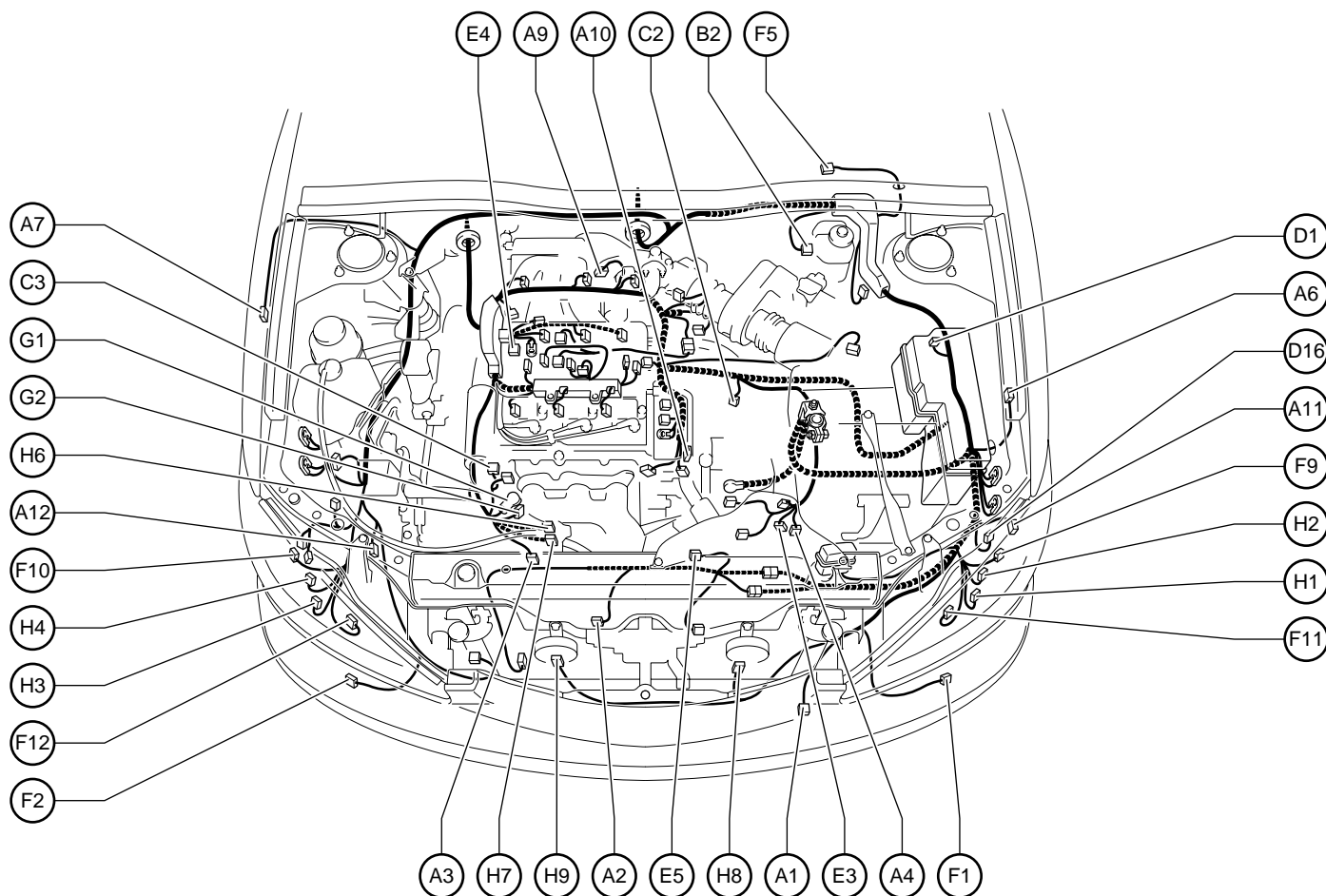


G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[1MZ-FE, 3MZ-FE]



A 1 A/C Ambient Temp. Sensor

A 2 A/C Condenser Fan Motor

A 3 A/C Lock Sensor

A/C Magnetic Clutch

A 4 A/T Indicator Light SW

Back-Up Light SW

Park/Neutral Position SW

A 6 ABS Speed Sensor Front LH

A 7 ABS Speed Sensor Front RH

A 9 Air Fuel Ratio Sensor (Bank 1 Sensor 1)

A10 Air Fuel Ratio Sensor (Bank 2 Sensor 1)

A11 Airbag Sensor Front LH

A12 Airbag Sensor Front RH

B 2 Brake Fluid Level Warning SW

C 2 Counter Gear Speed Sensor

C 3 Crankshaft Position Sensor

D 1 Diode (A/C No.1)

D16 Daytime Running Light Resistor

E 3 Electronically Controlled Transmission Solenoid

E 4 Engine Coolant Temp. Sensor

E 5 Engine Hood Courtesy SW

F 1 Front Fog Light LH

F 2 Front Fog Light RH

F 5 Front Wiper Motor

F 9 Front Parking Light LH

F10 Front Parking Light RH

F11 Front Turn Signal Light LH

F12 Front Turn Signal Light RH

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)

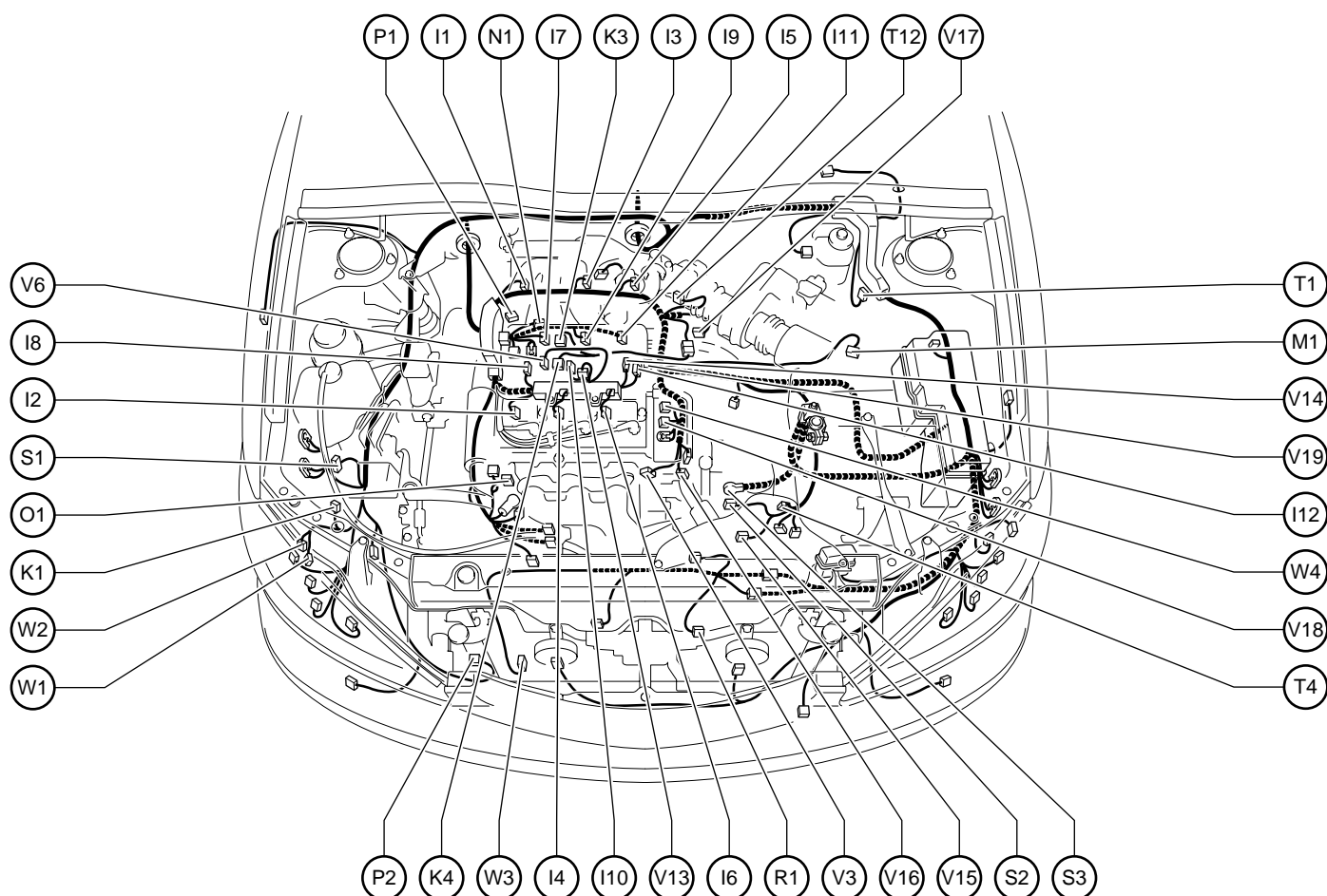
H 7 Heated Oxygen Sensor (Bank 2 Sensor 2)

H 8 Horn (High)

H 9 Horn (Low)

Position of Parts in Engine Compartment

[1MZ-FE, 3MZ-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 Injector No.1
 I 8 Injector No.2
 I 9 Injector No.3
 I 10 Injector No.4
 I 11 Injector No.5
 I 12 Injector No.6

K 1 Keyless Buzzer
 K 3 Knock Sensor (Bank 1)
 K 4 Knock Sensor (Bank 2)

M 1 Mass Air Flow Meter

N 1 Noise Filter (Ignition)

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW
 P 2 Pressure SW

R 1 Radiator Fan Motor

S 1 Skid Control ECU with Actuator
 S 2 Starter
 S 3 Starter

T 1 Theft Deterrent Horn
 T 4 Turbine Speed Sensor
 T 12 Throttle Control Motor
 Throttle Position Sensor

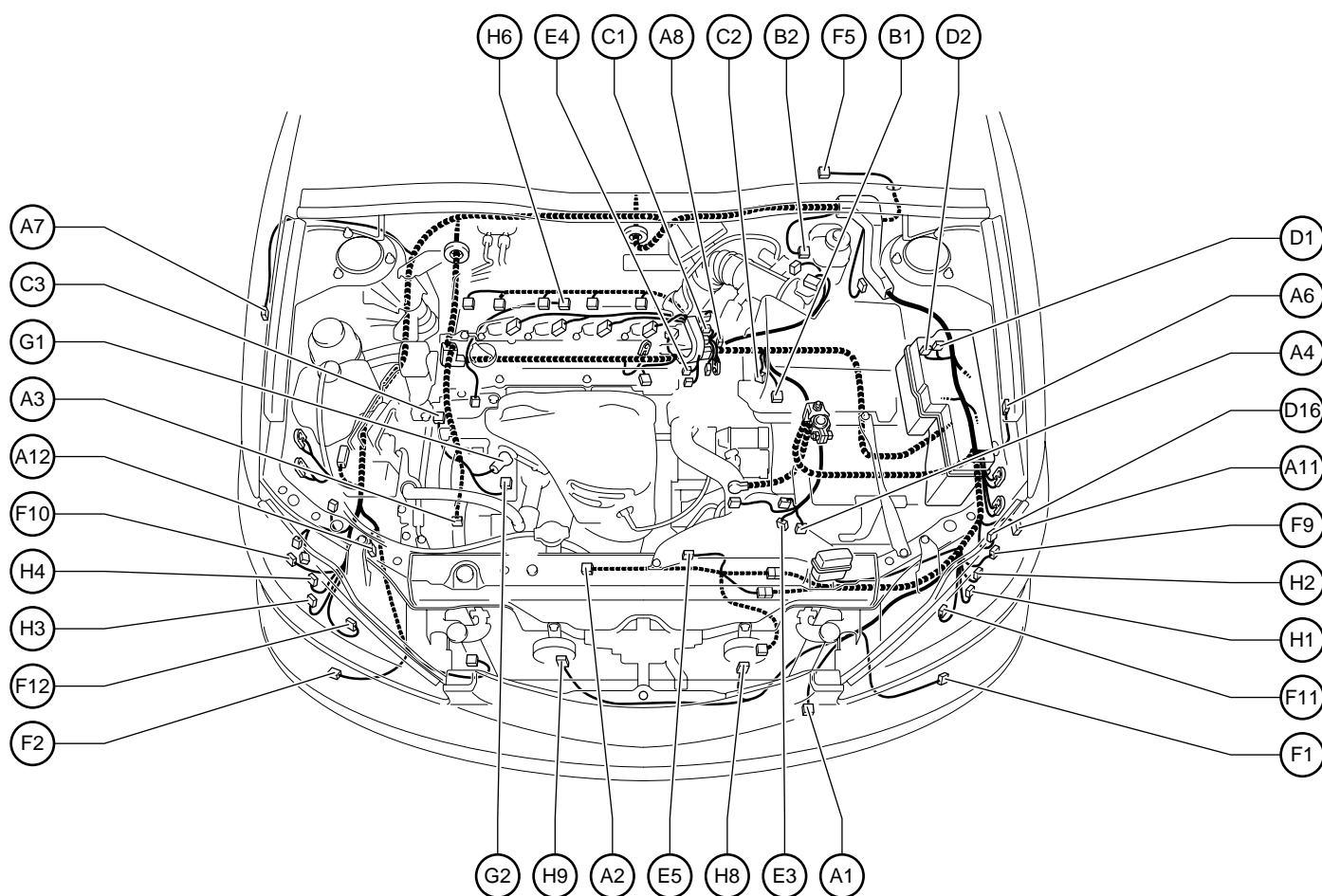
V 3 VSV (AICV)
 V 6 VSV (EVAP)
 V 13 VSV (ACIS No.1)
 V 14 VSV (ACIS No.2)
 V 15 VSV (ACM)
 V 16 VVT Sensor LH
 V 17 VVT Sensor RH
 V 18 VVT Solenoid LH
 V 19 VVT Solenoid RH

W 1 Washer Level Sensor
 W 2 Washer Motor
 W 3 Water Temp. SW No.1
 W 4 Water Temp. SW No.2

G ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[2AZ-FE]



- A 1 A/C Ambient Temp. Sensor
- A 2 A/C Condenser Fan Motor
- A 3 A/C Lock Sensor
A/C Magnetic Clutch
- A 4 A/T Indicator Light SW
Back-Up Light SW
Park/Neutral Position SW
- A 6 ABS Speed Sensor Front LH
- A 7 ABS Speed Sensor Front RH
- A 8 Air Fuel Ratio Sensor (Bank 1 Sensor 1)
- A 11 Airbag Sensor Front LH
- A 12 Airbag Sensor Front RH

- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW

- C 1 Camshaft Position Sensor
- C 2 Counter Gear Speed Sensor
- C 3 Crankshaft Position Sensor

- D 1 Diode (A/C No.1)
- D 2 Diode (A/C No.2)
- D16 Daytime Running Light Resistor

- E 3 Electronically Controlled Transmission Solenoid
- E 4 Engine Coolant Temp. Sensor
- E 5 Engine Hood Courtesy SW

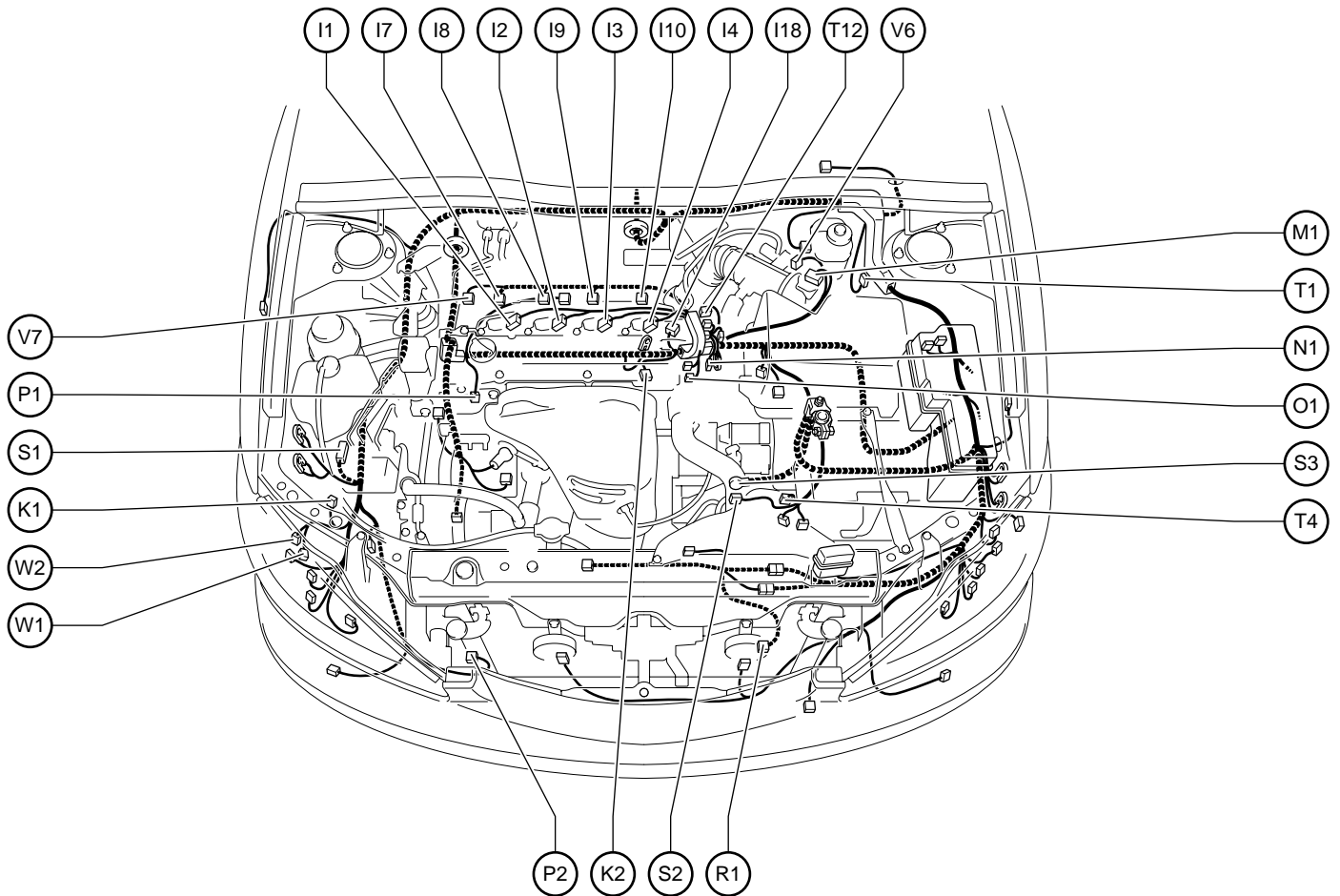
- F 1 Front Fog Light LH
- F 2 Front Fog Light RH
- F 5 Front Wiper Motor
- F 9 Front Parking Light LH
- F 10 Front Parking Light RH
- F 11 Front Turn Signal Light LH
- F 12 Front Turn Signal Light RH

- 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 Horn (High)
- H 9 Horn (Low)

Position of Parts in Engine Compartment

[2AZ-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 7 Injector No.1
 I 8 Injector No.2
 I 9 Injector No.3
 I 10 Injector No.4
 I 18 Intake Air Control Valve

K 1 Keyless Buzzer
 K 2 Knock Sensor (Bank 1)

M 1 Mass Air Flow Meter

N 1 Noise Filter (Ignition)

O 1 Oil Pressure SW

P 1 Power Steering Oil Pressure SW
 P 2 Pressure SW

R 1 Radiator Fan Motor

S 1 Skid Control ECU with Actuator
 S 2 Starter
 S 3 Starter

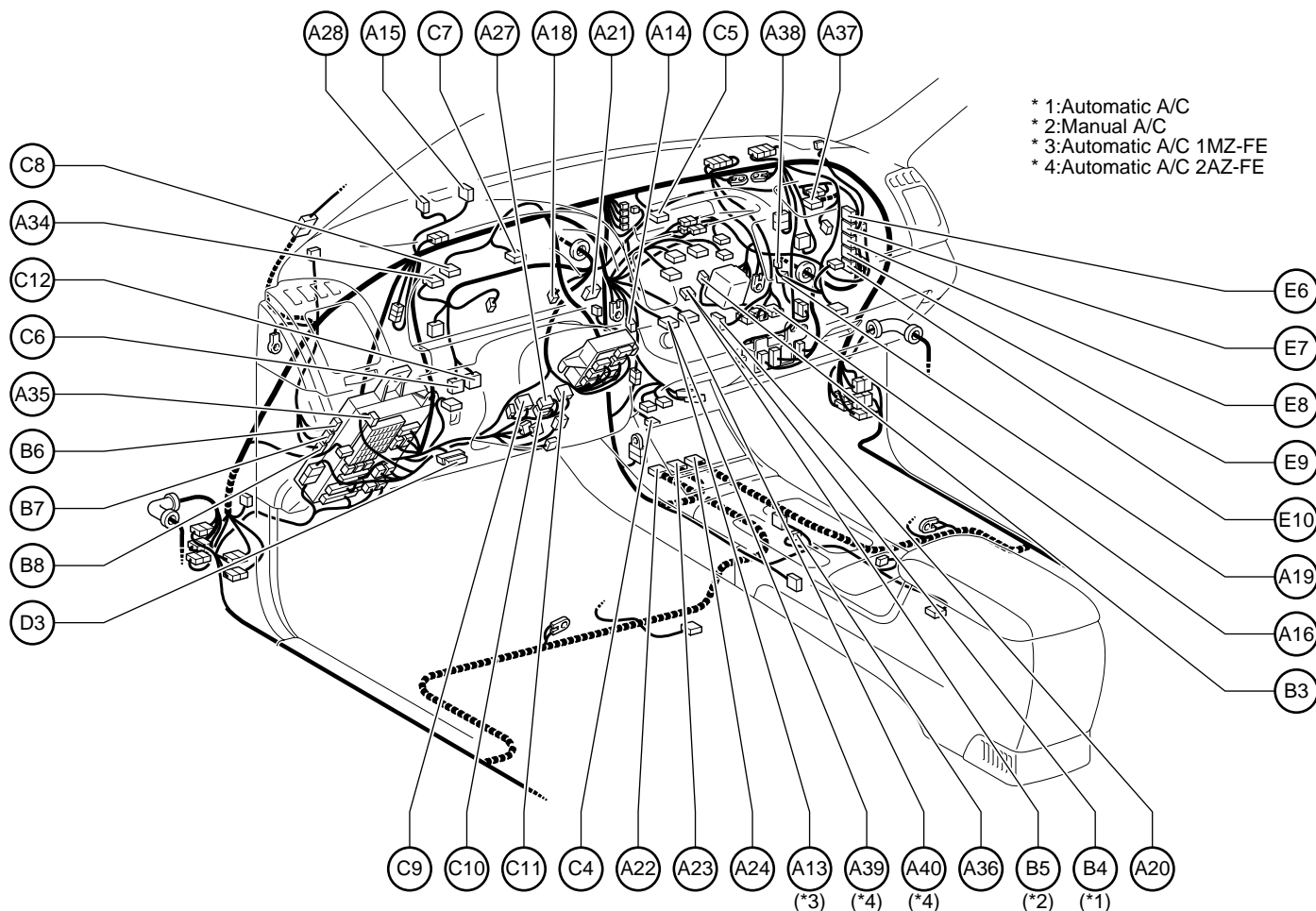
T 1 Theft Deterrent Horn
 T 4 Turbine Speed Sensor
 T 12 Throttle Control Motor
 Throttle Position Sensor

V 6 VSV (EVAP)
 V 7 VVT Solenoid

W 1 Washer Level Sensor
 W 2 Washer Motor

G ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel



A 13 A/C Control Assembly
 A 14 A/C Room Temp. Sensor
 A 15 A/C Solar Sensor
 A 16 A/C Thermistor
 A 18 Accelerator Position Sensor
 A 19 Air Inlet Control Servo Motor
 A 20 Air Mix Control Servo Motor
 A 21 Air Vent Mode Servo Motor
 A 22 Airbag Sensor Assembly
 A 23 Airbag Sensor Assembly
 A 24 Airbag Sensor Assembly
 A 27 Airbag Squib (Steering Wheel Pad)
 A 28 Automatic Light Control Sensor
 A 34 Adjustable Pedal Motor
 A 35 Adjustable Pedal SW
 A 36 A/T Shift Lever Illumination
 Transmission Control SW
 A 37 Airbag Squib (Front Airbag Sensor Assembly)
 A 38 A/C Amplifier
 A 39 A/C Control Assembly
 A 40 A/C Control Assembly

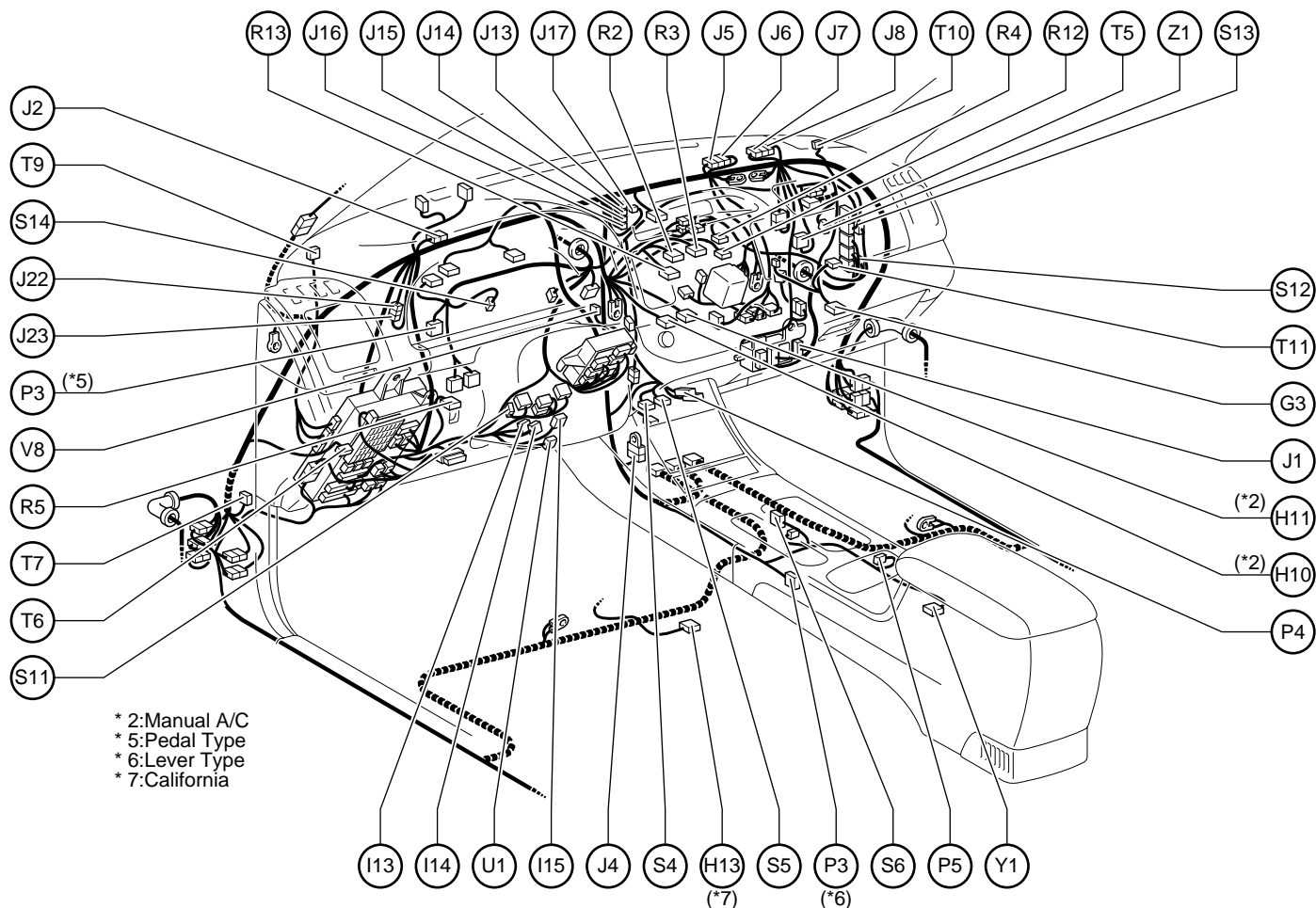
B 3 Blower Motor
 B 4 Blower Motor Controller
 B 5 Blower Resistor
 B 6 Body ECU
 B 7 Body ECU
 B 8 Body ECU

 C 4 Cigarette Lighter
 Cigarette Lighter Illumination
 C 5 Clock
 C 6 Clutch Start SW
 C 7 Combination Meter
 C 8 Combination Meter
 C 9 Combination SW
 C 10 Combination SW
 C 11 Combination SW
 C 12 Cruise Control Clutch SW

 D 3 Data Link Connector 3

 E 6 Engine Control Module
 E 7 Engine Control Module
 E 8 Engine Control Module
 E 9 Engine Control Module
 E 10 Engine Control Module

Position of Parts in Instrument Panel



G 3 Glove Box Light and SW

H10 Heater Control SW
 H11 Heater Control SW
 H13 Heated Oxygen Sensor (Bank 1 Sensor 3)

I 13 Ignition Key Cylinder Light
 I 14 Ignition Key Cylinder Light
 Transponder Key Amplifier
 I 15 Ignition SW

J 1 Junction Connector
 J 2 Junction Connector
 J 4 Junction Connector
 J 5 Junction Connector
 J 6 Junction Connector
 J 7 Junction Connector
 J 8 Junction Connector
 J 13 Junction Connector
 J 14 Junction Connector
 J 15 Junction Connector
 J 16 Junction Connector
 J 17 Junction Connector
 J 22 Junction Connector
 J 23 Junction Connector

P 3 Parking Brake SW
 P 4 Power Outlet (Front)
 P 5 Power Outlet (Rear)

R 2 Radio and Player
 R 3 Radio and Player
 R 4 Radio and Player (w/o Navigation System)
 Radio and Player with Display (w/ Navigation System)
 R 5 Rheostat
 R12 Radio and Player with Display
 R13 Radio and Player (w/o Navigation System)
 Radio and Player with Display (w/ Navigation System)

S 4 Seat Heater SW (Driver's Seat)
 S 5 Seat Heater SW (Front Passenger's Seat)
 S 6 Shift Lock Control ECU
 S11 Steering Sensor
 S12 Stereo Component Amplifier
 S13 Stereo Component Amplifier
 S14 Stop Light SW

T 5 Theft Deterrent ECU
 T 6 TRAC OFF SW
 T 7 Turn Signal Flasher Relay
 T 9 Tweeter LH
 T10 Tweeter RH
 T11 Transponder Key Computer

U 1 Unlock Warning SW

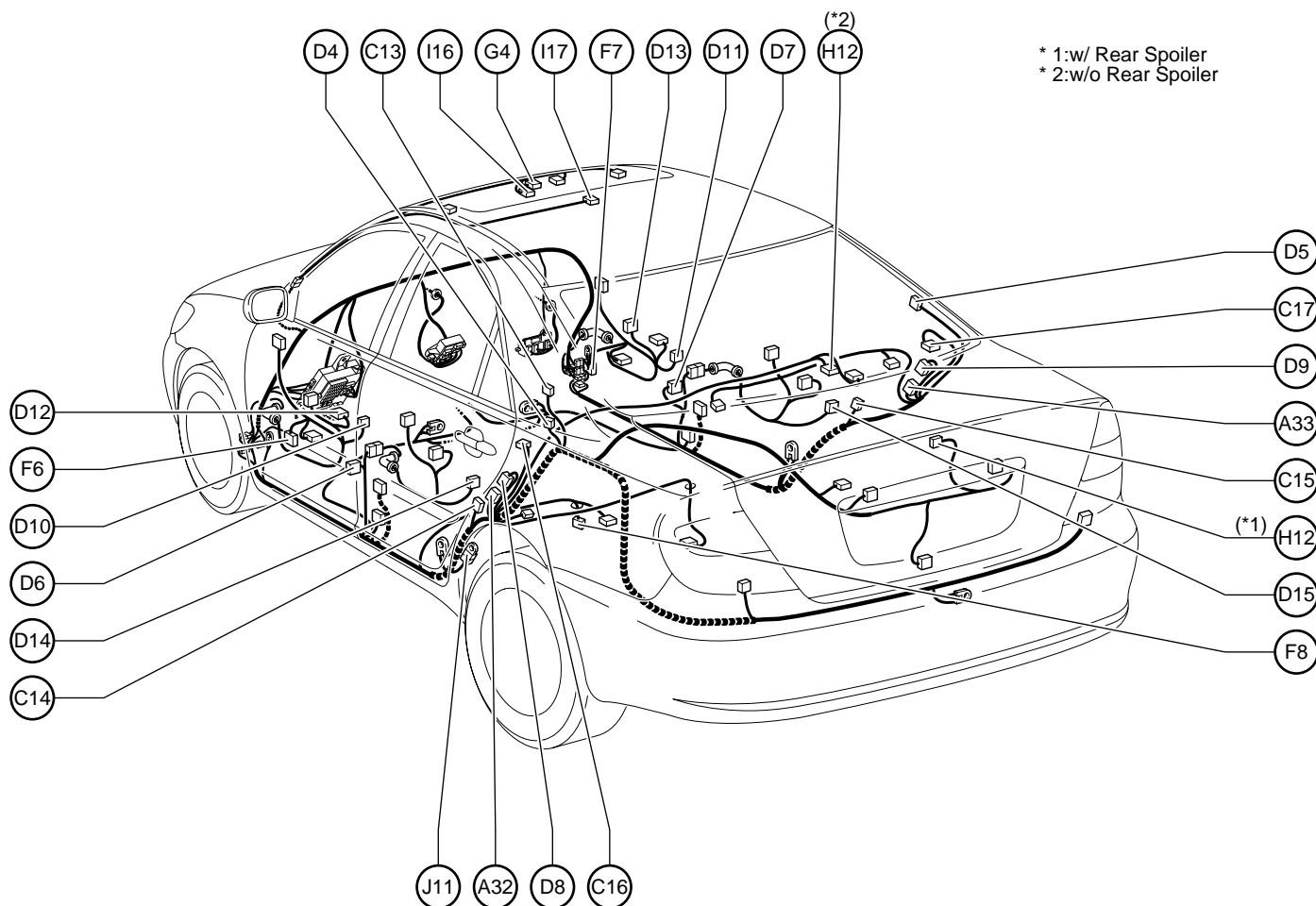
V 8 VSC Warning Buzzer

Y 1 Yaw Rate Sensor

Z 1 Option Connector (TVIP ECU)

G ELECTRICAL WIRING ROUTING

Position of Parts in Body



* 1:w/ Rear Spoiler
* 2:w/o Rear Spoiler

A32 ABS Speed Sensor Rear LH
A33 ABS Speed Sensor Rear RH

C13 Choke Coil
C14 Curtain Shield Airbag Sensor LH
C15 Curtain Shield Airbag Sensor RH
C16 Curtain Shield Airbag Squib LH
C17 Curtain Shield Airbag Squib RH

D 4 Diode (Luggage Compartment Light)
D 5 Door Control Receiver
D 6 Door Courtesy SW Front LH
D 7 Door Courtesy SW Front RH
D 8 Door Courtesy SW Rear LH
D 9 Door Courtesy SW Rear RH
D10 Door Key Lock and Unlock SW Front LH
Door Lock Motor Front LH
Door Unlock Detection SW Front LH
D11 Door Key Lock and Unlock SW Front RH
Door Lock Motor Front RH
Door Unlock Detection SW Front RH
D12 Door Lock Control SW Front LH
Power Window Master SW
D13 Door Lock Control SW RH
D14 Door Lock Motor Rear LH
Door Unlock Detection SW Rear LH
D15 Door Lock Motor Rear RH
Door Unlock Detection SW Rear RH

F 6 Front Door Speaker LH
F 7 Front Door Speaker RH
F 8 Fuel Pump
Fuel Sender

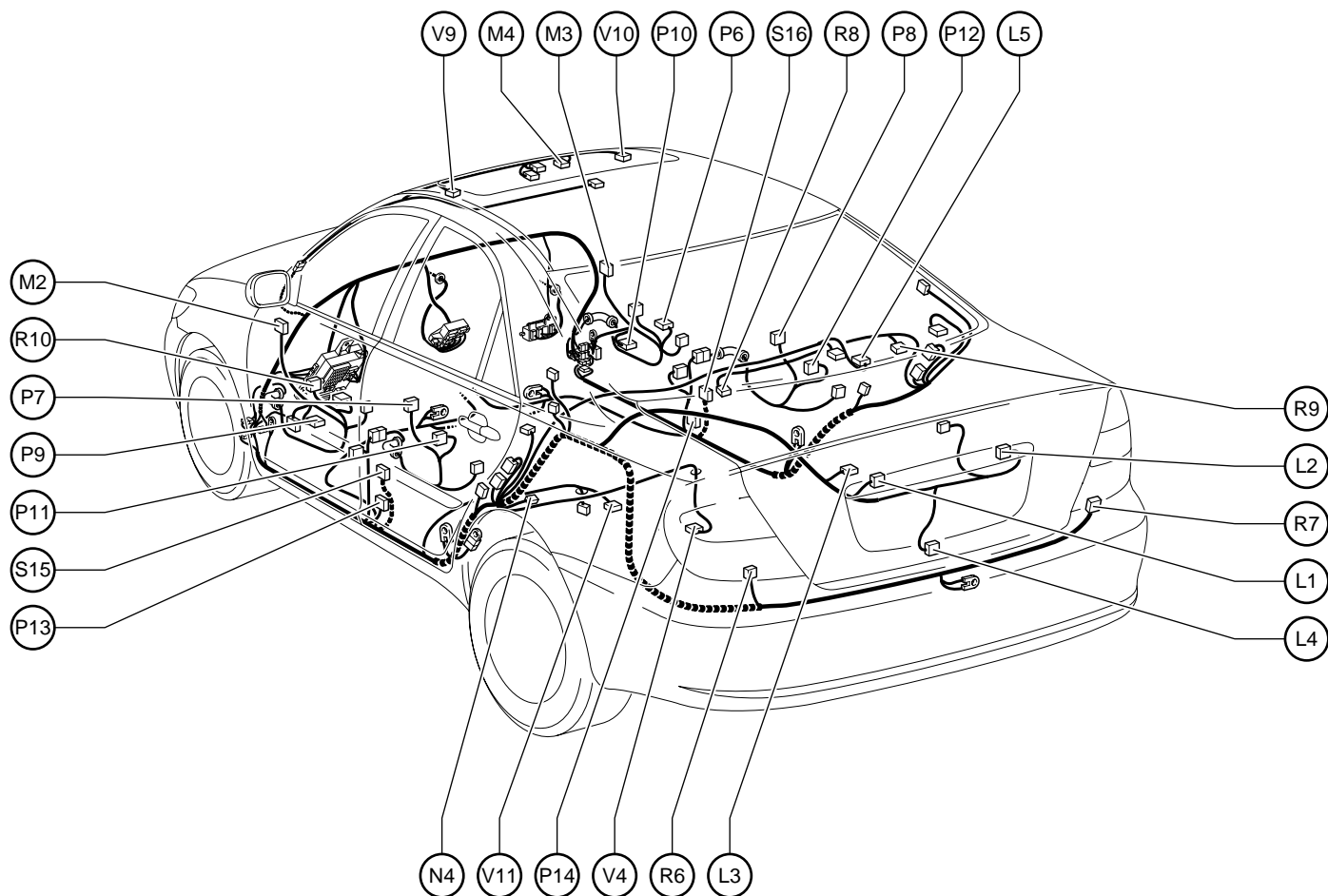
G 4 Garage Door Opener
Moon Roof Control SW
Personal Light

H12 High Mounted Stop Light

I 16 Inner Mirror
I 17 Interior Light

J 11 Junction Connector

Position of Parts in Body



L 1 License Plate Light LH
 L 2 License Plate Light RH
 L 3 Luggage Compartment Door Key Unlock SW
 L 4 Luggage Compartment Door Opener Motor
 Luggage Compartment Light SW
 L 5 Luggage Compartment Light

M 2 Mirror Heater LH
 Remote Control Mirror LH

M 3 Mirror Heater RH
 Remote Control Mirror RH

M 4 Moon Roof Control ECU and Motor

N 4 Noise Filter (Stop and Dome)

P 6 Power Window Control SW Front RH
 P 7 Power Window Control SW Rear LH
 P 8 Power Window Control SW Rear RH
 P 9 Power Window Motor Front LH
 P10 Power Window Motor Front RH
 P11 Power Window Motor Rear LH
 P12 Power Window Motor Rear RH
 P13 Pretensioner LH
 P14 Pretensioner RH

R 6 Rear Combination Light LH
 R 7 Rear Combination Light RH
 R 8 Rear Speaker LH
 R 9 Rear Speaker RH
 R10 Remote Control Mirror SW

S15 Side Airbag Sensor LH

S16 Side Airbag Sensor RH

V 4 VSV (Canister Closed Valve)

V 9 Vanity Light LH

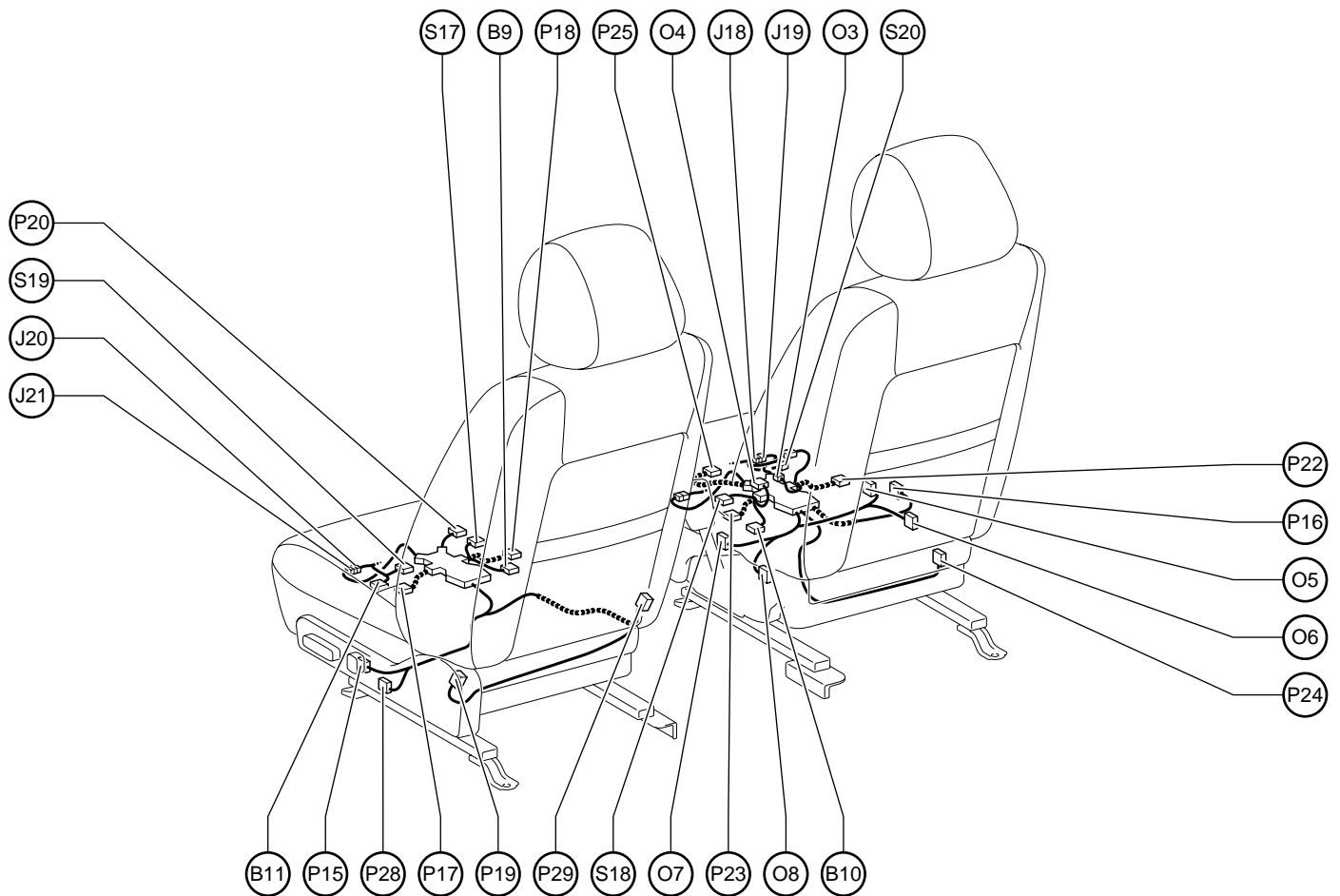
V10 Vanity Light RH

V11 Vapor Pressure Sensor

G ELECTRICAL WIRING ROUTING

Position of Parts in Seat

[w/ Power Seat]



B 9 Buckle SW LH
 B10 Buckle SW (Front Passenger's Side)
 B11 Buckle SW LH
 Seat Position Airbag Sensor

J 18 Junction Connector
 J 19 Junction Connector
 J 20 Junction Connector
 J 21 Junction Connector

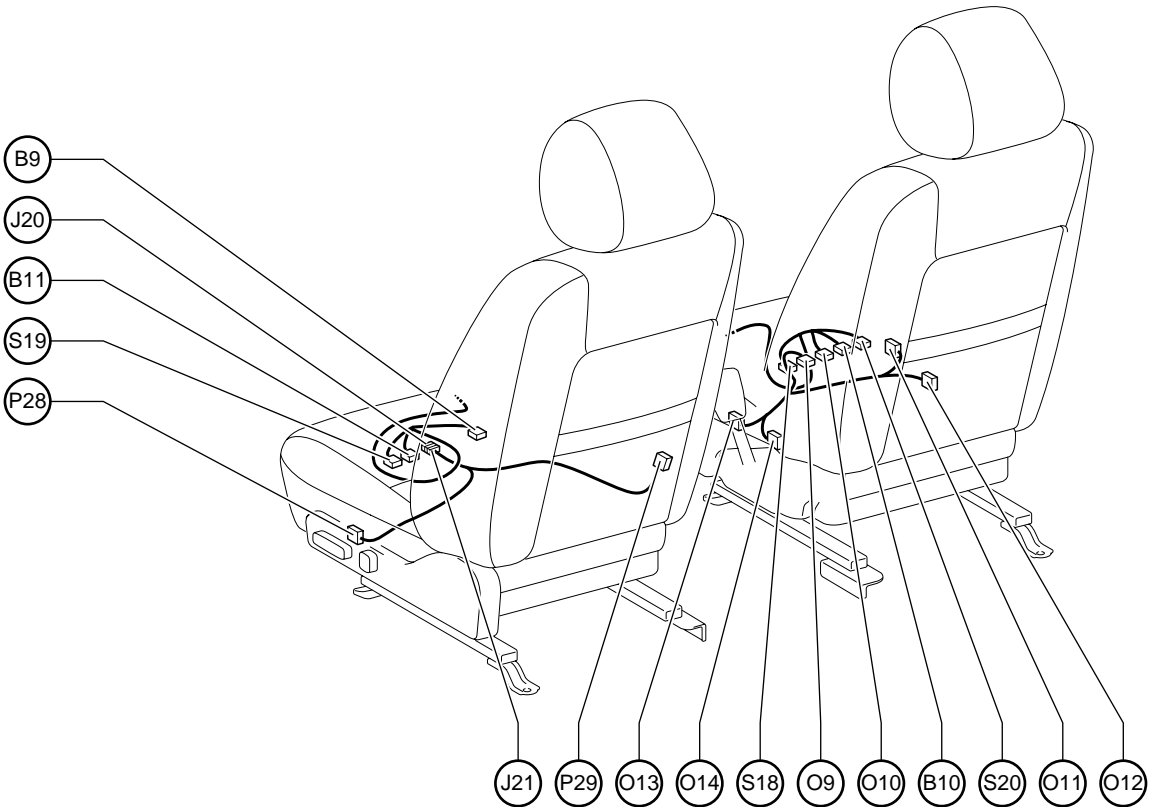
O 3 Occupant Classification ECU
 O 4 Occupant Classification ECU
 O 5 Occupant Classification Sensor Front RH
 O 6 Occupant Classification Sensor Rear RH
 O 7 Occupant Classification Sensor Front LH
 O 8 Occupant Classification Sensor Rear LH

P15 Power Seat Control SW (Driver's Seat)
 P16 Power Seat Control SW (Front Passenger's Seat)
 P17 Power Seat Motor (Driver's Seat Front Vertical Control)
 P18 Power Seat Motor (Driver's Seat Lifter Control)
 P19 Power Seat Motor (Driver's Seat Reclining Control)
 P20 Power Seat Motor (Driver's Seat Slide Control)
 P22 Power Seat Motor
 (Front Passenger's Seat Front Vertical Control)
 P23 Power Seat Motor
 (Front Passenger's Seat Lifter Control)
 P24 Power Seat Motor
 (Front Passenger's Seat Reclining Control)
 P25 Power Seat Motor
 (Front Passenger's Seat Slide Control)
 P28 Power Seat Control SW
 (Driver's Seat Lumbar Support Control)
 P29 Power Seat Motor
 (Driver's Seat Lumbar Support Control)

S17 Seat Heater LH
 S18 Seat Heater RH
 S19 Side Airbag Squib LH
 S20 Side Airbag Squib RH

Position of Parts in Seat

[w/o Power Seat]



B 9 Buckle SW LH
 B 10 Buckle SW (Front Passenger's Side)
 B 11 Buckle SW LH
 Seat Position Airbag Sensor

J 20 Junction Connector
 J 21 Junction Connector

O 9 Occupant Classification ECU
 O10 Occupant Classification ECU
 O11 Occupant Classification Sensor Front RH
 O12 Occupant Classification Sensor Rear RH
 O13 Occupant Classification Sensor Front LH
 O14 Occupant Classification Sensor Rear LH

P 28 Power Seat Control SW
 (Driver's Seat Lumbar Support Control)
 P 29 Power Seat Motor
 (Driver's Seat Lumbar Support Control)

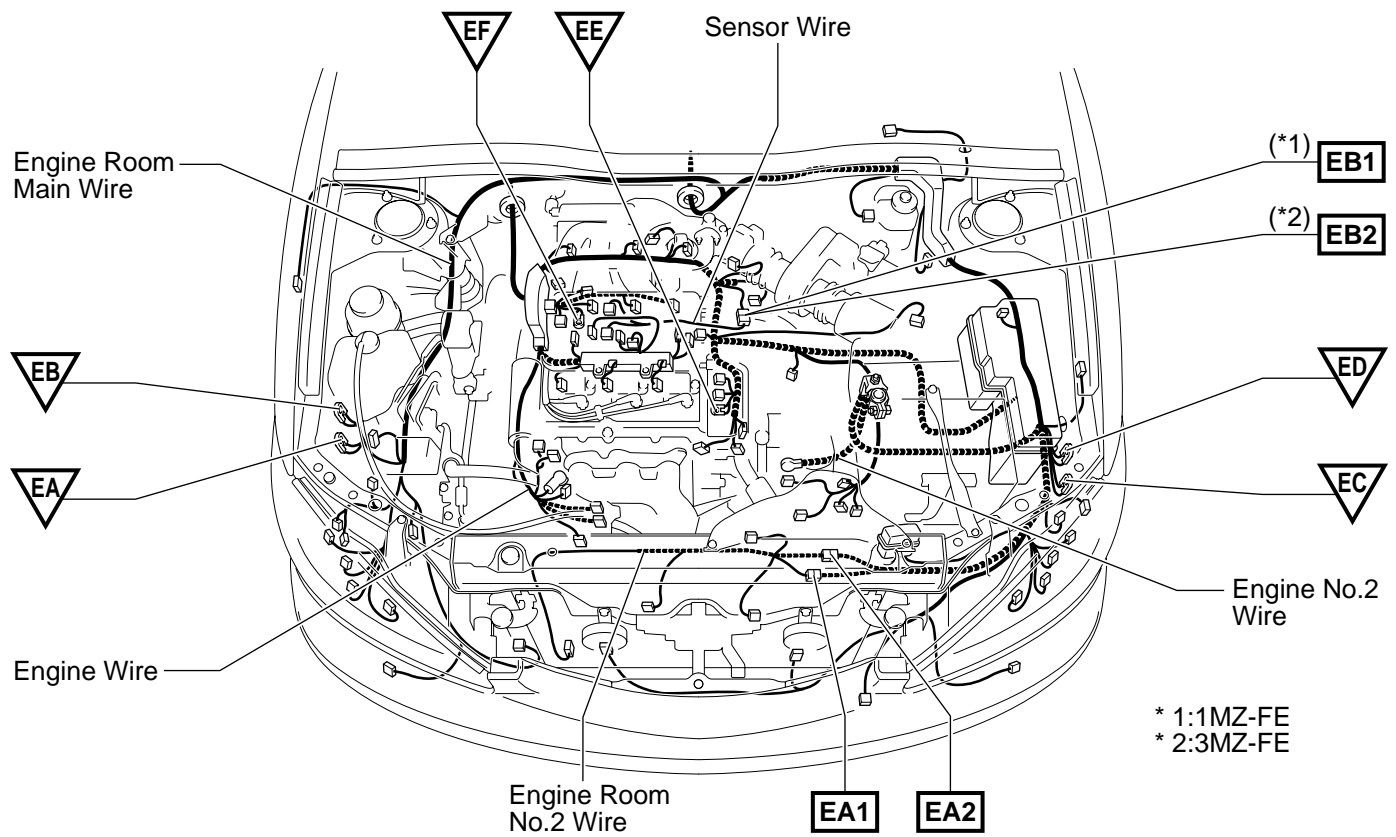
S18 Seat Heater RH
 S19 Side Airbag Squib LH
 S20 Side Airbag Squib RH

G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

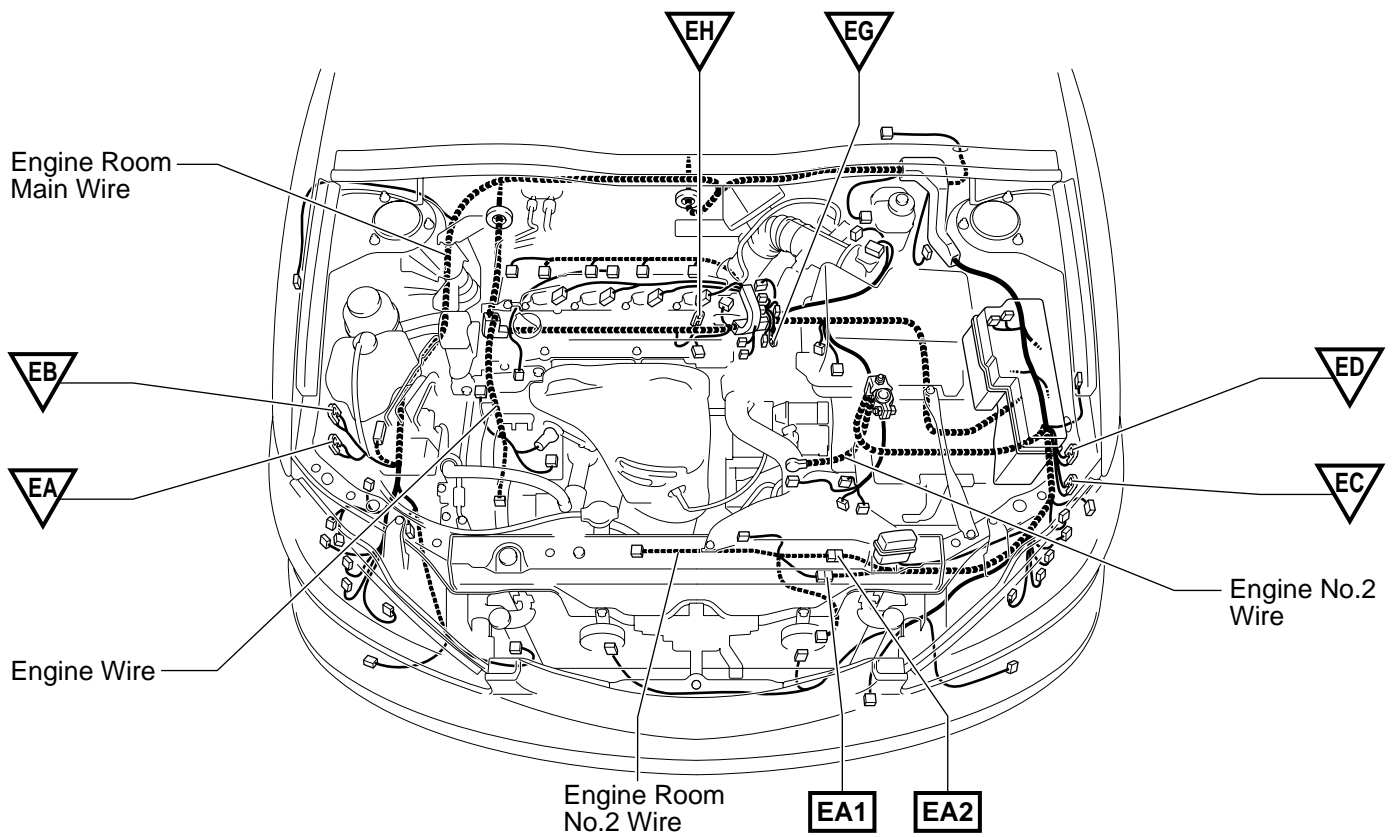
[1MZ-FE, 3MZ-FE]



□ : Location of Connector Joining Wire Harness and Wire Harness

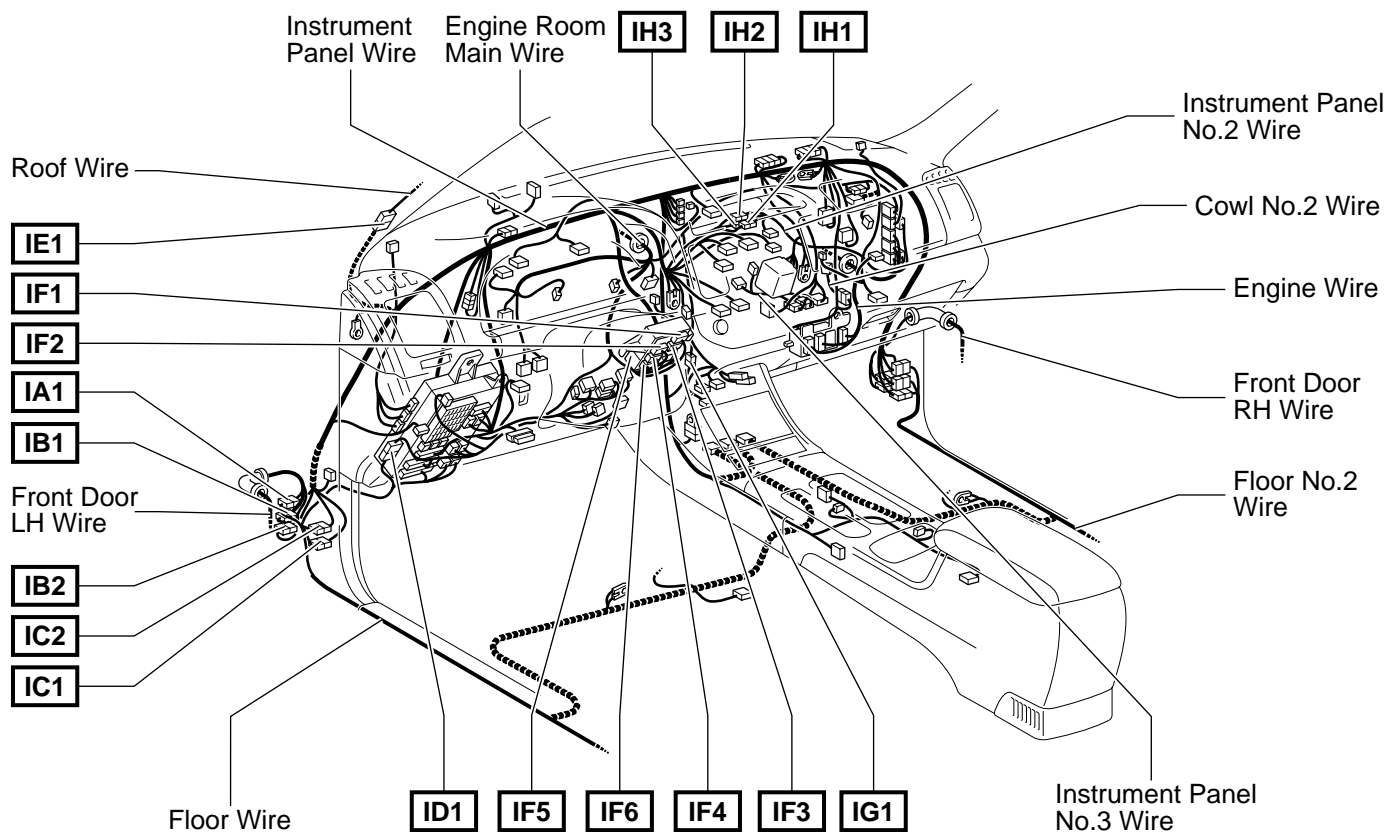
▽ : Location of Ground Points

[2AZ-FE]

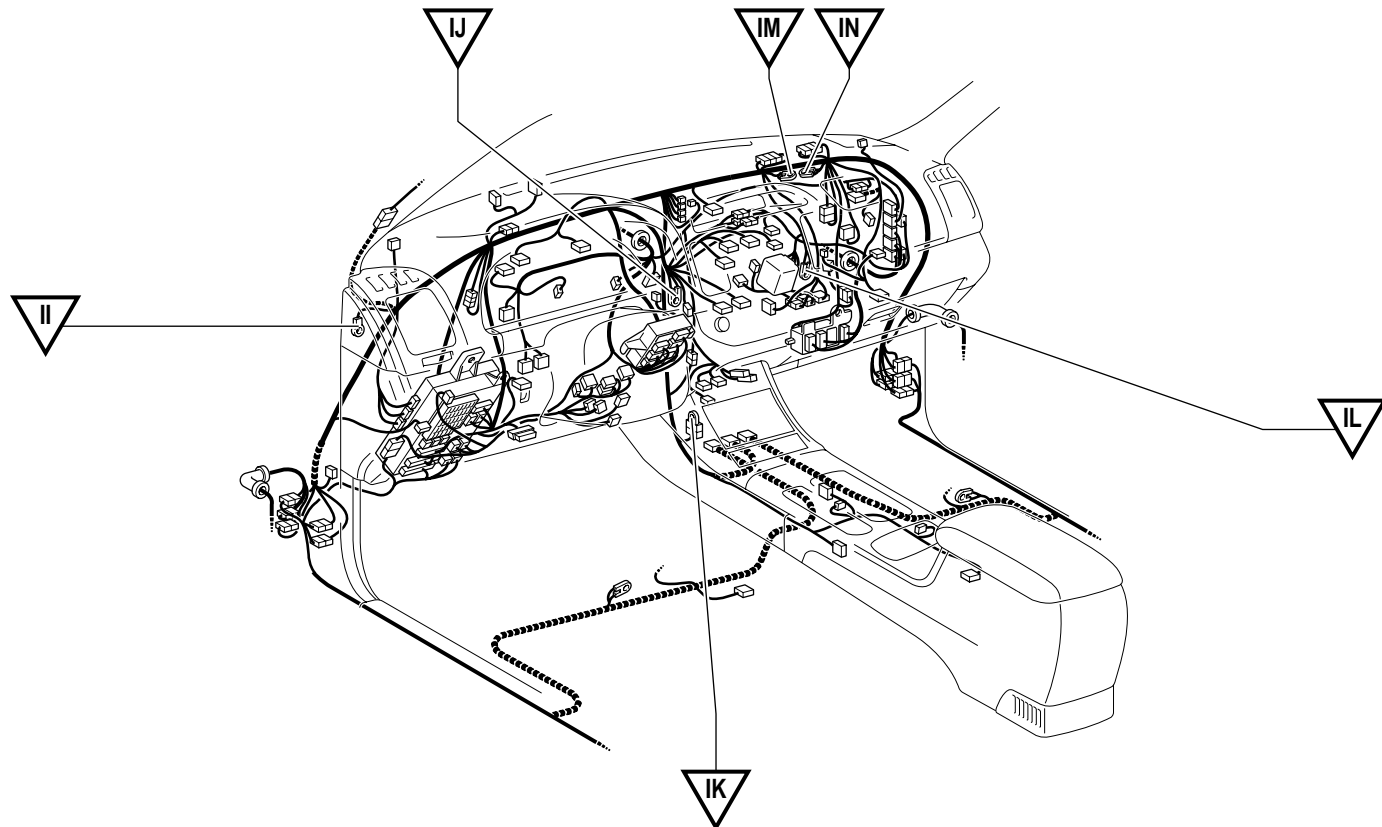


G ELECTRICAL WIRING ROUTING

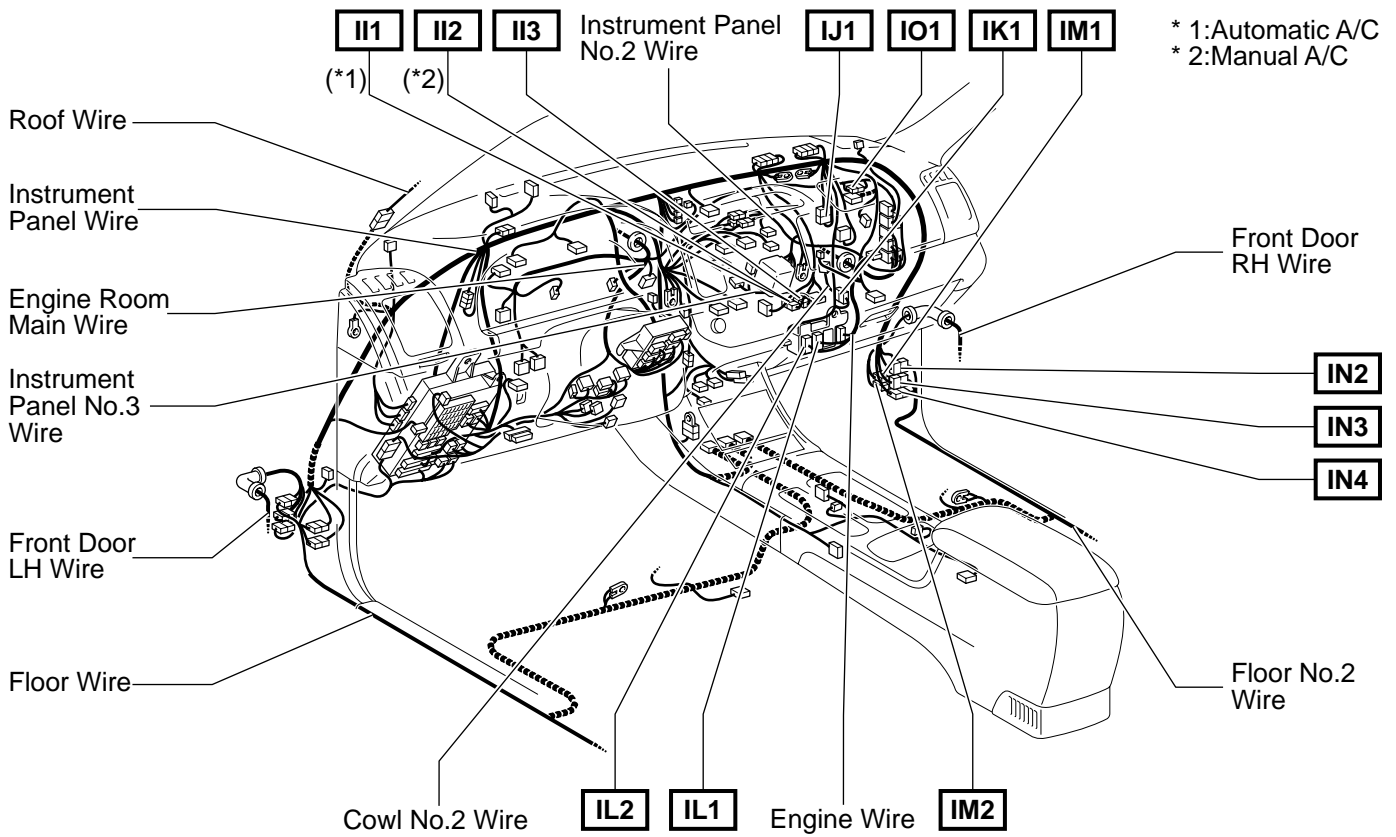
□ : Location of Connector Joining Wire Harness and Wire Harness



▽ : Location of Ground Points



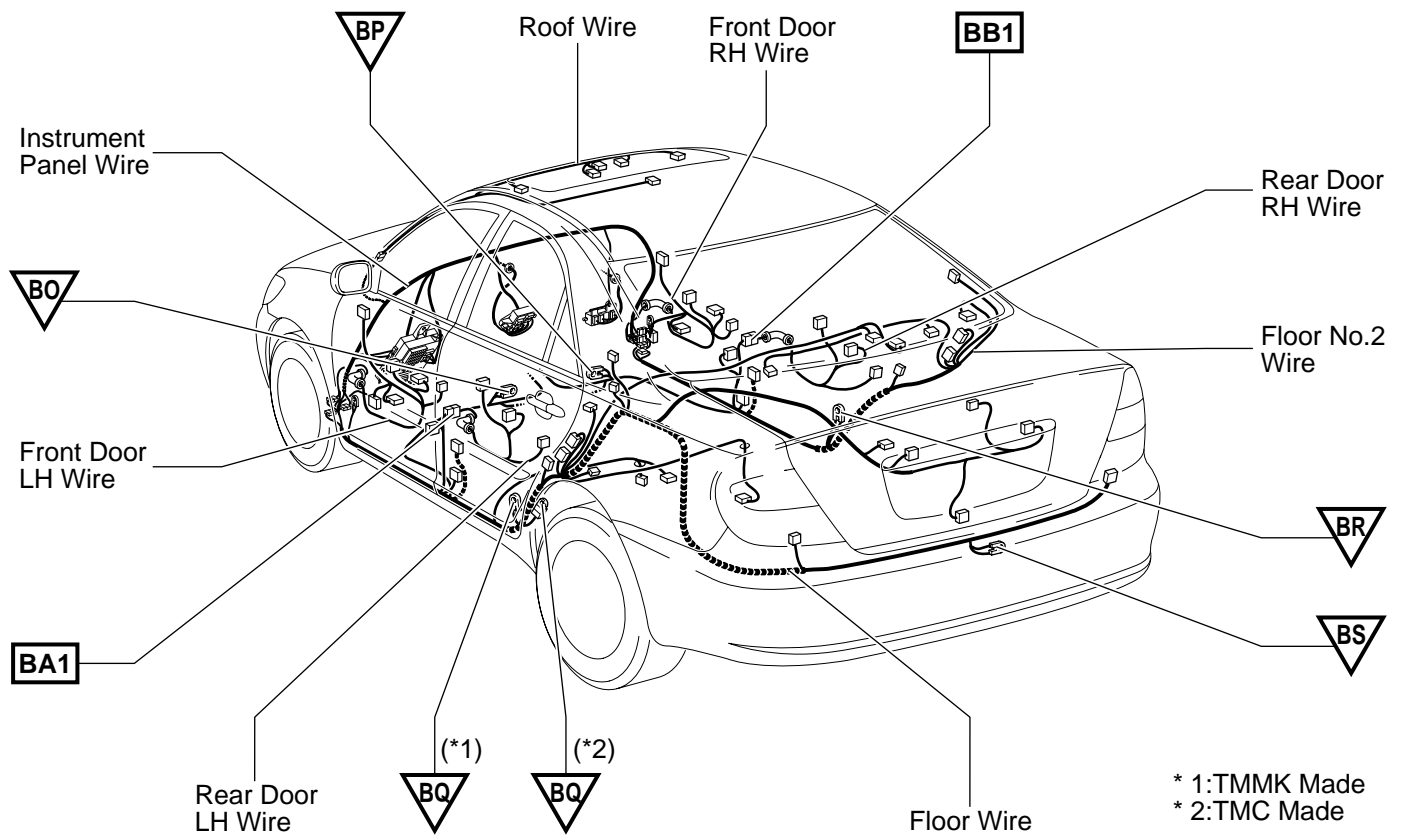
□ : Location of Connector Joining Wire Harness and Wire Harness



G ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points



 : Location of Connector Joining Wire Harness and Wire Harness
[w/ Power Seat]

