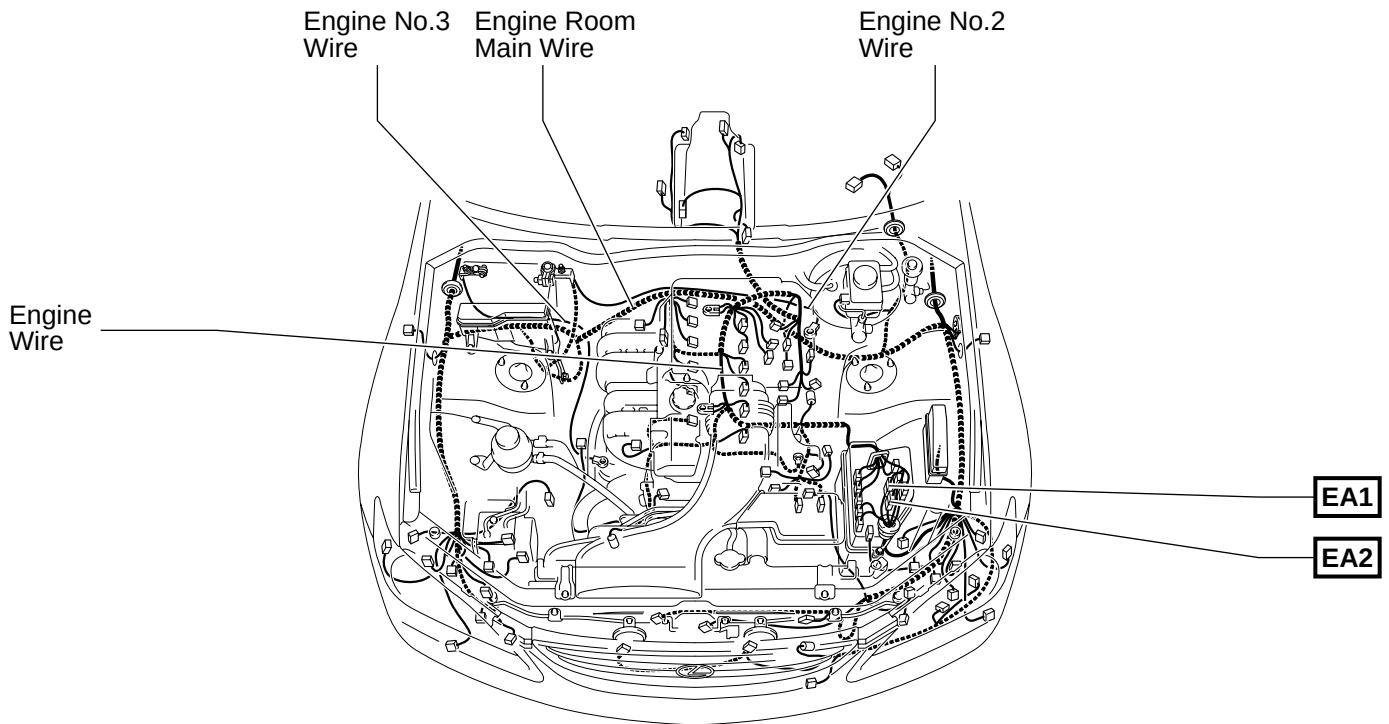
▽ : Location of Ground Points



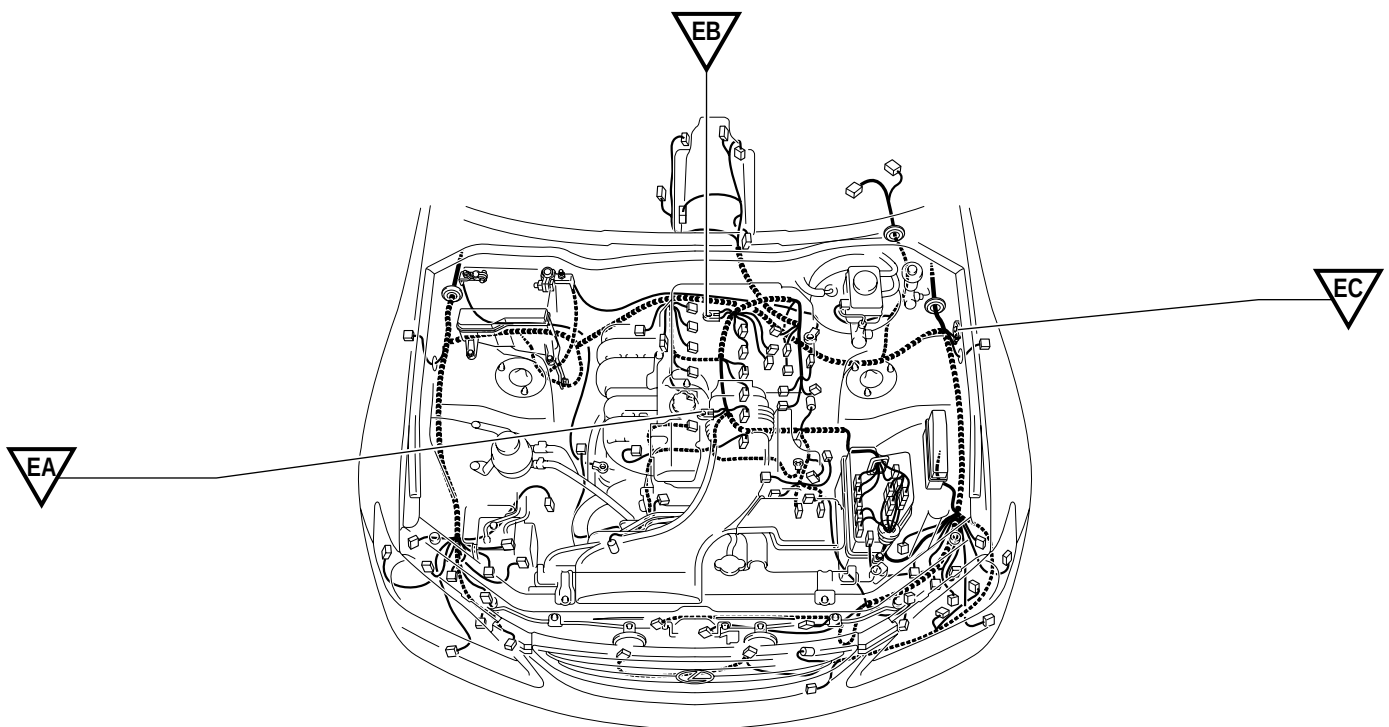
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : 1G-FE]



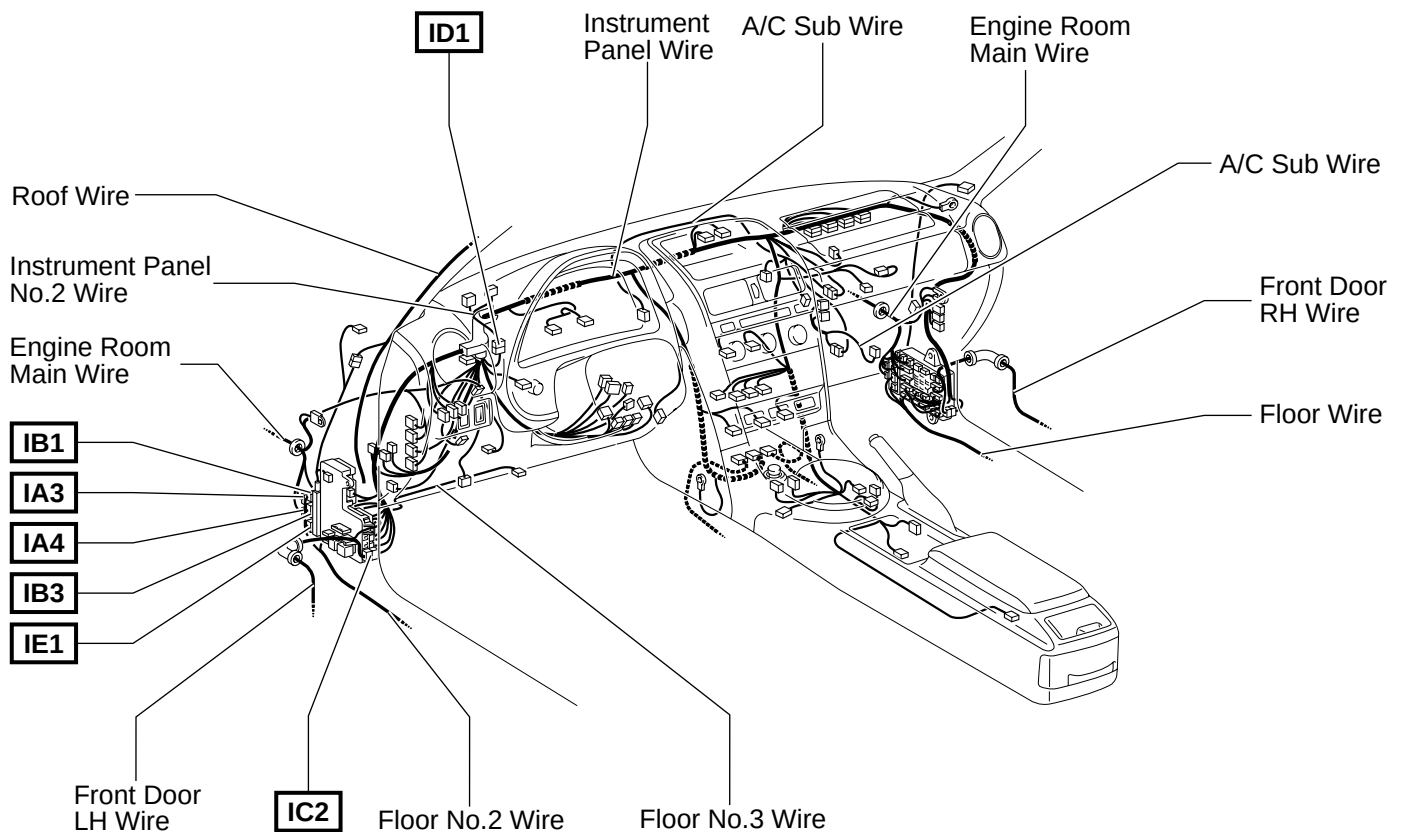
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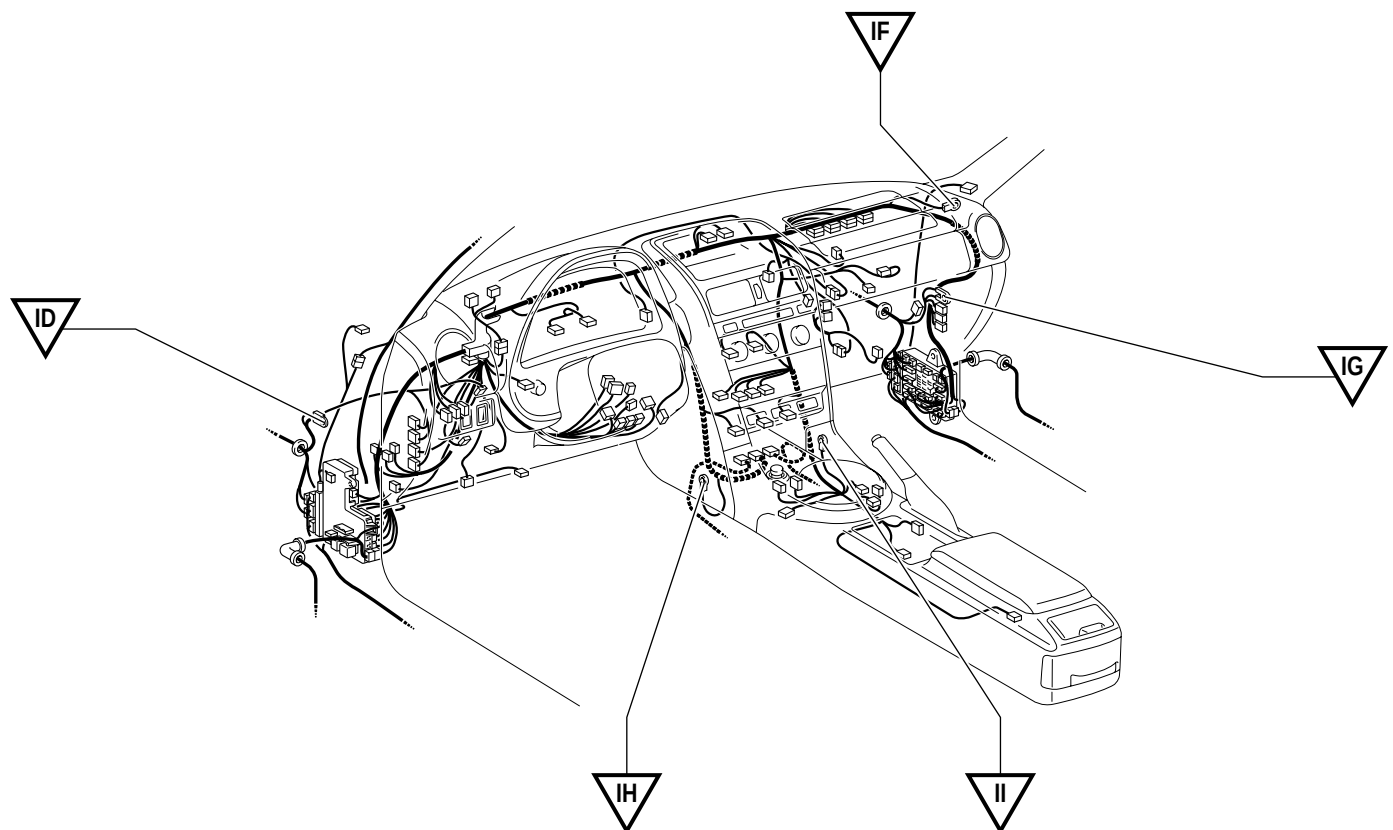
E ELECTRICAL WIRING ROUTING

 : Location of Connector Joining Wire Harness and Wire Harness

[LHD]



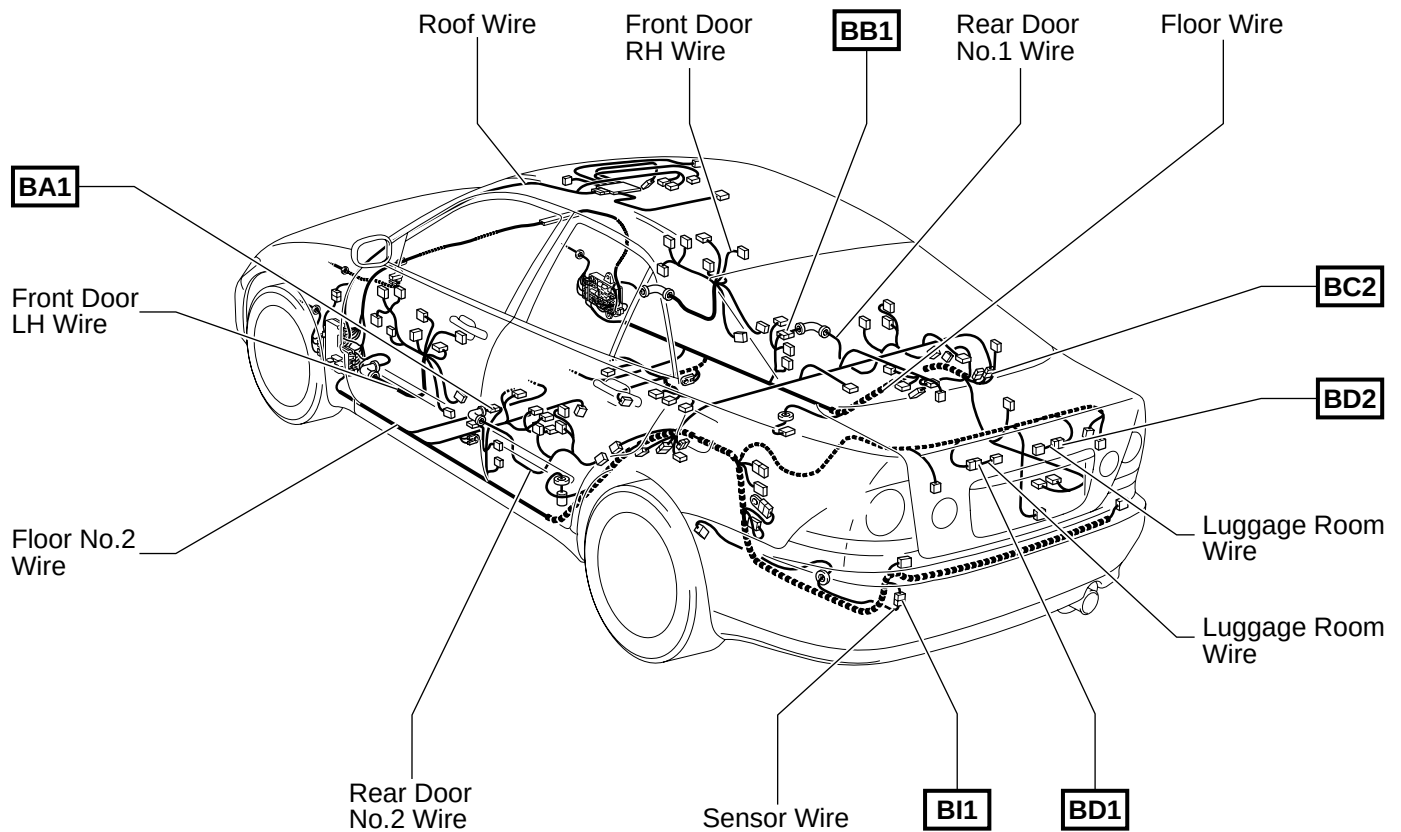
▽ : Location of Ground Points



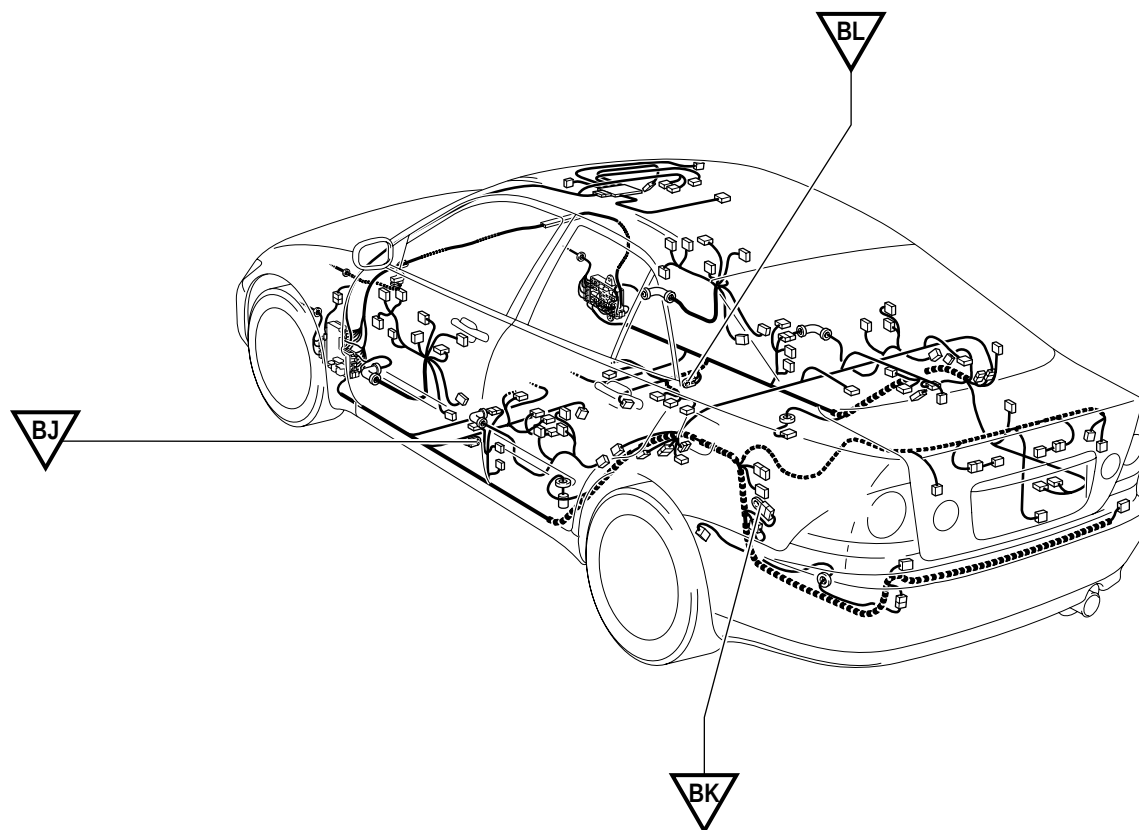
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : S/D]



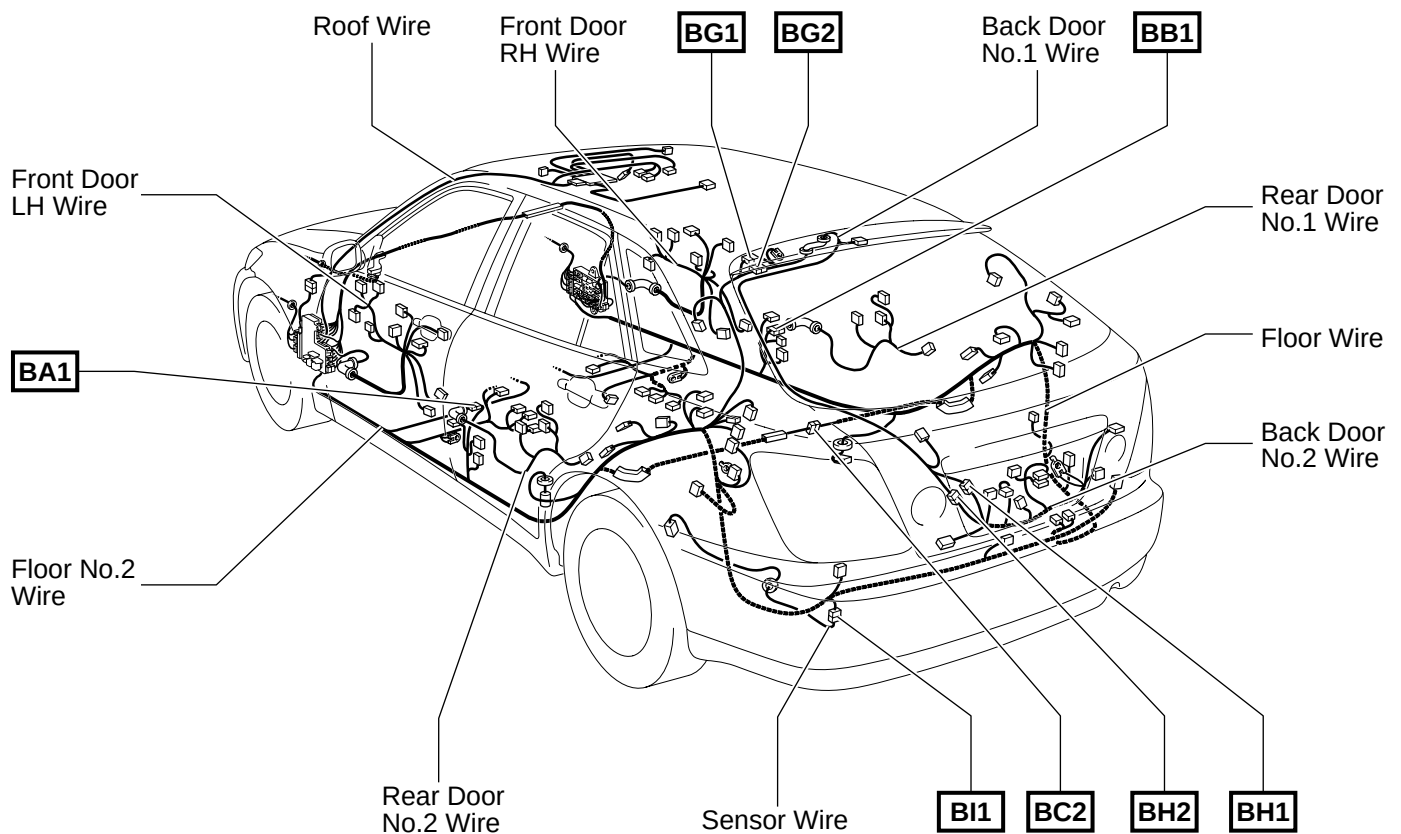
▽ : Location of Ground Points



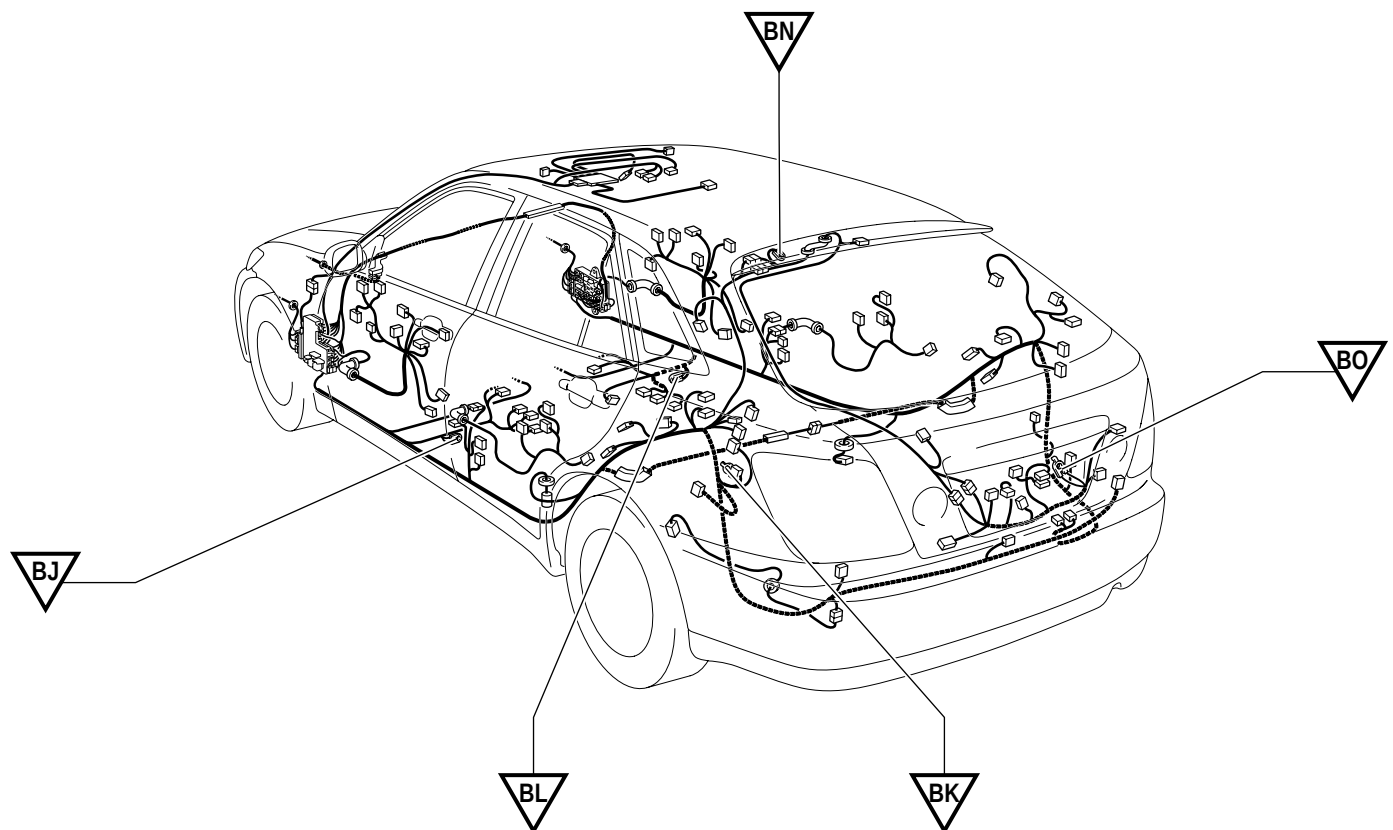
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : W/G]



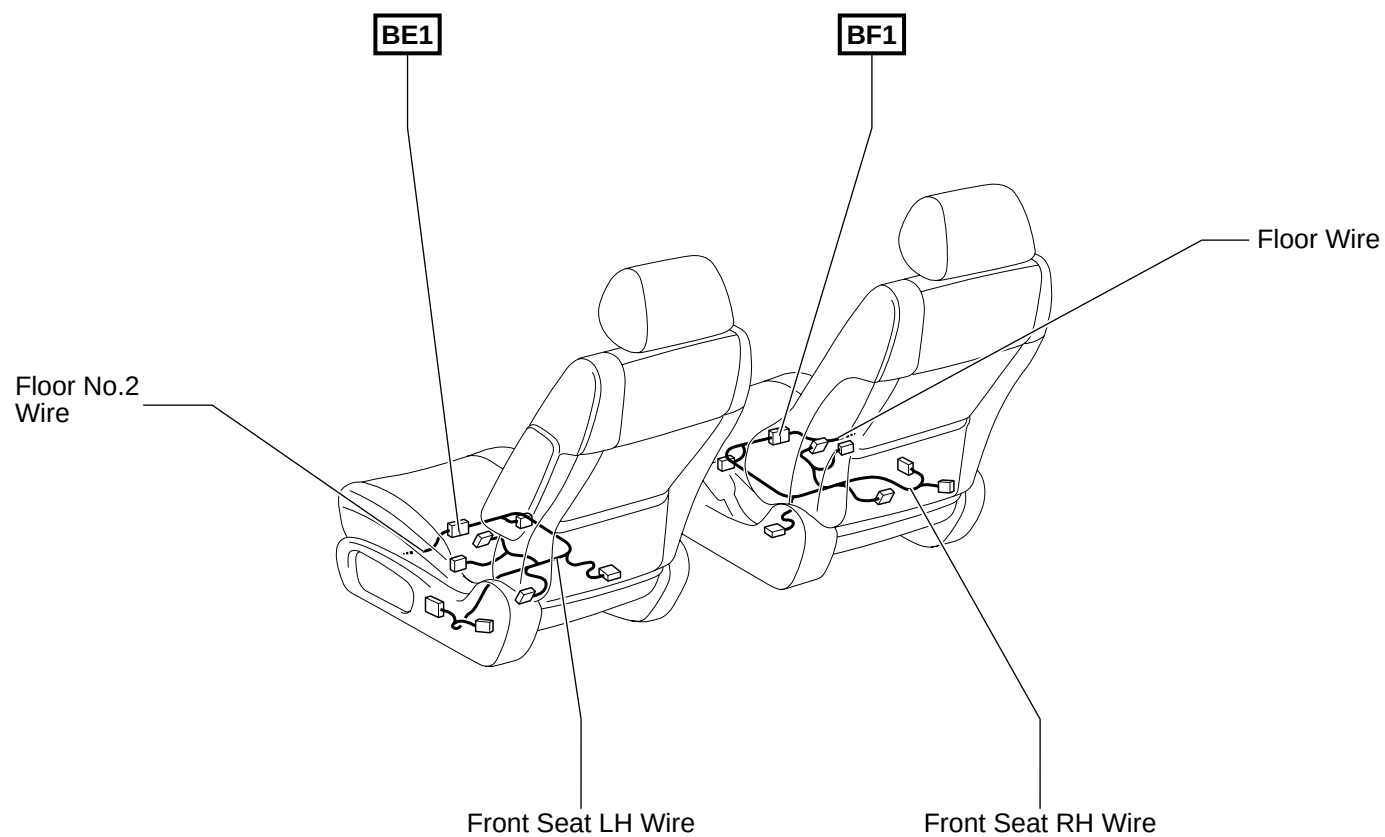
▽ : Location of Ground Points



E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

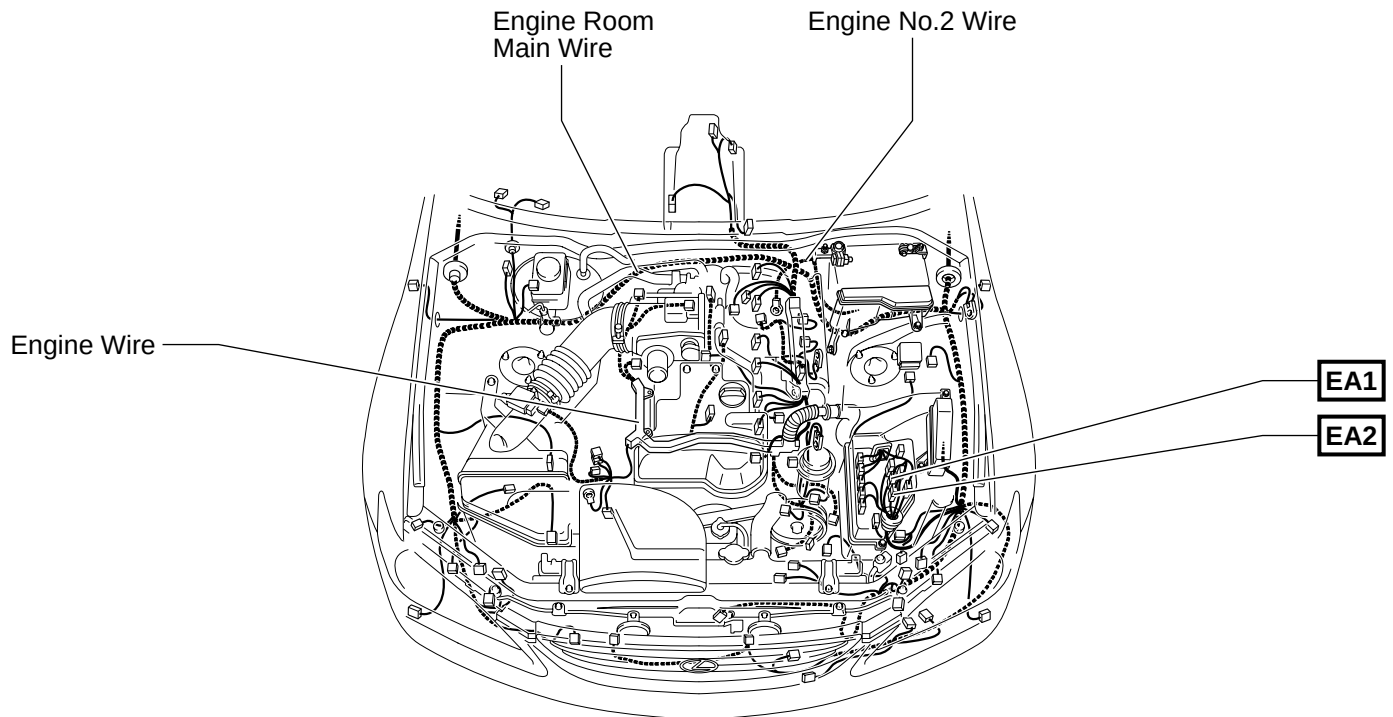
[LHD]



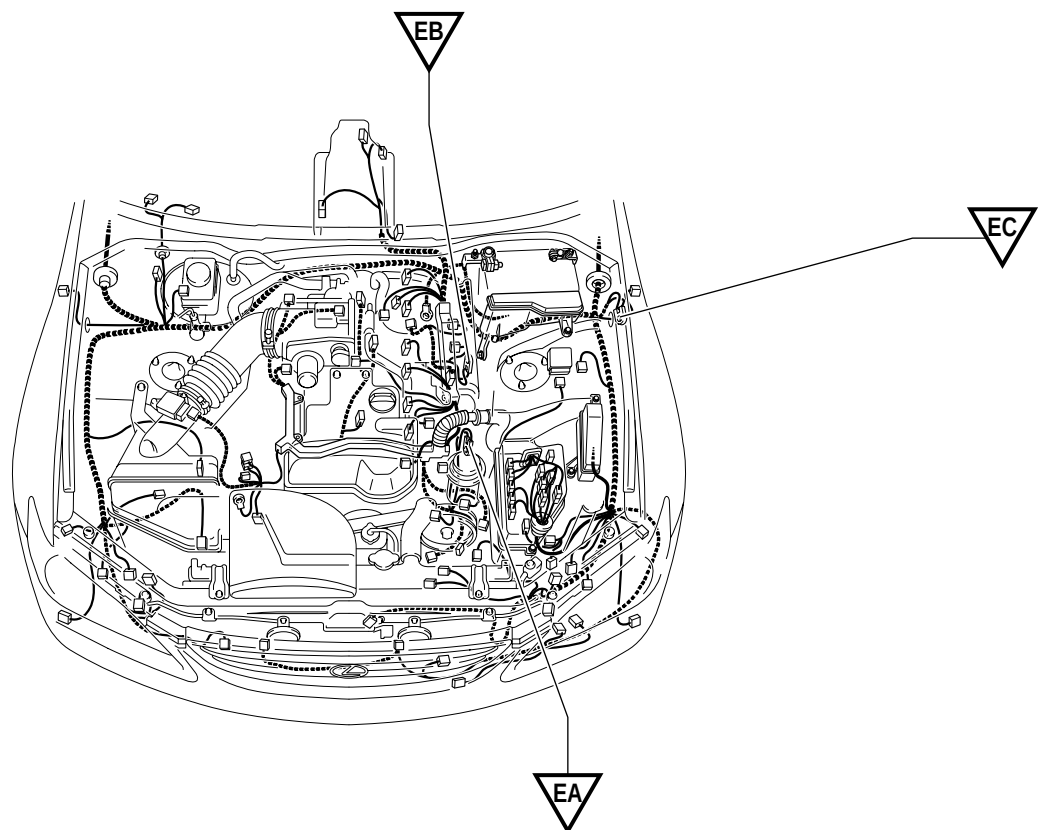
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : 2JZ-GE]



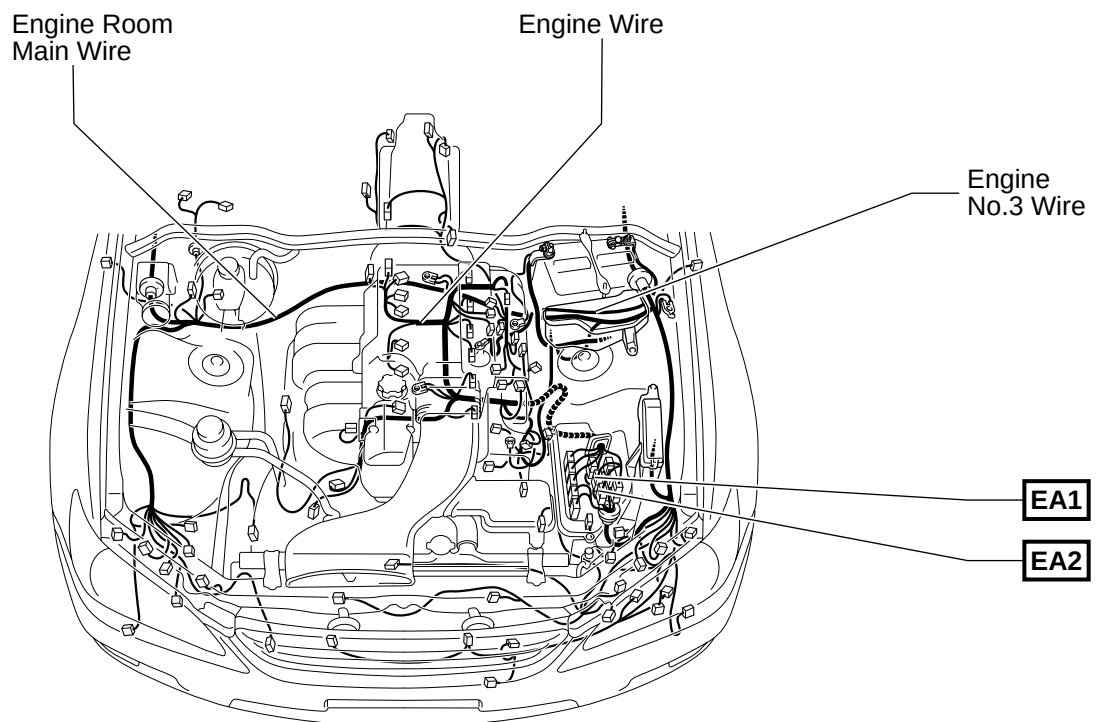
▽ : Location of Ground Points



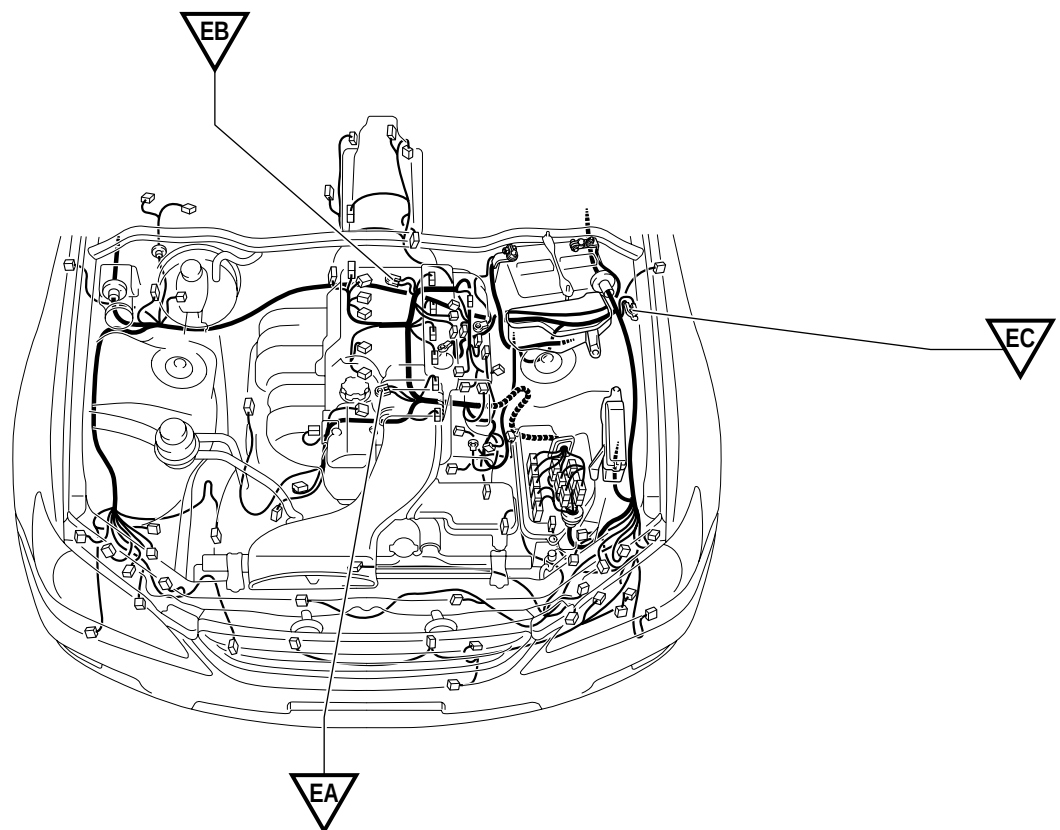
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : 1G-FE]



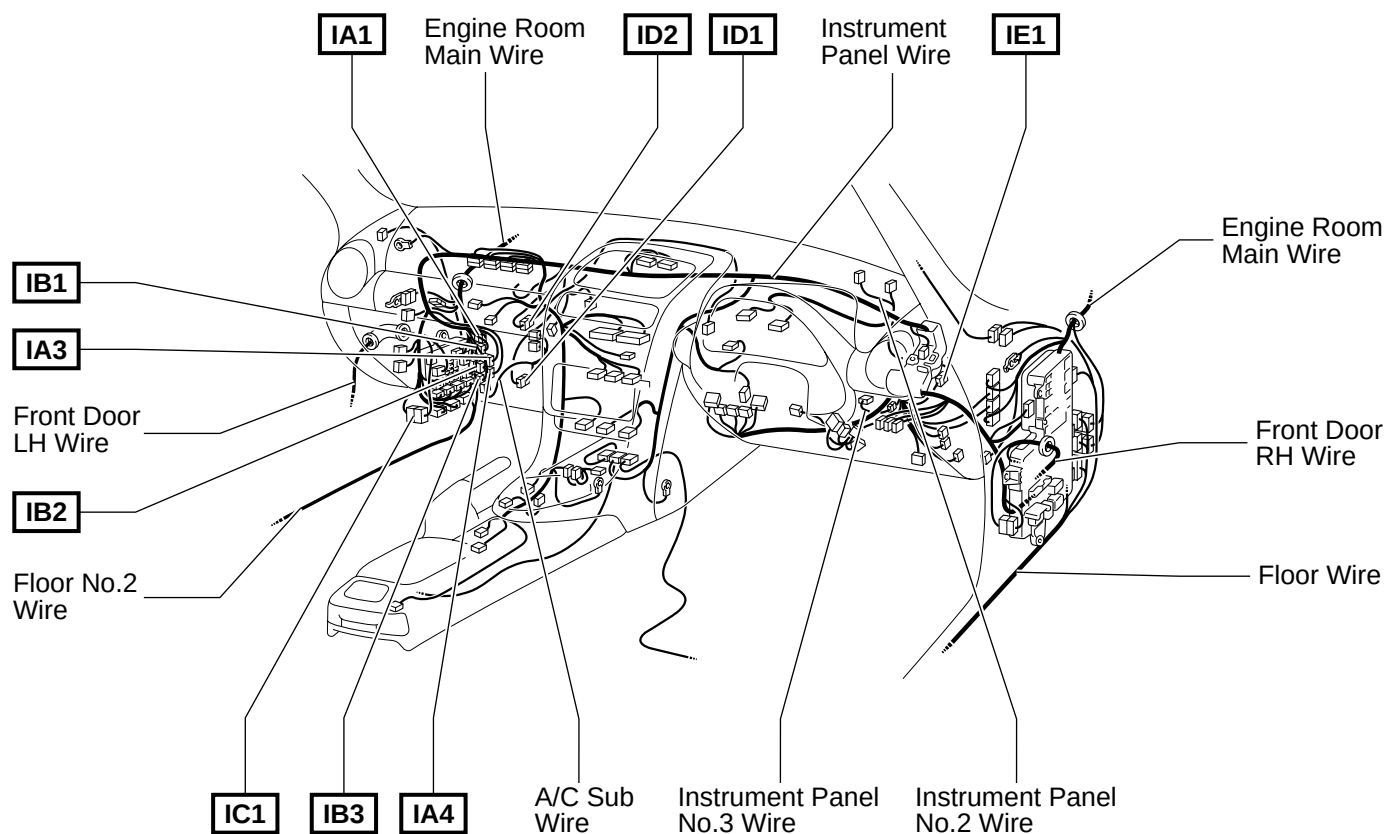
▽ : Location of Ground Points



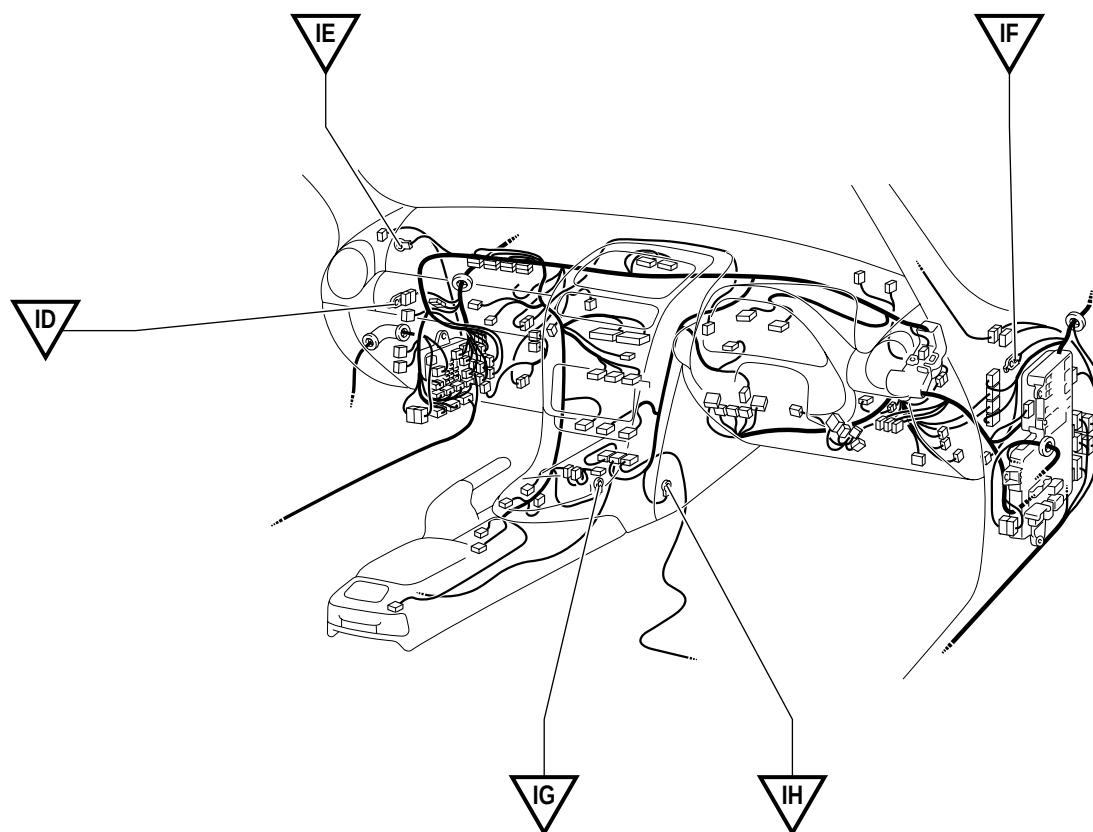
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]



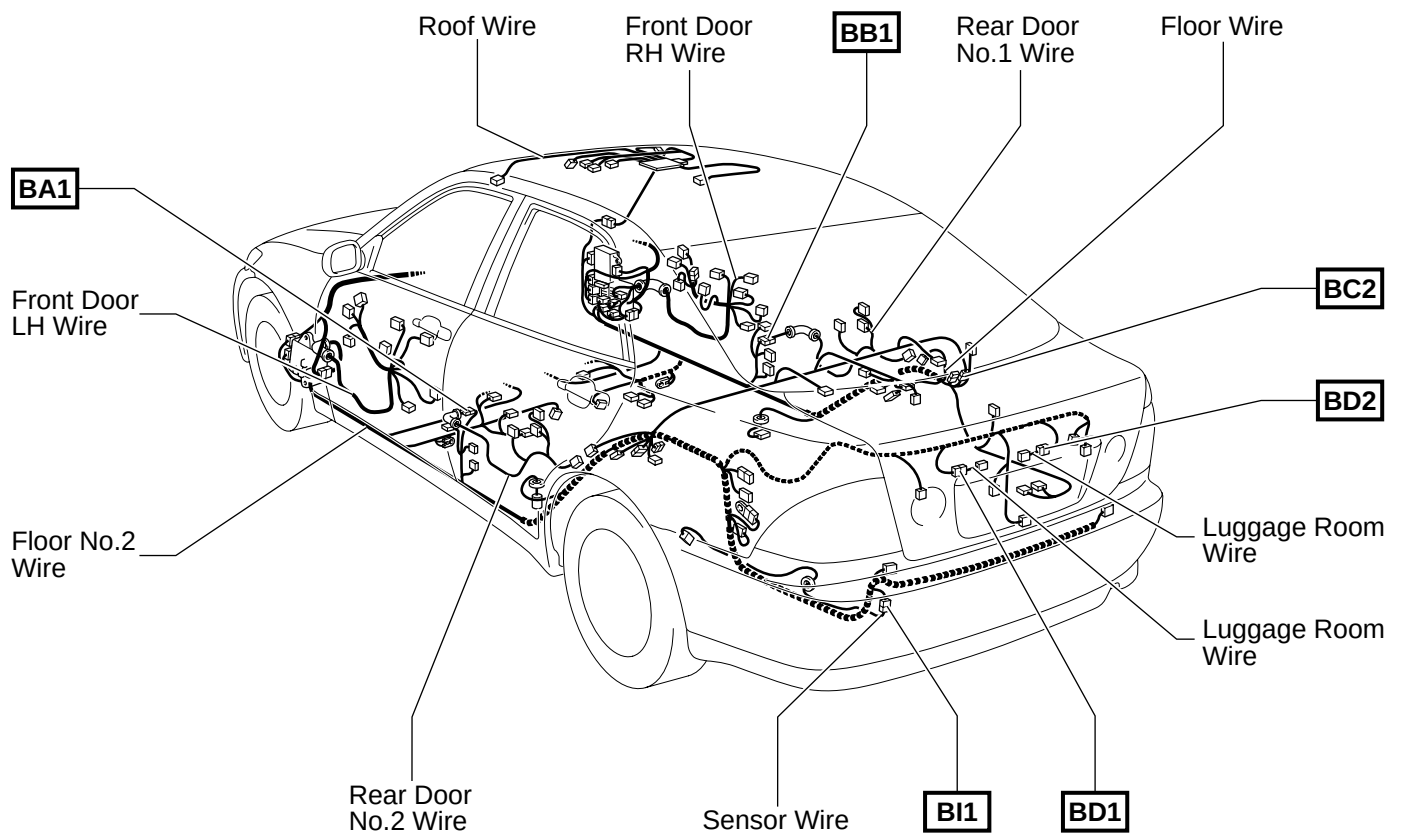
▽ : Location of Ground Points



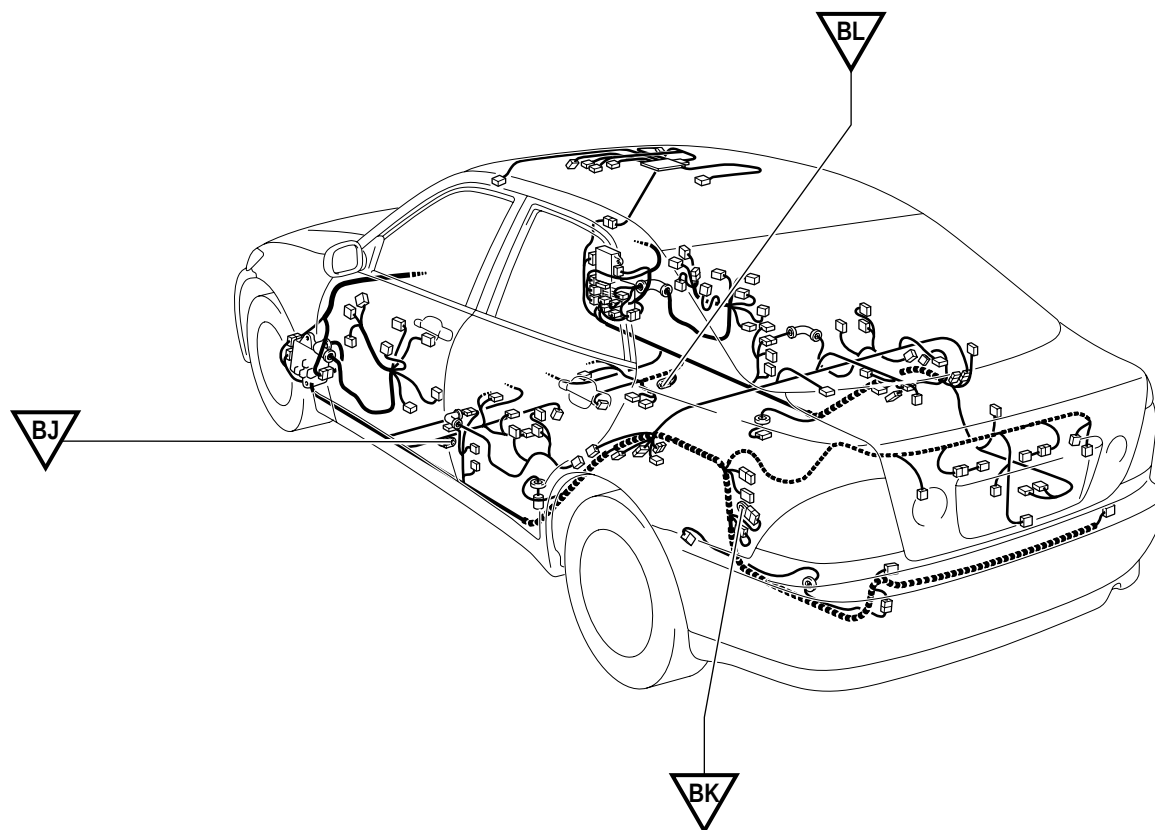
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : S/D]



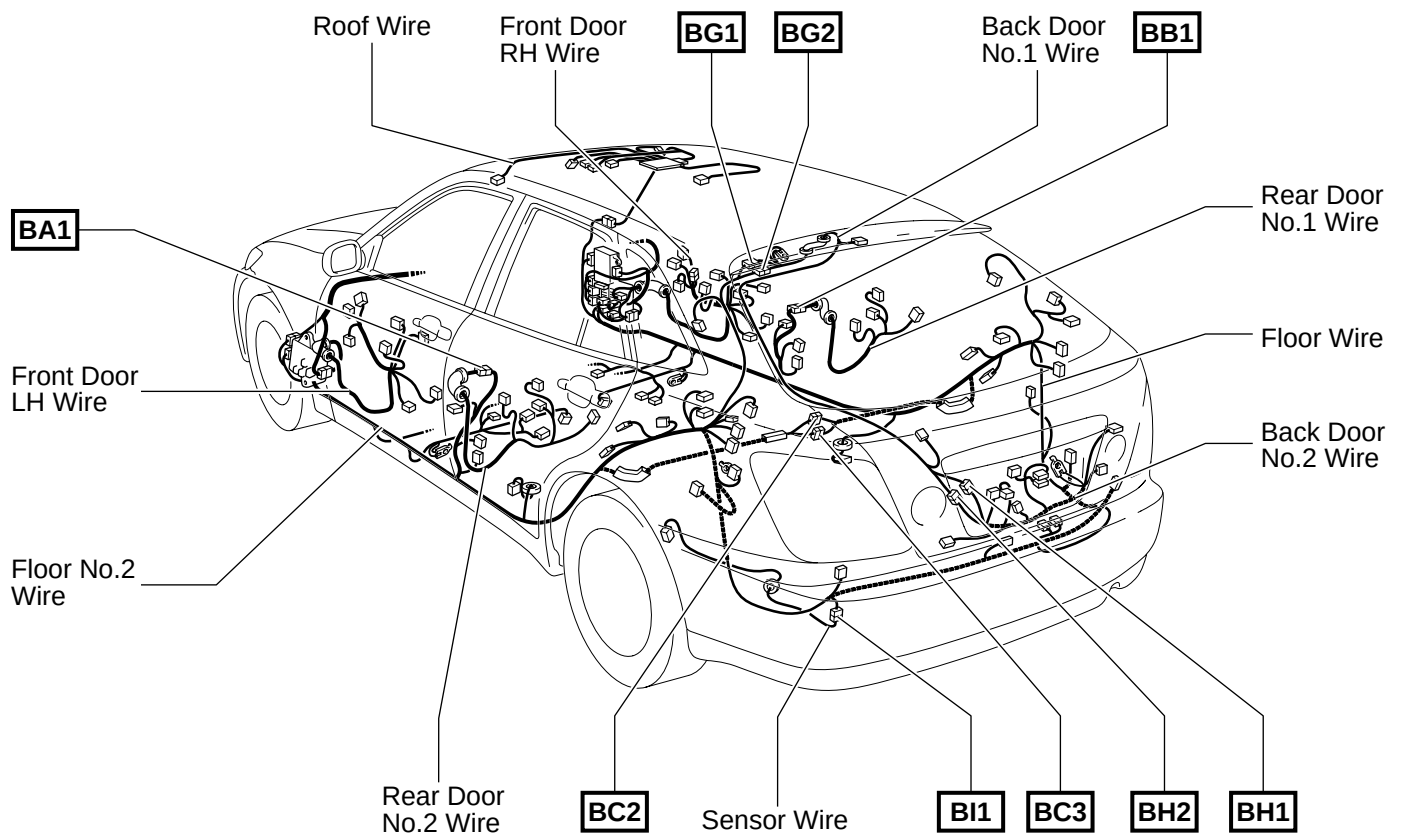
▽ : Location of Ground Points



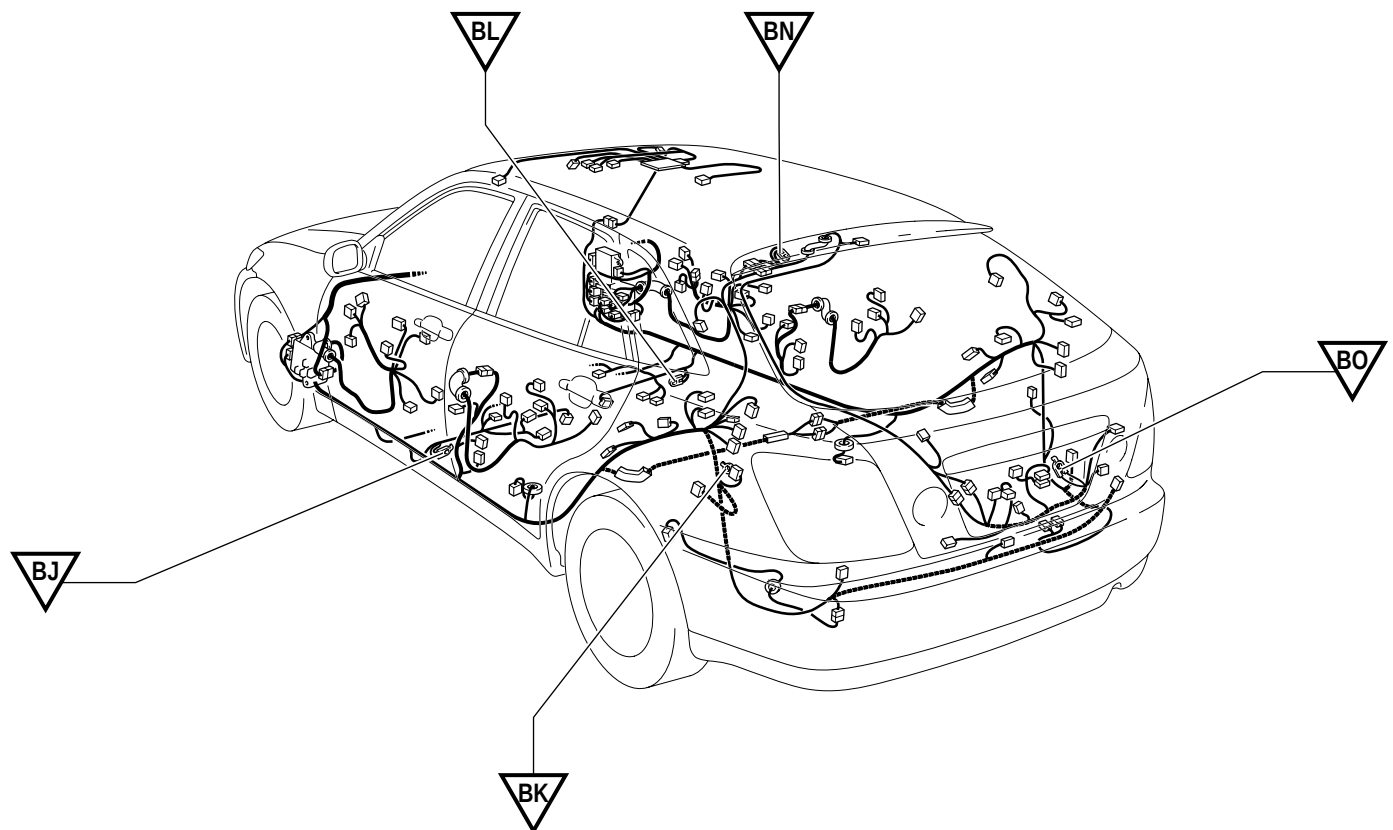
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : W/G]



▽ : Location of Ground Points



E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]

