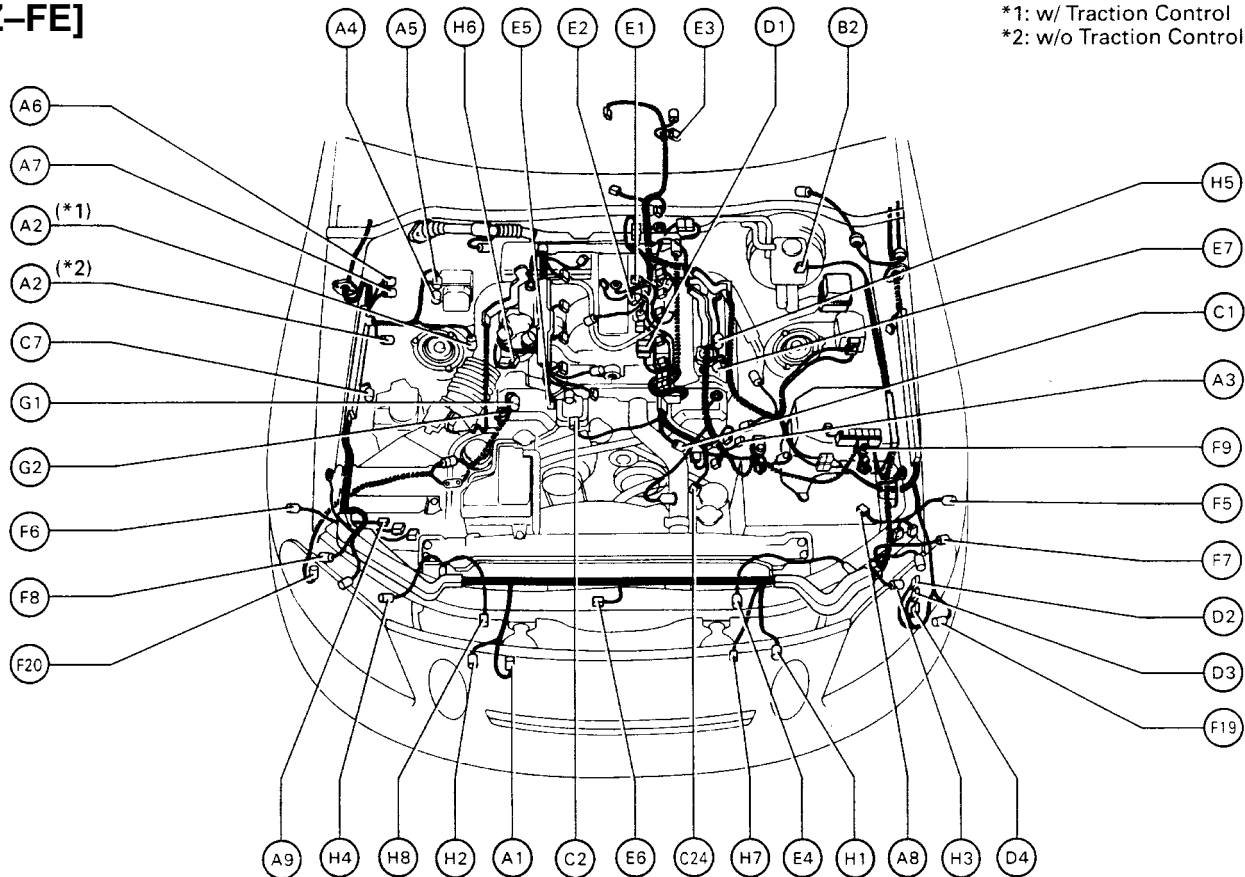


## G ELECTRICAL WIRING ROUTING

### Position of Parts in Engine Compartment

[1UZ-FE]

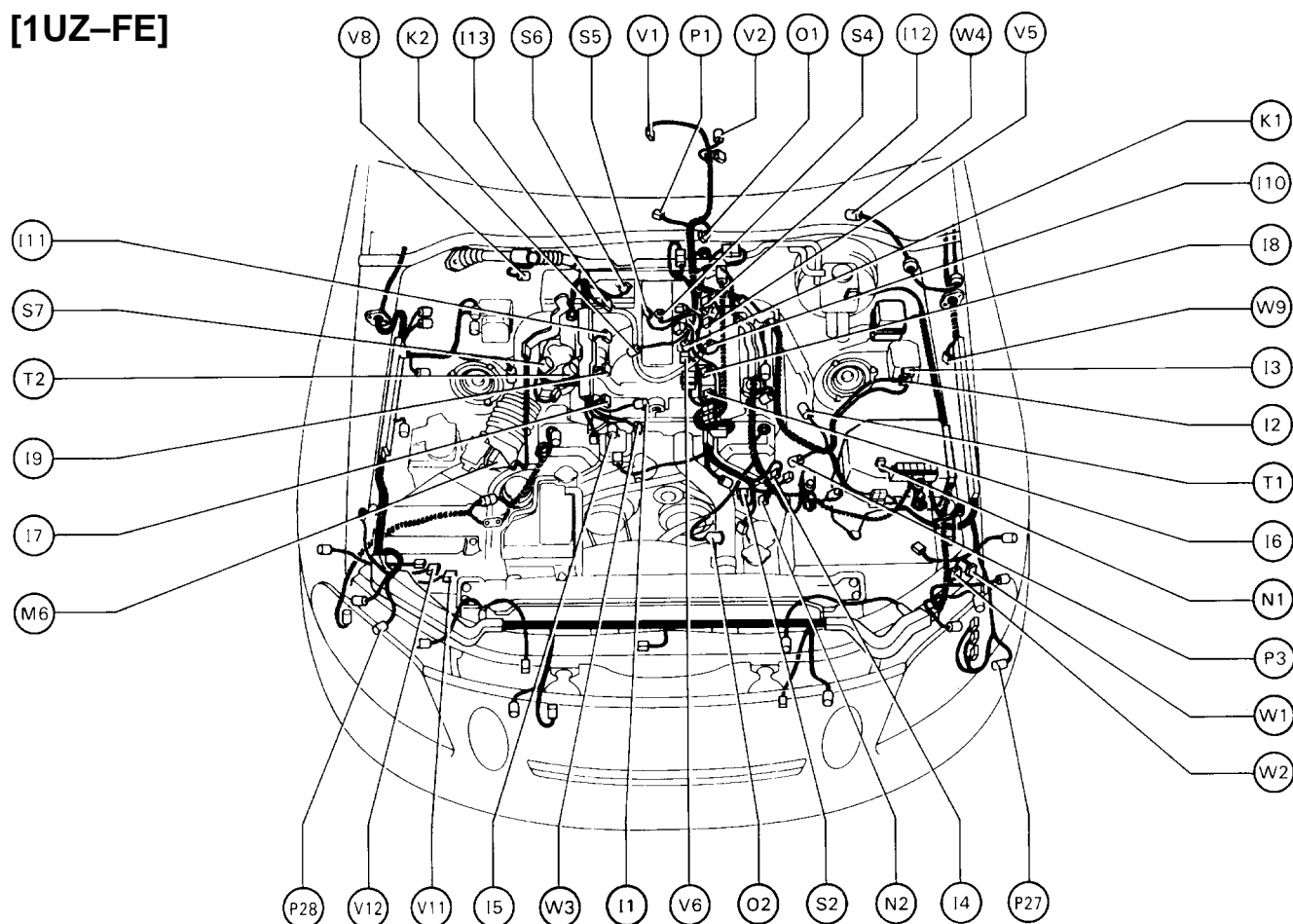
\*1: w/ Traction Control  
\*2: w/o Traction Control



- |  |   |
|--|---|
| A 1 A/C Ambient Temp. Sensor                                 | E 3 Electronically Controlled Transmission Solenoid |
| A 2 A/C Triple Pressure SW (A/C Dual and Signal Pressure SW) | E 4 Engine Coolant Temp. Sensor (Cooling Fan)       |
| A 3 A/C Lock Sensor and A/C Magnetic Clutch                  | E 5 Engine Coolant Temp. Sensor                     |
| A 4 ABS Actuator (w/ Traction Control)                       | E 6 Engine Hood Courtesy SW                         |
| A 5 ABS Actuator (w/ Traction Control)                       | E 7 Engine Oil Level Warning SW                     |
| A 6 ABS Actuator (w/o Traction Control)                      | F 5 Front Side Marker Light LH                      |
| A 7 ABS Actuator (w/o Traction Control)                      | F 6 Front Side Marker Light RH                      |
| A 8 ABS Speed Sensor Front LH                                | F 7 Front Turn Signal Light LH                      |
| A 9 ABS Speed Sensor Front RH                                | F 8 Front Turn Signal Light RH                      |
|  | F 9 Fuse Block                                      |
| B 2 Brake Fluid Level SW                                     | F 19 Front Fog Light LH                             |
|  | F 20 Front Fog Light RH                             |
| C 1 Camshaft Position Sensor No. 1 (on Left Bank)            | G 1 Generator                                       |
| C 2 Camshaft Position Sensor No. 2 (on Right Bank)           | G 2 Generator                                       |
| C 7 Cruise Control Actuator                                  |   |
| C 24 Crankshaft Position Sensor                              |   |
| D 1 Data Link Connector 1                                    | H 1 Headlight Hi LH                                 |
| D 2 Daytime Running Light Relay No. 2                        | H 2 Headlight Hi RH                                 |
| D 3 Daytime Running Light Relay No. 3                        | H 3 Headlight Lo LH                                 |
| D 4 Daytime Running Light Relay No. 4                        | H 4 Headlight Lo RH                                 |
| E 1 EGR Gas Temp. Sensor                                     | H 5 Heated Oxygen Sensor (Bank 1 Sensor 1)          |
| E 2 EGR Valve  | H 6 Heated Oxygen Sensor (Bank 2 Sensor 1)          |
|  | H 7 Horn LH   |
|  | H 8 Horn RH   |

## Position of Parts in Engine Compartment

**[1UZ-FE]**



I 1 Idle Air Control Valve  
 I 2 Igniter No. 1  
 I 3 Igniter No. 2  
 I 4 Ignition Coil No.1  
 I 5 Ignition Coil No.2  
 I 6 Injector No.1  
 I 7 Injector No.2  
 I 8 Injector No.3  
 I 9 Injector No.4  
 I10 Injector No.5  
 I11 Injector No.6  
 I12 Injector No.7  
 I13 Injector No.8

K 1 Knock Sensor 1  
 K 2 Knock Sensor 2

M 6 Mass Air Flow Meter

N 1 Noise Filter (Defogger System)  
 N 2 Noise Filter (Ignition System)

O 1 O/D Direct Clutch Speed Sensor  
 O 2 Oil Pressure SW

P 1 Park/Neutral Position SW, Back-Up Light SW and A/T Indicator SW

P 3 PPS Solenoid  
 P27 Parking Light LH  
 P28 Parking Light RH

S 2 Solenoid Valve (Cooling Fan)  
 S 4 Starter  
 S 5 Starter  
 S 6 Sub Throttle Actuator  
 S 7 Sub Throttle Position Sensor

T 1 Theft Deterrent Horn  
 T 2 Throttle Position Sensor

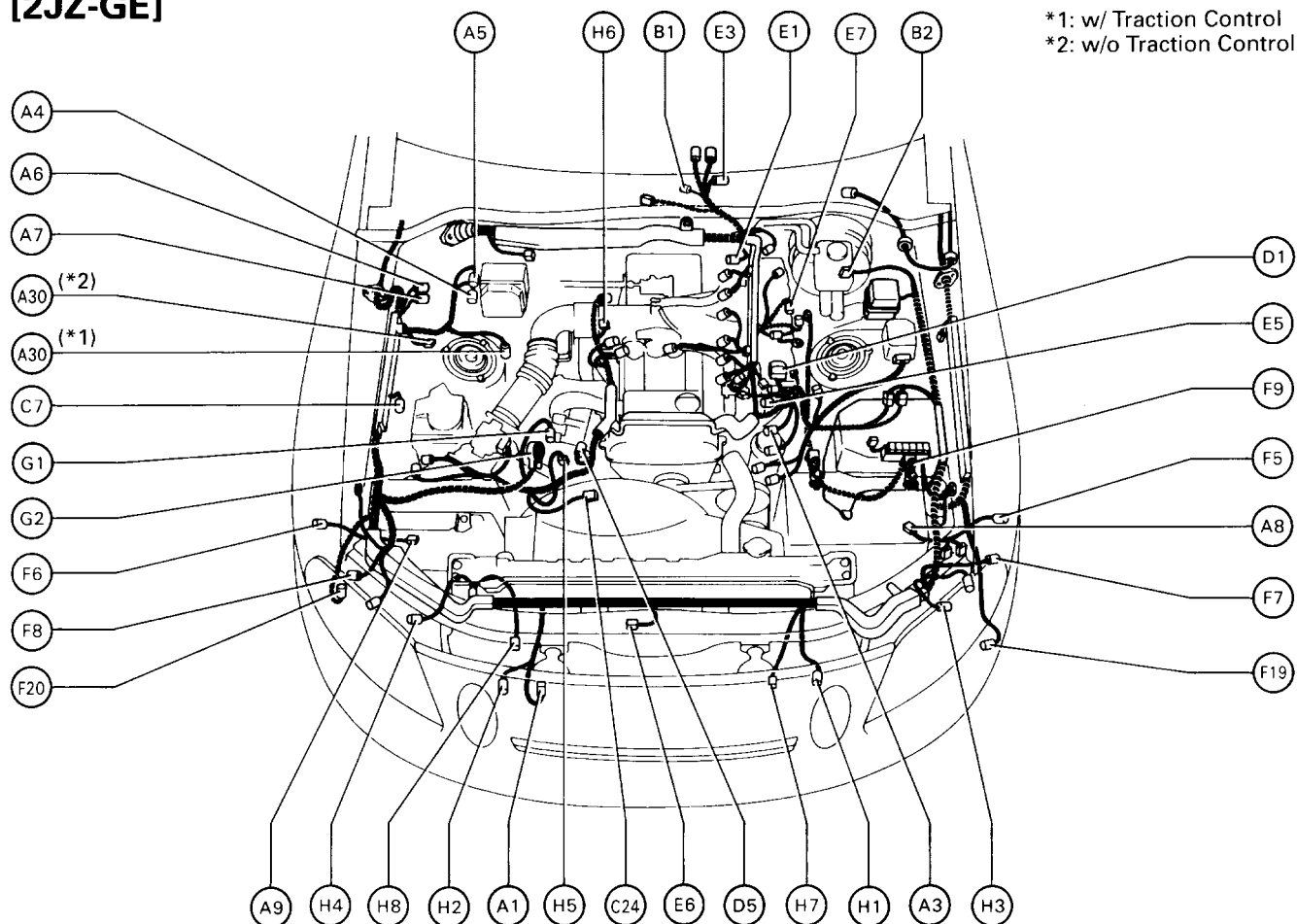
V 1 Vehicle Speed Sensor No. 1  
 V 2 Vehicle Speed Sensor No. 2 (Electronically Controlled Transmission)  
 V 5 VSV (EVAP)  
 V 6 VSV (Fuel Pressure Control)  
 V 8 VSV (Water Valve)  
 V11 Vapor Pressure Sensor  
 V12 VSV (Vapor Pressure Sensor)

W 1 Washer Level SW  
 W 2 Washer Motor  
 W 3 Water Temp. Sender  
 W 4 Wiper Motor  
 W 9 Wireless Door Lock Buzzer

## G ELECTRICAL WIRING ROUTING

### Position of Parts in Engine Compartment

#### [2JZ-GE]



A 1 A/C Ambient Temp. Sensor  
 A 3 A/C Lock Sensor and A/C Magnetic Clutch  
 A 4 ABS Actuator (w/ Traction Control)  
 A 5 ABS Actuator (w/ Traction Control)  
 A 6 ABS Actuator (w/o Traction Control)  
 A 7 ABS Actuator (w/o Traction Control)  
 A 8 ABS Speed Sensor Front LH  
 A 9 ABS Speed Sensor Front RH  
 A30 A/C Dual Pressure SW

B 1 Back-Up Light SW (M/T)  
 B 2 Brake Fluid Level SW  
 C 7 Cruise Control Actuator  
 C24 Crankshaft Position Sensor

D 1 Data Link Connector 2  
 D 5 Distributor

E 1 EGR Gas Temp. Sensor  
 E 3 Electronically Controlled Transmission Solenoid  
 E 5 Engine Coolant Temp. Sensor

E 6 Engine Hood Courtesy SW  
 E 7 Engine Oil Level Warning SW

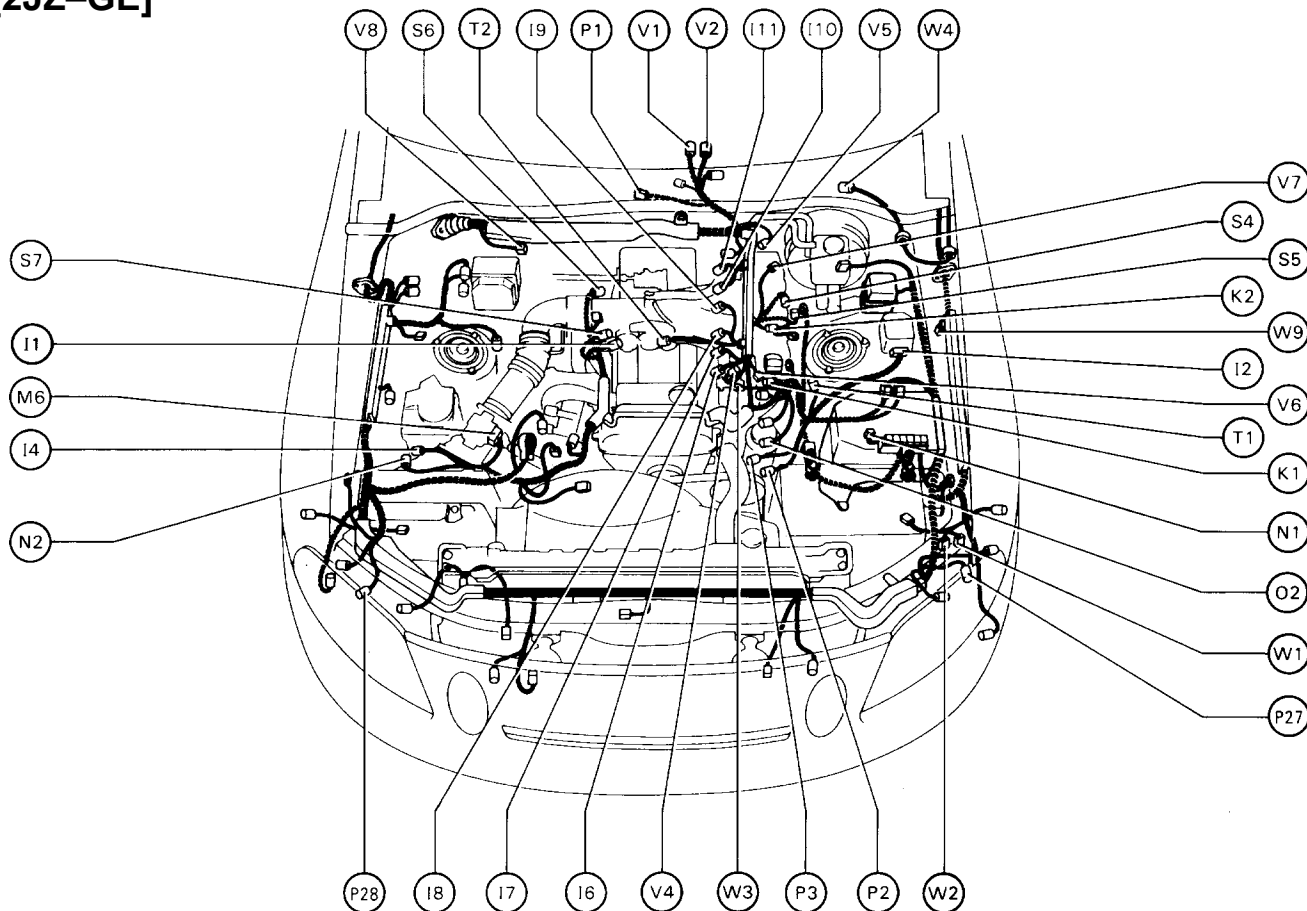
F 5 Front Side Marker Light LH  
 F 6 Front Side Marker Light RH  
 F 7 Front Turn Signal Light LH  
 F 8 Front Turn Signal Light RH  
 F 9 Fuse Block  
 F19 Front Fog Light LH  
 F20 Front Fog Light RH

G 1 Generator  
 G 2 Generator

H 1 Headlight Hi LH  
 H 2 Headlight Hi RH  
 H 3 Headlight Lo LH  
 H 4 Headlight Lo RH  
 H 5 Heated Oxygen Sensor (Bank 1 Sensor 2)  
 H 6 Heated Oxygen Sensor (Bank 2 Sensor 2)  
 H 7 Horn LH  
 H 8 Horn RH

## Position of Parts in Engine Compartment

**[2JZ-GE]**



I 1 Idle Air Control Valve  
 I 2 Igniter  
 I 4 Ignition Coil  
 I 6 Injector No. 1  
 I 7 Injector No. 2  
 I 8 Injector No. 3  
 I 9 Injector No. 4  
 I10 Injector No. 5  
 I11 Injector No. 6

K 1 Knock Sensor 1  
 K 2 Knock Sensor 2

M 6 Mass Air Flow Meter

N 1 Noise Filter (Defogger System)  
 N 2 Noise Filter (Ignition System)

P 1 Park/Neutral Position SW, Back-Up Light SW and  
 A/T Indicator SW (A/T)  
 P 2 Power Steering Oil Pressure SW  
 P 3 PPS Solenoid  
 P27 Parking Light LH

P28 Parking Light RH

S 4 Starter  
 S 5 Starter  
 S 6 Sub Throttle Actuator  
 S 7 Sub Throttle Position Sensor

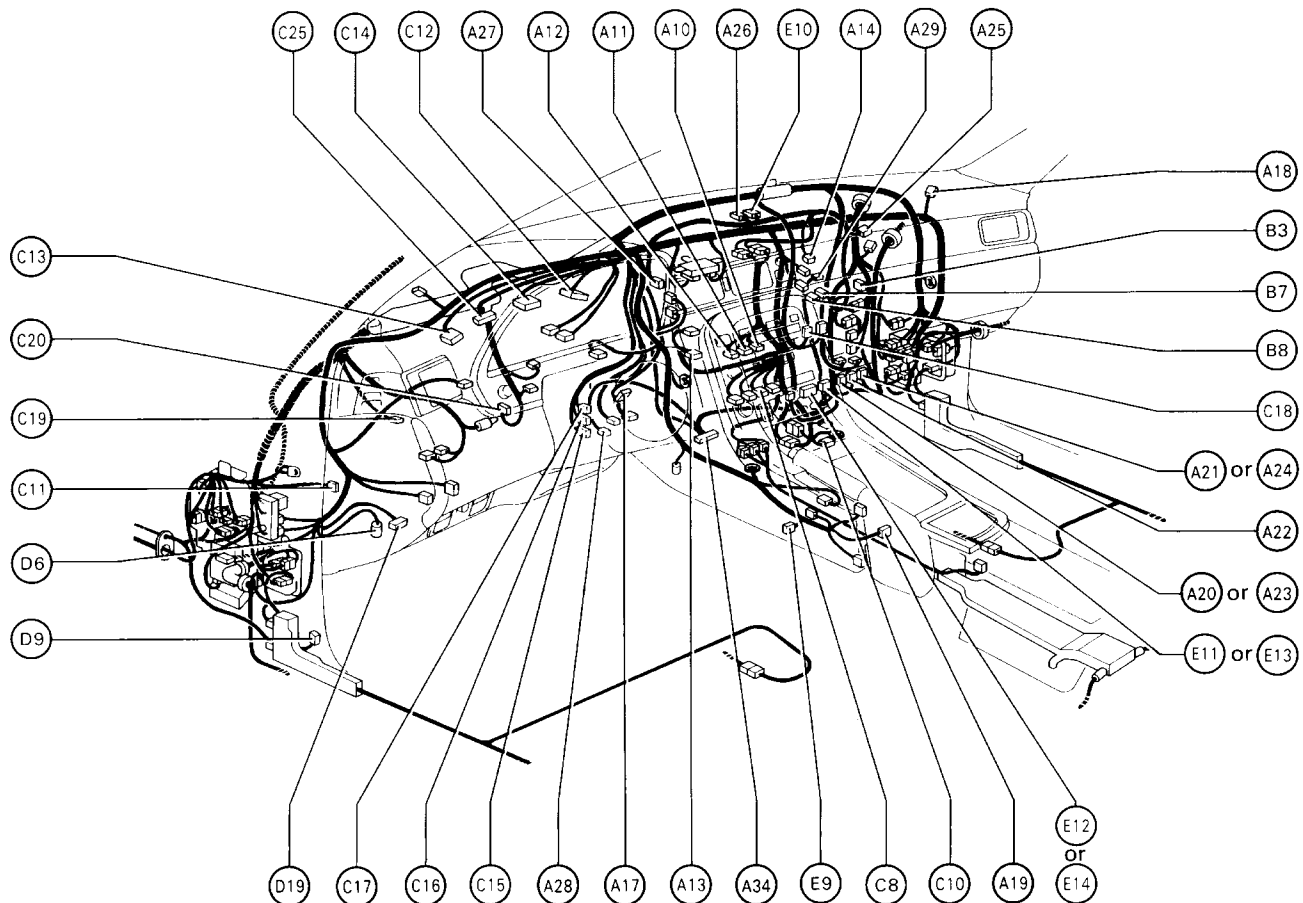
T 1 Theft Deterrent Horn  
 T 2 Throttle Position Sensor

V 1 Vehicle Speed Sensor No.1  
 V 2 Vehicle Speed Sensor No.2 (Electronically  
 Controlled Transmission)  
 V 4 VSV (EGR)  
 V 5 VSV (EVAP)  
 V 6 VSV (Fuel Pressure Up)  
 V 7 VSV (Intake Control Valve)  
 V 8 VSV (Water Valve)

W 1 Washer Lever SW  
 W 2 Washer Motor  
 W 3 Water Temp. Sender  
 W 4 Wiper Motor  
 W 9 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 Control Assembly  
 A13 A/C Control SW and Radio SW  
 A14 A/C Evaporator Temp. Sensor  
 A17 A/C Room Temp. Sensor  
 A18 A/C Solar Sensor  
 A19 A/T Indicator Light (Shift Lever)  
 A20 ABS and Traction ECU  
 A21 ABS and Traction ECU  
 A22 ABS and Traction ECU  
 A23 ABS ECU (w/o Traction Control)  
 A24 ABS ECU (w/o Traction Control)  
 A25 Air Inlet Control Servo Motor  
 A26 Air Mix Control Servo Motor  
 A27 Air Vent Mode Control Servo Motor  
 A28 Airbag Squib (Steering Wheel Pad)  
 A29 Airbag Squib (Front Passenger's Airbag Assembly)  
 A34 Airbag Sensor Assembly

C 8 CD Player  
 C10 Cigarette Lighter  
 C11 Clutch Start SW  
 C12 Combination Meter  
 C13 Combination Meter  
 C14 Combination Meter  
 C15 Combination SW  
 C16 Combination SW  
 C17 Combination SW  
 C18 Cooling Fan ECU  
 C19 Cruise Control Clutch SW  
 C20 Cruise Control ECU  
 C25 Combination Meter

D 6 Data Link Connector 2  
 D 9 Diode (Tension Reducer)  
 D19 Data Link Connector 3

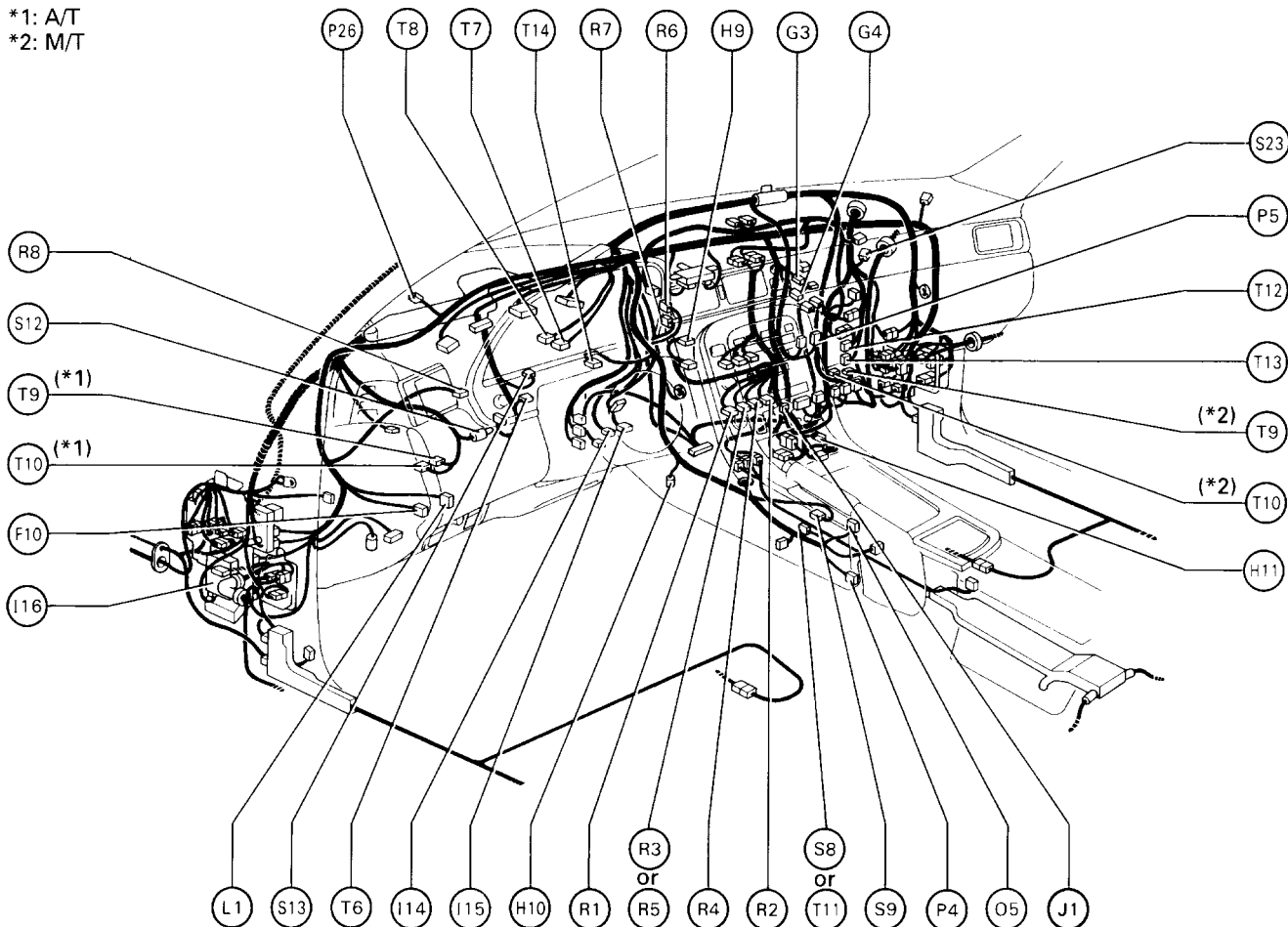
E 9 Electronically Controlled Transmission Pattern Select SW  
 E10 Engine Coolant Temp. Sensor (A/C System)  
 E11 Engine Control Module (A/T)  
 E12 Engine Control Module (A/T)  
 E13 Engine Control Module (M/T)  
 E14 Engine Control Module (M/T)

B 3 Blower Motor  
 B 7 Blower Motor Control Relay  
 B 8 Blower Motor Control Relay

## Position of Parts in Instrument Panel

\*1: A/T

\*2: M/T



F10 Fuel Lid Opener SW

G 3 Glove Box Light

G 4 Glove Box Light SW

H 9 Hazard SW

H10 Heated Oxygen Sensor (Bank 1 Sensor 2)

H11 Heated Oxygen Sensor (Bank 2 Sensor 2)

I14 Ignition Key Cylinder Light

I15 Ignition SW, Key Unlock Warning SW and Key Interlock Solenoid

I16 Integration Relay

J 1 Junction Connector

L 1 Luggage Compartment Door Open SW

O 5 O/D Main SW

P 4 Parking Brake SW

P 5 PPS ECU

P26 Automatic Light Control Sensor

R 1 Radio and Player

R 2 Radio and Player

R 3 Radio and Player (w/ CD Player)

R 4 Radio and Player (w/o CD Player)

R 5 Radio and Player (w/o CD Player)

R 6 Remote Control Mirror ECU

R 7 Remote Control Mirror ECU

R 8 Rheostat

S 8 Seat Heater SW (M/T)

S 9 Shift Lock ECU

S12 Step Light

S13 Stop Light SW

S23 Short connector

T 6 Telescopic Position Sensor

T 7 Theft Deterrent and Door Lock Control ECU

T 8 Theft Deterrent and Door Lock Control ECU

T 9 Tilt and Power Telescopic ECU

T10 Tilt and Power Telescopic ECU

T11 Traction Cut SW and Seat Heater SW (A/T)

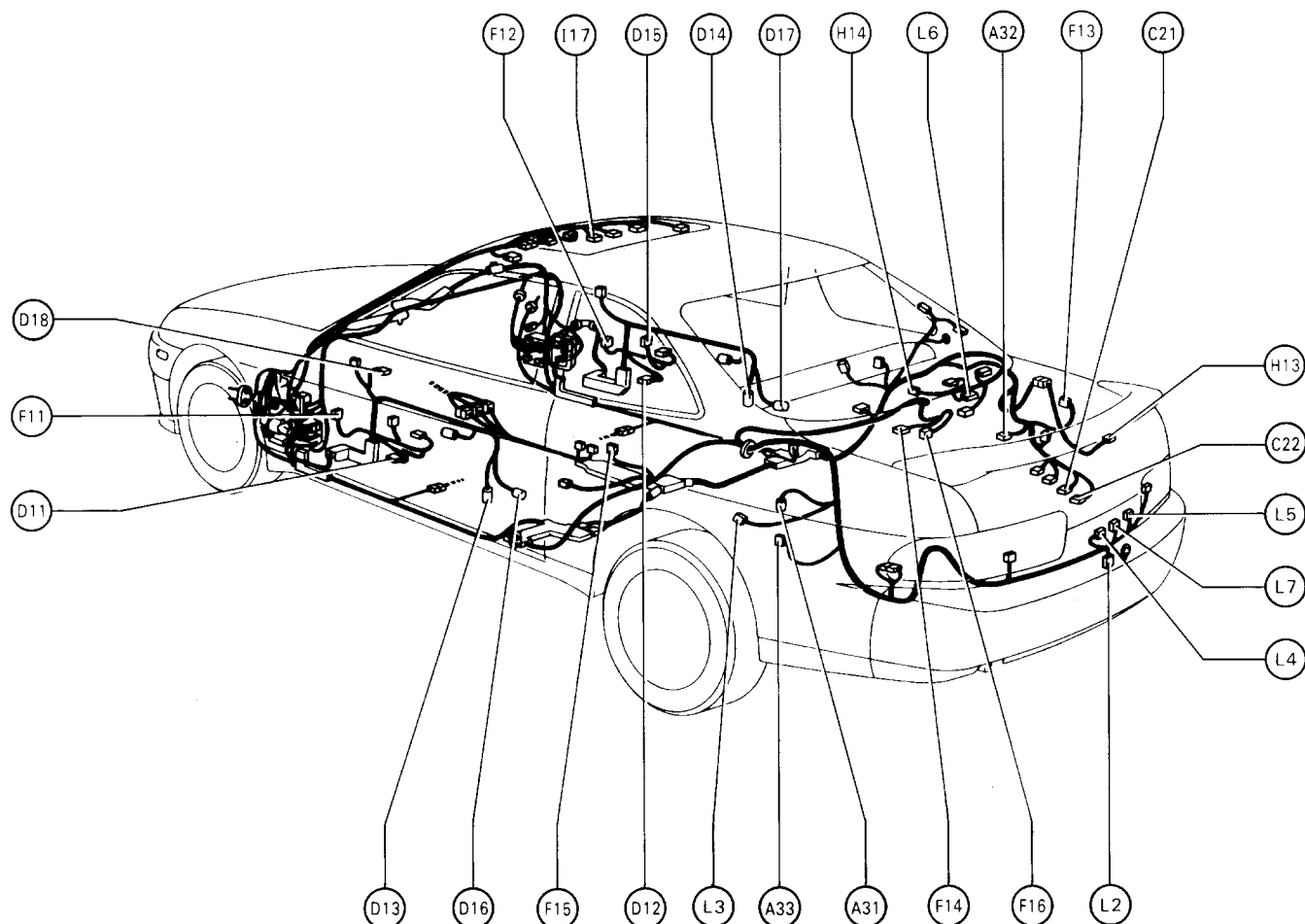
T12 Throttle Driver (w/ Traction Control)

T13 Throttle Driver (w/ Traction Control)

T14 Trip SW and Theft Deterrent Indicator Light

## G ELECTRICAL WIRING ROUTING

### Position of Parts in Body



A31 ABS Speed Sensor Rear LH  
 A32 ABS Speed Sensor Rear RH  
 A33 Auto Antenna Motor and Relay

C21 CD Automatic Changer  
 C22 CD Automatic Changer

D11 Door Courtesy Light LH  
 D12 Door Courtesy Light RH  
 D13 Door Key lock and Unlock SW LH  
 D14 Door Key lock and Unlock SW RH  
 D15 Door Lock Control SW RH  
 D16 Door Lock Motor, Door Unlock Detection SW LH  
 and Door Open Detection SW LH  
 D17 Door Lock Motor, Door Unlock Detection SW RH  
 and Door Open Detection SW RH  
 D18 Driving Position Memory and Return SW

F11 Front Door Speaker LH  
 F12 Front Door Speaker RH  
 F13 Fuel Lid Opener Solenoid  
 F14 Fuel Pump  
 F15 Fuel Pump ECU  
 F16 Fuel Sender

H13 High Mounted Stop Light (w/ Rear Spoiler)  
 H14 High Mounted Stop Light (w/o Rear Spoiler)

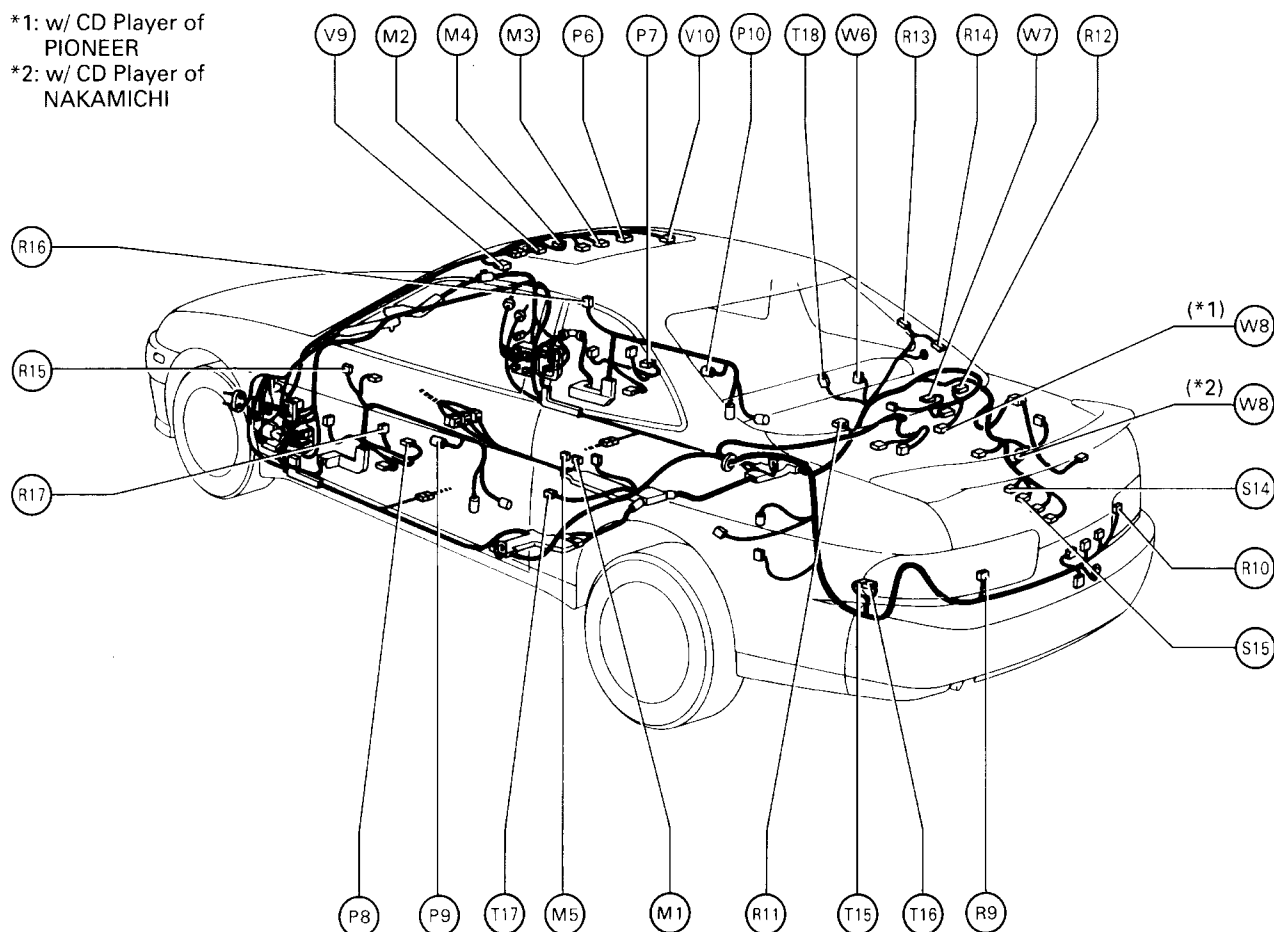
I17 Inner Mirror

L 2 License Plate Light  
 L 3 Light Failure Sensor  
 L 4 Luggage Compartment Door Opener Motor  
 L 5 Luggage Compartment Key Unlock SW  
 L 6 Luggage Compartment Light  
 L 7 Luggage Compartment Light SW

## Position of Parts in Body

\*1: w/ CD Player of  
PIONEER

\*2: w/ CD Player of  
NAKAMICHI



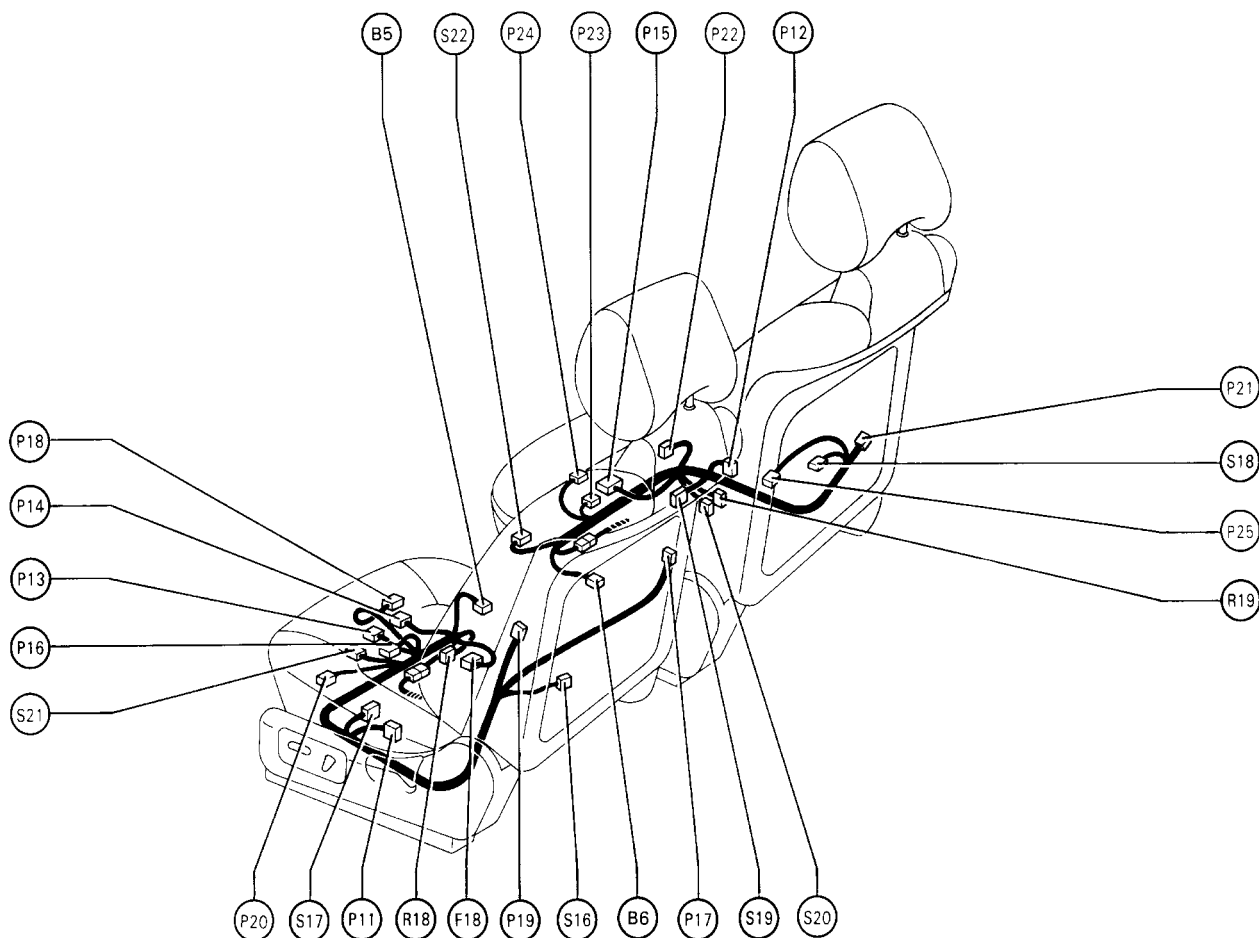
M 1 Mobile Phone  
 M 2 Moon Roof Control Relay  
 M 3 Moon Roof Control SW  
 M 4 Moon Roof Motor and Limit SW  
 M 5 Mobile Phone  
  
 P 6 Personal Light  
 P 7 Power Window Control SW RH  
 P 8 Power Window Master SW and Door Lock Control SW LH  
 P 9 Power Window Motor LH  
 P 10 Power Window Motor RH  
  
 R 9 Rear Combination Light LH  
 R 10 Rear Combination Light RH  
 R 11 Rear Speaker LH  
 R 12 Rear Speaker RH  
 R 13 Rear Window Defogger (+)  
 R 14 Rear Window Defogger (-)

R 15 Remote Control Mirror LH  
 R 16 Remote Control Mirror RH  
 R 17 Remote Control Mirror SW  
  
 S 14 Stereo Power Amplifier  
 S 15 Stereo Power Amplifier  
  
 T 15 Telephone Transceiver and Speaker Relay  
 T 16 Telephone Transceiver and Speaker Relay  
 T 17 Tension Reducer Solenoid LH  
 T 18 Tension Reducer Solenoid RH  
  
 V 9 Vanity Light LH  
 V 10 Vanity Light RH  
  
 W 6 Wireless Door Lock Control ECU  
 W 7 Woofer Speaker  
 W 8 Woofer Speaker Amplifier



# G ELECTRICAL WIRING ROUTING

## Position of Parts in Seat



B 5 Buckle SW LH  
B 6 Buckle SW RH

F18 Front Vertical Position Sensor

P11 Power Seat Control SW (Driver's Seat)  
P12 Power Seat Control SW (Passenger's Seat)  
P13 Power Seat ECU (Driver's Seat)  
P14 Power Seat ECU (Driver's Seat)  
P15 Power Seat ECU (Passenger's Seat)  
P16 Power Seat Motor (Driver's Seat Front Vertical Control)  
P17 Power Seat Motor (Driver's Seat Lumbar Support Control)  
P18 Power Seat Motor (Driver's Seat Rear Vertical Control)  
P19 Power Seat Motor (Driver's Seat Reclining Motor Control)  
P20 Power Seat Motor (Driver's Seat Slide Control)

P21 Power Seat Motor (Passenger's Seat Reclining Control)  
P22 Power Seat Motor (Passenger's Seat Slide Control)  
P23 Power Seat Motor (Passenger's Seat Front Vertical Control)  
P24 Power Seat Motor (Passenger's Seat Rear Vertical Control)  
P25 Power Seat Motor (Passenger's Seat Lumbar Support Control)  
R18 Rear Vertical Position Sensor  
R19 Reclining Limit SW  
S16 Seat Heater (Driver's Seat Back)  
S17 Seat Heater (Driver's Seat Cushion)  
S18 Seat Heater (Passenger's Seat Cushion)  
S20 Slide Limit SW  
S21 Slide Position Sensor (Driver's Seat)  
S22 Slide Position Sensor (Passenger's Seat)

