



TOYOTA

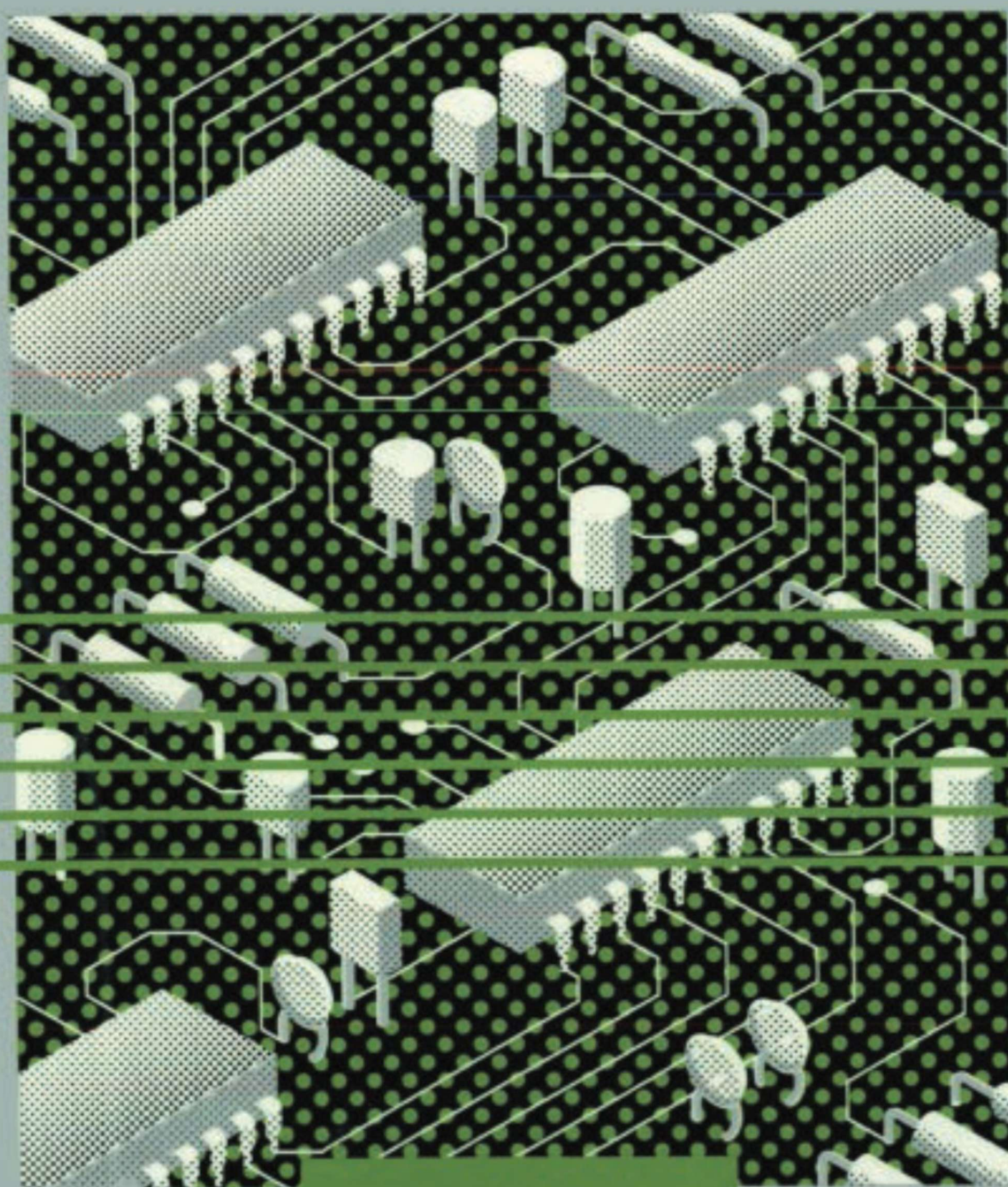
LAND CRUISER / LAND CRUISER PRADO

ELECTRICAL WIRING DIAGRAM

SUPPLEMENT

VZJ 9_ Series
KZJ 9_ Series
RZJ 9_ Series
LJ 9_ Series

Jun., 1999~



FOREWORD

This supplement provides information covering changes in the electrical system specifications of the LAND CRUISER / LAND CRUISER PRADO which were made in Jun., 1999.

Applicable models: VZJ90, 95 Series
KZJ90, 95 Series
RZJ90, 95 Series
LJ90, 95 Series

For information which is not mentioned in this manual, please refer to the following Electrical Wiring Diagram Manuals:

Manual Name	Pub. No.
● LAND CRUISER / LAND CRUISER PRADO Electrical Wiring Diagram	EWD269F
● LAND CRUISER / LAND CRUISER PRADO Electrical Wiring Diagram Supplement	EWD340F
● LAND CRUISER / LAND CRUISER PRADO Chassis and Body Repair Manual Supplement	RM702E

All information in this manual is based on the latest product information at the time of publication. However, specifications and procedures are subject to change without notice.

TOYOTA MOTOR CORPORATION

NOTICE

When handling supplemental restraint system components (removal, installation or inspection, etc.), always follow the direction given in the repair manuals listed above to prevent accidents and supplemental restraint system malfunction.

LAND CRUISER / LAND CRUISER PRADO ELECTRICAL WIRING DIAGRAM

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SCHEMA DE CABLAGE ELECTRIQUE DE LA LAND CRUISER / LAND CRUISER PRADO

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SCHEMA GENERAL DE CABLAGE ELECTRIQUE	I	189

This manual consists of the following 9 sections:

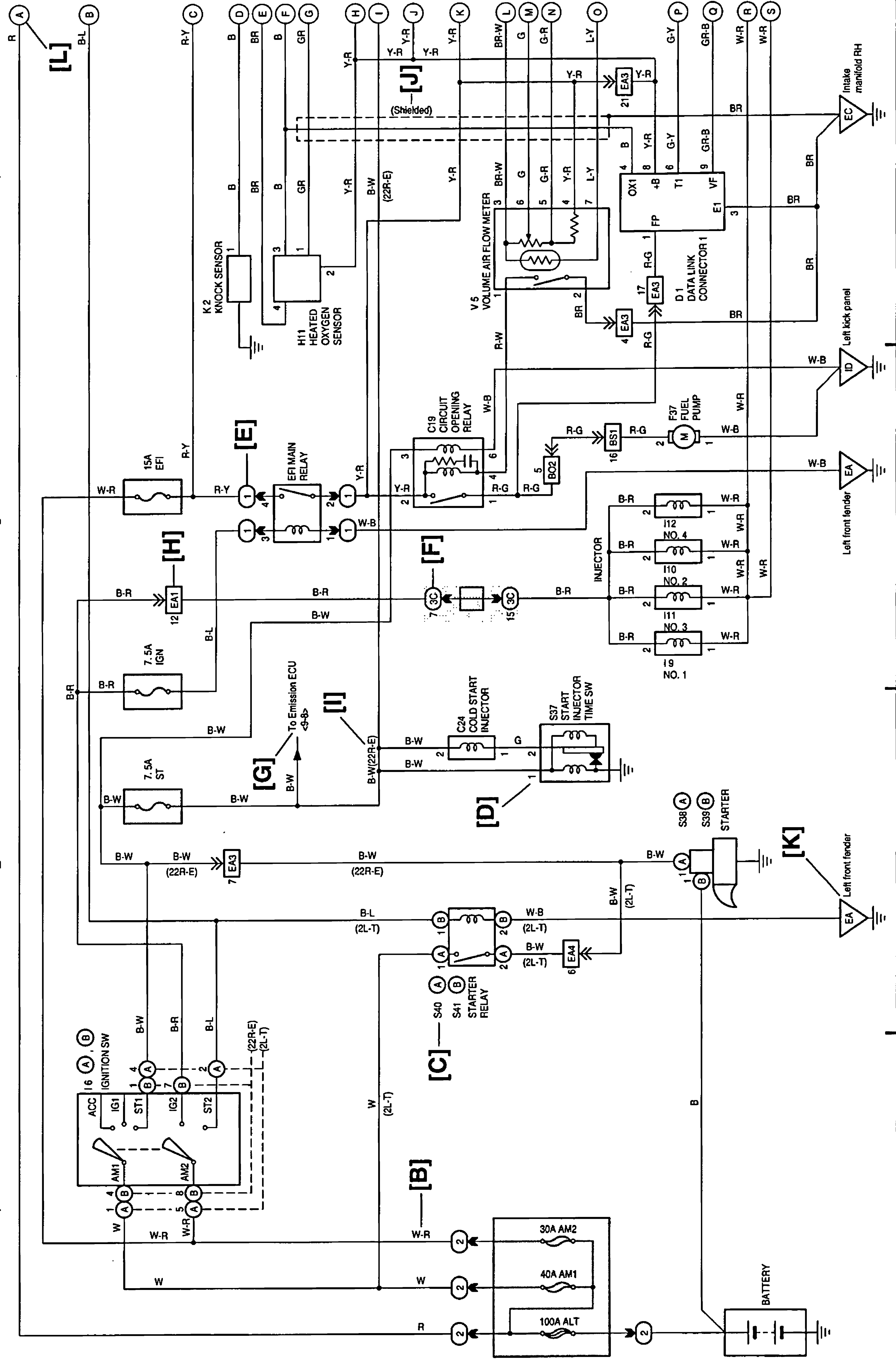
No.	Section	Description
A	INDEX	Index of the contents of this manual.
	INTRODUCTION	Brief explanation of each section.
B	HOW TO USE THIS MANUAL	Instructions on how to use this manual.
C	ABBREVIATIONS	Defines the abbreviations used in this manual.
D	RELAY LOCATIONS	Shows position of the Electronic Control Unit, Relays, Relay Block, etc. This section is closely related to the wiring diagram.
E	ELECTRICAL WIRING ROUTING	Describes position of the Parts Connectors, Ground points, etc. This section is closely related to the wiring diagram.
F	CONNECTOR LIST	Describes the form of the connectors for the parts appeared in this book. This section is closely related to the wiring diagram.
G	CONNECTOR INFORMATION	Indicates the reference page (See Page) showing the part name corresponding to the part number, and the installation position of the part in the vehicle. (For French, Spanish, German manuals only)
H	PART NUMBER OF CONNECTORS	Indicates the part number of the connectors used in this manual.
I	OVERALL ELECTRICAL WIRING DIAGRAM	Provides circuit diagrams showing the circuit connections.

HOW TO READ THIS SECTION

Power Source

Engine Control

4



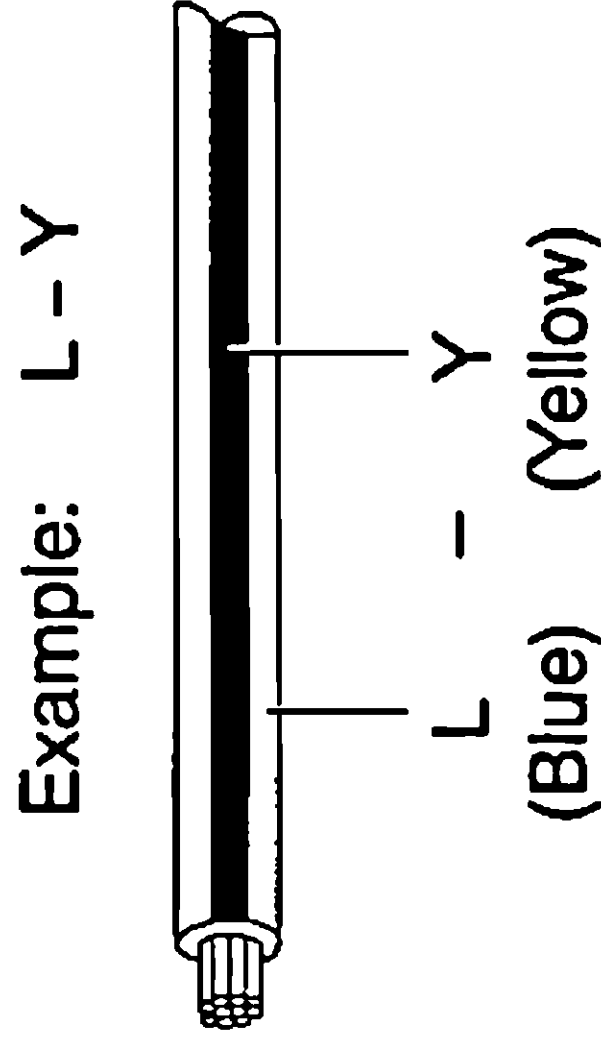
[A] : System Title

[B] : Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

B = Black	W = White	BR = Brown
L = Blue	V = Violet	SB = Sky Blue
R = Red	G = Green	LG = Light Green
P = Pink	Y = Yellow	GR = Gray
O = Orange		

The first letter indicates the basic wire color and the second letter indicates the color of the stripe.

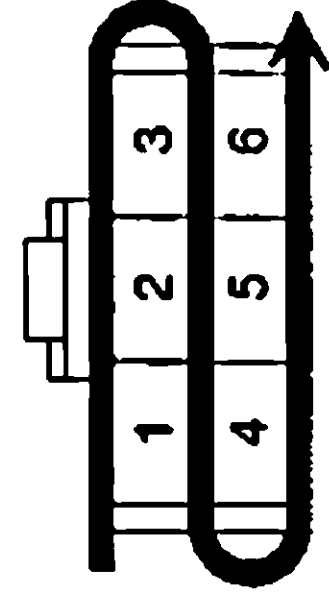


[C] : The position of the parts is the same as shown in the wiring diagram and wire routing.

[D] : Indicates the pin number of the connector.

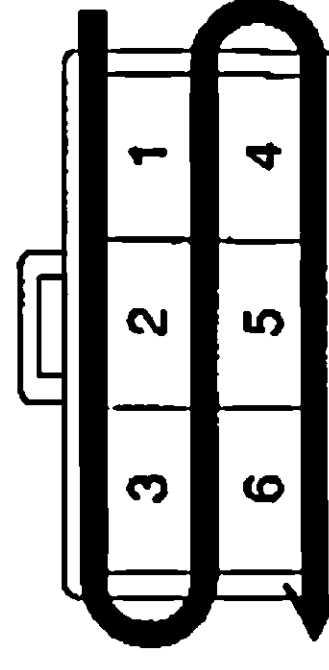
The numbering system is different for female and male connectors.

Example: Numbered in order from upper left to lower right



Female

Numbered in order from upper right to lower left



Male

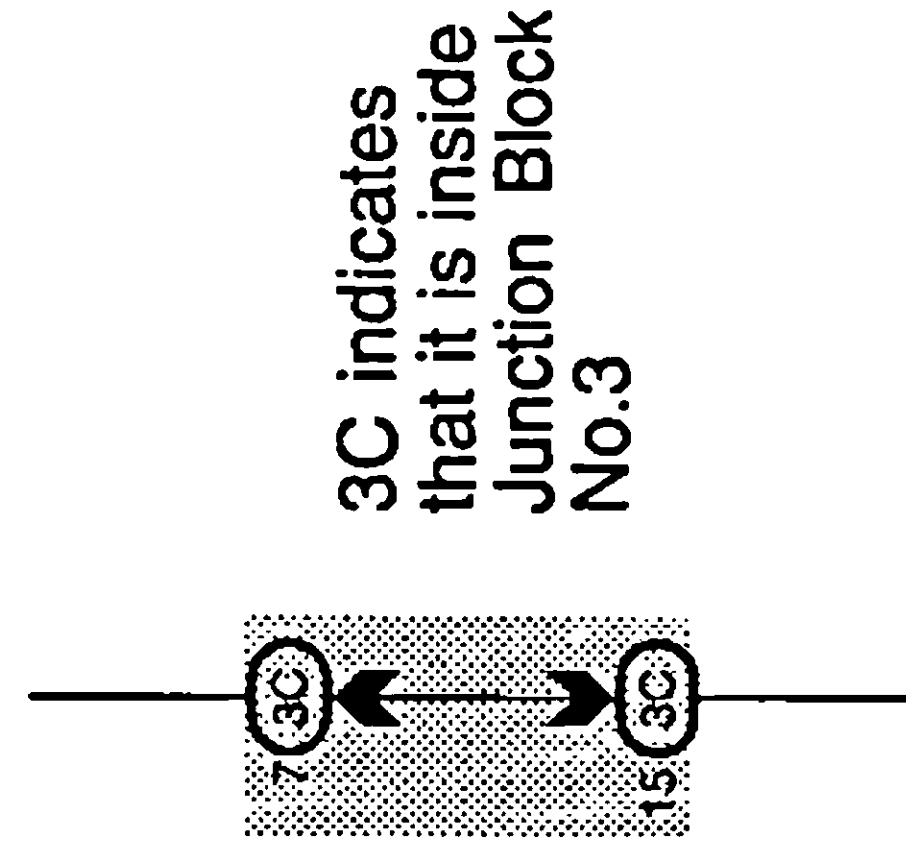
The numbering system for the overall wiring diagram is the same as above.

[E] : Indicates a Relay Block. No shading is used and only the Relay Block No. is shown to distinguish it from the J/B.

Example: ① Indicates Relay Block No.1

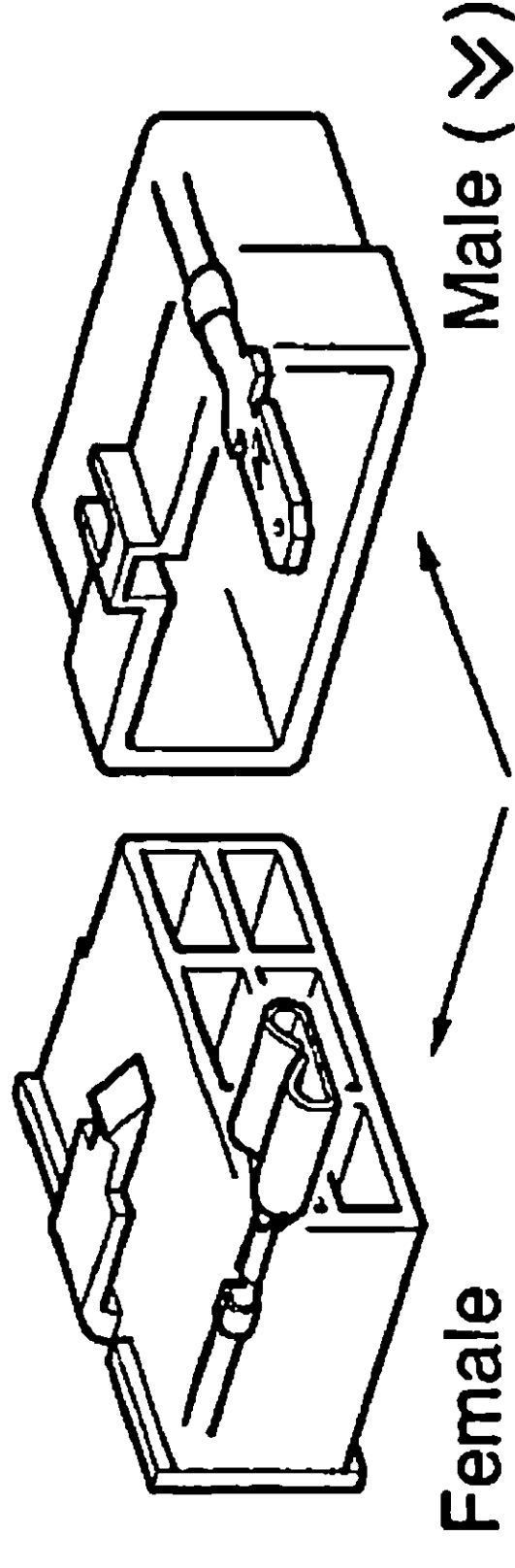
[F] : Junction Block (The number in the circle is the J/B No. and the connector code is shown beside it). Junction Blocks are shaded to clearly separate them from other parts.

Example



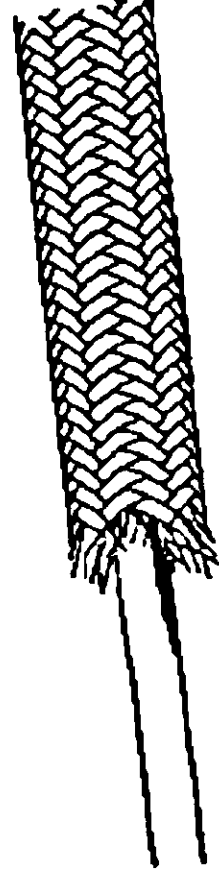
[G] : Indicates related system.

[H] : Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (↗).



[I] : () is used to indicate different wiring and connector, etc. when the vehicle model, engine type, or specification is different.

[J] : Indicates a shielded cable.



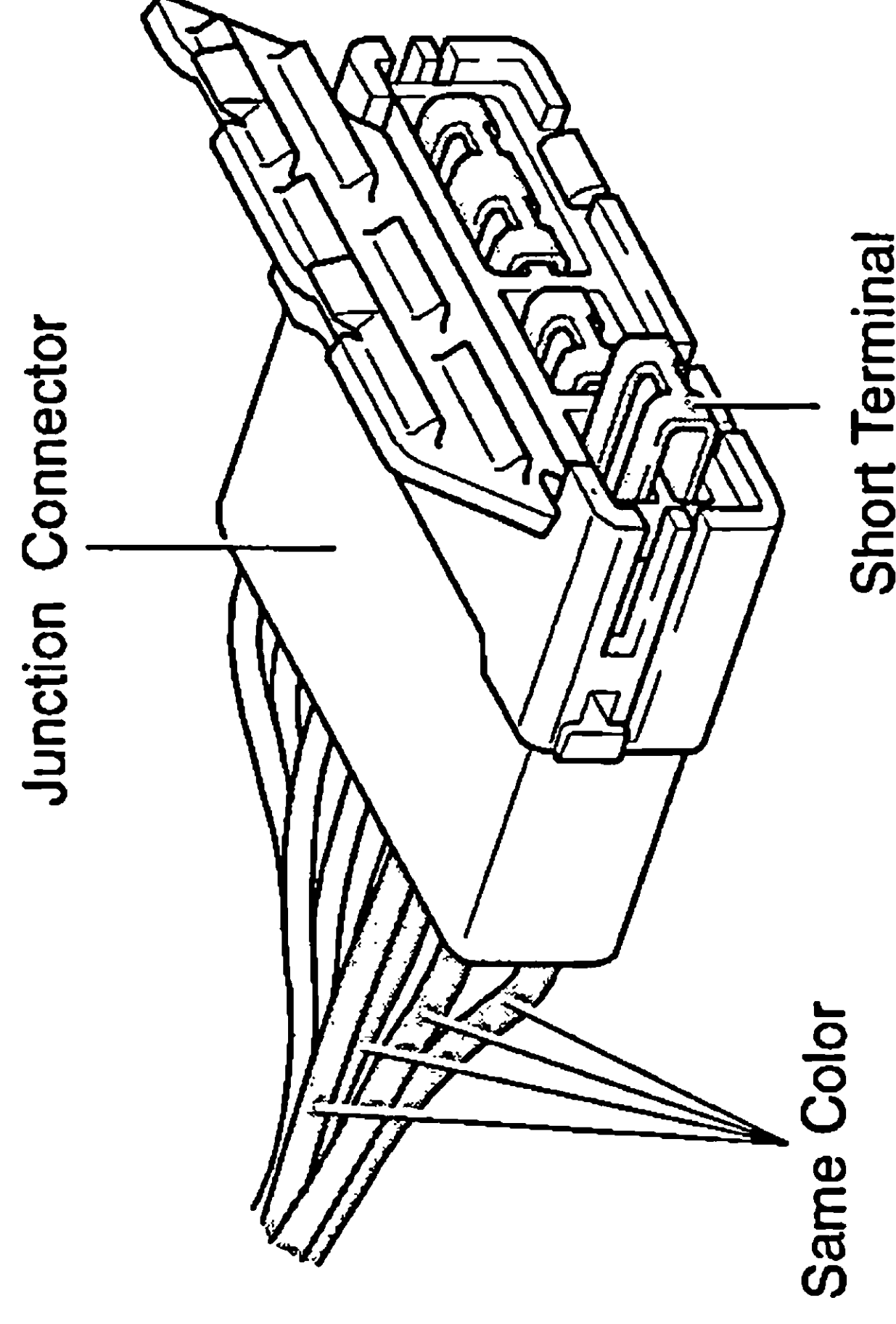
[K] : Indicates and located on ground point.

[L] : The same code occurring on the next page indicates that the wire harness is continuous.

HINT :

Junction connector in this manual include a short terminal which is connected to a number of wire harnesses. Always perform inspection with the short terminal installed. (When installing the wire harnesses, the harnesses can be connected to any position within the short terminal grouping. Accordingly, in other vehicles, the same position in the short terminal may be connected to a wire harness from a different part.)

Wire harness sharing the same short terminal grouping have the same color.



ABBREVIATIONS

The following abbreviations are used in this manual.

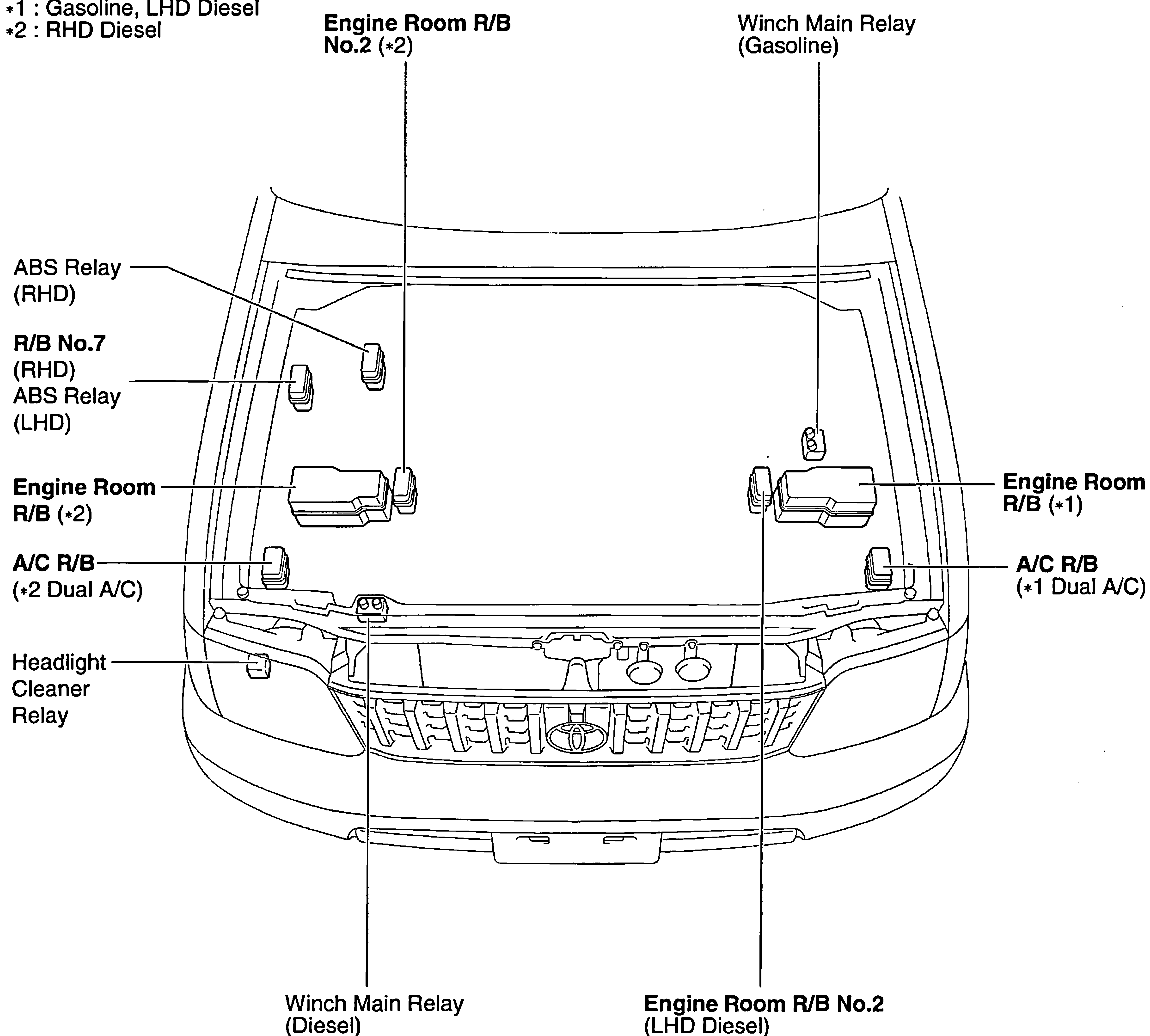
ABS	=	Anti-Lock Brake System
A/C	=	Air Conditioner
A/T	=	Automatic Transmission
COMB.	=	Combination
DIFF.	=	Differential
DLC3	=	Data Link Connector 3
ECT	=	Electronically Controlled Transmission
ECU	=	Electronic Control Unit
EFI	=	Electronic Fuel Injection
EGR	=	Exhaust Gas Recirculation
EVAP	=	Evaporative Emission
G.C.C.	=	Gulf Cooperation Council
ISC	=	Idle Speed Control
J/B	=	Junction Block
LH	=	Left-Hand
LHD	=	Left-Hand Drive
M/T	=	Manual Transmission
O/D	=	Overdrive
R/B	=	Relay Block
RH	=	Right-Hand
RHD	=	Right-Hand Drive
SRS	=	Supplemental Restraint System
SW	=	Switch
TEMP.	=	Temperature
VSC	=	Vehicle Stability Control
VSV	=	Vacuum Switching Valve
w/	=	With
w/o	=	Without
4WD	=	Four Wheel Drive Vehicles

* The titles given inside the components are the names of the terminals (terminal codes) and are not treated as being abbreviations.

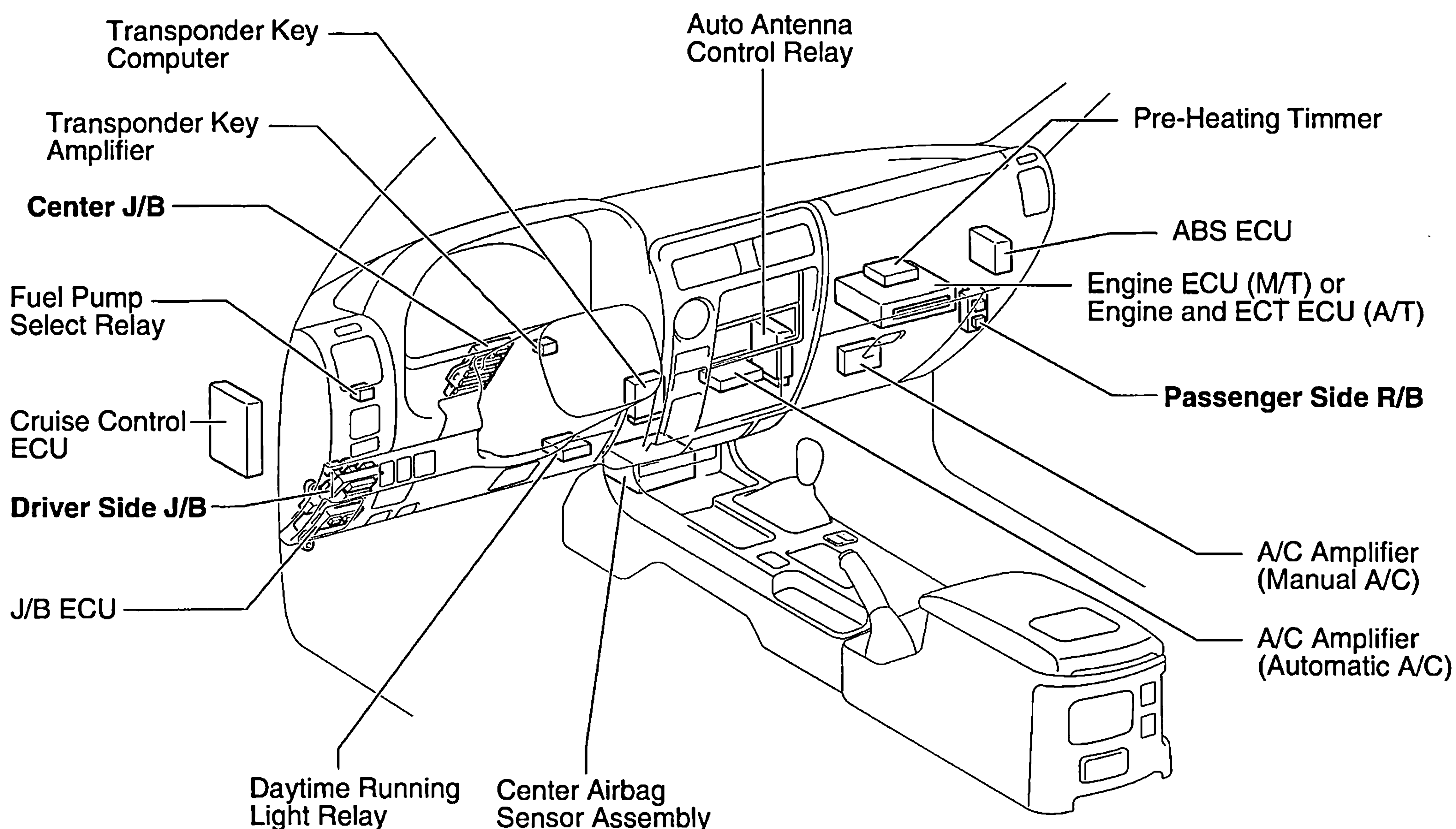
D RELAY LOCATIONS

[Engine Compartment]

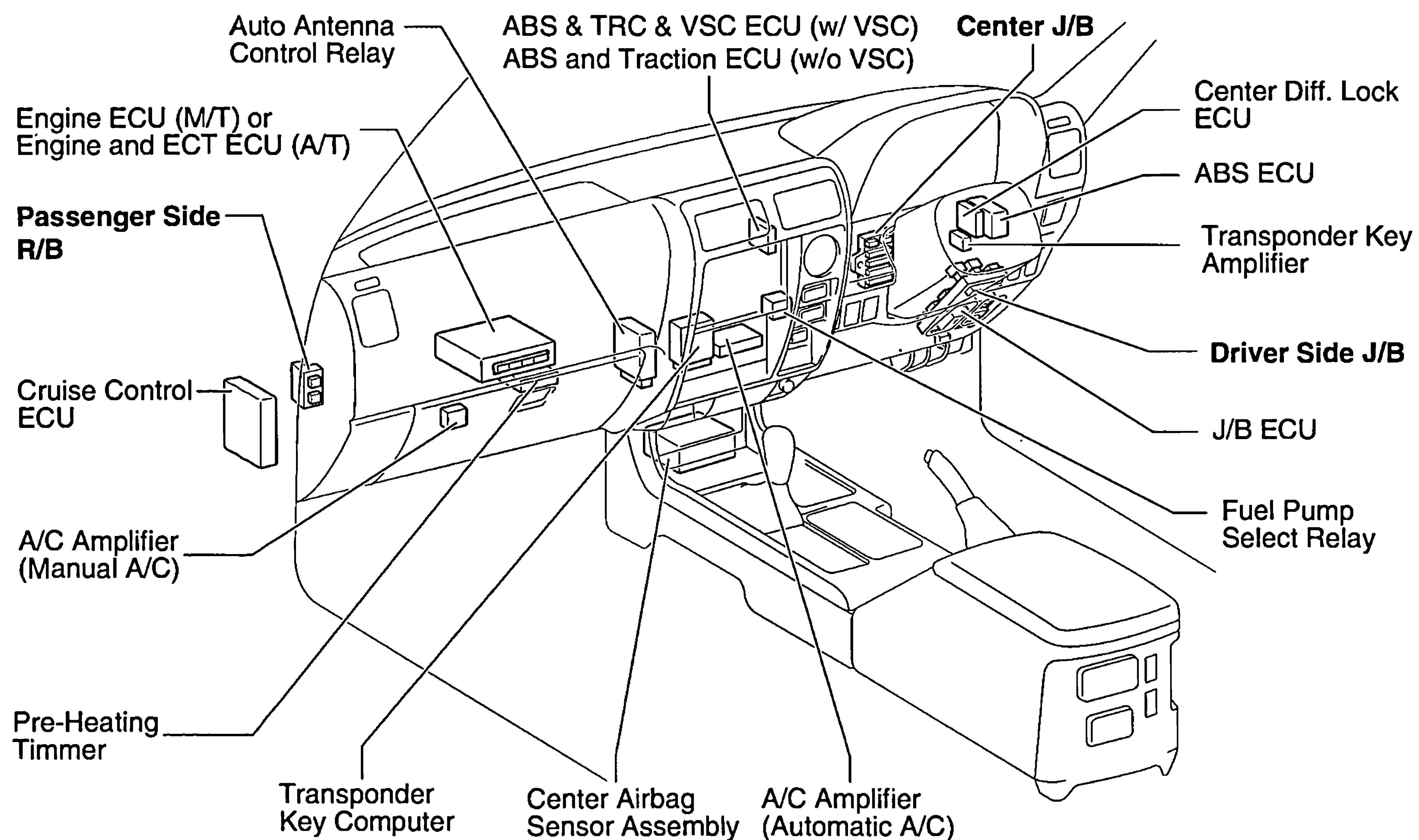
- *1 : Gasoline, LHD Diesel
- *2 : RHD Diesel



[Instrument Panel] (LHD)

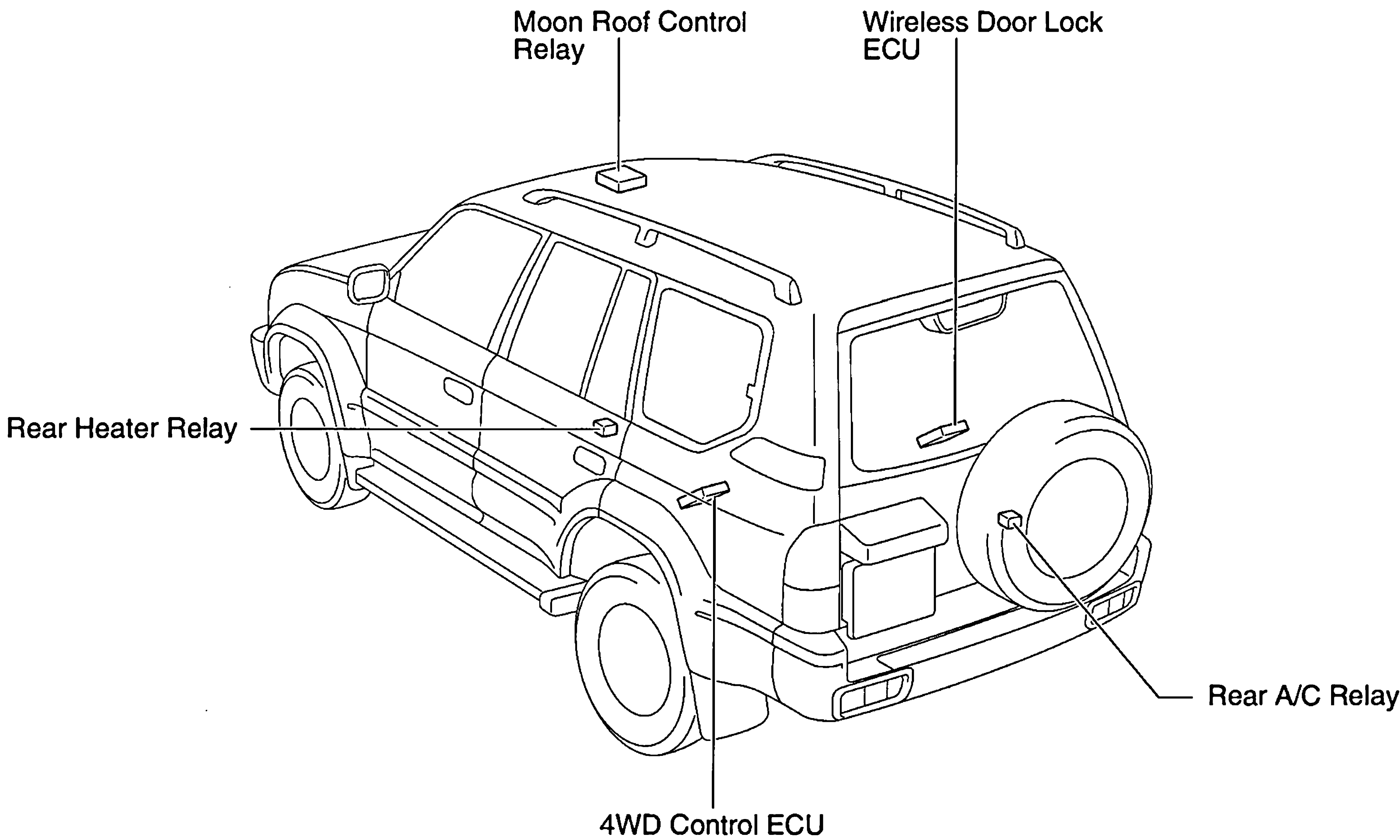


(RHD)

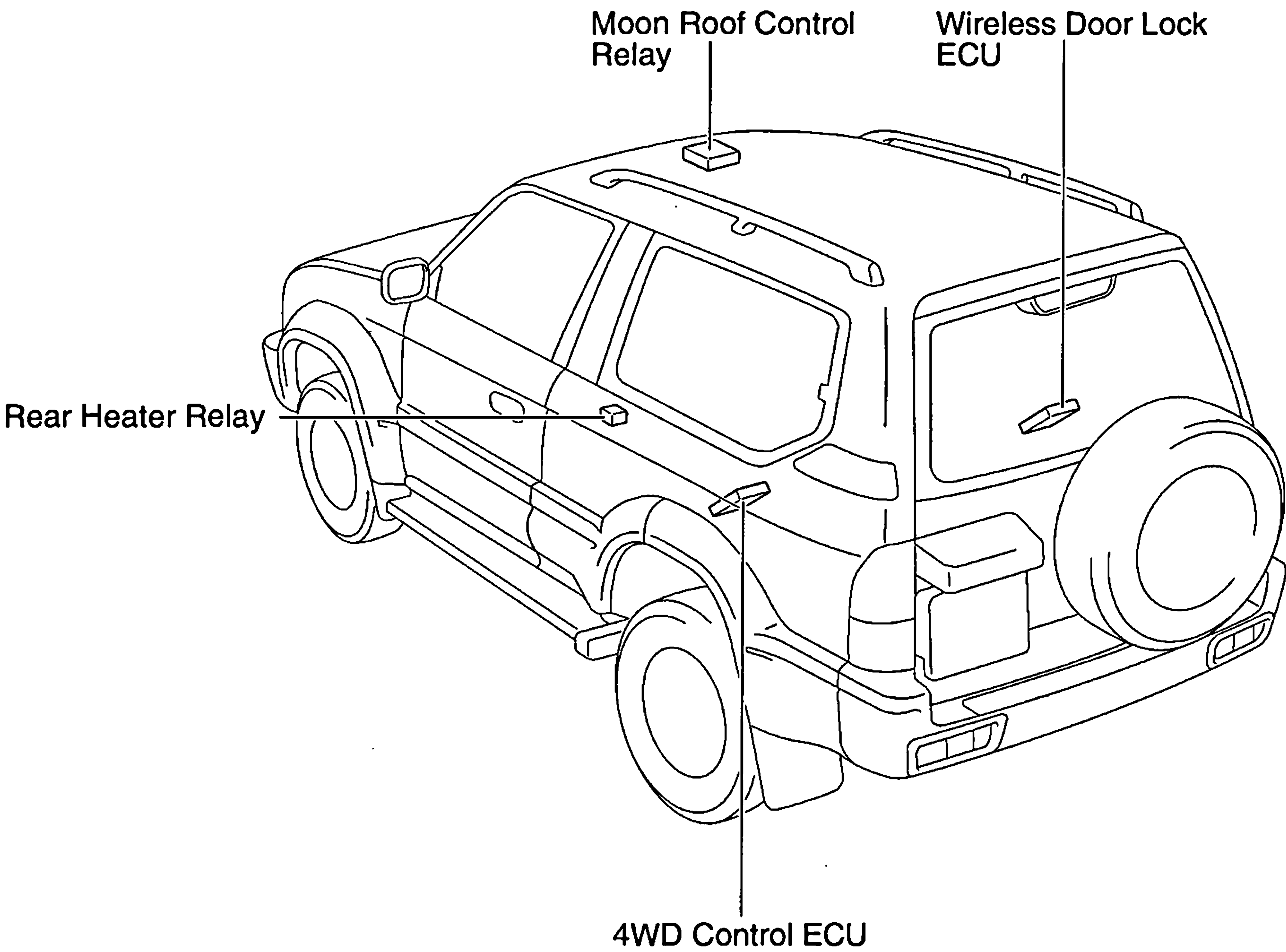


D RELAY LOCATIONS

[Body]
(5-Door)



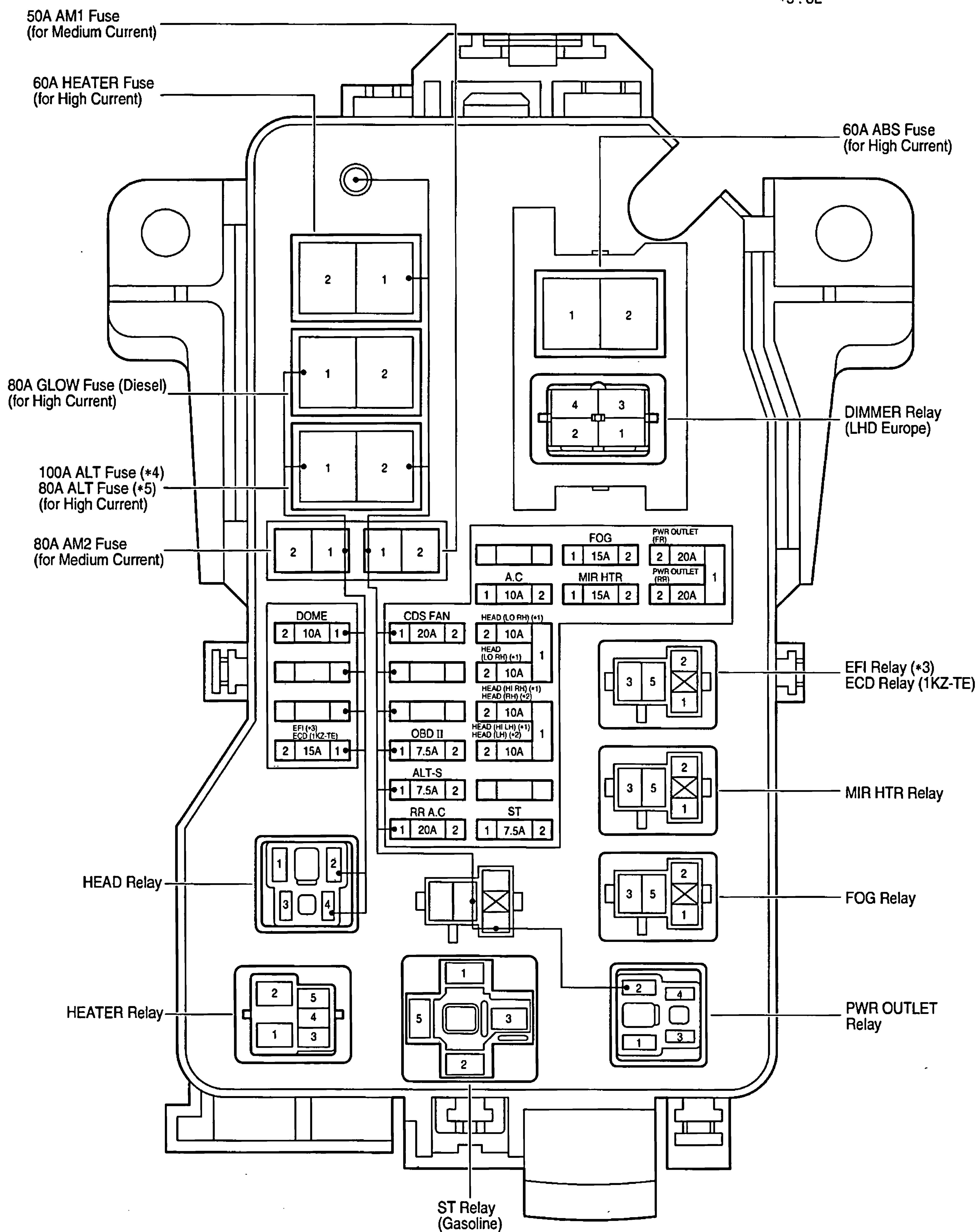
(3-Door)



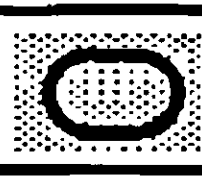
② : Engine Room R/B

Gasoline, LHD Diesel : Engine Compartment Left (See Page 22)
 RHD Diesel : Engine Compartment Right (See Page 22)

- *1 : w/ Daytime Running Light
- *2 : w/o Daytime Running Light
- *3 : 5VZ-FE, 3RZ-FE
- *4 : Except 3L
- *5 : 3L

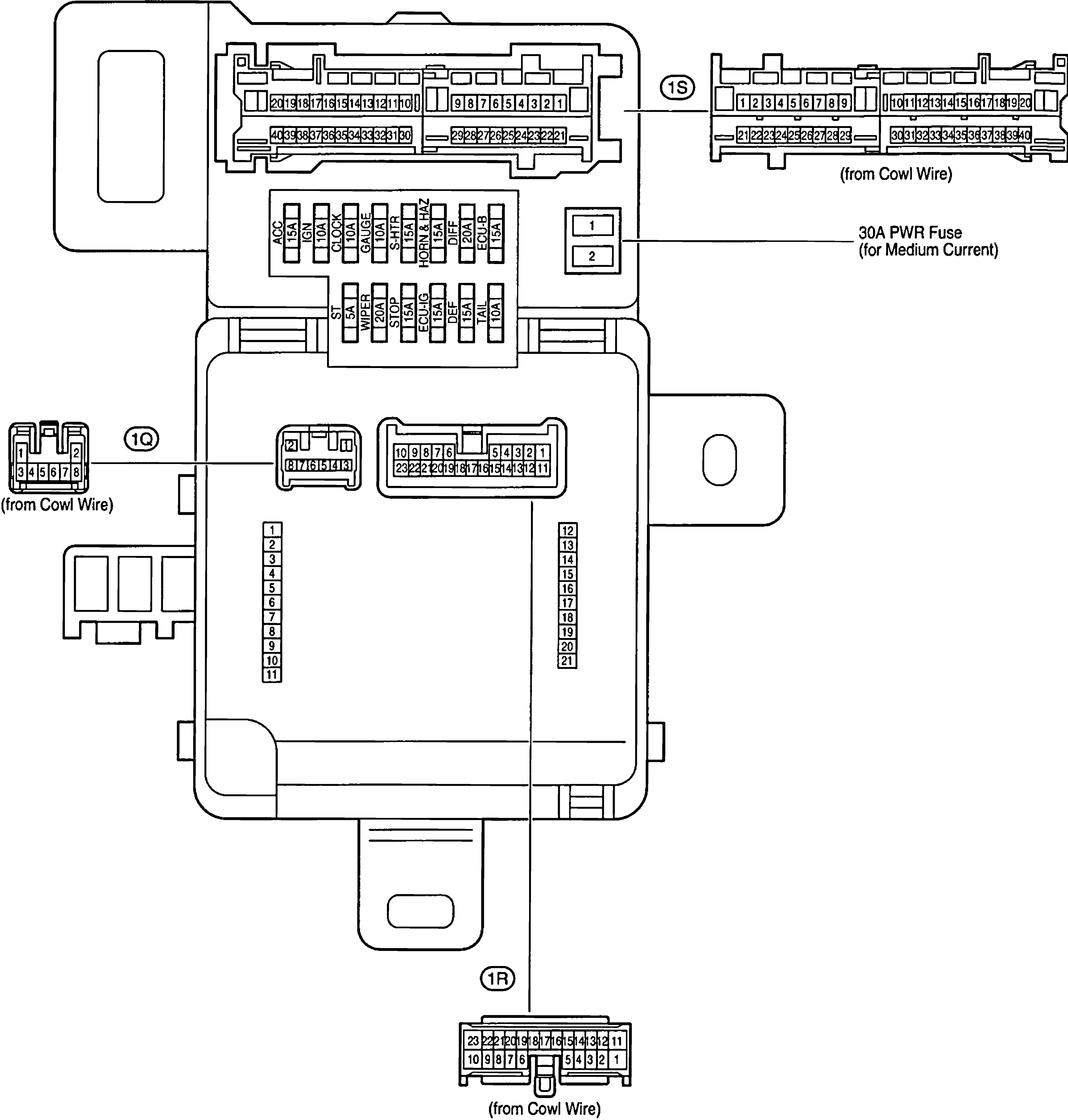


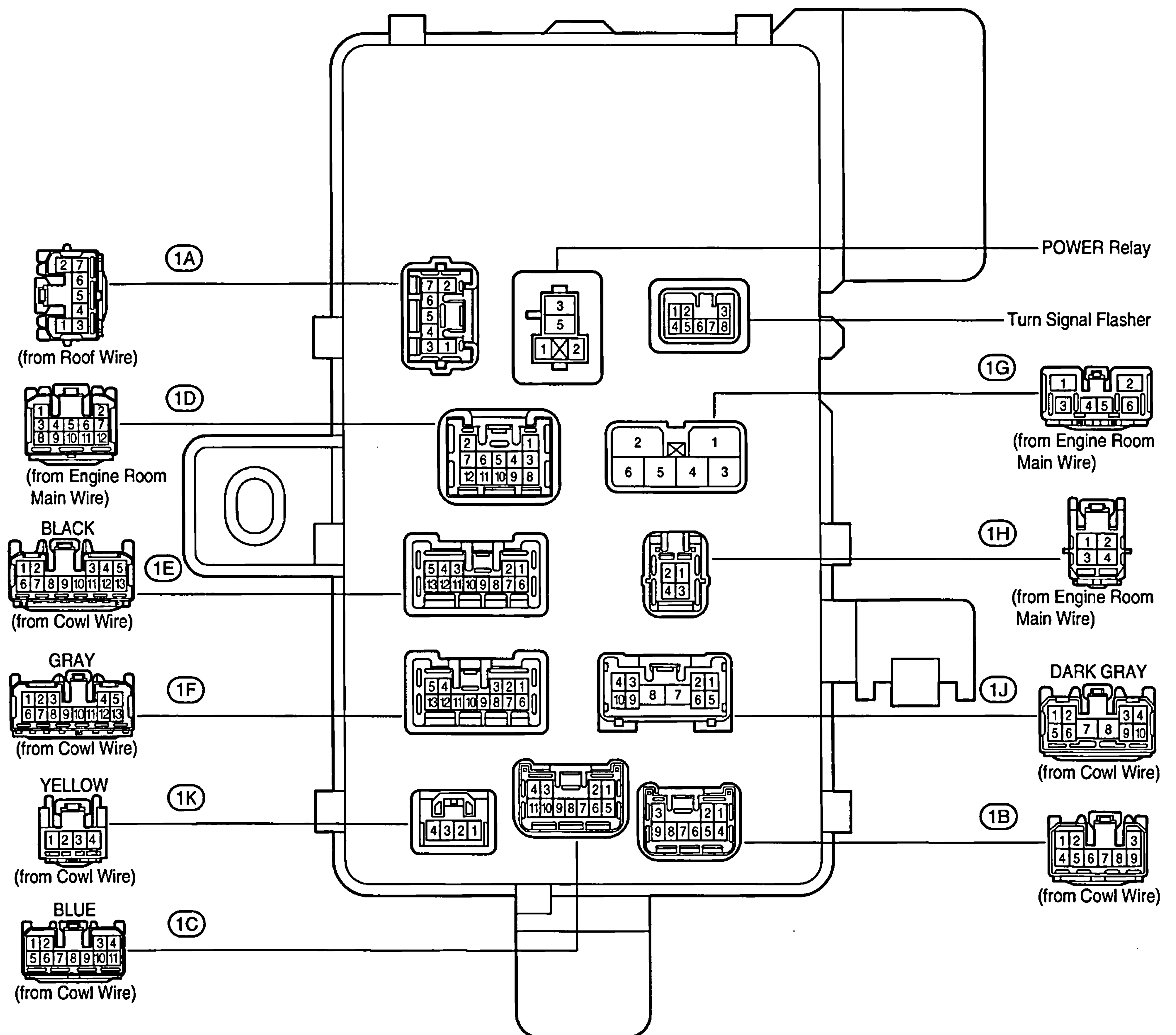
D RELAY LOCATIONS

 : Driver Side J/B

Lower Finish Panel (See Page 23)

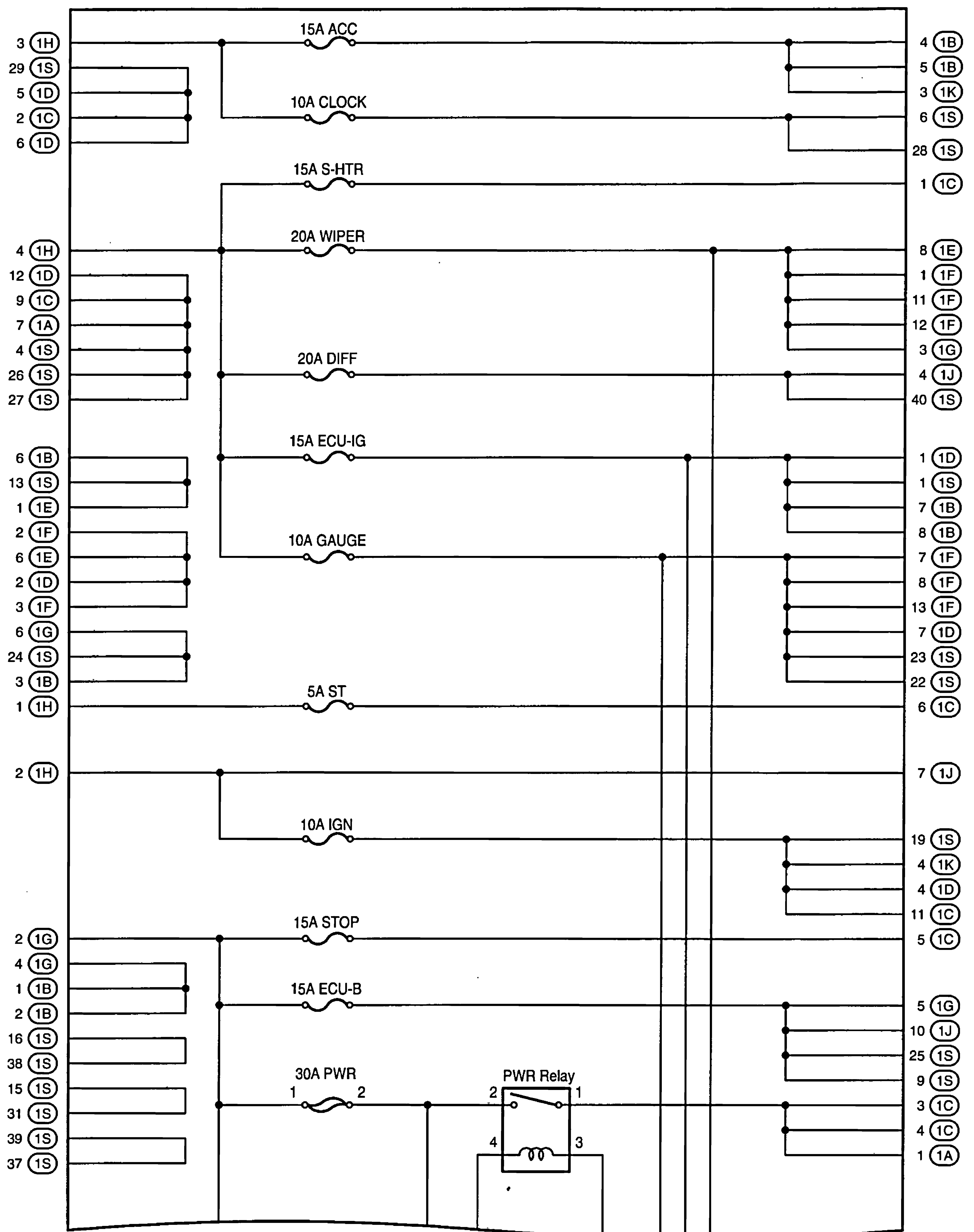
[LHD]



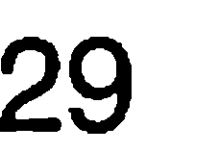


D RELAY LOCATIONS

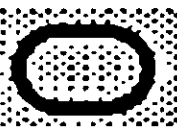
[Driver Side J/B Inner Circuit]



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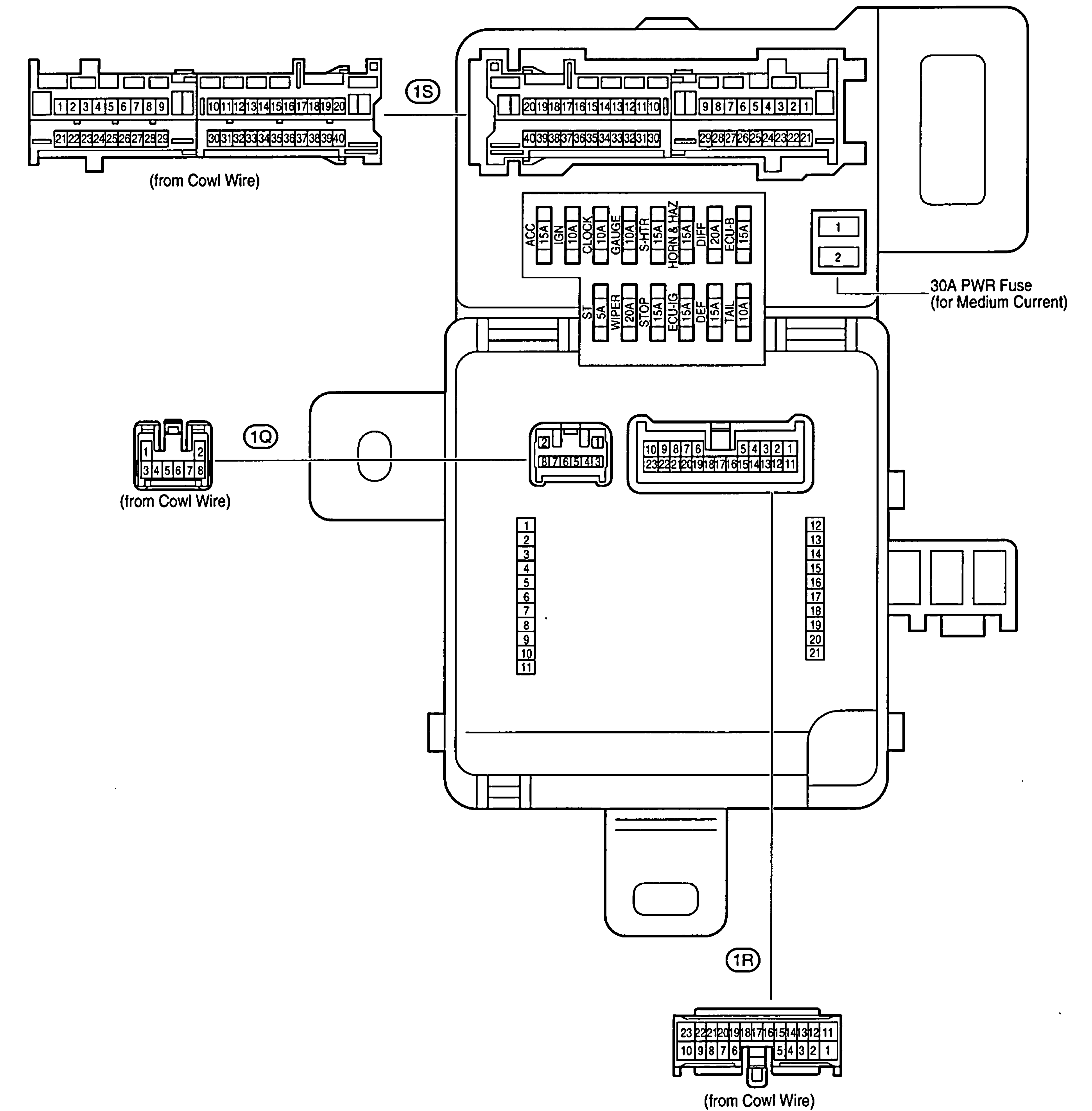


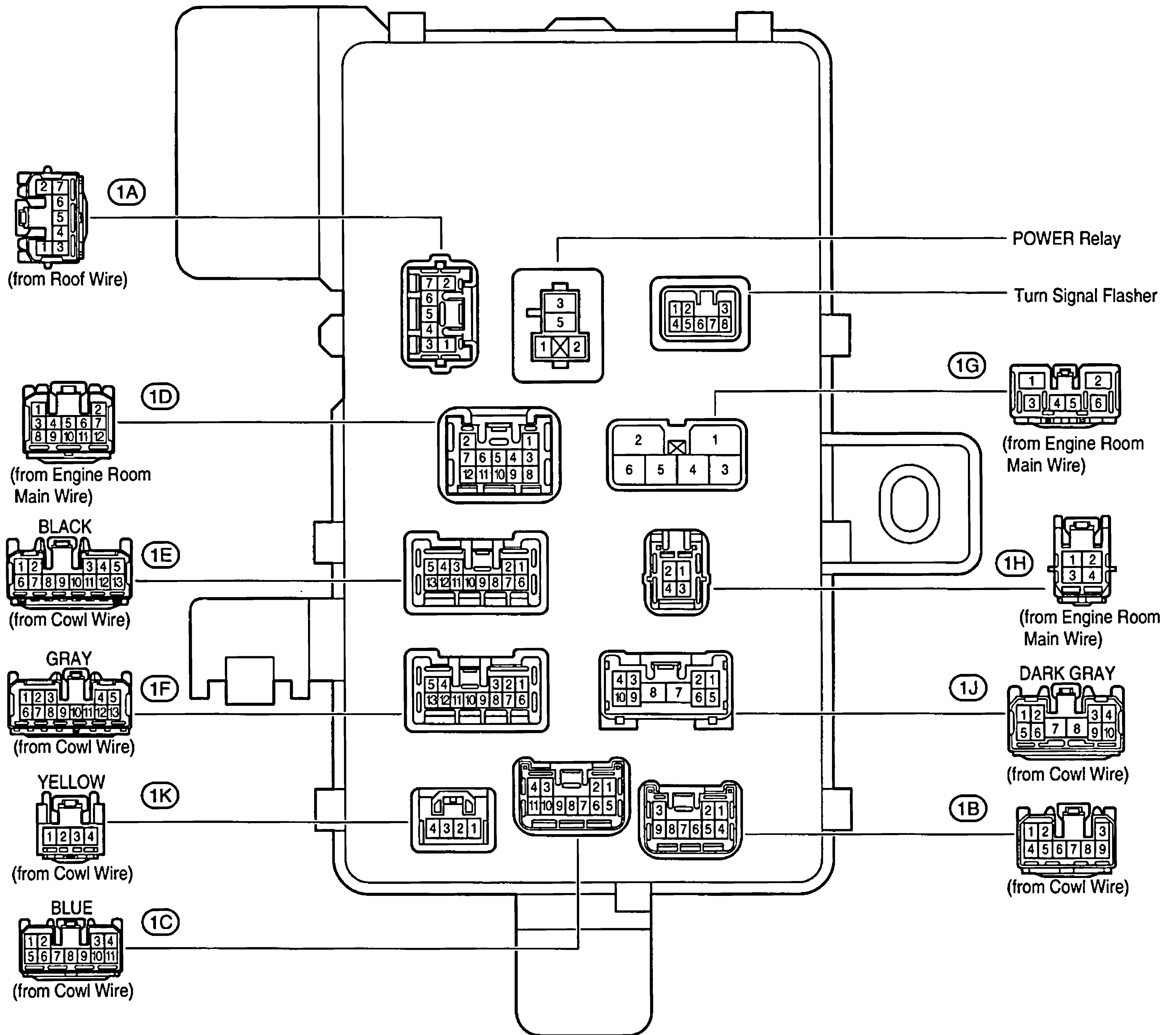
D RELAY LOCATIONS

 : Driver Side J/B

Lower Finish Panel (See Page 23)

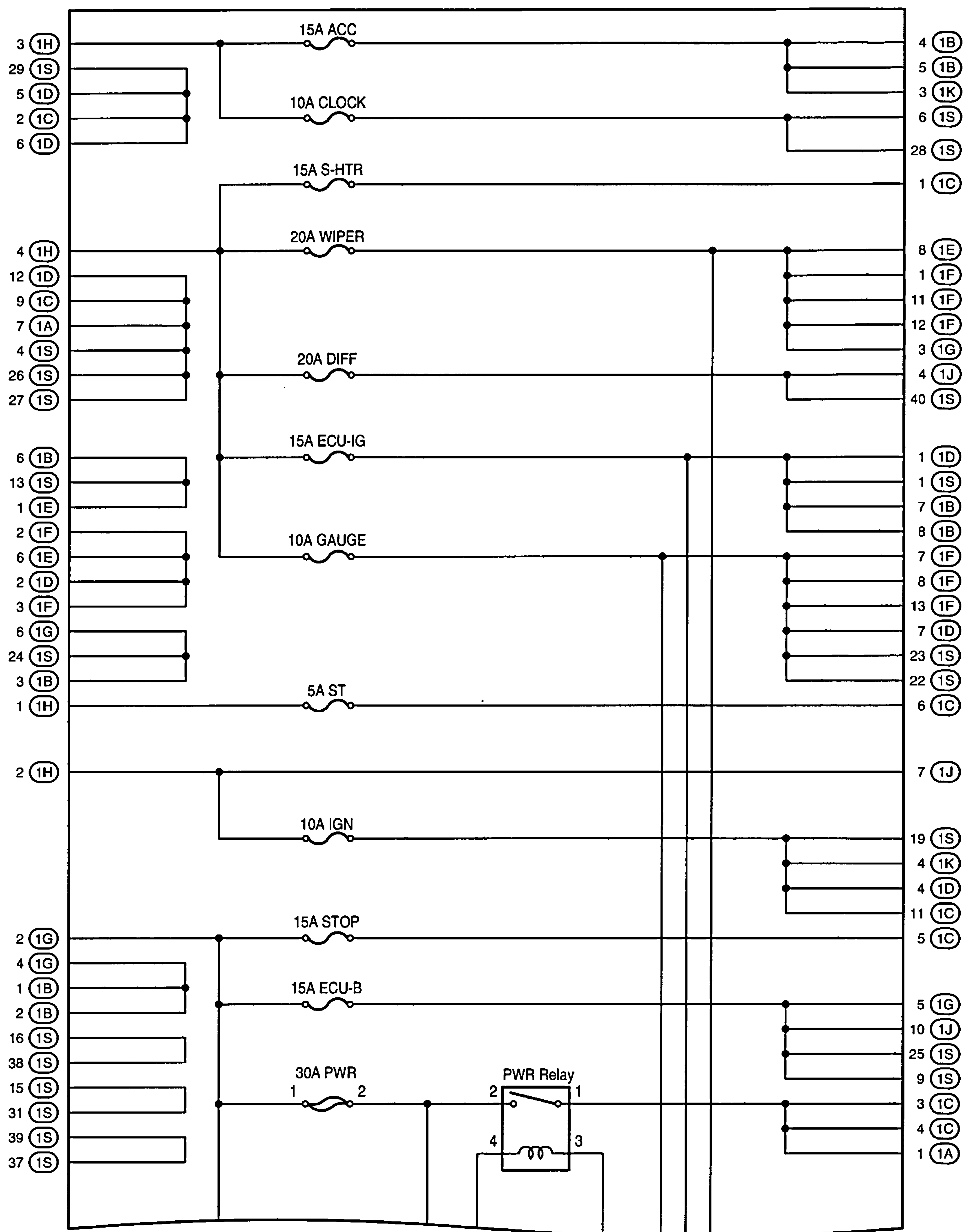
[RHD]





D RELAY LOCATIONS

[Driver Side J/B Inner Circuit]

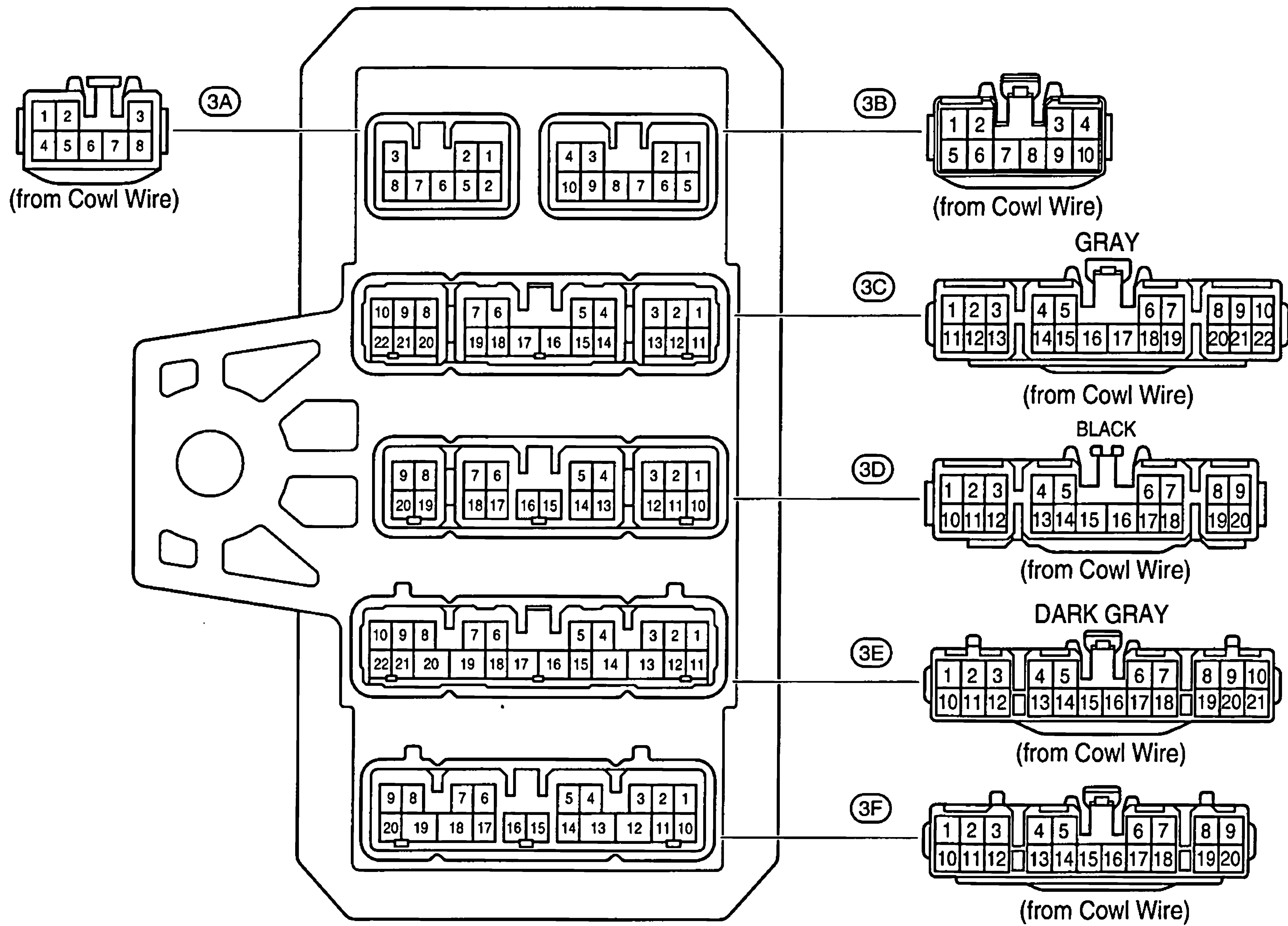


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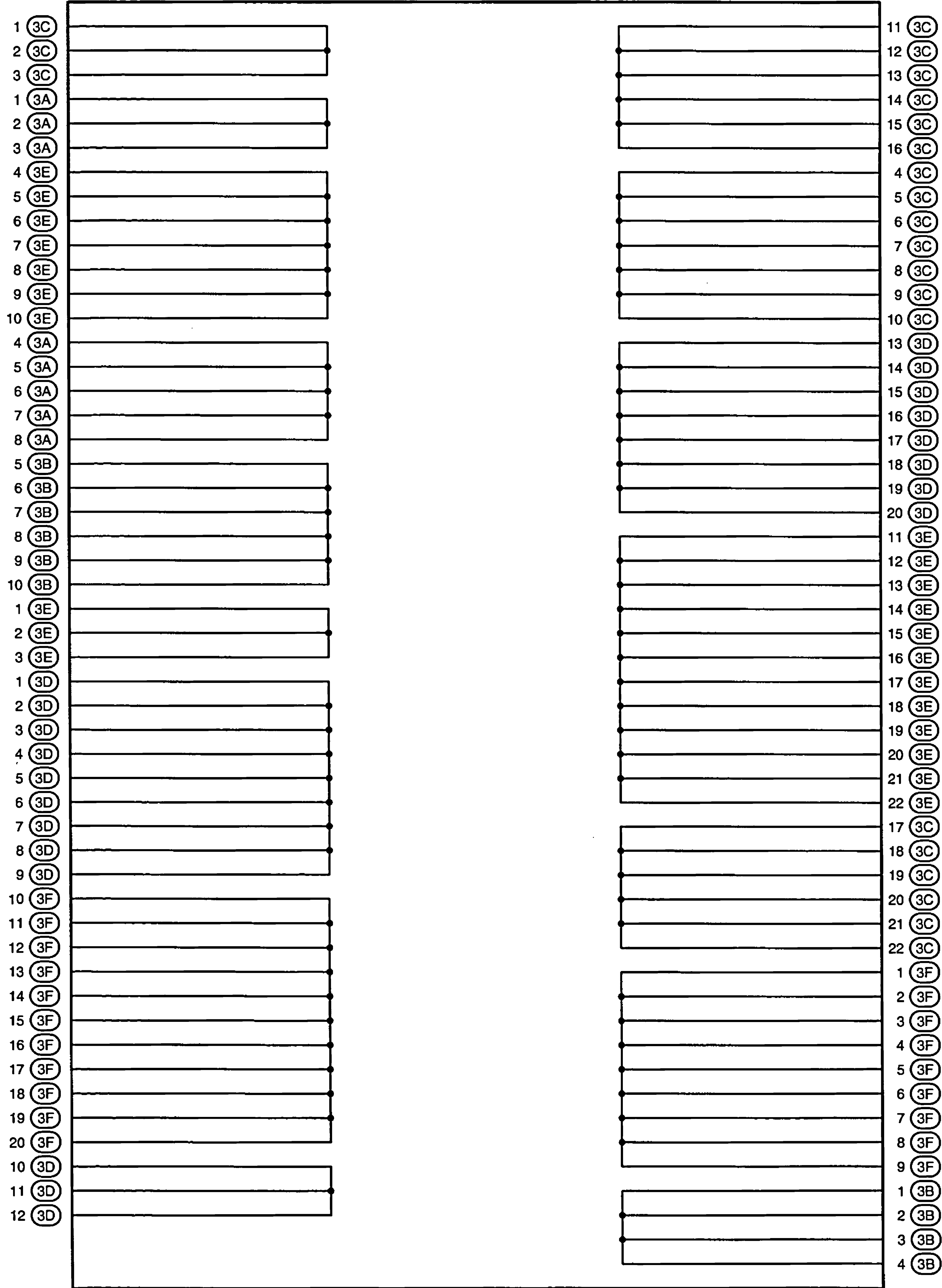


D RELAY LOCATIONS

 : Center J/B	Near the Steering Column Tube (See Page 23)
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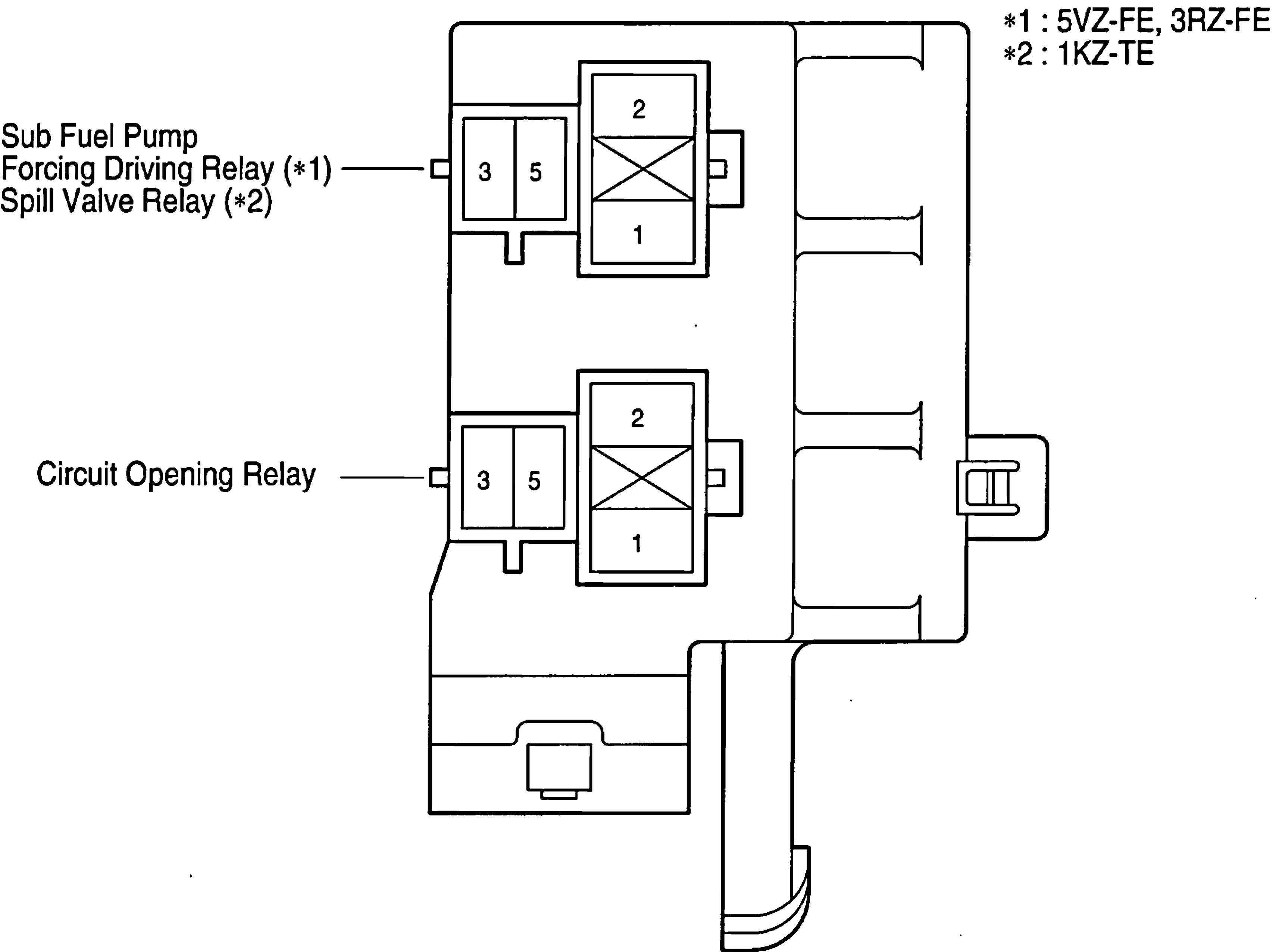
[Center J/B Inner Circuit]



D RELAY LOCATIONS

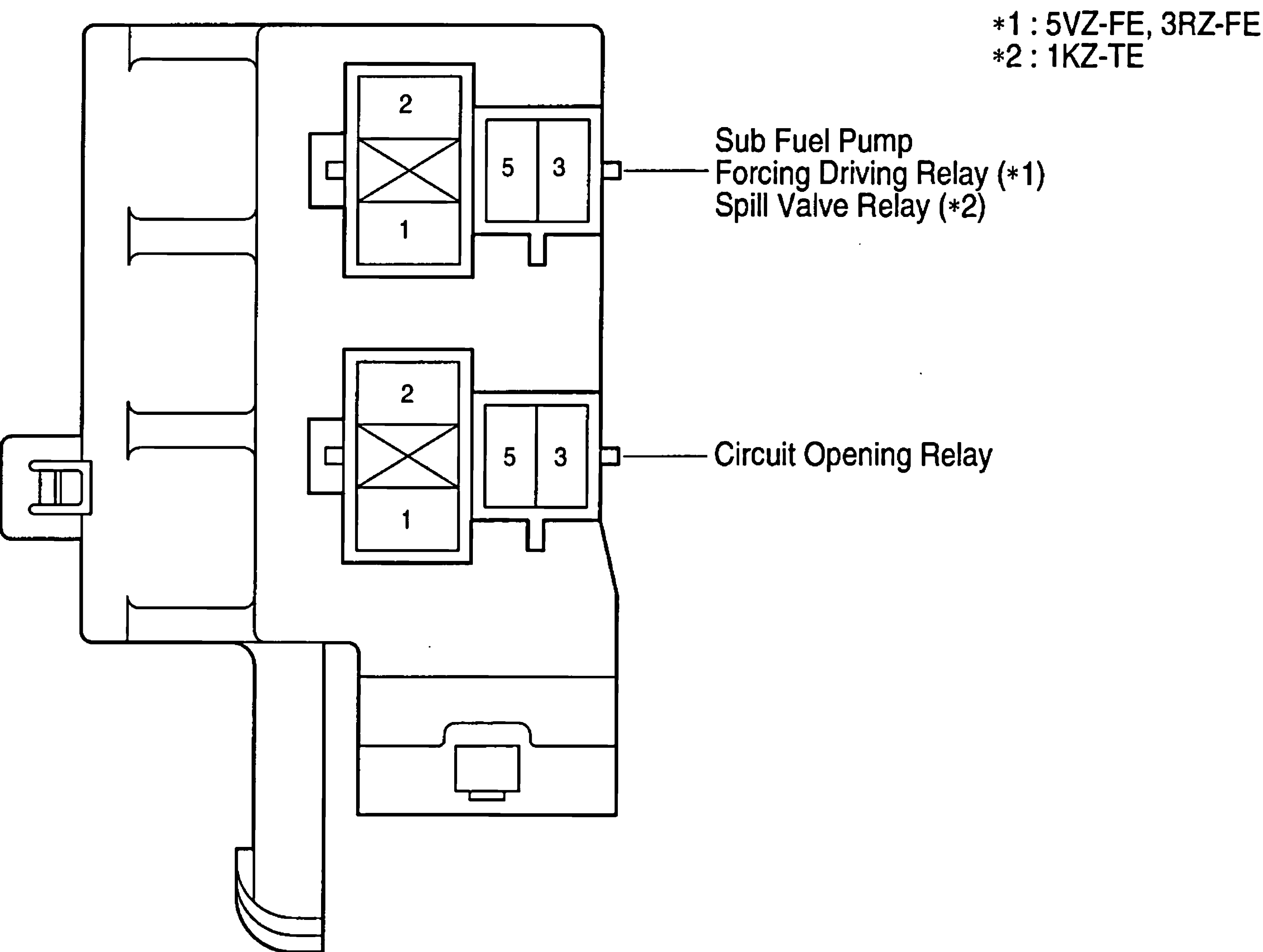
④ : Passenger Side R/B	Cowl Side Right (See Page 23)
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[LHD]



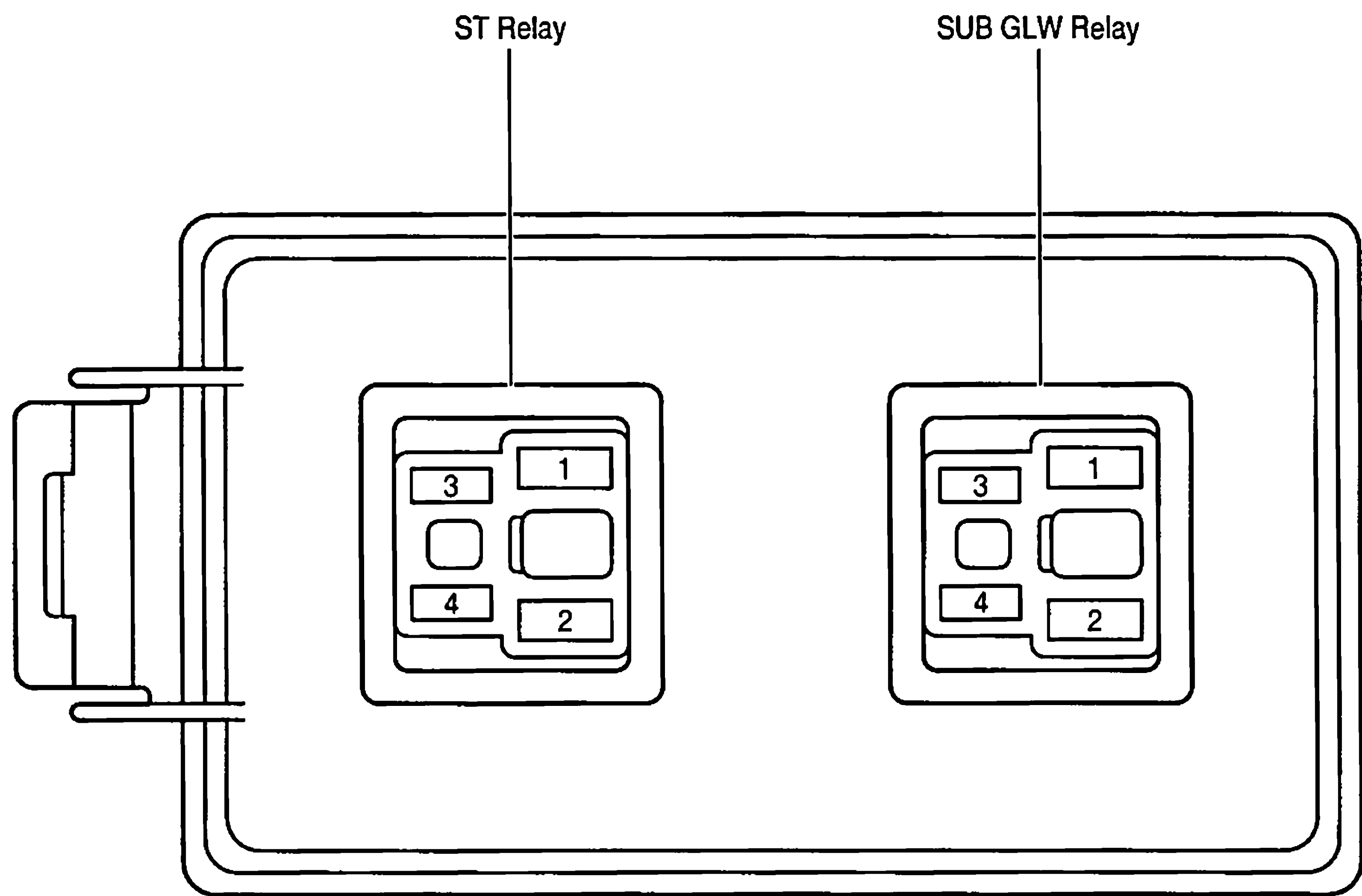
④ : Passenger Side R/B	Cowl Side Left (See Page 23)
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[RHD]



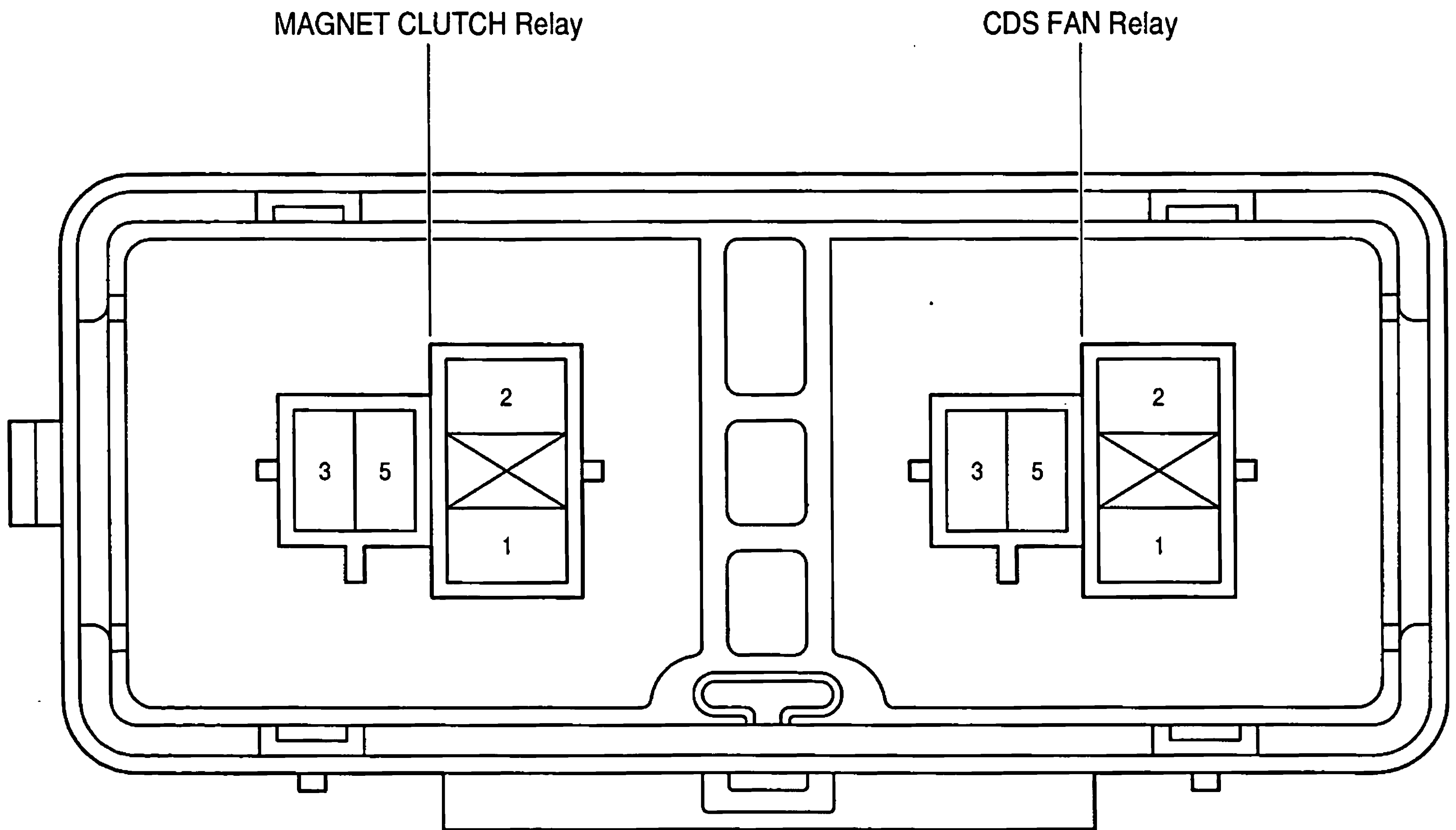
⑤ : Engine Room R/B No.2	LHD : Engine Compartment Left (See Page 22)
	RHD : Engine Compartment Right (See Page 22)

[Diesel]



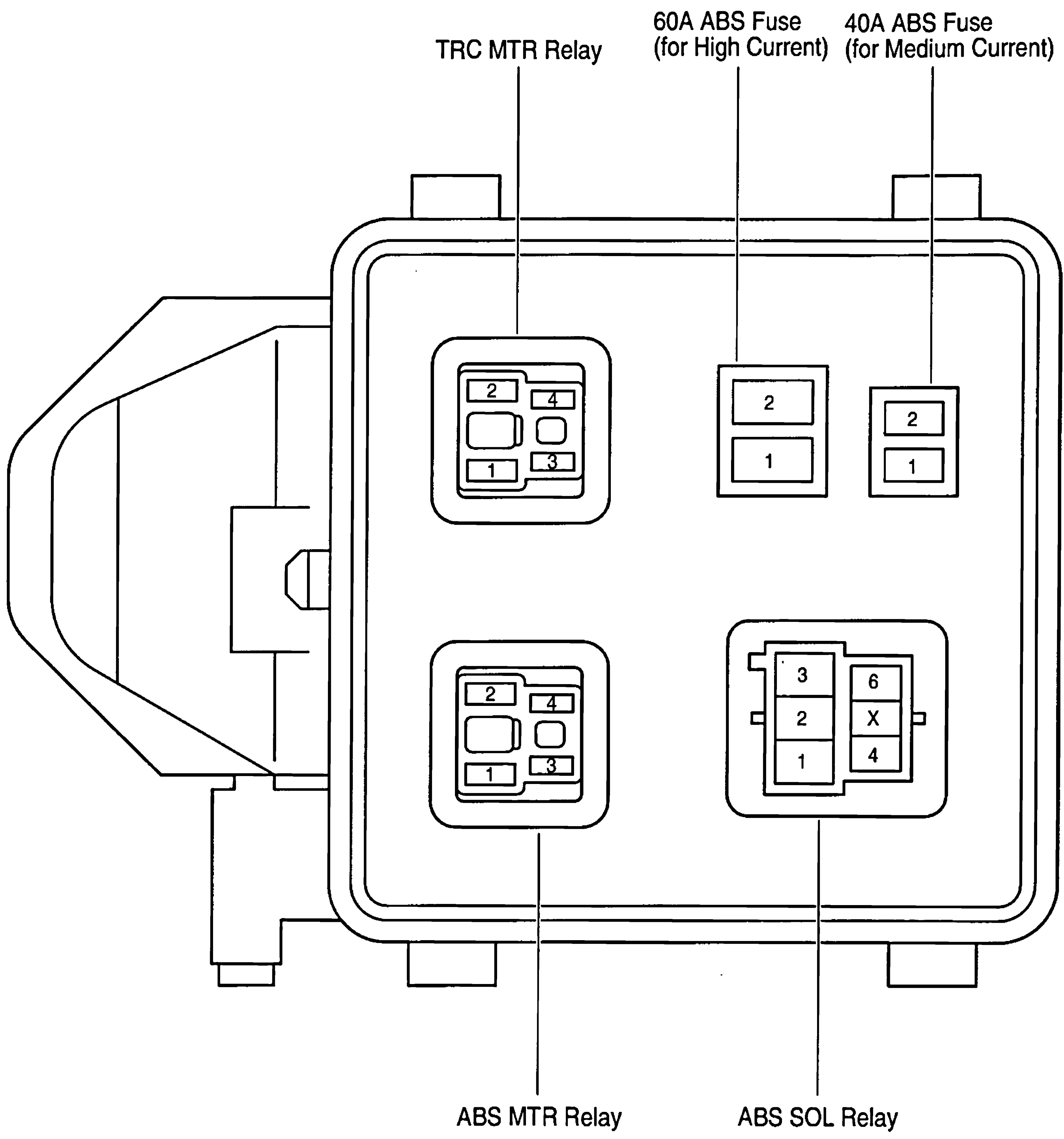
⑥ : A/C R/B	Gasoline, LHD Diesel : Engine Compartment Left (See Page 22)
	RHD Diesel : Engine Compartment Right (See Page 22)

[Dual A/C]



D RELAY LOCATIONS

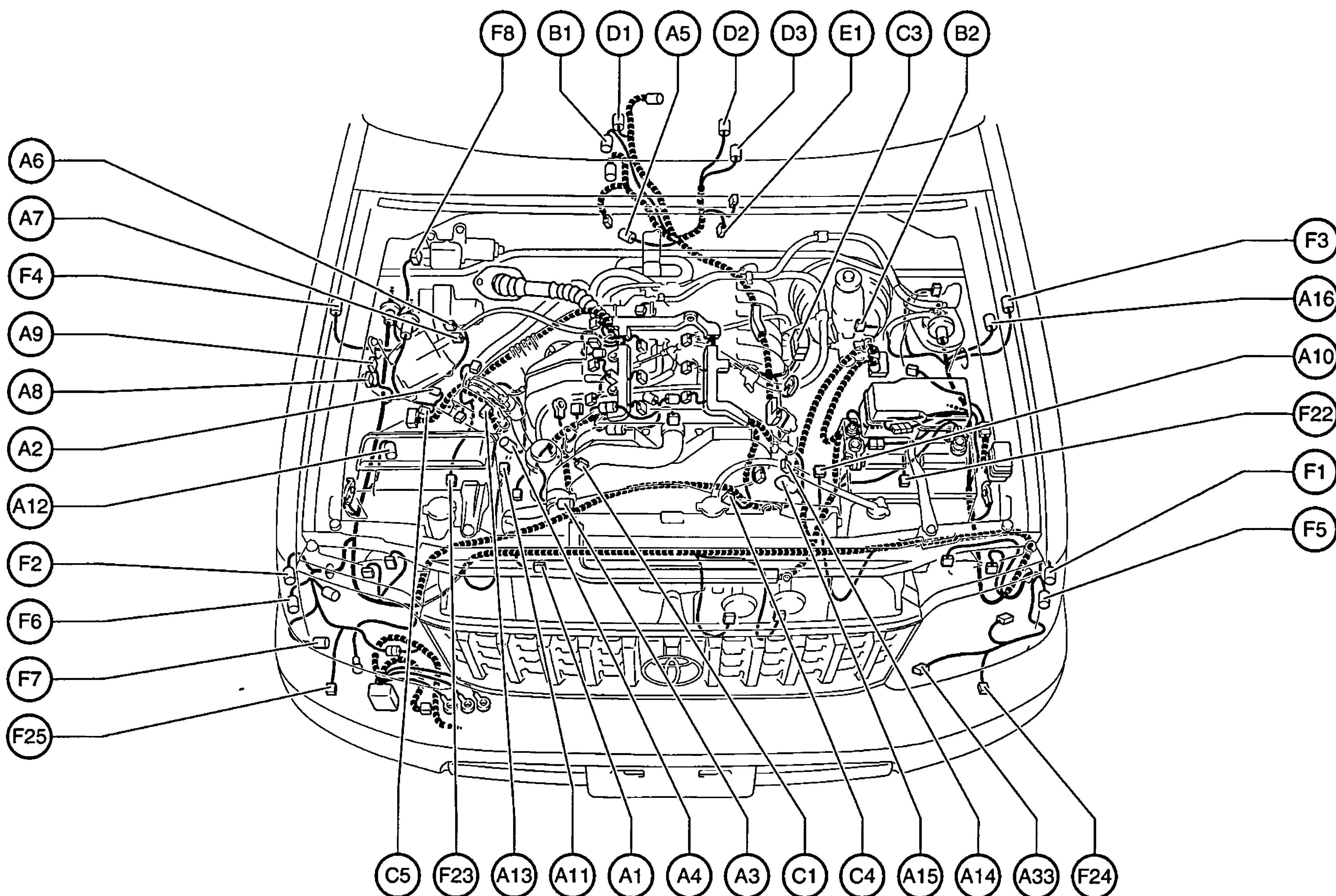
⑦ : R/B No.7	Engine Compartment Right (See Page 22)
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E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 5VZ-FE]



A 1 A/C Condenser Fan Motor

A 2 A/C Dual Pressure SW

A 3 A/C Magnetic Clutch

A 4 A/C Triple Pressure SW

(A/C Dual and Single Pressure SW)

A 5 A/T Fluid Temp. SW

A 6 ABS Actuator

A 7 ABS Actuator

A 8 ABS Relay

A 9 ABS Relay

A10 ABS Speed Sensor Front LH

A11 ABS Speed Sensor Front RH

A12 Air Cleaner Warning SW

A13 Air Flow Meter

A14 Alternator

A15 Alternator

A16 Auto Antenna Motor

A33 A/C Ambient Temp. Sensor

B 1 Back-Up Light SW

B 2 Brake Fluid Level Warning SW

C 1 Camshaft Position Sensor

C 3 Check Connector

C 4 Crankshaft Position Sensor

C 5 Cruise Control Actuator

D 1 Detection SW (Transfer 4WD Position) or
(Center Diff. Lock)

D 2 Detection SW (Transfer L4 Position)

D 3 Detection SW (Transfer Neutral Position)

E 1 ECT Solenoid

F 1 Front Clearance Light LH

F 2 Front Clearance Light RH

F 3 Front Side Turn Signal Light LH

F 4 Front Side Turn Signal Light RH

F 5 Front Turn Signal Light LH

F 6 Front Turn Signal Light RH

F 7 Front Washer Motor and Headlight Cleaner Motor

F 8 Front Wiper Motor

F22 Front Airbag Sensor LH

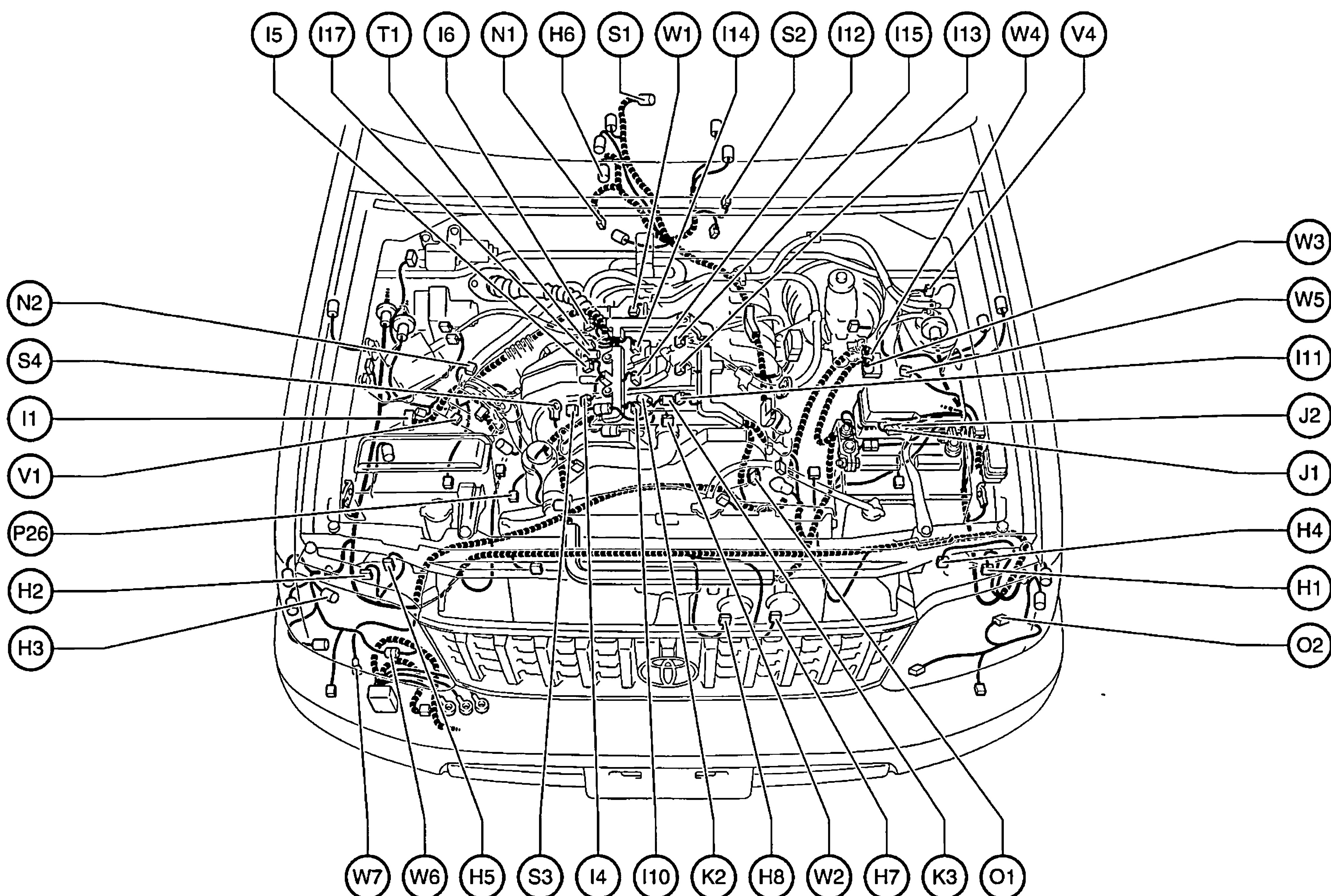
F23 Front Airbag Sensor RH

F24 Front Fog Light LH

F25 Front Fog Light RH

Position of Parts in Engine Compartment

[LHD : 5VZ-FE]



H 1 Headlight Beam Level Control Actuator LH
 H 2 Headlight Beam Level Control Actuator RH
 H 3 Headlight Cleaner Relay
 H 4 Headlight LH
 H 5 Headlight RH
 H 6 Heated Oxygen Sensor
 H 7 Horn LH
 H 8 Horn RH

I 1 Igniter
 I 4 Ignition Coil No.1
 I 5 Ignition Coil No.2
 I 6 Ignition Coil No.3
 I 10 Injector No.1
 I 11 Injector No.2
 I 12 Injector No.3
 I 13 Injector No.4
 I 14 Injector No.5
 I 15 Injector No.6
 I 17 ISC Valve

J 1 Junction Connector
 J 2 Junction Connector

K 2 Knock Sensor No.1
 K 3 Knock Sensor No.2

N 2 Noise Filter (Ignition)

O 1 Oil Pressure SW
 O 2 Outer Ambient Temp. Sensor

P26 Power Steering Oil Pressure SW

S 1 Speed Sensor (Combination Meter)
 S 2 Speed Sensor (ECT)
 S 3 Starter
 S 4 Starter

T 1 Throttle Position Sensor

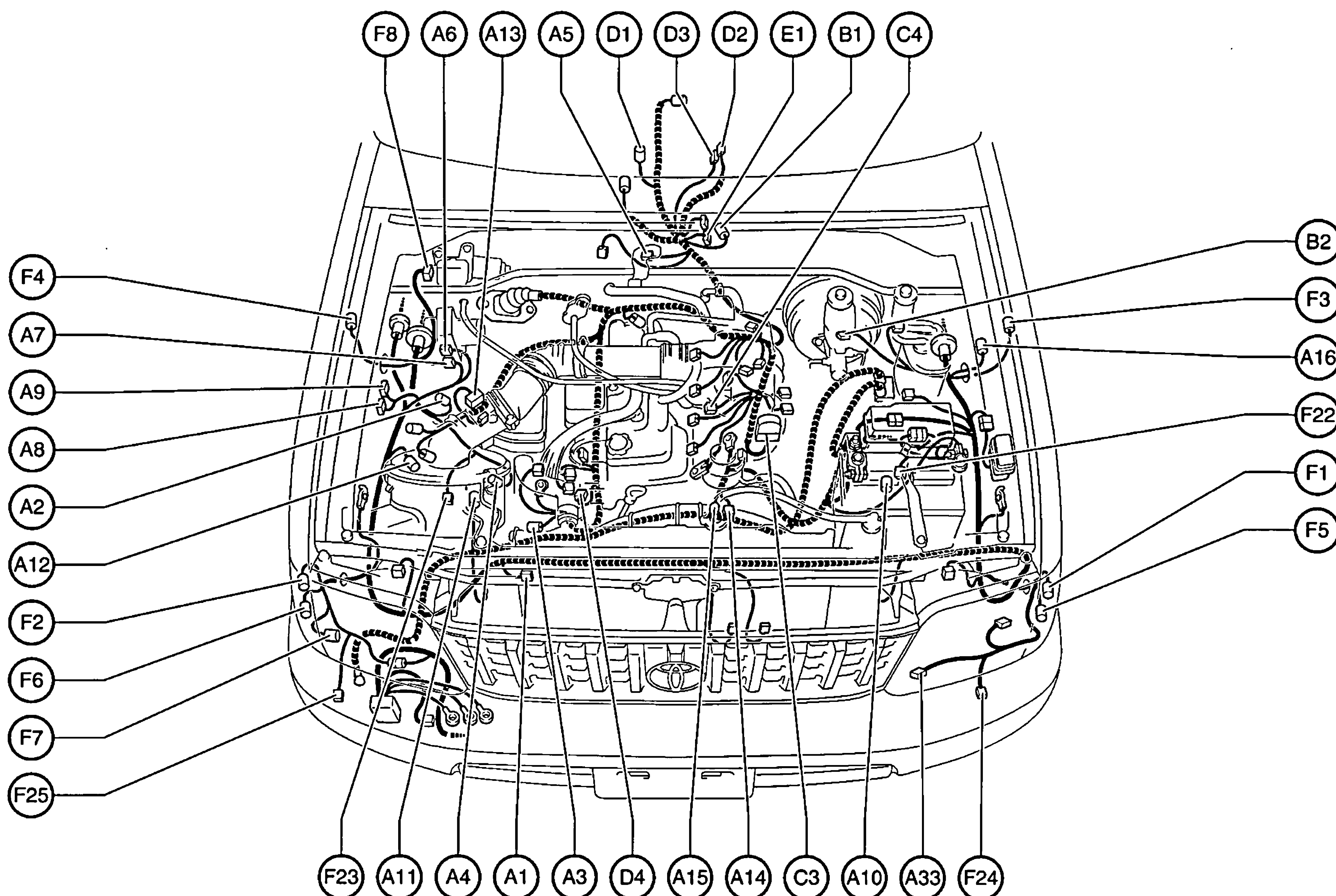
V 1 Variable Resistor
 V 4 VSV (EVAP)

W 1 Water Temp. Sender
 W 2 Water Temp. Sensor
 W 3 Winch Main Relay
 W 4 Winch Main Relay
 W 5 Winch Main Relay
 W 6 Winch Motor and Control SW
 W 7 Winch Motor and Control SW

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 3RZ-FE]



- A 1 A/C Condenser Fan Motor
- A 2 A/C Dual Pressure SW
- A 3 A/C Magnetic Clutch
- A 4 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
- A 5 A/T Fluid Temp. SW
- A 6 ABS Actuator
- A 7 ABS Actuator
- A 8 ABS Relay
- A 9 ABS Relay
- A10 ABS Speed Sensor Front LH
- A11 ABS Speed Sensor Front RH
- A12 Air Cleaner Warning SW
- A13 Air Flow Meter
- A14 Alternator
- A15 Alternator
- A16 Auto Antenna Motor
- A33 A/C Ambient Temp. Sensor

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

- C 3 Check Connector
- C 4 Crankshaft Position Sensor

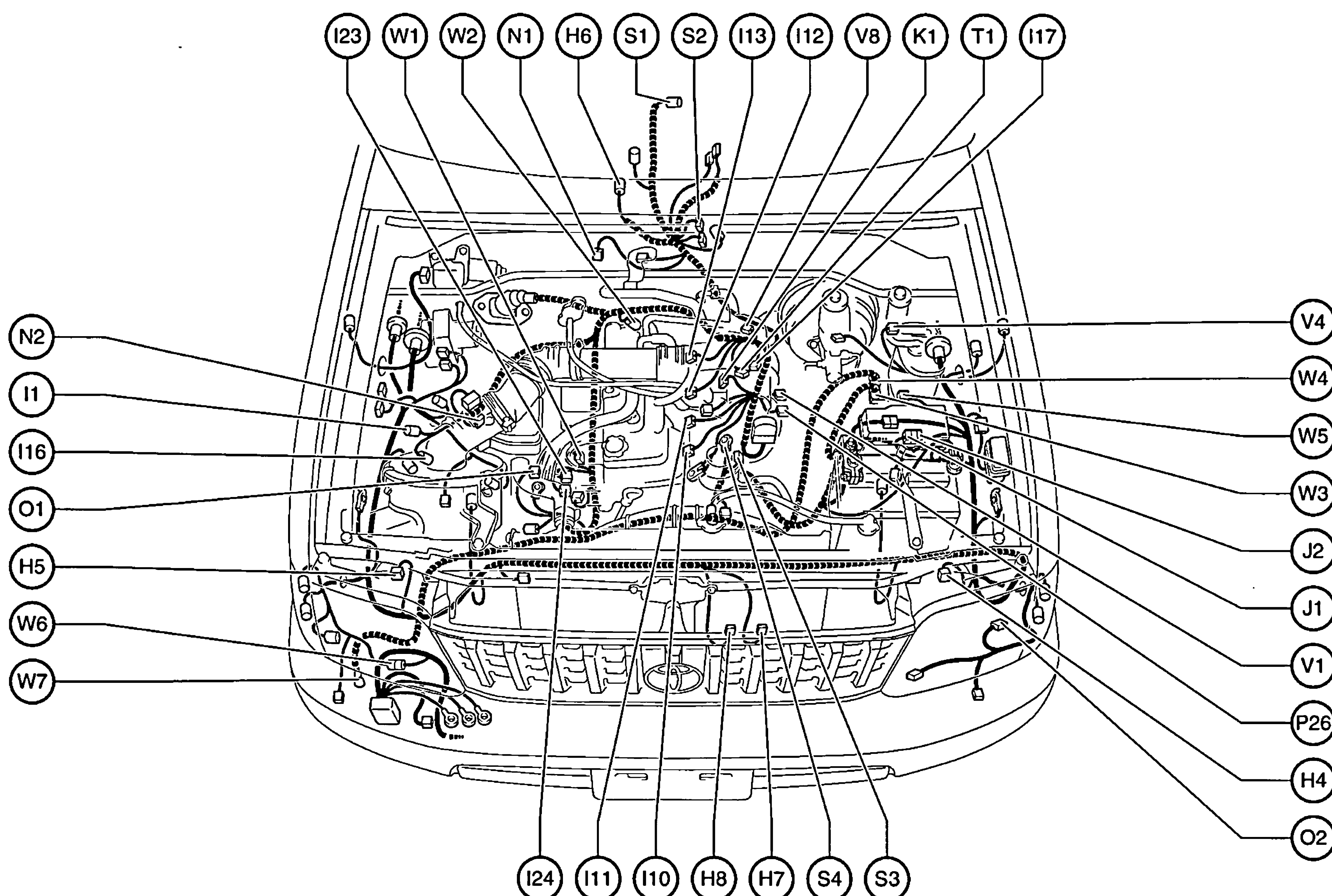
- D 1 Detection SW (Transfer 4WD Position) or
(Center Diff. Lock)
- D 2 Detection SW (Transfer L4 Position)
- D 3 Detection SW (Transfer Neutral Position)
- D 4 Distributor

- E 1 ECT Solenoid

- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 3 Front Side Turn Signal Light LH
- F 4 Front Side Turn Signal Light RH
- F 5 Front Turn Signal Light LH
- F 6 Front Turn Signal Light RH
- F 7 Front Washer Motor and Headlight Cleaner Motor
- F 8 Front Wiper Motor
- F22 Front Airbag Sensor LH
- F23 Front Airbag Sensor RH
- F24 Front Fog Light LH
- F25 Front Fog Light RH

Position of Parts in Engine Compartment

[LHD : 3RZ-FE]



H 4 Headlight LH
H 5 Headlight RH
H 6 Heated Oxygen Sensor
H 7 Horn LH
H 8 Horn RH

I 1 Igniter
I 10 Injector No.1
I 11 Injector No.2
I 12 Injector No.3
I 13 Injector No.4
I 16 Intake Air Temp. Sensor
I 17 ISC Valve
I 23 Ignition Coil and Igniter No.1
I 24 Ignition Coil and Igniter No.2

J 1 Junction Connector
J 2 Junction Connector

K 1 Knock Sensor

N 1 Neutral Start SW, Back-Up Light SW and
A/T Indicator SW
N 2 Noise Filter (Ignition)

O 1 Oil Pressure SW
O 2 Outer Ambient Temp. Sensor

P26 Power Steering Oil Pressure SW

S 1 Speed Sensor (Combination Meter)
S 2 Speed Sensor (ECT)
S 3 Starter
S 4 Starter

T 1 Throttle Position Sensor

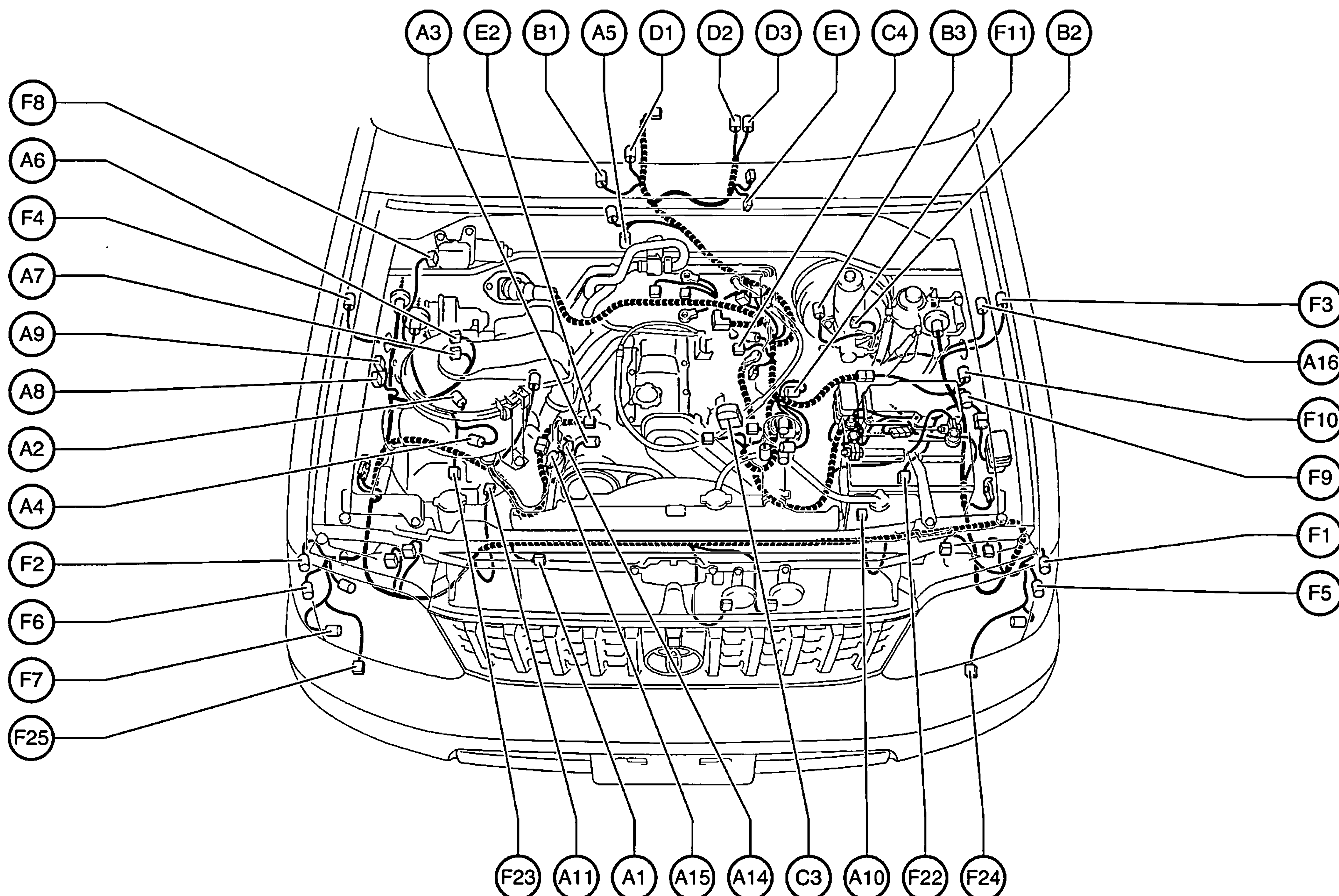
V 1 Variable Resistor
V 4 VSV (EVAP)
V 8 Vacuum Sensor

W 1 Water Temp. Sender
W 2 Water Temp. Sensor
W 3 Winch Main Relay
W 4 Winch Main Relay
W 5 Winch Main Relay
W 6 Winch Motor and Control SW
W 7 Winch Motor and Control SW

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 1KZ-TE]



A 1 A/C Condenser Fan Motor
 A 2 A/C Dual Pressure SW
 A 3 A/C Magnetic Clutch
 A 4 A/C Triple Pressure SW
 (A/C Dual and Single Pressure SW)
 A 5 A/T Fluid Temp. SW
 A 6 ABS Actuator
 A 7 ABS Actuator
 A 8 ABS Relay
 A 9 ABS Relay
 A10 ABS Speed Sensor Front LH
 A11 ABS Speed Sensor Front RH
 A14 Alternator
 A15 Alternator
 A16 Auto Antenna Motor

B 1 Back-Up Light SW
 B 2 Brake Fluid Level Warning SW
 B 3 Brake Vacuum Warning SW

C 3 Check Connector
 C 4 Crankshaft Position Sensor

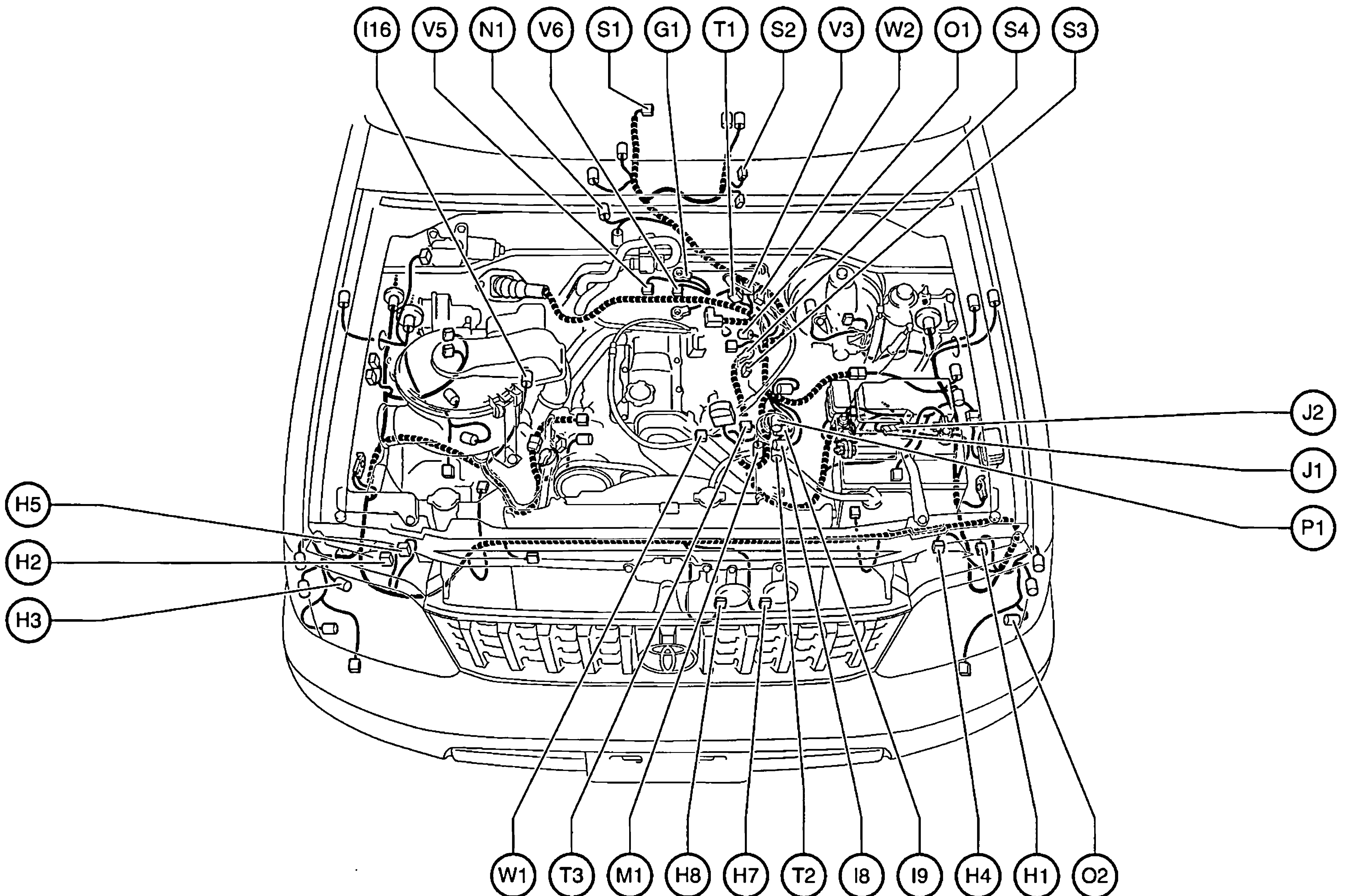
D 1 Detection SW (Transfer 4WD Position) or
 (Center Diff. Lock)
 D 2 Detection SW (Transfer L4 Position)
 D 3 Detection SW (Transfer Neutral Position)

E 1 ECT Solenoid
 E 2 Engine Oil Level Sensor

F 1 Front Clearance Light LH
 F 2 Front Clearance Light RH
 F 3 Front Side Turn Signal Light LH
 F 4 Front Side Turn Signal Light RH
 F 5 Front Turn Signal Light LH
 F 6 Front Turn Signal Light RH
 F 7 Front Washer Motor and Headlight Cleaner Motor
 F 8 Front Wiper Motor
 F 9 Fuel Filter Warning SW
 F10 Fuel Heater
 F 11 Fuel Temp. Sensor
 F22 Front Airbag Sensor LH
 F23 Front Airbag Sensor RH
 F24 Front Fog Light LH
 F25 Front Fog Light RH

Position of Parts in Engine Compartment

[LHD : 1KZ-TE]



G 1 Glow Plug

H 1 Headlight Beam Level Control Actuator LH

H 2 Headlight Beam Level Control Actuator RH

H 3 Headlight Cleaner Relay

H 4 Headlight LH

H 5 Headlight RH

H 7 Horn LH

H 8 Horn RH

I 8 Injection Pump Resistor No.1

I 9 Injection Pump Resistor No.2

I 16 Intake Air Temp. Sensor

J 1 Junction Connector

J 2 Junction Connector

M 1 Magnetic Spill Valve

N 1 Neutral Start SW, Back-Up Light SW and
A/T Indicator SW

O 1 Oil Pressure SW

O 2 Outer Ambient Temp. Sensor

P 1 Pick-Up Sensor (Engine Speed Sensor)

S 1 Speed Sensor (Combination Meter)

S 2 Speed Sensor (ECT)

S 3 Starter

S 4 Starter

T 1 Throttle Position Sensor

T 2 Timing Control Valve

T 3 Turbo Pressure Sensor

V 3 VSV (EGR Valve)

V 5 VSV (Intake Constrictor Control No. 1)

V 6 VSV (Intake Constrictor Control No. 2)

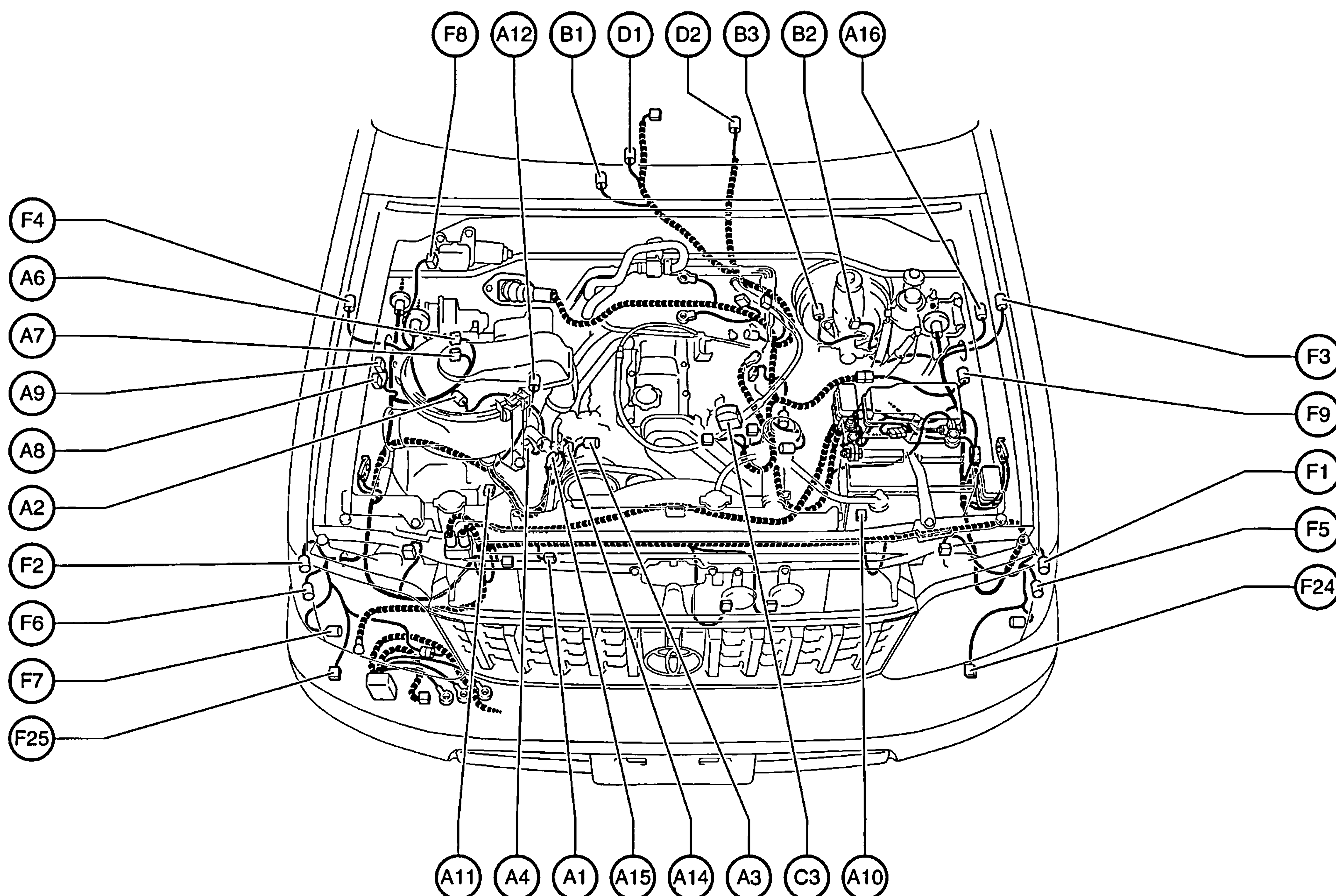
W 1 Water Temp. Sender

W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 1KZ-T]



- A 1 A/C Condenser Fan Motor
- A 2 A/C Dual Pressure SW
- A 3 A/C Magnetic Clutch
- A 4 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
- A 6 ABS Actuator
- A 7 ABS Actuator
- A 8 ABS Relay
- A 9 ABS Relay
- A10 ABS Speed Sensor Front LH
- A11 ABS Speed Sensor Front RH
- A12 Air Cleaner Warning SW
- A14 Alternator
- A15 Alternator
- A16 Auto Antenna Motor

- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW
- B 3 Brake Vacuum Warning SW

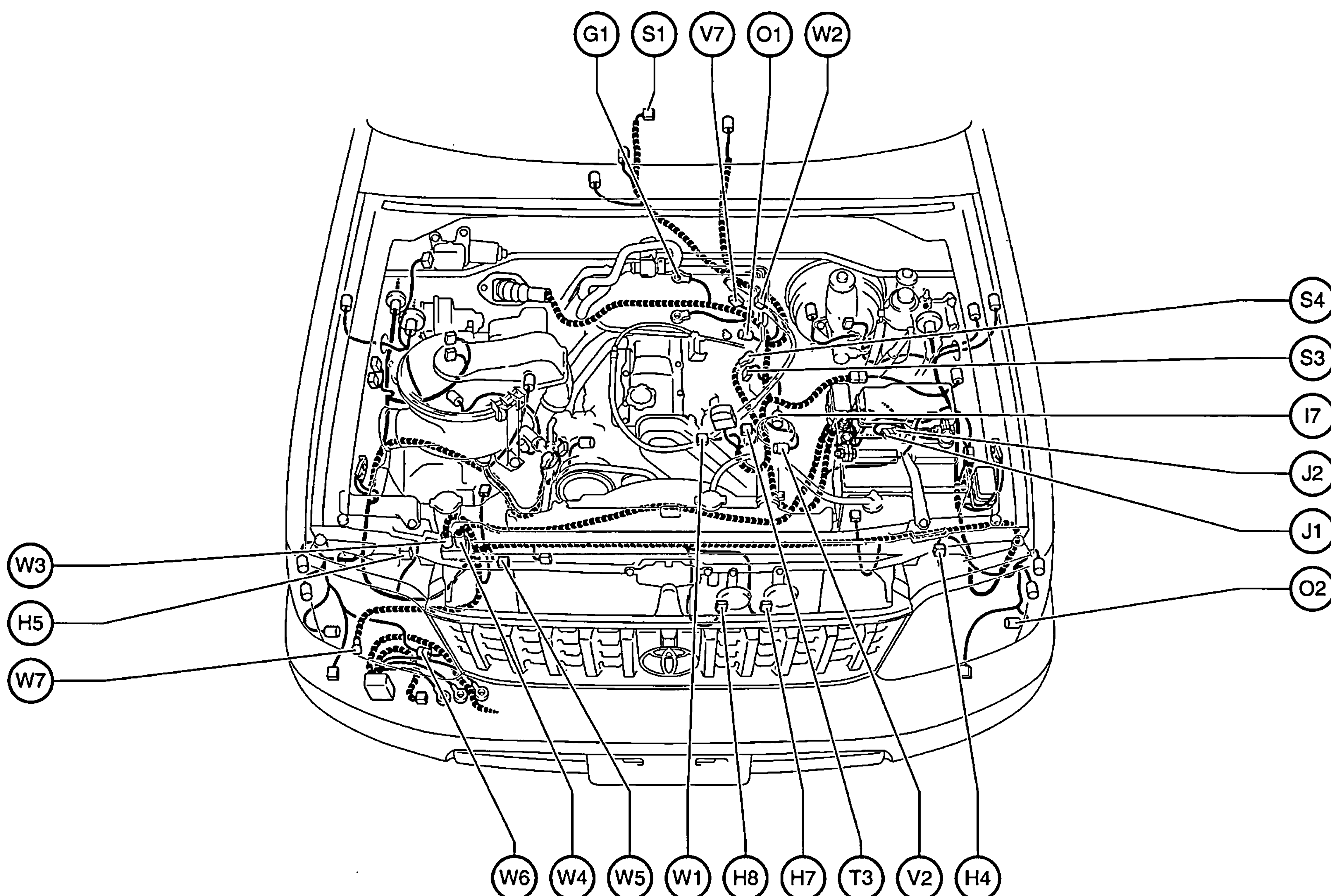
- C 3 Check Connector

- D 1 Detection SW (Transfer 4WD Position) or
(Center Diff. Lock)
- D 2 Detection SW (Transfer L4 Position)

- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 3 Front Side Turn Signal Light LH
- F 4 Front Side Turn Signal Light RH
- F 5 Front Turn Signal Light LH
- F 6 Front Turn Signal Light RH
- F 7 Front Washer Motor and Headlight Cleaner Motor
- F 8 Front Wiper Motor
- F 9 Fuel Filter Warning SW
- F24 Front Fog Light LH
- F25 Front Fog Light RH

Position of Parts in Engine Compartment

[LHD : 1KZ-T]



G 1 Glow Plug

H 4 Headlight LH

H 5 Headlight RH

H 7 Horn LH

H 8 Horn RH

I 7 Injection Pump

J 1 Junction Connector

J 2 Junction Connector

O 1 Oil Pressure SW

O 2 Outer Ambient Temp. Sensor

S 1 Speed Sensor (Combination Meter)

S 2 Speed Sensor (ECT)

S 3 Starter

S 4 Starter

T 3 Turbo Pressure Sensor

V 2 VSV (A/C Idle-Up)

V 7 VSV (Intake Shutter)

W 1 Water Temp. Sender

W 2 Water Temp. Sensor

W 3 Winch Main Relay

W 4 Winch Main Relay

W 5 Winch Main Relay

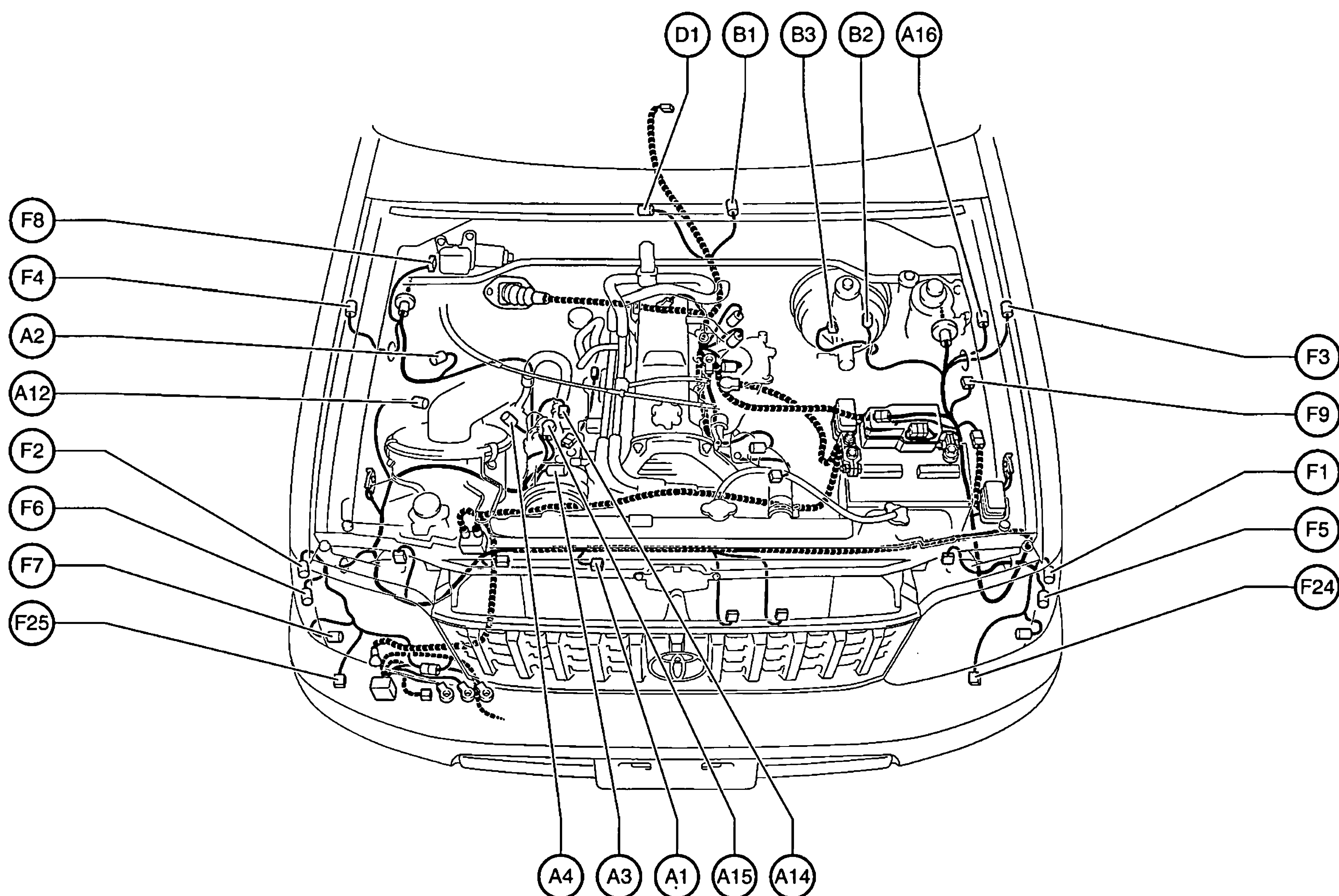
W 6 Winch Motor and Control SW

W 7 Winch Motor and Control SW

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[LHD : 3L]



- A 1 A/C Condenser Fan Motor
- A 2 A/C Dual Pressure SW
- A 3 A/C Magnetic Clutch
- A 4 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
- A12 Air Cleaner Warning SW
- A14 Alternator
- A15 Alternator
- A16 Auto Antenna Motor

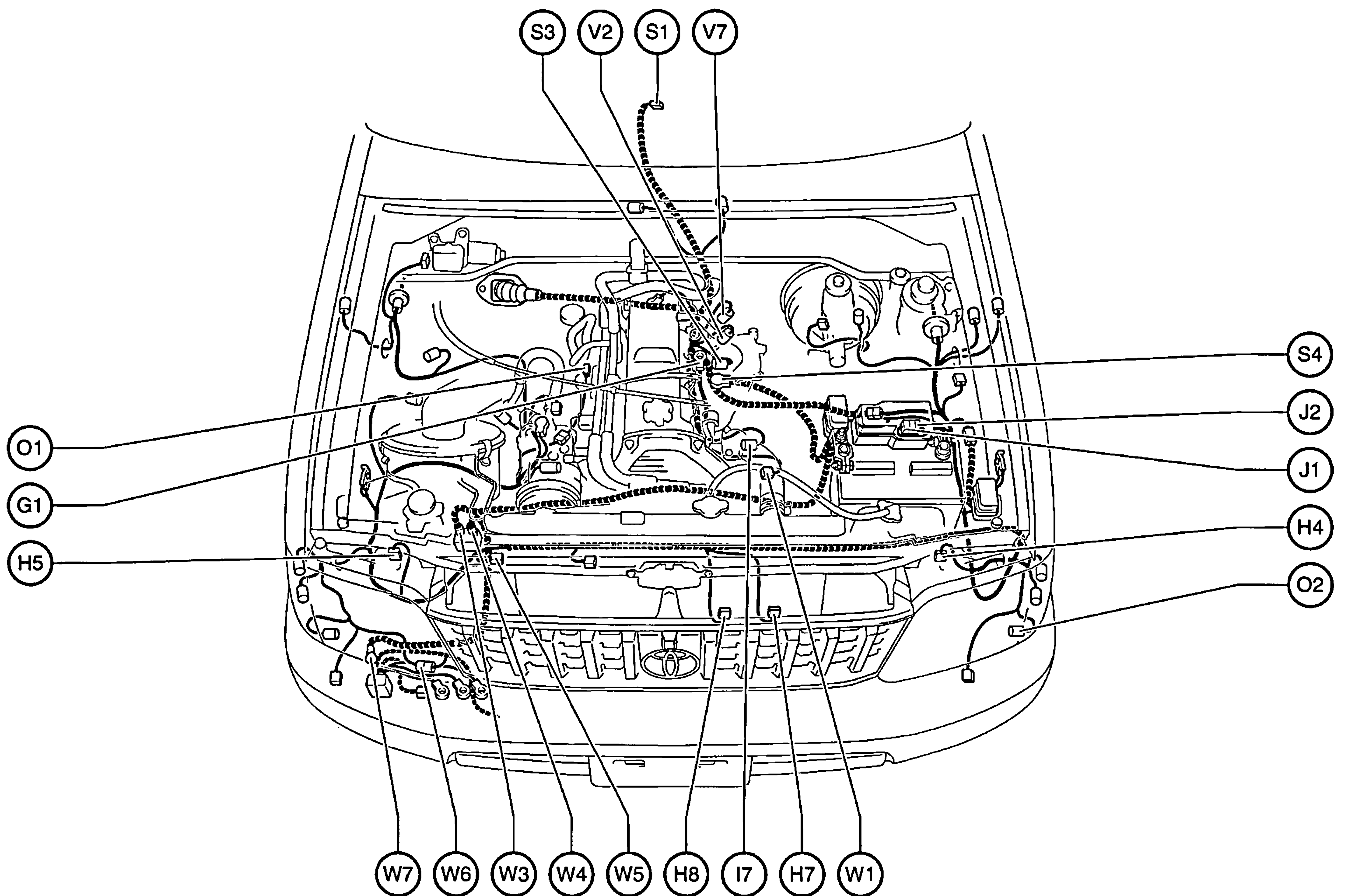
- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW
- B 3 Brake Vacuum Warning SW

- D 1 Detection SW (Transfer 4WD Position) or
(Center Diff. Lock)

- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 3 Front Side Turn Signal Light LH
- F 4 Front Side Turn Signal Light RH
- F 5 Front Turn Signal Light LH
- F 6 Front Turn Signal Light RH
- F 7 Front Washer Motor and Headlight Cleaner Motor
- F 8 Front Wiper Motor
- F 9 Fuel Filter Warning SW
- F24 Front Fog Light LH
- F25 Front Fog Light RH

Position of Parts in Engine Compartment

[LHD : 3L]



G 1 Glow Plug

H 4 Headlight LH

H 5 Headlight RH

H 7 Horn LH

H 8 Horn RH

I 7 Injection Pump

J 1 Junction Connector

J 2 Junction Connector

O 1 Oil Pressure SW

O 2 Outer Ambient Temp. Sensor

S 1 Speed Sensor (Combination Meter)

S 3 Starter

S 4 Starter

V 2 VSV (A/C Idle-Up)

V 7 VSV (Intake Shutter)

W 1 Water Temp. Sender

W 3 Winch Main Relay

W 4 Winch Main Relay

W 5 Winch Main Relay

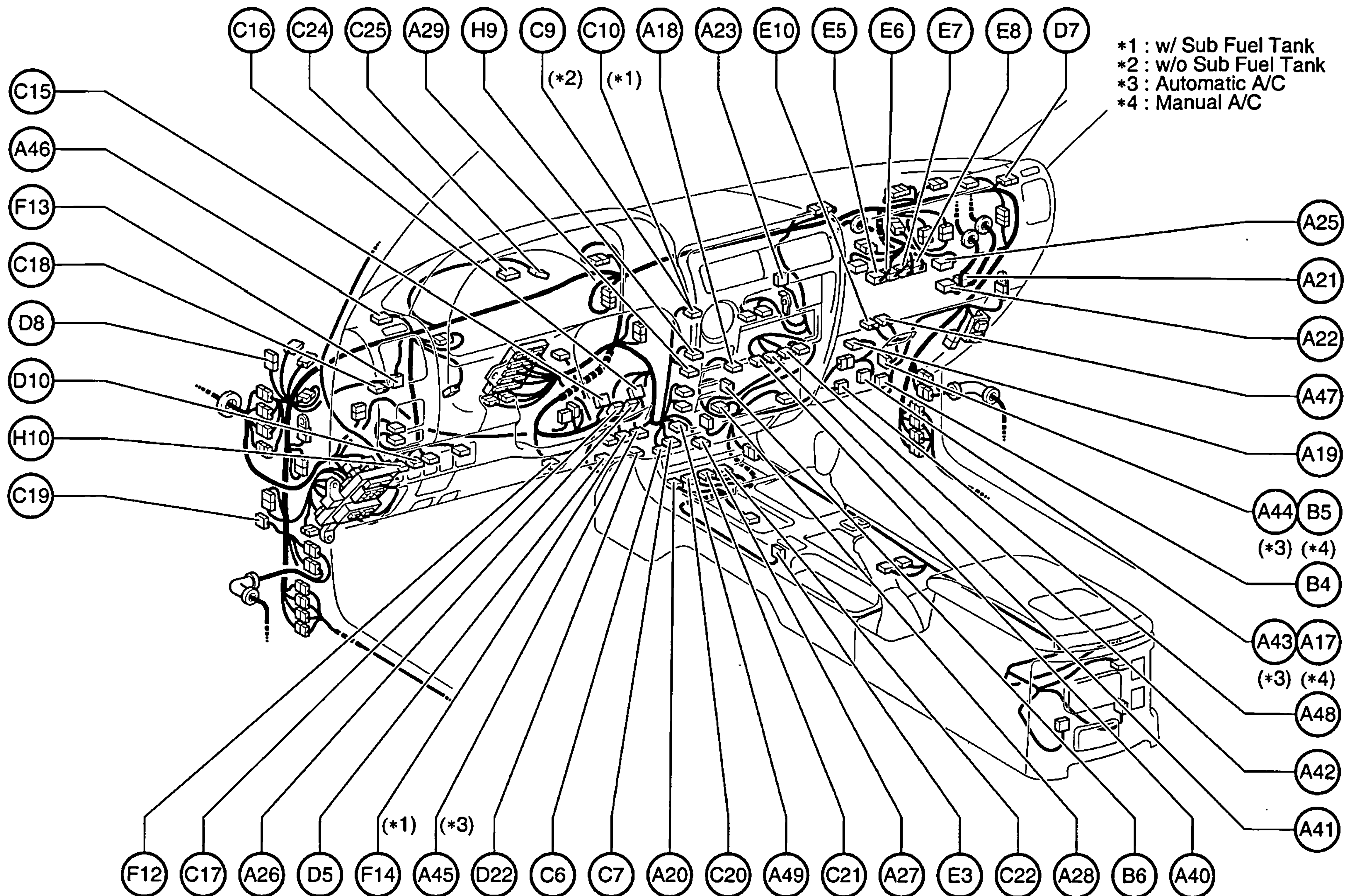
W 6 Winch Motor and Control SW

W 7 Winch Motor and Control SW

E ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel

[LHD]

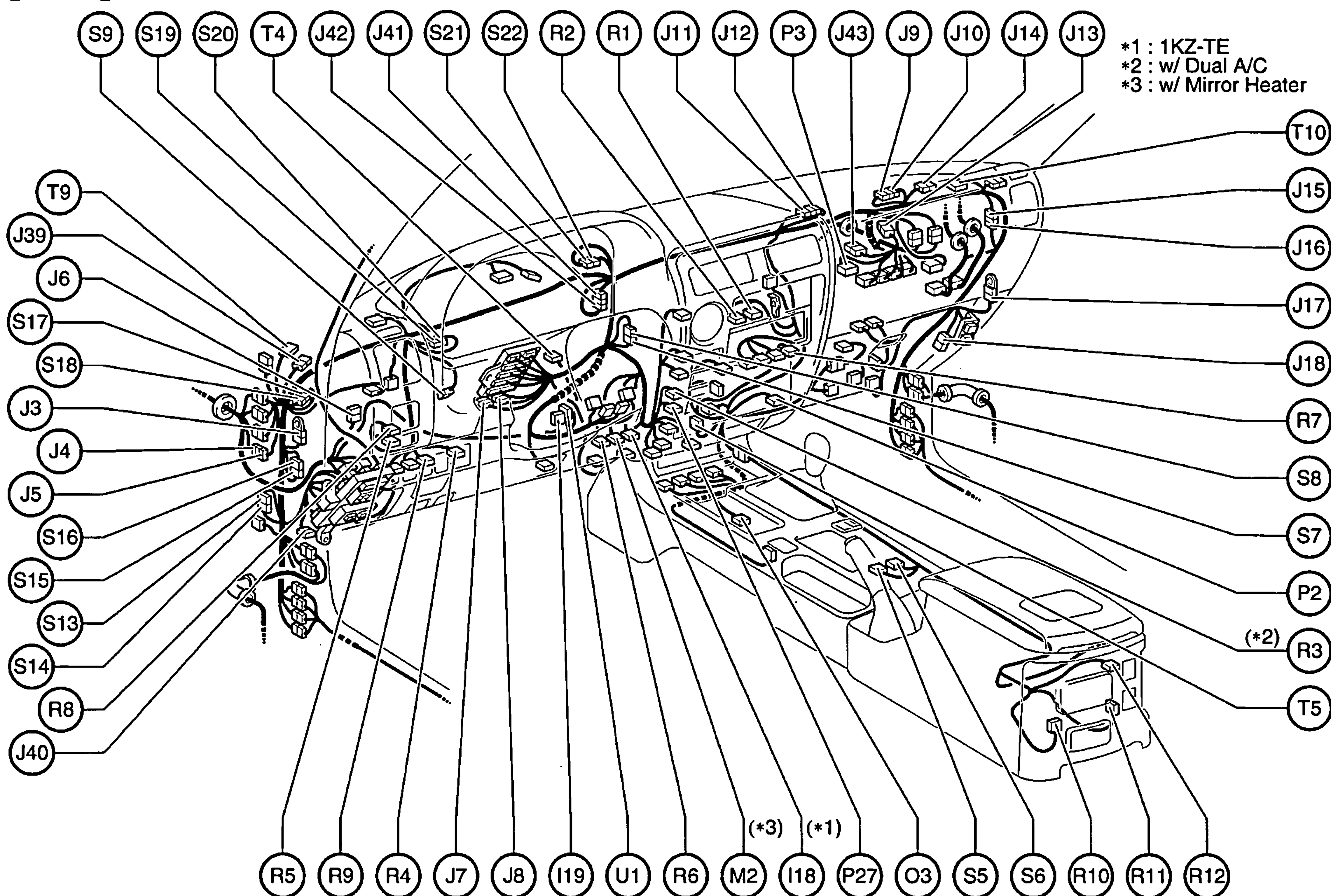


- A17 A/C Amplifier
- A18 A/C SW
- A19 A/C Thermistor (Front)
- A20 ABS Deceleration Sensor
- A21 ABS ECU
- A22 ABS ECU
- A23 Accessory Meter
- A25 Airbag Squib (Front Passenger Airbag Assembly)
- A26 Airbag Squib (Steering Wheel Pad)
- A27 Ashtray Illumination
- A28 Auto Antenna Control Relay
- A29 Auto Antenna SW
- A40 A/C Control Assembly
- A41 A/C Control Assembly
- A42 A/C Control Assembly
- A43 A/C Magnetic Clutch Relay
- A44 A/C Power Transistor (Front)
- A45 A/C Room Temp. Sensor
- A46 A/C Solar Sensor
- A47 Air Inlet Control Servo Motor
- A48 Air Mix Control Servo Motor and Water Temp. Sensor
- A49 Air Vent Mode Control Servo Motor
- B 4 Blower Motor
- B 5 Blower Resistor
- B 6 Blower SW
- C 6 Cigarette Lighter
- C 7 Cigarette Lighter Illumination
- C 9 Clock
- C10 Clock and Sub Fuel Tank Gauge

- C15 Combination SW
- C16 Combination SW
- C17 Combination SW
- C18 Cruise Control Clutch SW
- C19 Cruise Control ECU
- C20 Center Airbag Sensor Assembly
- C21 Center Airbag Sensor Assembly
- C22 Center Airbag Sensor Assembly
- C24 Combination Meter
- C25 Combination Meter
- D 5 Daytime Running Light Relay
- D 7 Diode (Glow Plug)
- D 8 Diode (Headlight Beam Level Control)
- D10 Door Lock Control SW
- D22 DLC3
- E 3 ECT Pattern Select SW
- E 5 Engine ECU (M/T) or Engine and ECT ECU (A/T)
- E 6 Engine ECU (M/T) or Engine and ECT ECU (A/T)
- E 7 Engine ECU (M/T) or Engine and ECT ECU (A/T)
- E 8 Engine ECU (M/T) or Engine and ECT ECU (A/T)
- E10 Extra High Speed Relay
- F12 Front Speaker (Instrument Panel)
- F13 Fuel Pump Select Relay or Short Connector
- F14 Fuel Tank Changeover SW
- H 9 Hazard SW
- H10 Headlight Beam Level Control SW

Position of Parts in Instrument Panel

[LHD]



I 18 Idle-Up SW
I 19 Ignition SW

J 3 Junction Connector
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 39 Junction Connector
J 40 Junction Connector
J 41 Junction Connector
J 42 Junction Connector
J 43 Junction Connector

M 2 Mirror Heater SW

O 3 O/D Main SW and A/T Shift Lever Illumination

P 2 Power Outlet (Front)

P 3 Pre-Heating Timer

P27 Passenger Seat Belt Warning Light

R 1 Radio and Player

R 2 Radio and Player
R 3 Rear A/C SW (Front)
R 4 Rear Diff. Lock SW
R 5 Rear Fog Light SW
R 6 Rear Heater SW (Front)
R 7 Rear Window Defogger SW
R 8 Remote Control Mirror SW
R 9 Rheostat
R10 Rear A/C Control SW
R11 Rear Heater Blower SW
R12 Rear Heater SW (Rear)

S 5 Seat Heater SW LH
S 6 Seat Heater SW RH
S 7 Short Connector (SRS)
S 8 Short Connector (SRS)
S 9 Stop Light SW
S13 Short Connector
S14 Short Connector
S15 Short Connector
S16 Short Connector
S17 Short Connector
S18 Short Connector
S19 Short Connector
S20 Short Connector
S21 Short Connector
S22 Short Connector

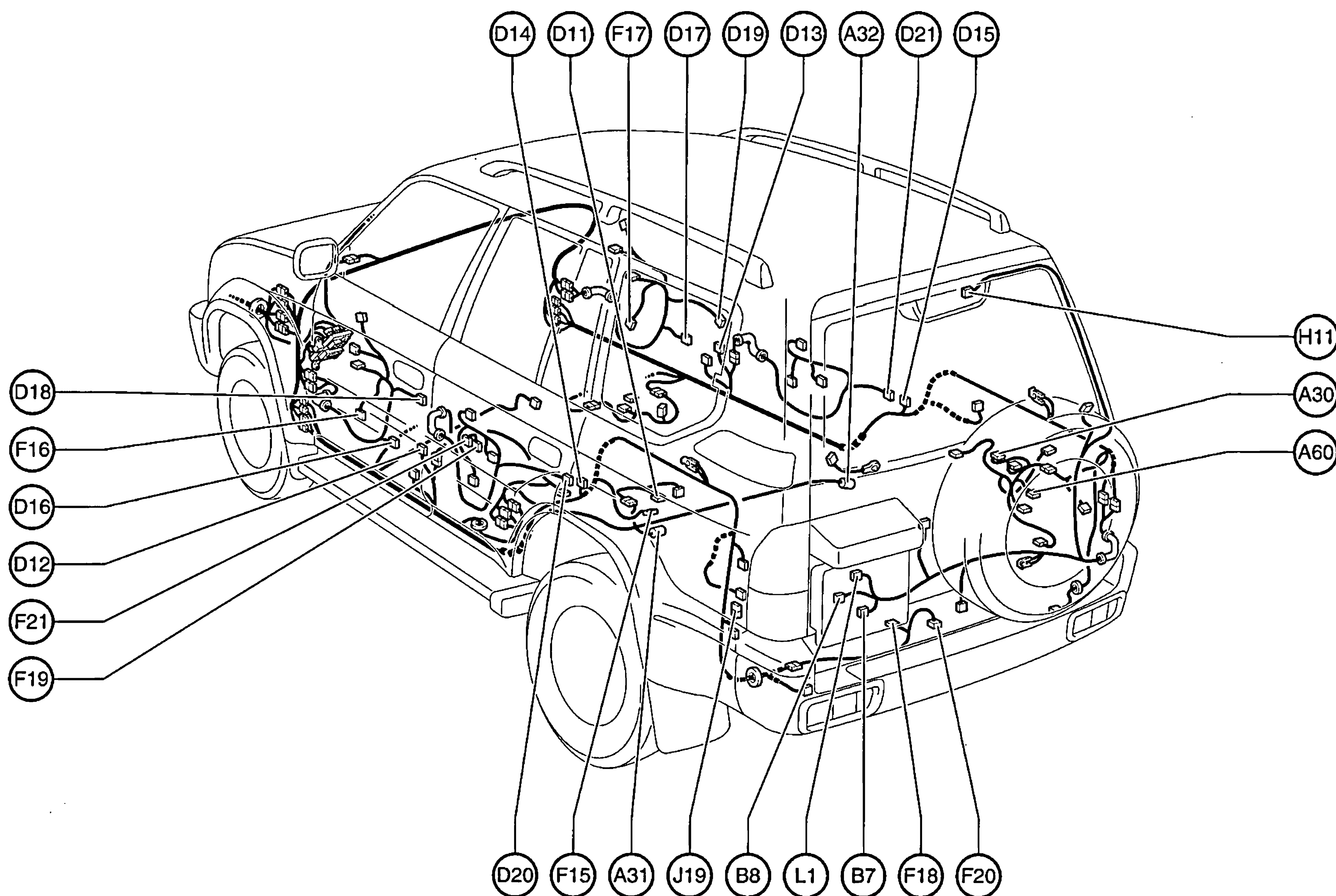
T 4 Transponder Key Amplifier
T 5 Transponder Key Computer
T 9 Tweeter LH
T10 Tweeter RH

U 1 Unlock Warning SW

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : 5-Door]



A30 A/C Thermistor (Rear)

A31 ABS Speed Sensor Rear LH

A32 ABS Speed Sensor Rear RH

A60 A/C Power Transistor (Rear)

B 7 Back Door Courtesy SW

B 8 Back Door Lock Motor, Door Key Lock and
Unlock SW and Door Unlock Detection SW

D11 Detection SW (Rear Diff. Lock)

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 LH

D17 Door Key Lock and Unlock SW RH

D18 Door Lock Motor and Door Unlock Detection SW
Front LH

D19 Door Lock Motor and Door Unlock Detection SW
Front RH

D20 Door Lock Motor and Door Unlock Detection SW
Rear LH

D21 Door Lock Motor and Door Unlock Detection SW
Rear RH

F15 4WD Control ECU

F16 Front Speaker LH

F17 Front Speaker RH

F18 Fuel Pump

F19 Fuel Return Solenoid Valve

F20 Fuel Sender

F21 Fuel Solenoid Valve

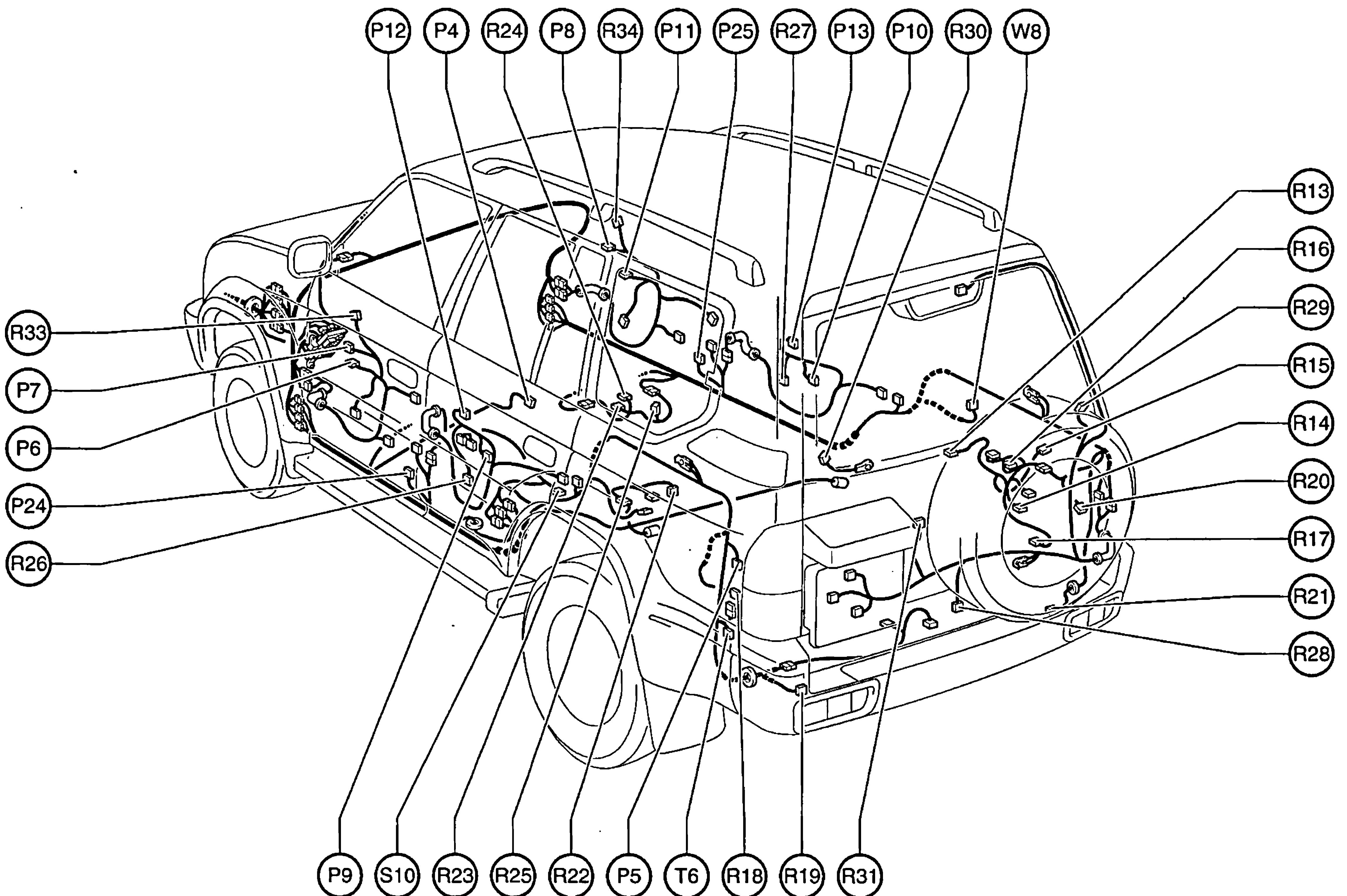
H11 High Mounted Stop Light

J 19 Junction Connector

L 1 License Plate Light

Position of Parts in Body

[LHD : 5-Door]



P 4 Parking Brake SW
 P 5 Power Outlet (Rear)
 P 6 Power Window Master SW and Door Lock Control SW
 P 7 Power Window Motor Front LH
 P 8 Power Window Motor Front RH
 P 9 Power Window Motor Rear LH
 P10 Power Window Motor Rear RH
 P11 Power Window SW (Front Passenger's Side)
 P12 Power Window SW Rear LH
 P13 Power Window SW Rear RH
 P24 Pretensioner LH
 P25 Pretensioner RH

R13 Rear A/C Blower Motor
 R14 Rear A/C Blower Resistor No.1
 R15 Rear A/C Blower Resistor No.2
 R16 Rear A/C Magnetic Valve
 R17 Rear A/C Relay
 R18 Rear Combination Light LH
 R19 Rear Combination Light LH

R20 Rear Combination Light RH
 R21 Rear Combination Light RH
 R22 Rear Diff. Lock Motor
 R23 Rear Heater Blower Motor
 R24 Rear Heater Blower Resistor
 R25 Rear Heater Relay
 R26 Rear Speaker LH
 R27 Rear Speaker RH
 R28 Rear Washer Motor
 R29 Rear Window Defogger
 R30 Rear Window Defogger
 R31 Rear Wiper Motor
 R33 Remote Control Mirror LH
 R34 Remote Control Mirror RH

S10 Sub Fuel Sender and Fuel Pump

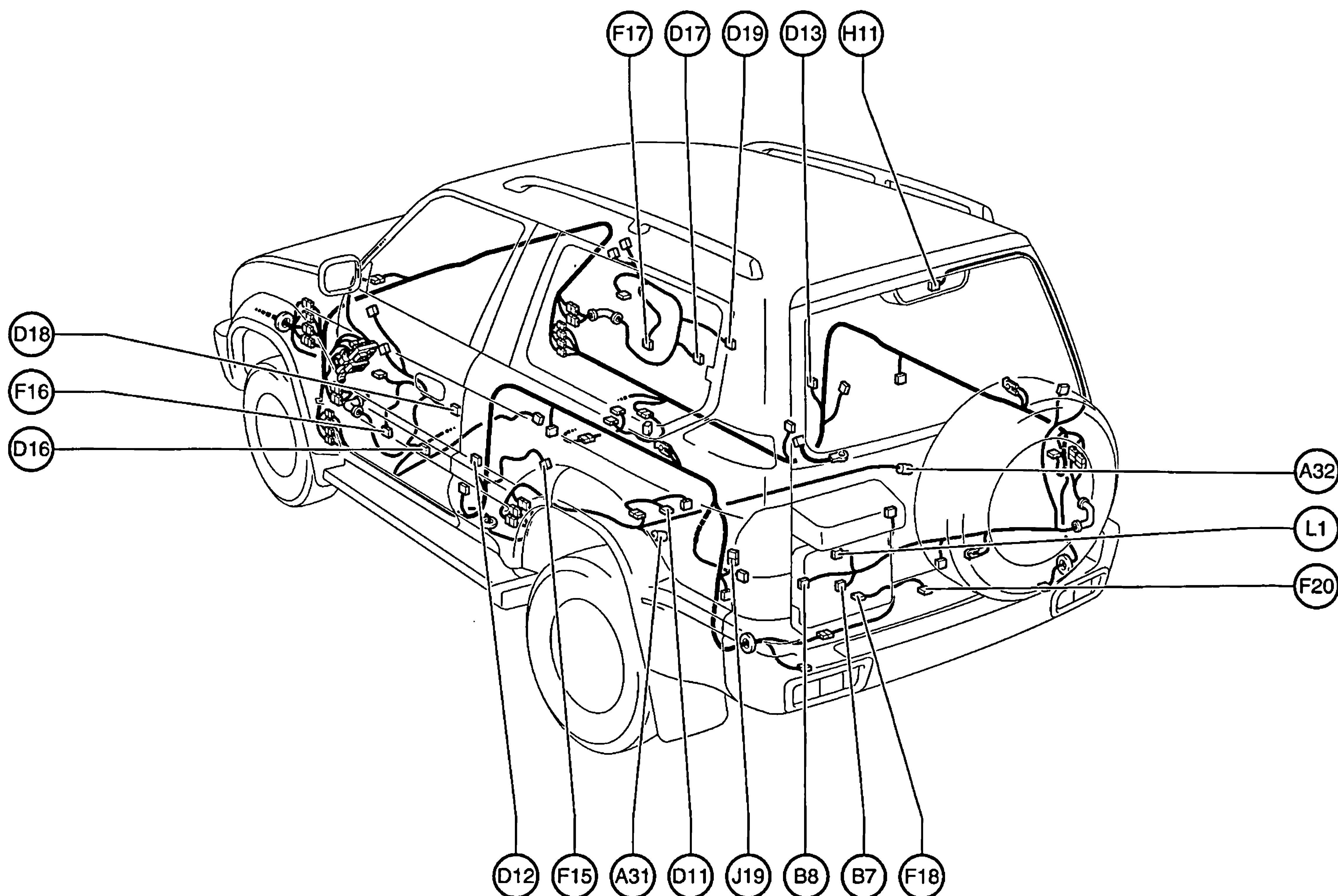
T 6 Trailer Socket

W 8 Wireless Door Lock ECU

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : 3-Door]



A31 ABS Speed Sensor Rear LH

A32 ABS Speed Sensor Rear RH

B 7 Back Door Courtesy SW

B 8 Back Door Lock Motor, Door Key Lock and Unlock SW
and Door Unlock Detection SW

D11 Detection SW (Rear Diff. Lock)

D12 Door Courtesy SW Front LH

D13 Door Courtesy SW Front RH

D16 Door Key Lock and Unlock SW LH

D17 Door Key Lock and Unlock SW RH

D18 Door Lock Motor and Door Unlock Detection SW
Front LH

D19 Door Lock Motor and Door Unlock Detection SW
Front RH

F15 4WD Control ECU

F16 Front Speaker LH

F17 Front Speaker RH

F18 Fuel Pump

F20 Fuel Sender

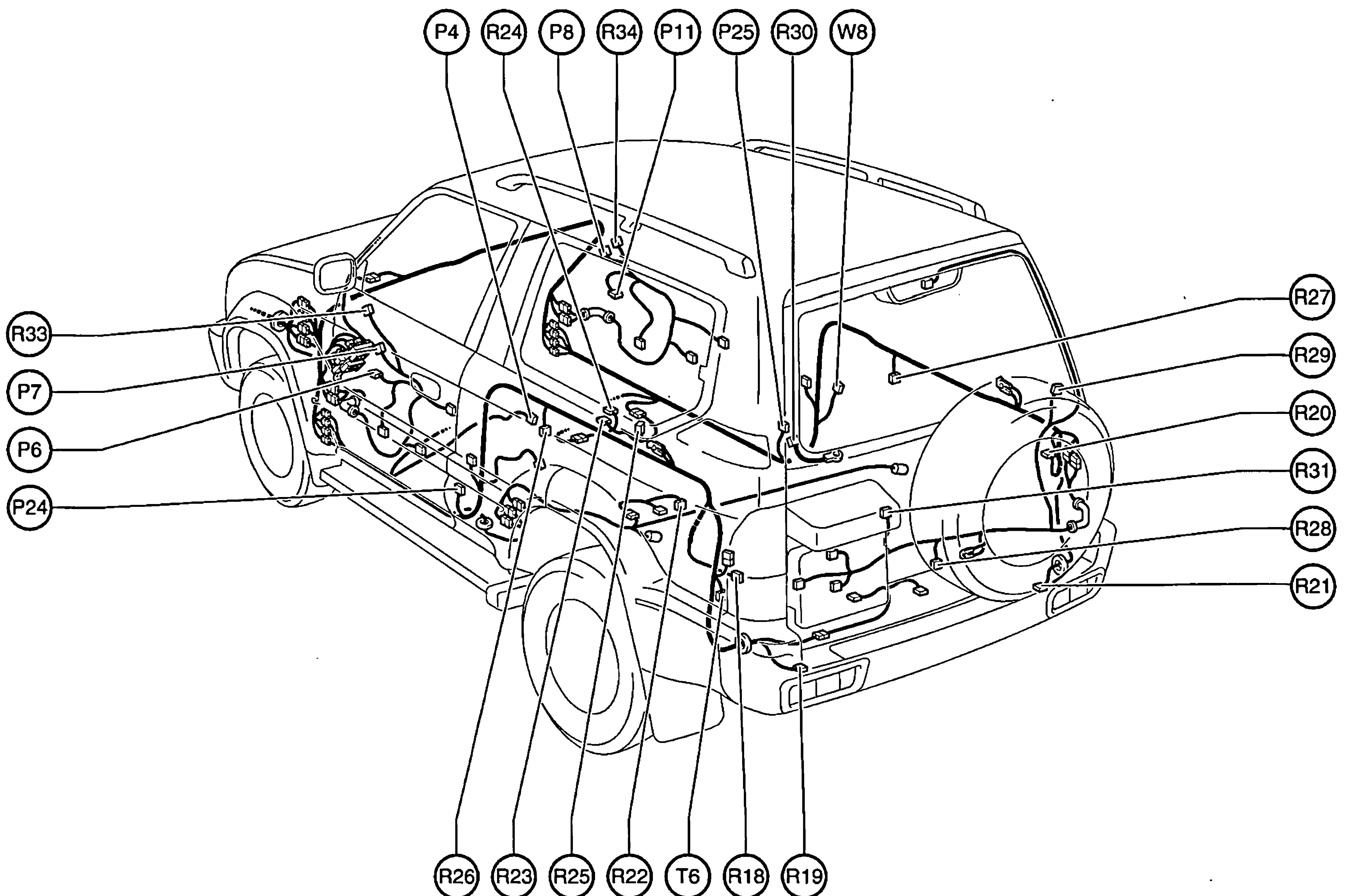
H11 High Mounted Stop Light

J19 Junction Connector

L 1 License Plate Light

Position of Parts in Body

[LHD : 3-Door]



P 4 Parking Brake SW
 P 6 Power Window Master SW and Door Lock Control SW
 P 7 Power Window Motor Front LH
 P 8 Power Window Motor Front RH
 P 11 Power Window SW (Front Passenger's Side)
 P 24 Pretensioner LH
 P 25 Pretensioner RH

R 18 Rear Combination Light LH
 R 19 Rear Combination Light LH
 R 20 Rear Combination Light RH
 R 21 Rear Combination Light RH
 R 22 Rear Diff. Lock Motor
 R 23 Rear Heater Blower Motor
 R 24 Rear Heater Blower Resistor

R 25 Rear Heater Relay
 R 26 Rear Speaker LH
 R 27 Rear Speaker RH
 R 28 Rear Washer Motor
 R 29 Rear Window Defogger
 R 30 Rear Window Defogger
 R 31 Rear Wiper Motor
 R 33 Remote Control Mirror LH
 R 34 Remote Control Mirror RH

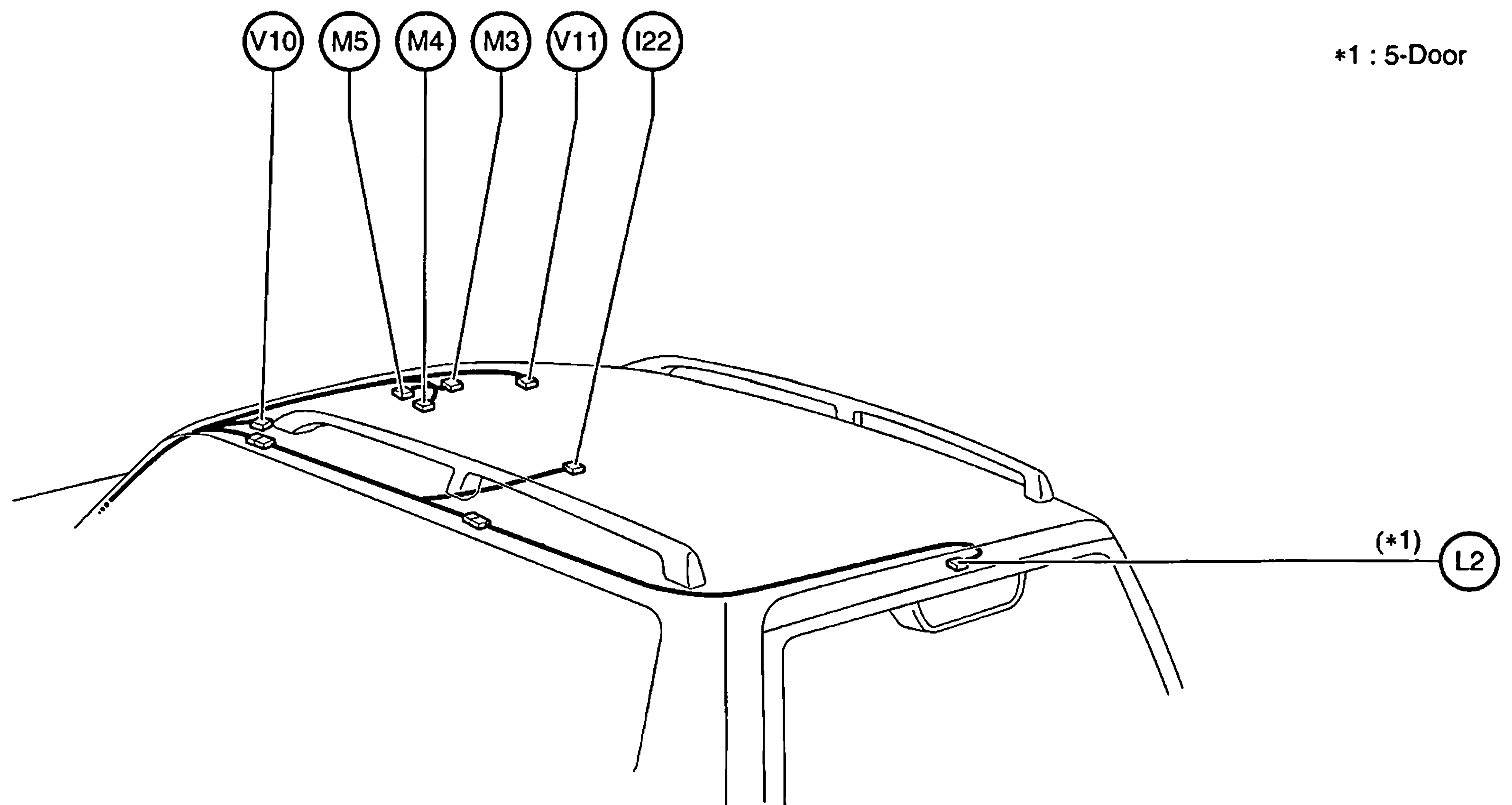
T 6 Trailer Socket

W 8 Wireless Door Lock ECU

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[LHD : w/ Moon Roof]



I 22 Interior Light

L 2 Luggage Compartment Light

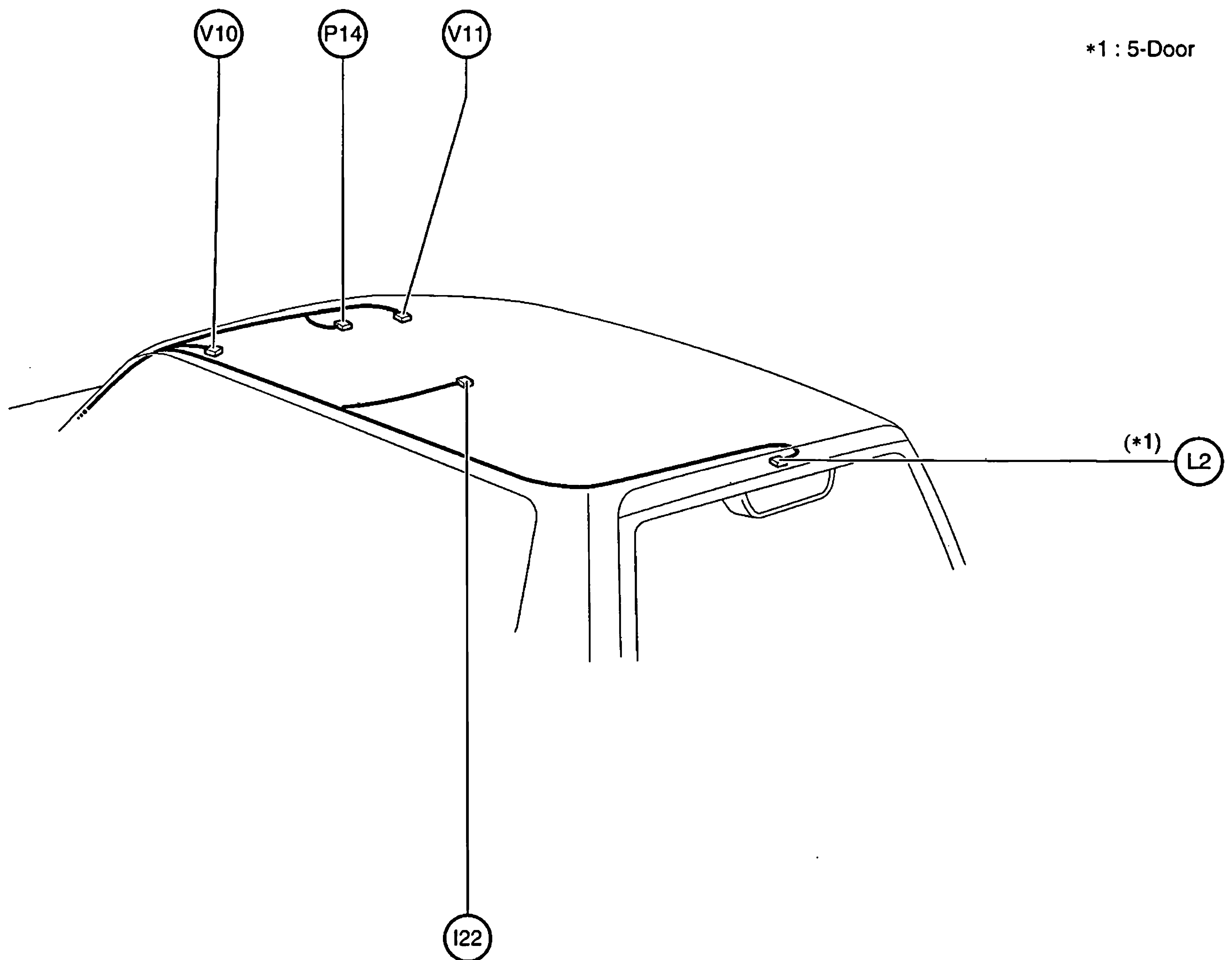
M 3 Moon Roof Control Relay

M 4 Moon Roof Control SW and Personal Light

M 5 Moon Roof Motor and Limit SW

V10 Vanity Light LH

V11 Vanity Light RH

Position of Parts in Body**[LHD : w/o Moon Roof]**

L 2 Luggage Compartment Light

P14 Personal Light

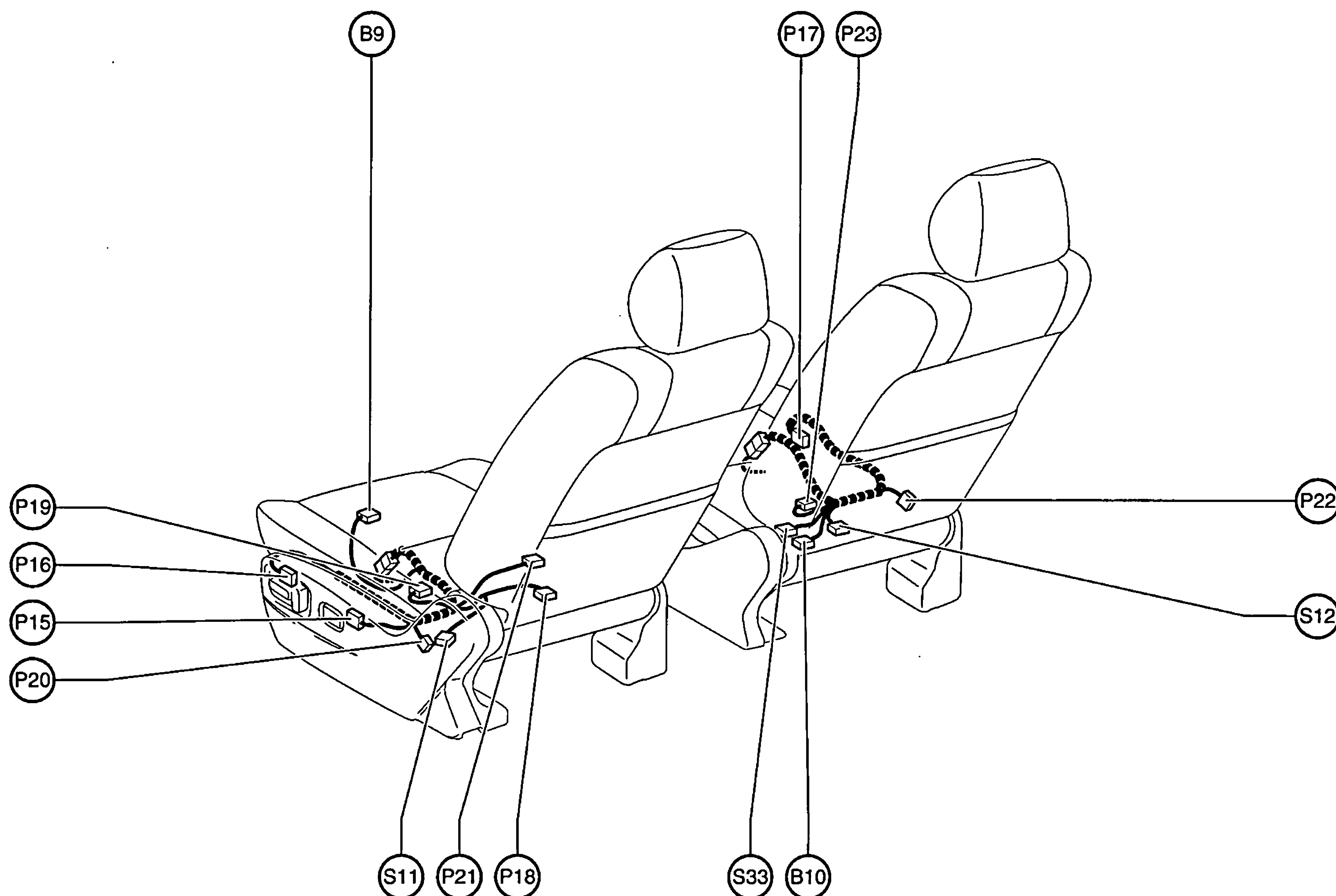
V10 Vanity Light LH

V11 Vanity Light RH

E ELECTRICAL WIRING ROUTING

Position of Parts in Seat

[LHD]



B 9 Buckle SW (Driver's Side)

B10 Buckle SW (Front Passenger's Side)

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

P16 Power Seat Control SW (Driver's Seat)

P17 Power Seat Control SW (Front Passenger's Seat)

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

P19 Power Seat Motor (Driver's Seat Rear Vertical Control)

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

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

P22 Power Seat Motor
(Front Passenger's Seat Reclining Control)

P23 Power Seat Motor
(Front Passenger's Seat Slide Control)

S11 Seat Heater (Driver's Side)

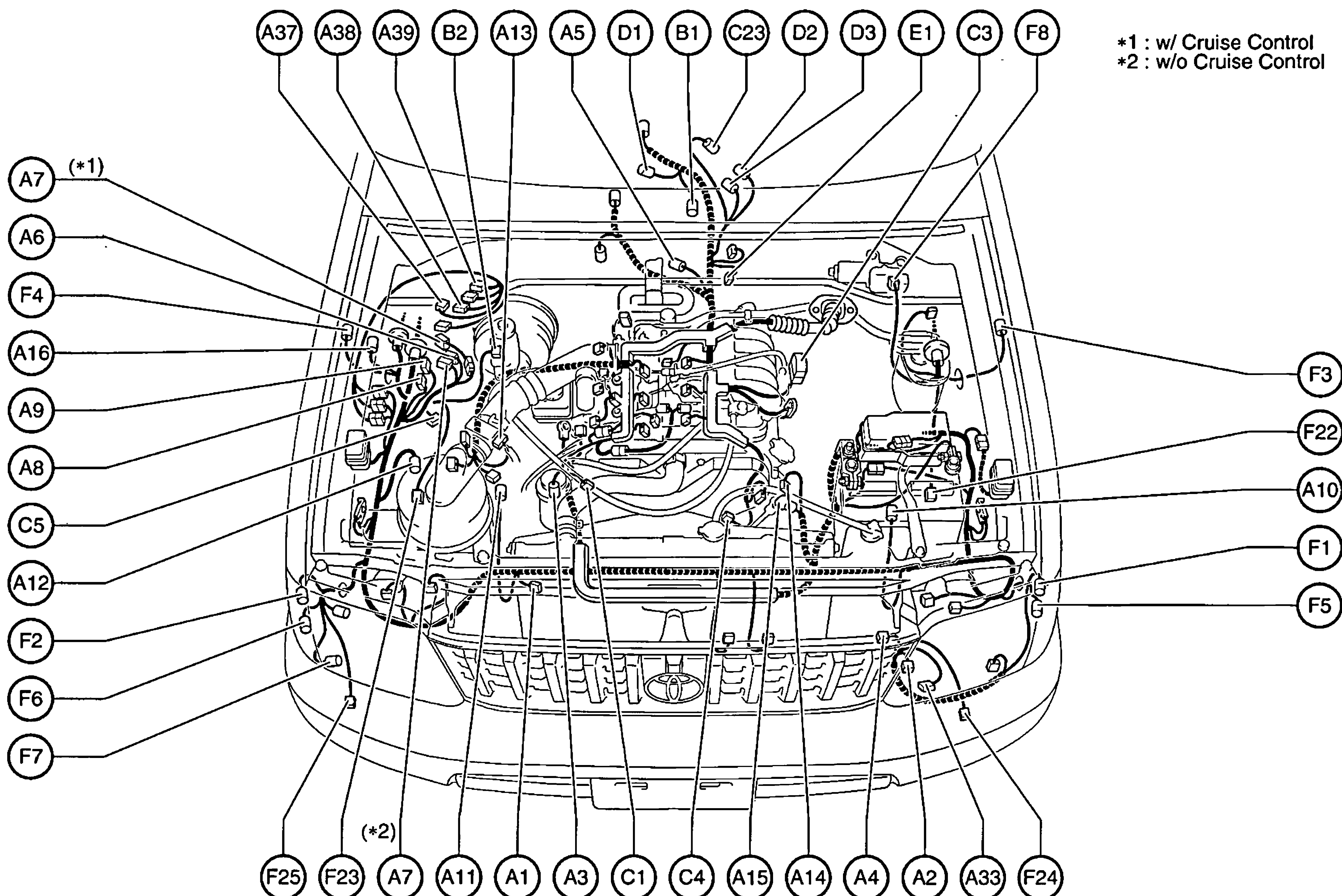
S12 Seat Heater (Front Passenger's Side)

S33 Seat Belt Warning Occupant Detection Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 5VZ-FE]



*1 : w/ Cruise Control
*2 : w/o Cruise Control

A 1 A/C Condenser Fan Motor
A 2 A/C Dual Pressure SW
A 3 A/C Magnetic Clutch
A 4 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A 5 A/T Fluid Temp. SW
A 6 ABS Actuator
A 7 ABS Actuator
A 8 ABS Relay
A 9 ABS Relay
A10 ABS Speed Sensor Front LH
A11 ABS Speed Sensor Front RH
A12 Air Cleaner Warning SW
A13 Air Flow Meter
A14 Alternator
A15 Alternator
A16 Auto Antenna Motor
A33 A/C Ambient Temp. Sensor
A37 ABS and Traction Actuator
A38 ABS and Traction Actuator
A39 ABS and Traction Actuator

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

C 1 Camshaft Position Sensor
C 3 Check Connector
C 4 Crankshaft Position Sensor
C 5 Cruise Control Actuator
C23 Center Diff. Lock Control Motor

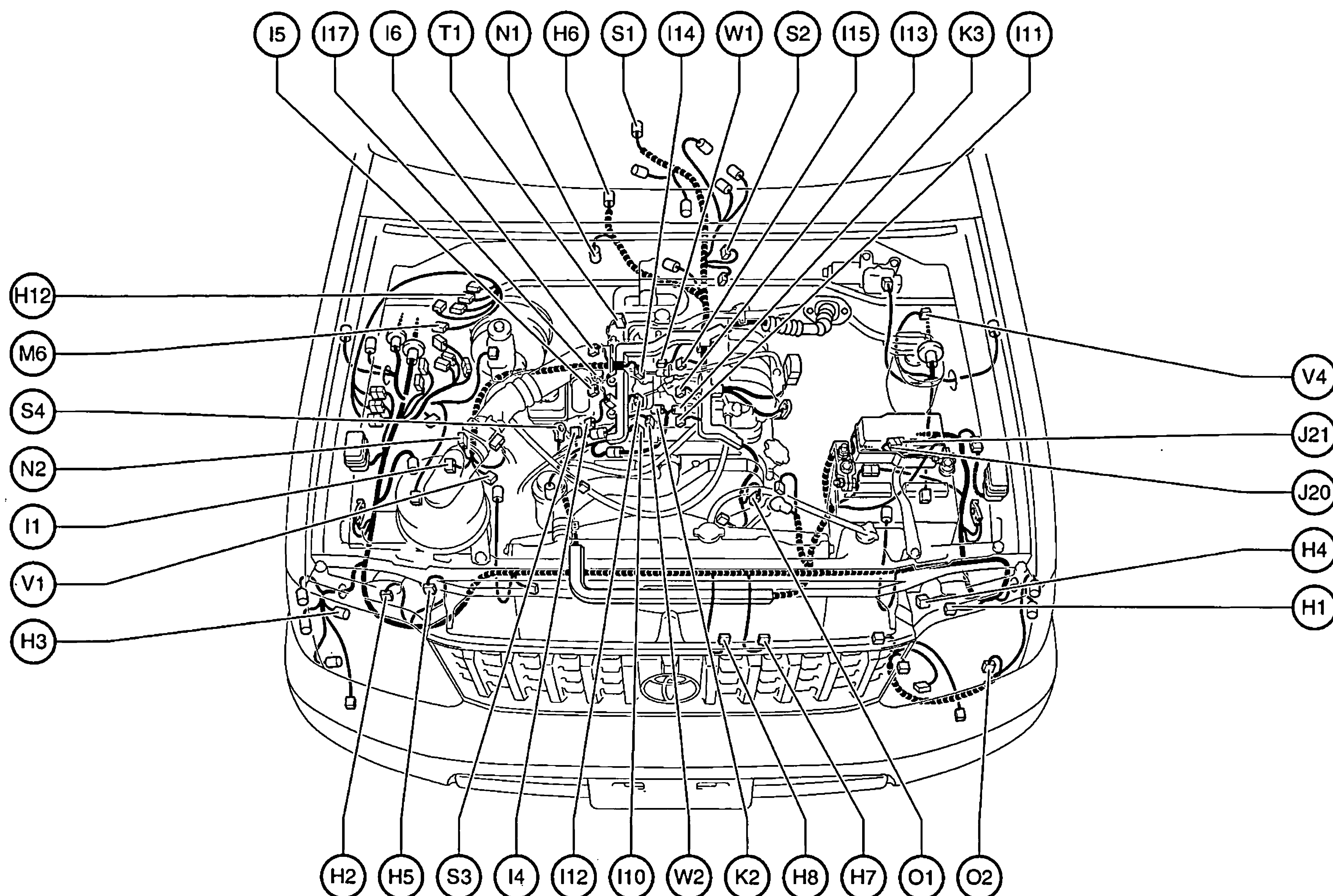
D 1 Detection SW (Transfer 4WD Position) or
(Center Diff. Lock)
D 2 Detection SW (Transfer L4 Position)
D 3 Detection SW (Transfer Neutral Position)

E 1 ECT Solenoid

F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Side Turn Signal Light LH
F 4 Front Side Turn Signal Light RH
F 5 Front Turn Signal Light LH
F 6 Front Turn Signal Light RH
F 7 Front Washer Motor and Headlight Cleaner Motor
F 8 Front Wiper Motor
F22 Front Airbag Sensor LH
F23 Front Airbag Sensor RH
F24 Front Fog Light LH
F25 Front Fog Light RH

Position of Parts in Engine Compartment

[RHD : 5VZ-FE]



H 1 Headlight Beam Level Control Actuator LH
 H 2 Headlight Beam Level Control Actuator RH
 H 3 Headlight Cleaner Relay
 H 4 Headlight LH
 H 5 Headlight RH
 H 6 Heated Oxygen Sensor
 H 7 Horn LH
 H 8 Horn RH
 H12 Hydro Pump Motor

I 1 Igniter
 I 4 Ignition Coil No.1
 I 5 Ignition Coil No.2
 I 6 Ignition Coil No.3
 I 10 Injector No.1
 I 11 Injector No.2
 I 12 Injector No.3
 I 13 Injector No.4
 I 14 Injector No.5
 I 15 Injector No.6
 I 17 ISC Valve

J 20 Junction Connector
 J 21 Junction Connector

K 2 Knock Sensor No.1
 K 3 Knock Sensor No.2

M 6 Master Cylinder Pressure Sensor

N 1 Neutral Start SW, Back-Up Light SW and
 A/T Indicator SW

O 1 Oil Pressure SW
 O 2 Outer Ambient Temp. Sensor

S 1 Speed Sensor (Combination Meter)
 S 2 Speed Sensor (ECT)
 S 3 Starter
 S 4 Starter

T 1 Throttle Position Sensor

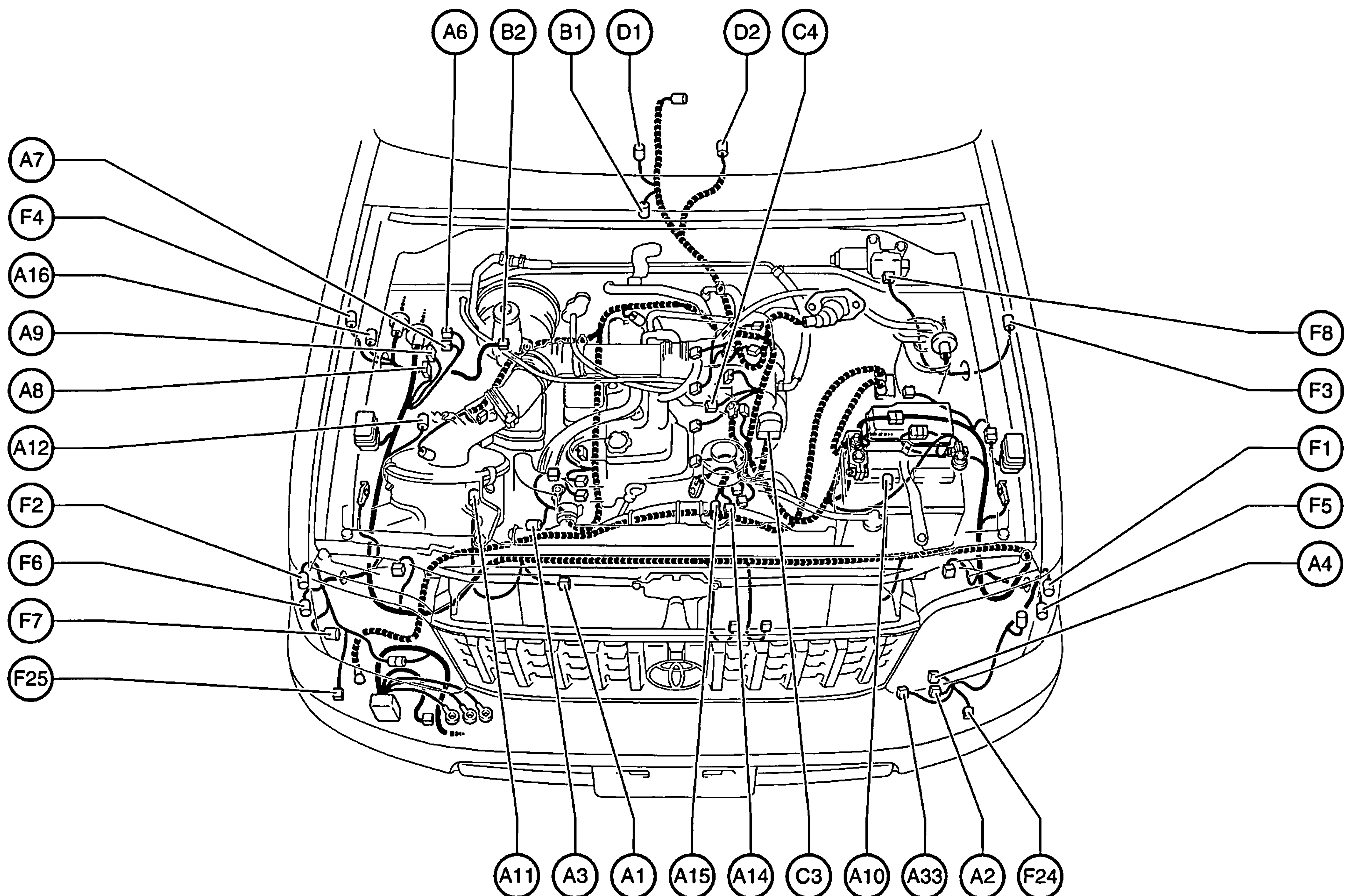
V 1 Variable Resistor
 V 4 VSV (EVAP)

W 1 Water Temp. Sender
 W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 3RZ-FE]



A 1 A/C Condenser Fan Motor

A 2 A/C Dual Pressure SW

A 3 A/C Magnetic Clutch

A 4 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)

A 6 ABS Actuator

A 7 ABS Actuator

A 8 ABS Relay

A 9 ABS Relay

A10 ABS Speed Sensor Front LH

A11 ABS Speed Sensor Front RH

A12 Air Cleaner Warning SW

A14 Alternator

A15 Alternator

A16 Auto Antenna Motor

A33 A/C Ambient Temp. Sensor

B 1 Back-Up Light SW

B 2 Brake Fluid Level Warning SW

C 3 Check Connector

C 4 Crankshaft Position Sensor

D 1 Detection SW (Transfer 4WD Position) or
(Center Diff. Lock)

D 2 Detection SW (Transfer L4 Position)

F 1 Front Clearance Light LH

F 2 Front Clearance Light RH

F 3 Front Side Turn Signal Light LH

F 4 Front Side Turn Signal Light RH

F 5 Front Turn Signal Light LH

F 6 Front Turn Signal Light RH

F 7 Front Washer Motor and Headlight Cleaner Motor

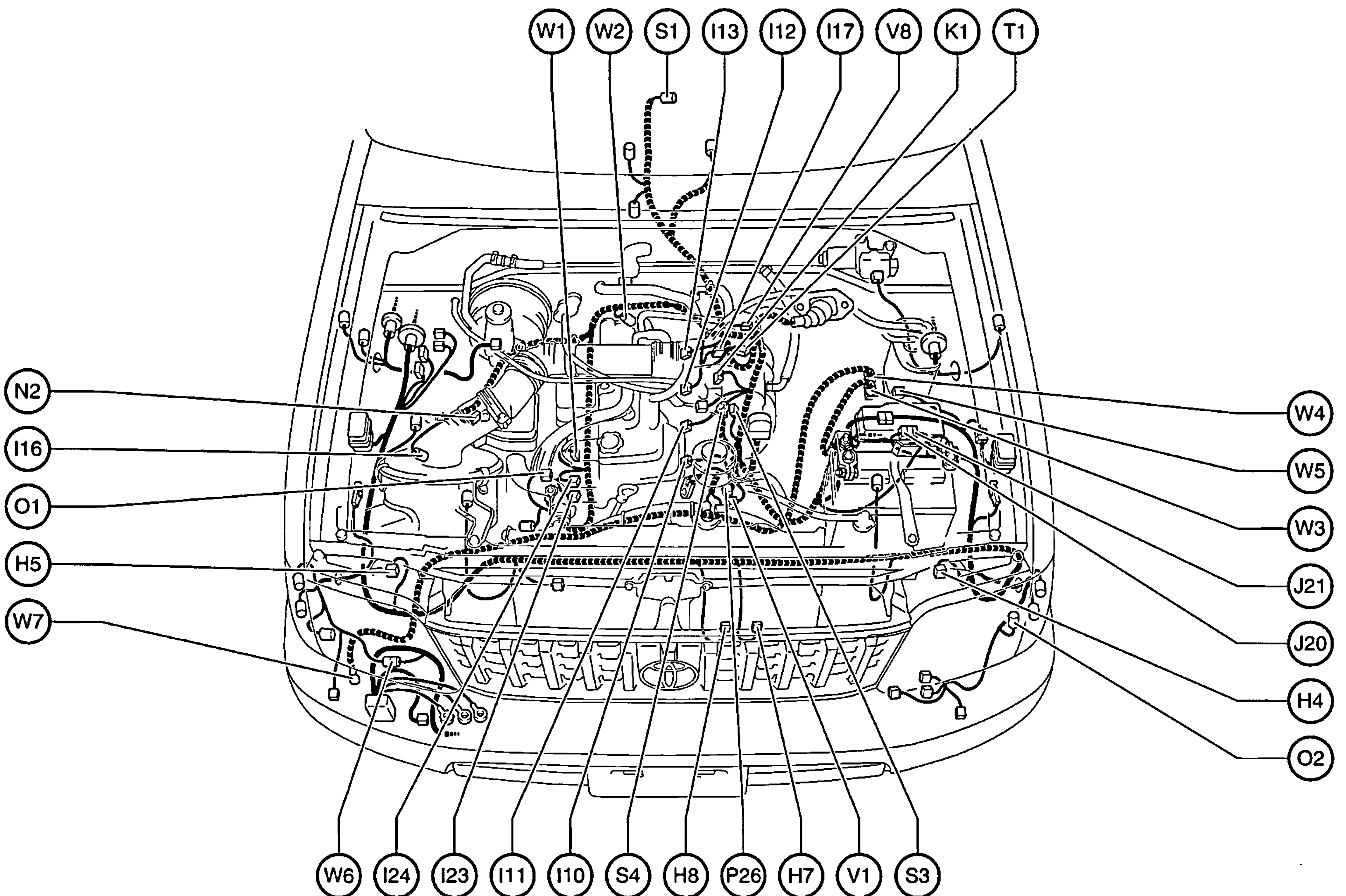
F 8 Front Wiper Motor

F24 Front Fog Light LH

F25 Front Fog Light RH

Position of Parts in Engine Compartment

[RHD : 3RZ-FE]



H 4 Headlight LH
H 5 Headlight RH
H 7 Horn LH
H 8 Horn RH

I 10 Injector No.1
I 11 Injector No.2
I 12 Injector No.3
I 13 Injector No.4
I 16 Intake Air Temp. Sensor
I 17 ISC Valve
I 23 Ignition Coil and Igniter No.1
I 24 Ignition Coil and Igniter No.2

J 20 Junction Connector
J 21 Junction Connector

K 1 Knock Sensor

N 2 Noise Filter (Ignition)

O 1 Oil Pressure SW
O 2 Outer Ambient Temp. Sensor

P 26 Power Steering Oil Pressure SW

S 1 Speed Sensor (Combination Meter)
S 2 Speed Sensor (ECT)
S 3 Starter
S 4 Starter

T 1 Throttle Position Sensor

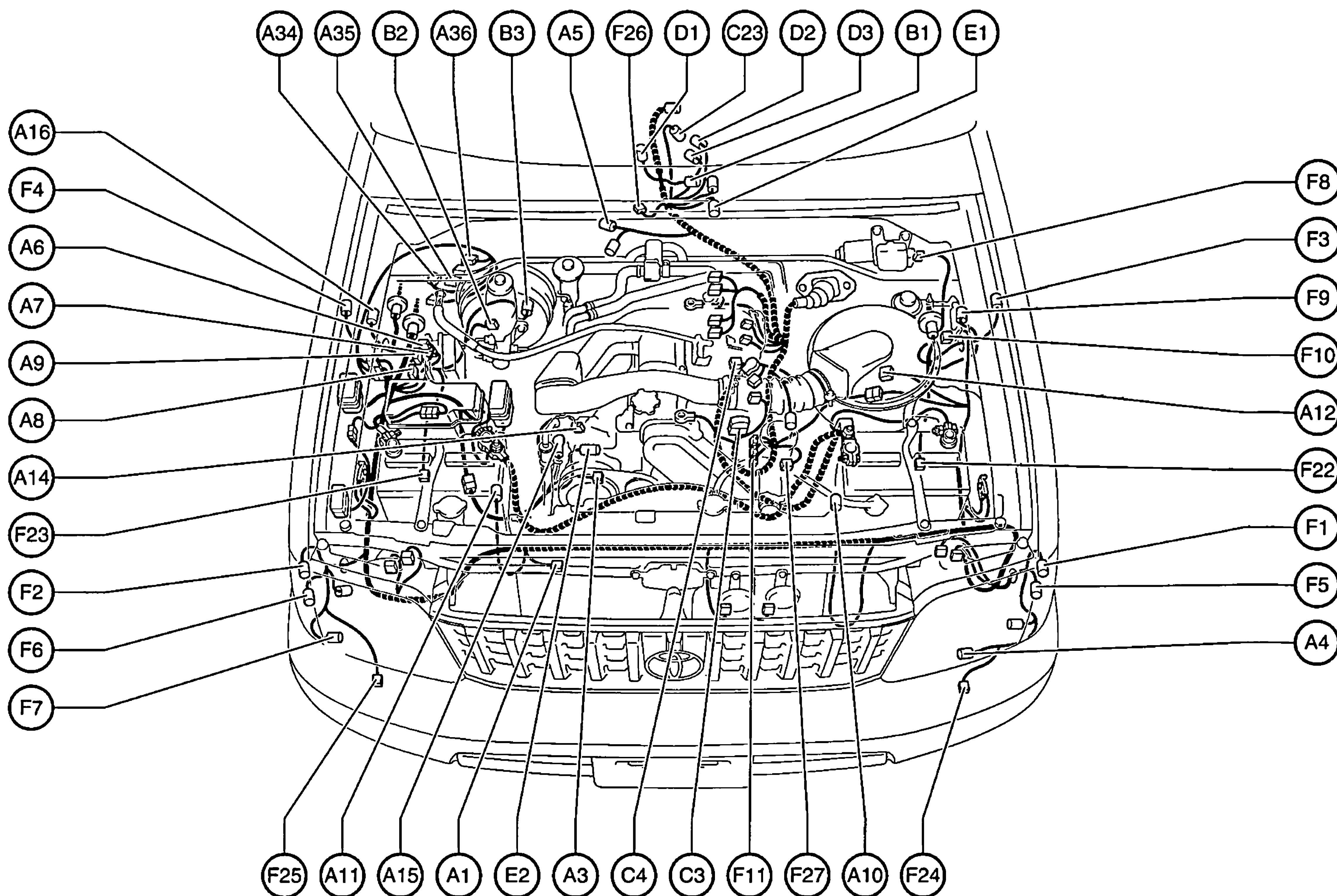
V 1 Variable Resistor
V 8 Vacuum Sensor

W 1 Water Temp. Sender
W 2 Water Temp. Sensor
W 3 Winch Main Relay
W 4 Winch Main Relay
W 5 Winch Main Relay
W 6 Winch Motor and Control SW
W 7 Winch Motor and Control SW

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 1KZ-TE Australia]



A 1 A/C Condenser Fan Motor
 A 3 A/C Magnetic Clutch
 A 4 A/C Triple Pressure SW
 (A/C Dual and Single Pressure SW)
 A 5 A/T Fluid Temp. SW
 A 6 ABS Actuator
 A 7 ABS Actuator
 A 8 ABS Relay
 A 9 ABS Relay
 A10 ABS Speed Sensor Front LH
 A11 ABS Speed Sensor Front RH
 A14 Alternator
 A15 Alternator
 A16 Auto Antenna Motor
 A34 ABS & TRC & VSC Actuator
 A35 ABS & TRC & VSC Actuator
 A36 ABS & TRC & VSC Actuator

B 1 Back-Up Light SW
 B 2 Brake Fluid Level Warning SW
 B 3 Brake Vacuum Warning SW

C 3 Check Connector
 C 4 Crankshaft Position Sensor
 C23 Center Diff. Lock Control Motor

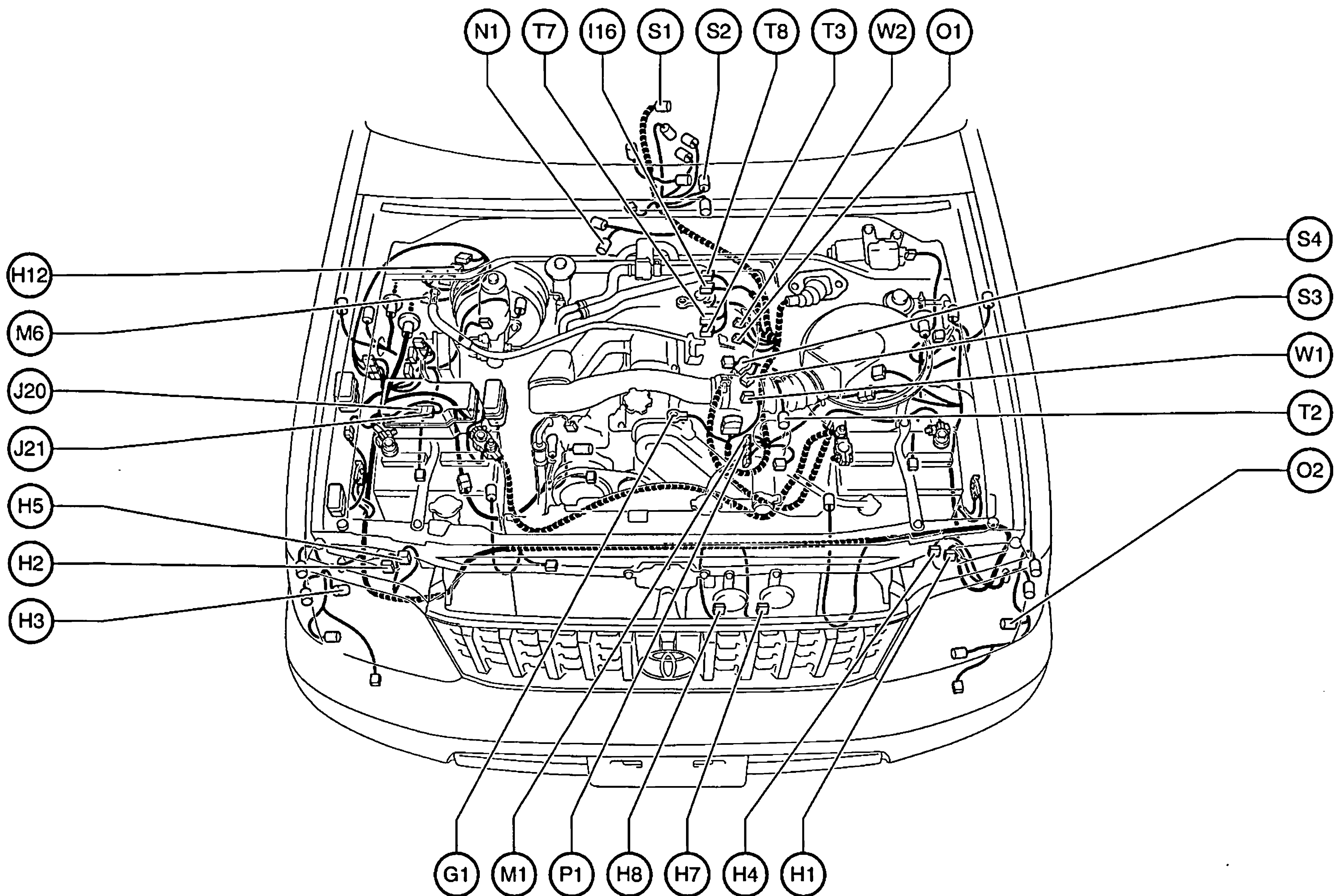
D 1 Detection SW (Transfer 4WD Position) or
 (Center Diff. Lock)
 D 2 Detection SW (Transfer L4 Position)
 D 3 Detection SW (Transfer Neutral Position)

E 1 ECT Solenoid
 E 2 Engine Oil Level Sensor

F 1 Front Clearance Light LH
 F 2 Front Clearance Light RH
 F 3 Front Side Turn Signal Light LH
 F 4 Front Side Turn Signal Light RH
 F 5 Front Turn Signal Light LH
 F 6 Front Turn Signal Light RH
 F 7 Front Washer Motor and Headlight Cleaner Motor
 F 8 Front Wiper Motor
 F 9 Fuel Filter Warning SW
 F10 Fuel Heater
 F11 Fuel Temp. Sensor
 F22 Front Airbag Sensor LH
 F23 Front Airbag Sensor RH
 F24 Front Fog Light LH
 F25 Front Fog Light RH
 F26 First Position SW
 F27 Fuel Pump Control ECU

Position of Parts in Engine Compartment

[RHD : 1KZ-TE Australia]



G 1 Glow Plug

H 1 Headlight Beam Level Control Actuator LH
 H 2 Headlight Beam Level Control Actuator RH
 H 3 Headlight Cleaner Relay
 H 4 Headlight LH
 H 5 Headlight RH
 H 7 Horn LH
 H 8 Horn RH
 H12 Hydro Pump Motor

I 16 Intake Air Temp. Sensor

J 20 Junction Connector
 J 21 Junction Connector

M 1 Magnetic Spill Valve
 M 6 Master Cylinder Pressure Sensor

N 1 Neutral Start SW, Back-Up Light SW and
 A/T Indicator SW

O 1 Oil Pressure SW

O 2 Outer Ambient Temp. Sensor

P 1 Pick-Up Sensor (Engine Speed Sensor)

S 1 Speed Sensor (Combination Meter)
 S 2 Speed Sensor (ECT)
 S 3 Starter
 S 4 Starter

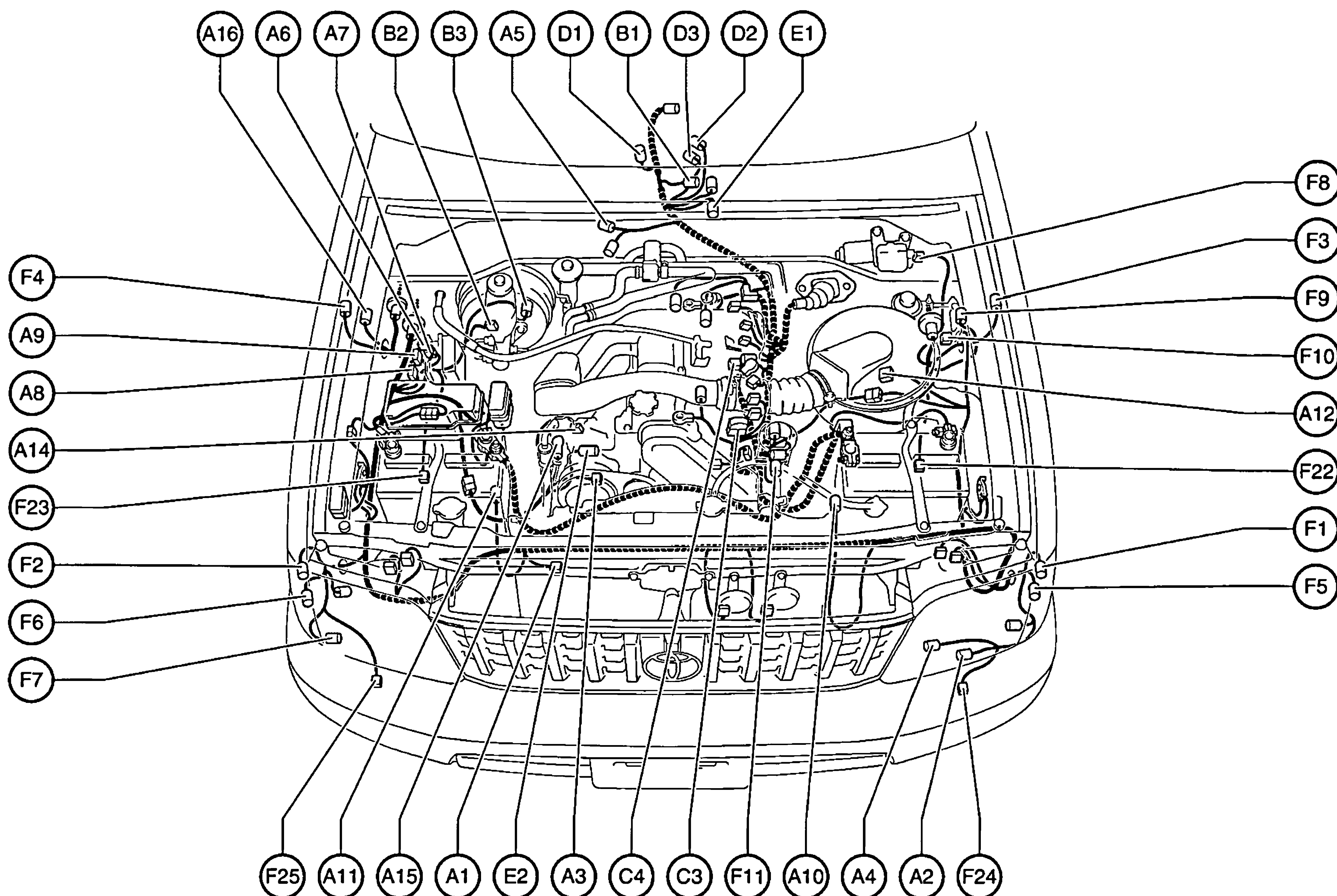
T 1 Throttle Position Sensor
 T 2 Timing Control Valve
 T 3 Turbo Pressure Sensor
 T 7 Throttle Control Motor
 T 8 Throttle Open SW

W 1 Water Temp. Sender
 W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 1KZ-TE Except Australia]



- A 1 A/C Condenser Fan Motor
- A 2 A/C Dual Pressure SW
- A 3 A/C Magnetic Clutch
- A 4 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
- A 5 A/T Fluid Temp. SW
- A 6 ABS Actuator
- A 7 ABS Actuator
- A 8 ABS Relay
- A 9 ABS Relay
- A10 ABS Speed Sensor Front LH
- A11 ABS Speed Sensor Front RH
- A12 Air Cleaner Warning SW
- A14 Alternator
- A15 Alternator
- A16 Auto Antenna Motor

- B 1 Back-Up Light SW
- B 2 Brake Fluid Level Warning SW
- B 3 Brake Vacuum Warning SW

- C 3 Check Connector
- C 4 Crankshaft Position Sensor

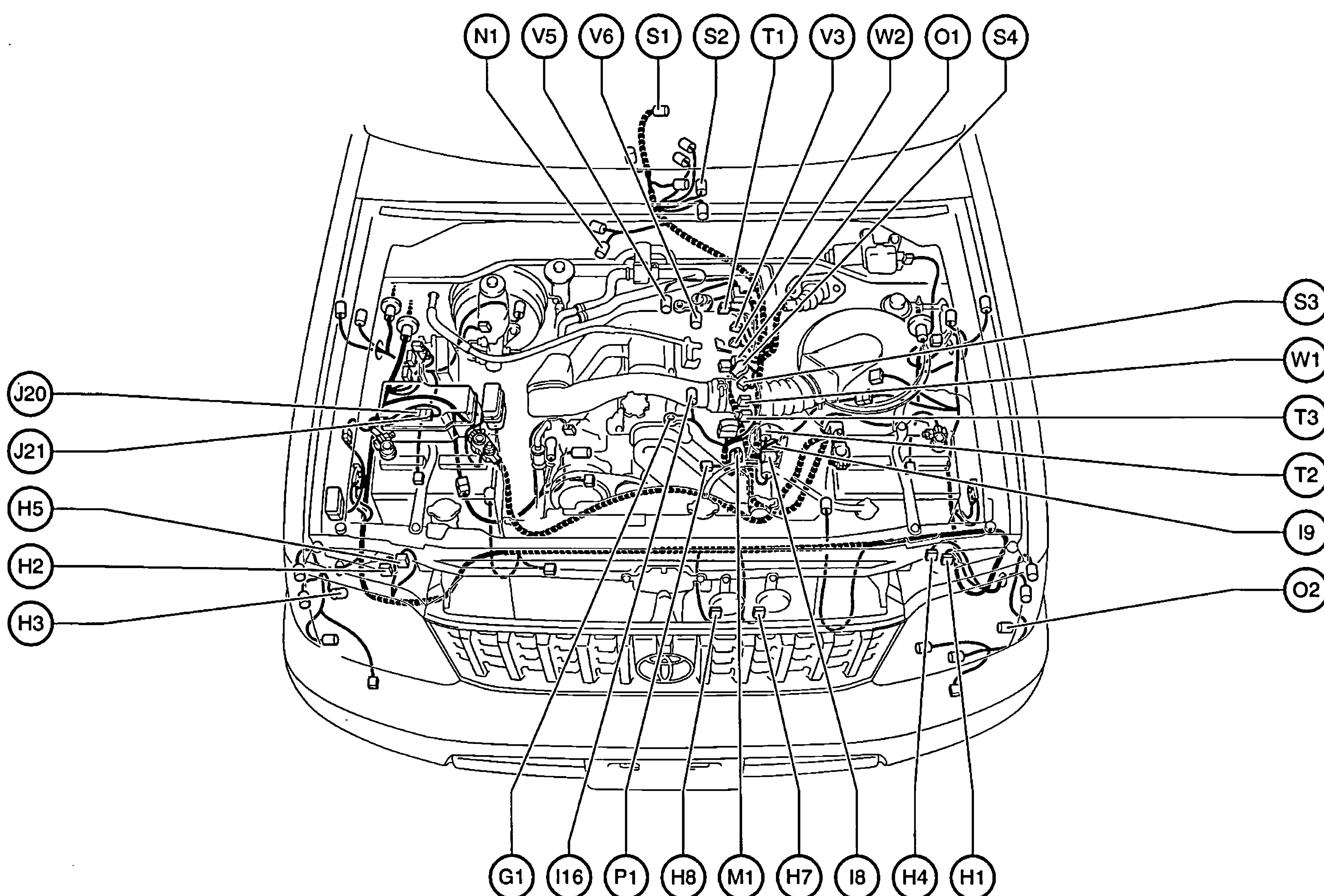
- D 1 Detection SW (Transfer 4WD Position) or
(Center Diff. Lock)
- D 2 Detection SW (Transfer L4 Position)
- D 3 Detection SW (Transfer Neutral Position)

- E 1 ECT Solenoid
- E 2 Engine Oil Level Sensor

- F 1 Front Clearance Light LH
- F 2 Front Clearance Light RH
- F 3 Front Side Turn Signal Light LH
- F 4 Front Side Turn Signal Light RH
- F 5 Front Turn Signal Light LH
- F 6 Front Turn Signal Light RH
- F 7 Front Washer Motor and Headlight Cleaner Motor
- F 8 Front Wiper Motor
- F 9 Fuel Filter Warning SW
- F10 Fuel Heater
- F11 Fuel Temp. Sensor
- F22 Front Airbag Sensor LH
- F23 Front Airbag Sensor RH
- F24 Front Fog Light LH
- F25 Front Fog Light RH

Position of Parts in Engine Compartment

[RHD : 1KZ-TE Except Australia]



G 1 Glow Plug

H 1 Headlight Beam Level Control Actuator LH
H 2 Headlight Beam Level Control Actuator RH
H 3 Headlight Cleaner Relay
H 4 Headlight LH
H 5 Headlight RH
H 7 Horn LH
H 8 Horn RH

I 8 Injection Pump Resistor No.1
I 9 Injection Pump Resistor No.2
I 16 Intake Air Temp. Sensor

J 20 Junction Connector
J 21 Junction Connector

M 1 Magnetic Spill Valve

N 1 Neutral Start SW, Back-Up Light SW and
A/T Indicator SW

O 1 Oil Pressure SW
O 2 Outer Ambient Temp. Sensor

P 1 Pick-Up Sensor (Engine Speed Sensor)

S 1 Speed Sensor (Combination Meter)
S 2 Speed Sensor (ECT)
S 3 Starter
S 4 Starter

T 1 Throttle Position Sensor
T 2 Timing Control Valve
T 3 Turbo Pressure Sensor

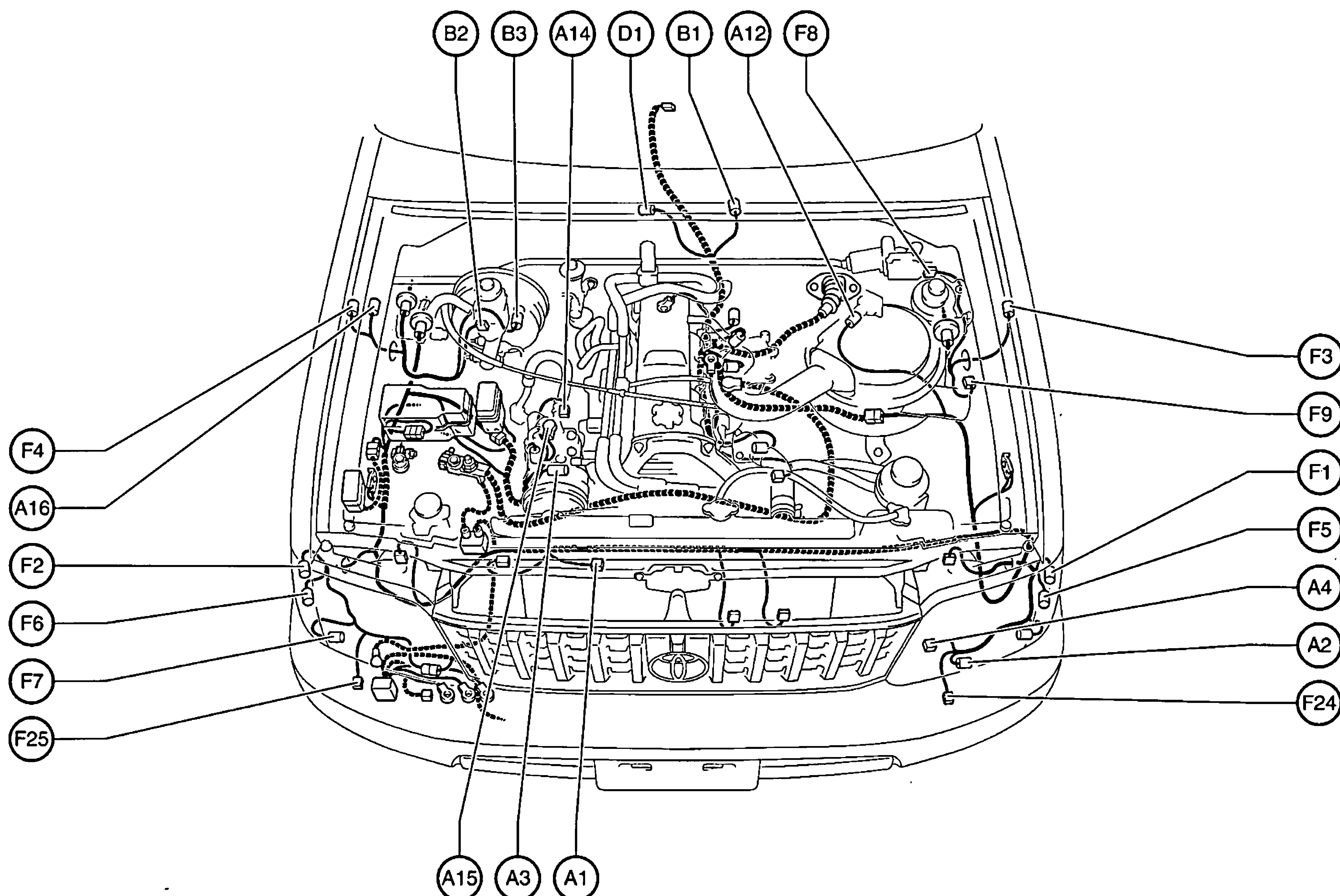
V 3 VSV (EGR Valve)
V 5 VSV (Intake Constrictor Control No. 1)
V 6 VSV (Intake Constrictor Control No. 2)

W 1 Water Temp. Sender
W 2 Water Temp. Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Engine Compartment

[RHD : 3L]



A 1 A/C Condenser Fan Motor
A 2 A/C Dual Pressure SW
A 3 A/C Magnetic Clutch
A 4 A/C Triple Pressure SW
(A/C Dual and Single Pressure SW)
A12 Air Cleaner Warning SW
A14 Alternator
A15 Alternator
A16 Auto Antenna Motor

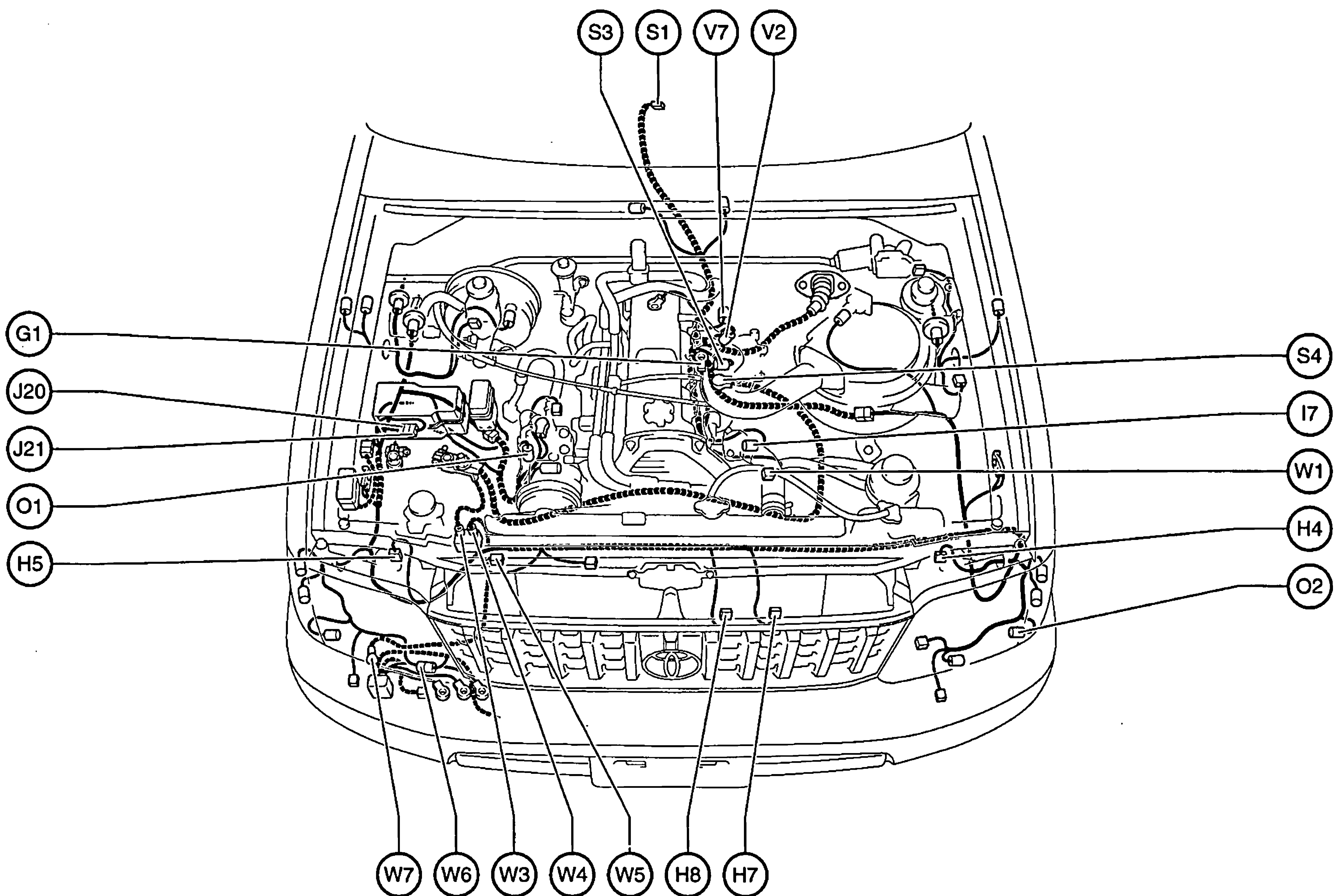
B 1 Back-Up Light SW
B 2 Brake Fluid Level Warning SW
B 3 Brake Vacuum Warning SW

D 1 Detection SW (Transfer 4WD Position) or
(Center Diff. Lock)

F 1 Front Clearance Light LH
F 2 Front Clearance Light RH
F 3 Front Side Turn Signal Light LH
F 4 Front Side Turn Signal Light RH
F 5 Front Turn Signal Light LH
F 6 Front Turn Signal Light RH
F 7 Front Washer Motor and Headlight Cleaner Motor
F 8 Front Wiper Motor
F 9 Fuel Filter Warning SW
F24 Front Fog Light LH
F25 Front Fog Light RH

Position of Parts in Engine Compartment

[RHD : 3L]



G 1 Glow Plug

H 4 Headlight LH

H 5 Headlight RH

H 7 Horn LH

H 8 Horn RH

I 7 Injection Pump

J 20 Junction Connector

J 21 Junction Connector

O 1 Oil Pressure SW

O 2 Outer Ambient Temp. Sensor

S 1 Speed Sensor (Combination Meter)

S 3 Starter

S 4 Starter

V 2 VSV (A/C Idle-Up)

V 7 VSV (Intake Shutter)

W 1 Water Temp. Sender

W 3 Winch Main Relay

W 4 Winch Main Relay

W 5 Winch Main Relay

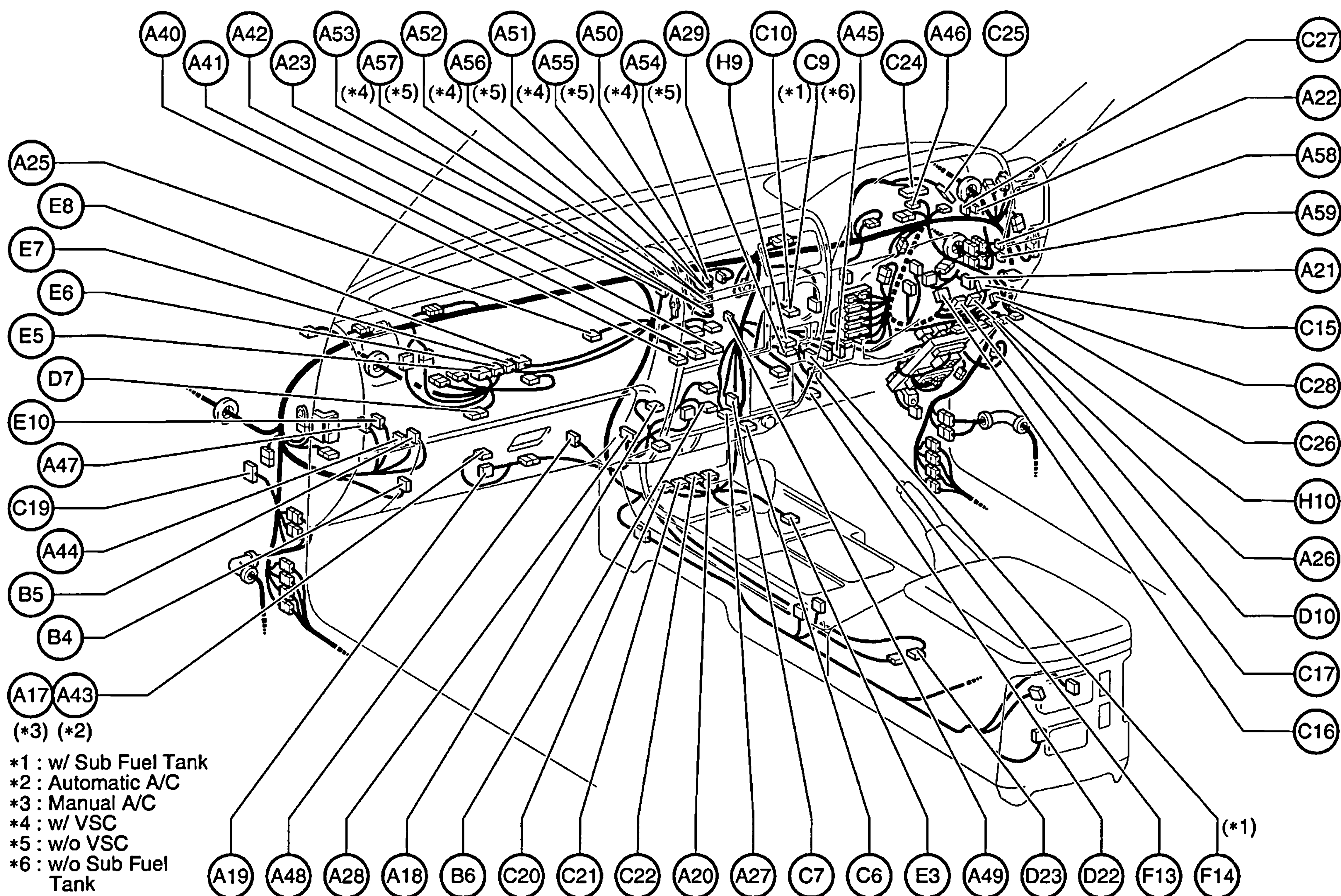
W 6 Winch Motor and Control SW

W 7 Winch Motor and Control SW

E ELECTRICAL WIRING ROUTING

Position of Parts in Instrument Panel

[RHD]



- A 17 A/C Amplifier
- A 18 A/C SW
- A 19 A/C Thermistor (Front)
- A 20 ABS Deceleration Sensor
- A 21 ABS ECU
- A 22 ABS ECU
- A 23 Accessory Meter
- A 25 Airbag Squib (Front Passenger Airbag Assembly)
- A 26 Airbag Squib (Steering Wheel Pad)
- A 27 Ashtray Illumination
- A 28 Auto Antenna Control Relay
- A 29 Auto Antenna SW
- A 40 A/C Control Assembly
- A 41 A/C Control Assembly
- A 42 A/C Control Assembly
- A 43 A/C Magnetic Clutch Relay
- A 44 A/C Power Transistor (Front)
- A 45 A/C Room Temp. Sensor
- A 46 A/C Solar Sensor
- A 47 Air Inlet Control Servo Motor
- A 48 Air Mix Control Servo Motor and Water Temp. Sensor
- A 49 Air Vent Mode Control Servo Motor
- A 50 ABS & TRC & VSC ECU
- A 51 ABS & TRC & VSC ECU
- A 52 ABS & TRC & VSC ECU
- A 53 ABS & TRC & VSC ECU
- A 54 ABS and Traction ECU
- A 55 ABS and Traction ECU
- A 56 ABS and Traction ECU
- A 57 ABS and Traction ECU
- A 58 Accel Position Sensor
- A 59 Accelerator Pedal SW

- B 4 Blower Motor
- B 5 Blower Resistor
- B 6 Blower SW

- C 6 Cigarette Lighter
- C 7 Cigarette Lighter Illumination
- C 9 Clock
- C 10 Clock and Sub Fuel Tank Gauge
- C 15 Combination SW
- C 16 Combination SW
- C 17 Combination SW
- C 19 Cruise Control ECU
- C 20 Center Airbag Sensor Assembly
- C 21 Center Airbag Sensor Assembly
- C 22 Center Airbag Sensor Assembly
- C 24 Combination Meter
- C 25 Combination Meter
- C 26 Center Diff. Lock Control SW
- C 27 Center Diff. Lock ECU
- C 28 Combination SW

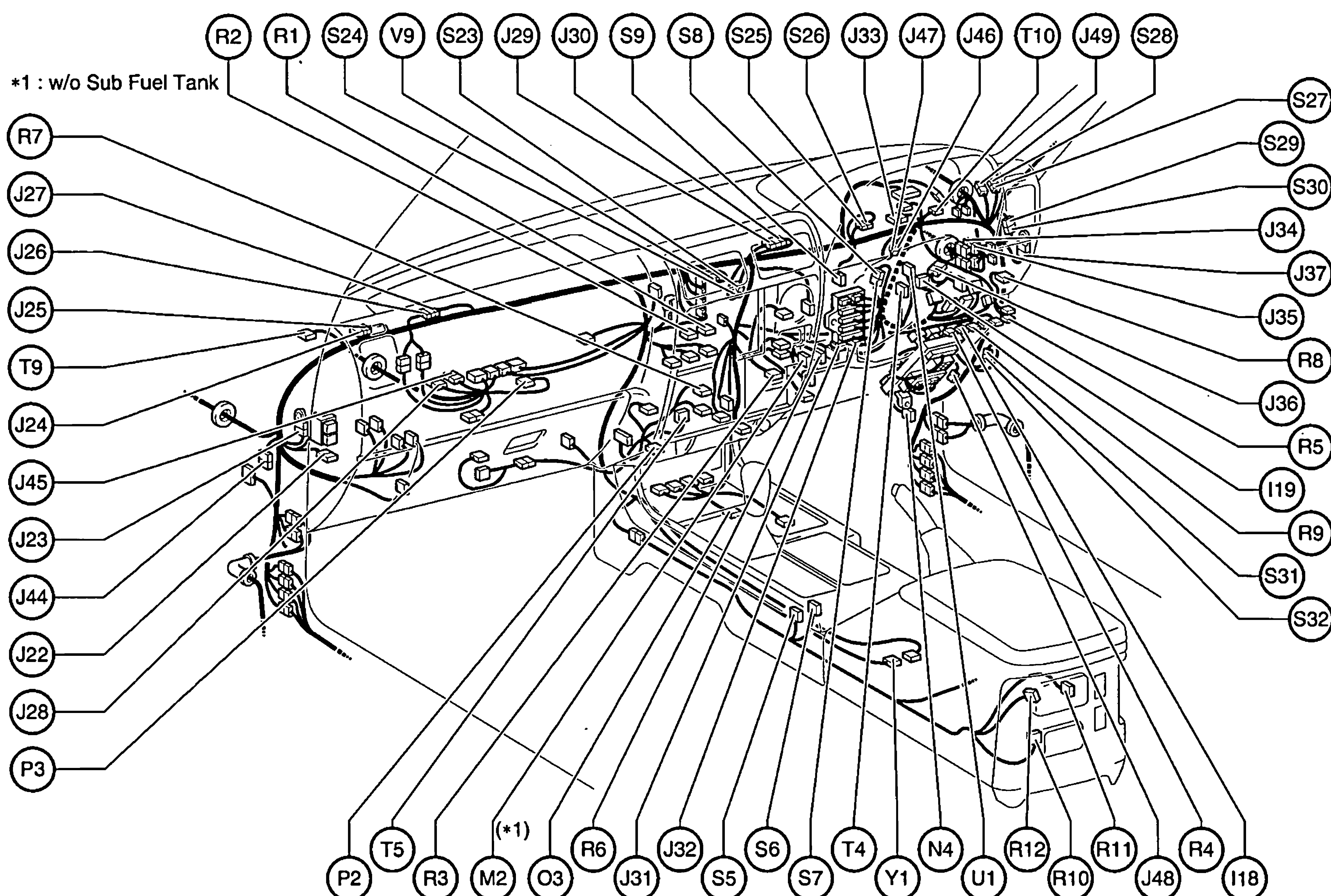
- D 7 Diode (Glow Plug)
- D 10 Door Lock Control SW
- D 23 Deceleration Sensor

- E 3 ECT Pattern Select SW
- E 5 Engine ECU (M/T) or Engine and ECT ECU (A/T)
- E 6 Engine ECU (M/T) or Engine and ECT ECU (A/T)
- E 7 Engine ECU (M/T) or Engine and ECT ECU (A/T)
- E 8 Engine ECU (M/T) or Engine and ECT ECU (A/T)
- E 10 Extra High Speed Relay
- F 13 Fuel Pump Select Relay or Short Connector
- F 14 Fuel Tank Changeover SW

- H 9 Hazard SW
- H 10 Headlight Beam Level Control SW

Position of Parts in Instrument Panel

[RHD]



I 18 Idle-Up SW
I 19 Ignition SW

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
J 44 Junction Connector
J 45 Junction Connector
J 46 Junction Connector
J 47 Junction Connector
J 48 Junction Connector
J 49 Junction Connector

M 2 Mirror Heater SW

N 4 Noise Filter (CIG)

O 3 O/D Main SW and A/T Shift Lever Illumination

P 2 Power Outlet (Front)
P 3 Pre-Heating Timer

R 1 Radio and Player
R 2 Radio and Player

R 3 Rear A/C SW (Front)
R 4 Rear Diff. Lock SW
R 5 Rear Fog Light SW
R 6 Rear Heater SW (Front)
R 7 Rear Window Defogger SW
R 8 Remote Control Mirror SW
R 9 Rheostat
R 10 Rear A/C Control SW
R 11 Rear Heater Blower SW
R 12 Rear Heater SW (Rear)

S 5 Seat Heater SW LH
S 6 Seat Heater SW RH
S 7 Short Connector (SRS)
S 8 Short Connector (SRS)
S 9 Stop Light SW
S 23 Short Connector
S 24 Short Connector
S 25 Short Connector
S 26 Short Connector
S 27 Short Connector
S 28 Short Connector
S 29 Short Connector
S 30 Short Connector
S 31 Short Connector
S 32 Short Connector

T 4 Transponder Key Amplifier
T 5 Transponder Key Computer
T 9 Tweeter LH
T 10 Tweeter RH

U 1 Unlock Warning SW

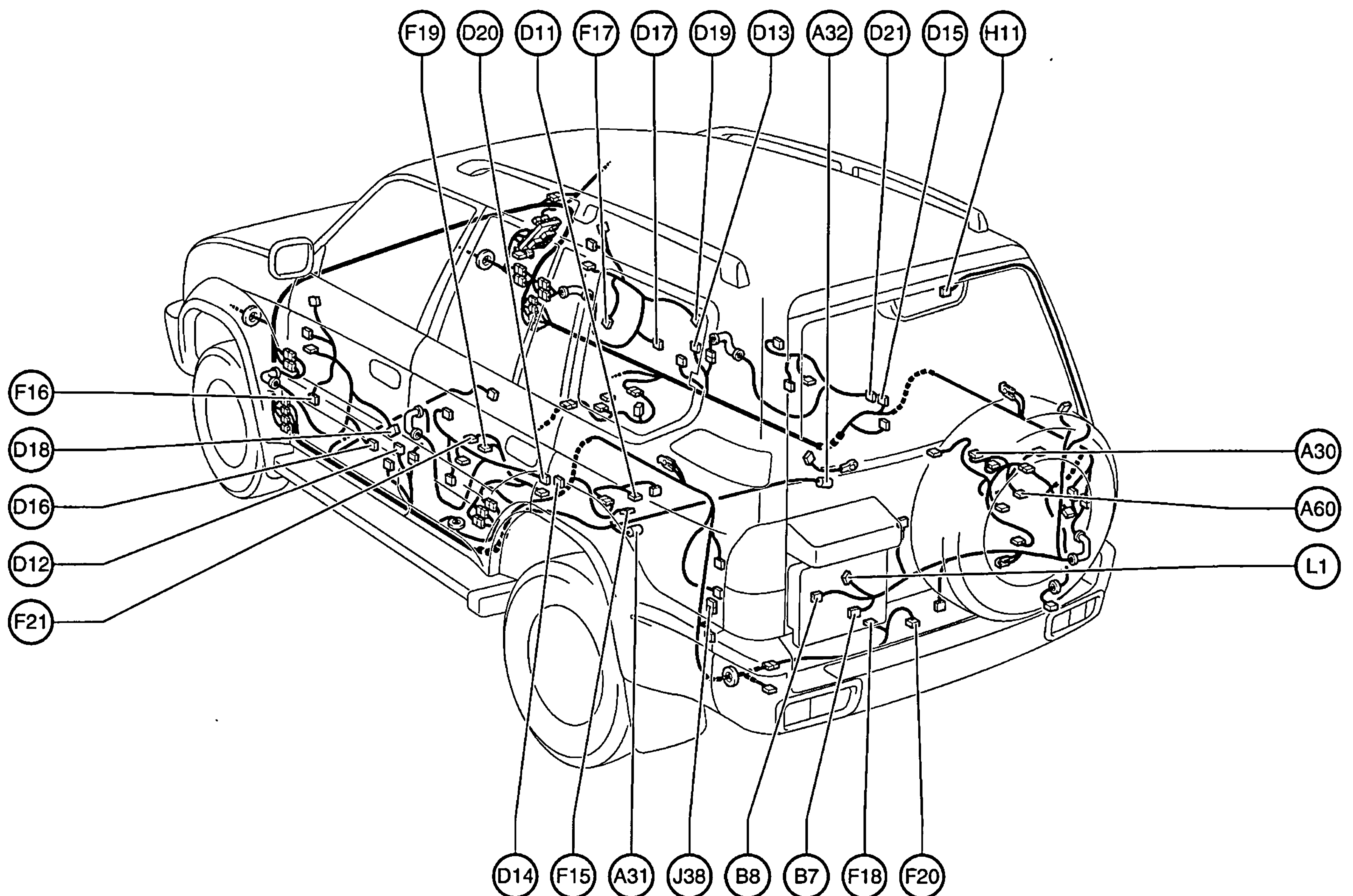
V 9 VSC Warning Buzzer

Y 1 Yaw Rate Sensor

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD : 5-Door]



A30 A/C Thermistor (Rear)

A31 ABS Speed Sensor Rear LH

A32 ABS Speed Sensor Rear RH

A60 A/C Power Transistor (Rear)

B 7 Back Door Courtesy SW

B 8 Back Door Lock Motor, Door Key Lock and
Unlock SW and Door Unlock Detection SW

D11 Detection SW (Rear Diff. Lock)

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 LH

D17 Door Key Lock and Unlock SW RH

D18 Door Lock Motor and Door Unlock Detection SW
Front LH

D19 Door Lock Motor and Door Unlock Detection SW
Front RH

D20 Door Lock Motor and Door Unlock Detection SW
Rear LH

D21 Door Lock Motor and Door Unlock Detection SW
Rear RH

F15 4WD Control ECU

F16 Front Speaker LH

F17 Front Speaker RH

F18 Fuel Pump

F19 Fuel Return Solenoid Valve

F20 Fuel Sender

F21 Fuel Solenoid Valve

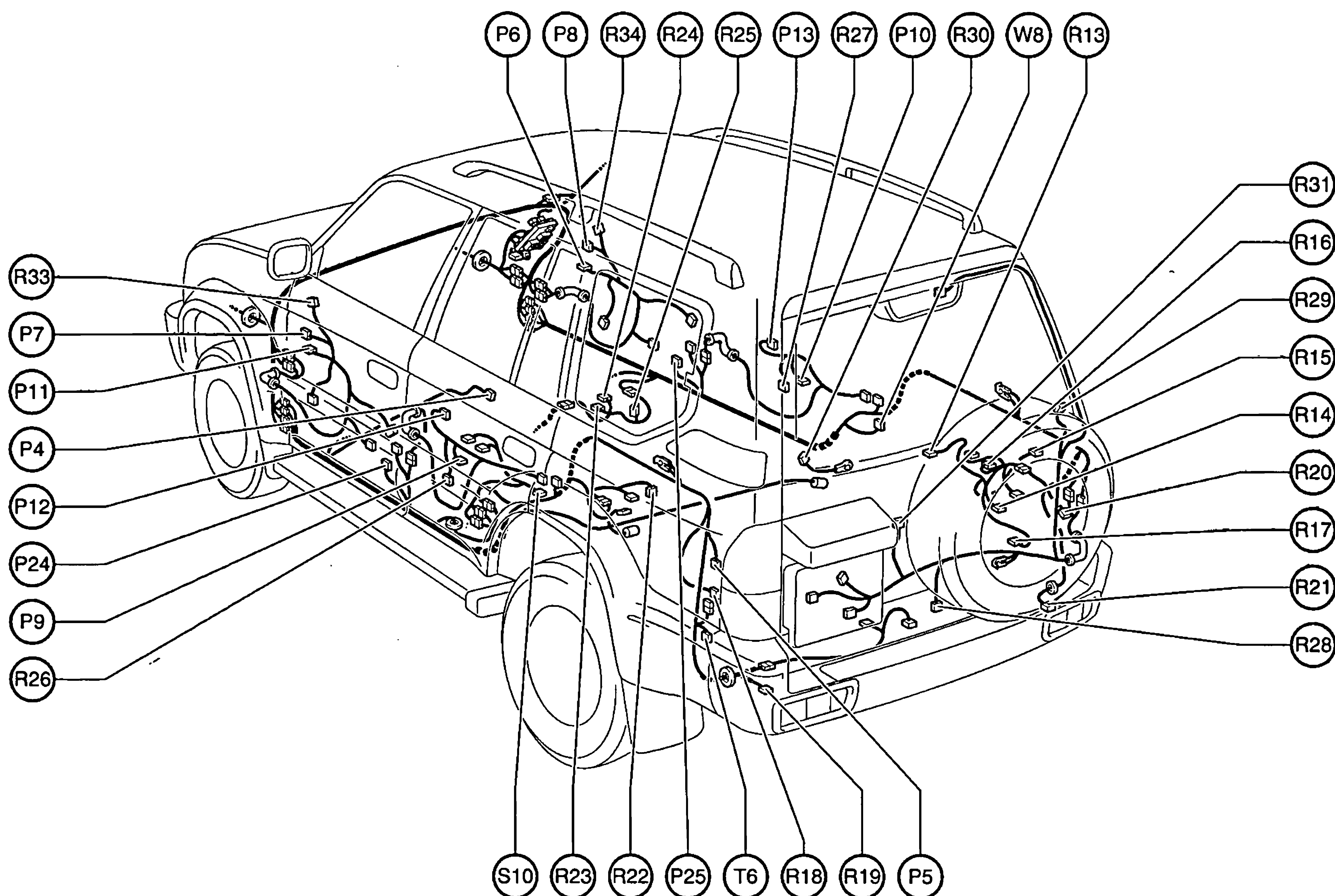
H11 High Mounted Stop Light

J38 Junction Connector

L 1 License Plate Light

Position of Parts in Body

[RHD : 5-Door]



- P 4 Parking Brake SW
- P 5 Power Outlet (Rear)
- P 6 Power Window Master SW and Door Lock Control SW
- P 7 Power Window Motor Front LH
- P 8 Power Window Motor Front RH
- P 9 Power Window Motor Rear LH
- P10 Power Window Motor Rear RH
- P11 Power Window SW (Front Passenger's Side)
- P12 Power Window SW Rear LH
- P13 Power Window SW Rear RH
- P24 Pretensioner LH
- P25 Pretensioner RH

- R13 Rear A/C Blower Motor
- R14 Rear A/C Blower Resistor No.1
- R15 Rear A/C Blower Resistor No.2
- R16 Rear A/C Magnetic Valve
- R17 Rear A/C Relay
- R18 Rear Combination Light LH
- R19 Rear Combination Light LH

- R20 Rear Combination Light RH
- R21 Rear Combination Light RH
- R22 Rear Diff. Lock Motor
- R23 Rear Heater Blower Motor
- R24 Rear Heater Blower Resistor
- R25 Rear Heater Relay
- R26 Rear Speaker LH
- R27 Rear Speaker RH
- R28 Rear Washer Motor
- R29 Rear Window Defogger
- R30 Rear Window Defogger
- R31 Rear Wiper Motor
- R33 Remote Control Mirror LH
- R34 Remote Control Mirror RH

S10 Sub Fuel Sender and Fuel Pump

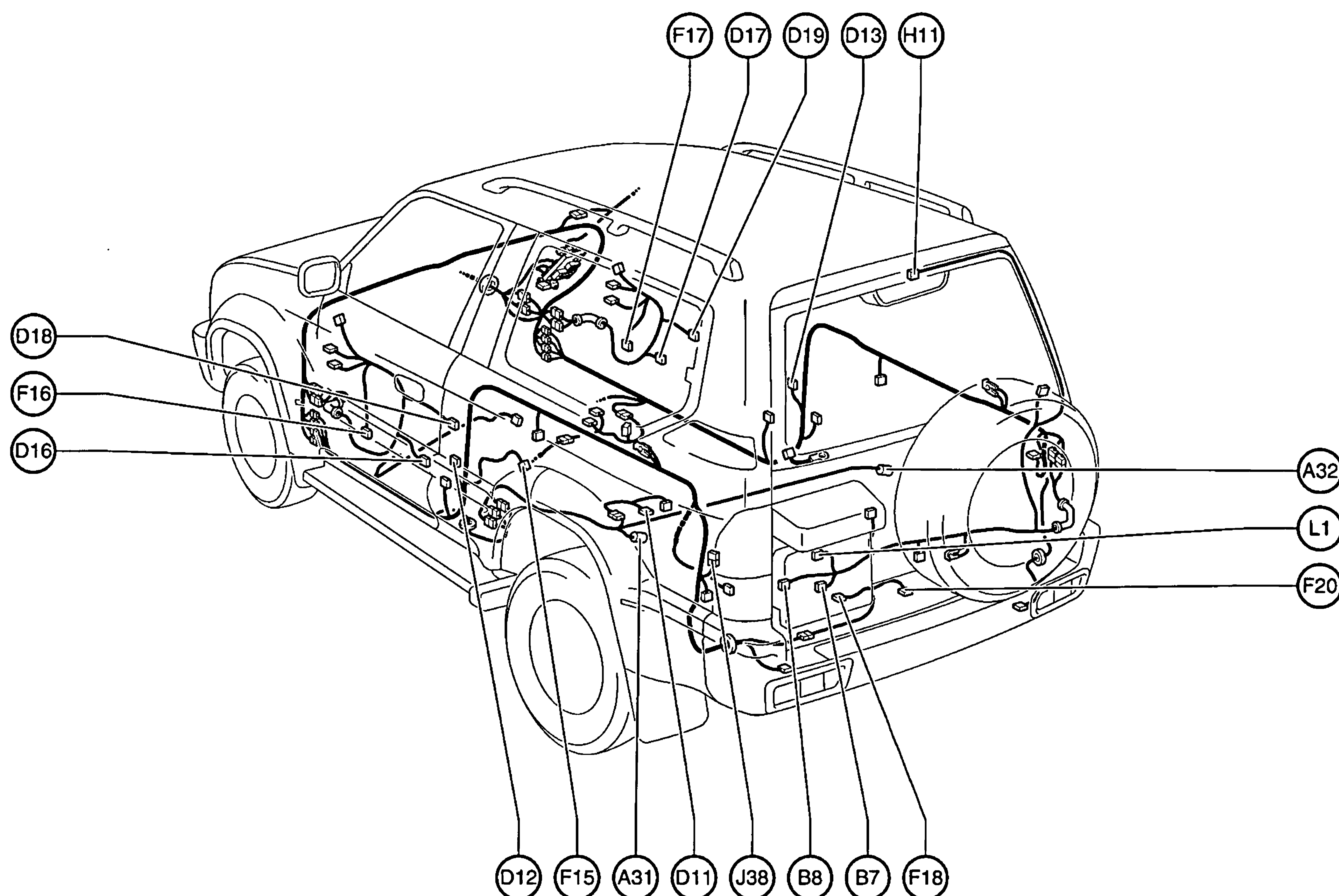
T 6 Trailer Socket

W 8 Wireless Door Lock ECU

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD : 3-Door]



A31 ABS Speed Sensor Rear LH
A32 ABS Speed Sensor Rear RH

B 7 Back Door Courtesy SW
B 8 Back Door Lock Motor, Door Key Lock and
Unlock SW and Door Unlock Detection SW

D11 Detection SW (Rear Diff. Lock)
D12 Door Courtesy SW Front LH
D13 Door Courtesy SW Front RH
D16 Door Key Lock and Unlock SW LH
D17 Door Key Lock and Unlock SW RH
D18 Door Lock Motor and Door Unlock Detection SW
Front LH
D19 Door Lock Motor and Door Unlock Detection SW
Front RH

F15 4WD Control ECU
F16 Front Speaker LH
F17 Front Speaker RH
F18 Fuel Pump
F20 Fuel Sender

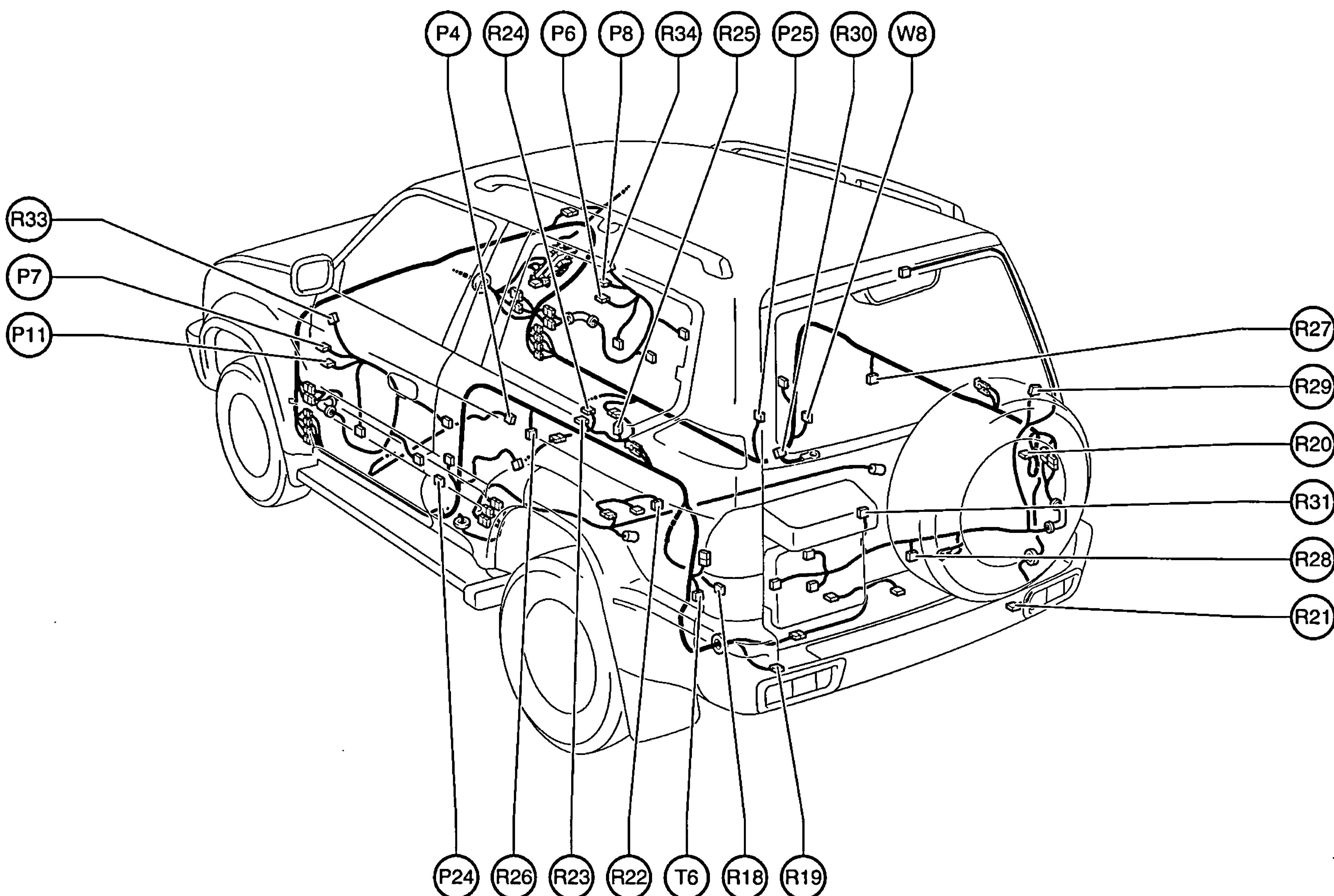
H11 High Mounted Stop Light

J38 Junction Connector

L 1 License Plate Light

Position of Parts in Body

[RHD : 3-Door]



P 4 Parking Brake SW
 P 6 Power Window Master SW and Door Lock Control SW
 P 7 Power Window Motor Front LH
 P 8 Power Window Motor Front RH
 P 11 Power Window SW (Front Passenger's Side)
 P 24 Pretensioner LH
 P 25 Pretensioner RH

R 18 Rear Combination Light LH
 R 19 Rear Combination Light LH
 R 20 Rear Combination Light RH
 R 21 Rear Combination Light RH
 R 22 Rear Diff. Lock Motor
 R 23 Rear Heater Blower Motor

R 24 Rear Heater Blower Resistor
 R 25 Rear Heater Relay
 R 26 Rear Speaker LH
 R 27 Rear Speaker RH
 R 28 Rear Washer Motor
 R 29 Rear Window Defogger
 R 30 Rear Window Defogger
 R 31 Rear Wiper Motor
 R 33 Remote Control Mirror LH
 R 34 Remote Control Mirror RH

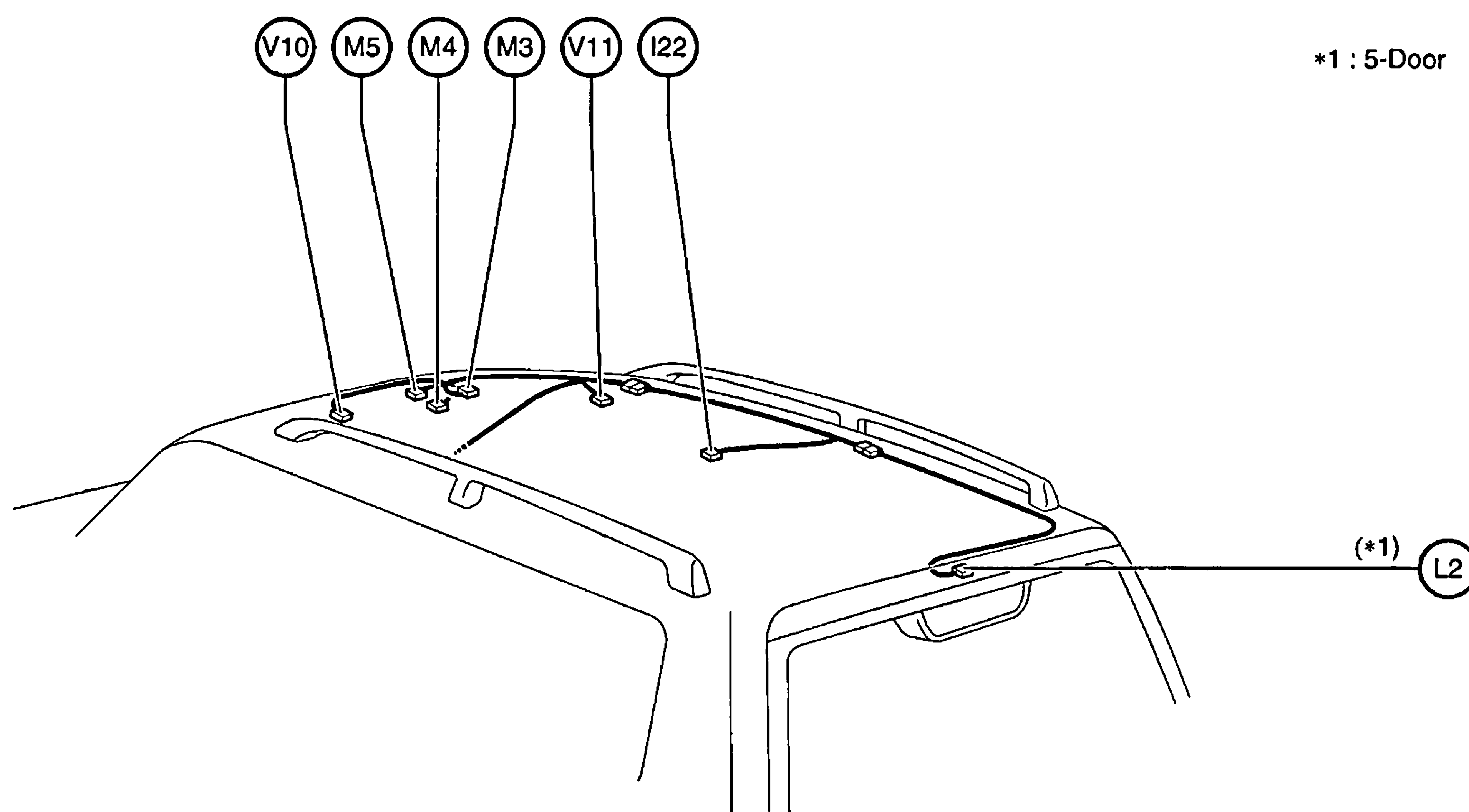
T 6 Trailer Socket

W 8 Wireless Door Lock ECU

E ELECTRICAL WIRING ROUTING

Position of Parts in Body

[RHD : w/ Moon Roof]



I 22 Interior Light

L 2 Luggage Compartment Light

M 3 Moon Roof Control Relay

M 4 Moon Roof Control SW and Personal Light

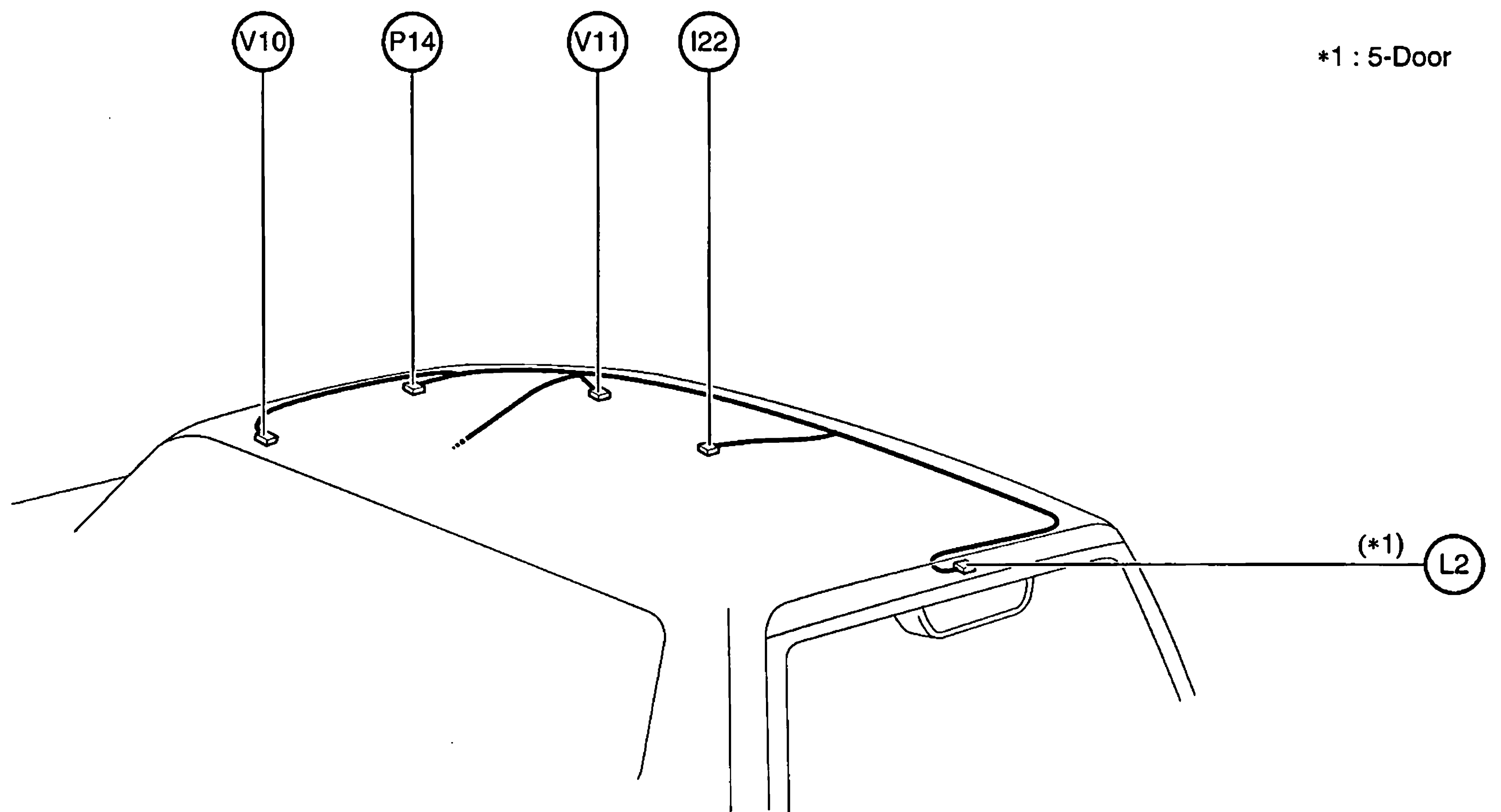
M 5 Moon Roof Motor and Limit SW

V10 Vanity Light LH

V11 Vanity Light RH

Position of Parts in Body

[RHD : w/o Moon Roof]



I 22 Interior Light

L 2 Luggage Compartment Light

P14 Personal Light

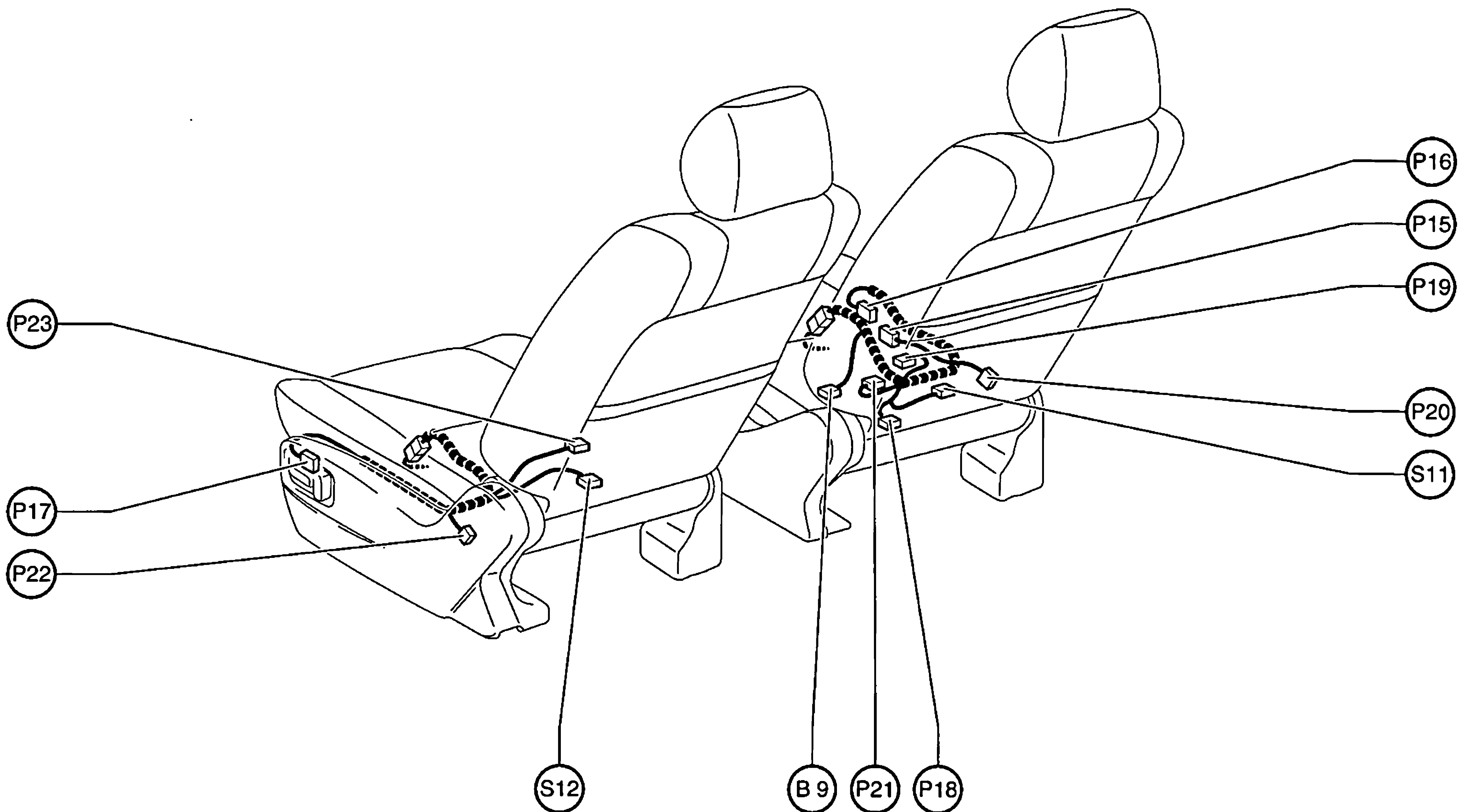
V10 Vanity Light LH

V11 Vanity Light RH

E ELECTRICAL WIRING ROUTING

Position of Parts in Seat

[RHD]



B 9 Buckle SW (Driver's Side)

S 11 Seat Heater (Driver's Side)

S 12 Seat Heater (Front Passenger's Side)

P 15 Power Seat Control SW (Driver's Seat Lumbar Support)

P 16 Power Seat Control SW (Driver's Seat)

P 17 Power Seat Control SW (Front Passenger's Seat)

P 18 Power Seat Motor (Driver's Seat Lumbar Support)

P 19 Power Seat Motor (Driver's Seat Rear Vertical Control)

P 20 Power Seat Motor (Driver's Seat Reclining Control)

P 21 Power Seat Motor (Driver's Seat Slide Control)

P 22 Power Seat Motor
(Front Passenger's Seat Reclining Control)

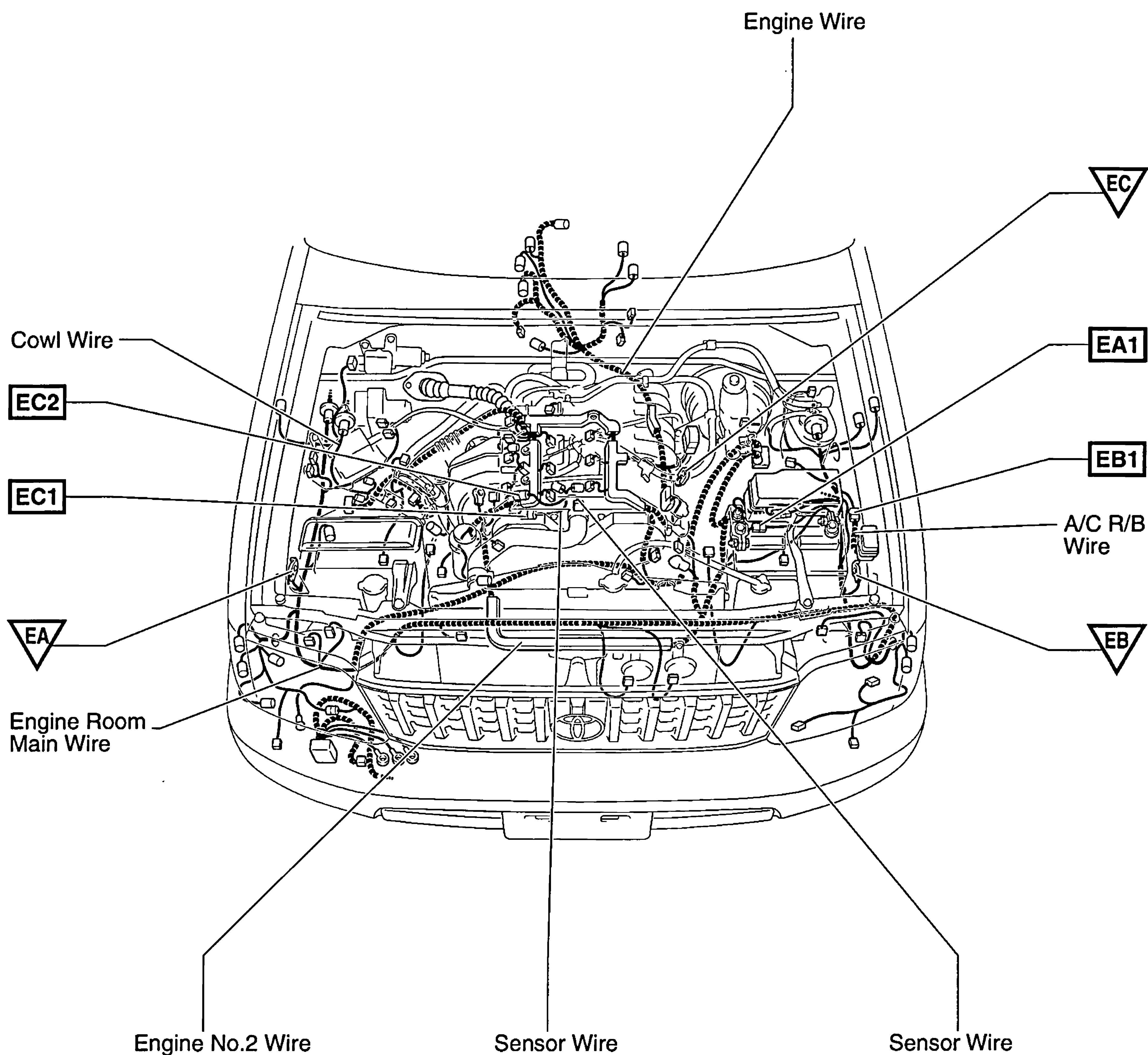
P 23 Power Seat Motor
(Front Passenger's Seat Slide Control)

E ELECTRICAL WIRING ROUTING

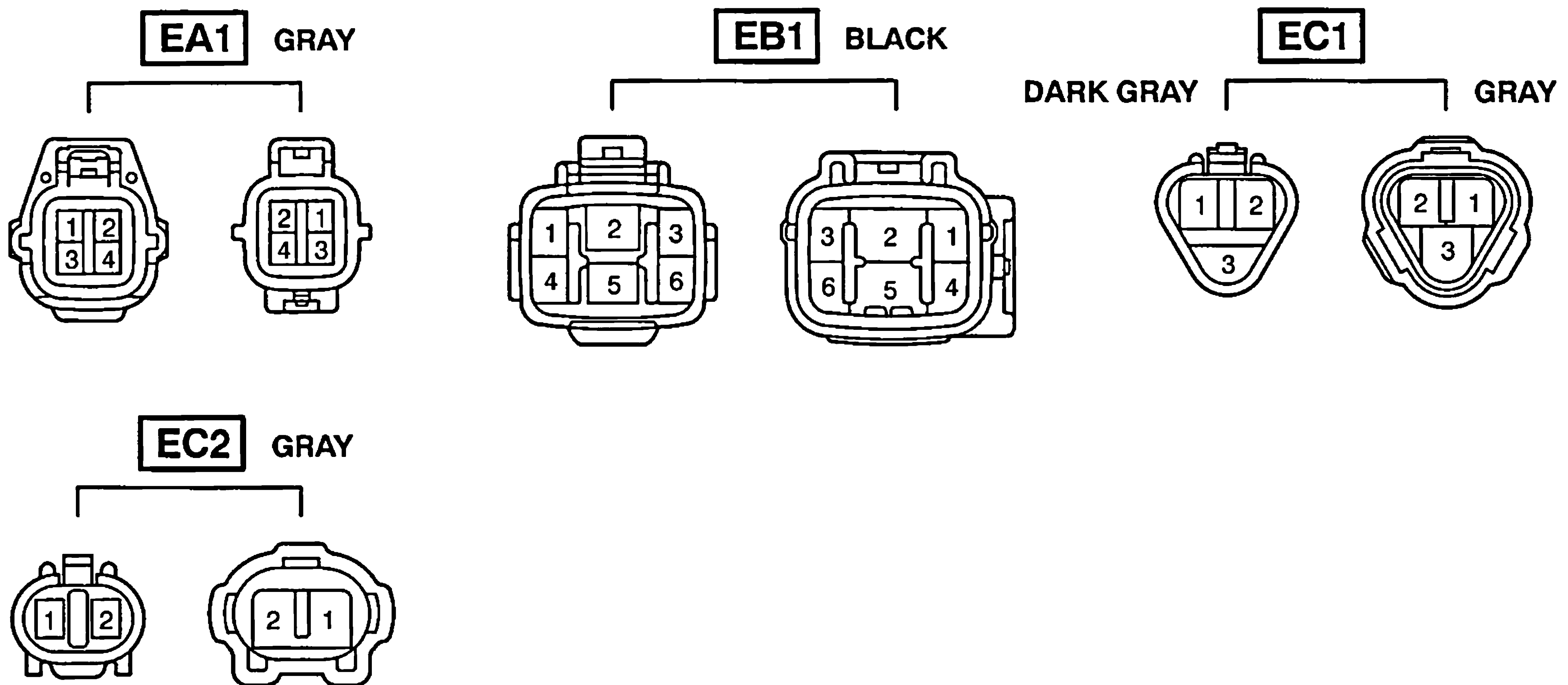
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[LHD : 5VZ-FE]



Connector Joining Wire Harness and Wire Harness



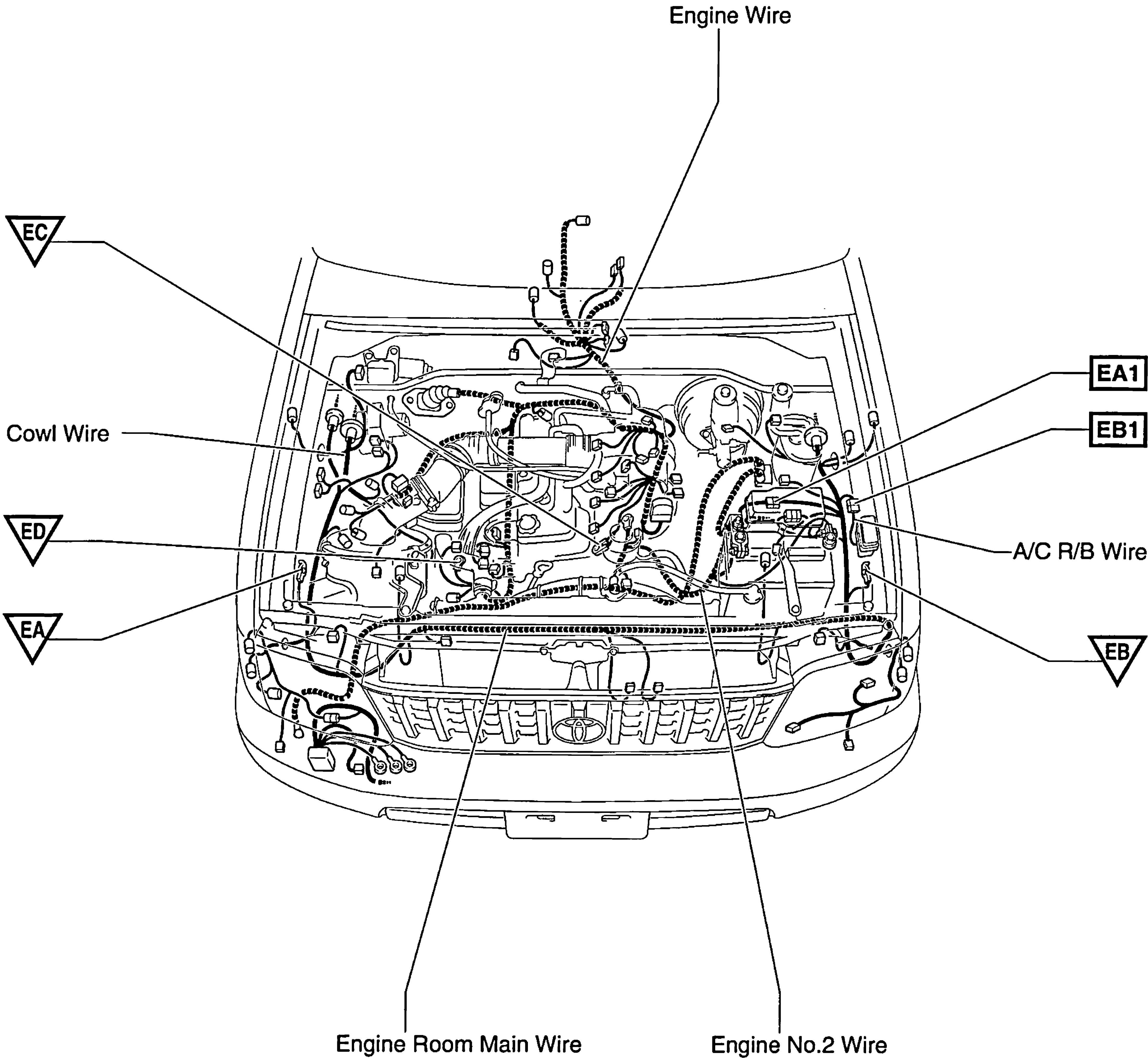
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine No.2 Wire and Engine Room Main Wire (Near the Engine Room R/B)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine Room R/B)
EC1	Sensor Wire and Engine Wire (Front Side of Cylinder Head Cover Right)
EC2	Engine Wire and Sensor Wire (Front Side of Cylinder Head Cover Right)

E ELECTRICAL WIRING ROUTING

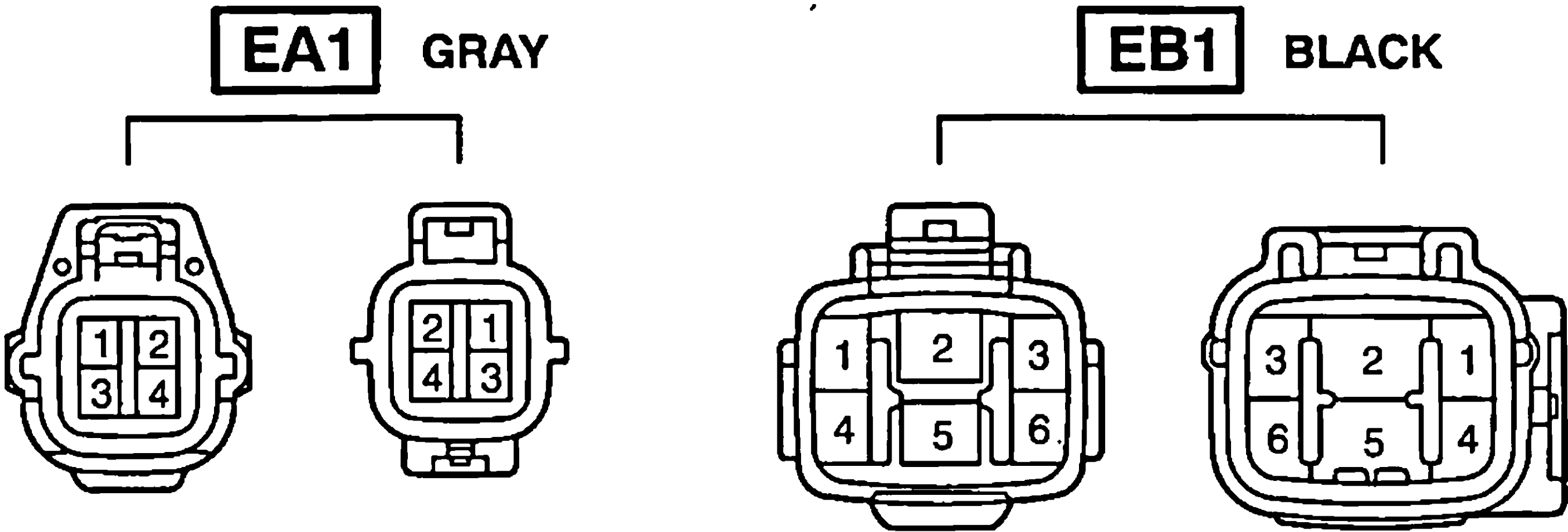
- : Location of Connector Joining Wire Harness and Wire Harness
- ▽

 : Location of Ground Points

[LHD : 3RZ-FE]



Connector Joining Wire Harness and Wire Harness



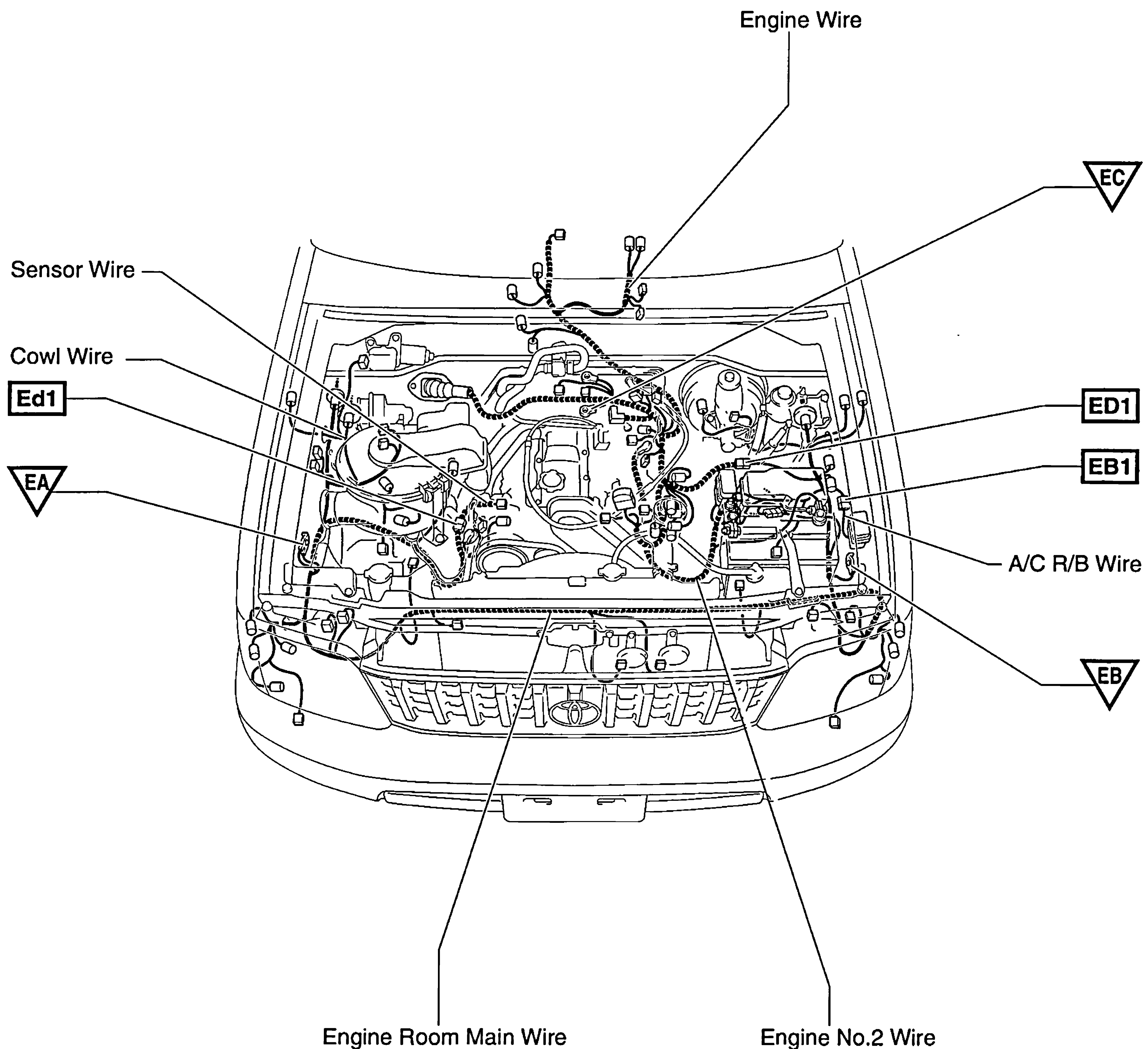
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine No.2 Wire and Engine Room Main Wire (Near the Engine Room R/B)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine Room R/B)

E ELECTRICAL WIRING ROUTING

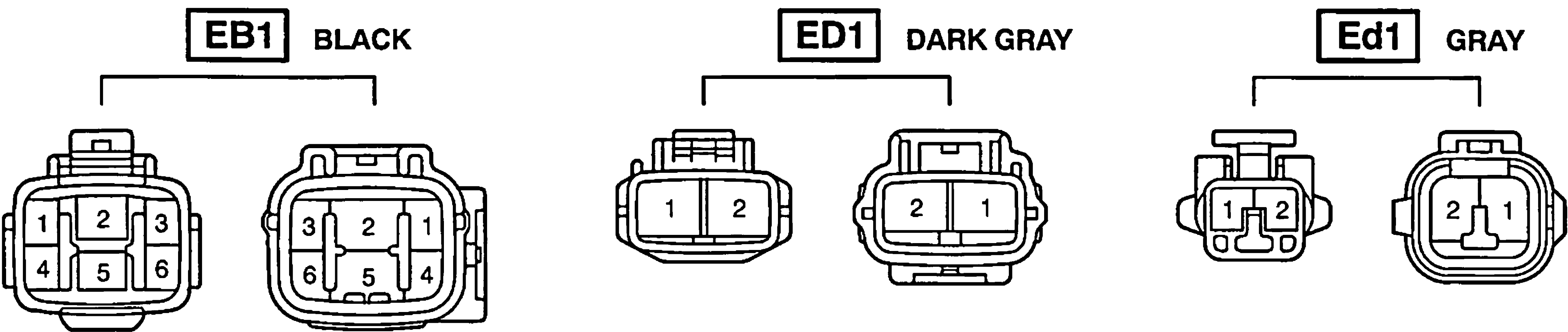
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[LHD : 1KZ-TE]



Connector Joining Wire Harness and Wire Harness



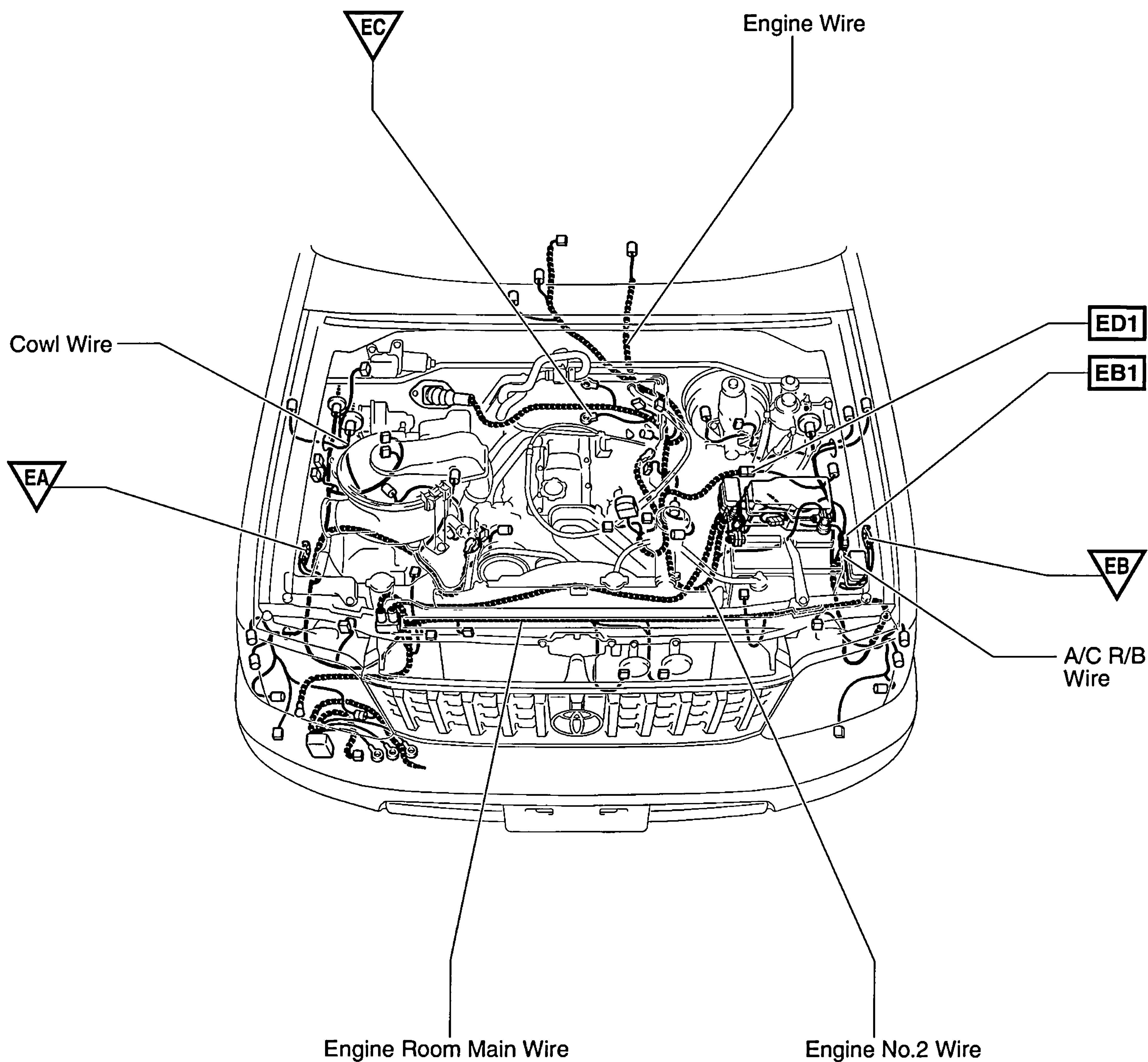
Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine Room R/B)
ED1	Engine Room Main Wire and Engine Wire (Near the Engine Room R/B)
Ed1	Engine Room Main Wire and Sensor Wire (Near the Alternator)

E ELECTRICAL WIRING ROUTING

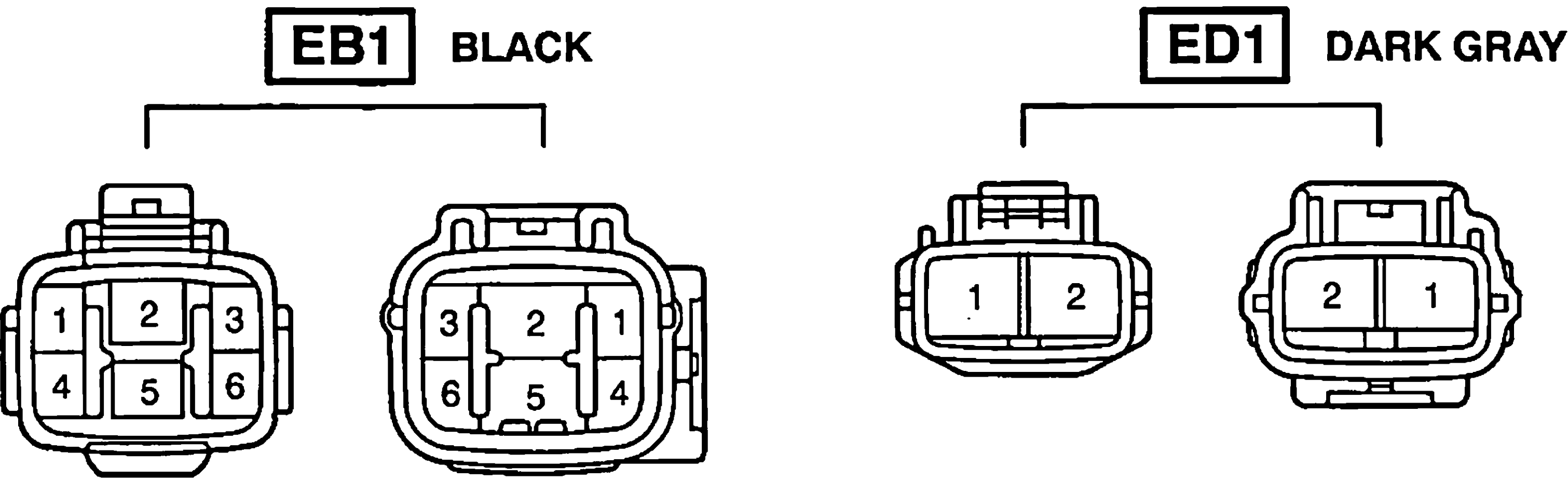
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[LHD : 1KZ-T]



Connector Joining Wire Harness and Wire Harness



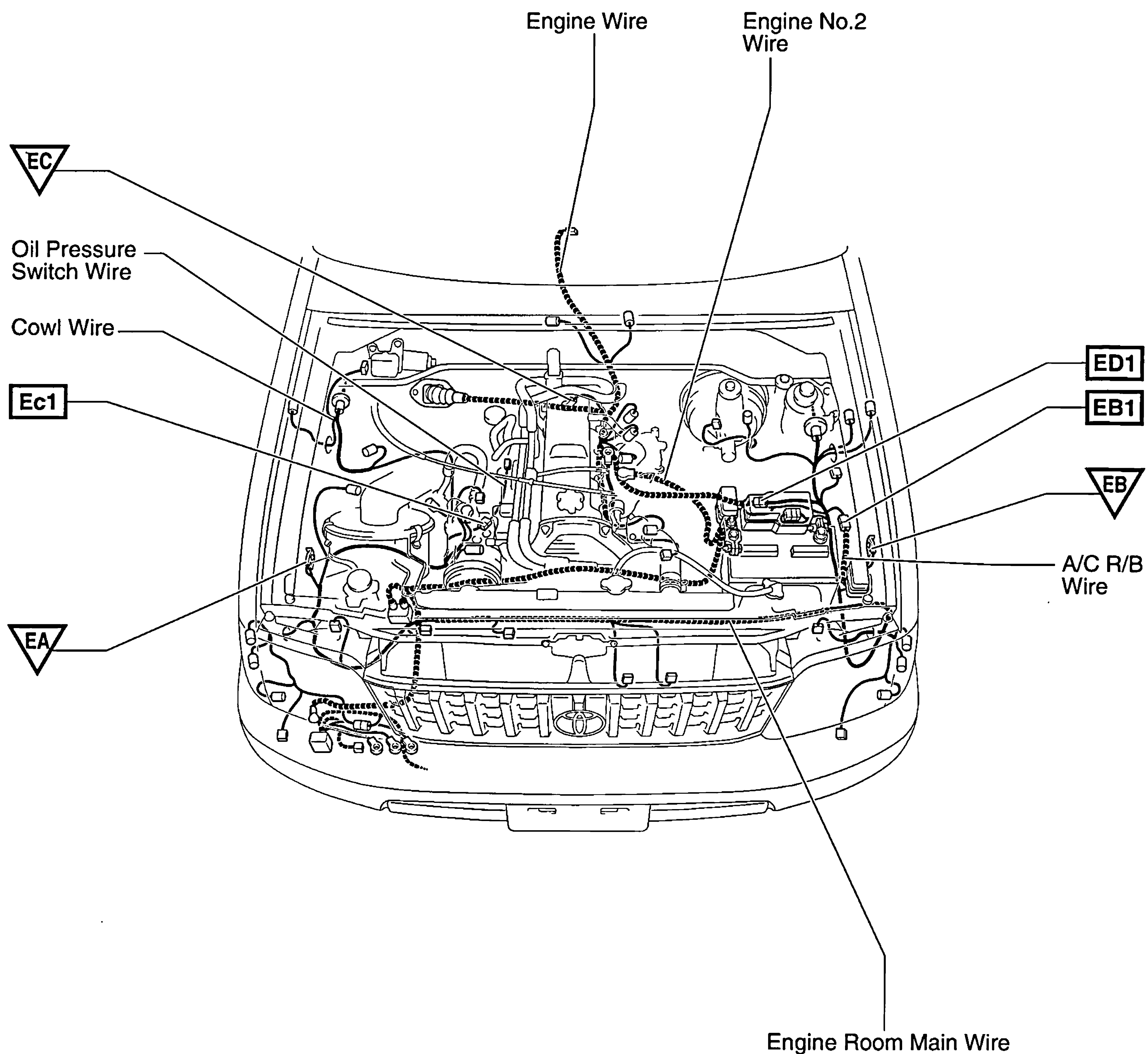
Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine Room R/B)
ED1	Engine Room Main Wire and Engine Wire (Near the Engine Room R/B)

E ELECTRICAL WIRING ROUTING

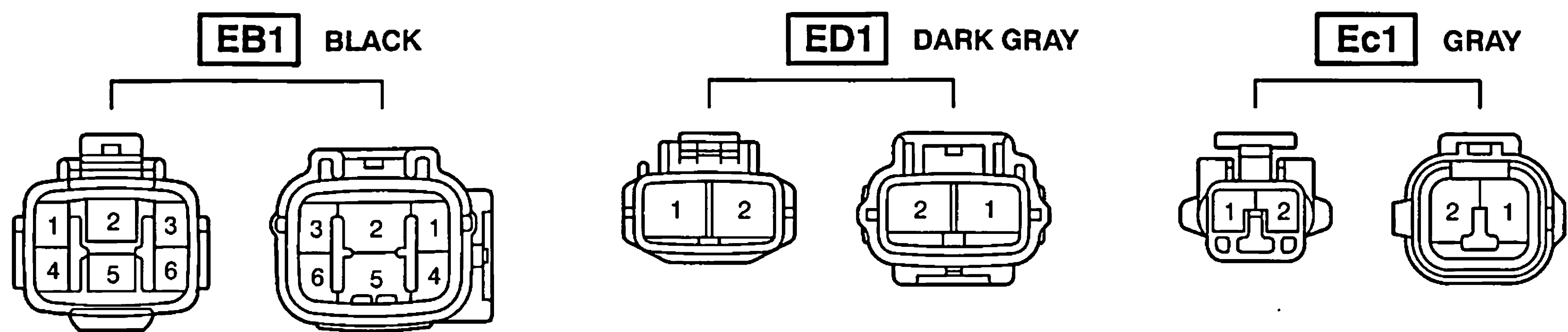
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[LHD : 3L]



Connector Joining Wire Harness and Wire Harness



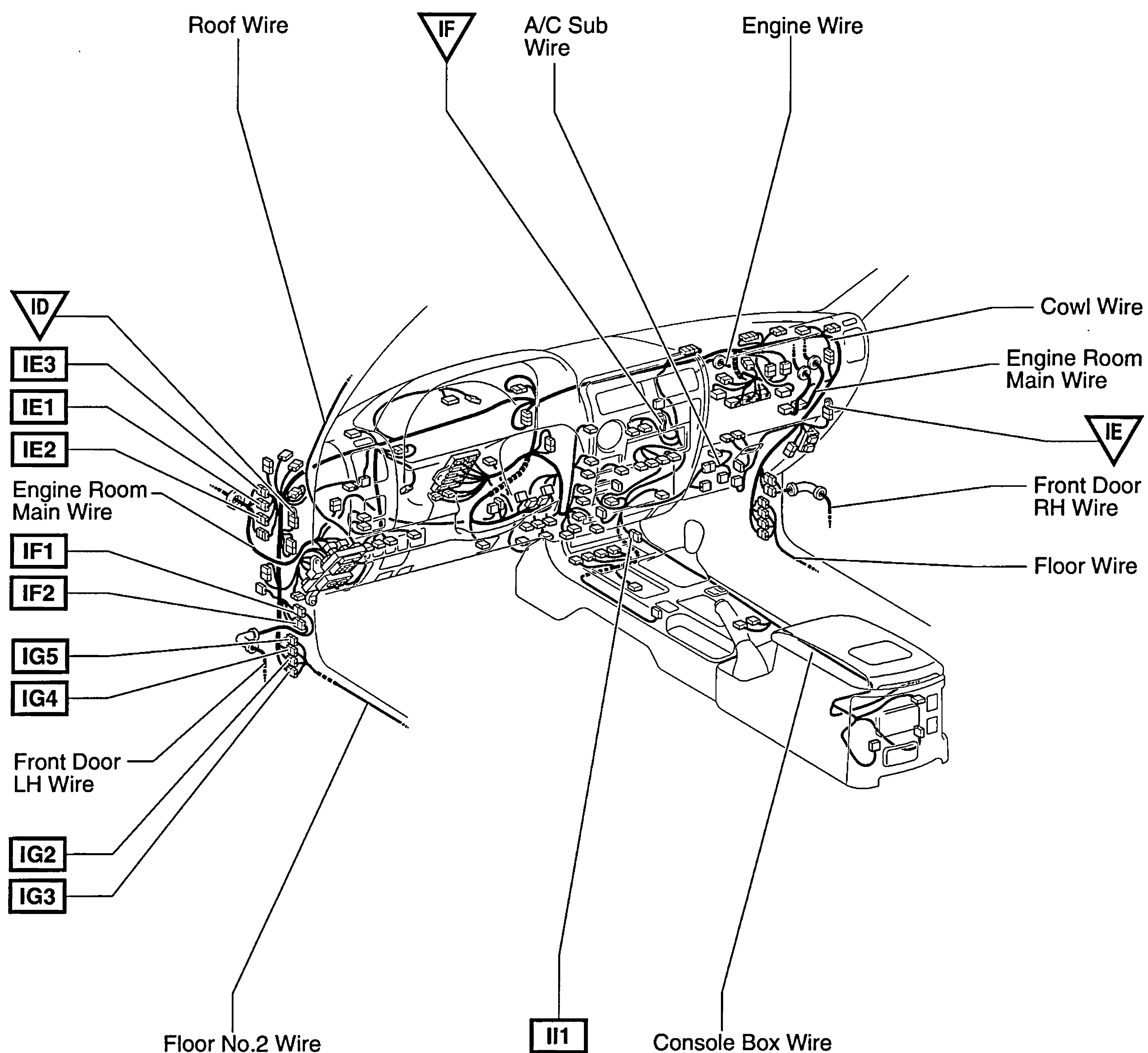
Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine Room R/B)
ED1	Engine Room Main Wire and Engine Wire (Near the Engine Room R/B)
Ec1	Engine Room Main Wire and Oil Pressure Switch Wire (Near the Alternator)

E ELECTRICAL WIRING ROUTING

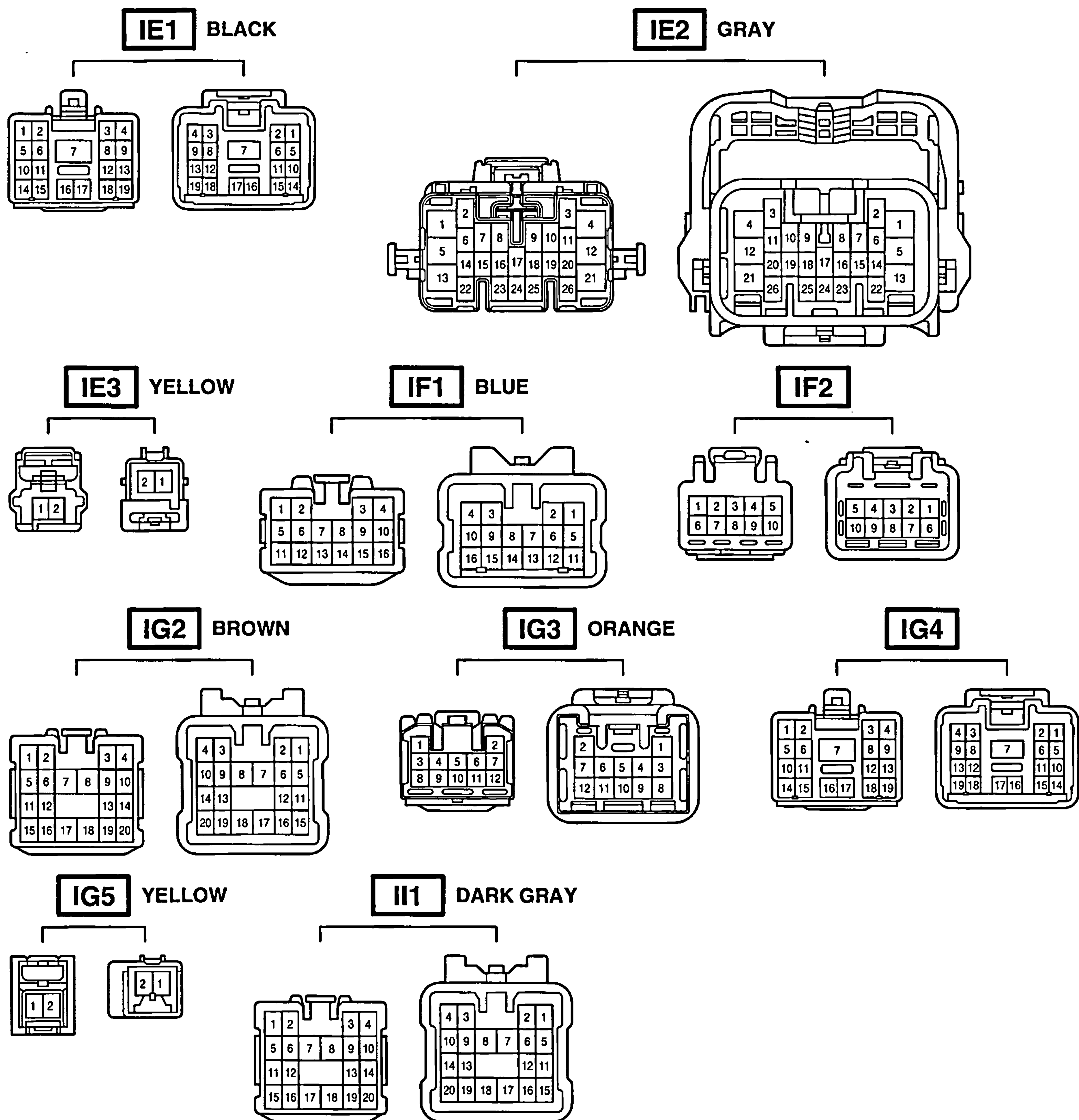
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[LHD]



Connector Joining Wire Harness and Wire Harness

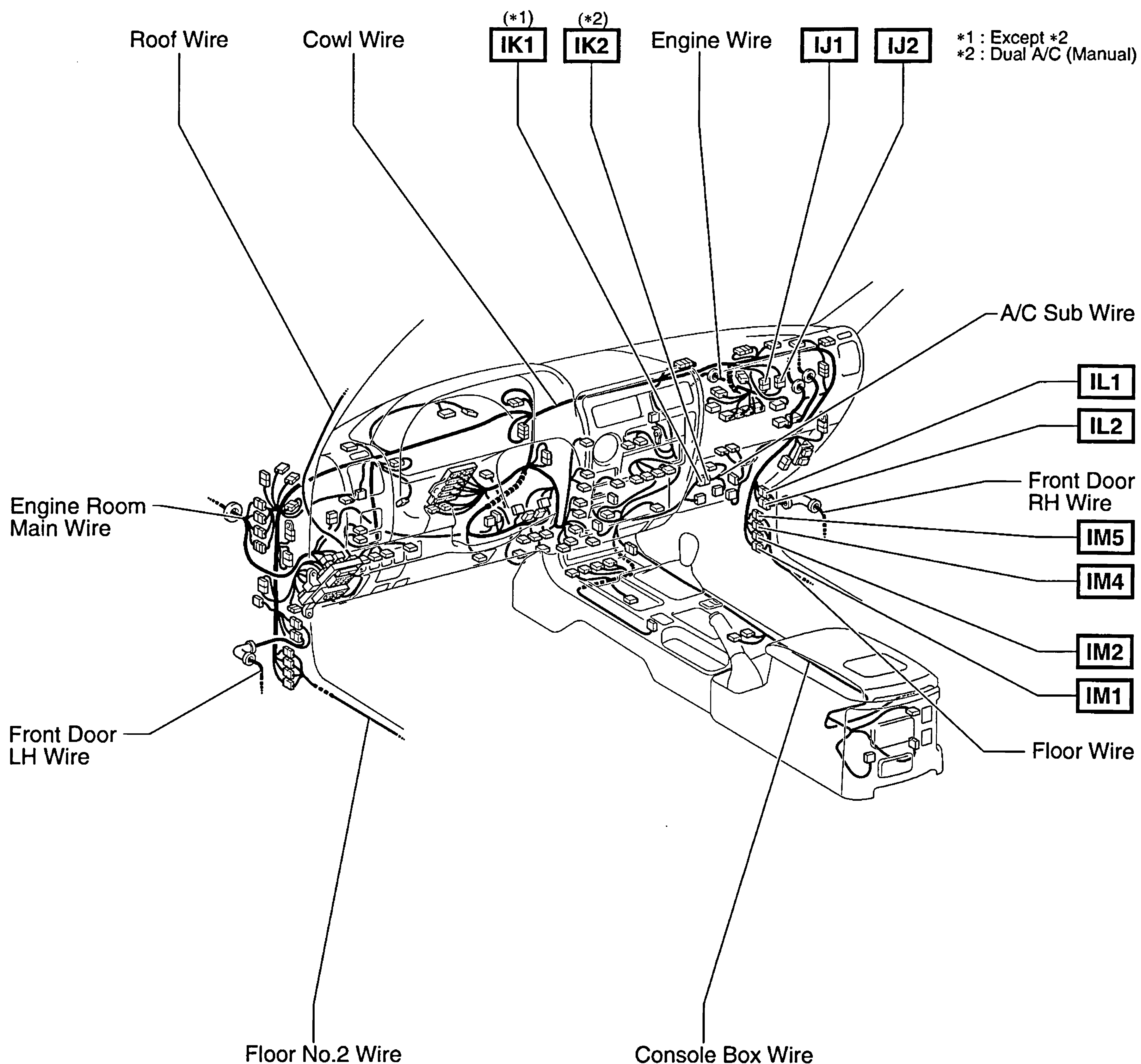


Code	Joining Wire Harness and Wire Harness (Connector Location)
IE1	Engine Room Main Wire and Cowl Wire (Cowl Side Panel LH)
IE2	
IE3	
IF1	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IF2	
IG2	Floor No.2 Wire and Cowl Wire (Left Kick Panel)
IG3	
IG4	
IG5	
II1	Console Box Wire and Cowl Wire (Under the Instrument Panel Brace RH)

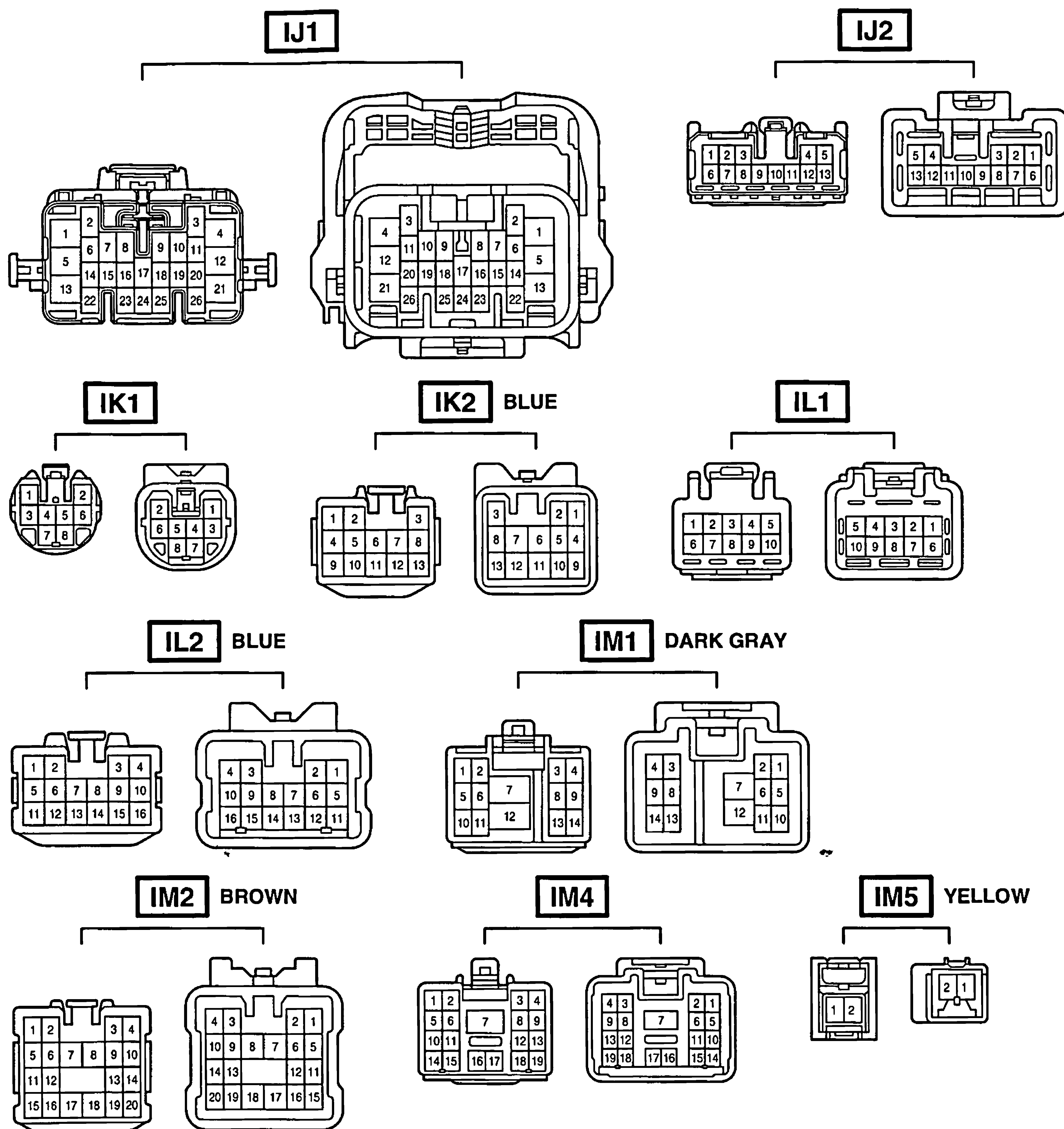
E ELECTRICAL WIRING ROUTING

 : Location of Connector Joining Wire Harness and Wire Harness

[LHD]



Connector Joining Wire Harness and Wire Harness



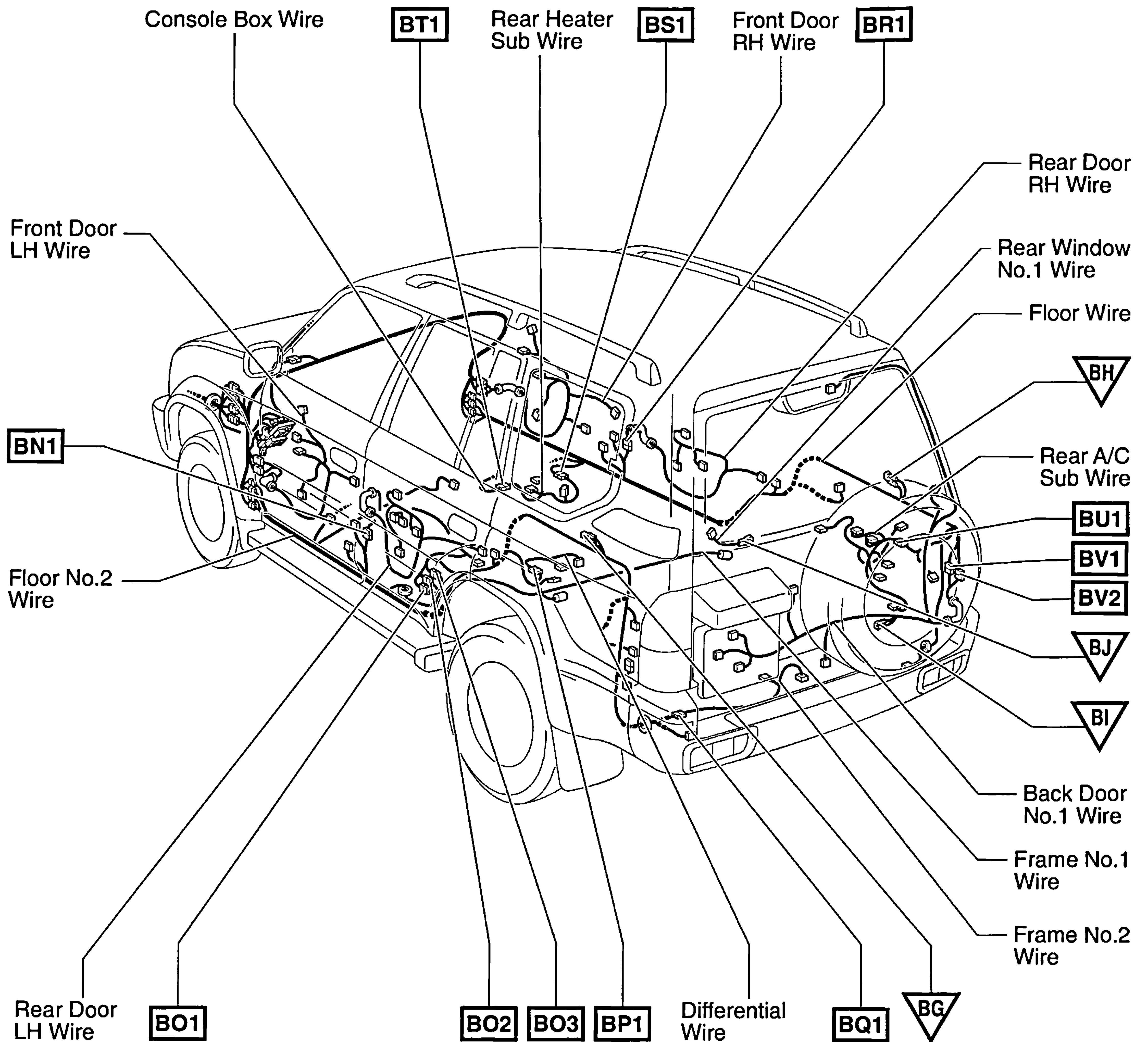
Code	Joining Wire Harness and Wire Harness (Connector Location)
IJ1	Engine Wire and Cowl Wire (Behind the Glove Box)
IJ2	
IK1	Cowl Wire and A/C Sub Wire (Near the A/C Unit)
IK2	
IL1	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IL2	
IM1	Floor Wire and Cowl Wire (Right Kick Panel)
IM2	
IM4	
IM5	

E ELECTRICAL WIRING ROUTING

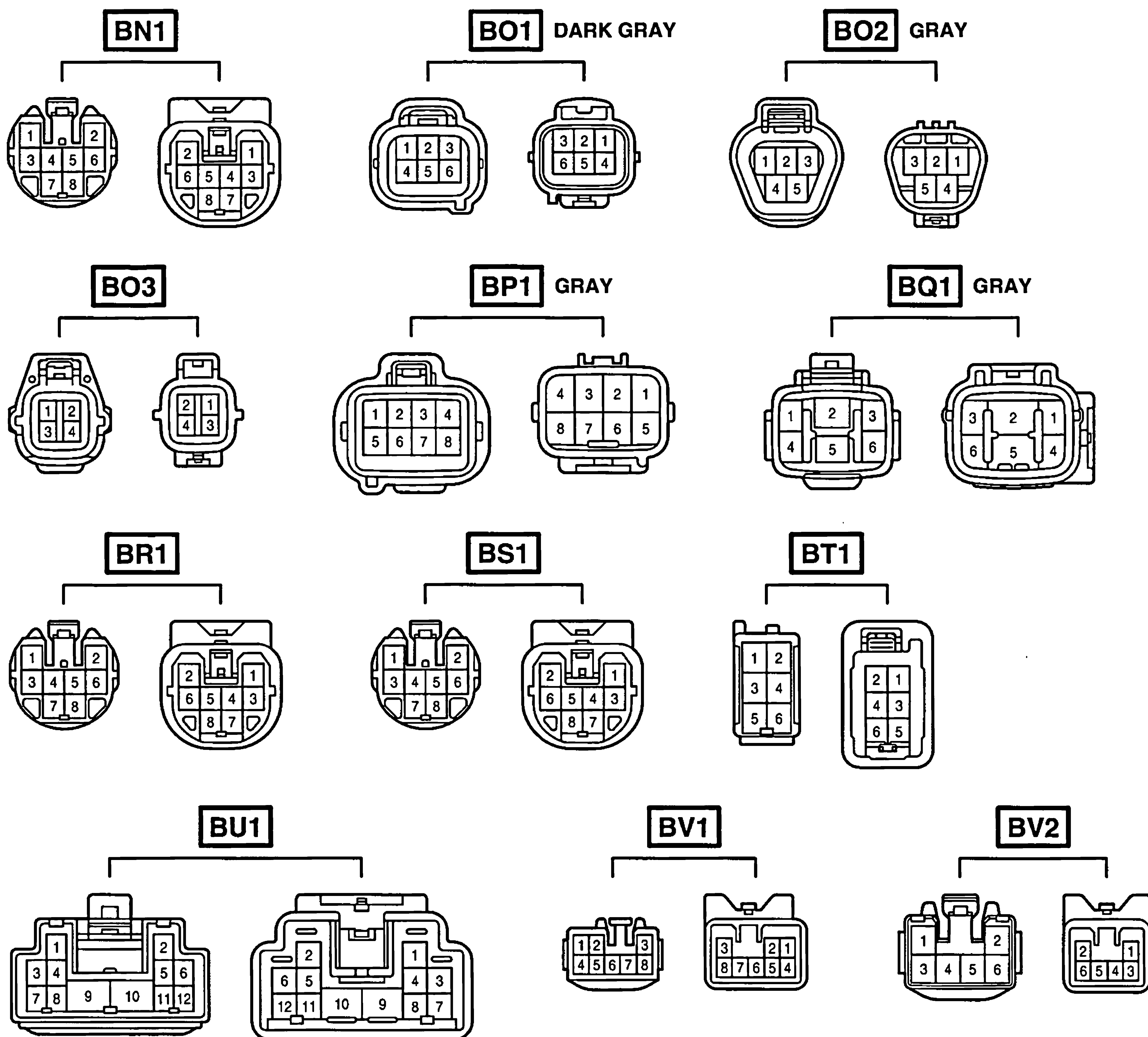
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[LHD : 5-Door]



Connector Joining Wire Harness and Wire Harness



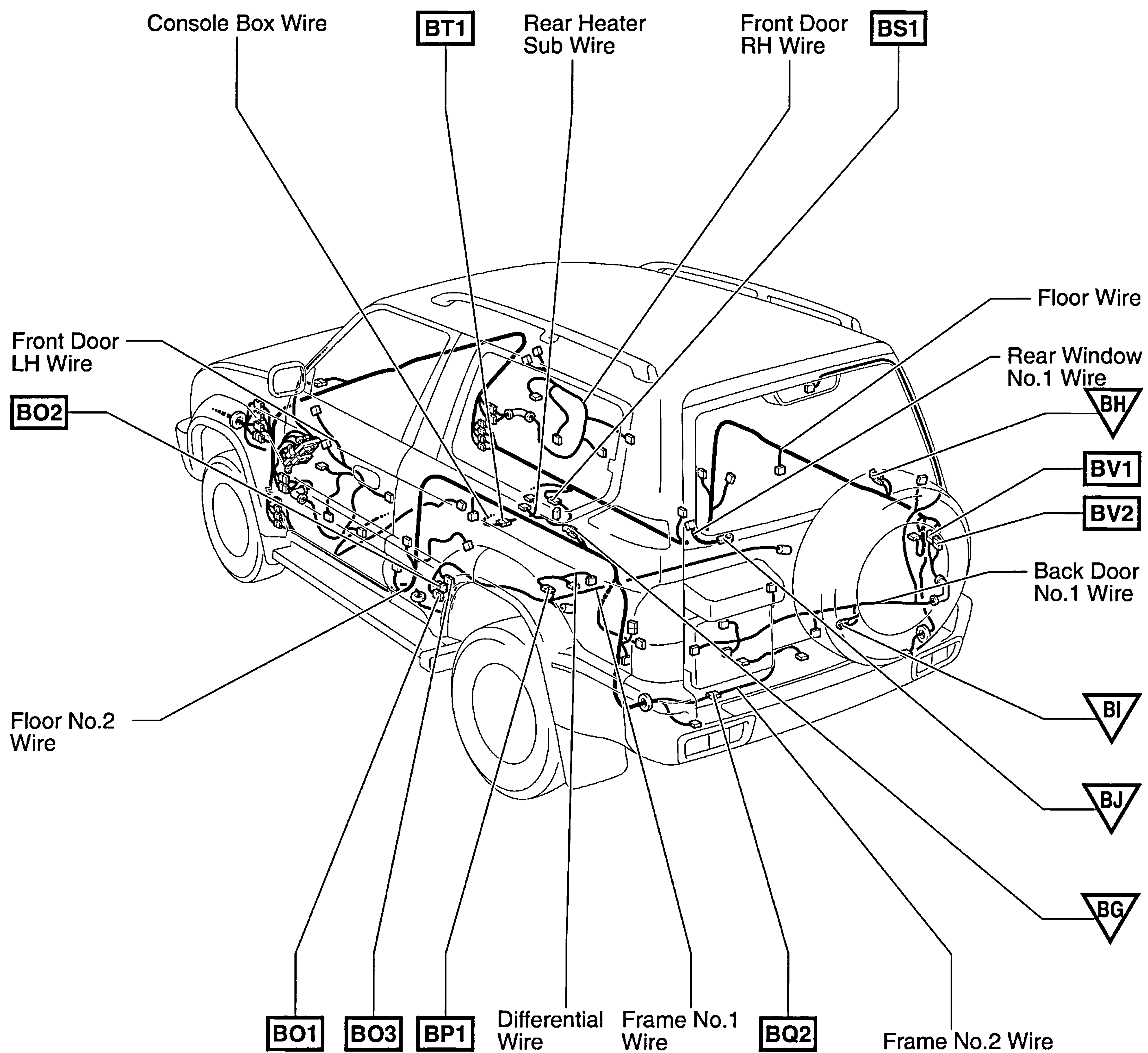
Code	Joining Wire Harness and Wire Harness (Connector Location)
BN1	Rear Door LH Wire and Floor No.2 Wire (Center Pillar LH)
BO1	Floor No.2 Wire and Frame No.1 Wire (Under the Left Side of Rear Seat Cushion)
BO2	
BO3	Frame No.1 Wire and Differential Wire (Upper the Rear Axle Housing Left)
BP1	
BQ1	Floor No.2 Wire and Frame No.2 Wire (Left Quarter Panel Inner)
BR1	Rear Door RH Wire and Floor Wire (Center Pillar RH)
BS1	Floor Wire and Rear Heater Sub Wire (Under the Front Passenger's Seat)
BT1	Rear Heater Sub Wire and Console Box Wire (Under the Front Passenger's Seat)
BU1	Floor Wire and Rear A/C Sub Wire (Right Quarter Panel Inner)
BV1	Back Door No.1 Wire and Floor Wire (Right Quarter Panel Inner)
BV2	

E ELECTRICAL WIRING ROUTING

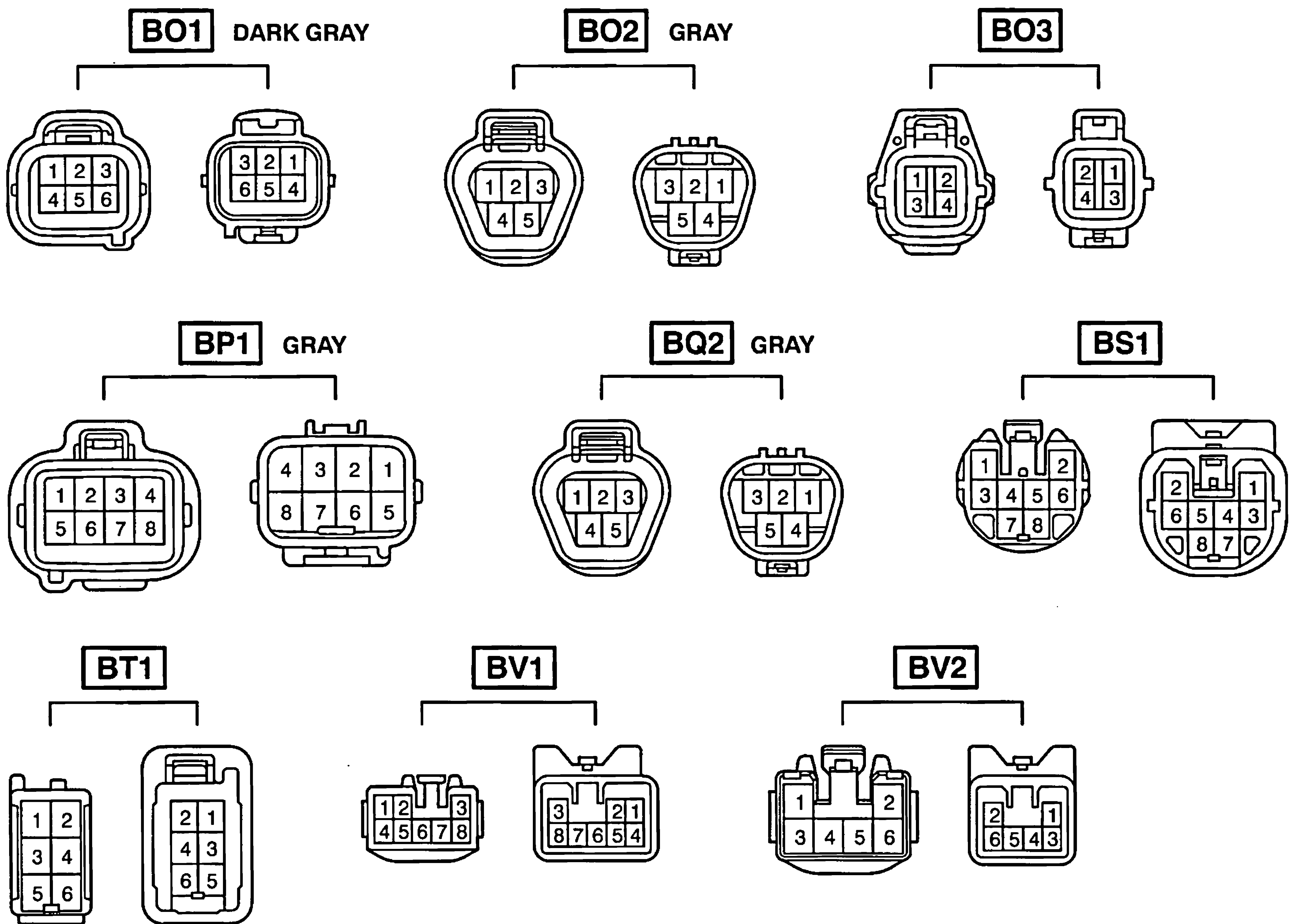
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[LHD : 3-Door]



Connector Joining Wire Harness and Wire Harness

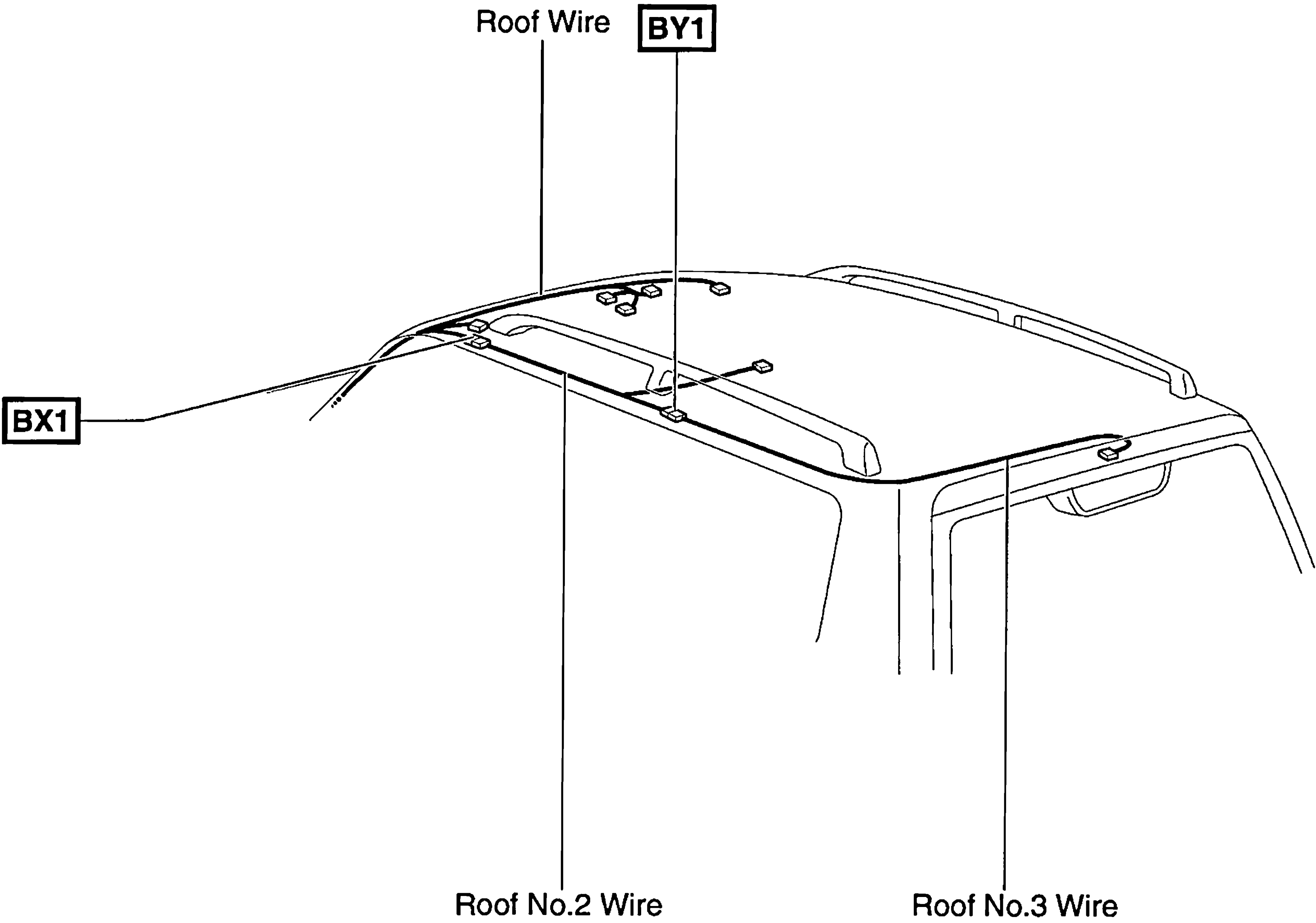


Code	Joining Wire Harness and Wire Harness (Connector Location)
BO1	Floor No.2 Wire and Frame No.1 Wire (Under the Left Side of Rear Seat Cushion)
BO2	
BO3	
BP1	Frame No.1 Wire and Differential Wire (Upper the Rear Axle Housing Left)
BQ2	Floor No.2 Wire and Frame No.2 Wire (Left Quarter Panel Inner)
BS1	Floor Wire and Rear Heater Sub Wire (Under the Front Passenger's Seat)
BT1	Rear Heater Sub Wire and Console Box Wire (Under the Front Passenger's Seat)
BV1	Back Door No.1 Wire and Floor Wire (Right Quarter Panel Inner)
BV2	

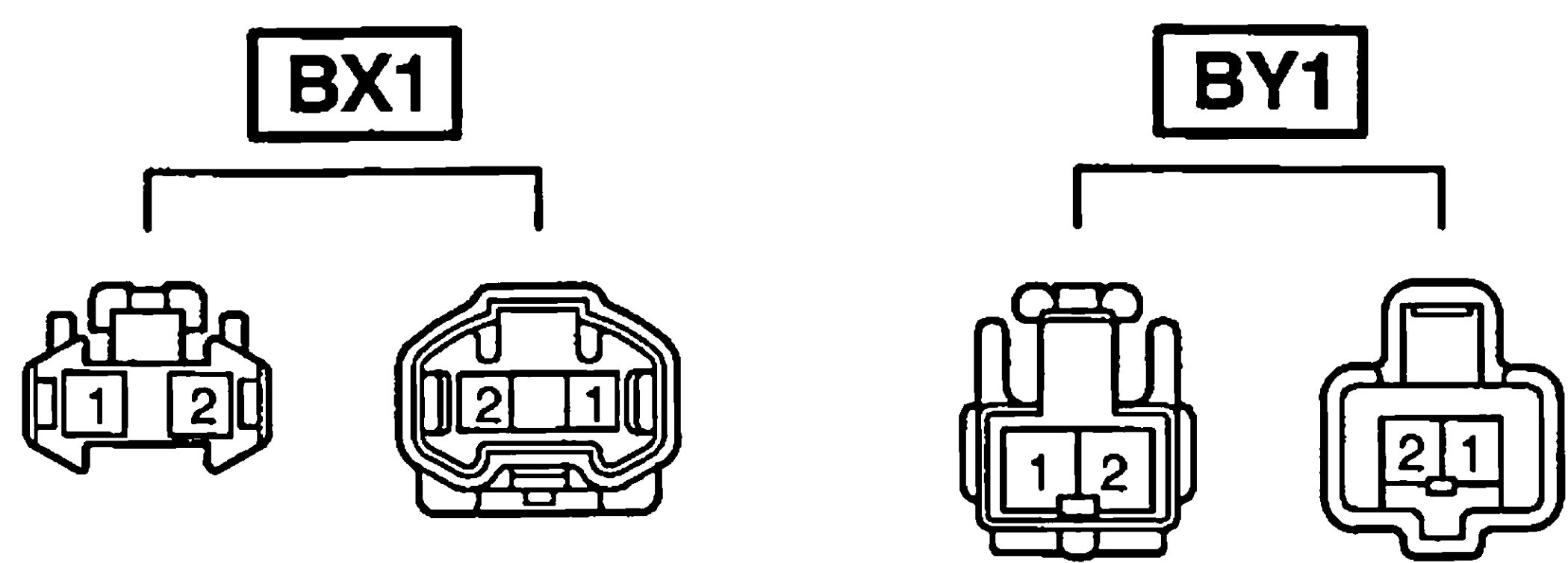
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[LHD : w/ Moon Roof]



Connector Joining Wire Harness and Wire Harness

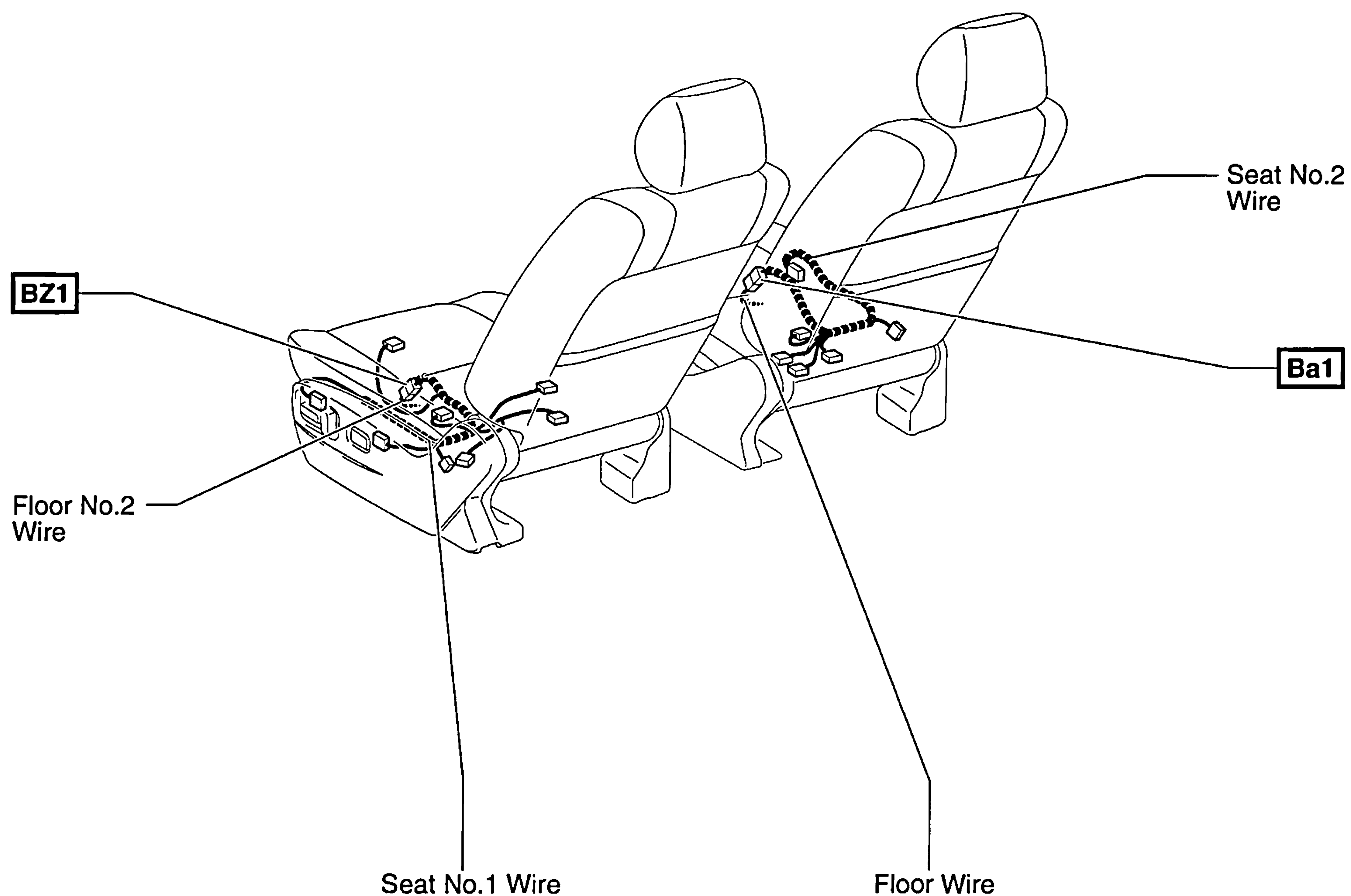


Code	Joining Wire Harness and Wire Harness (Connector Location)
BX1	Roof Wire and Roof No.2 Wire (Roof Side Left)
BY1	Roof No.3 Wire and Roof No.2 Wire (Roof Side Left)

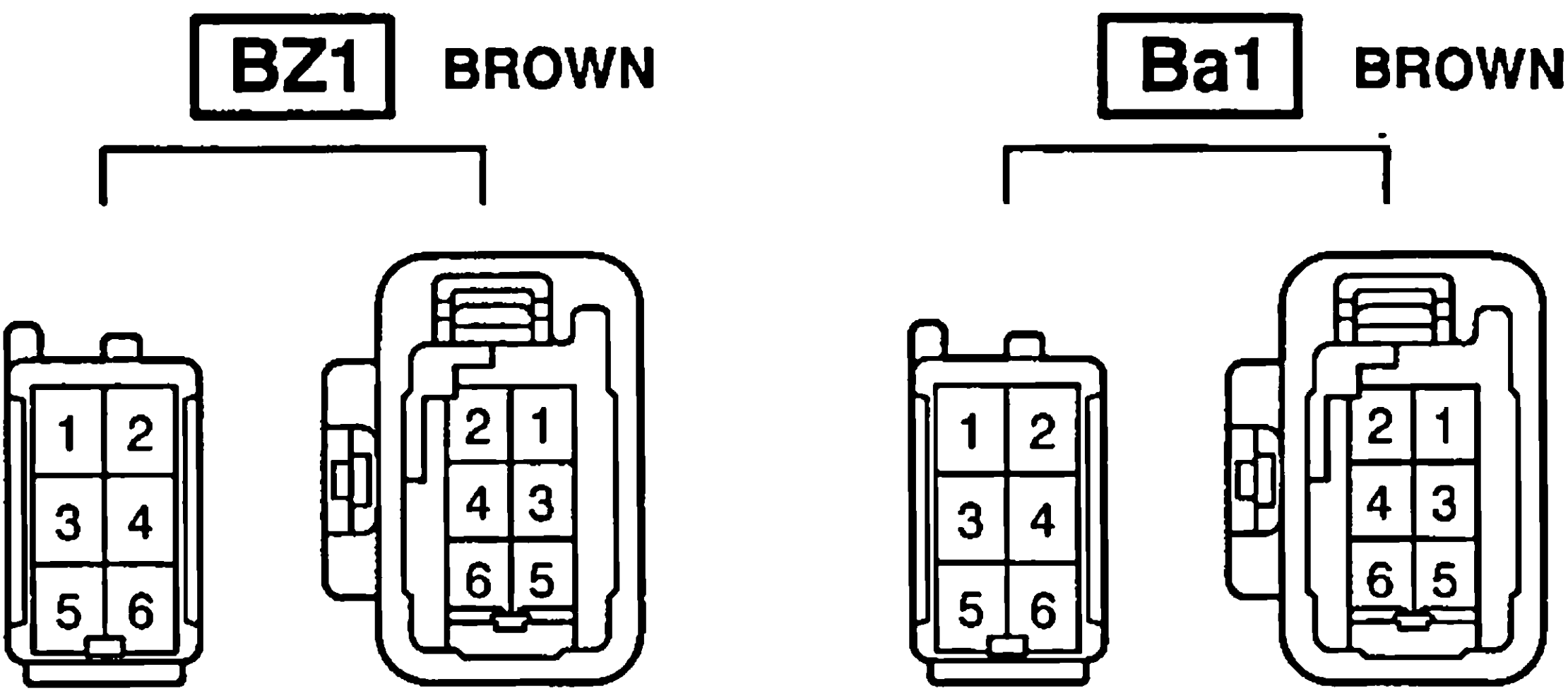
E ELECTRICAL WIRING ROUTING

☐ : Location of Connector Joining Wire Harness and Wire Harness

[LHD]



Connector Joining Wire Harness and Wire Harness



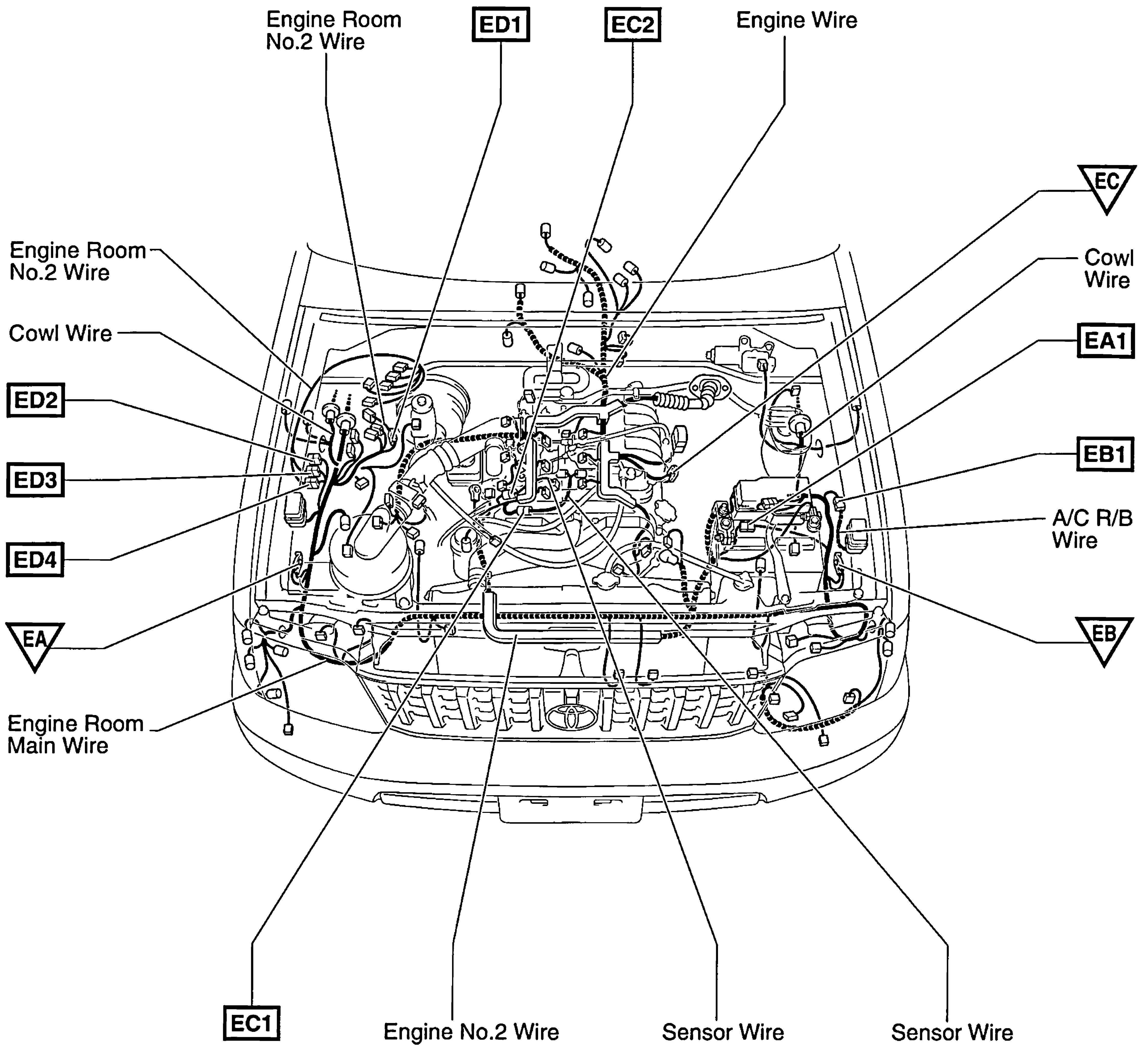
Code	Joining Wire Harness and Wire Harness (Connector Location)
BZ1	Floor No.2 Wire and Seat No.1 Wire (Under the Driver's Seat)
Ba1	Floor Wire and Seat No.2 Wire (Under the Front Passenger's Seat)

E ELECTRICAL WIRING ROUTING

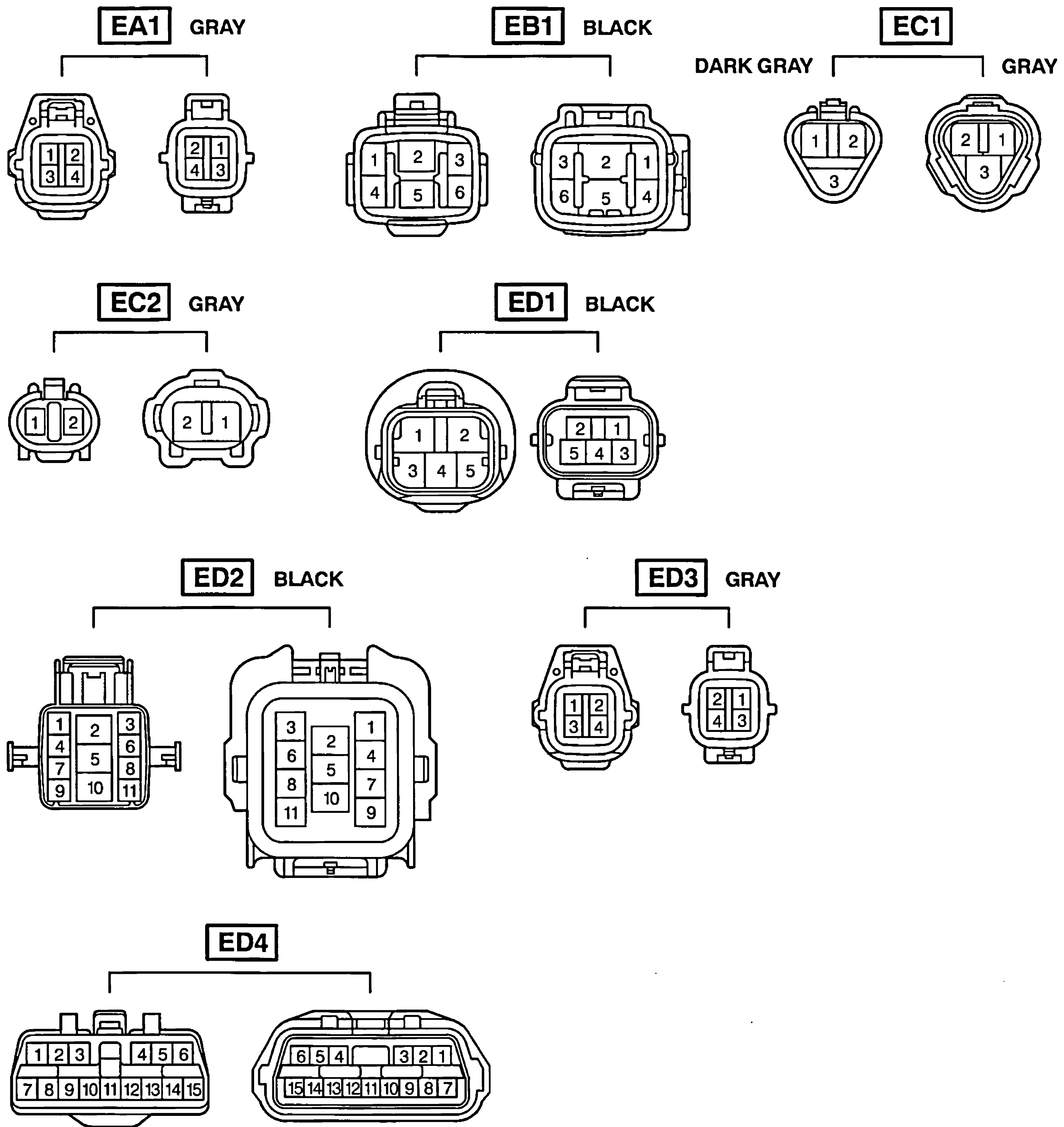
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 5VZ-FE]



Connector Joining Wire Harness and Wire Harness



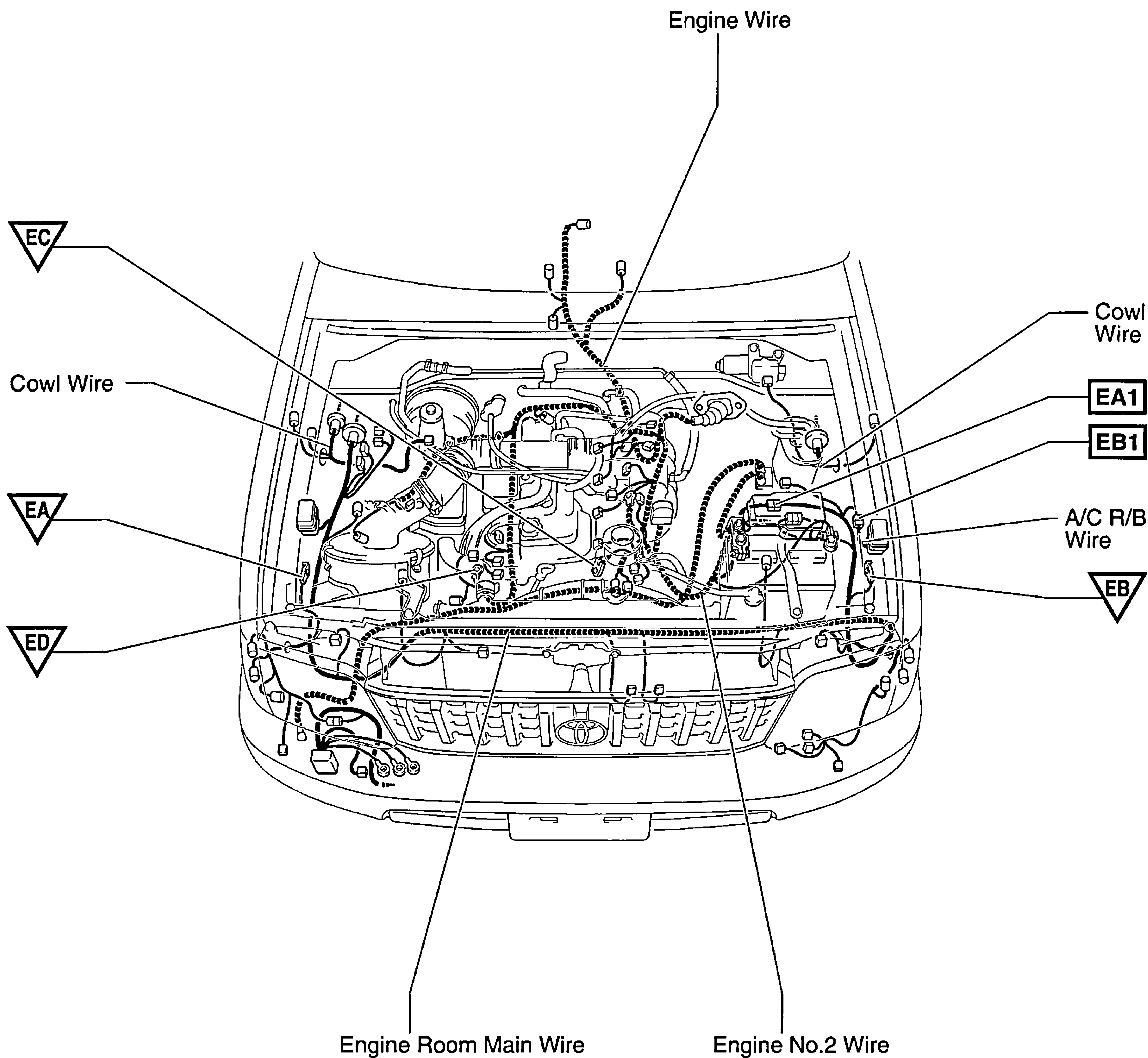
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine No.2 Wire and Engine Room Main Wire (Near the Engine Room R/B)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine Room R/B)
EC1	Sensor Wire and Engine Wire (Front Side of Cylinder Head Cover Right)
EC2	Engine Wire and Sensor Wire (Front Side of Cylinder Head Cover Right)
ED1	Engine Room Main Wire and Engine Room No.2 Wire (Near the ABS Actuator)
ED2	Engine Room Main Wire and Engine Room No.2 Wire (Near the R/B No.7)
ED3	
ED4	

E ELECTRICAL WIRING ROUTING

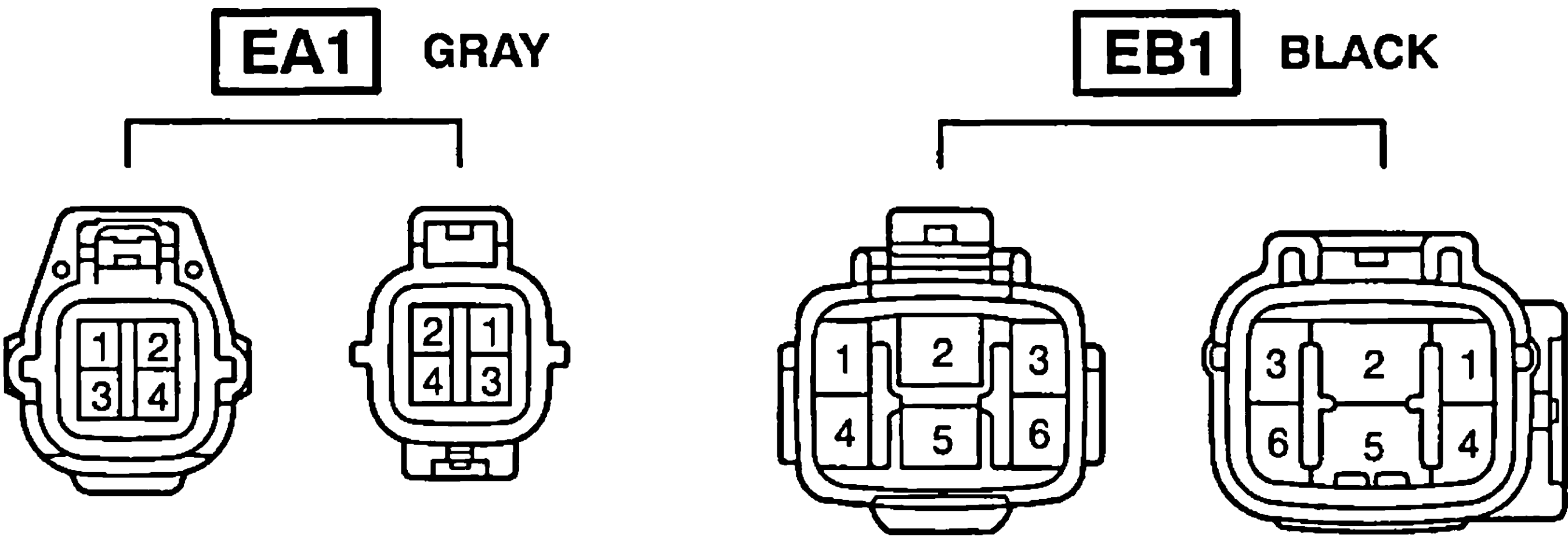
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 3RZ-FE]



Connector Joining Wire Harness and Wire Harness



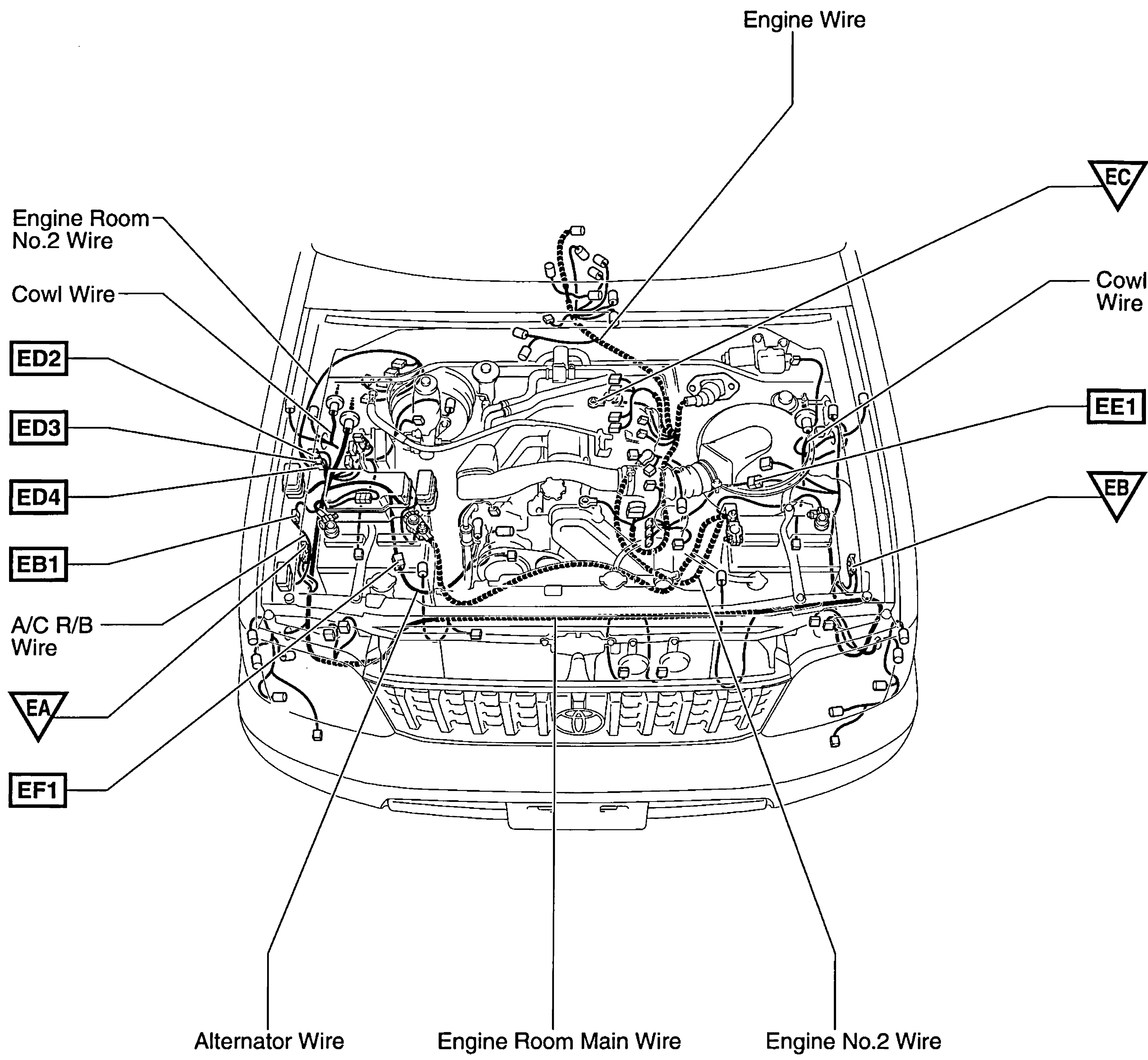
Code	Joining Wire Harness and Wire Harness (Connector Location)
EA1	Engine No.2 Wire and Engine Room Main Wire (Near the Engine Room R/B)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine R/B)

E ELECTRICAL WIRING ROUTING

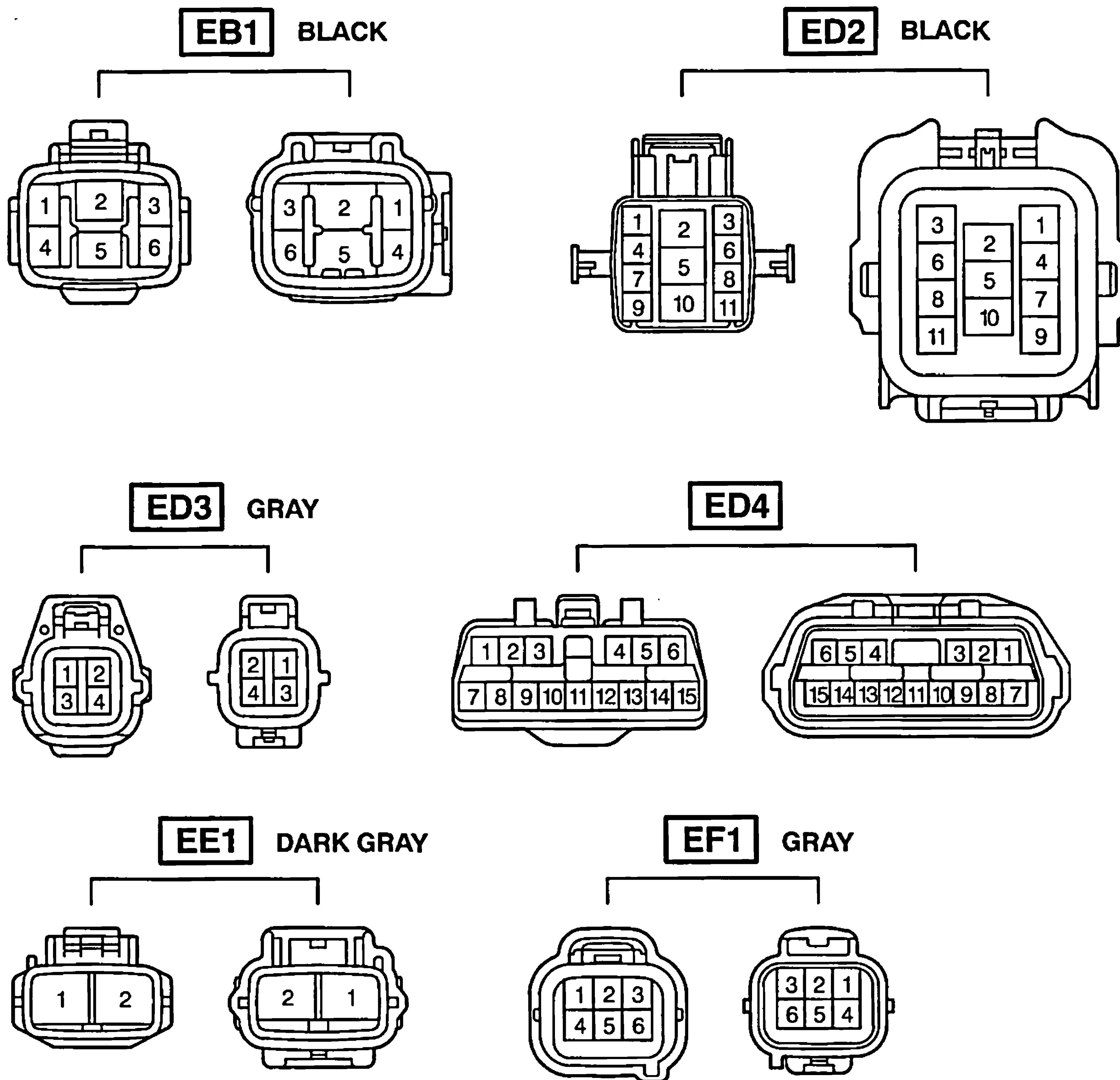
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 1KZ-TE Australia]



Connector Joining Wire Harness and Wire Harness



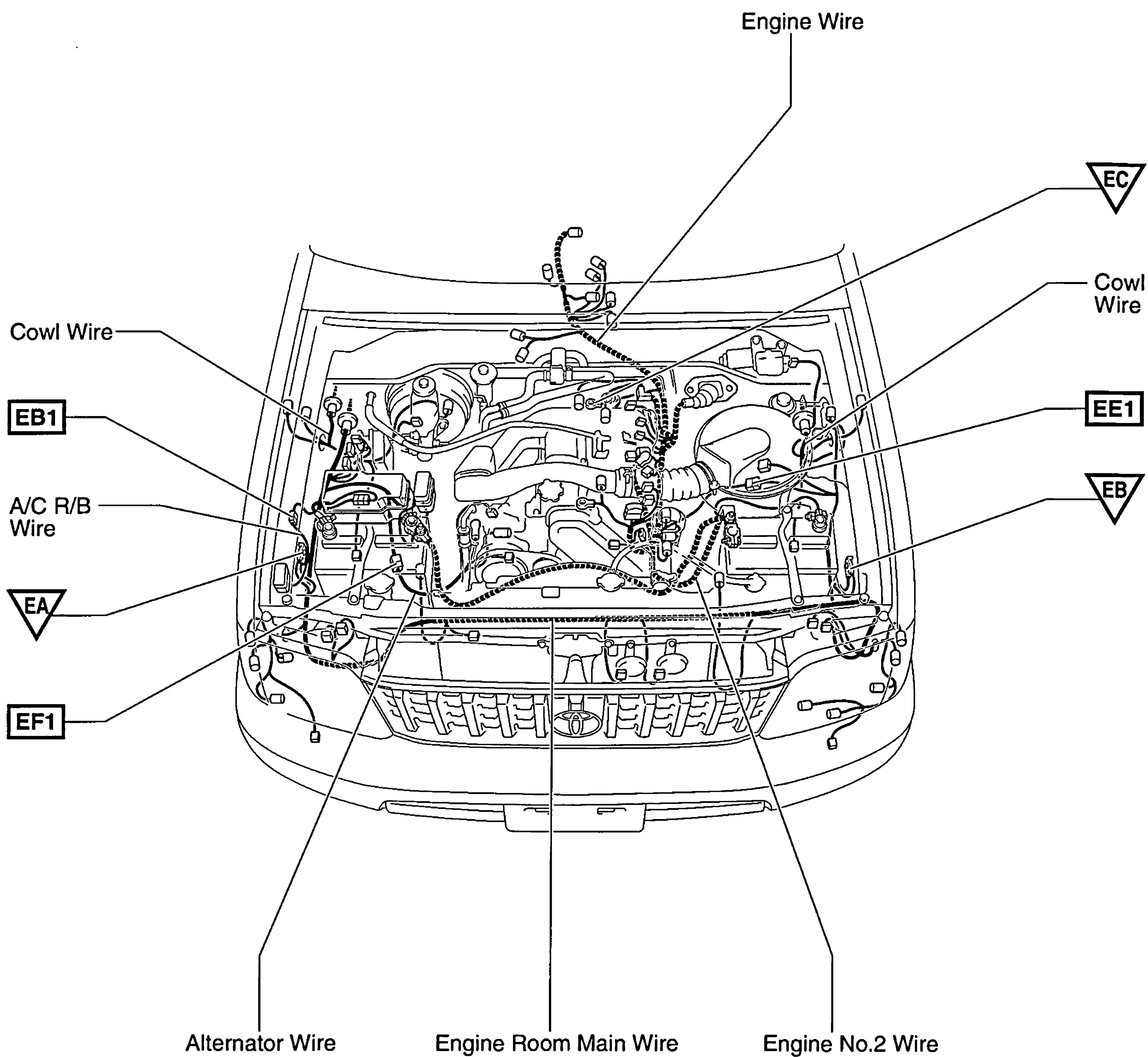
Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine R/B)
ED2	
ED3	Engine Room Main Wire and Engine Room No.2 Wire (Near the R/B No.7)
ED4	
EE1	Engine Room Main Wire and Engine Wire (Near the Air Cleaner)
EF1	Alternator Wire and Engine Room Main Wire (Near the Engine Room R/B)

E ELECTRICAL WIRING ROUTING

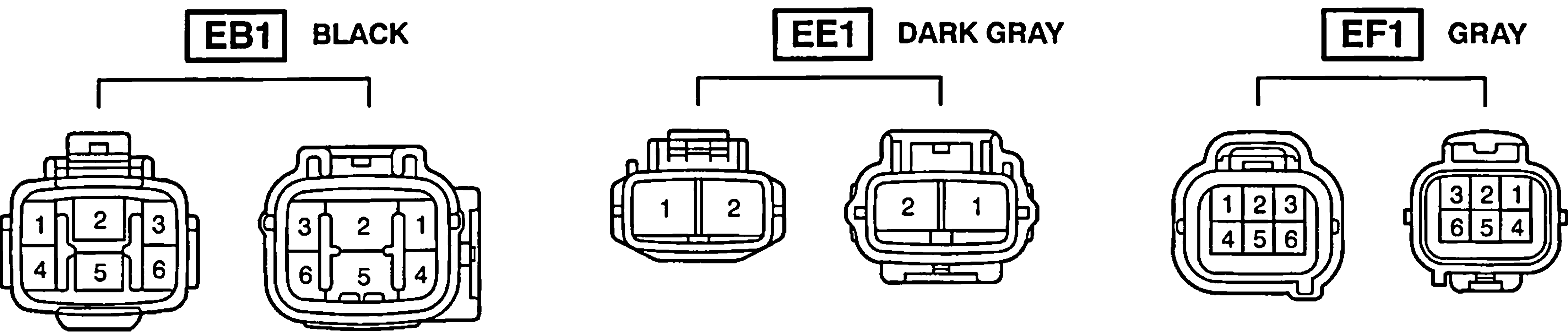
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 1KZ-TE Except Australia]



Connector Joining Wire Harness and Wire Harness



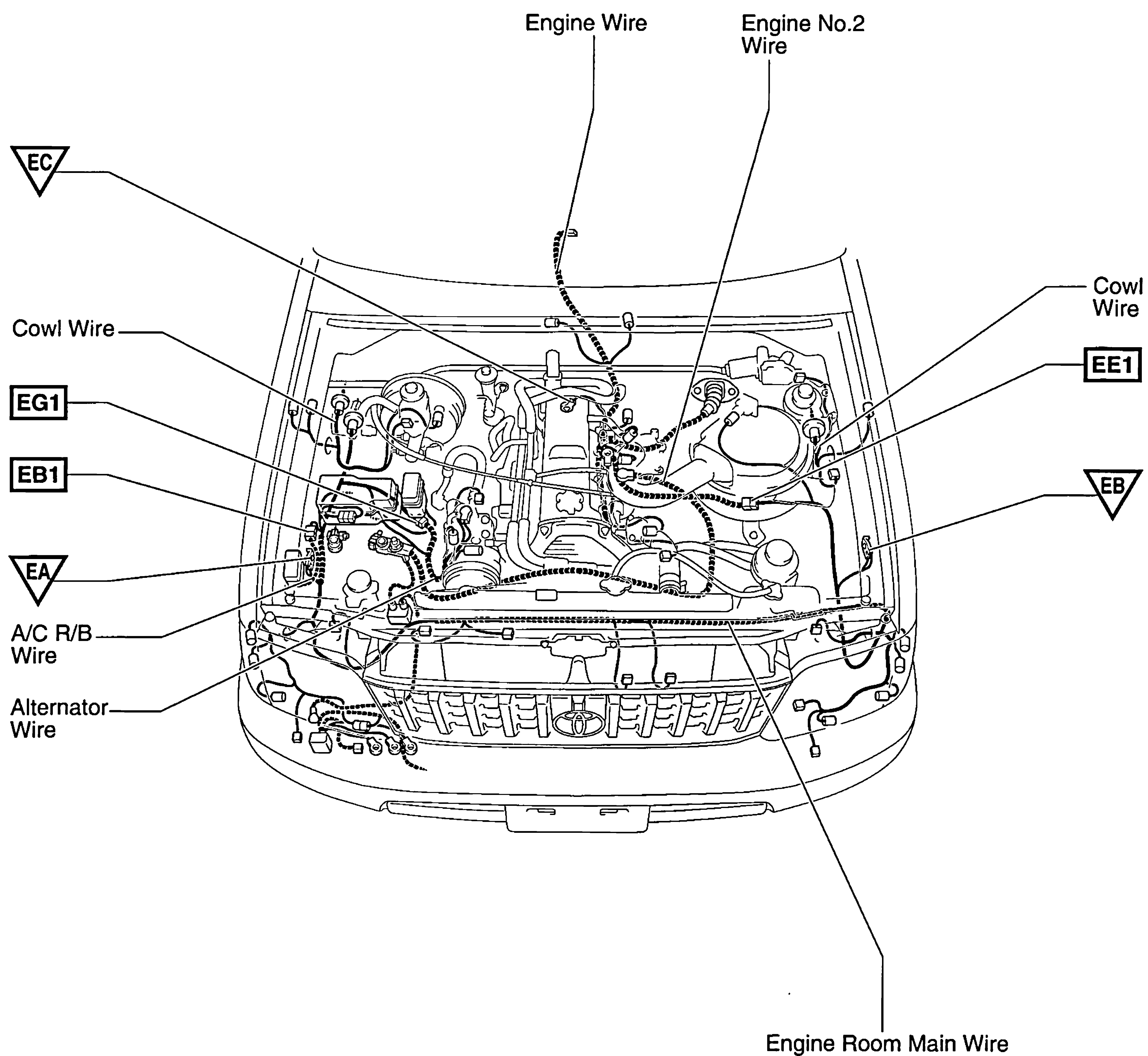
Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine R/B)
EE1	Engine Room Main Wire and Engine Wire (Near the Air Cleaner)
EF1	Alternator Wire and Engine Room Main Wire (Near the Engine Room R/B)

E ELECTRICAL WIRING ROUTING

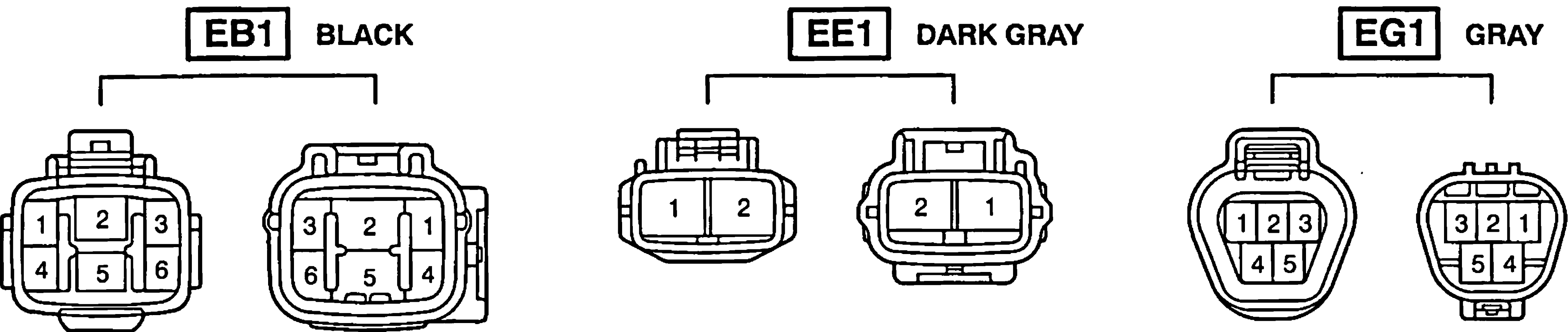
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 3L]



Connector Joining Wire Harness and Wire Harness



Code	Joining Wire Harness and Wire Harness (Connector Location)
EB1	Engine Room Main Wire and A/C R/B Wire (Near the Engine Room R/B)
EE1	Engine Room Main Wire and Engine Wire (Near the Air Cleaner)
EG1	Alternator Wire and Engine Room Main Wire (Near the Engine Room R/B)

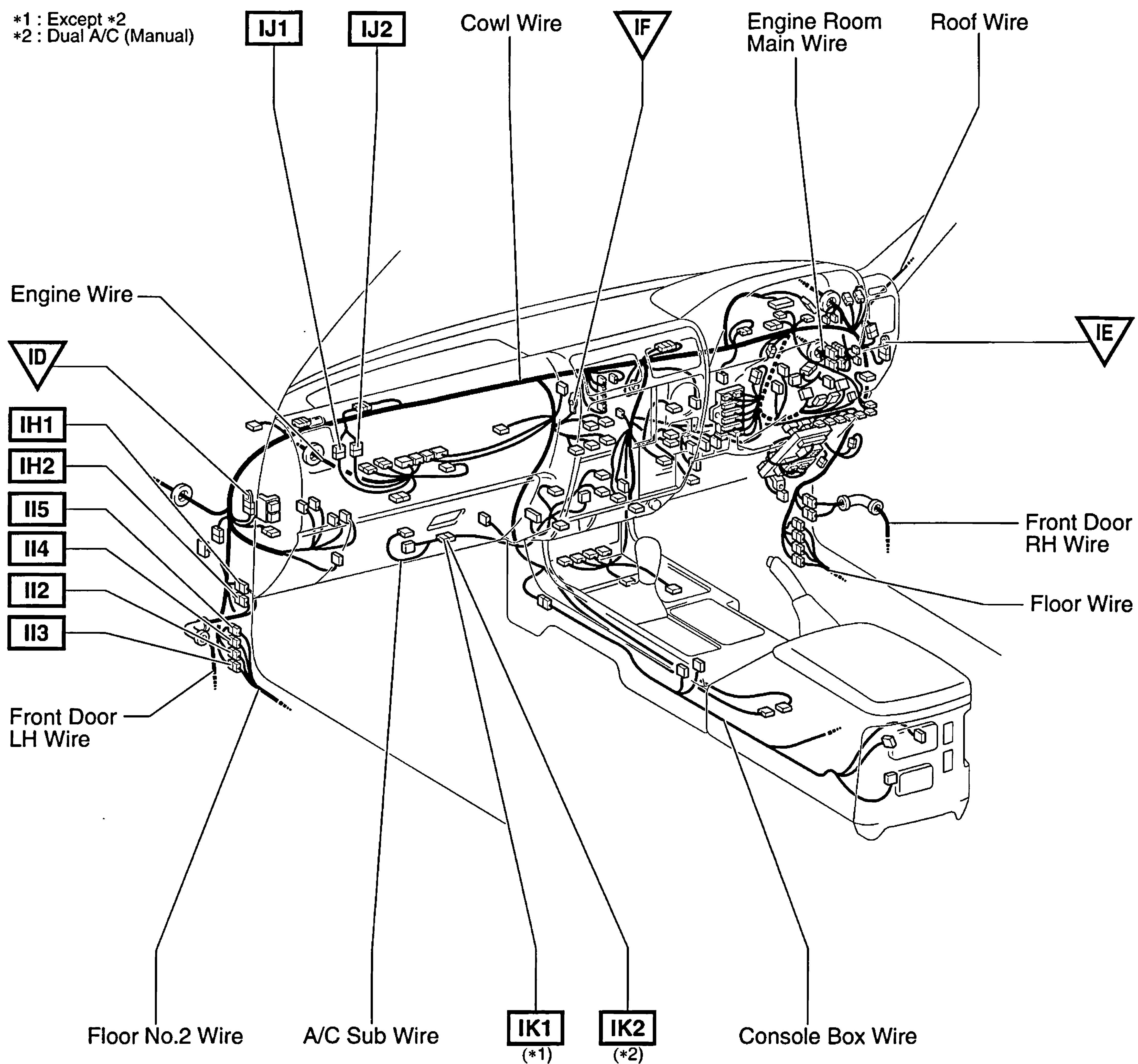
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

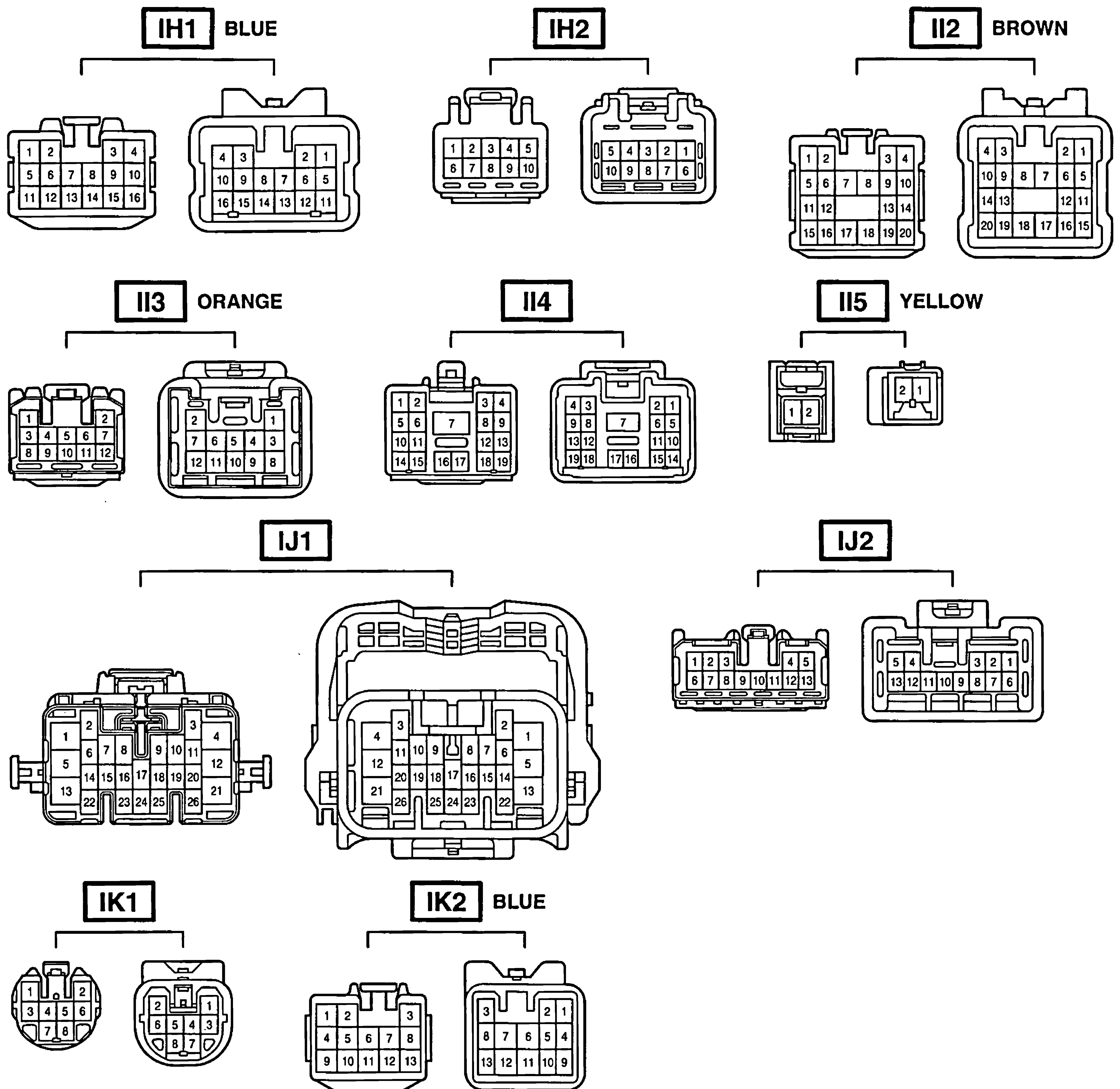
▽ : Location of Ground Points

[RHD]

*1 : Except *2
*2 : Dual A/C (Manual)



Connector Joining Wire Harness and Wire Harness

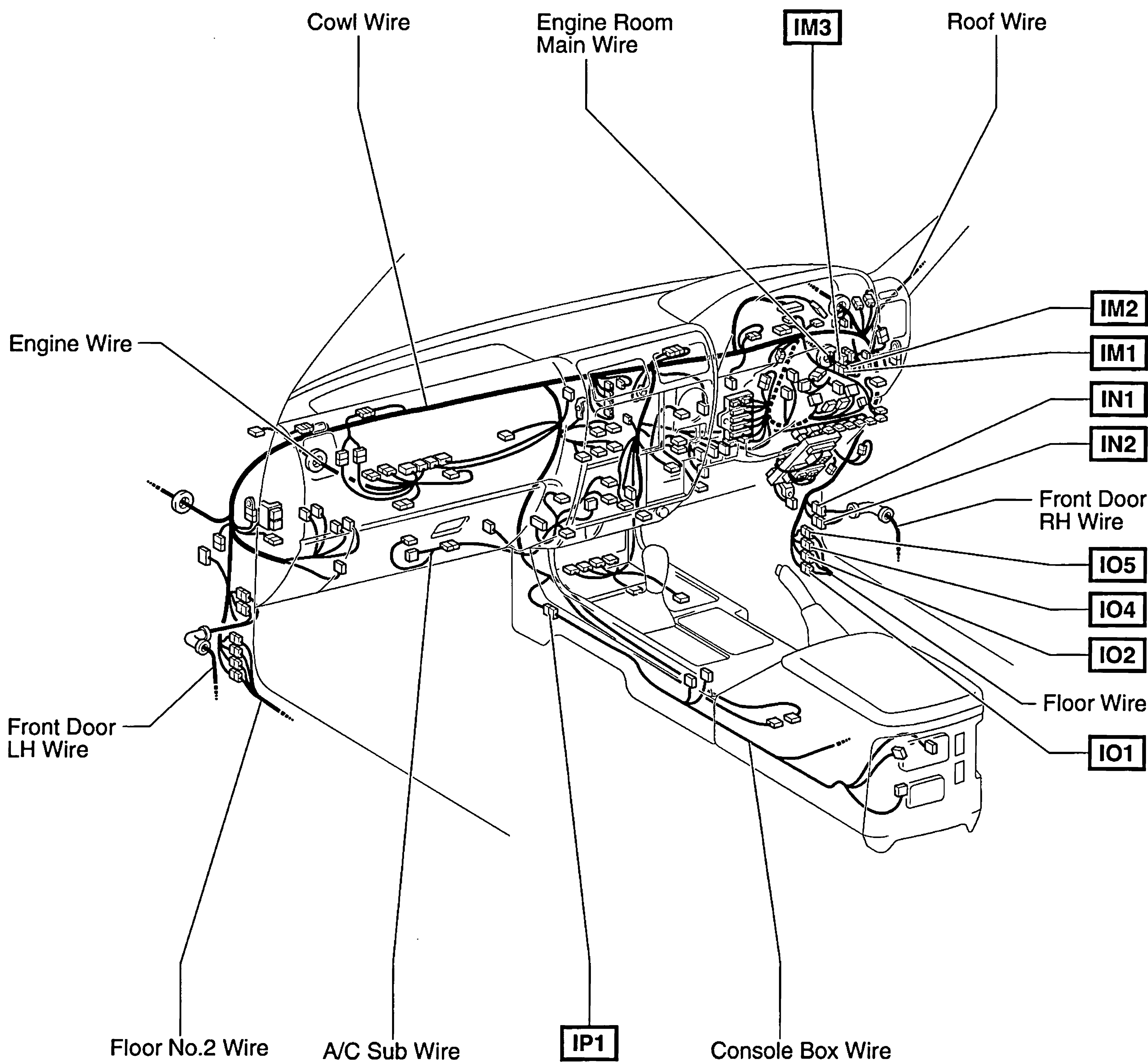


Code	Joining Wire Harness and Wire Harness (Connector Location)
IH1	Front Door LH Wire and Cowl Wire (Left Kick Panel)
IH2	
II2	Floor No.2 Wire and Cowl Wire (Left Kick Panel)
II3	
II4	
II5	
IJ1	
IJ2	Engine Wire and Cowl Wire (Behind the Glove Box)
IK1	Cowl Wire and A/C Sub Wire (Near the A/C Unit)
IK2	

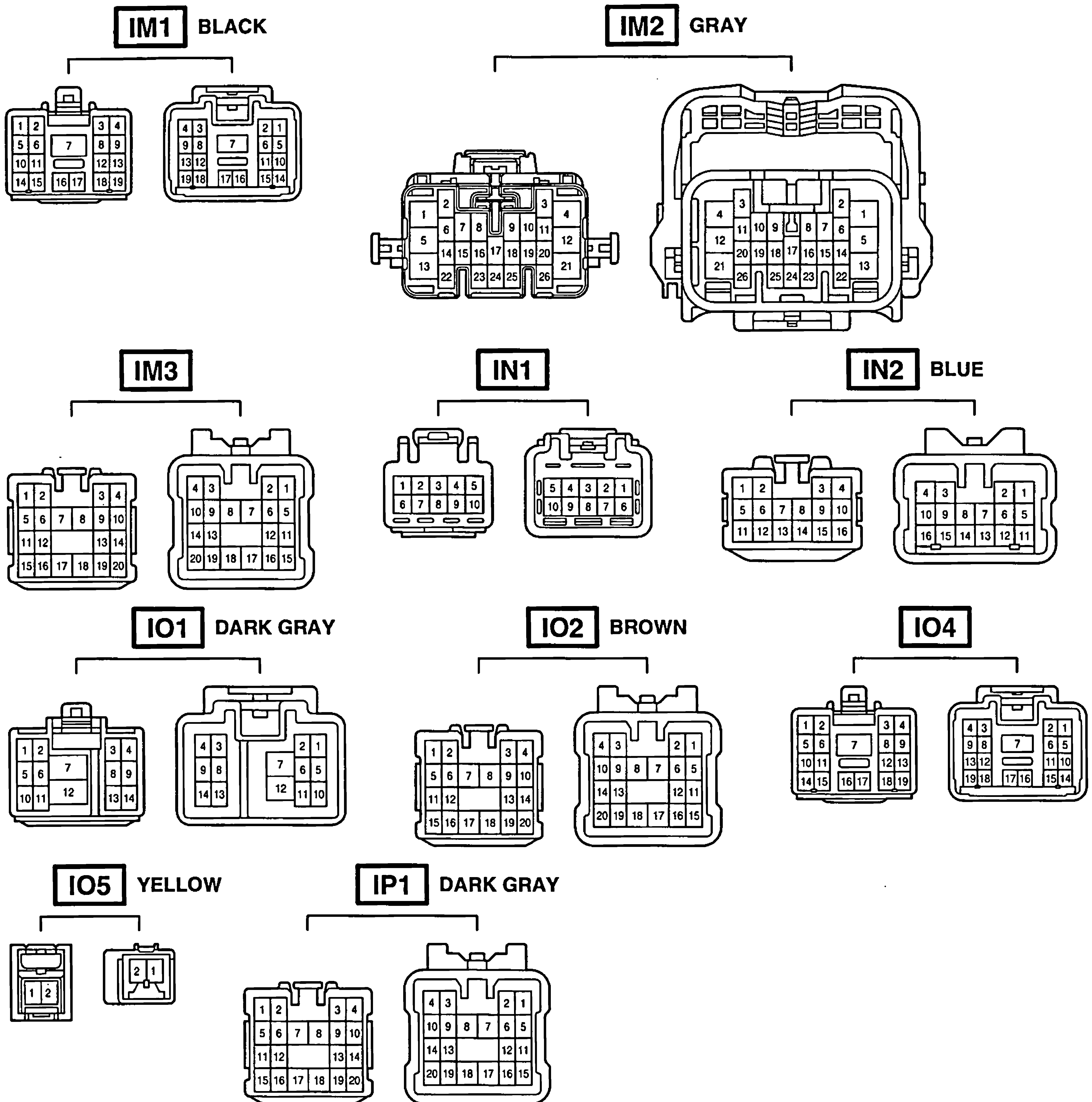
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]



Connector Joining Wire Harness and Wire Harness



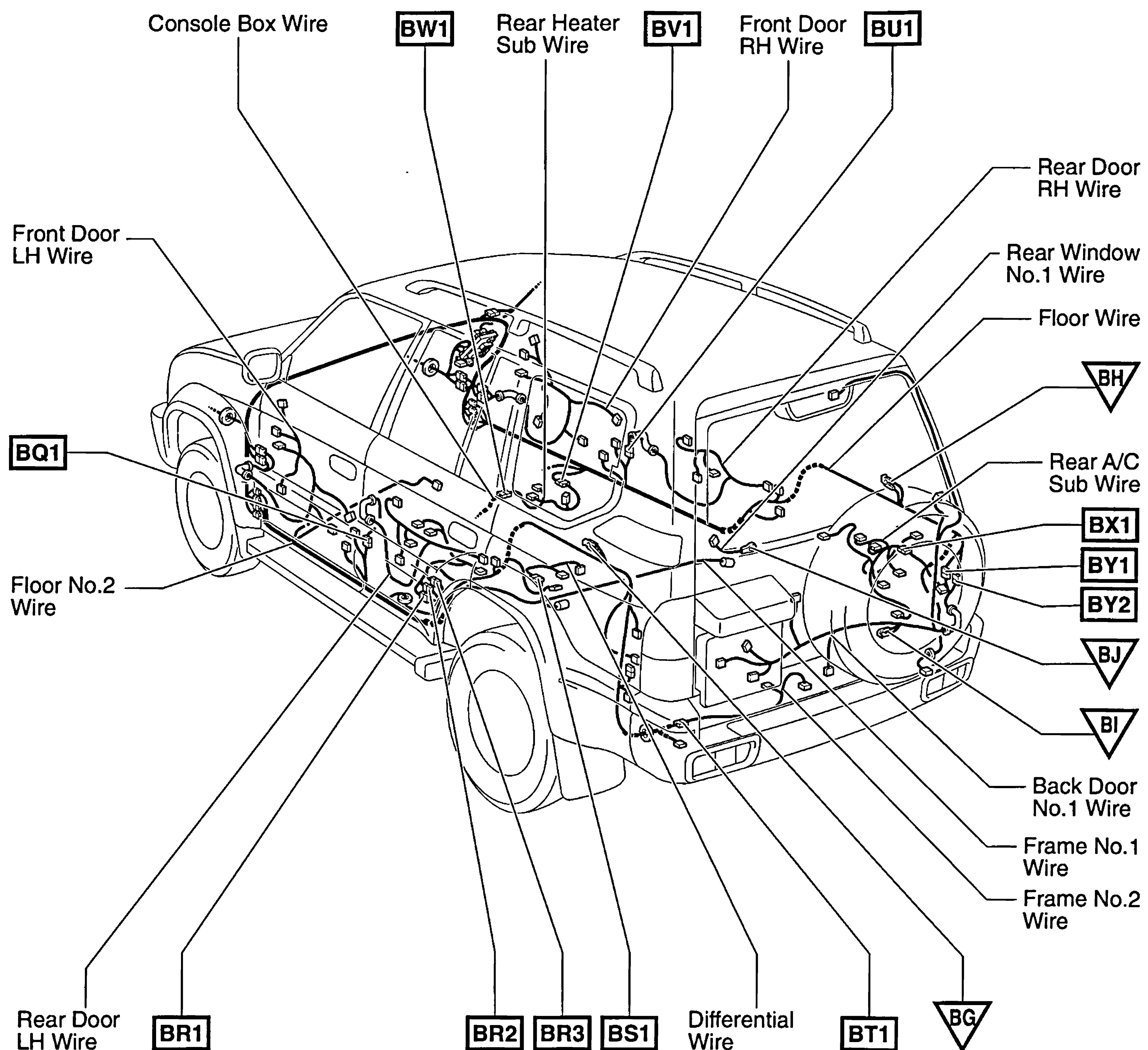
Code	Joining Wire Harness and Wire Harness (Connector Location)
IM1	Engine Room Main Wire and Cowl Wire (Cowl Side Panel RH)
IM2	
IM3	
IN1	Front Door RH Wire and Cowl Wire (Right Kick Panel)
IN2	
IO1	Floor Wire and Cowl Wire (Right Kick Panel)
IO2	
IO4	
IO5	
IP1	Console Box Wire and Cowl Wire (Under the Instrument Panel Brace LH)

E ELECTRICAL WIRING ROUTING

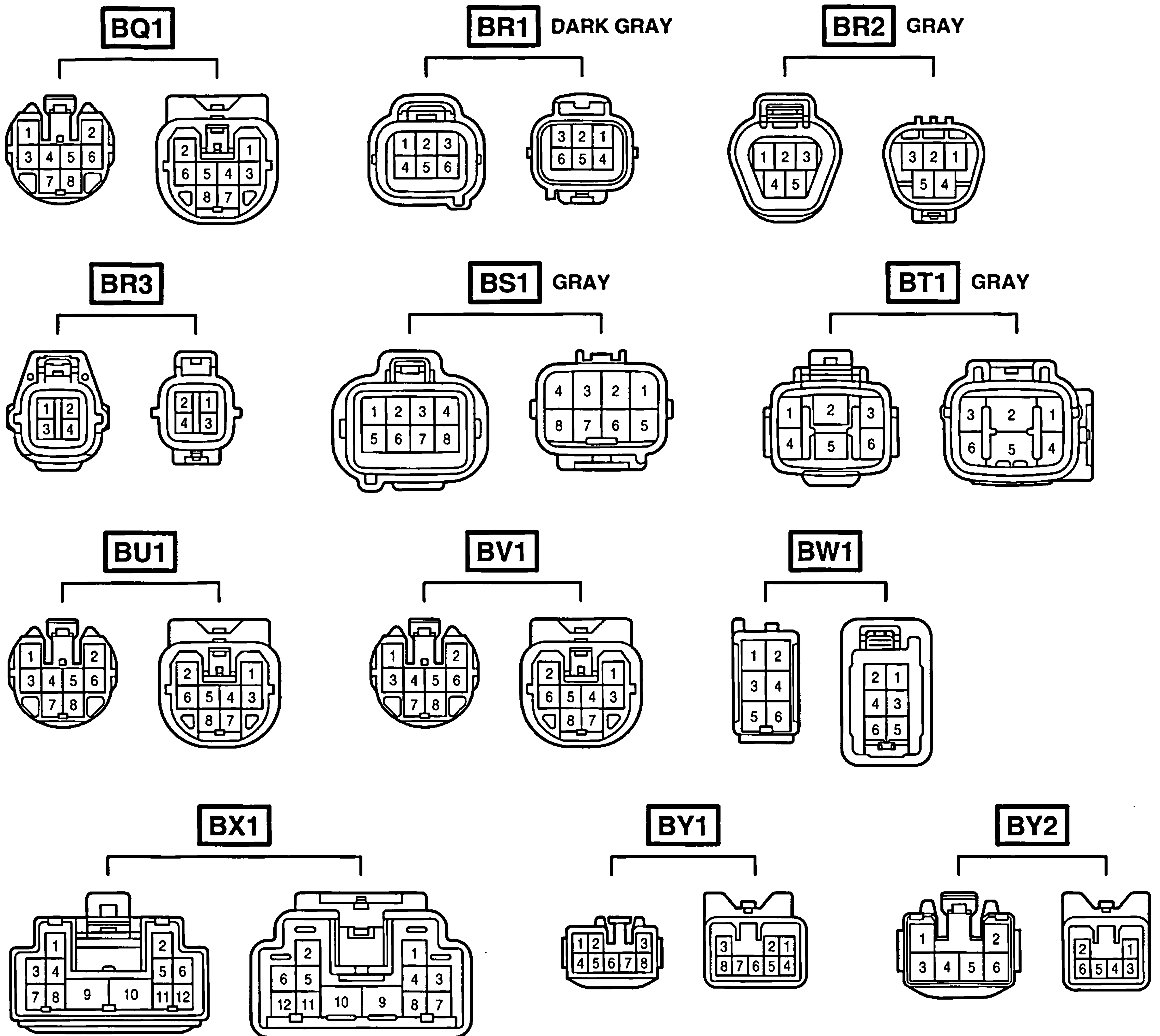
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 5-Door]



Connector Joining Wire Harness and Wire Harness



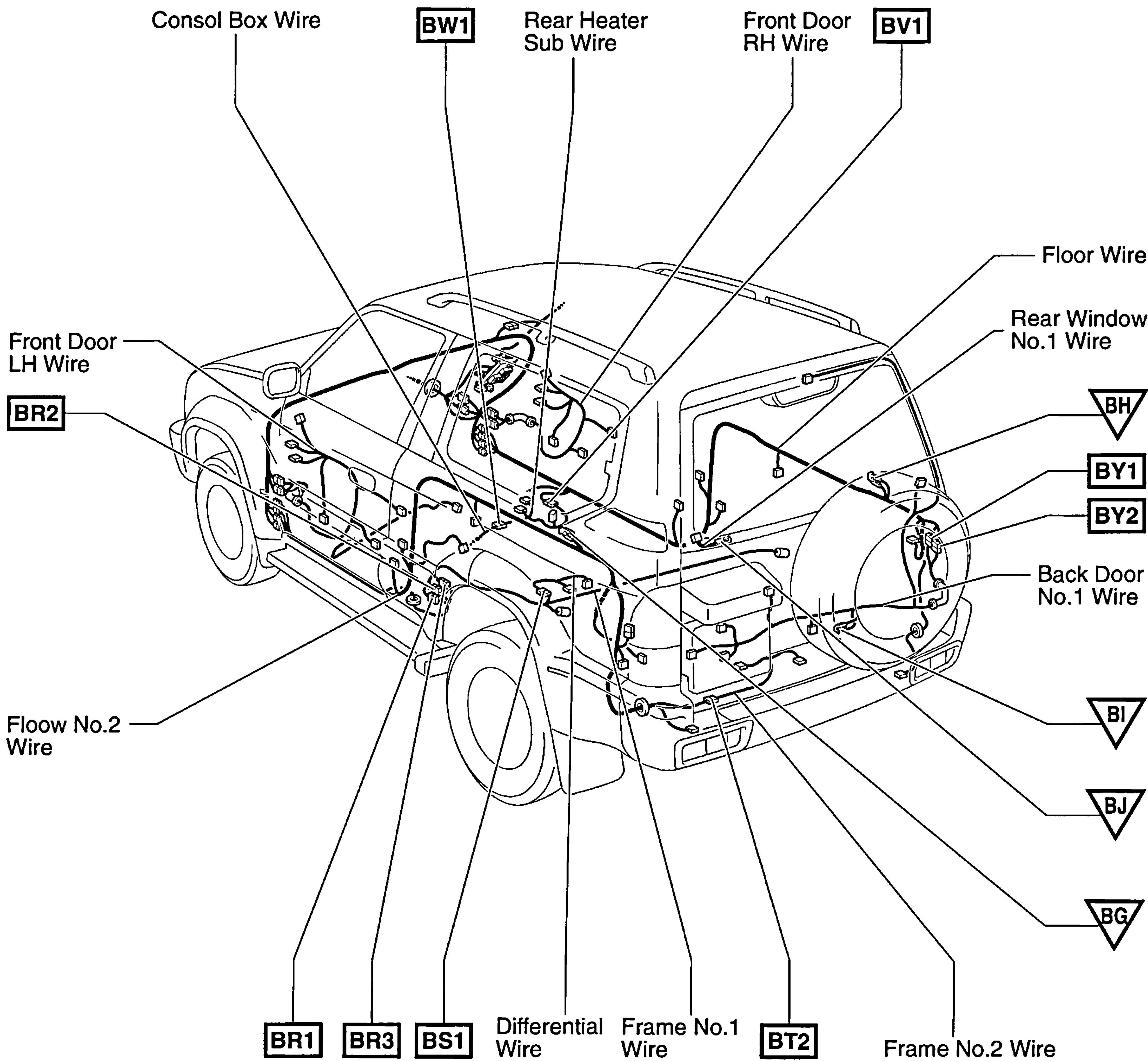
Code	Joining Wire Harness and Wire Harness (Connector Location)
BQ1	Rear Door LH Wire and Floor No.2 Wire (Center Pillar LH)
BR1	Floor No.2 Wire and Frame No.1 Wire (Under the Left Side of Rear Seat Cushion)
BR2	
BR3	
BS1	Frame No.1 Wire and Differential Wire (Upper the Rear Axle Housing Left)
BT1	Floor No.2 Wire and Frame No.2 Wire (Left Quarter Panel Inner)
BU1	Rear Door RH Wire and Floor Wire (Center Pillar RH)
BV1	Floor Wire and Rear Heater Sub Wire (Under the Driver's Seat)
BW1	Rear Heater Sub Wire and Console Box Wire (Under the Drive's Seat)
BX1	Floor Wire and Rear A/C Sub Wire (Right Quarter Panel Inner)
BY1	Back Door No.1 Wire and Floor Wire (Right Quarter Panel Inner)
BY2	

E ELECTRICAL WIRING ROUTING

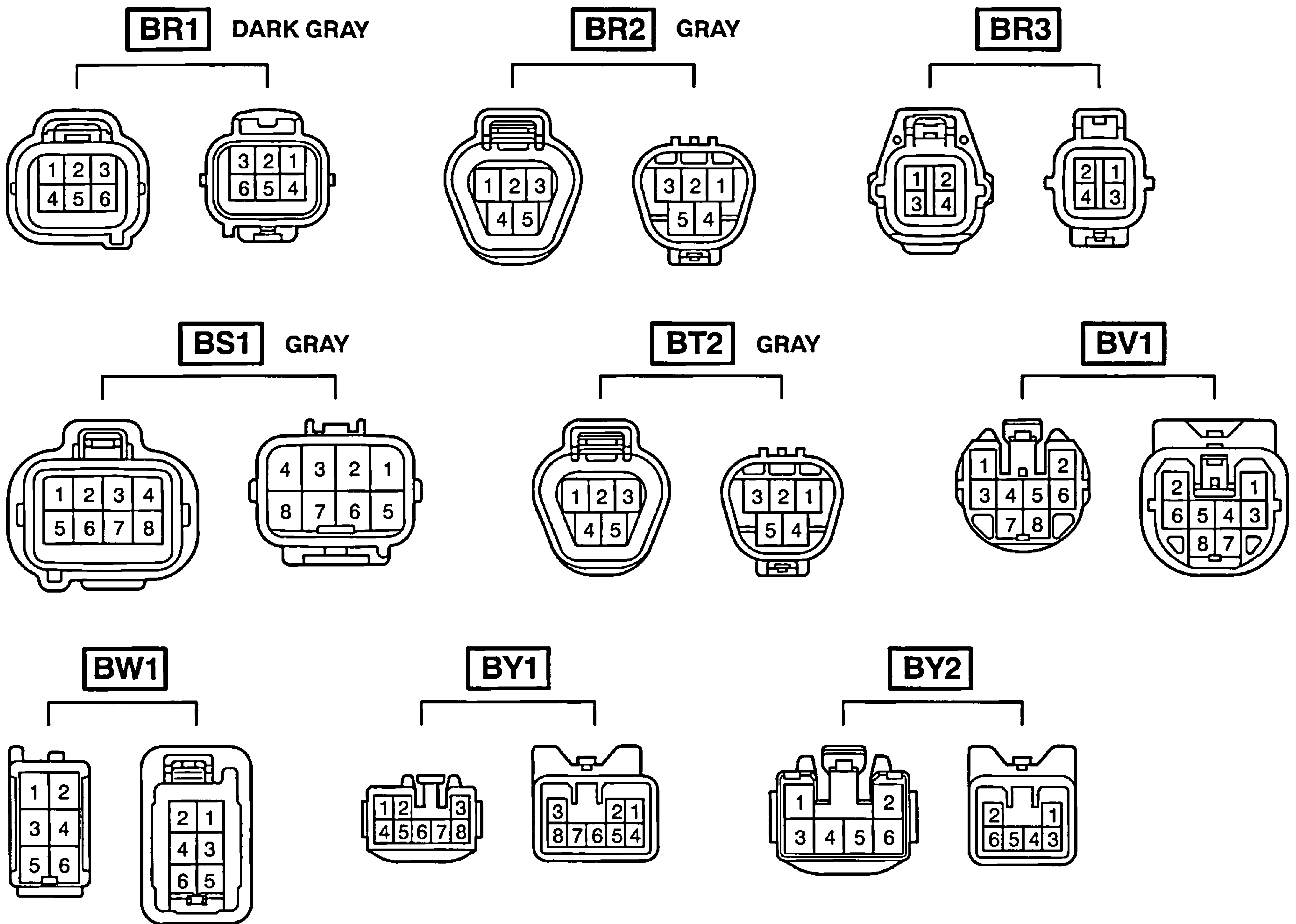
□ : Location of Connector Joining Wire Harness and Wire Harness

▽ : Location of Ground Points

[RHD : 3-Door]



Connector Joining Wire Harness and Wire Harness

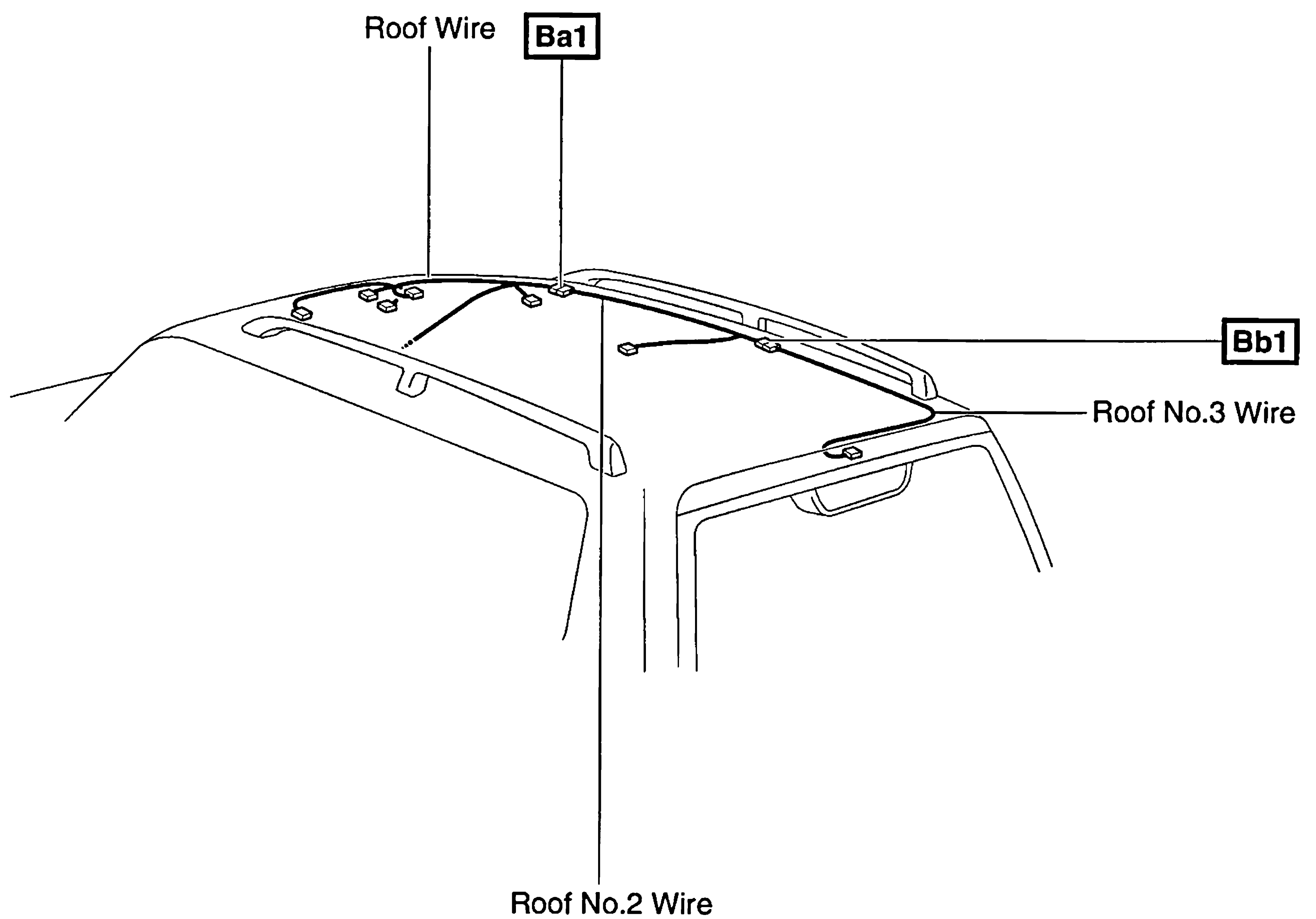


Code	Joining Wire Harness and Wire Harness (Connector Location)
BR1	Floor No.2 Wire and Frame No.1 Wire (Under the Left Side of Rear Seat Cushion)
BR2	
BR3	
BS1	Frame No.1 Wire and Differential Wire (Upper the Rear Axle Housing Left)
BT2	Floor No.2 Wire and Frame No.2 Wire (Left Quarter Panel Inner)
BV1	Floor Wire and Rear Heater Sub Wire (Under the Driver's Seat)
BW1	Rear Heater Sub Wire and Console Box Wire (Under the Driver's Seat)
BY1	Back Door No.1 Wire and Floor Wire (Right Quarter Panel Inner)
BY2	

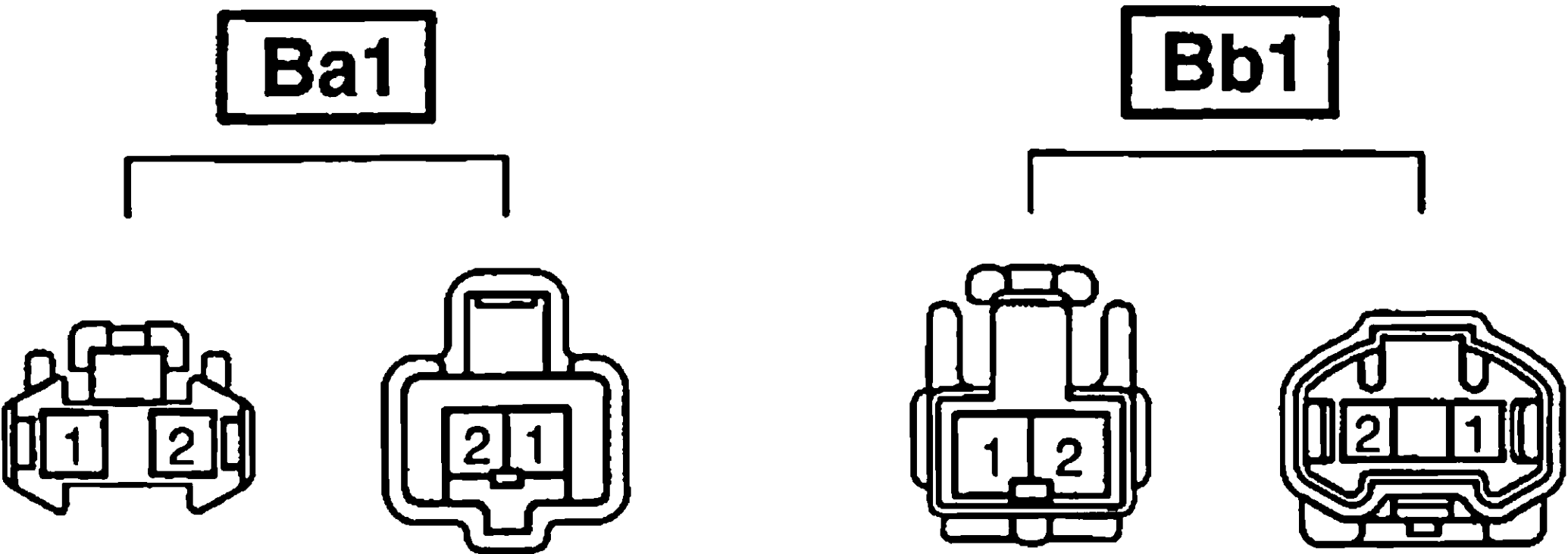
E ELECTRICAL WIRING ROUTING

☐ : Location of Connector Joining Wire Harness and Wire Harness

[RHD : w/ Moon Roof]



Connector Joining Wire Harness and Wire Harness

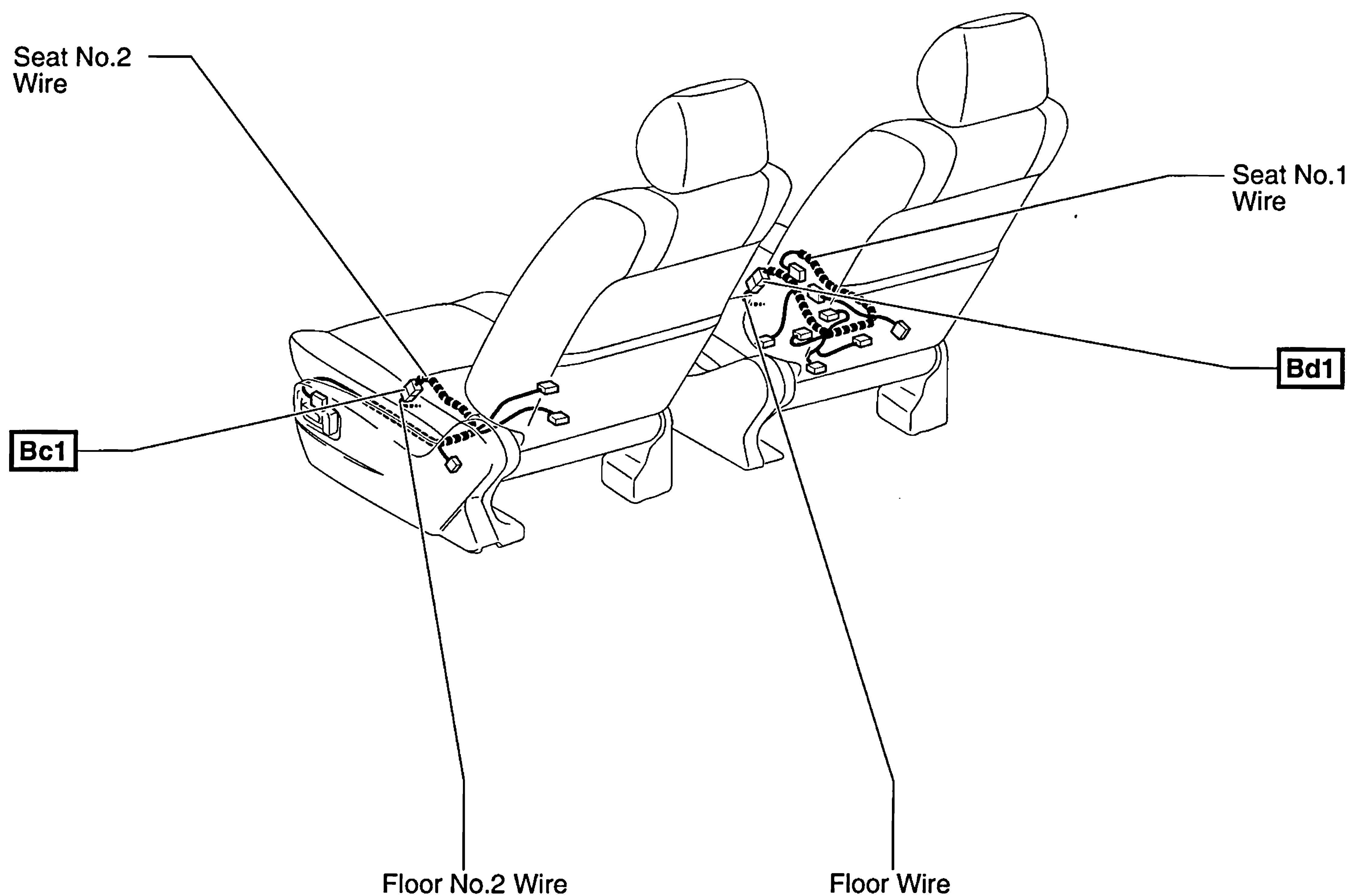


Code	Joining Wire Harness and Wire Harness (Connector Location)
Ba1	Roof Wire and Roof No.2 Wire (Roof Side RH)
Bb1	Roof No.3 Wire and Roof No.2 Wire (Roof Side RH)

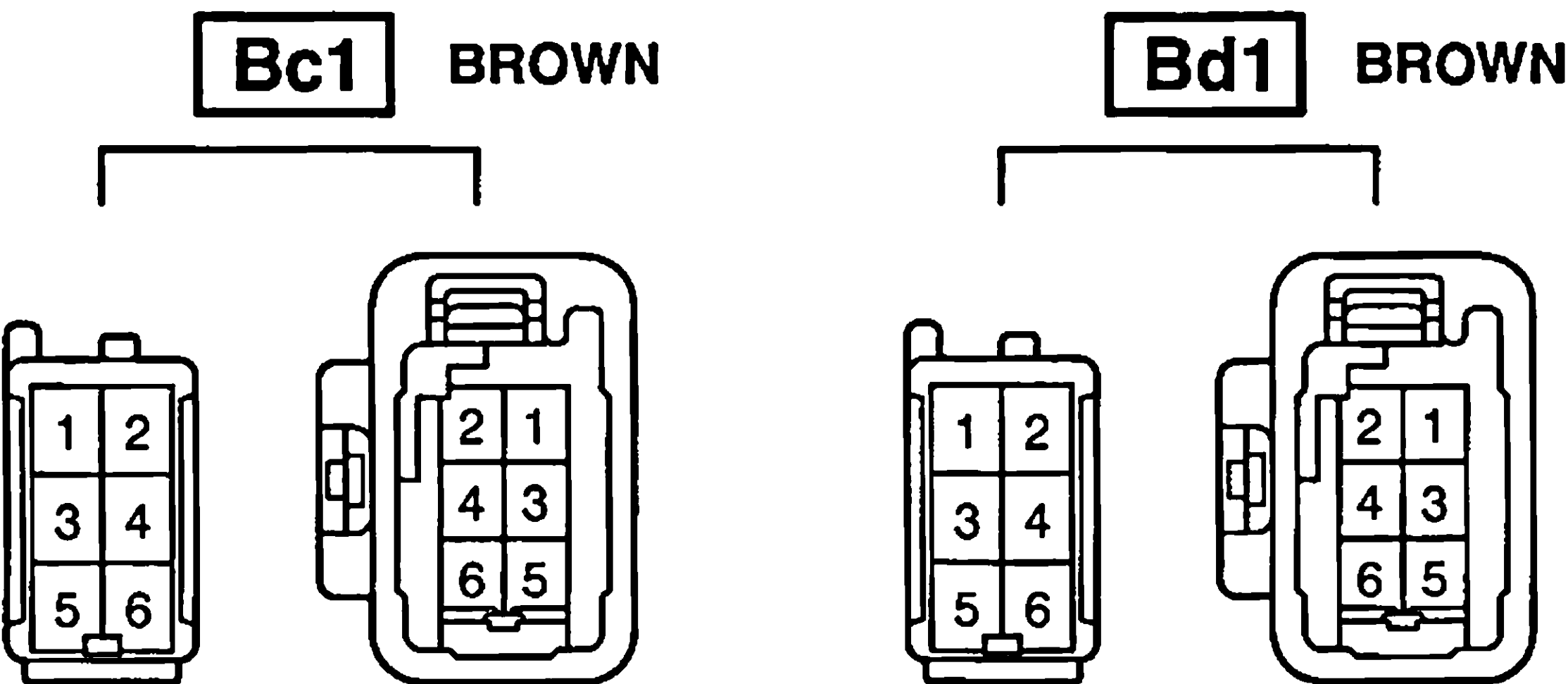
E ELECTRICAL WIRING ROUTING

□ : Location of Connector Joining Wire Harness and Wire Harness

[RHD]

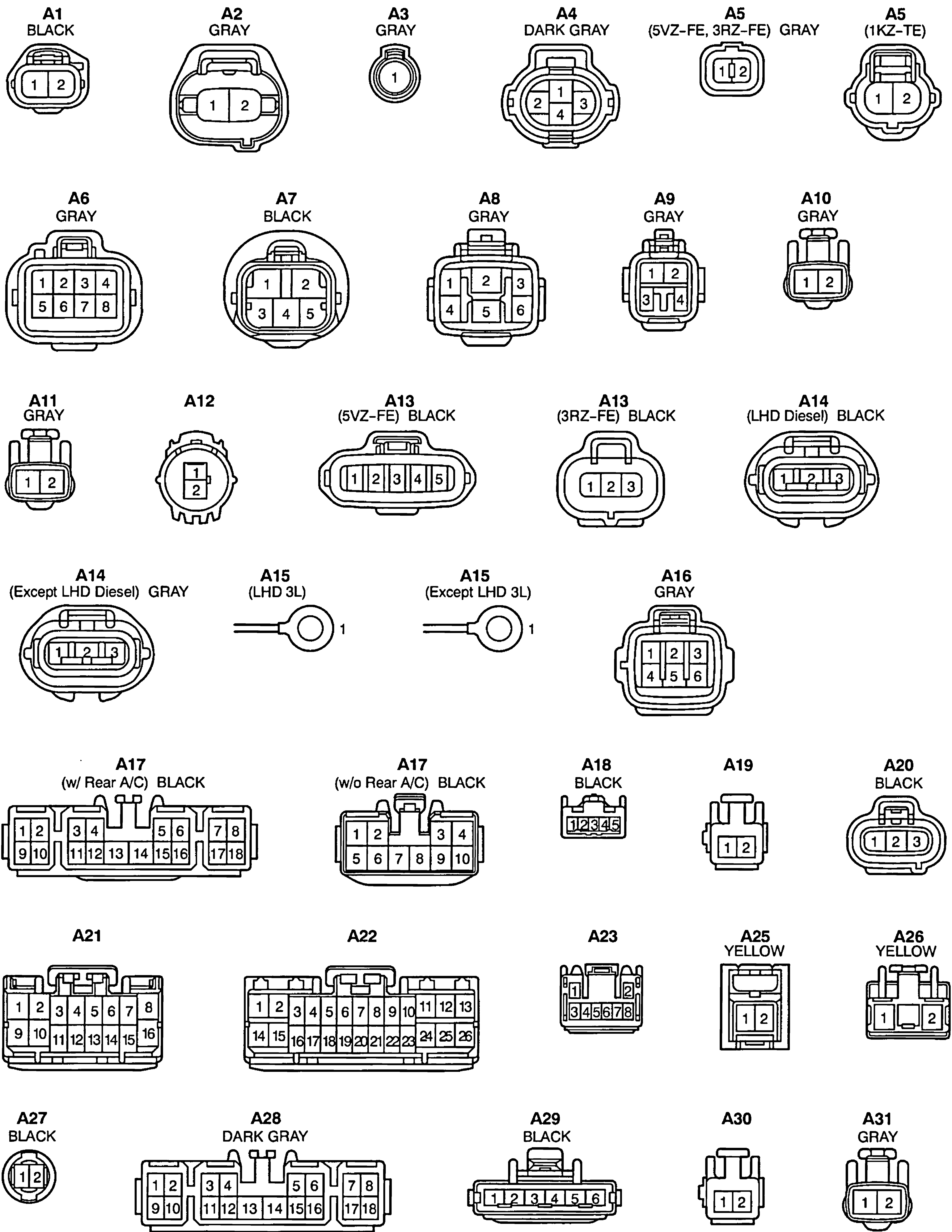


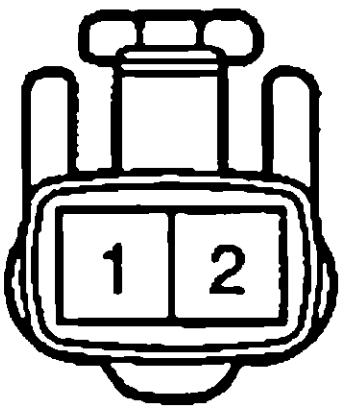
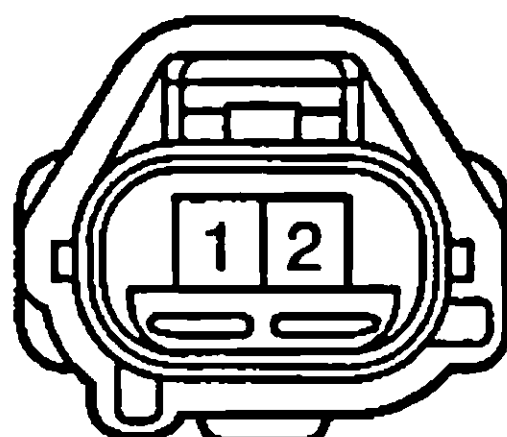
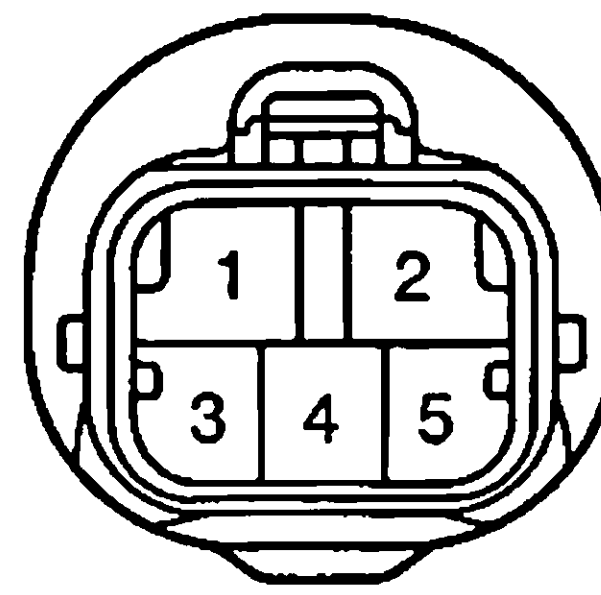
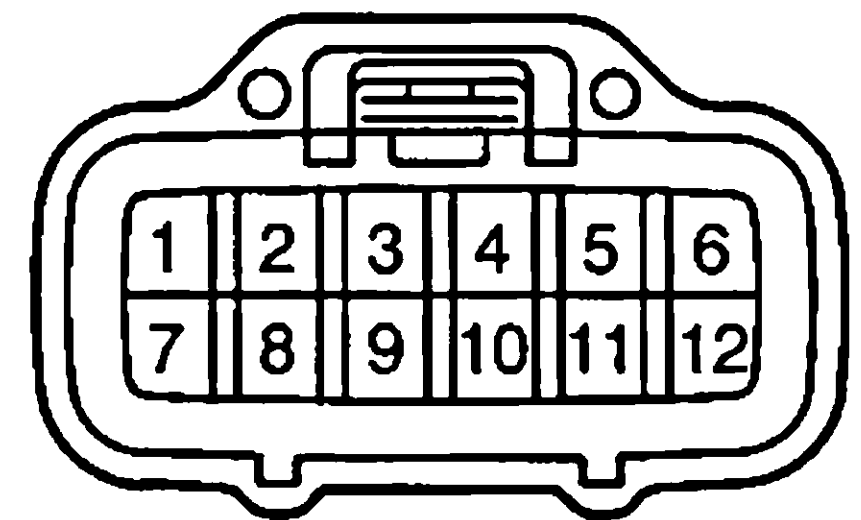
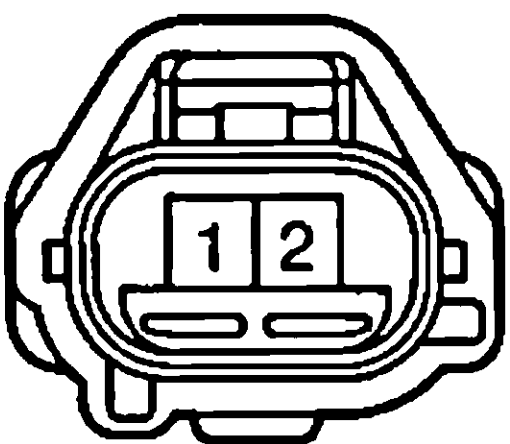
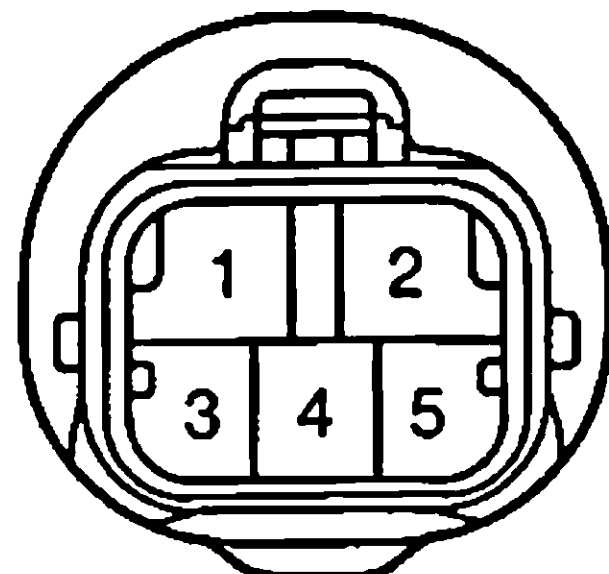
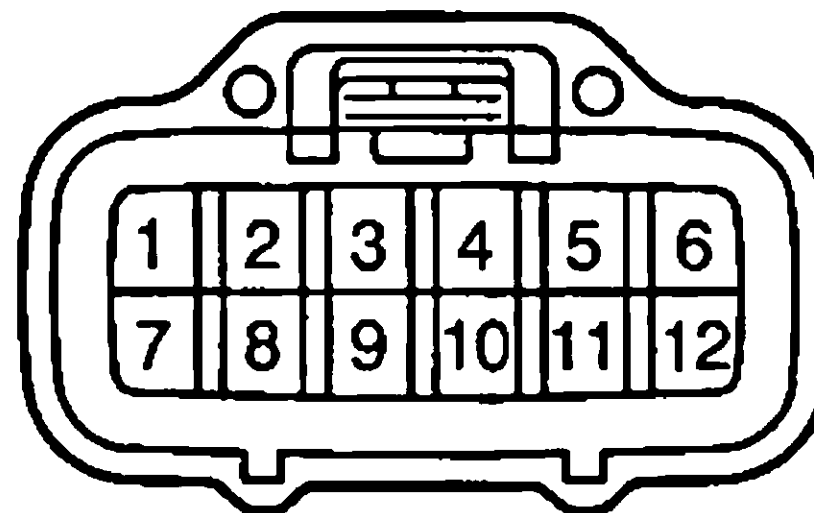
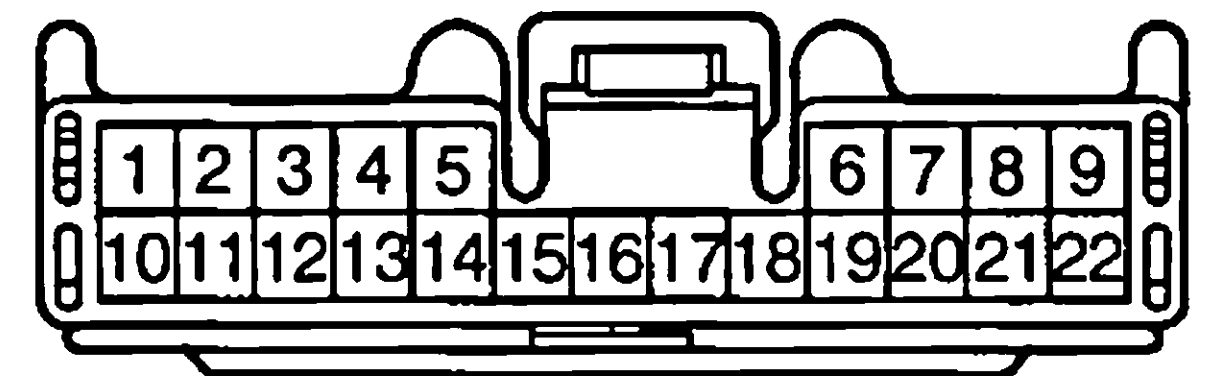
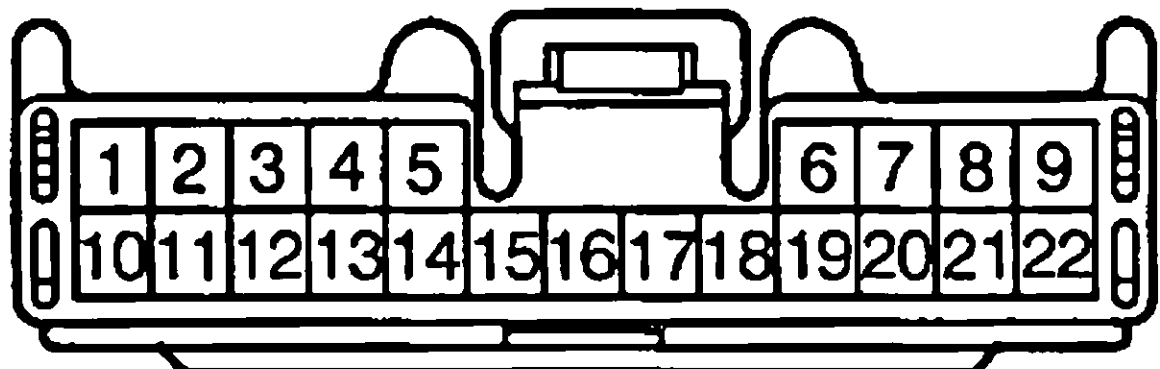
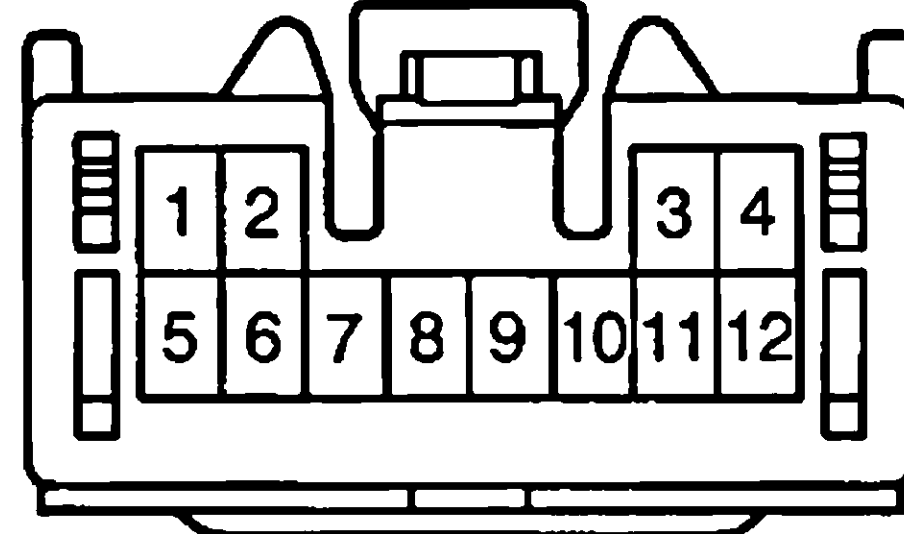
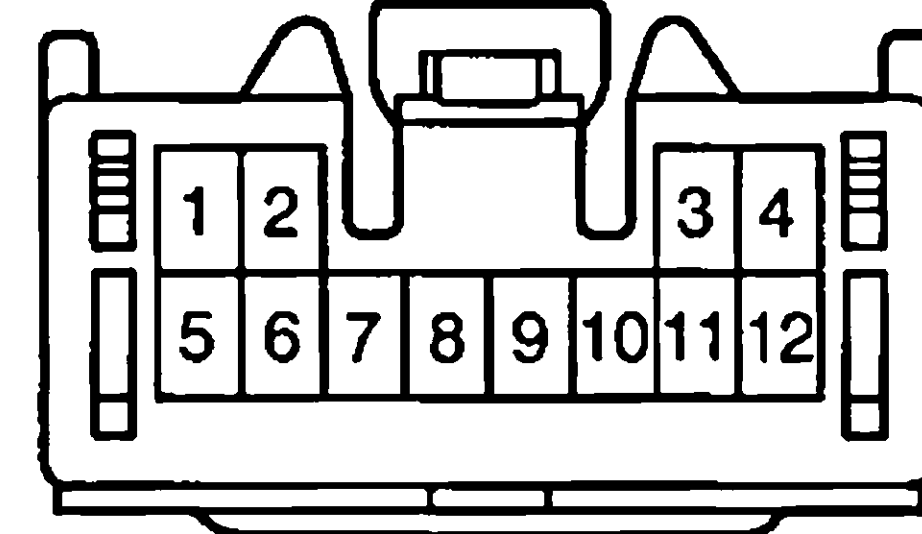
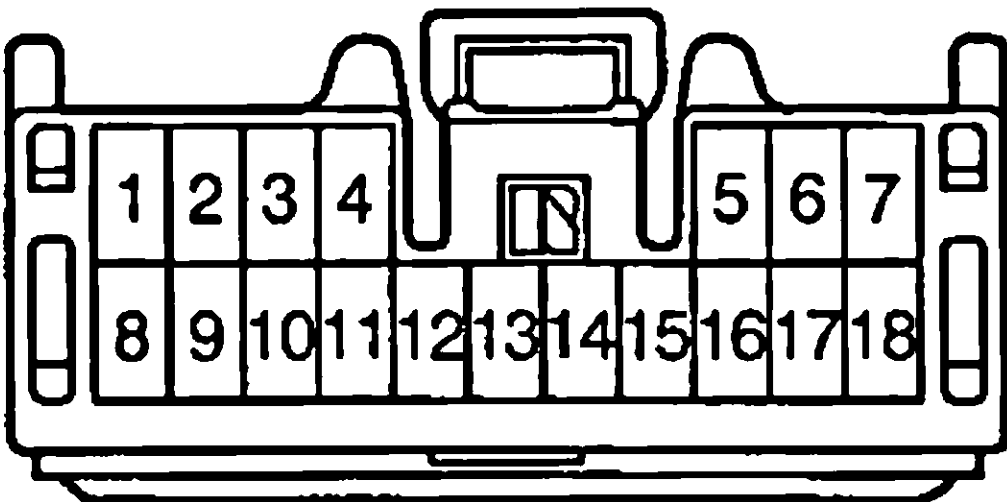
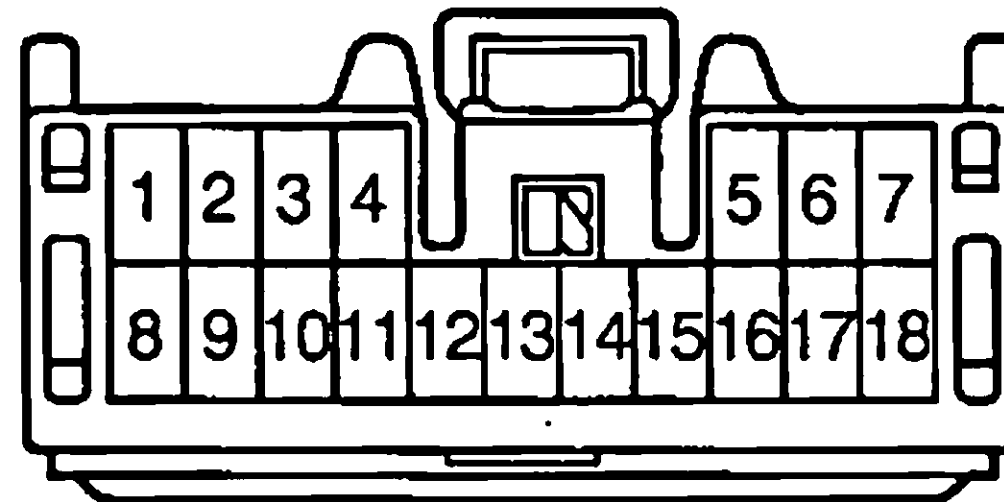
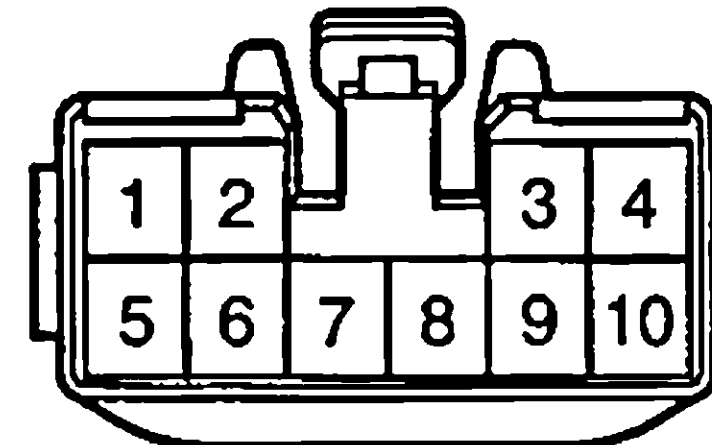
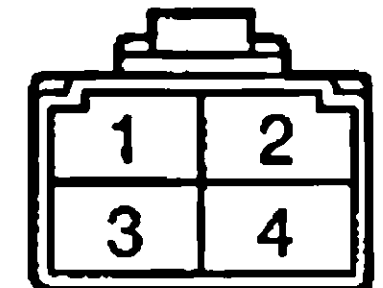
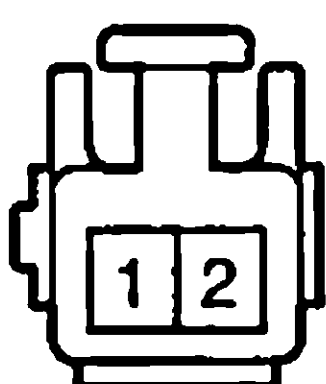
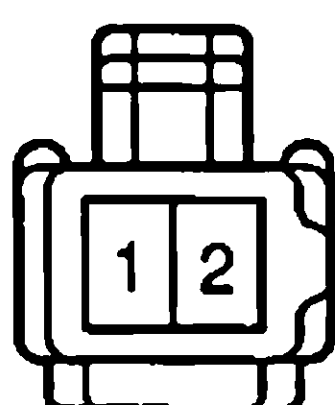
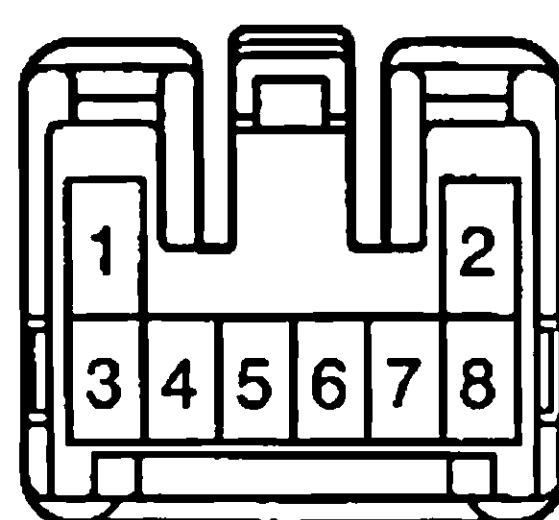
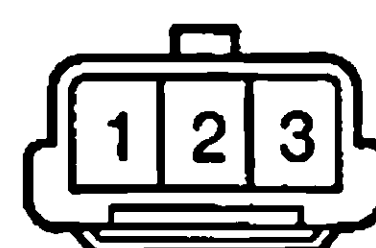
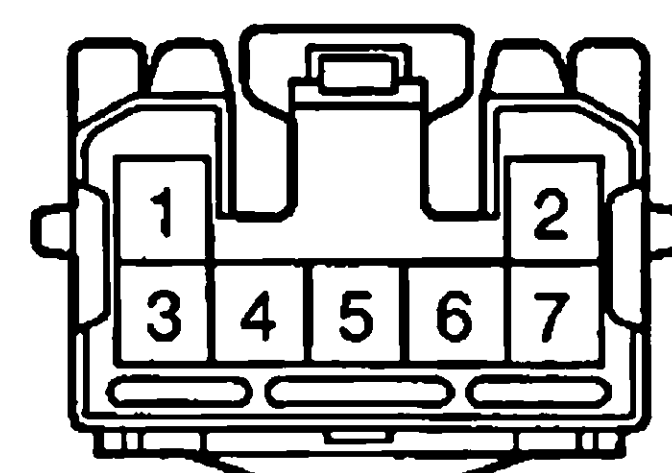
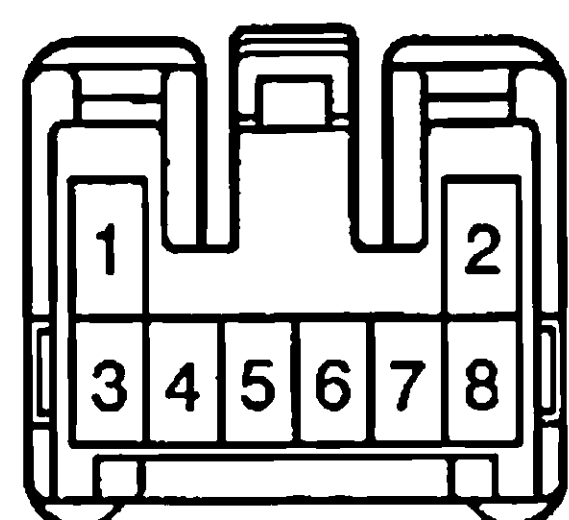
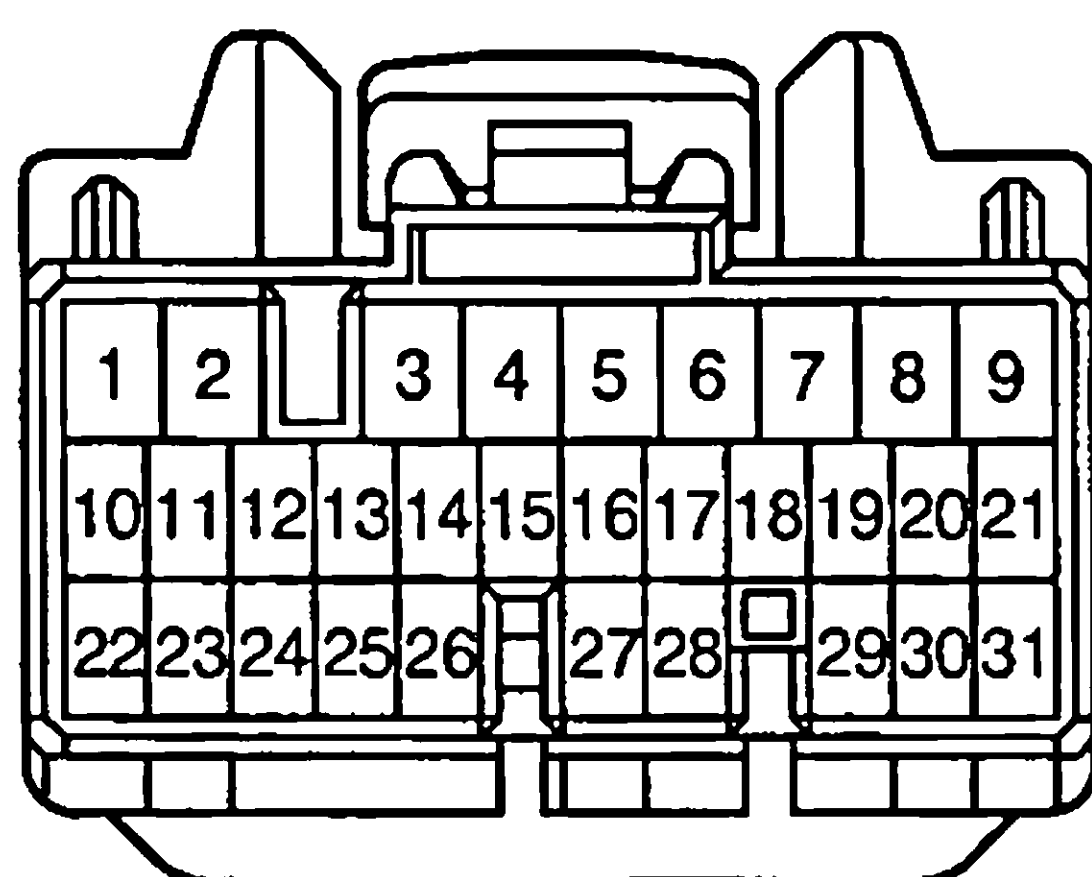
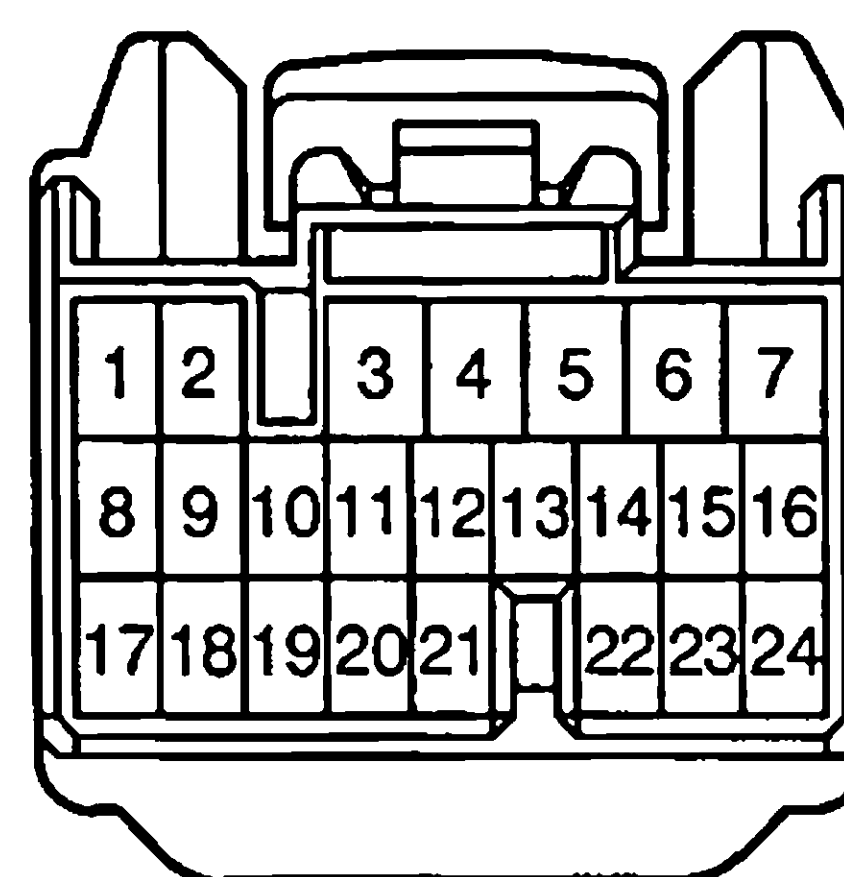
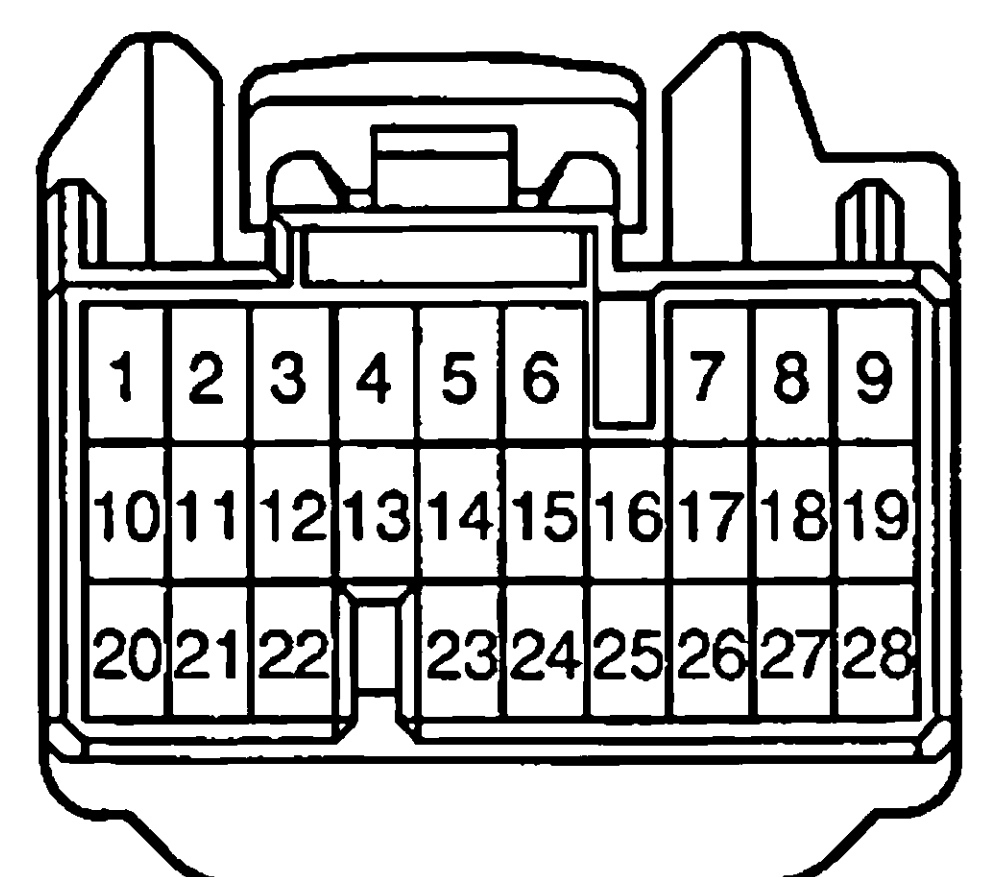
Connector Joining Wire Harness and Wire Harness



Code	Joining Wire Harness and Wire Harness (Connector Location)
Bc1	Floor No.2 Wire and Seat No.2 Wire (Under the Front Passenger's Seat)
Bd1	Floor Wire and Seat No.1 Wire (Under the Driver's Seat)

F CONNECTOR LIST

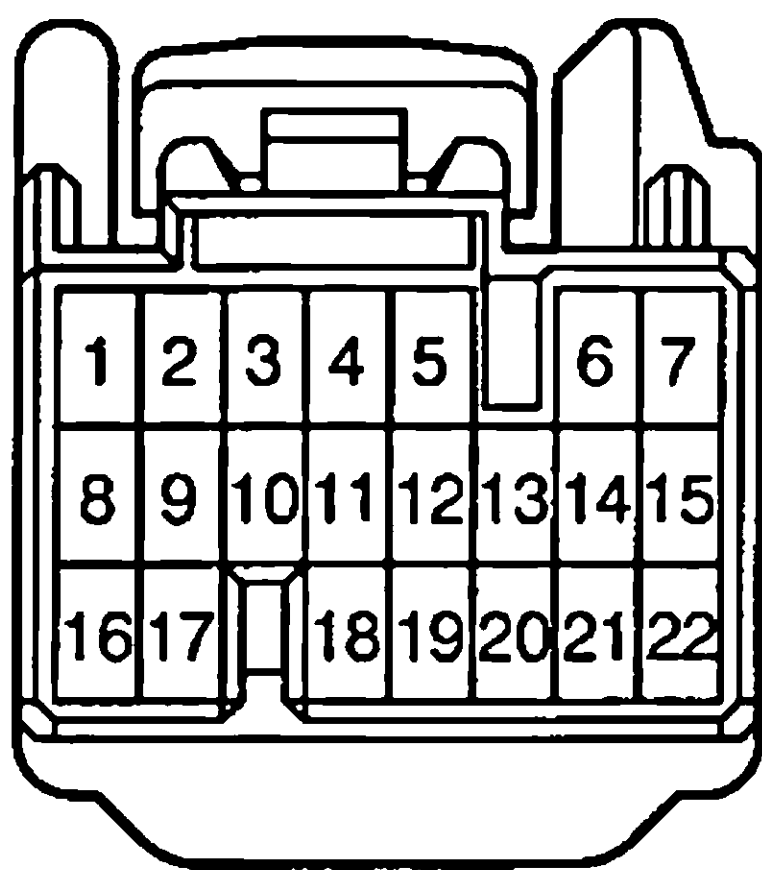


A32
GRAY**A33**
BLACK**A34**
BLACK**A35**
BLACK**A36**
GRAY**A37**
BLACK**A38**
BLACK**A39**
GRAY**A40**
(LHD)**A40**
(RHD) ORANGE**A41**
(LHD)**A41**
(RHD) ORANGE**A42**
(LHD)**A42**
(RHD) ORANGE**A43****A44**
BLACK**A45****A46**
BLACK**A47**
(LHD)**A47**
(RHD)**A48**
GRAY**A49****A50****A51****A52**

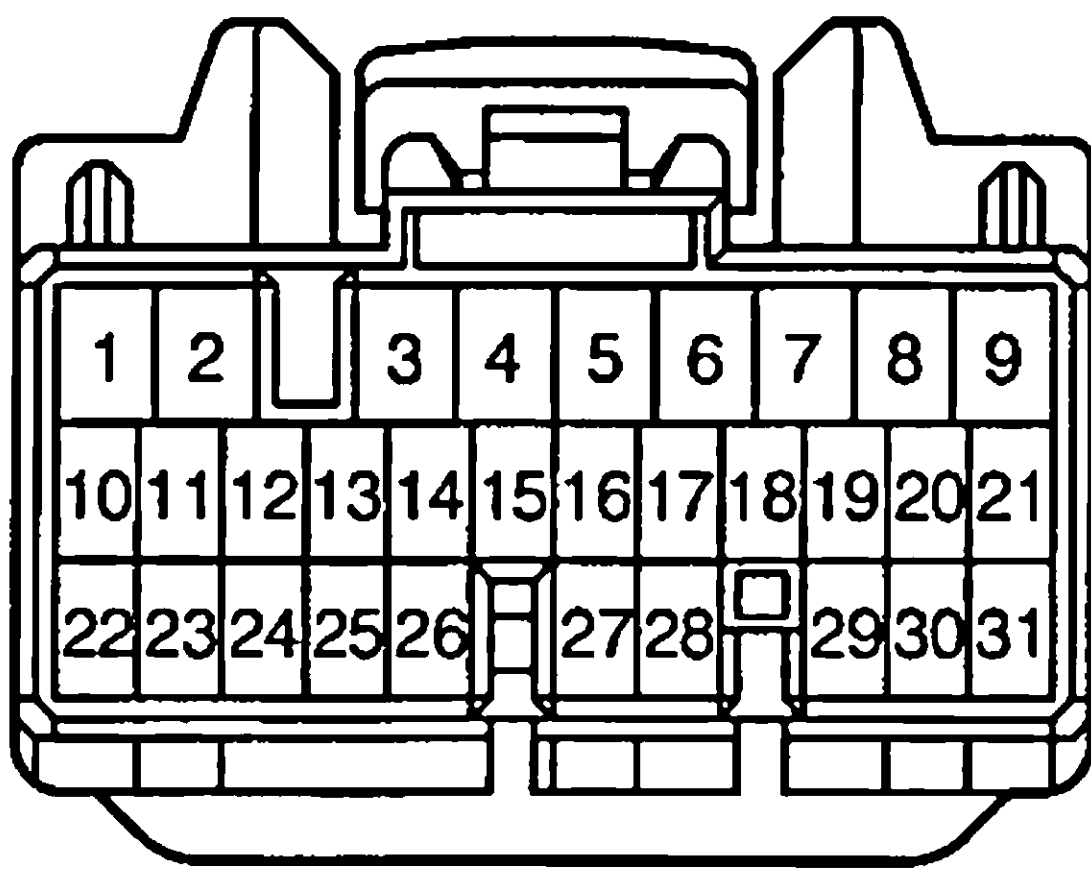
F CONNECTOR LIST

* 1 : LHD Except China G.C.C.
* 2 : China

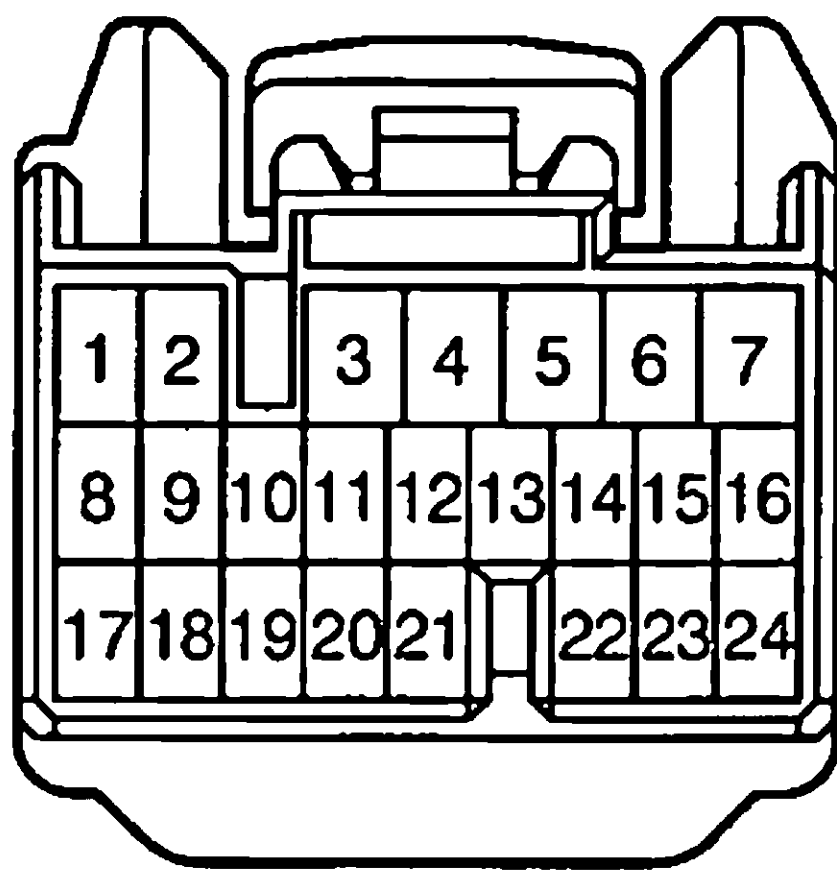
A53



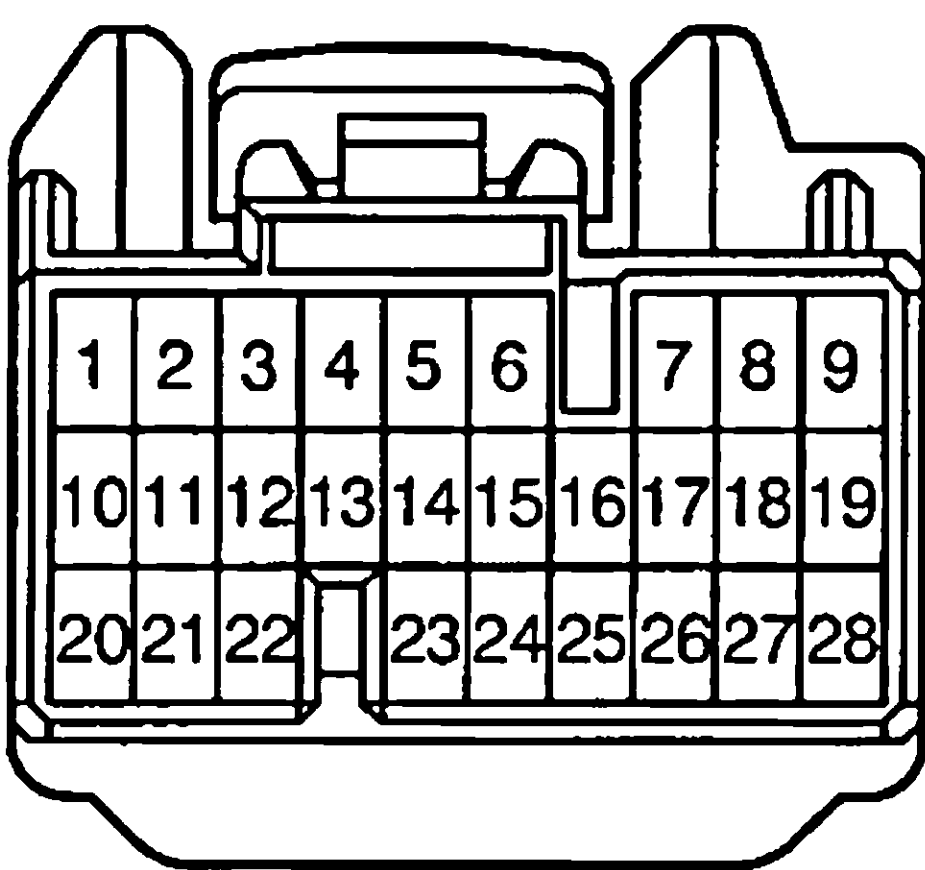
A54



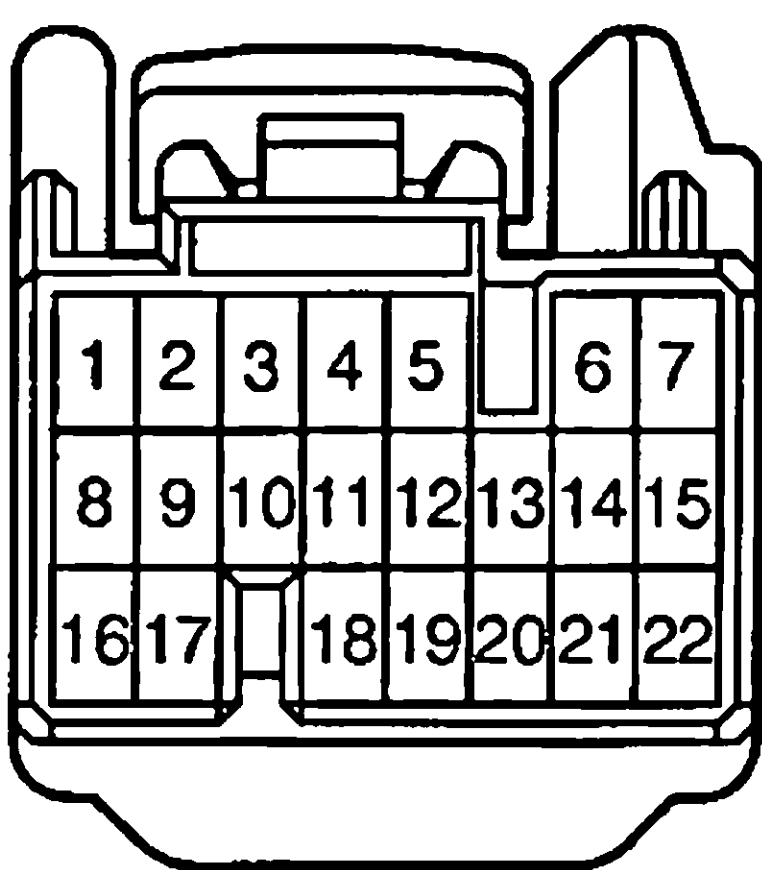
A55



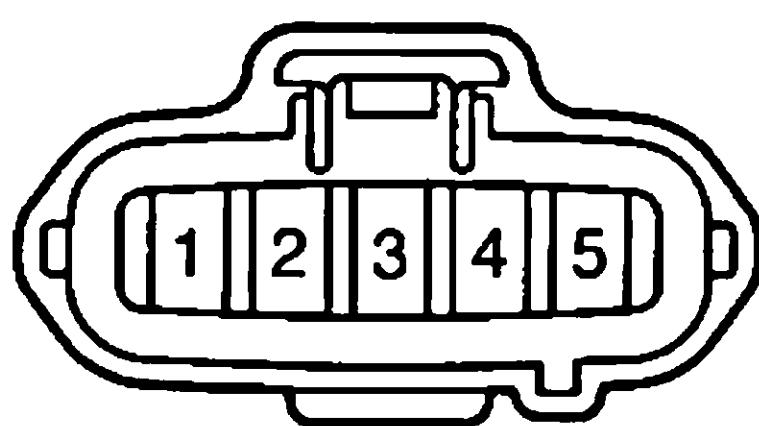
A56



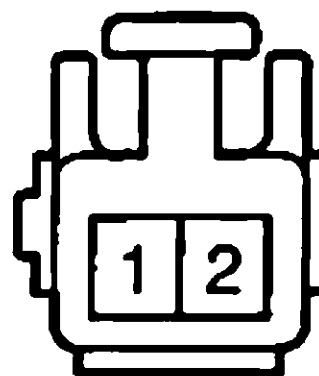
A57



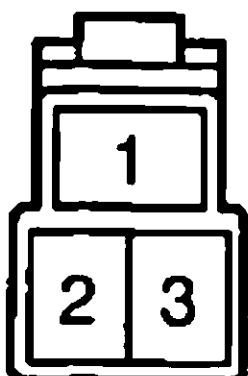
A58
DARK GRAY



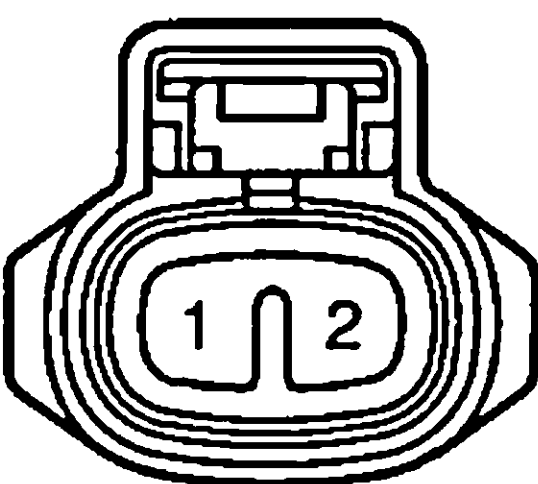
A59



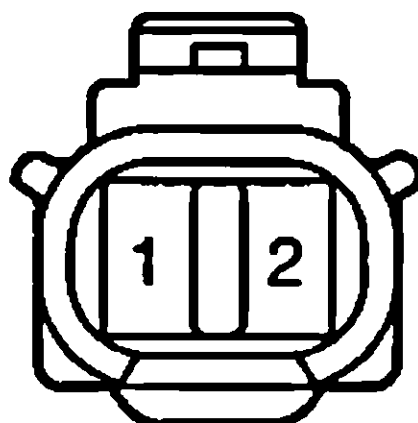
A60



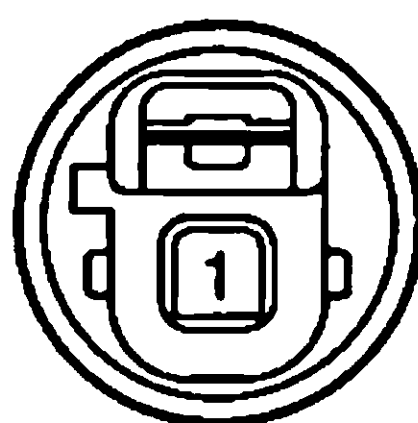
B1
GRAY



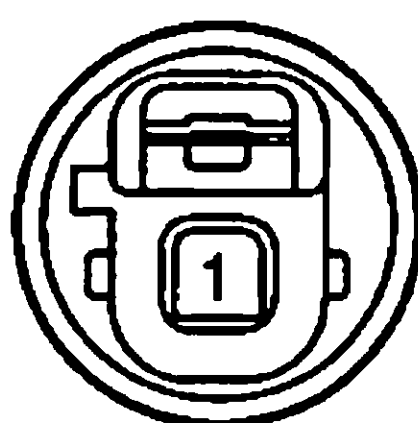
B2
GRAY



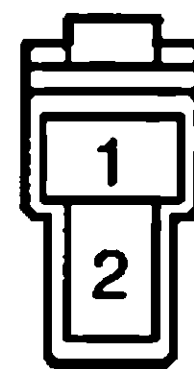
B3
(LHD) BLACK



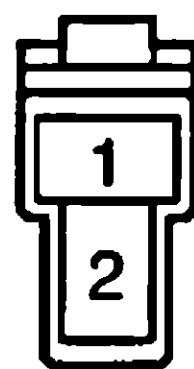
B3
(RHD) GRAY



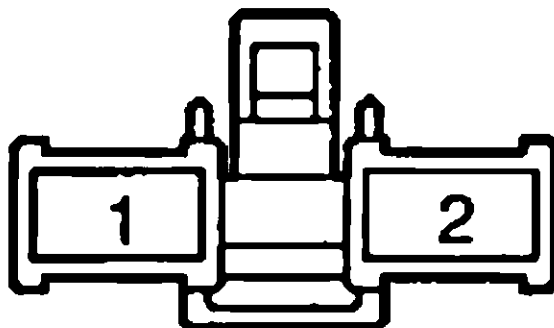
B4
(* 1) BLACK



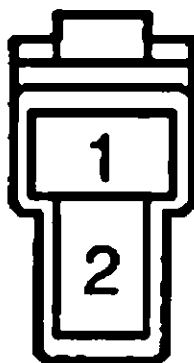
B4
(* 2) GRAY



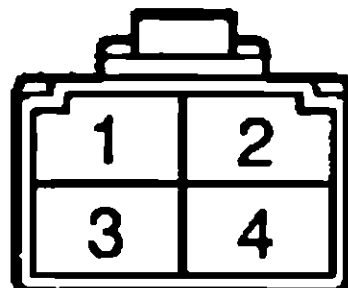
B4
(G.C.C.) BLACK



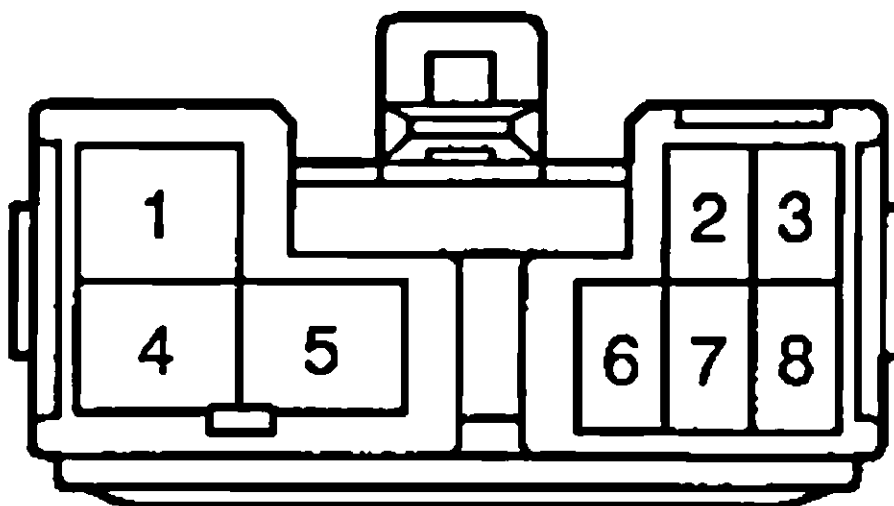
B4
(RHD) BLACK



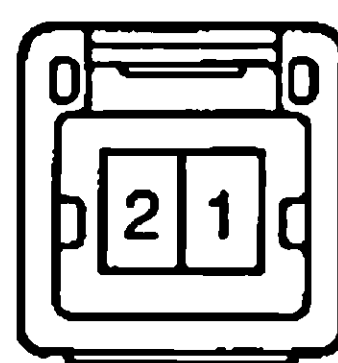
B5



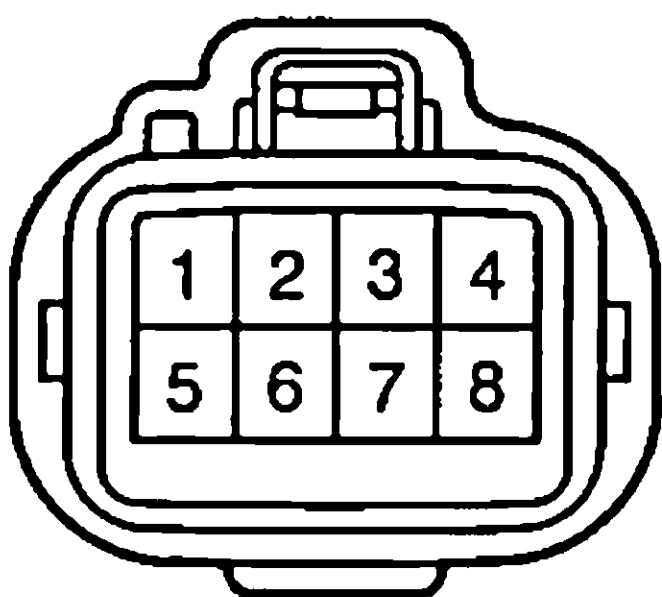
B6



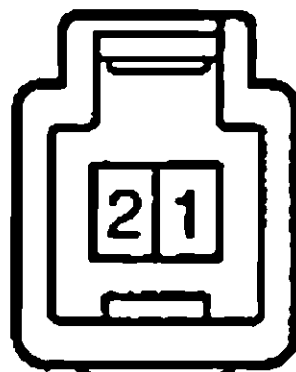
B7



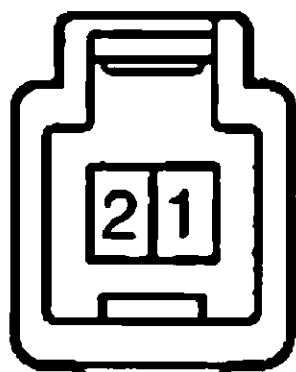
B8



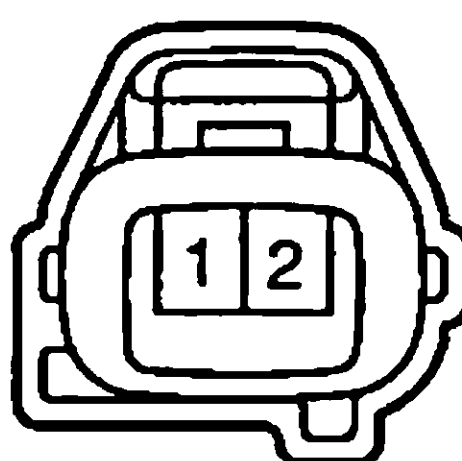
B9



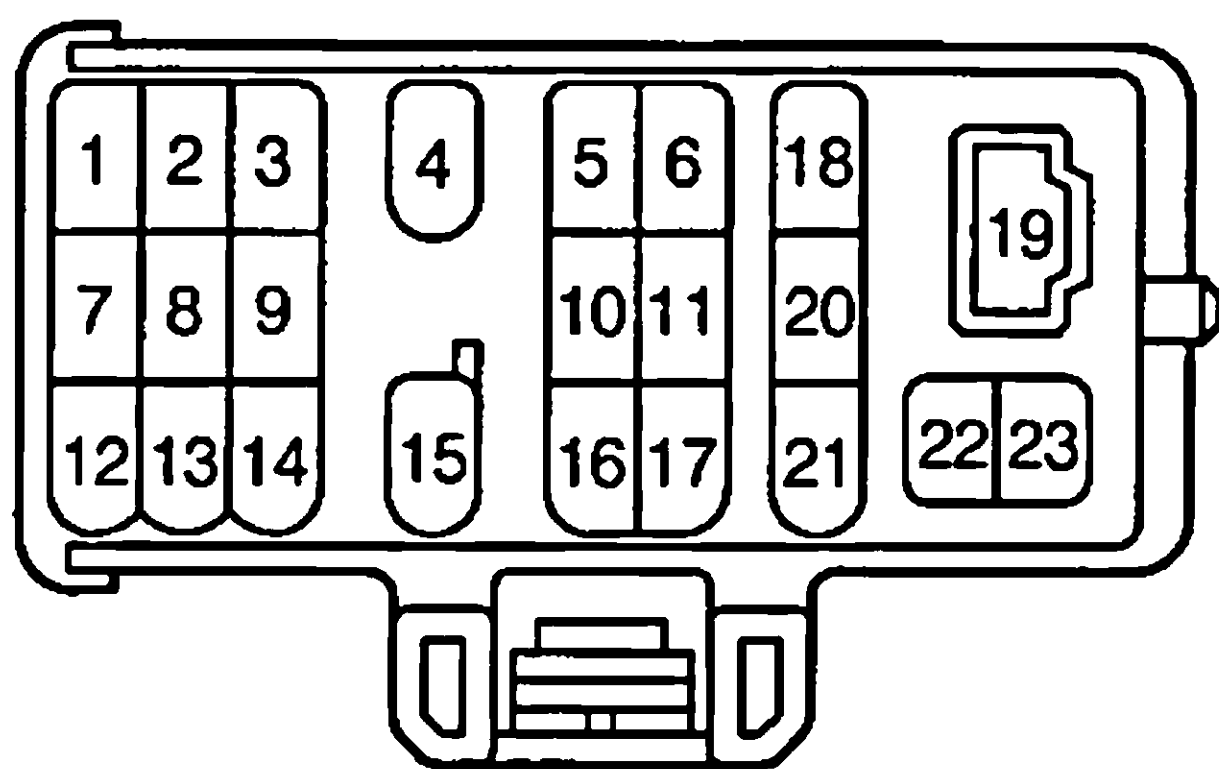
B10



C1
BLACK

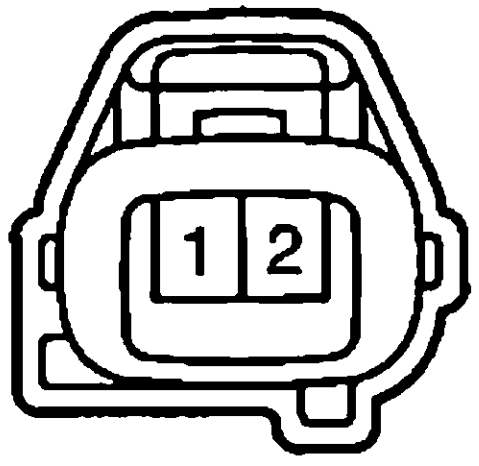


C3
BLACK

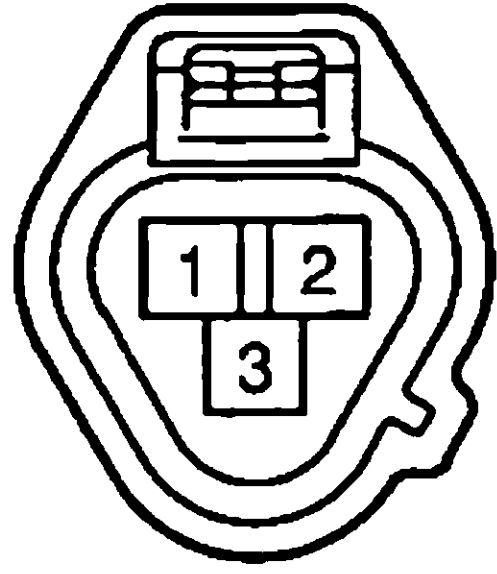


* 3 : RHD Except Europe
* 4 : RHD Europe

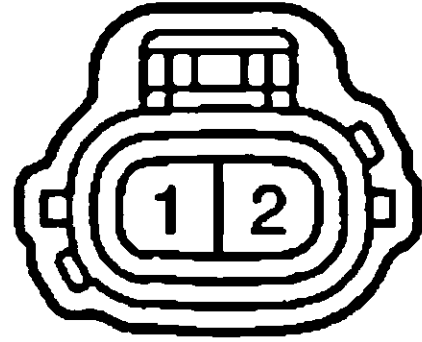
C4
(5VZ-FE) BLACK



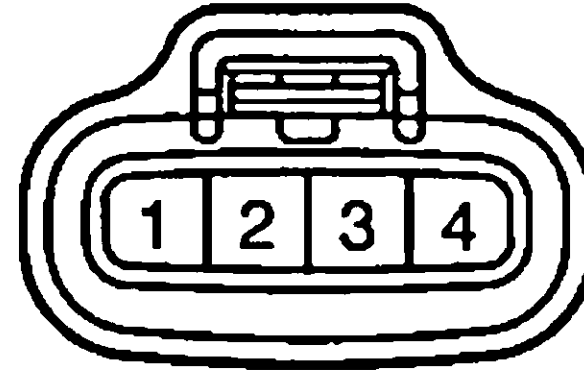
C4
(3RZ-FE) GRAY



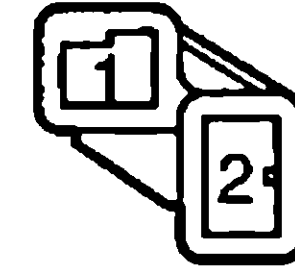
C4
(1KZ-TE) BLACK



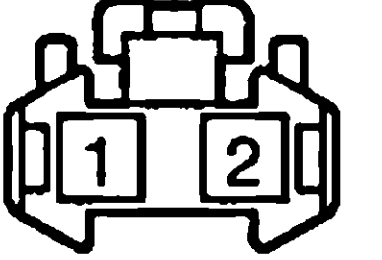
C5
BLACK



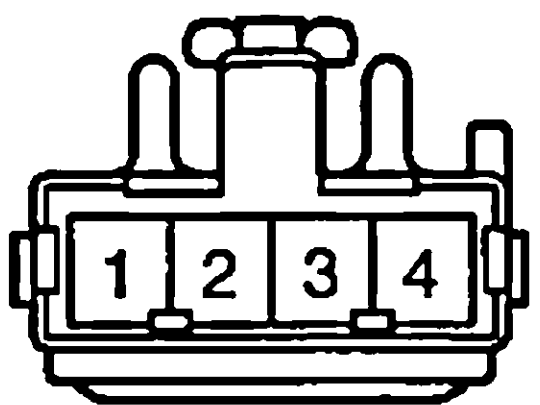
C6



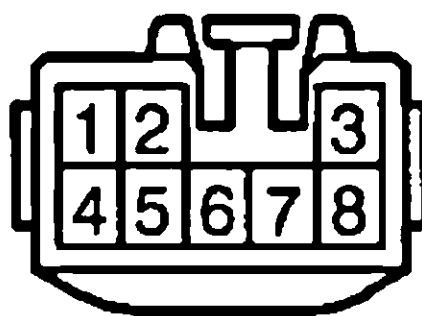
C7
GRAY



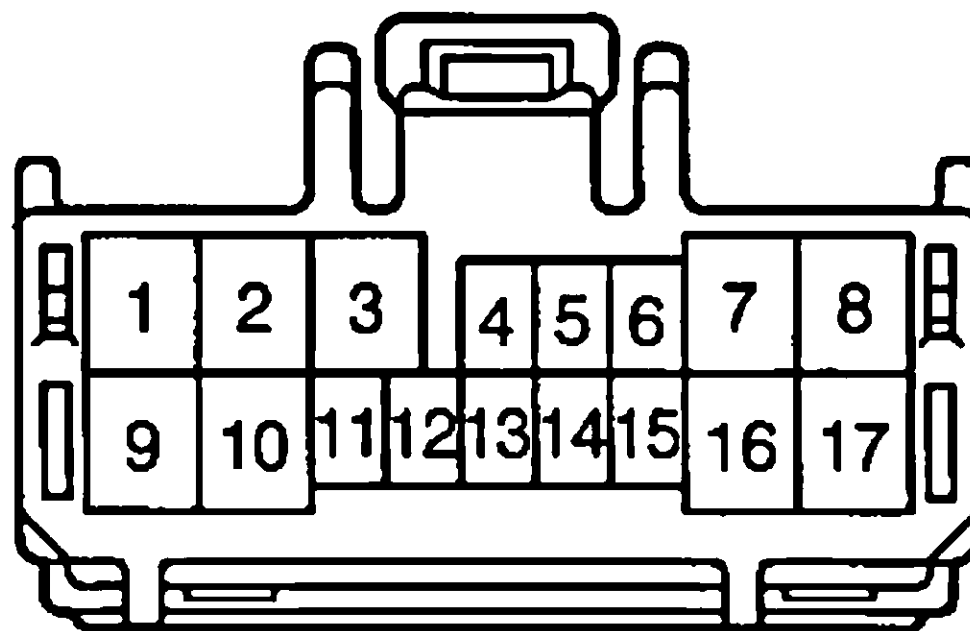
C9



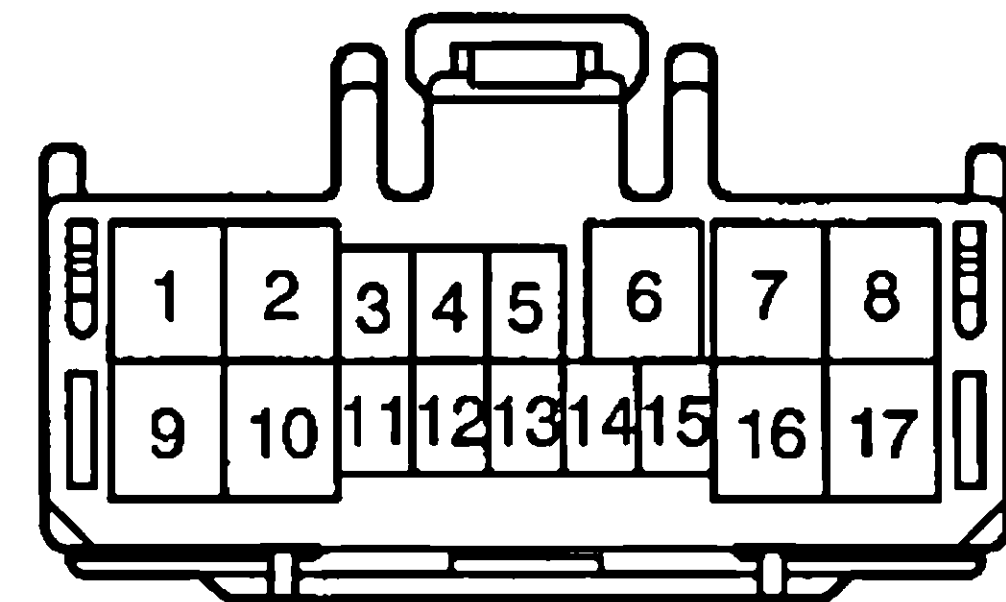
C10
DARK GRAY



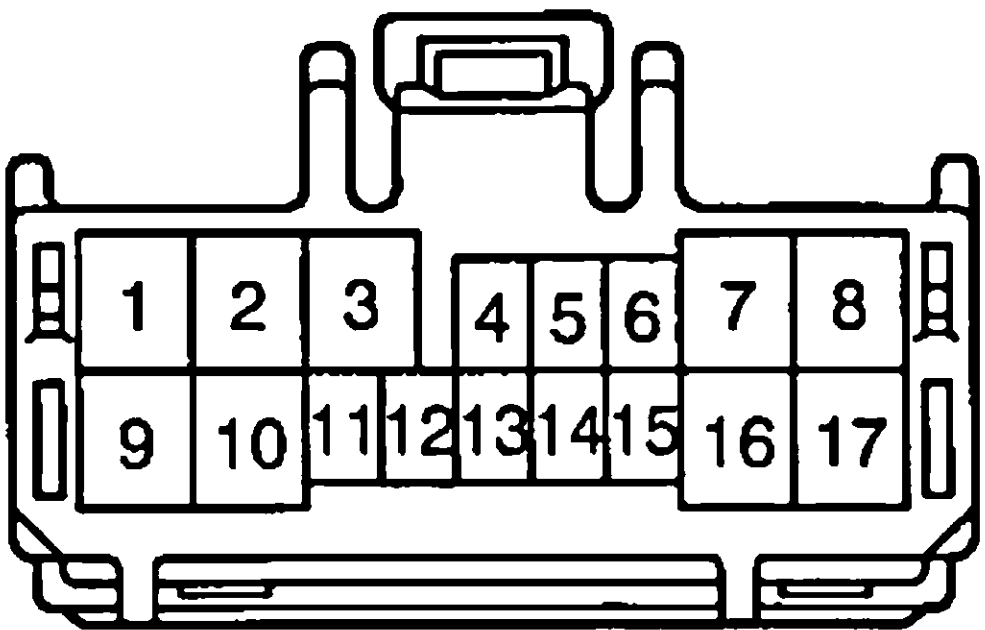
C15
(LHD)



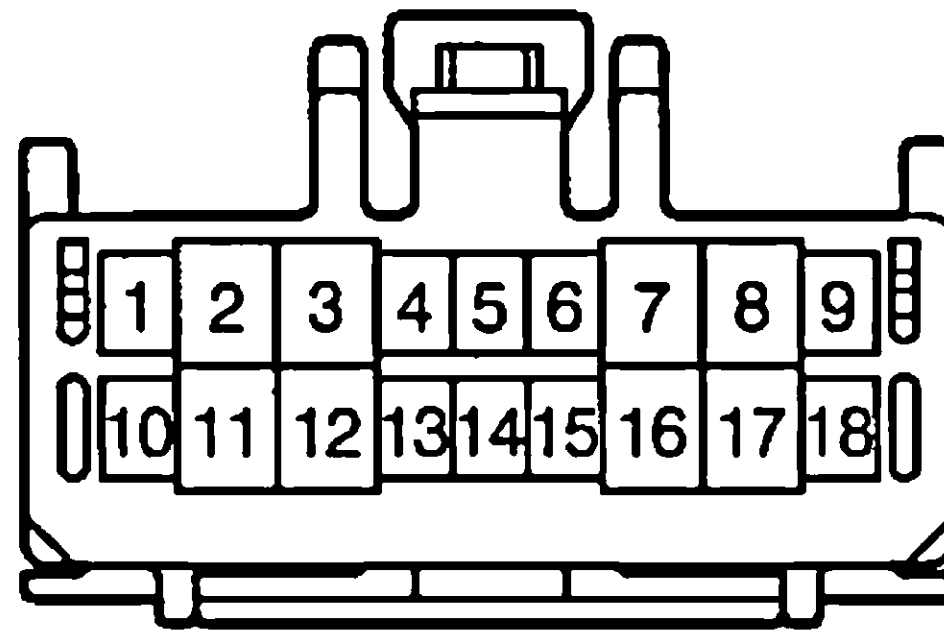
C15
(* 3)



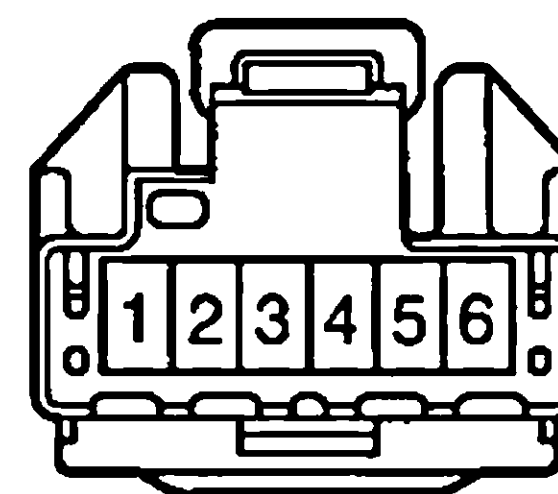
C15
(* 4)



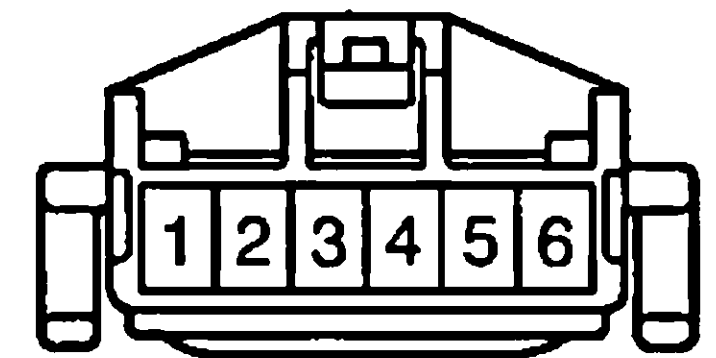
C16
BLACK



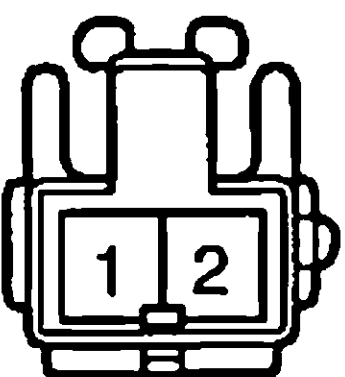
C17
(w/ SRS) BLACK



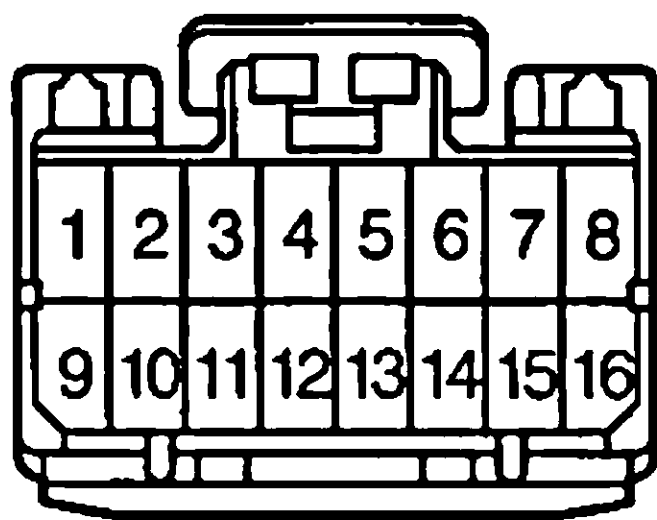
C17
(w/o SRS) BLACK



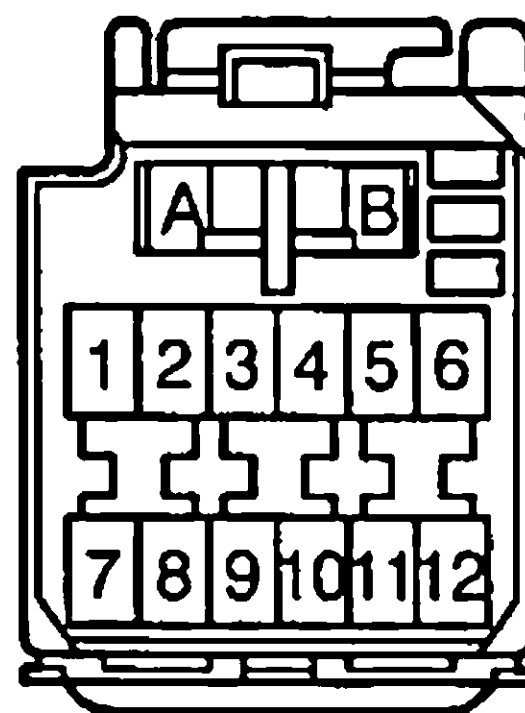
C18



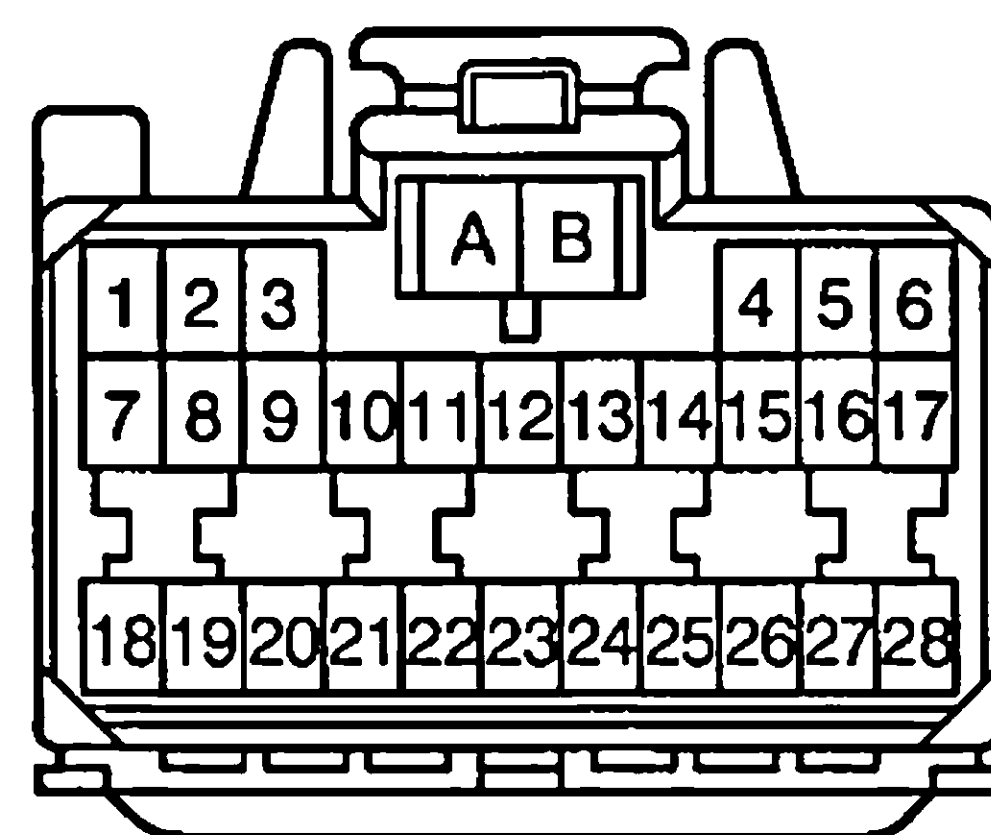
C19



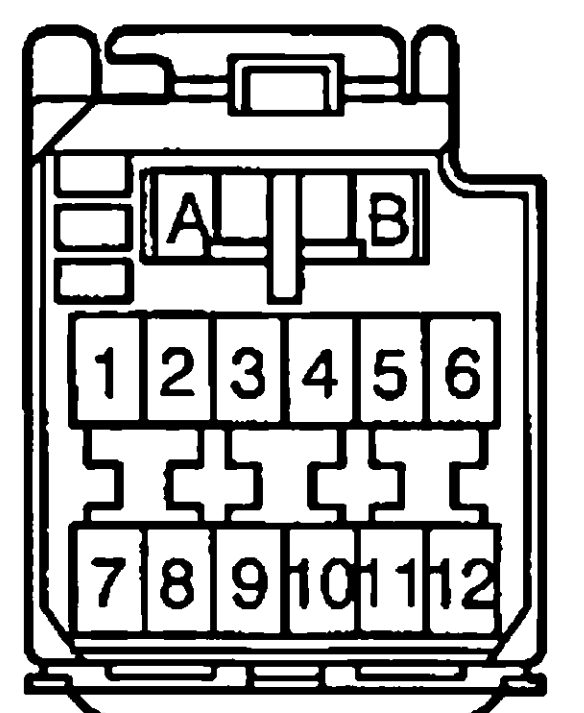
C20
YELLOW



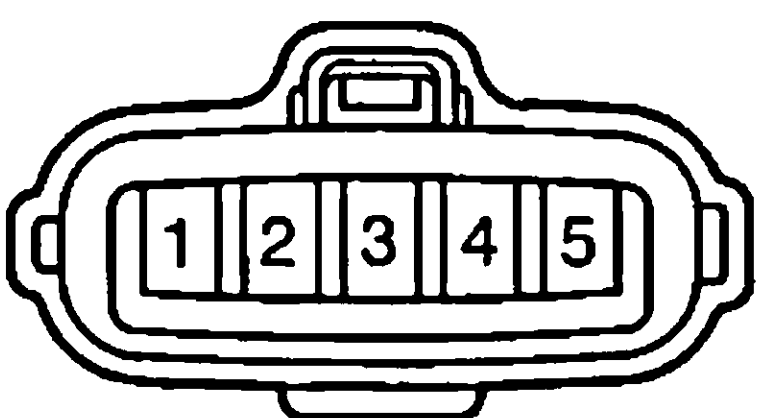
C21
YELLOW



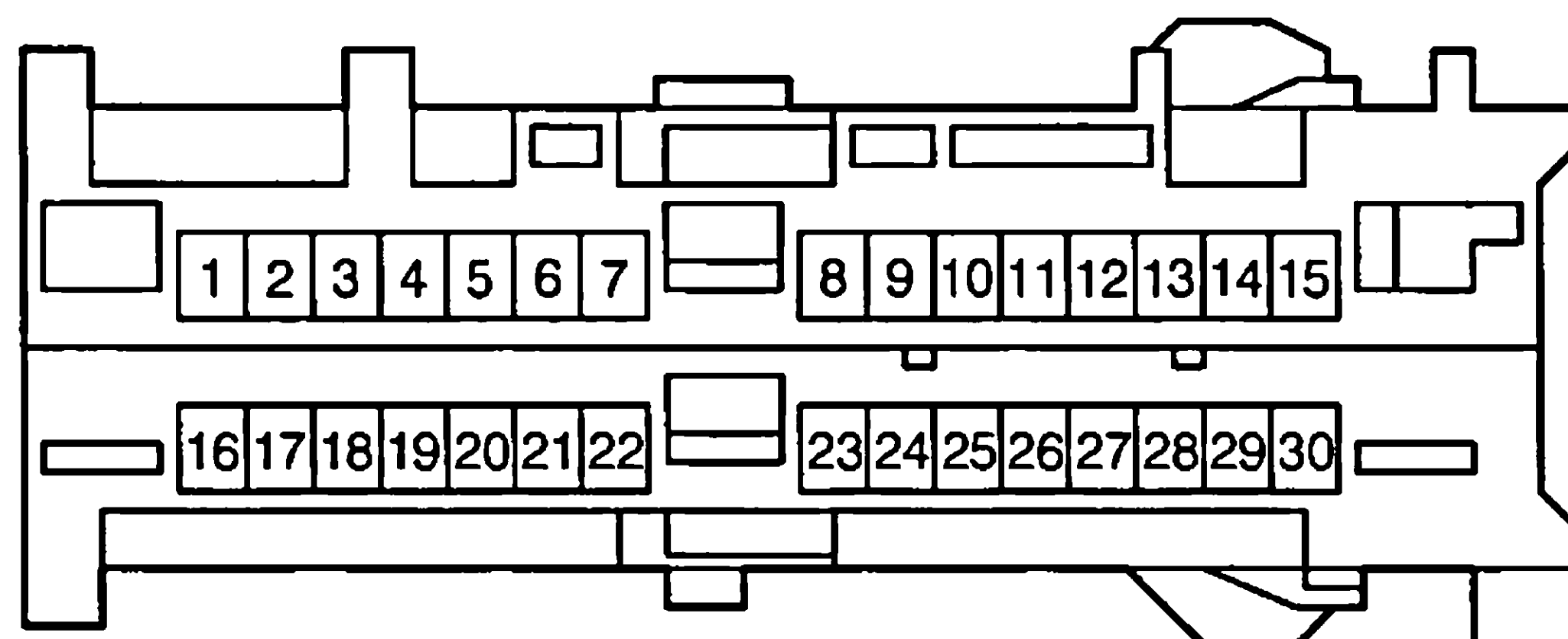
C22
YELLOW



C23
BLACK



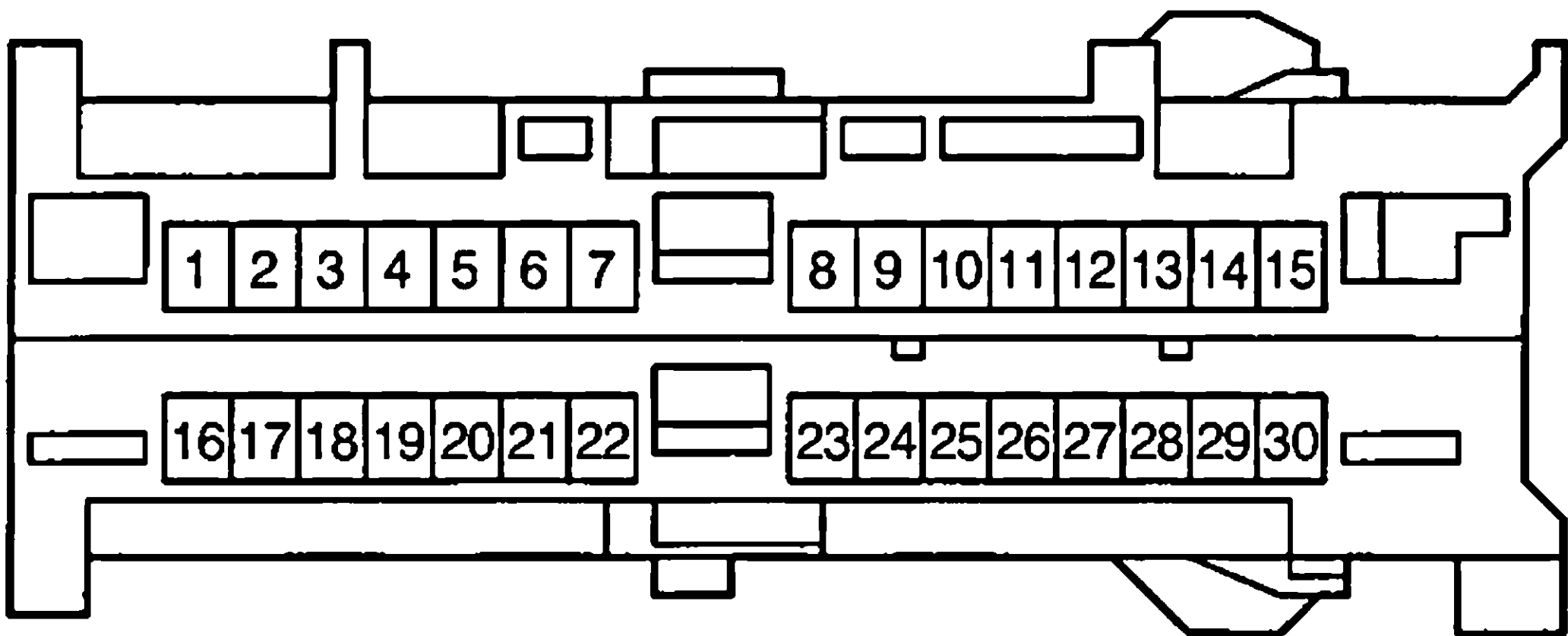
C24
BLUE



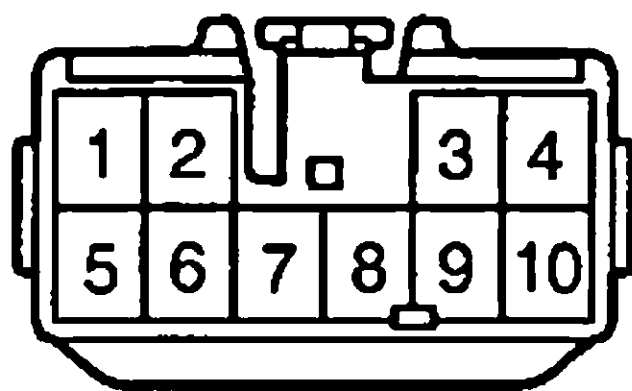
F CONNECTOR LIST

* 5 : Except 1KZ-TE Australia
* 6 : 1KZ-TE Australia

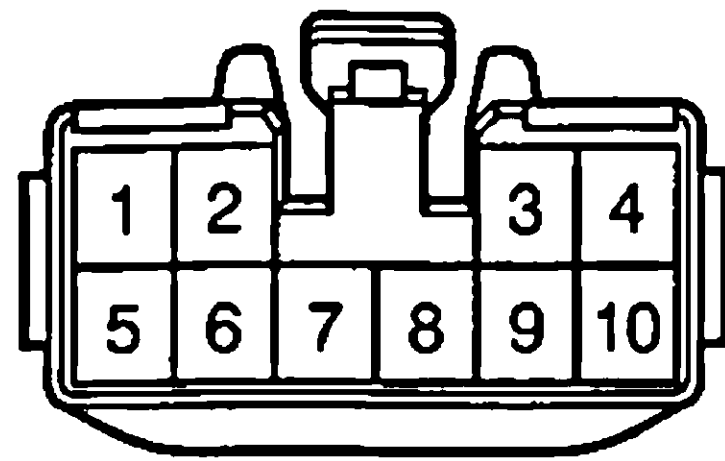
C25



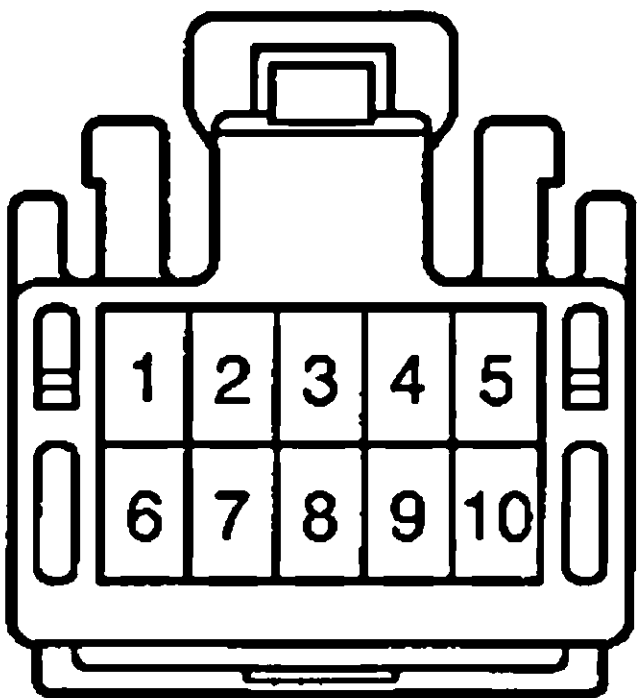
C26



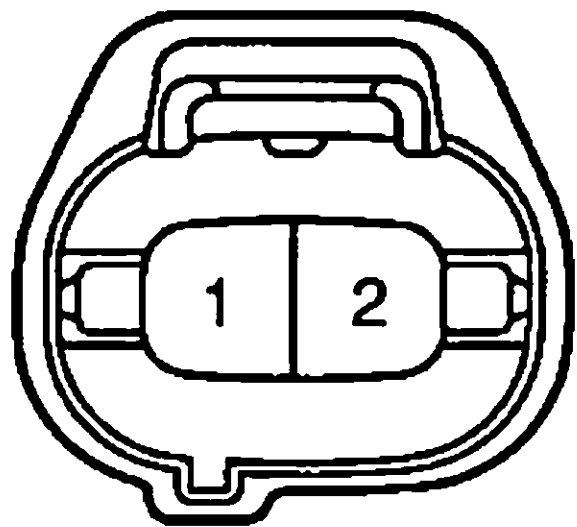
C27



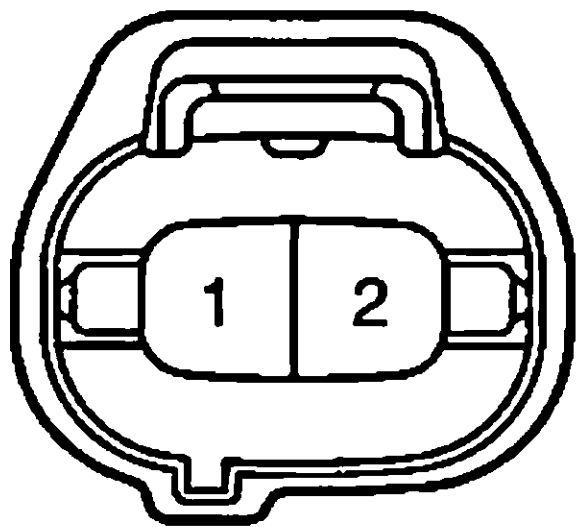
C28



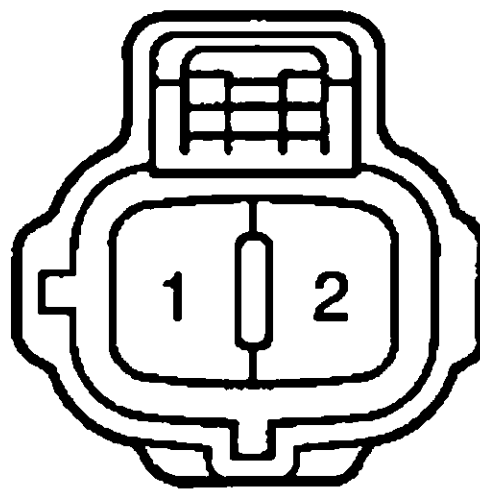
D1
BLUE



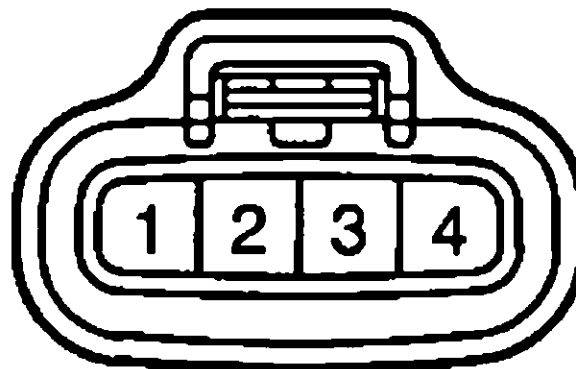
D2
BLUE



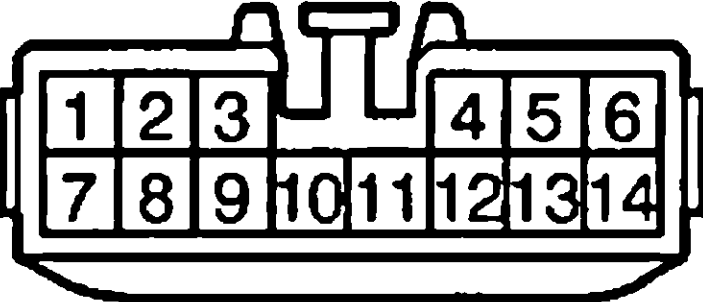
D3
GRAY



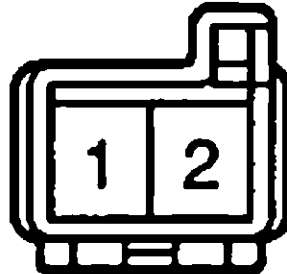
D4
BLACK



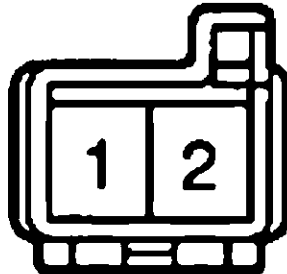
D5
BLUE



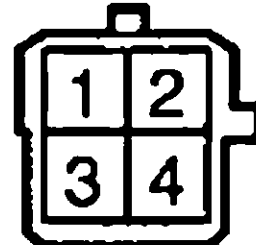
D7
BLACK



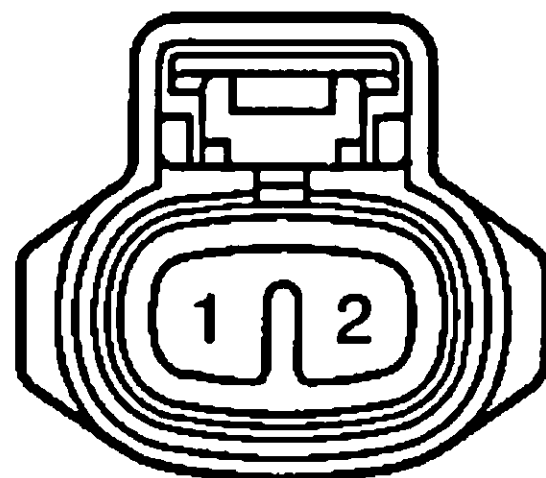
D8
BLACK



D10



D11
GRAY



D12



D13



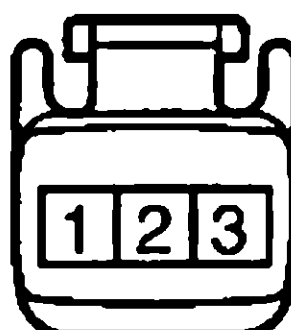
D14



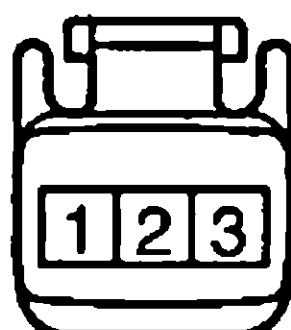
D15



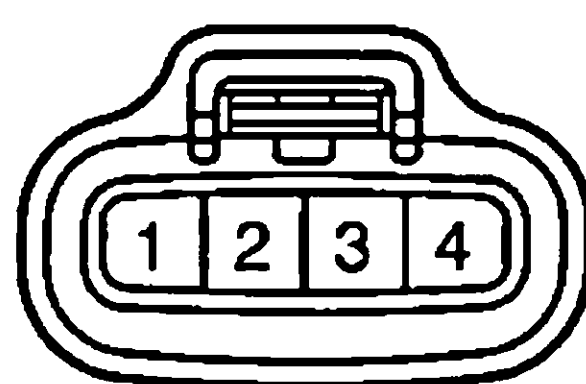
D16



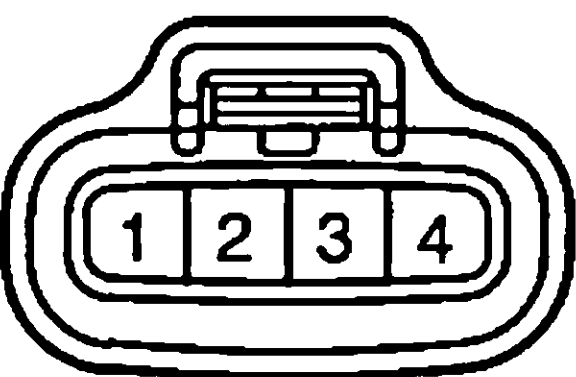
D17



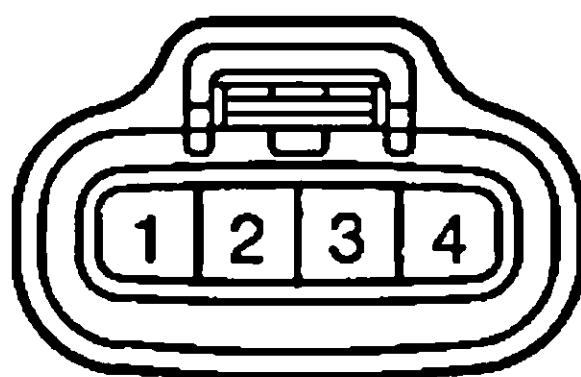
D18
BLACK



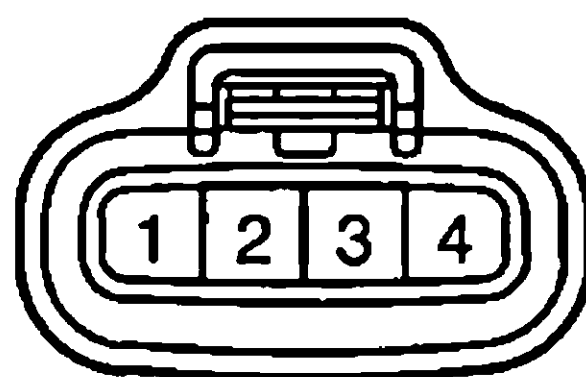
D19
BLACK



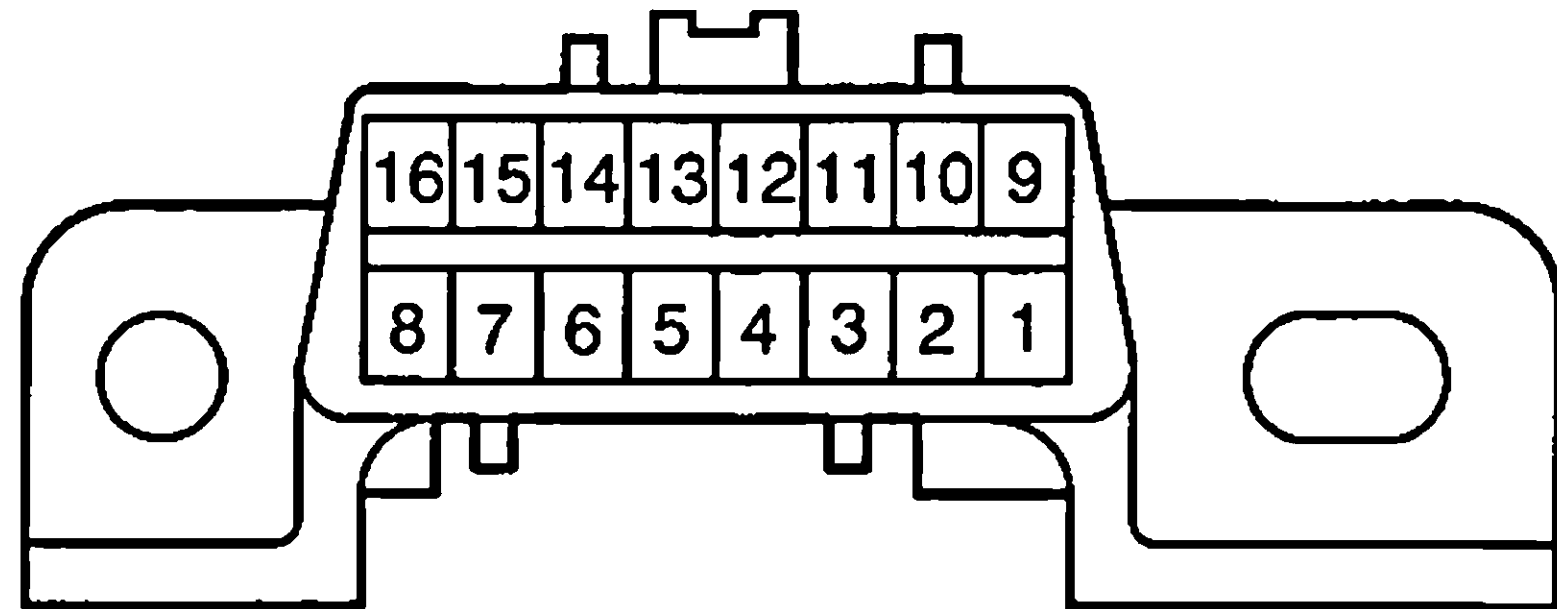
D20
BLACK



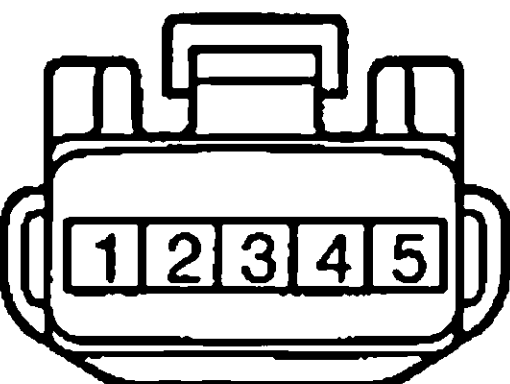
D21
BLACK



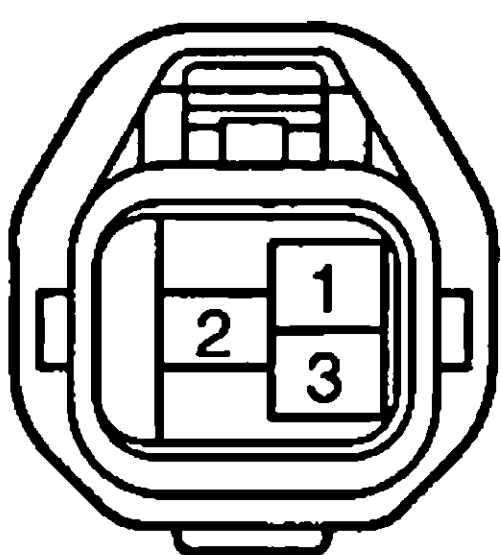
D22
BLACK



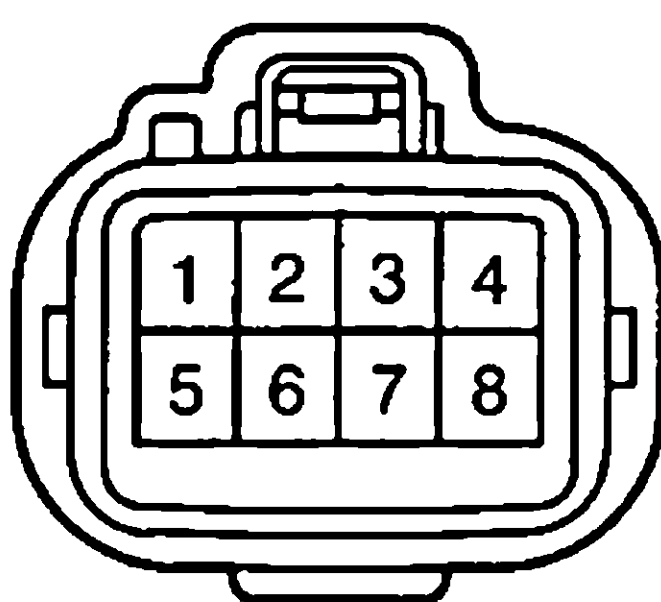
D23
BLACK



E1
(* 5) BLACK



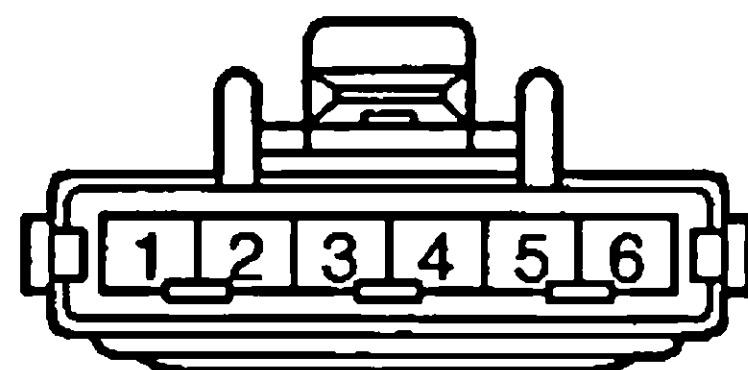
E1
(* 6) GRAY



E2

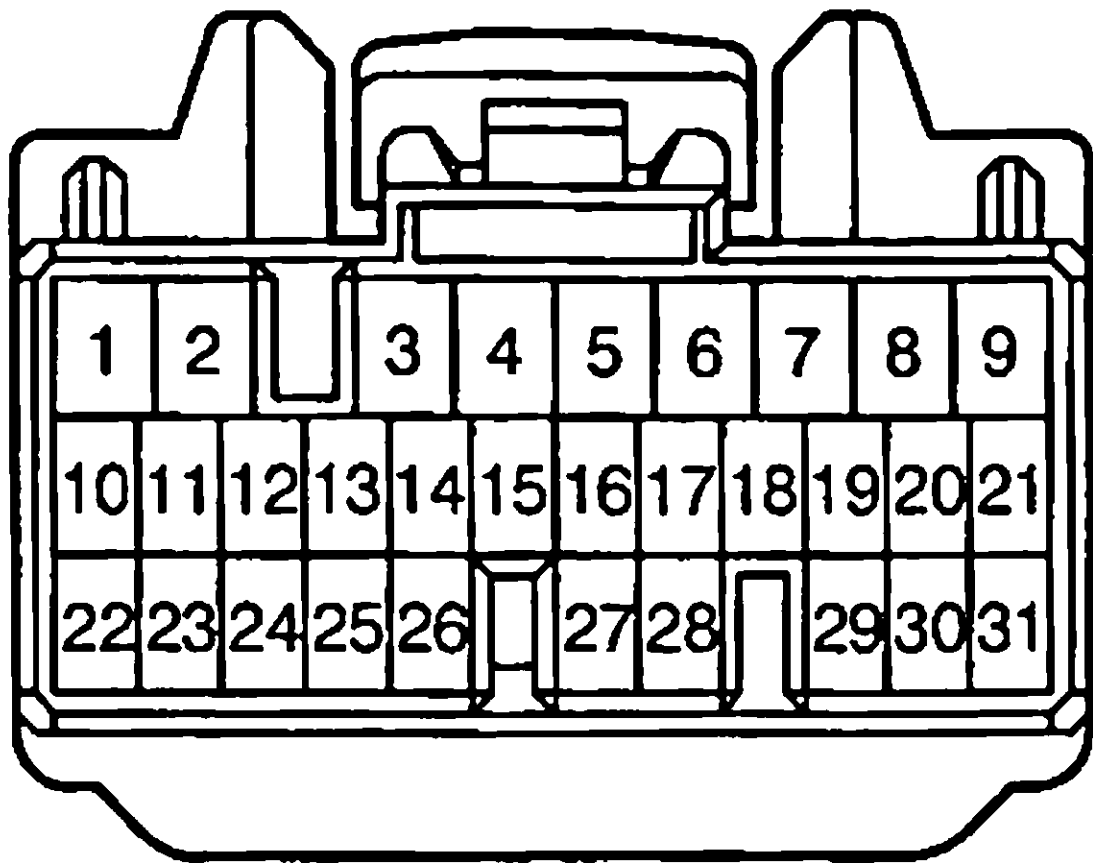


E3
BLACK

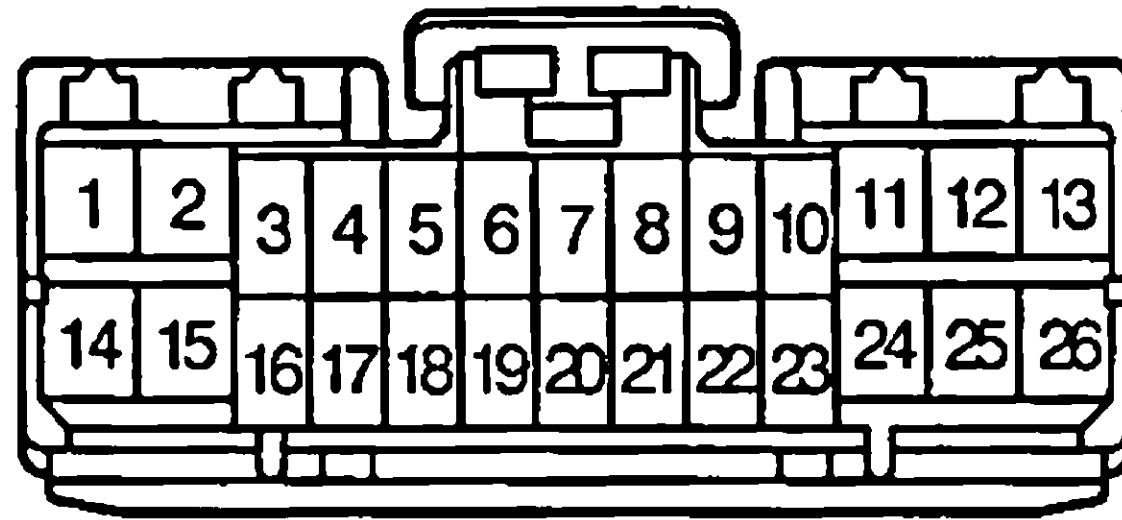


* 6 : 1KZ-TE Australia * 8 : 3RZ-FE Leaded Gasoline
 * 7 : 1KZ-TE Except Australia * 9 : 3RZ-FE Unleaded Gasoline

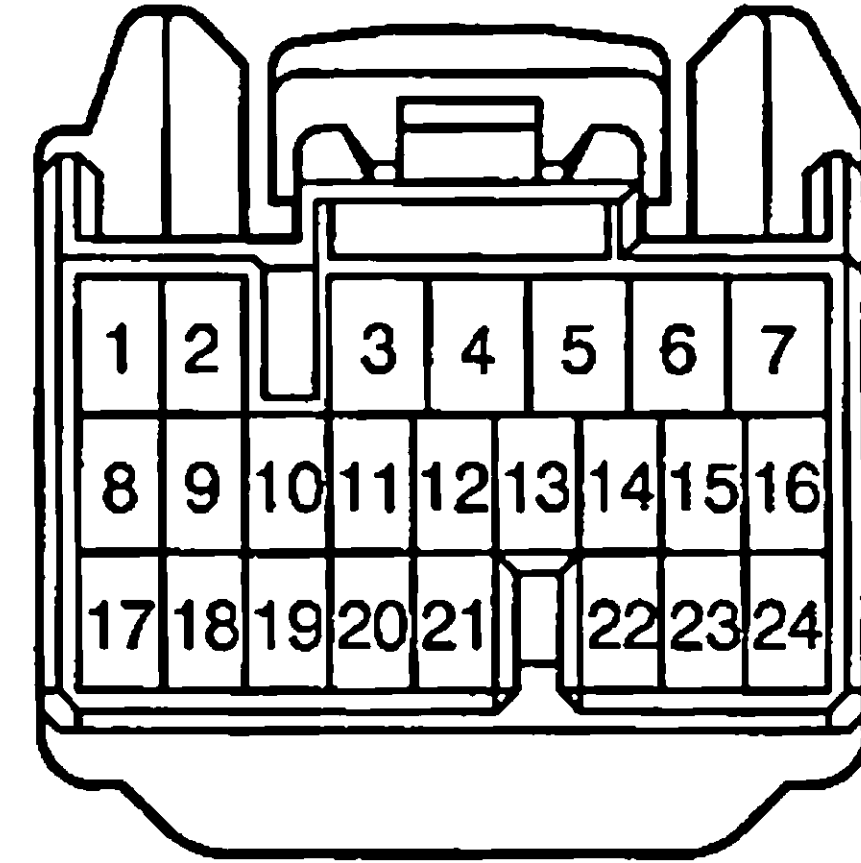
E5
(5VZ-FE, * 6)



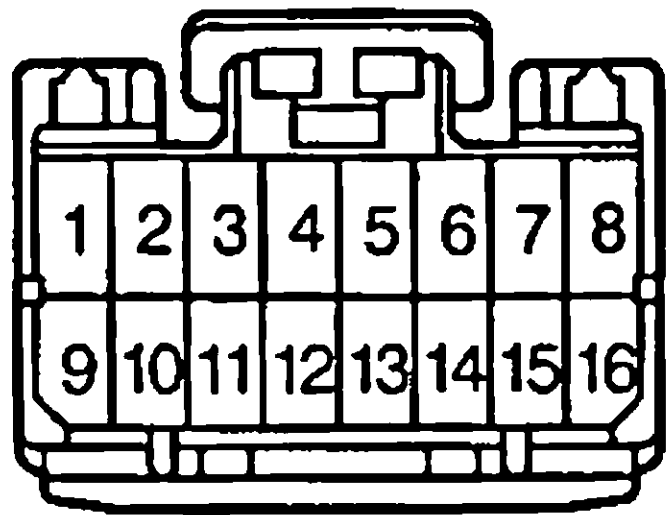
E5
(3RZ-FE, * 7)



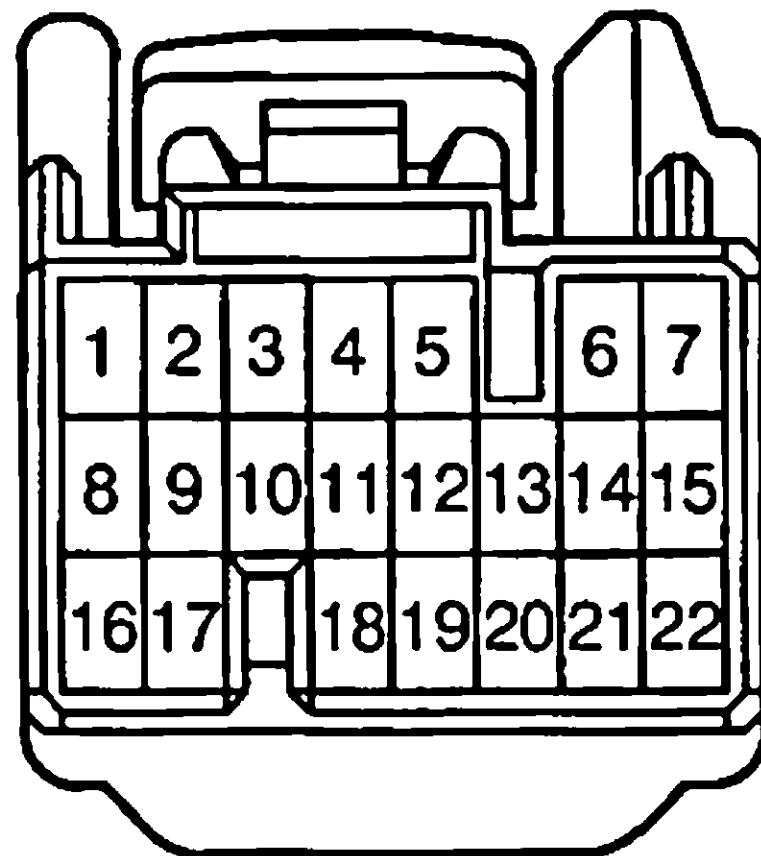
E6
(5VZ-FE, * 6)



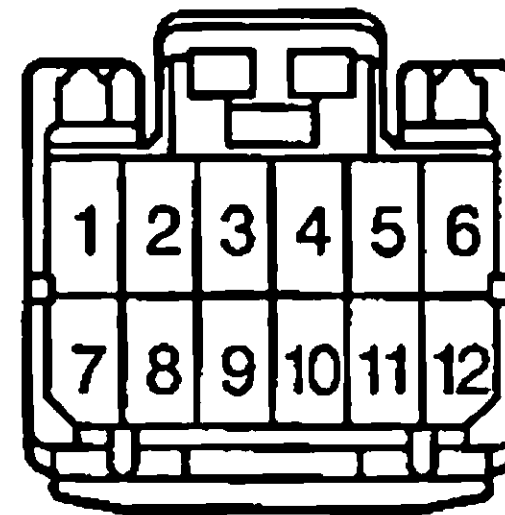
E6
(3RZ-FE, * 7)



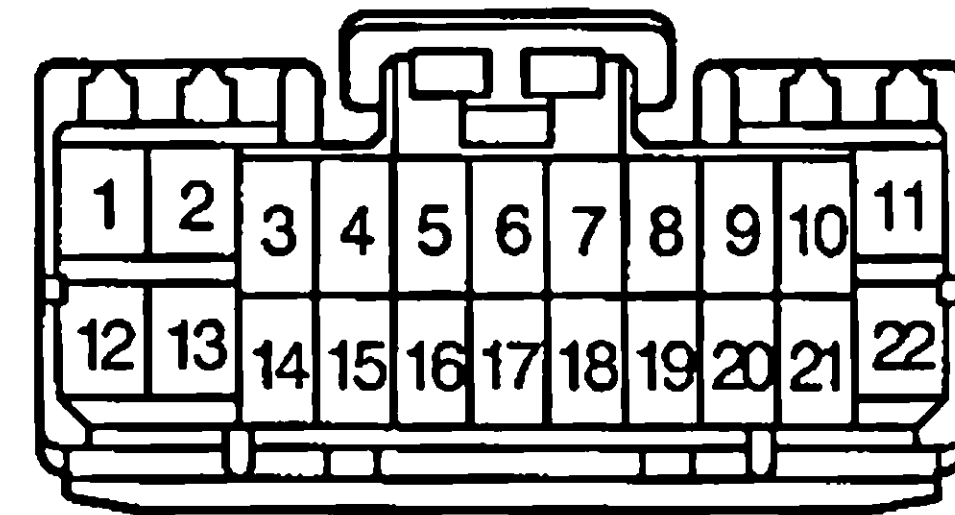
E7
(5VZ-FE, * 6)



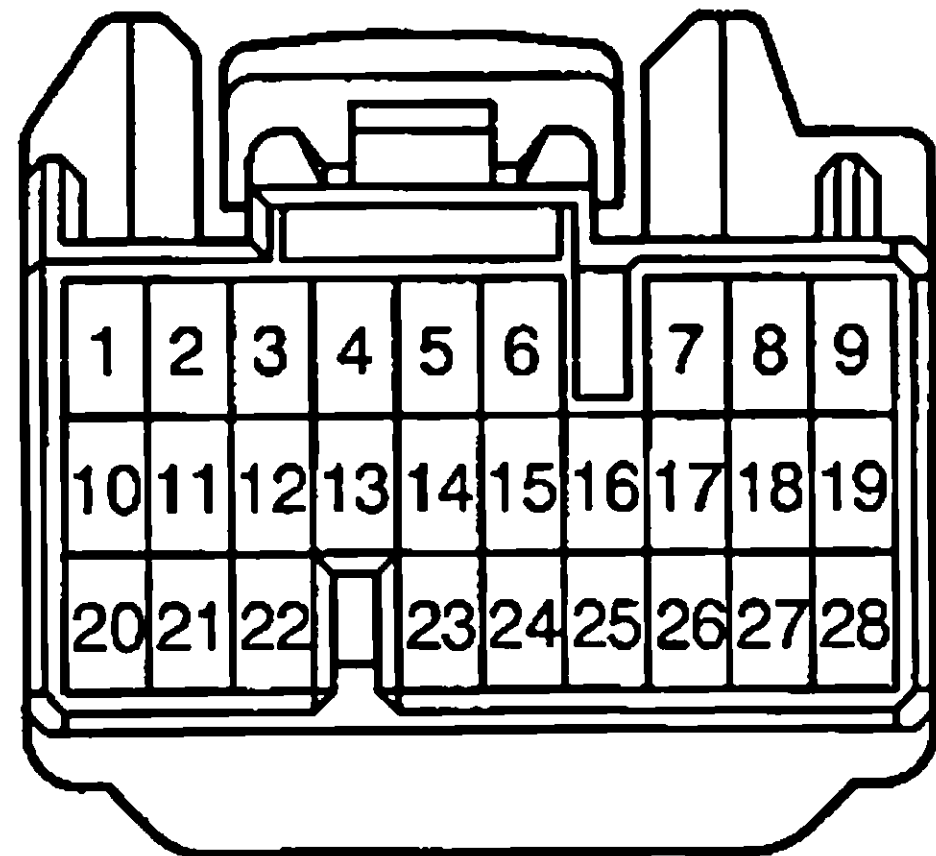
E7
(3RZ-FE)



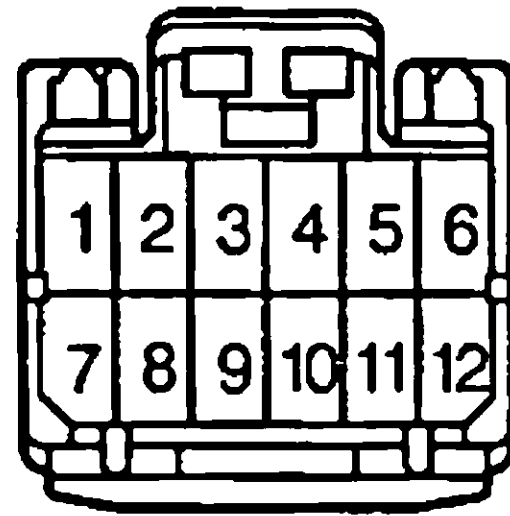
E7
(* 7)



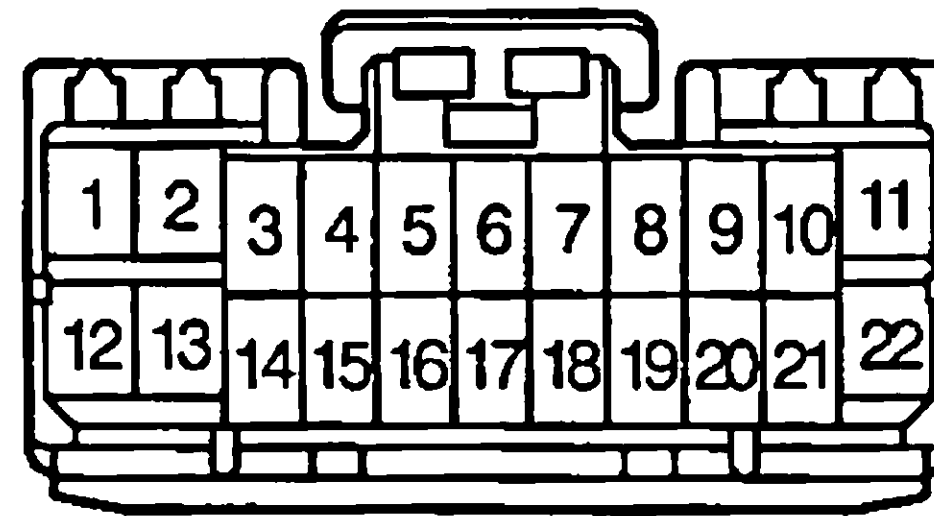
E8
(5VZ-FE, RHD 1KZ-TE)



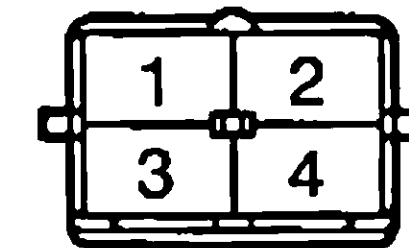
E8
(* 8)



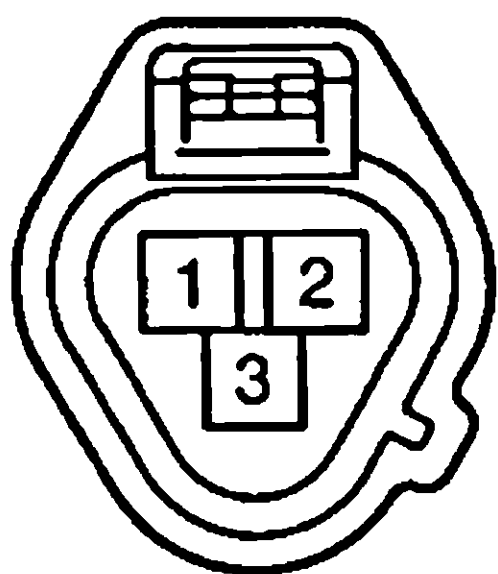
E8
(* 9)



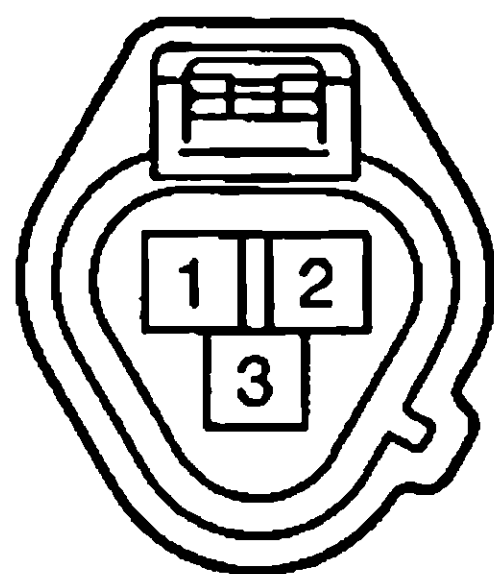
E10



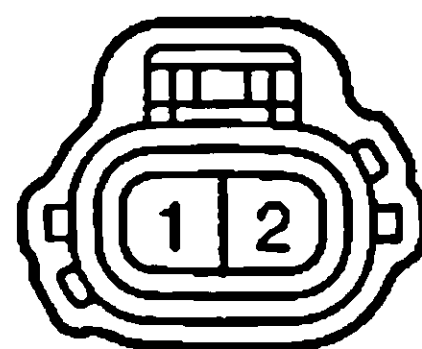
F1
GRAY



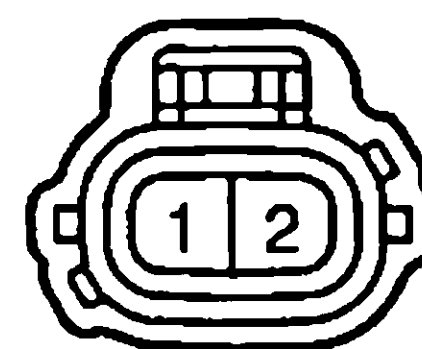
F2
GRAY



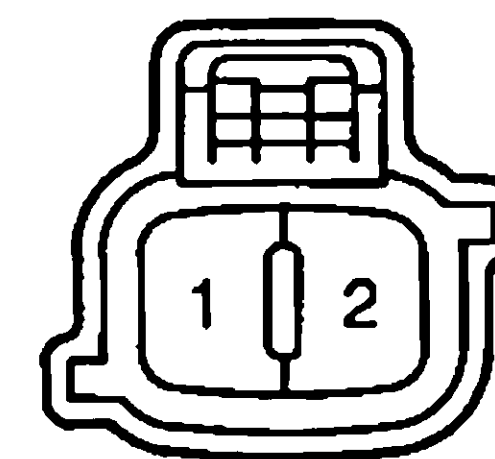
F3
GRAY



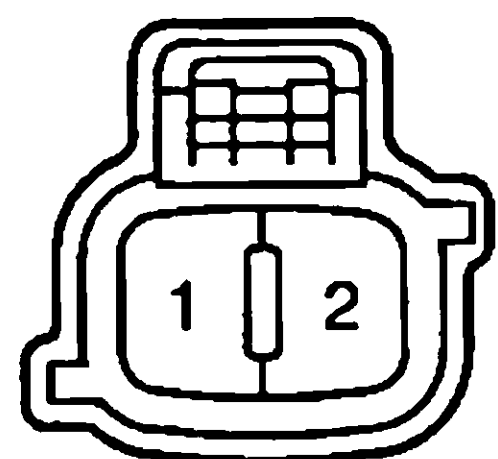
F4
GRAY



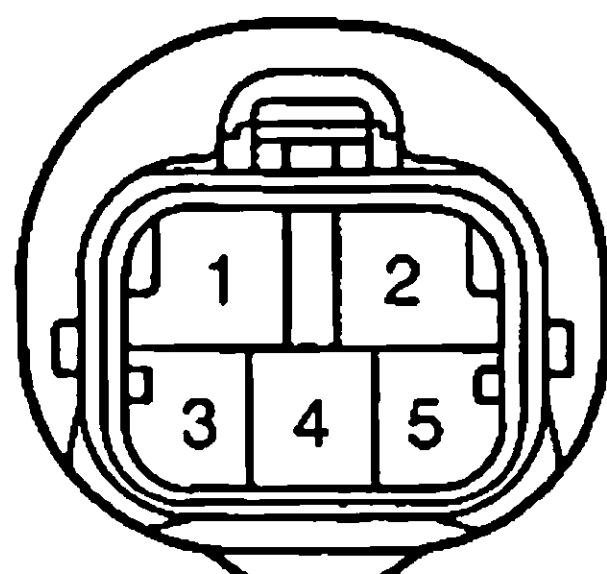
F5
BLACK



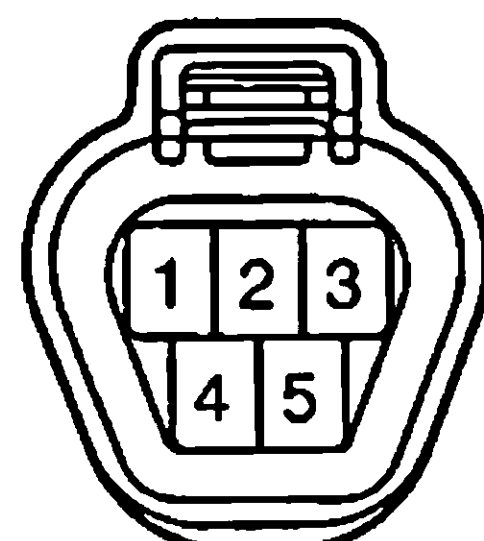
F6
BLACK



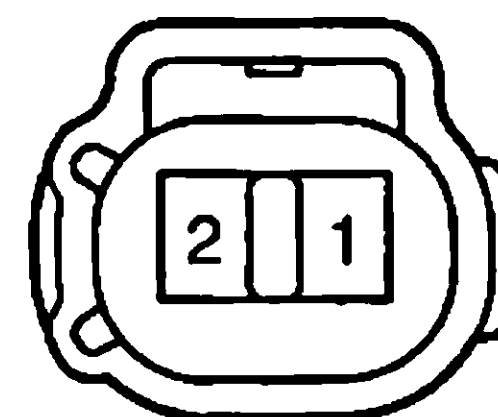
F7
GRAY



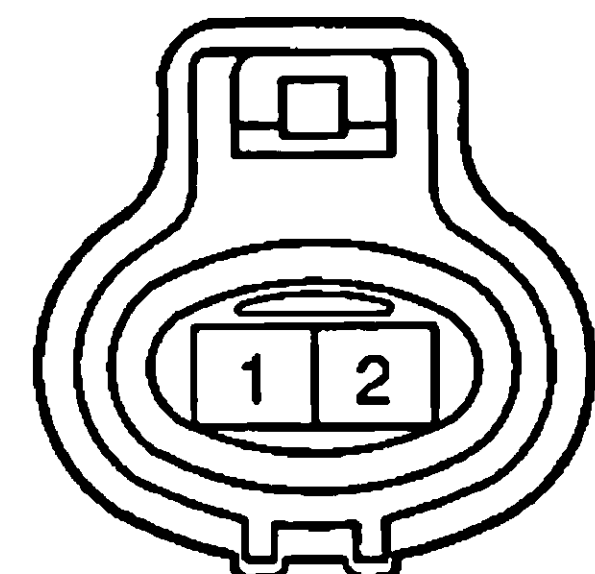
F8
BLACK



F9
GRAY



F10
GRAY

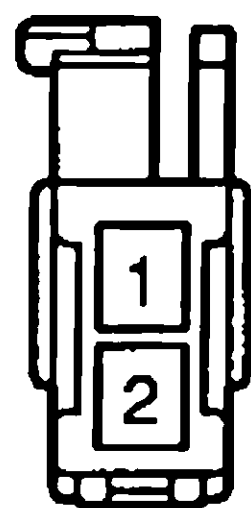


F CONNECTOR LIST

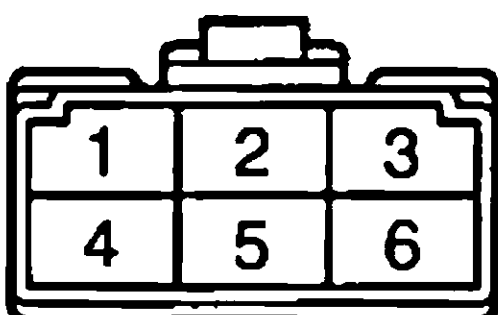
F11
DARK GRAY



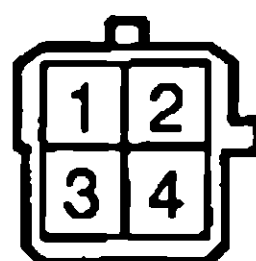
F12



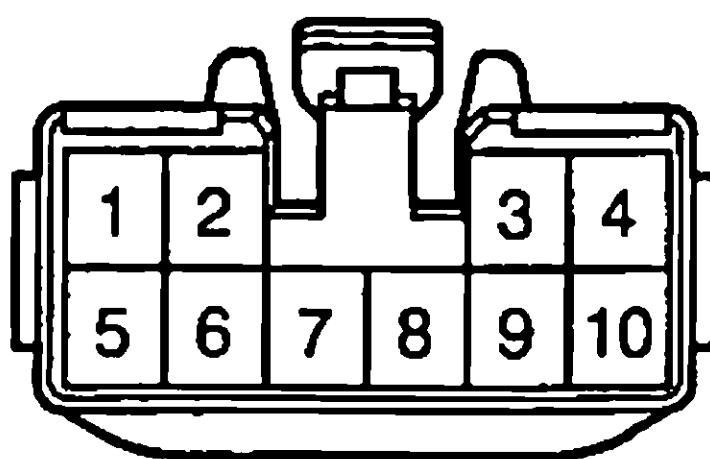
F13



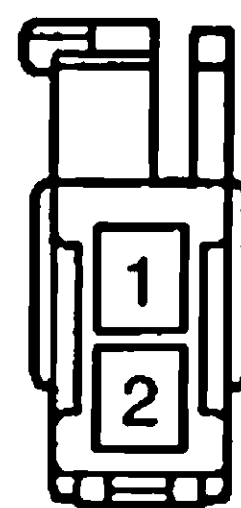
F14



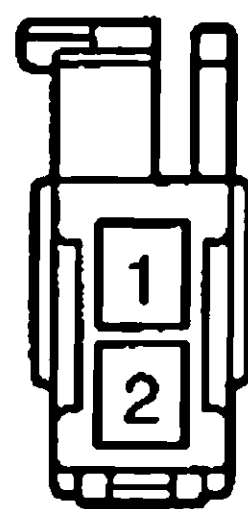
F15



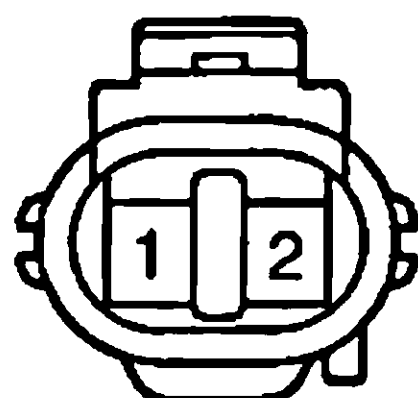
F16



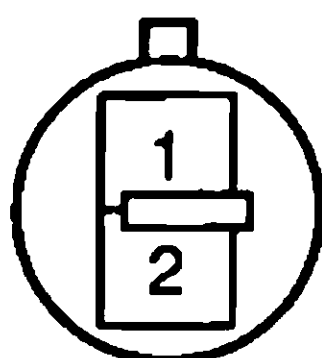
F17



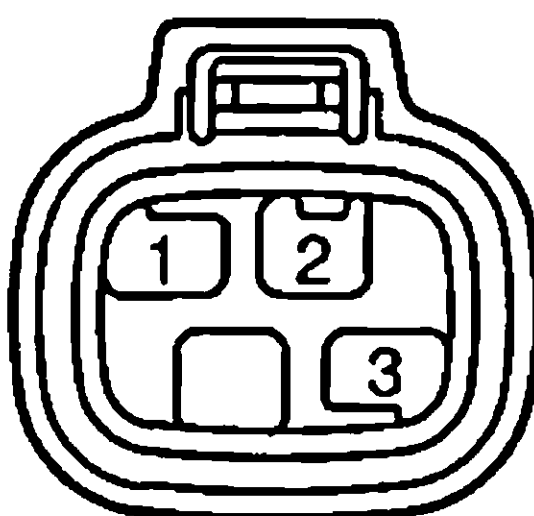
F18
DARK GRAY



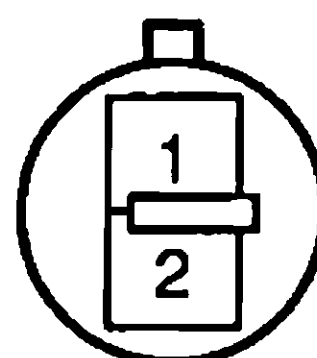
F19
GREEN



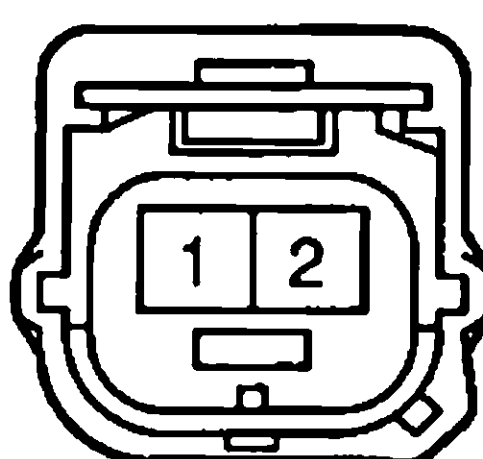
F20
DARK GRAY



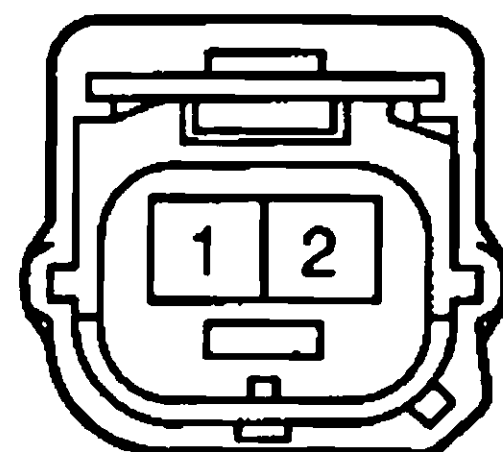
F21
GREEN



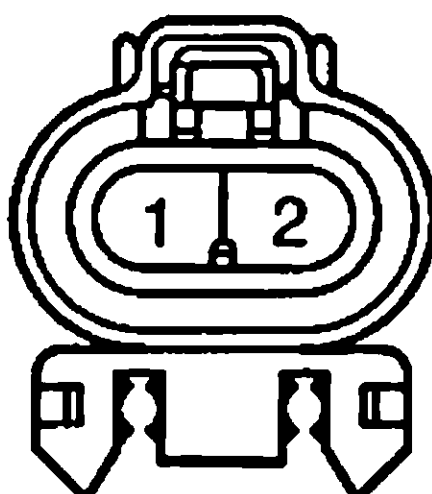
F22
YELLOW



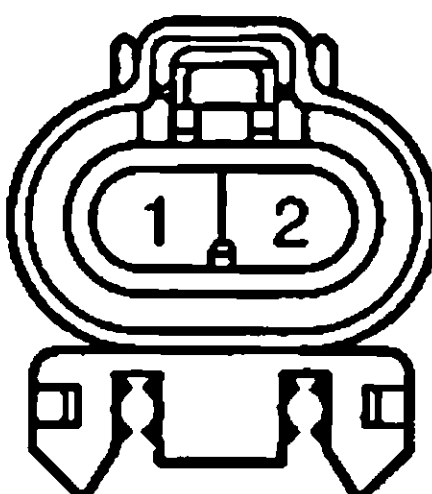
F23
YELLOW



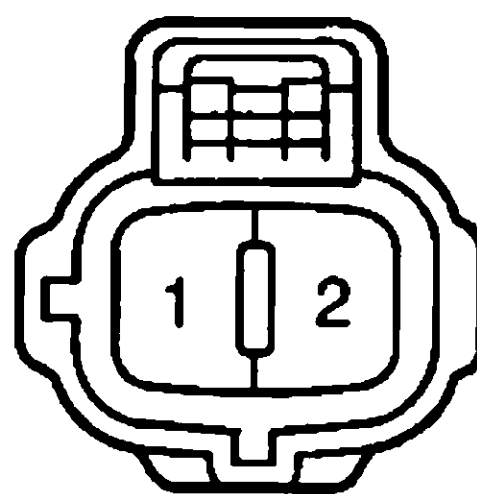
F24
BROWN



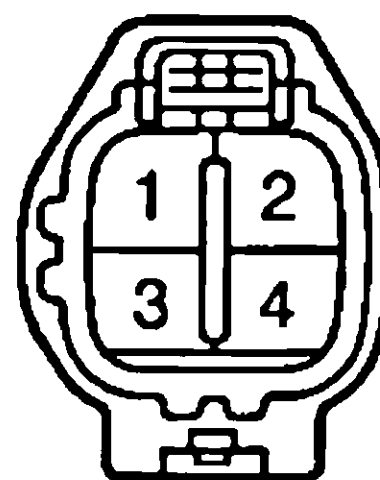
F25
BROWN



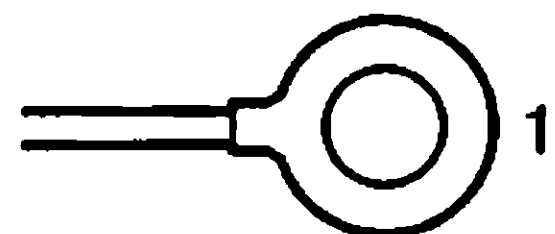
F26
GRAY



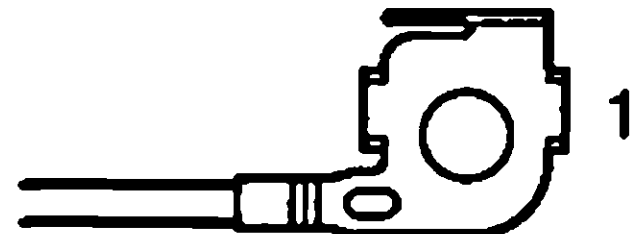
F27
BLACK



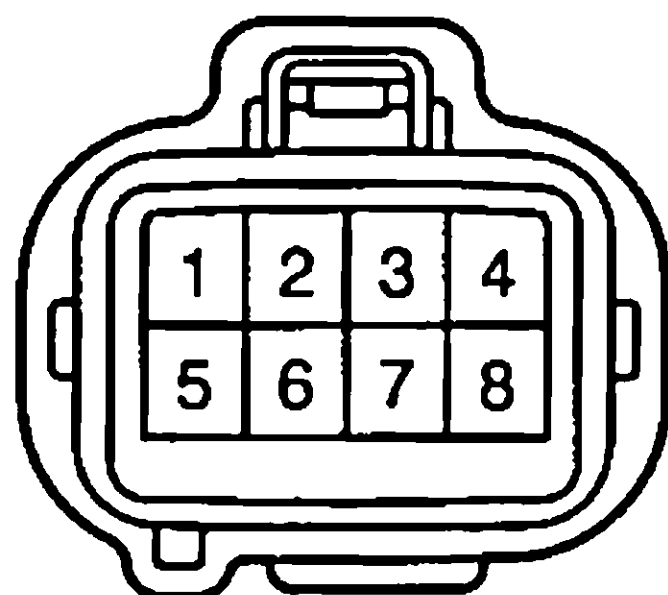
G1
(1KZ-TE, 1KZ-T)



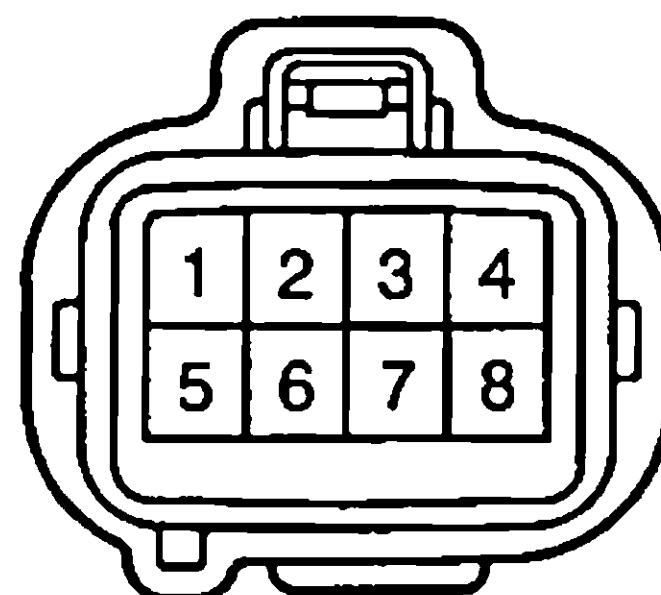
G1
(3L)



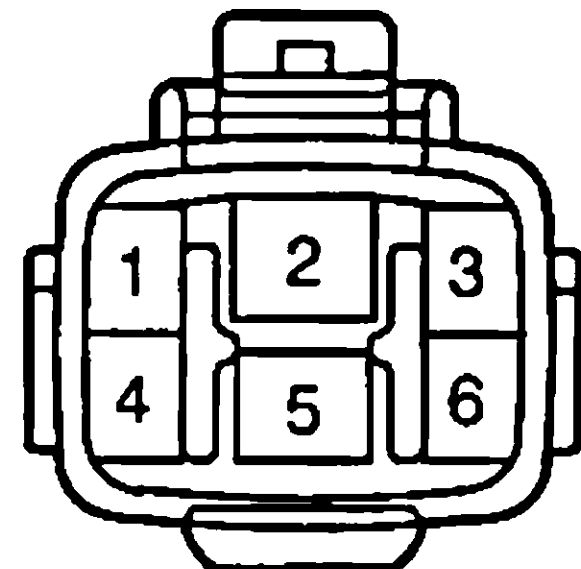
H1
GRAY



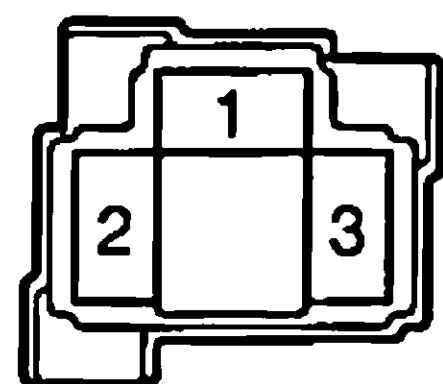
H2
GRAY



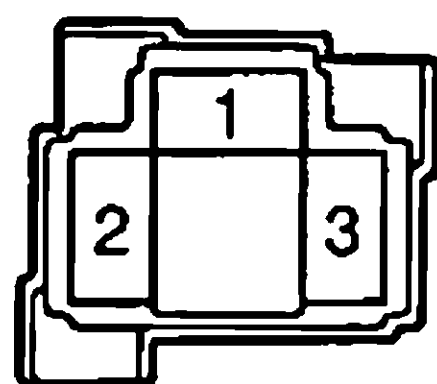
H3
BLACK



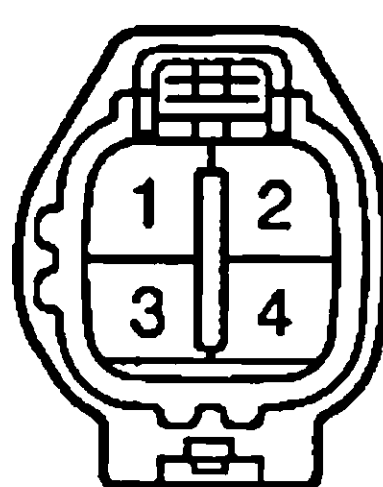
H4



H5



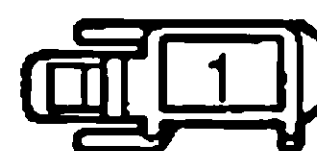
H6
DARK GRAY



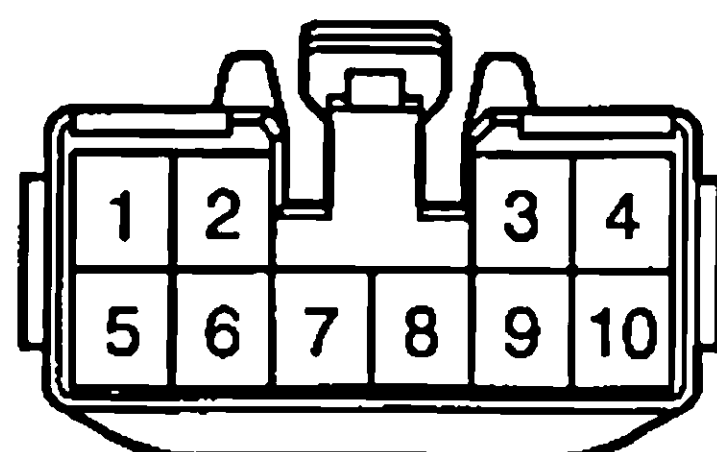
H7
BLACK



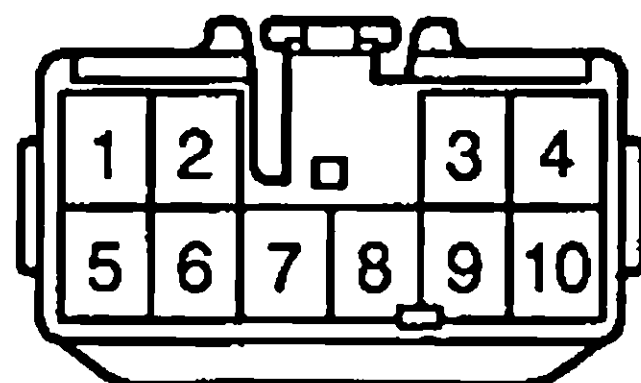
H8
BLACK



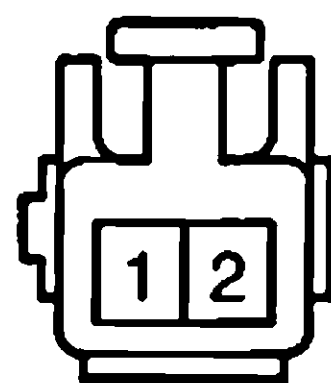
H9



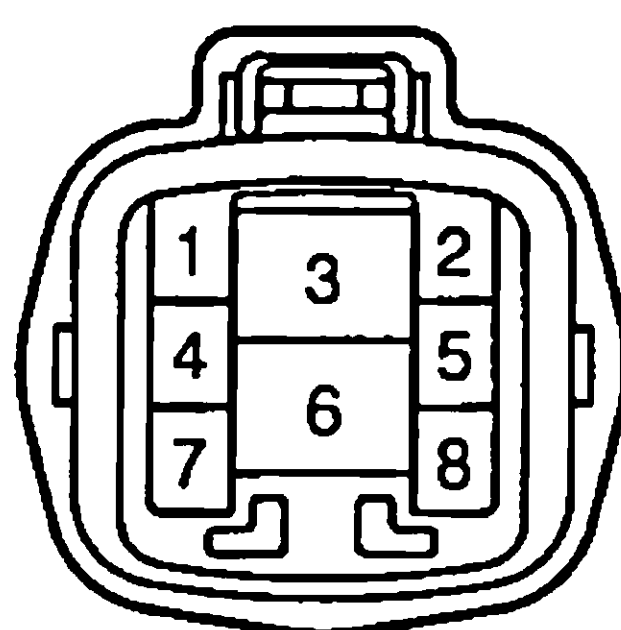
H10
GRAY



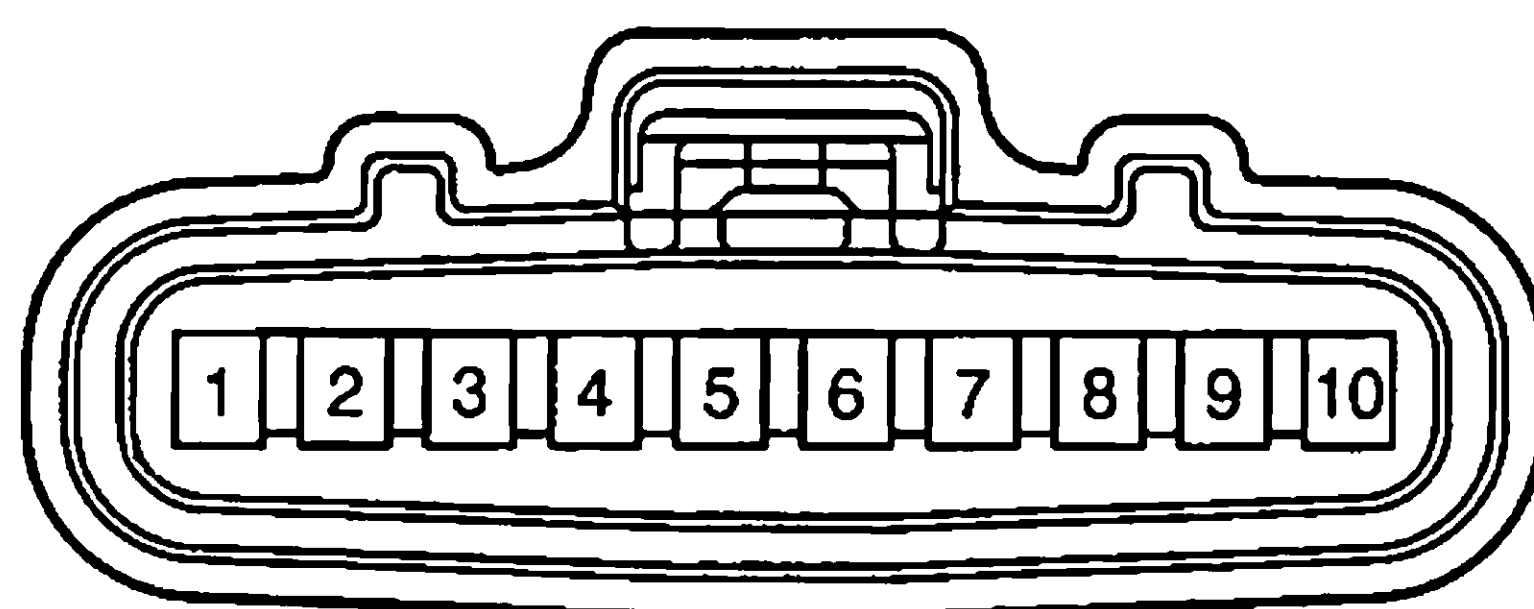
H11
GRAY



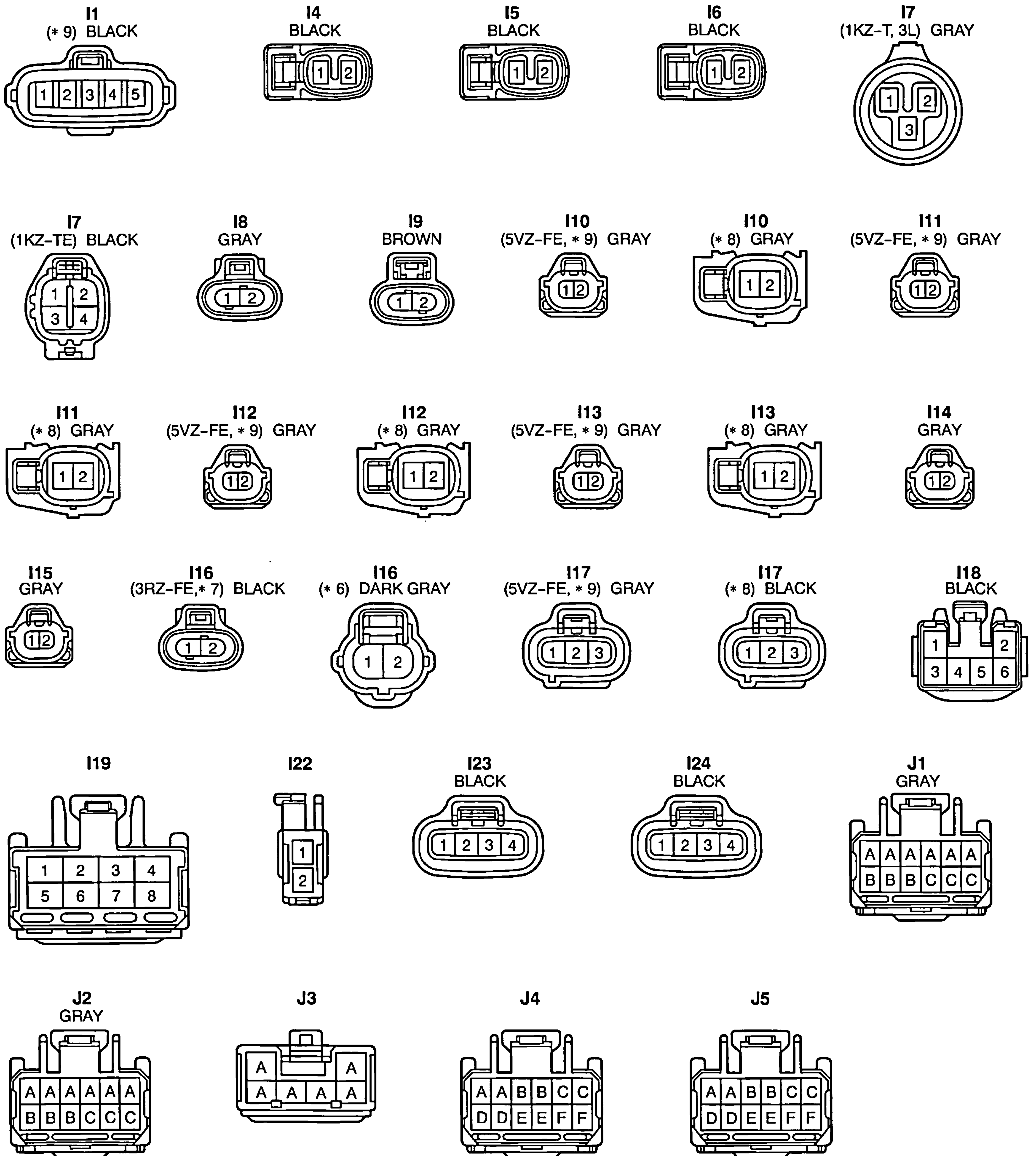
H12
DARK GRAY



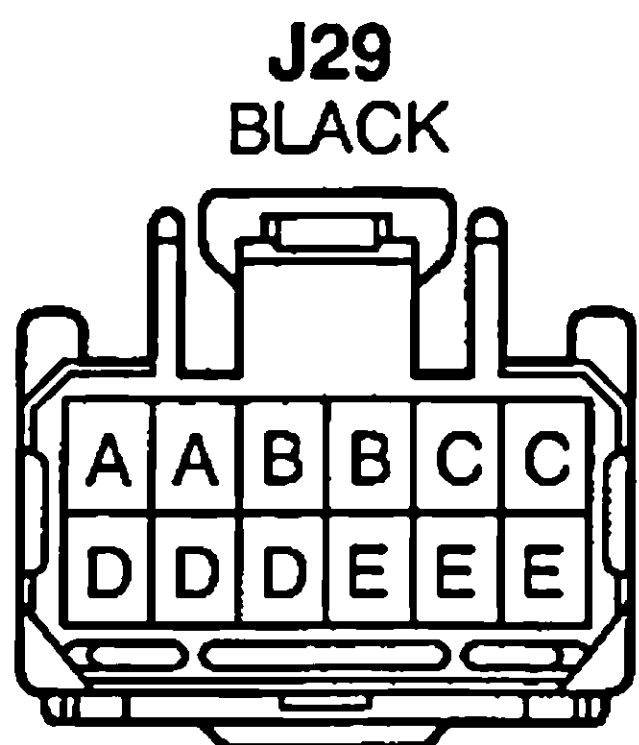
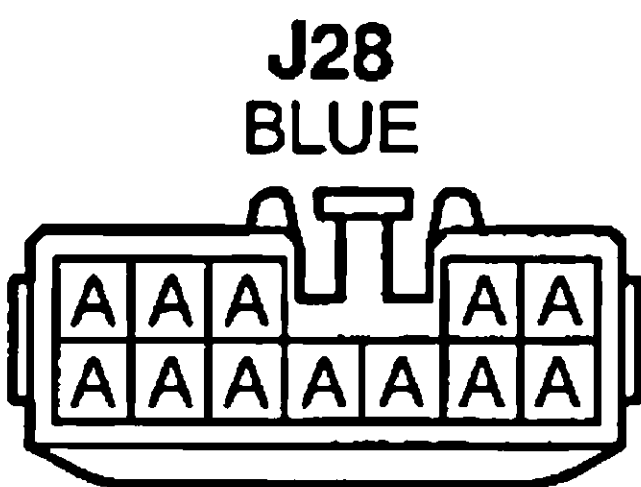
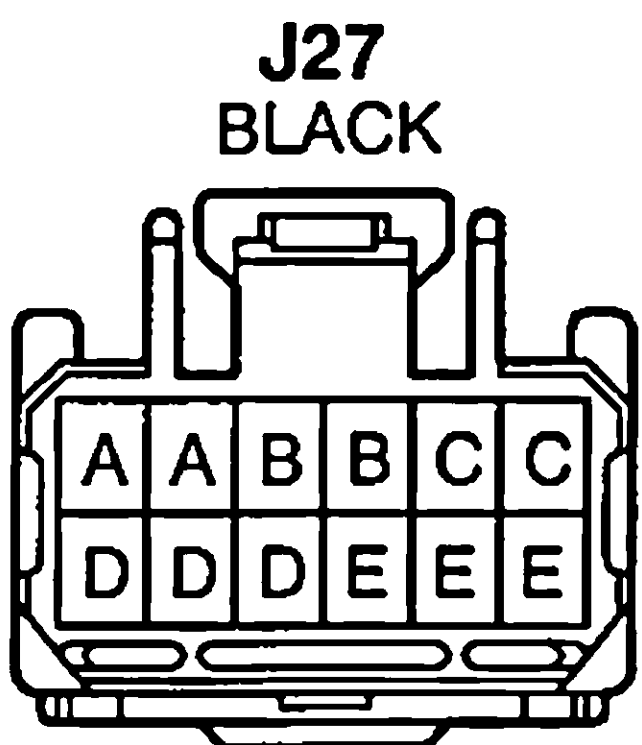
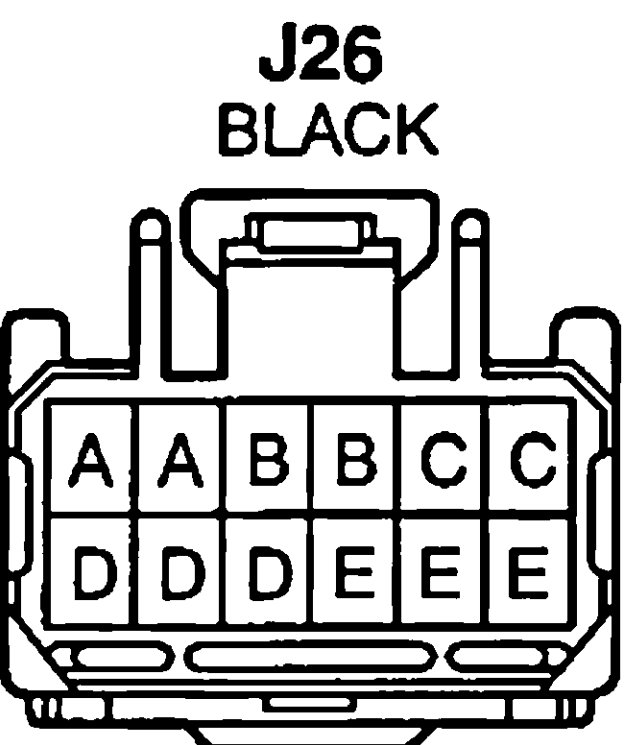
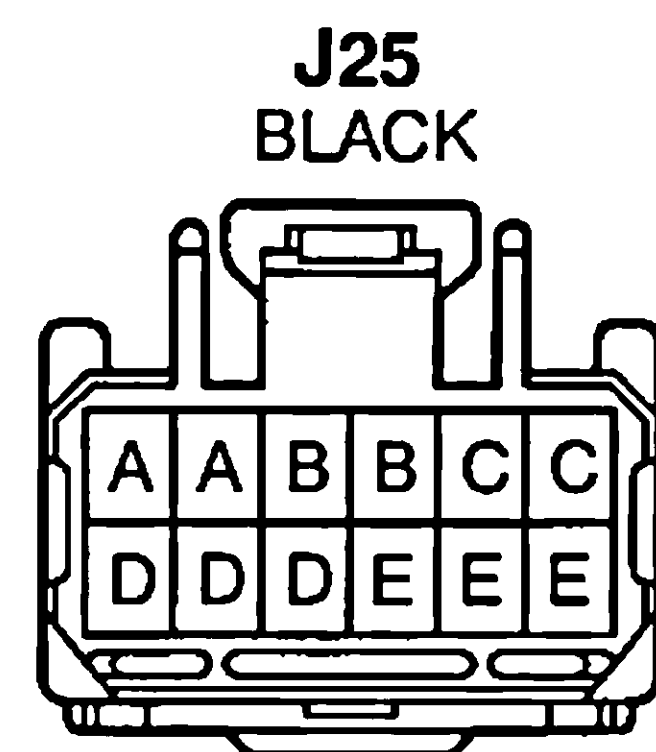
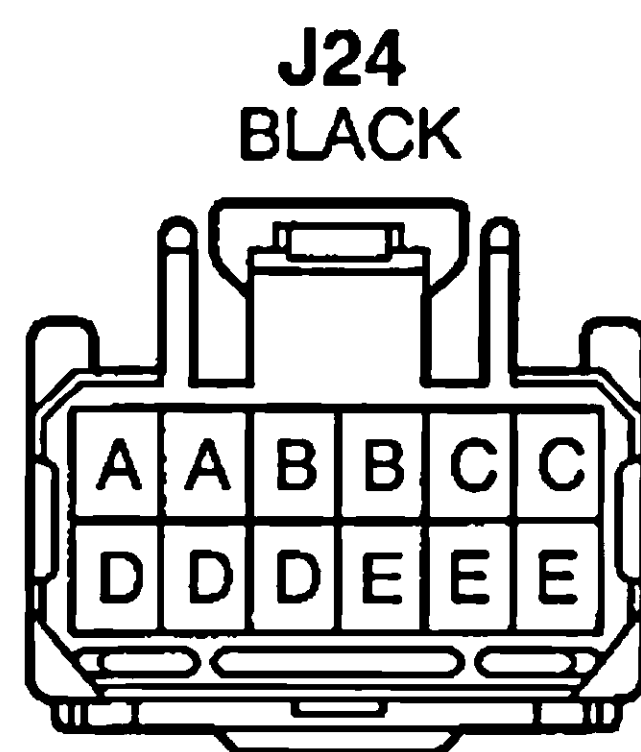
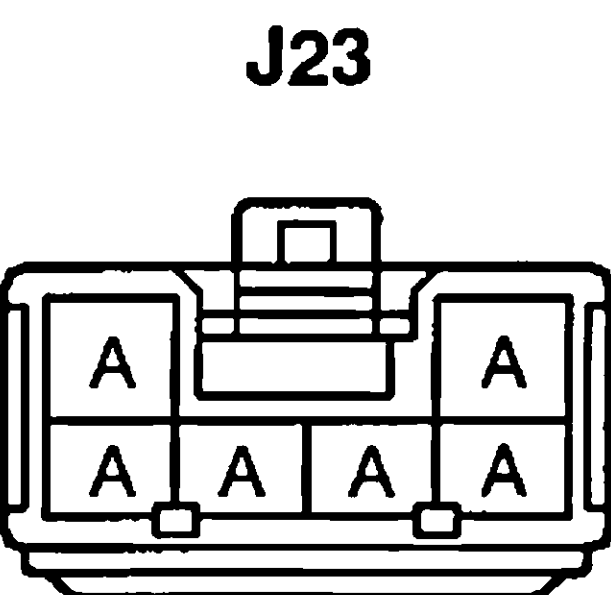
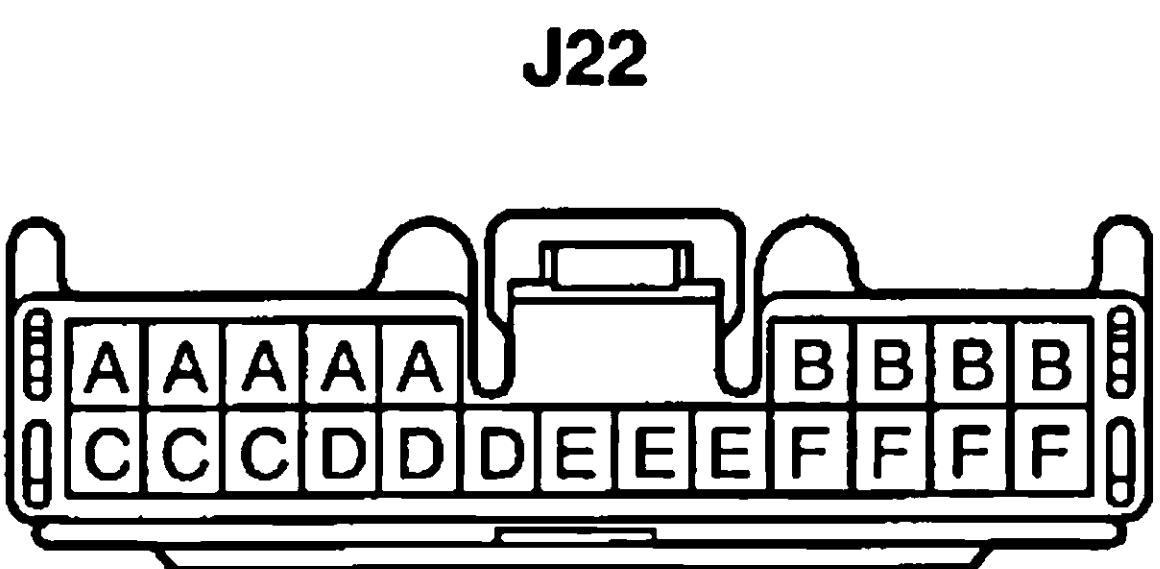
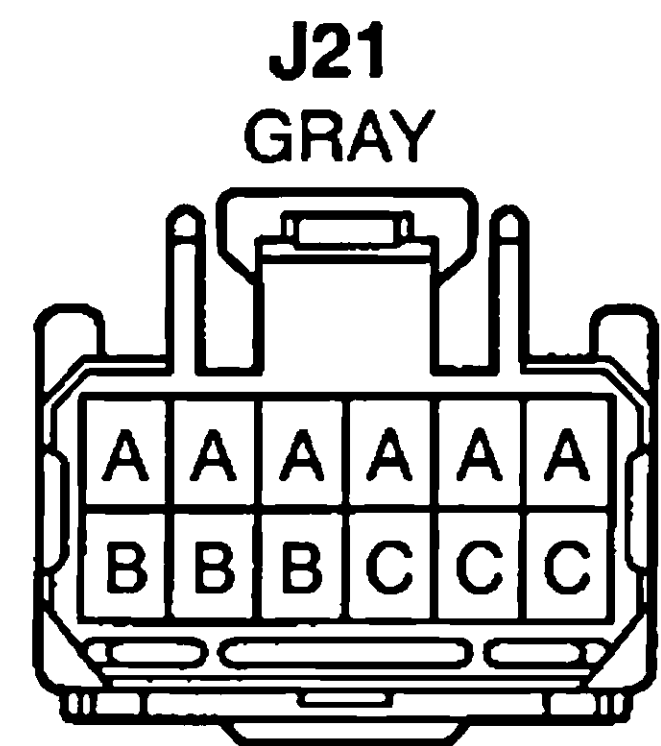
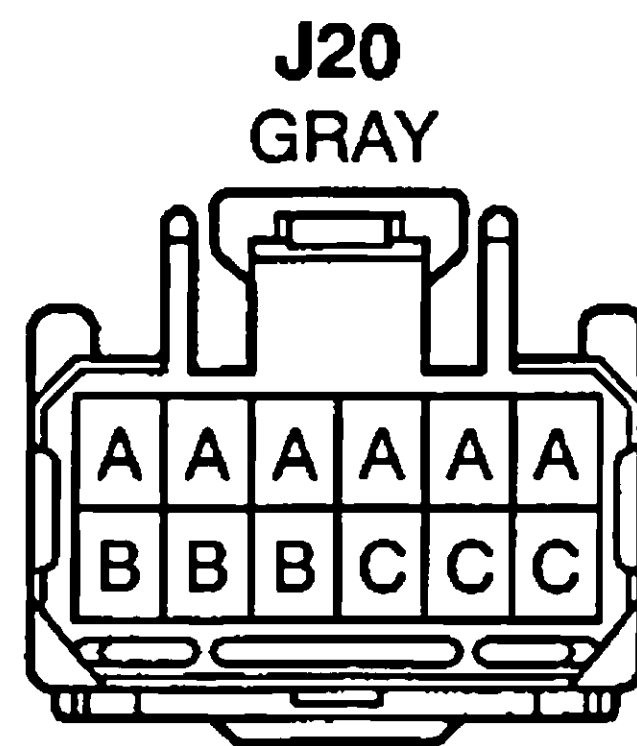
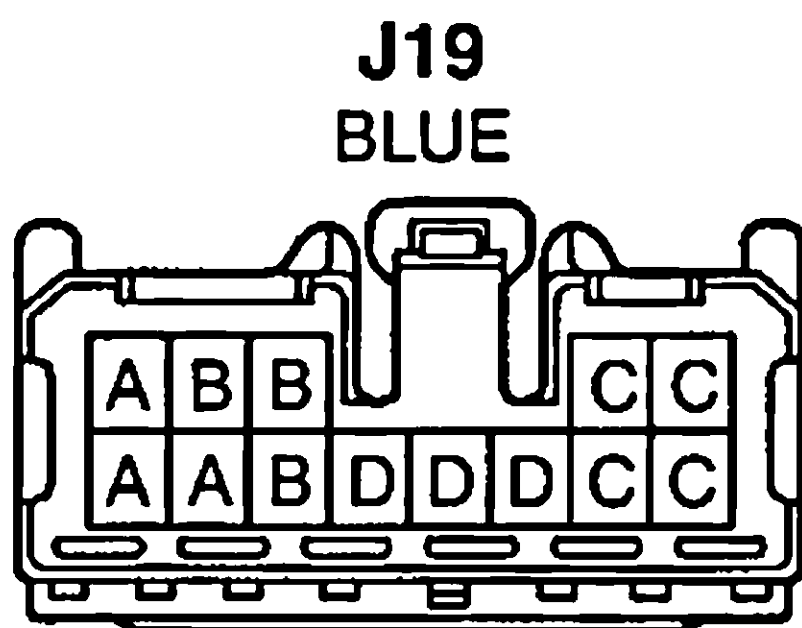
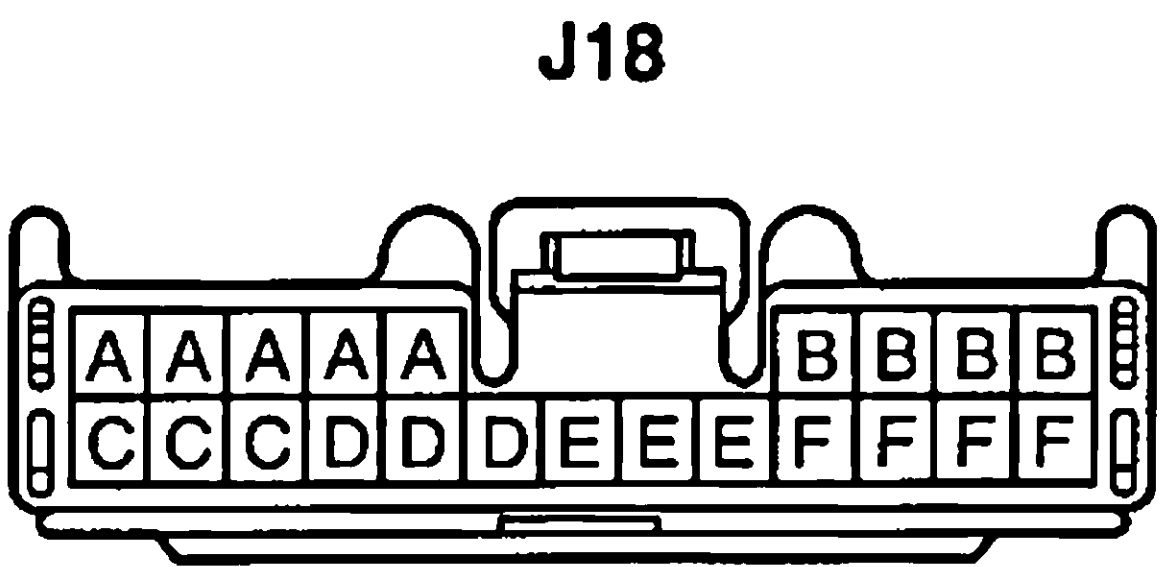
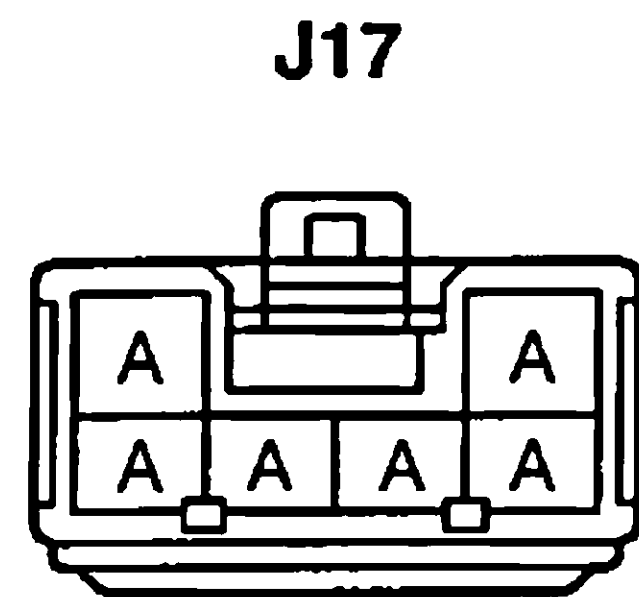
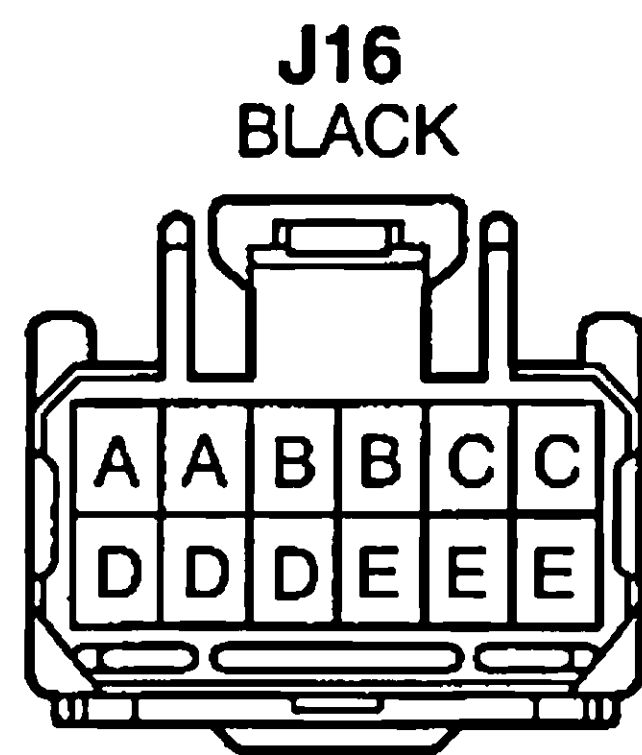
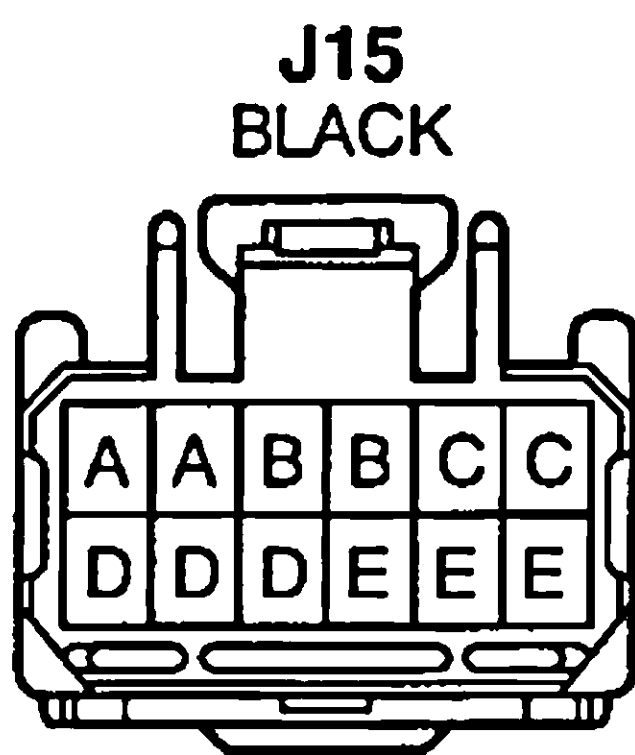
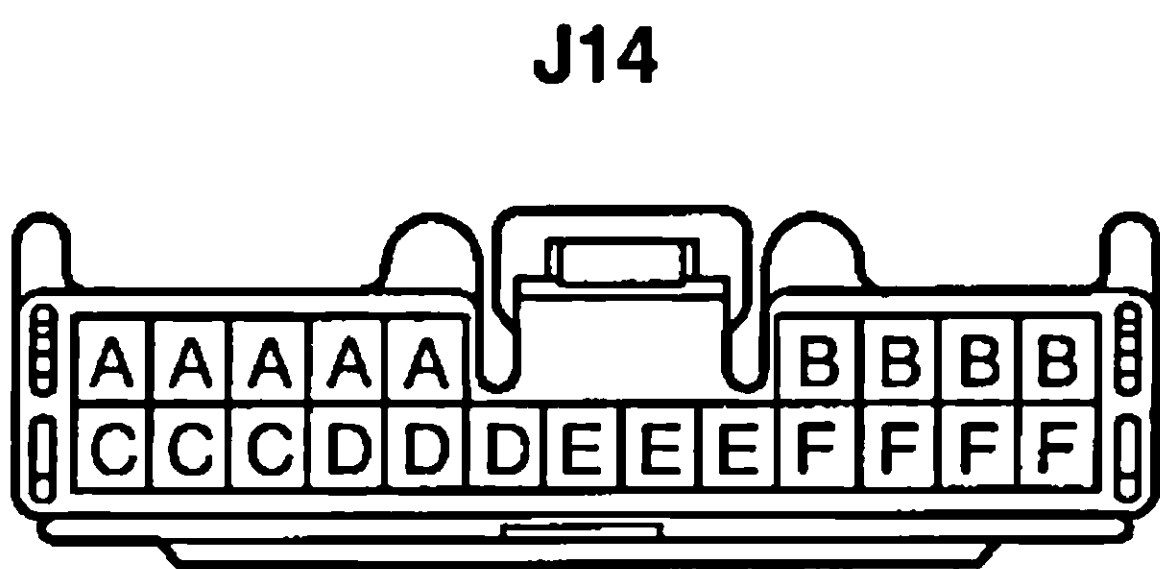
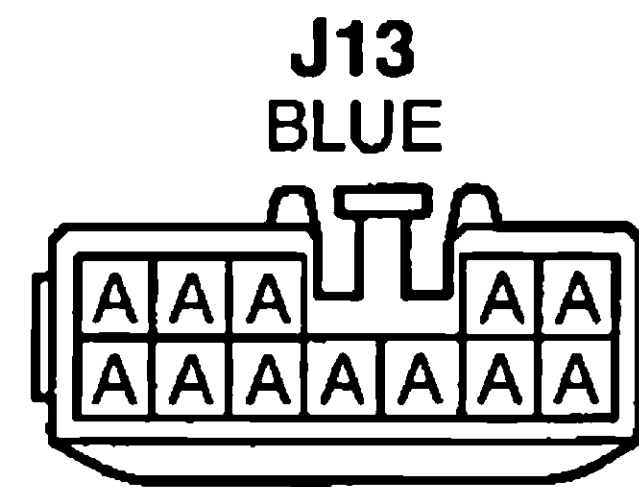
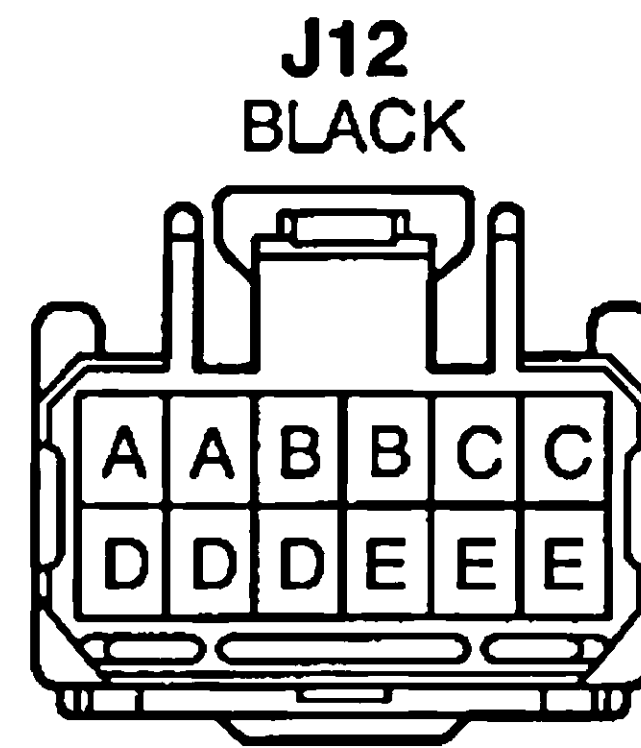
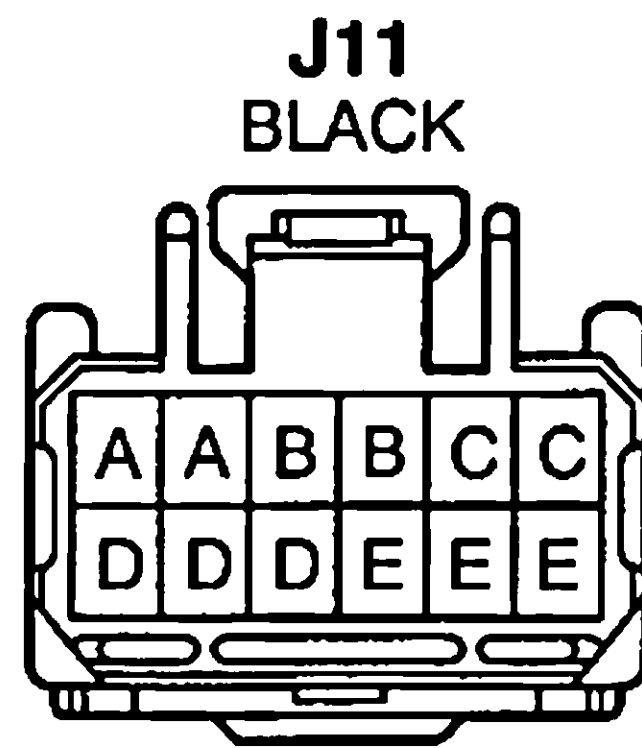
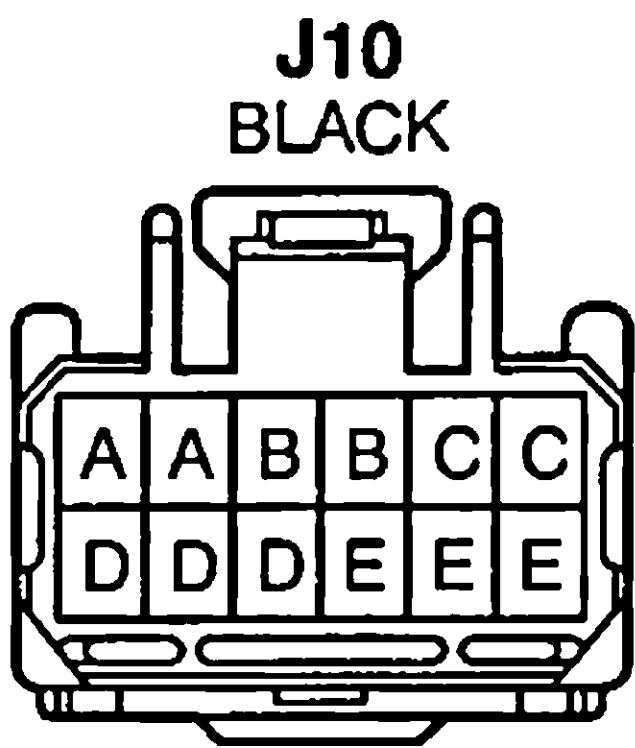
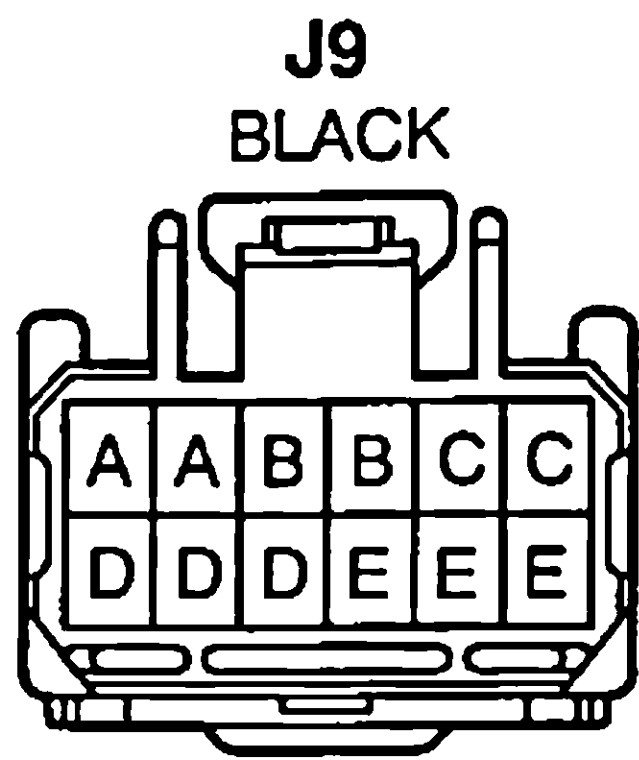
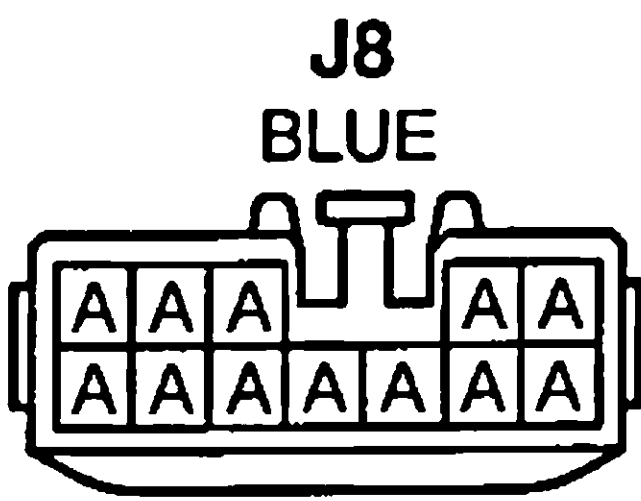
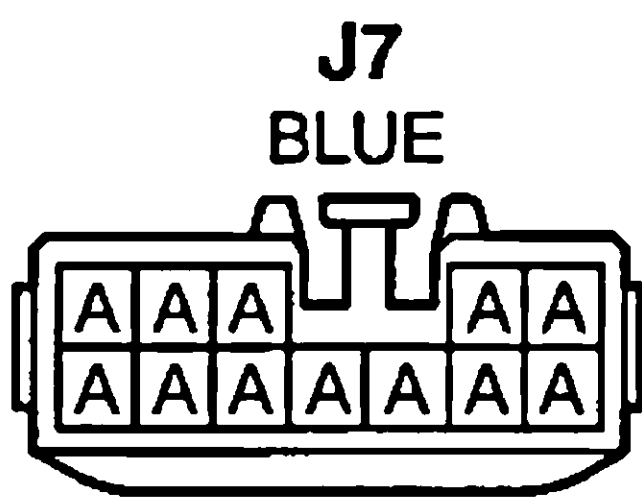
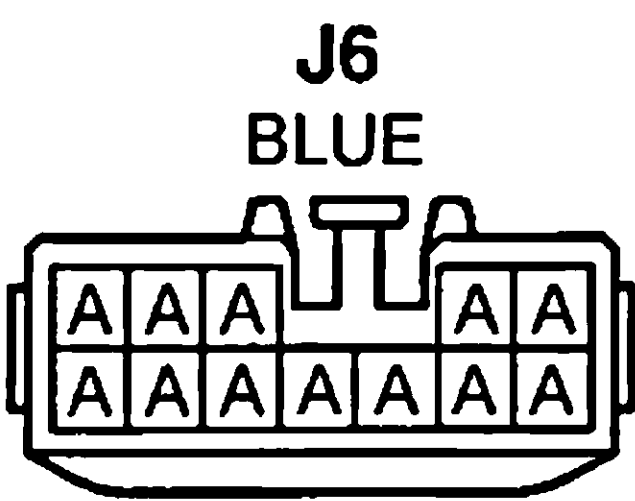
I1
(5VZ-FE) BLACK

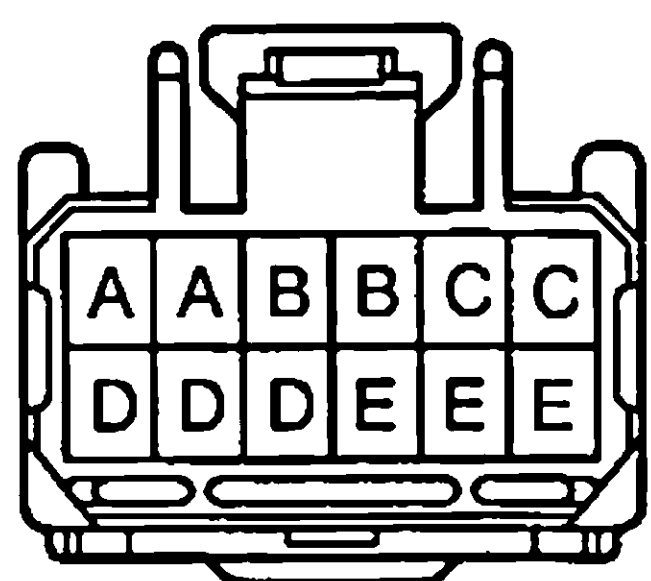
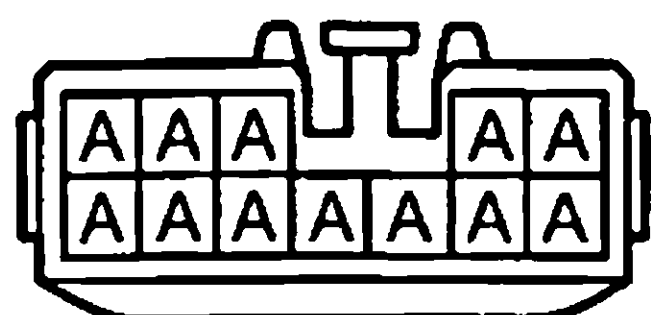
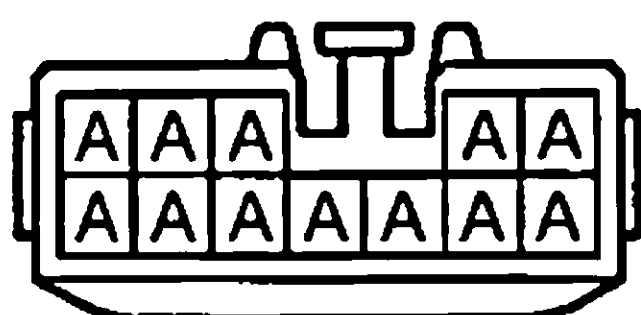


* 6 : 1KZ-TE Australia * 8 : 3RZ-FE Leaded Gasoline
 * 7 : 1KZ-TE Except Australia * 9 : 3RZ-FE Unleaded Gasoline

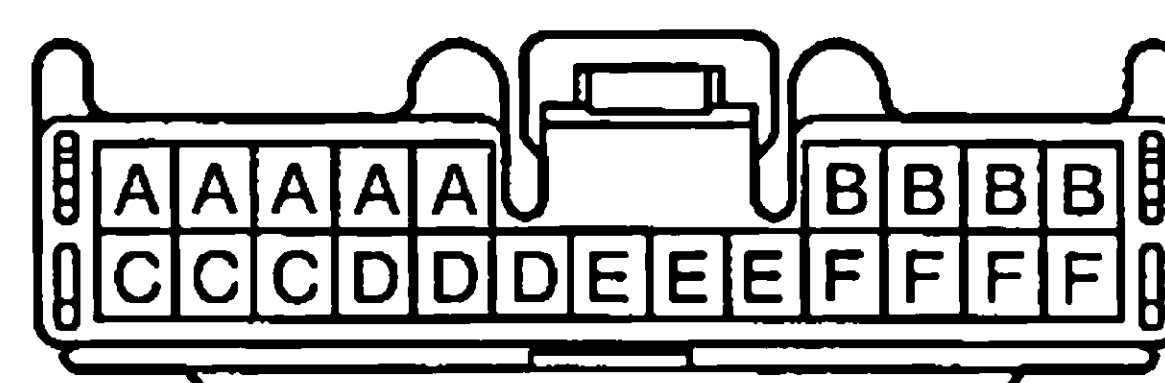


F CONNECTOR LIST

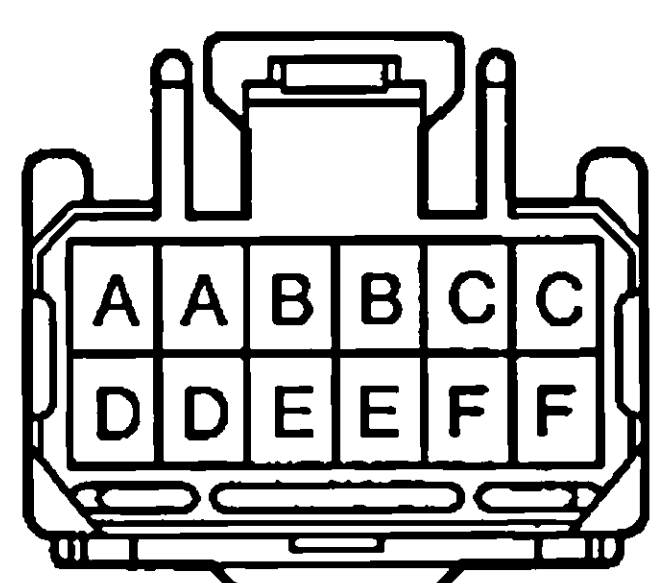


J30
BLACKJ31
BLUEJ32
BLUE

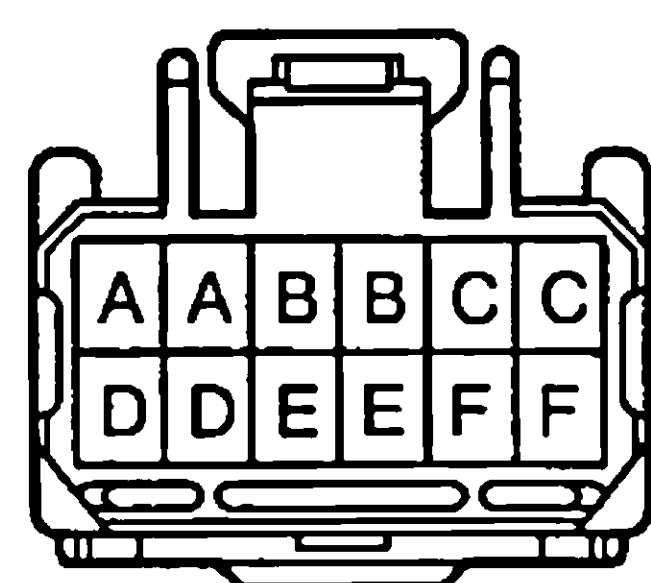
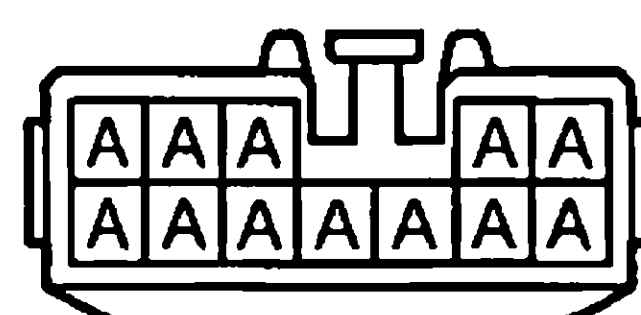
J33



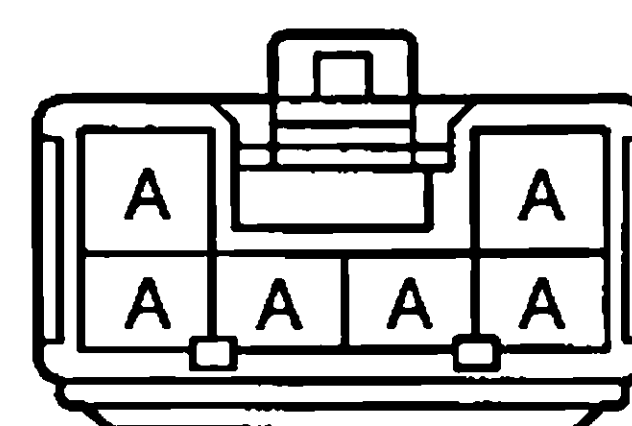
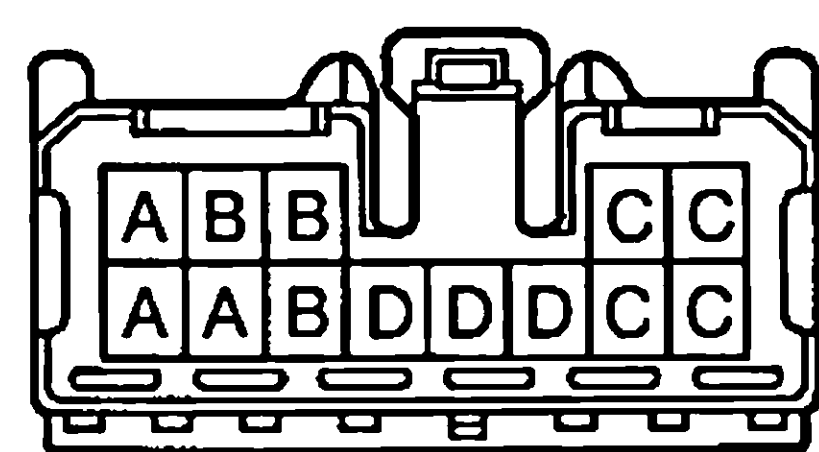
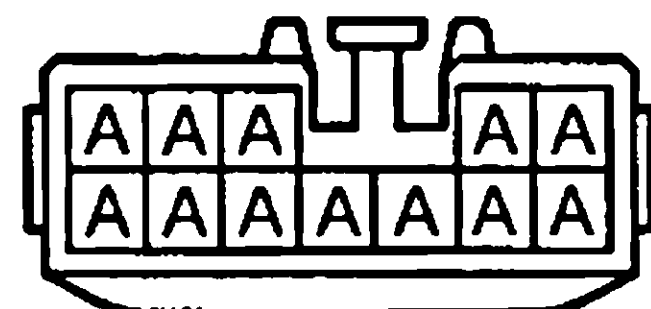
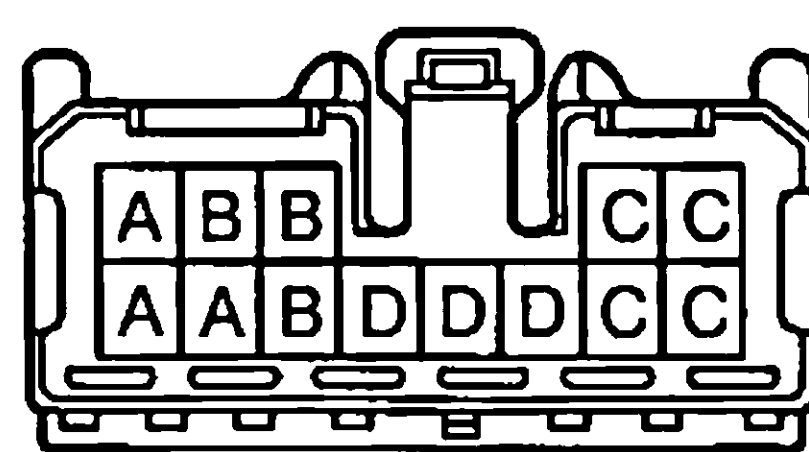
J34



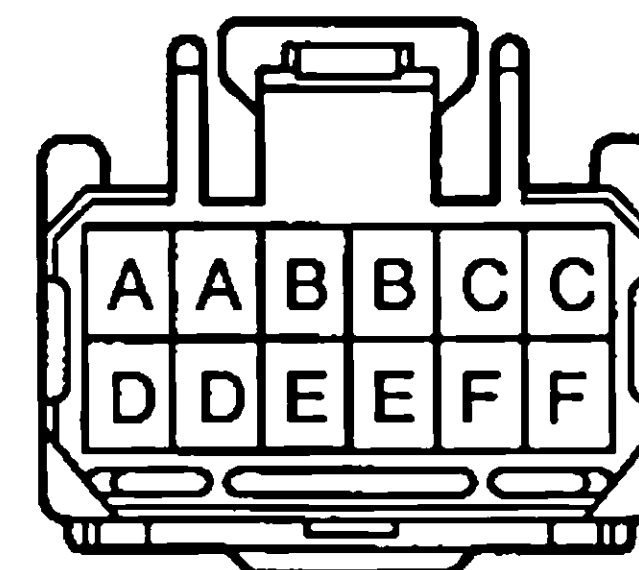
J35

J36
BLUE

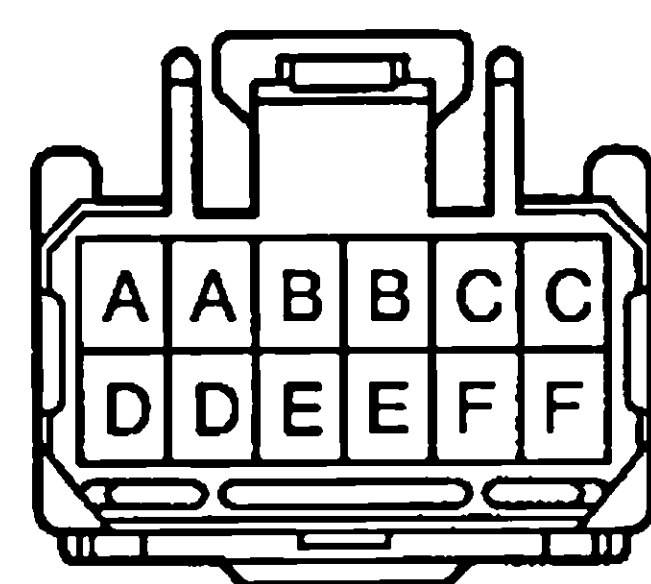
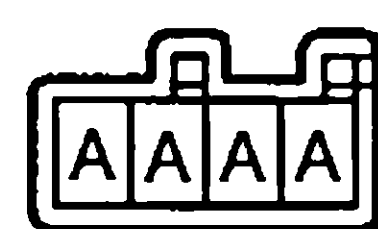
J37

J38
BLUEJ39
BLUEJ40
BLUE

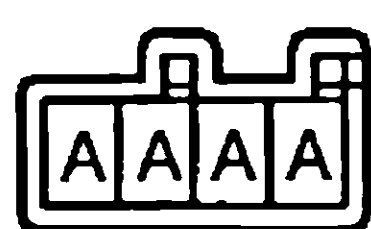
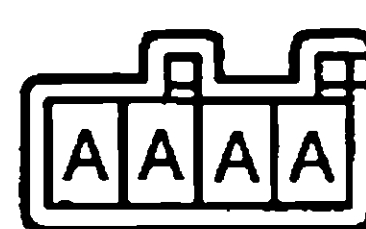
J41



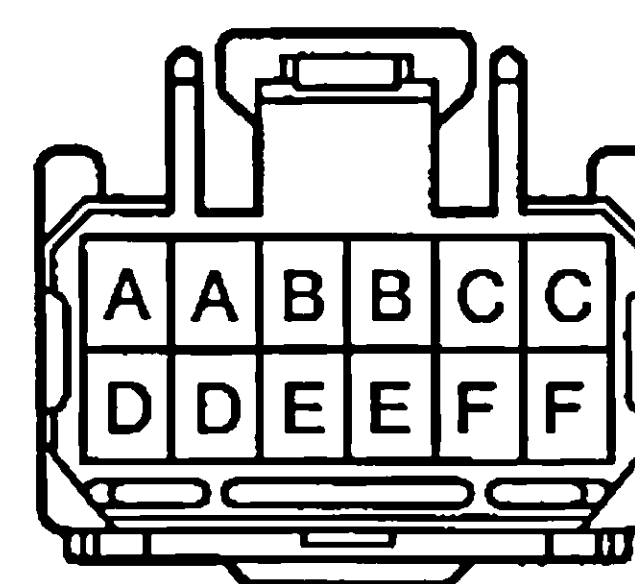
J42

J43
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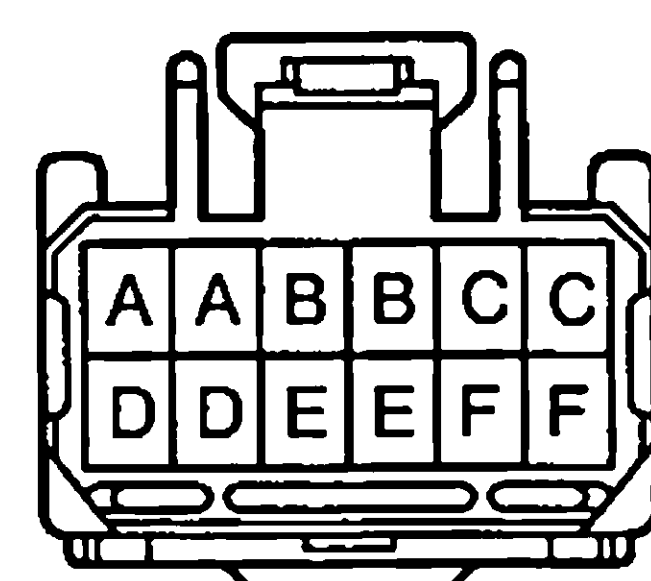
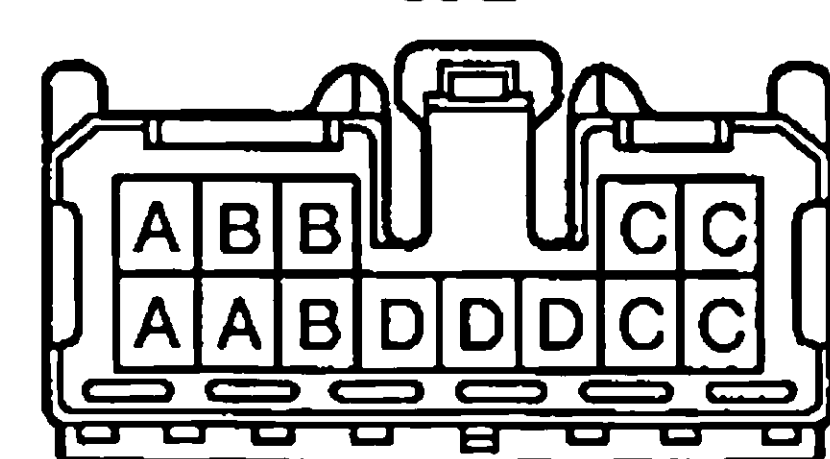
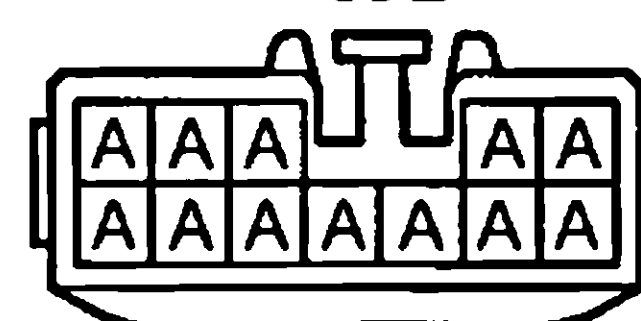
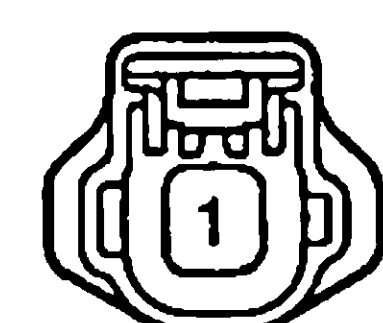
J44

J45
BLACK

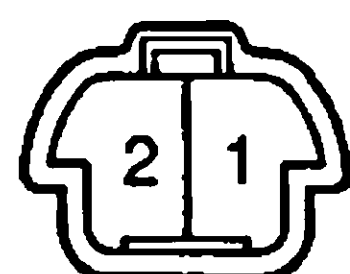
J46



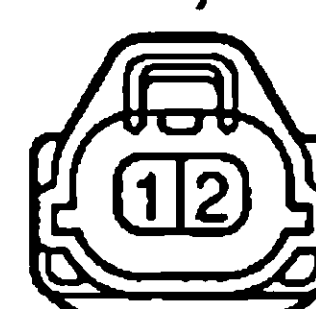
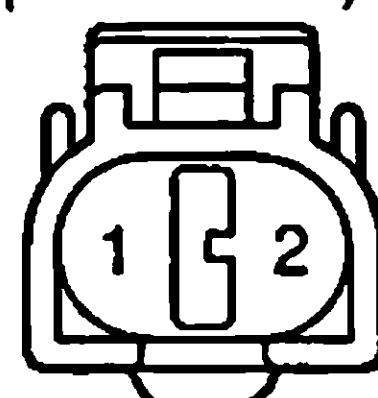
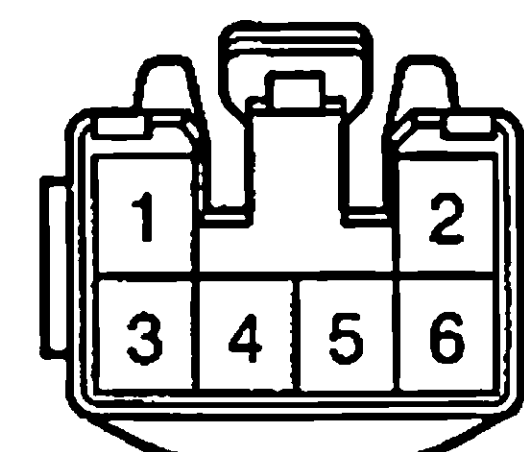
J47

J48
BLUEJ49
BLUEK1
DARK GRAYK2
BLACKK3
BLACK

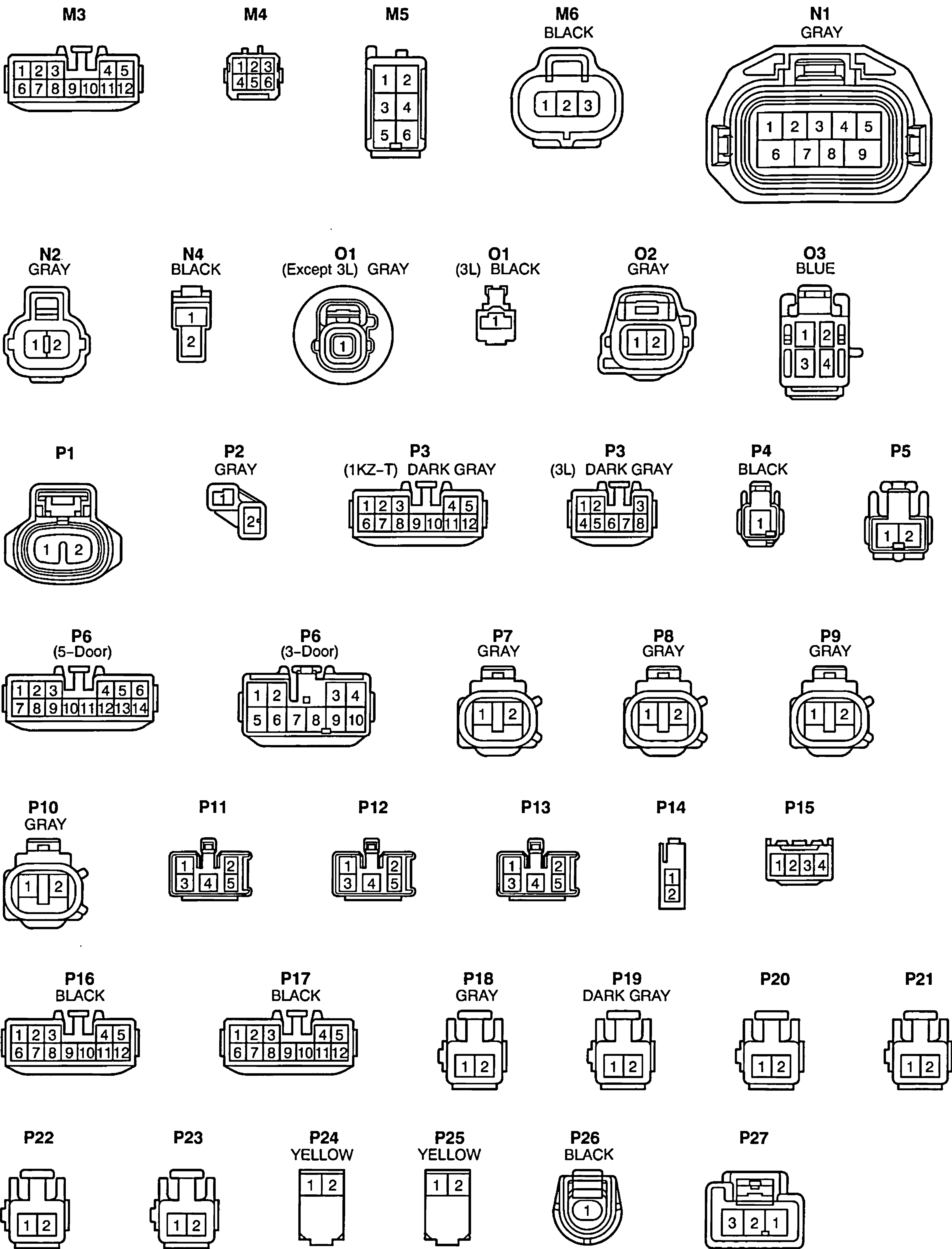
L1

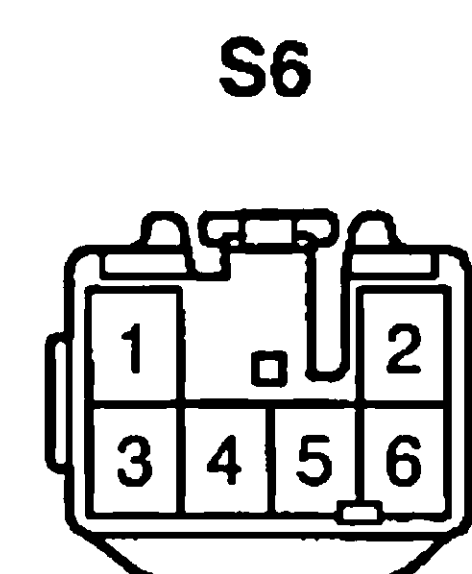
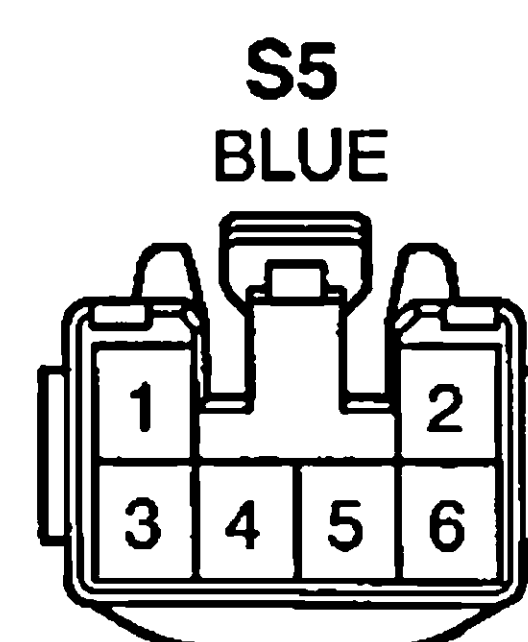
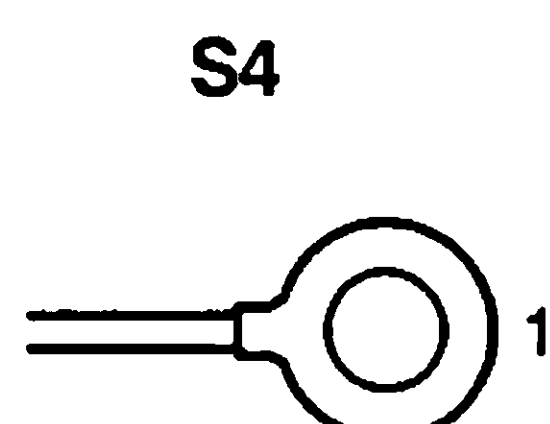
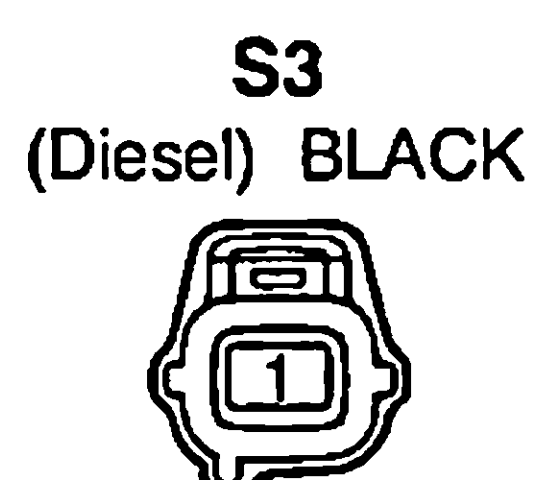
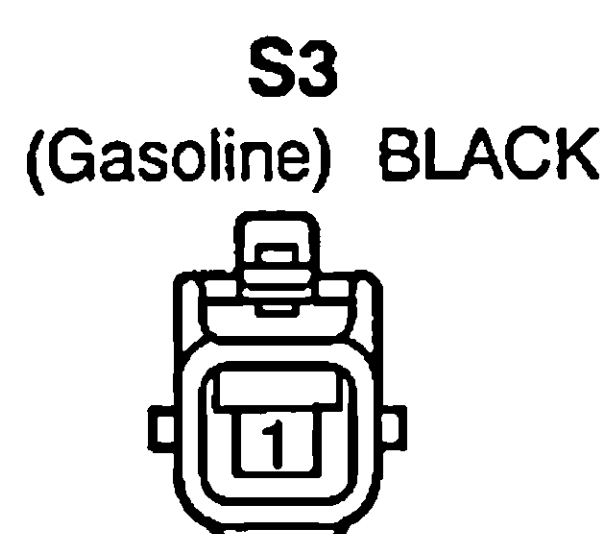
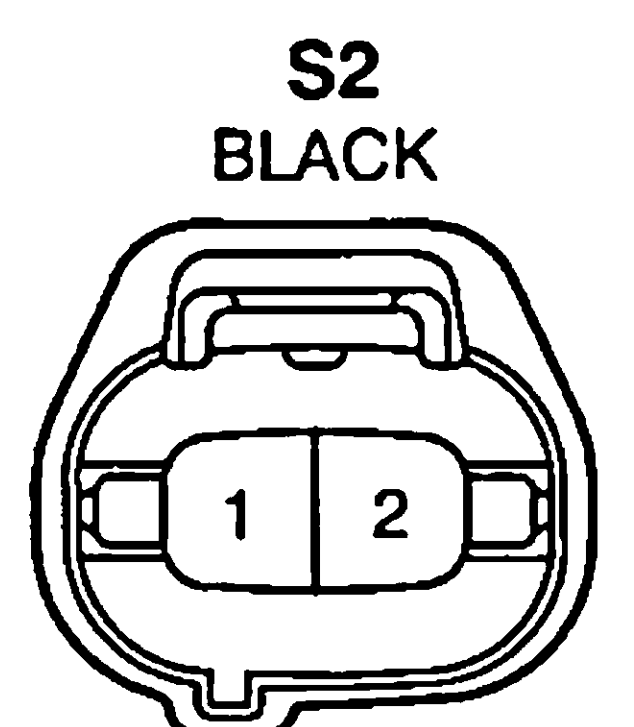
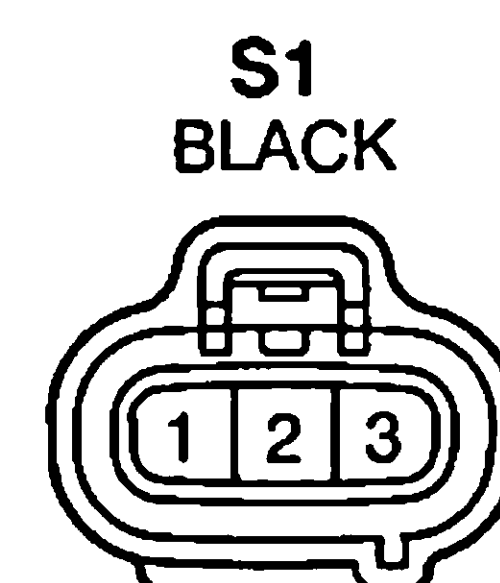
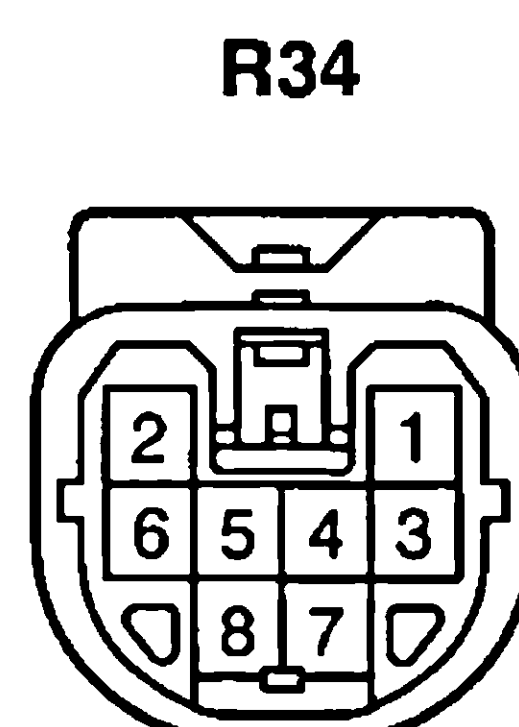
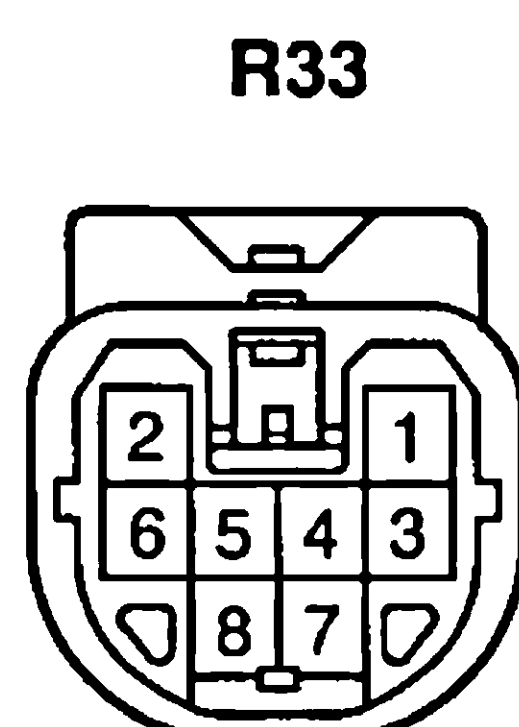
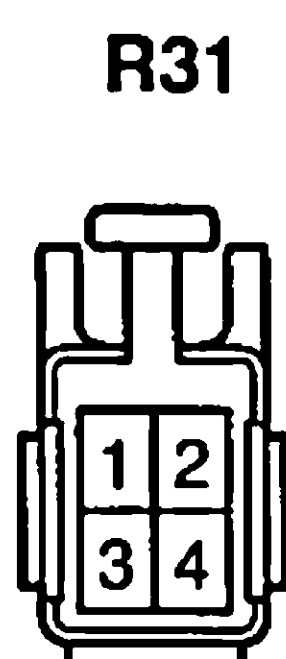
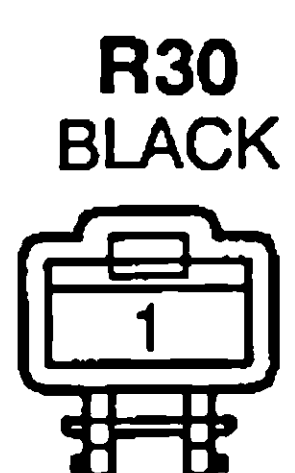
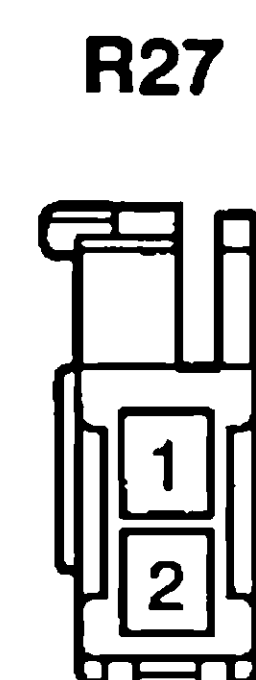
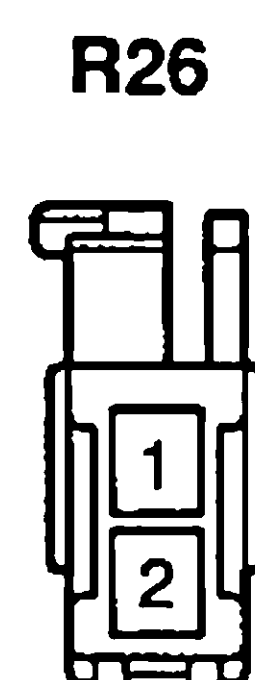
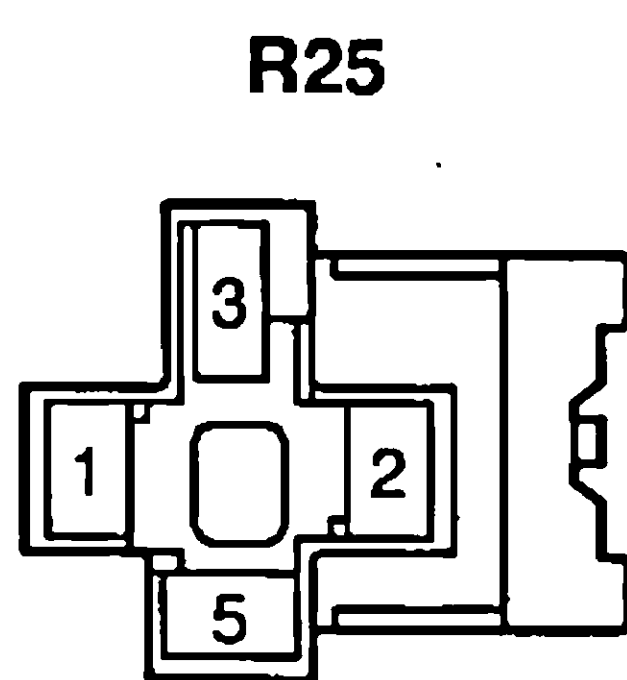
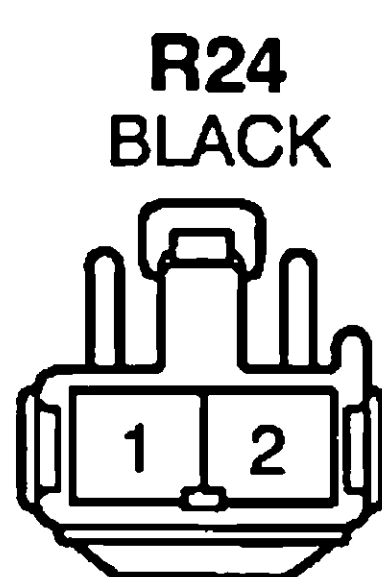
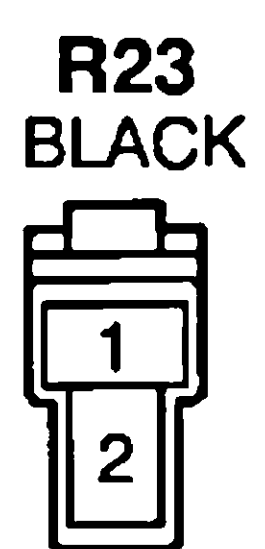
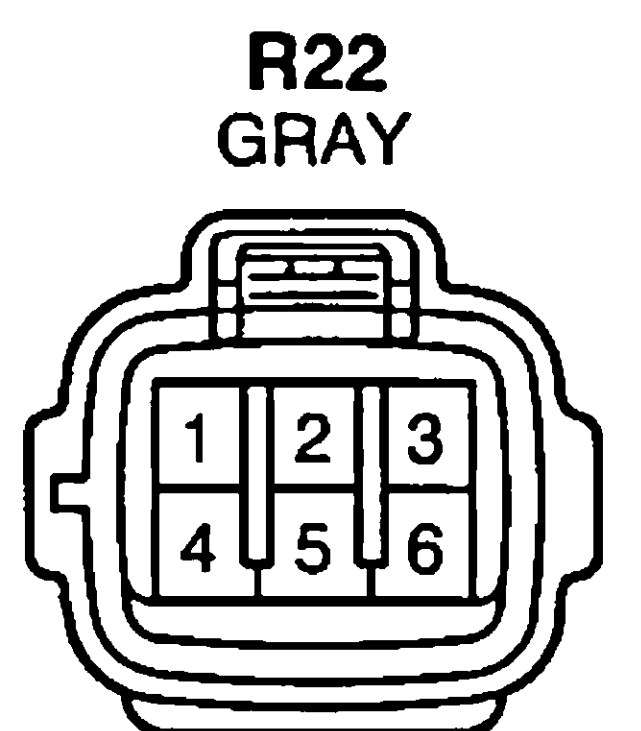
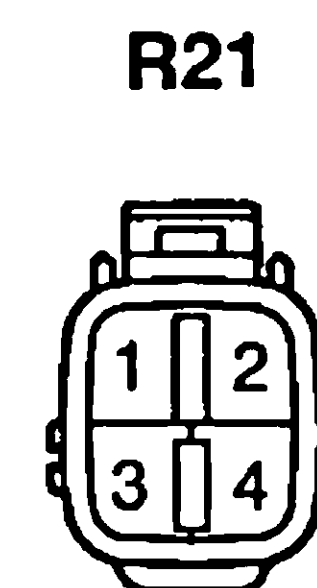
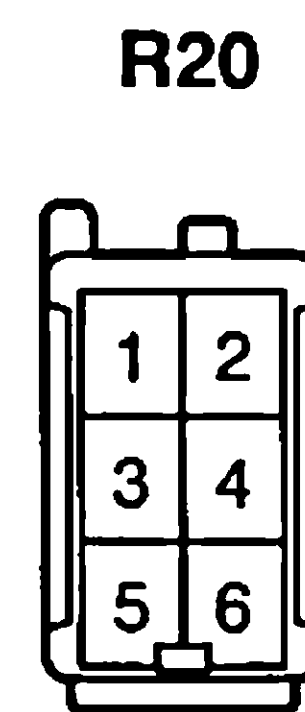
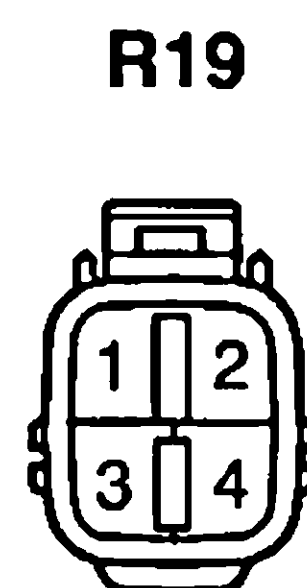
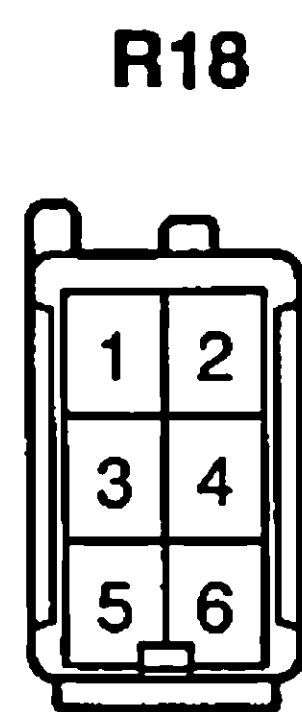
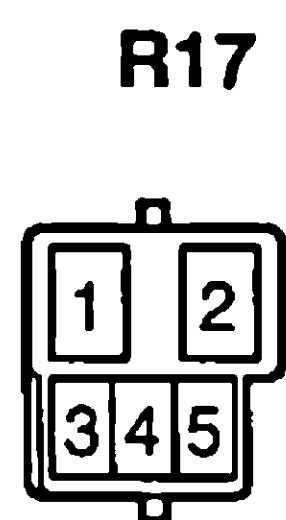
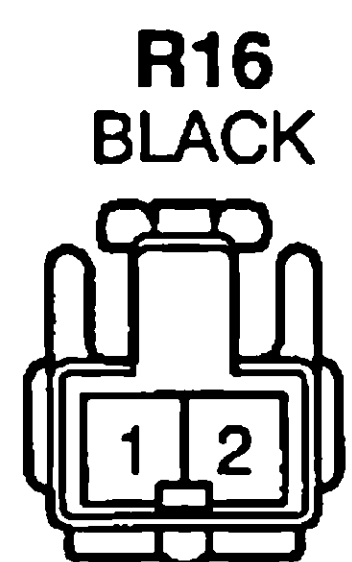
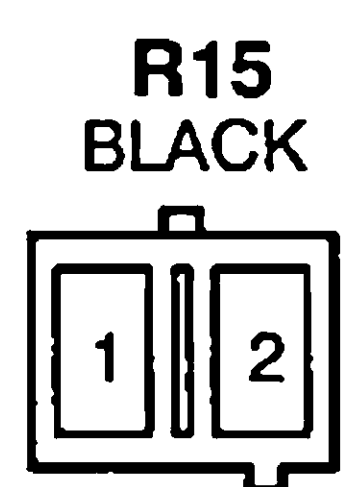
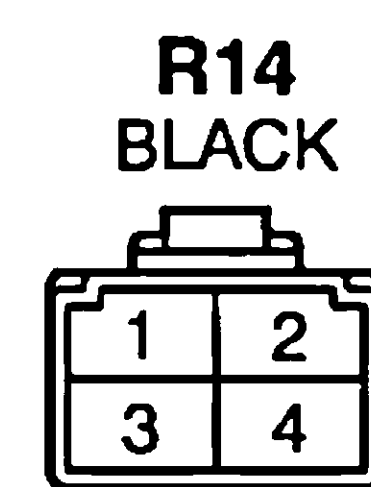
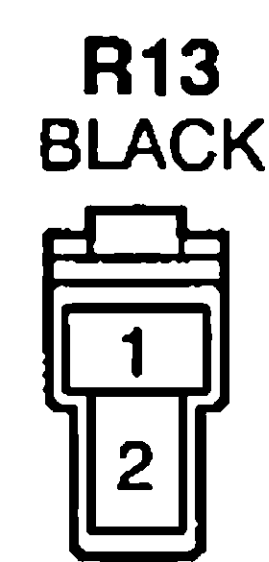
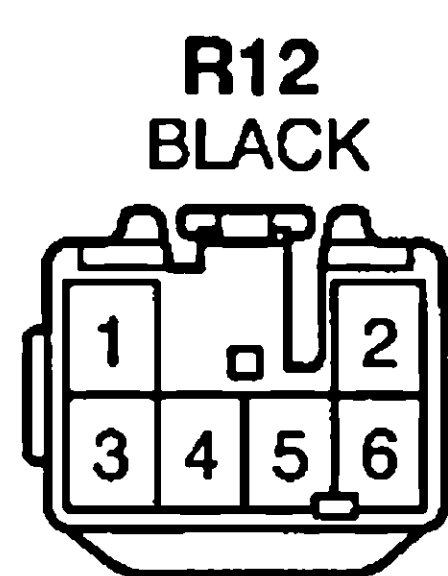
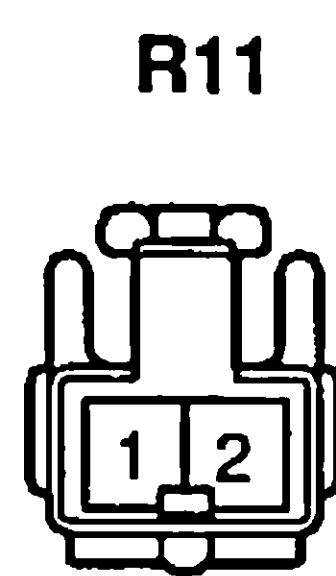
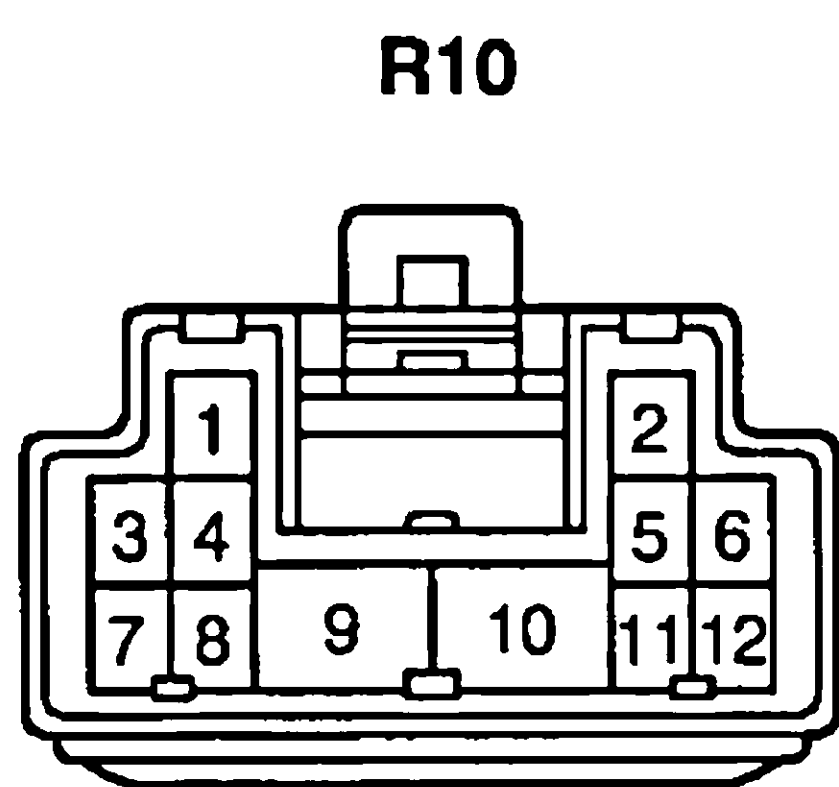
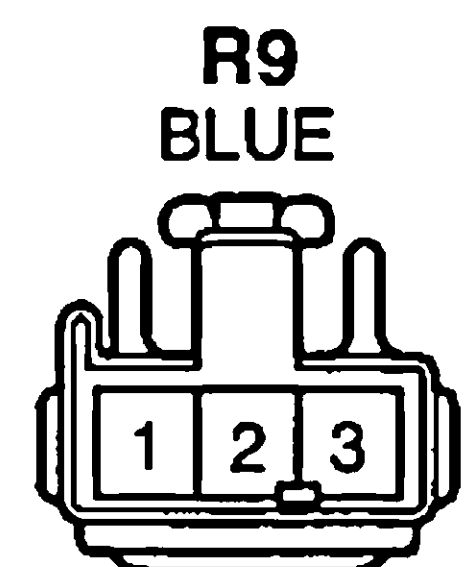
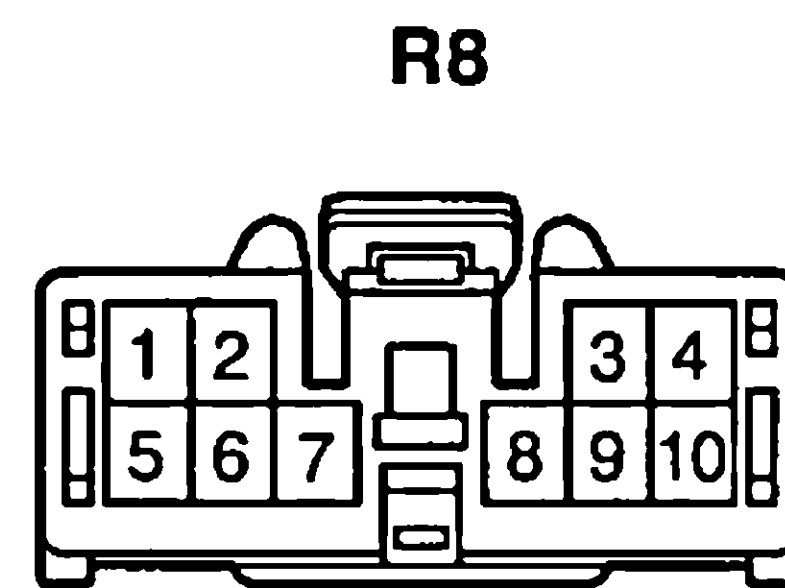
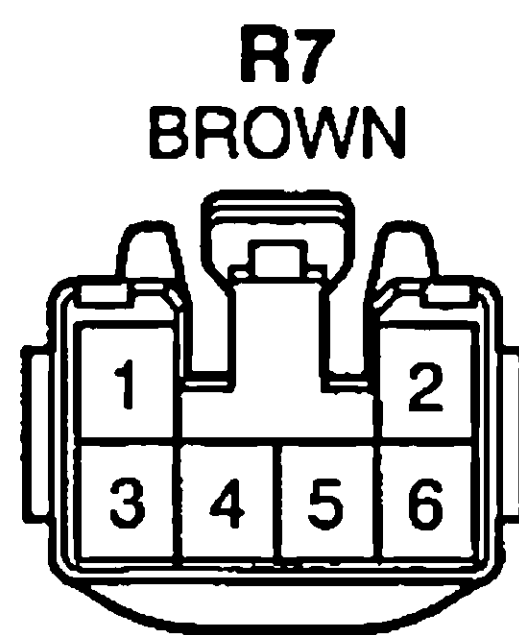
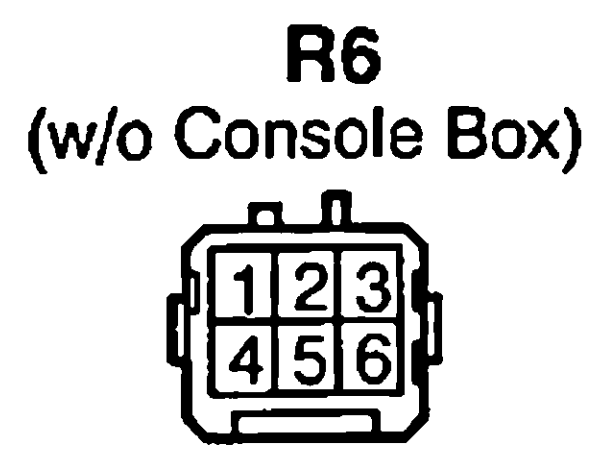
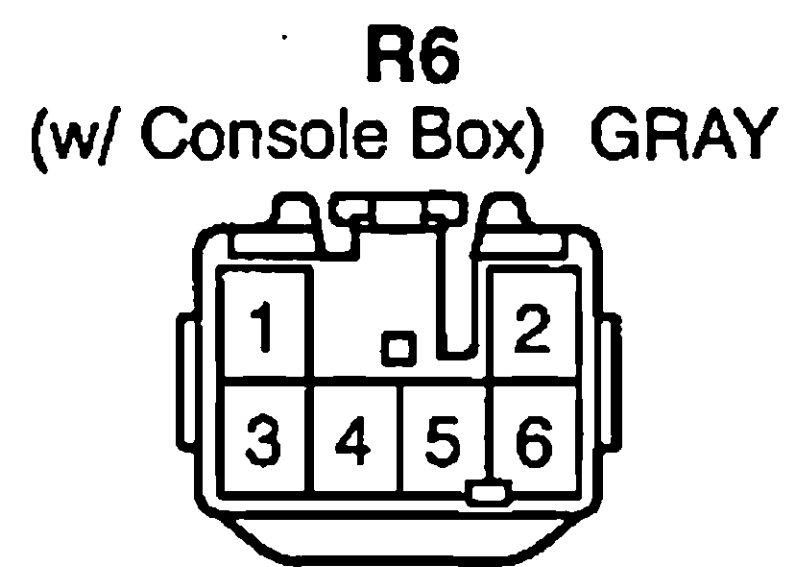
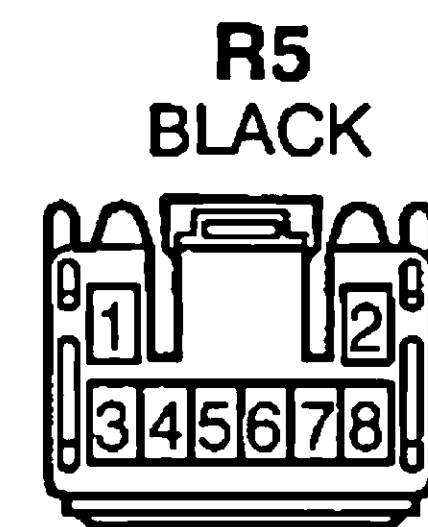
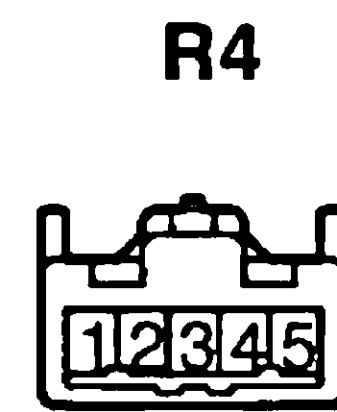
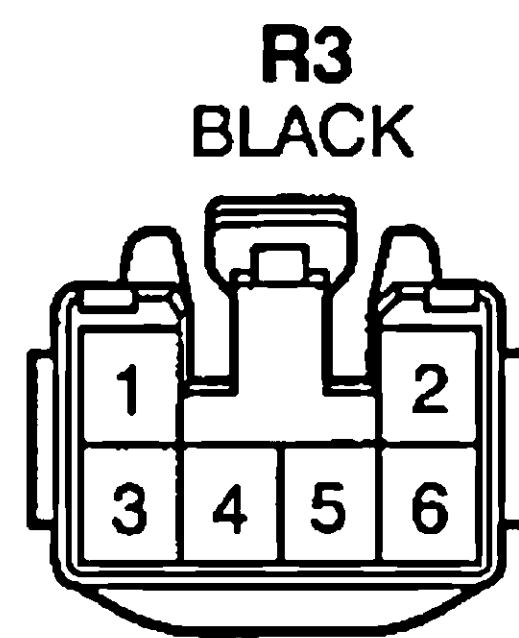
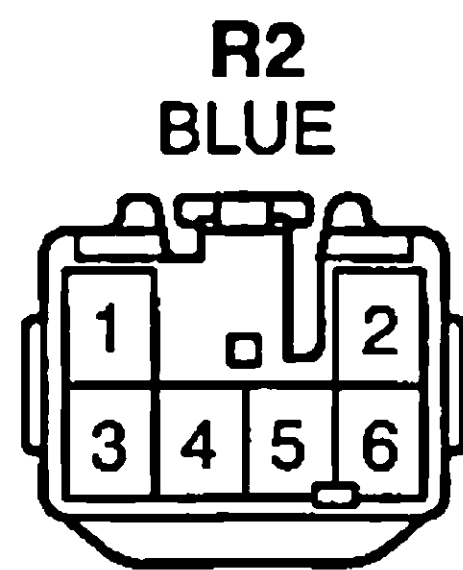
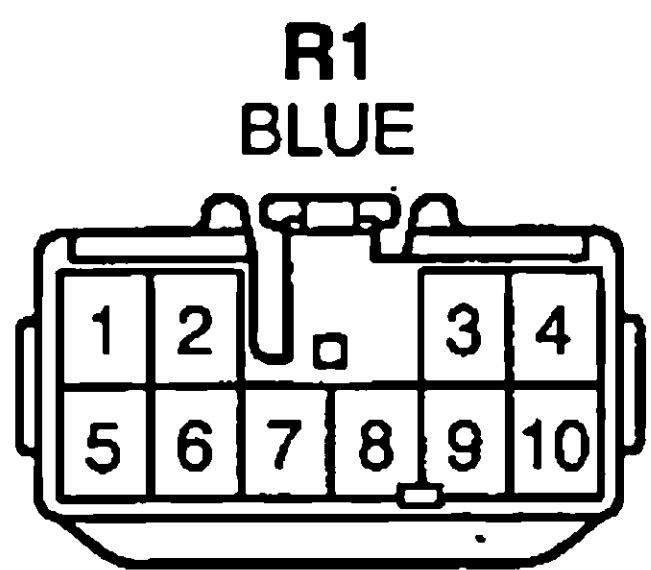


L2

M1
(Except Australia) GRAY (Australia) GRAYM2
BLACK

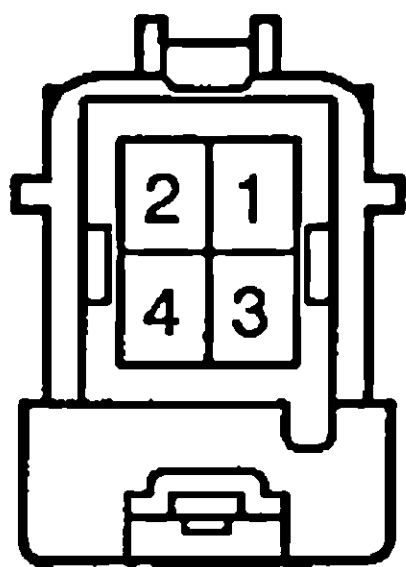
F CONNECTOR LIST



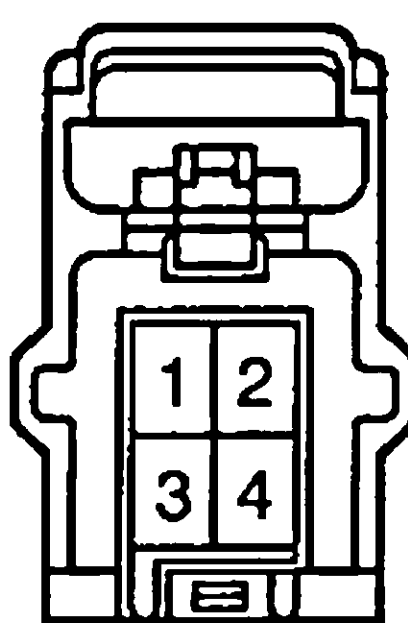


F CONNECTOR LIST

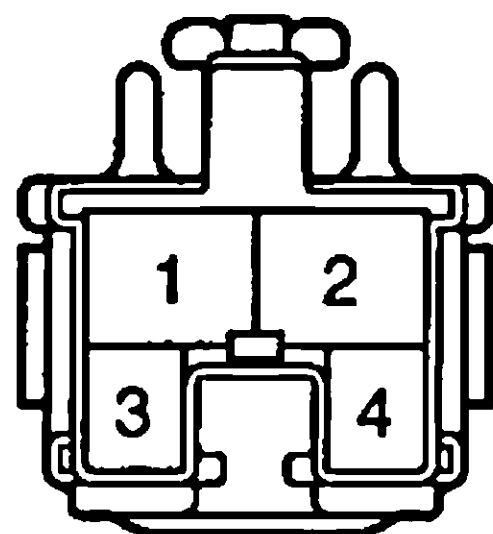
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YELLOW



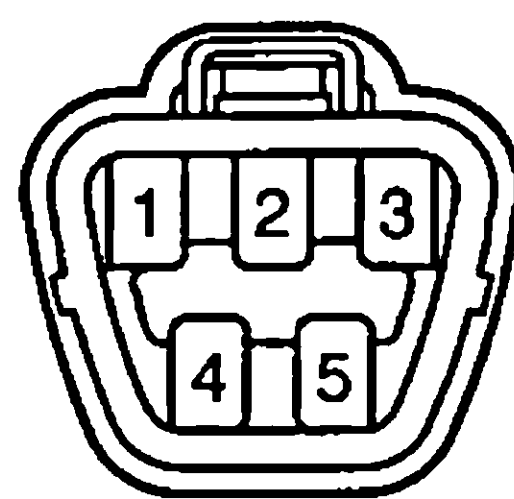
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YELLOW



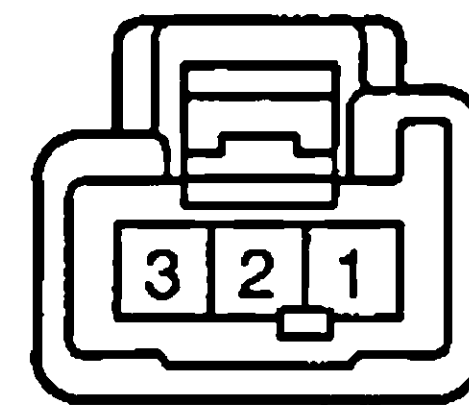
S9
BROWN



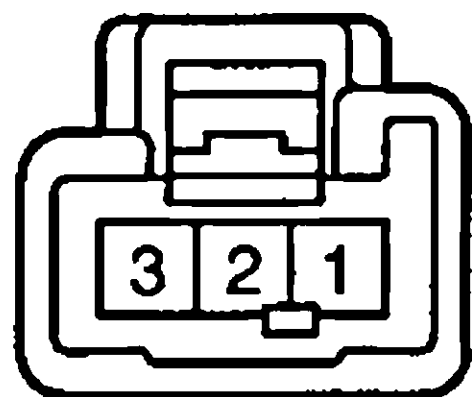
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DARK GRAY



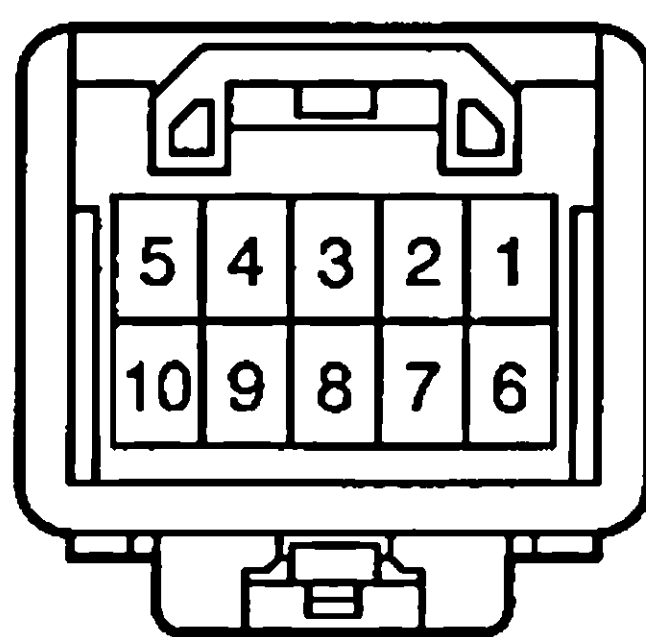
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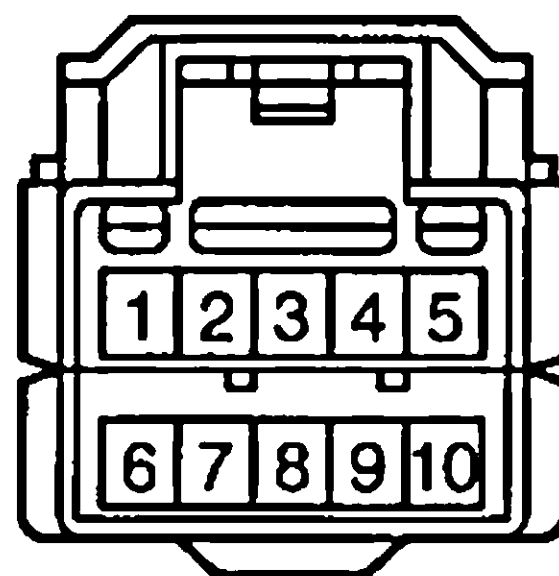
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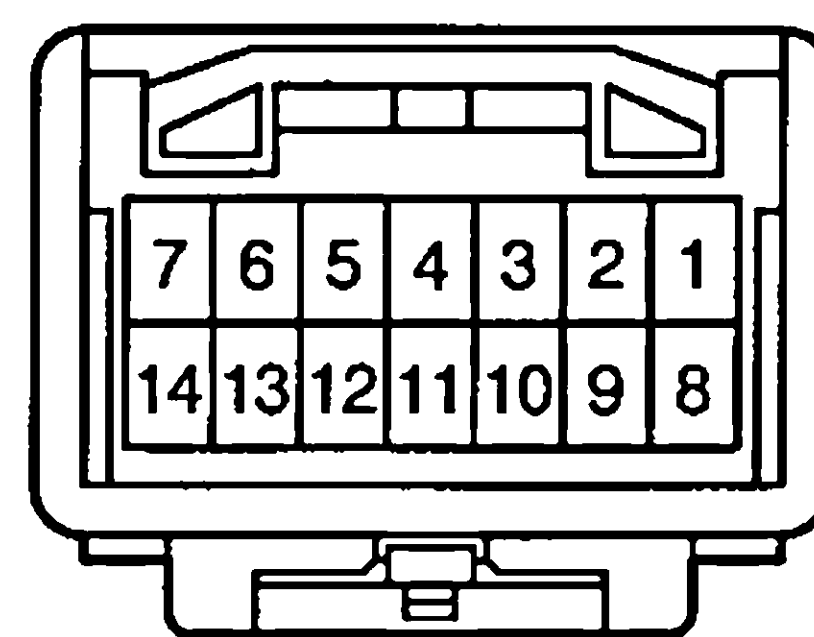
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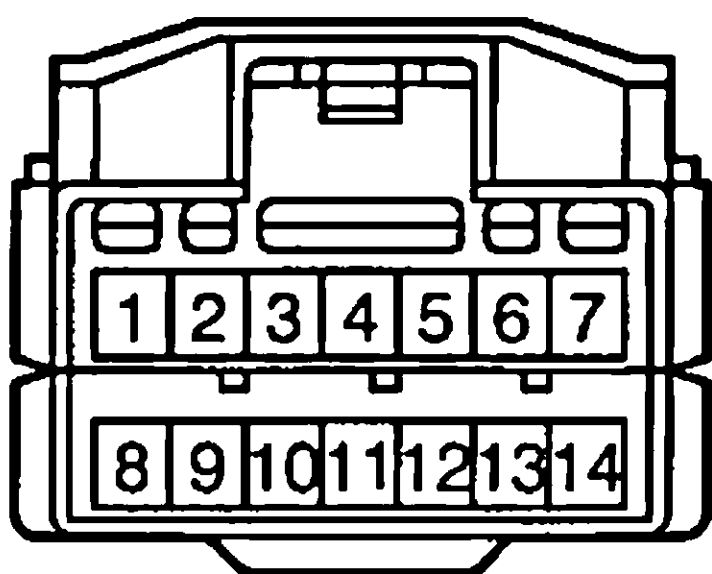
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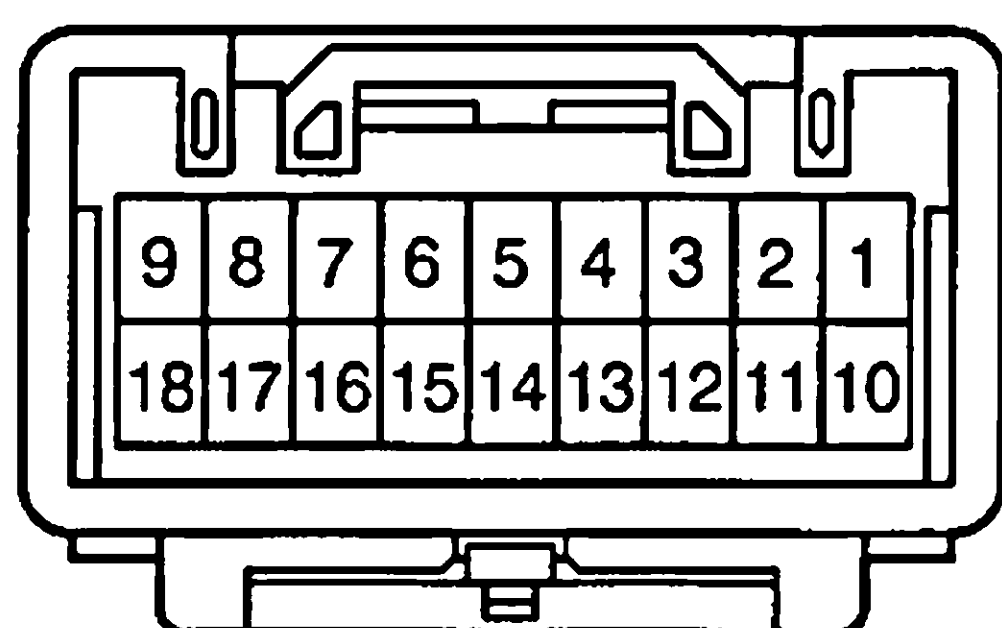
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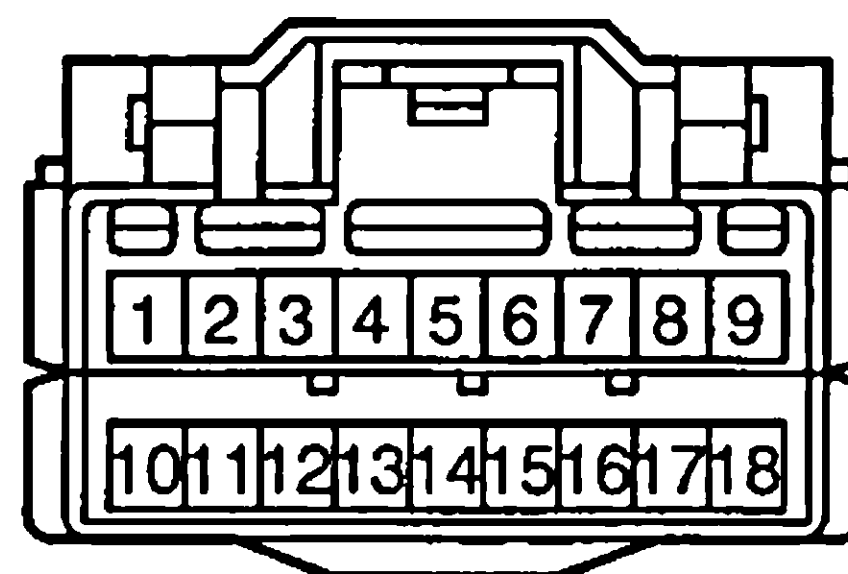
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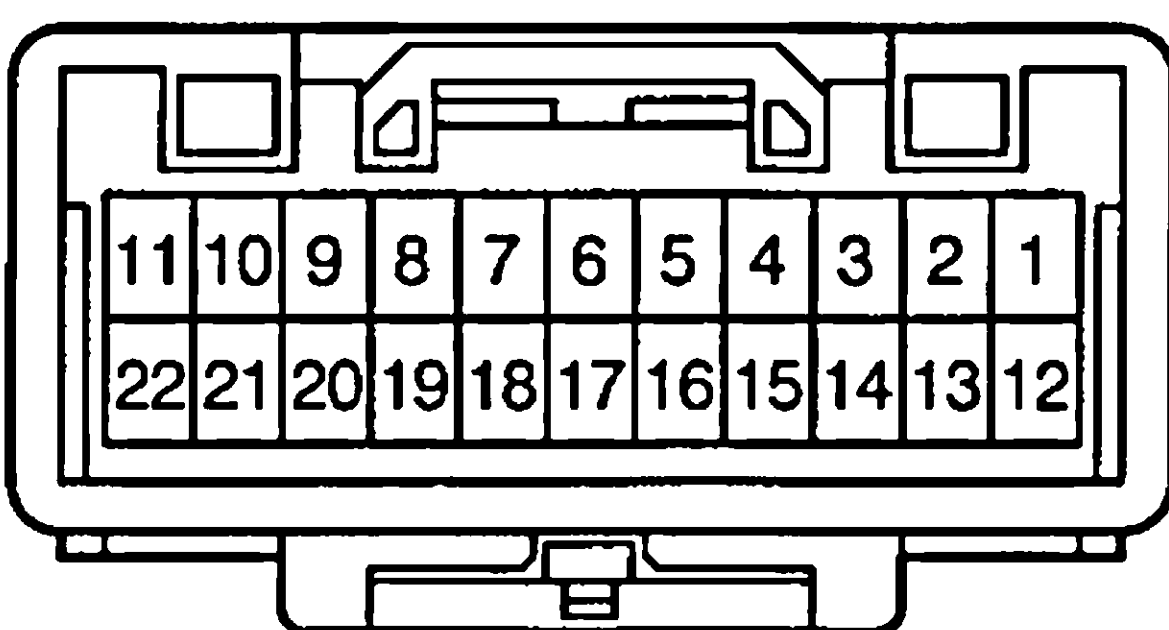
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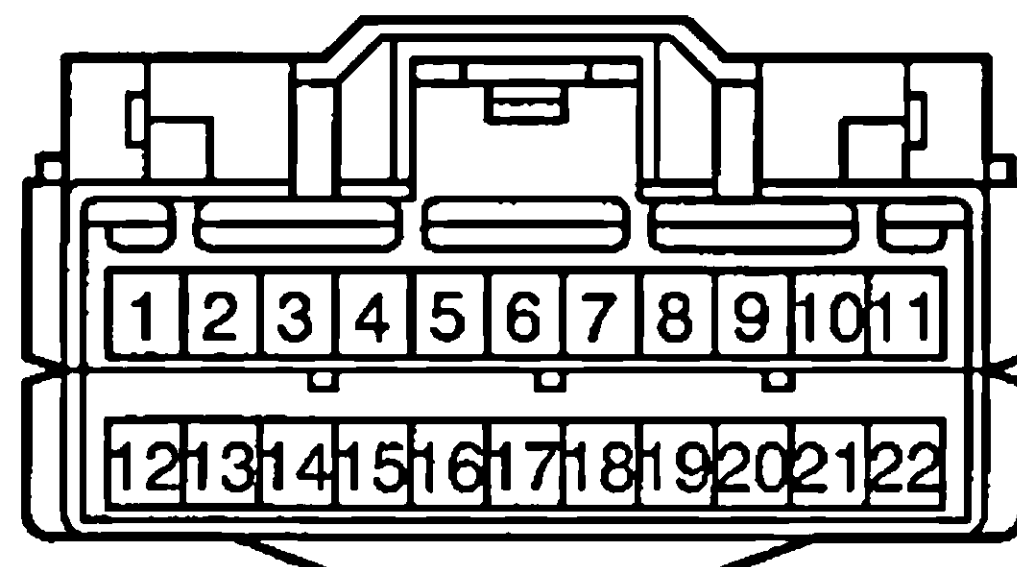
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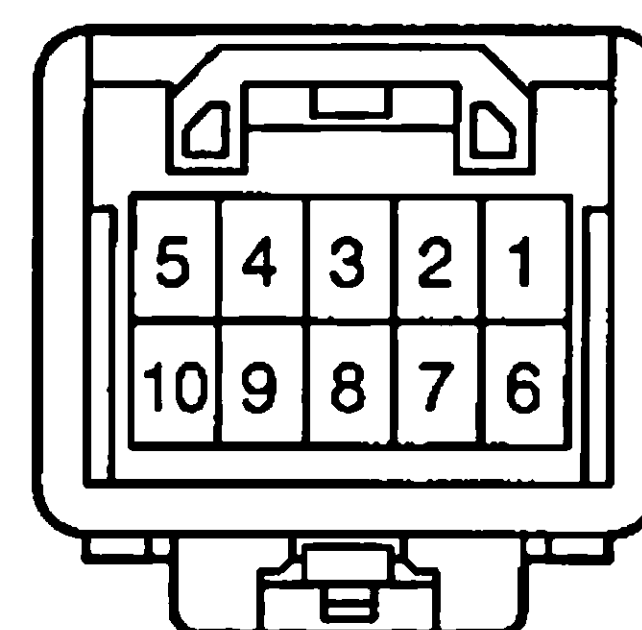
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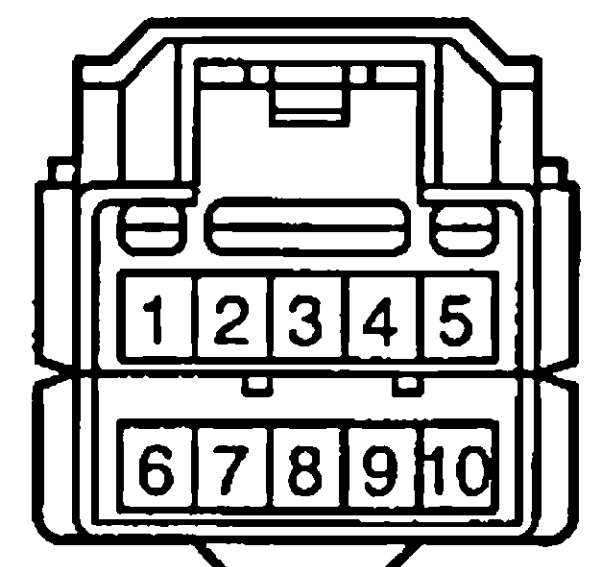
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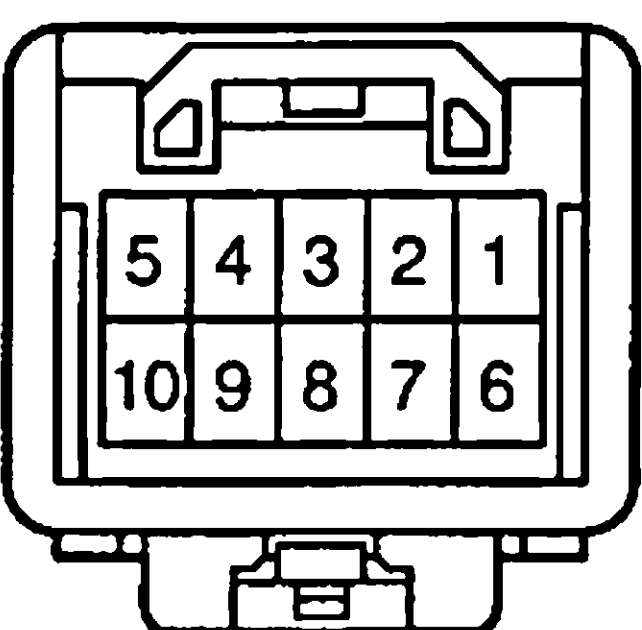
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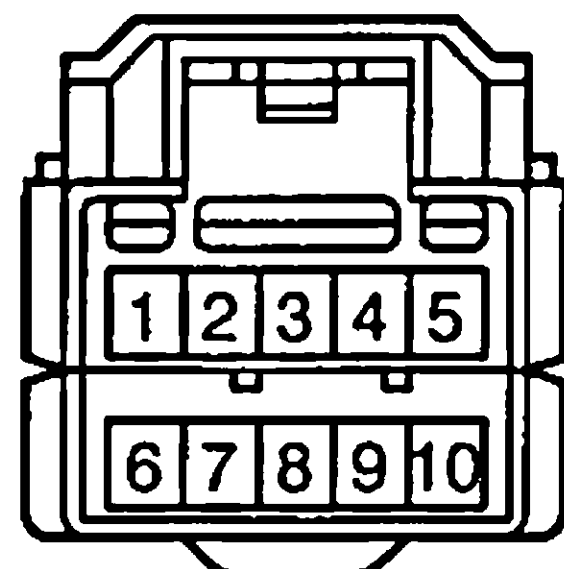
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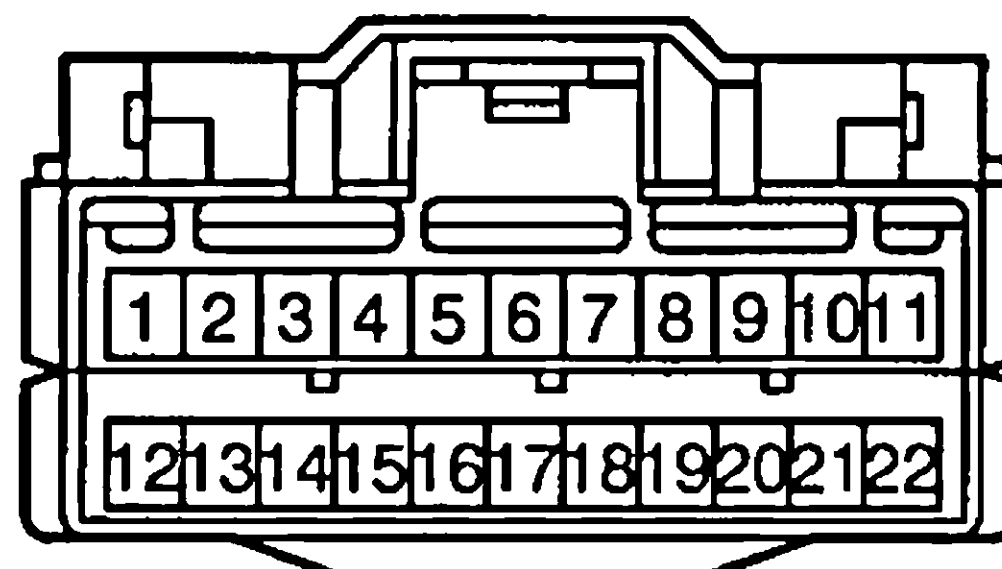
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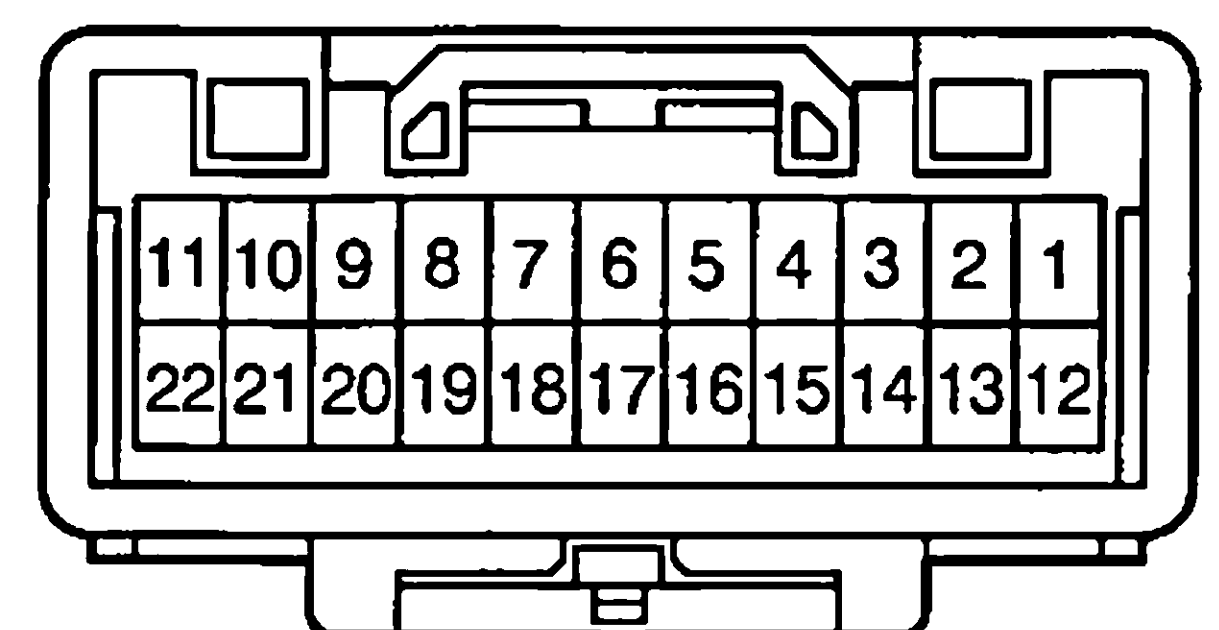
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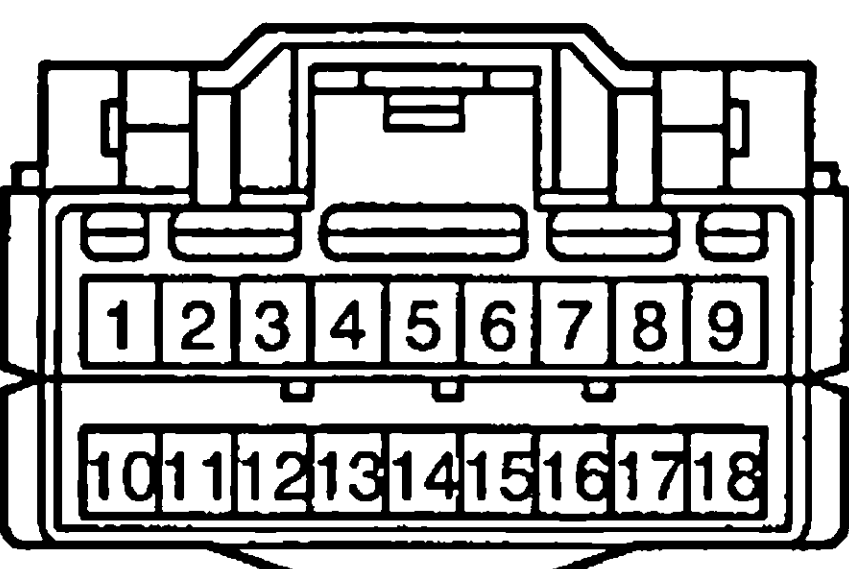
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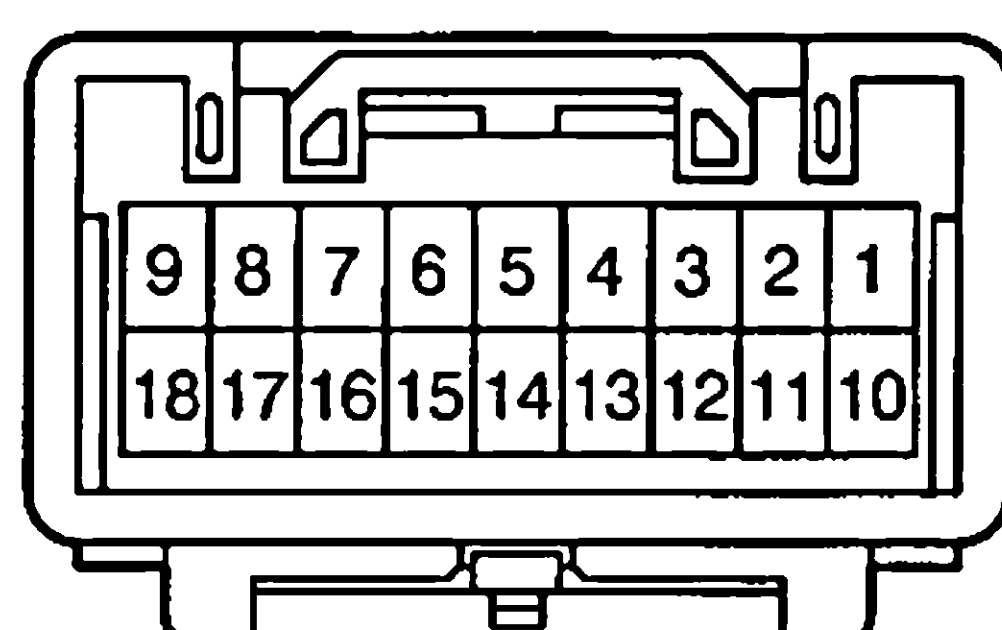
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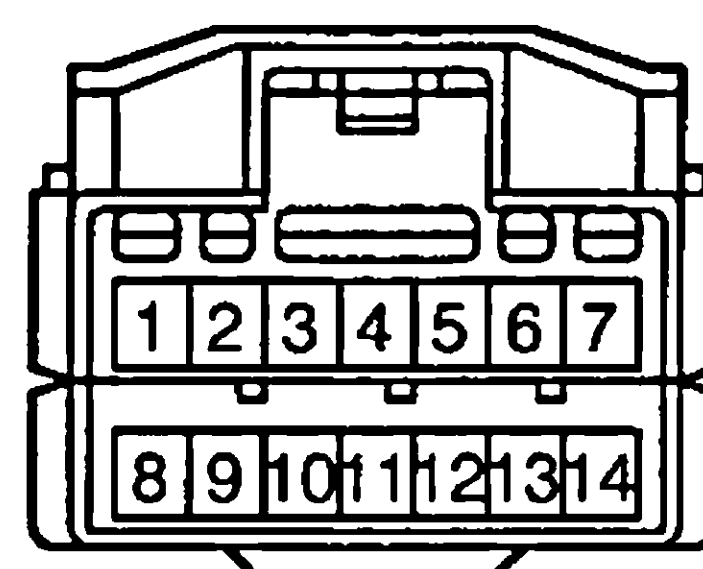
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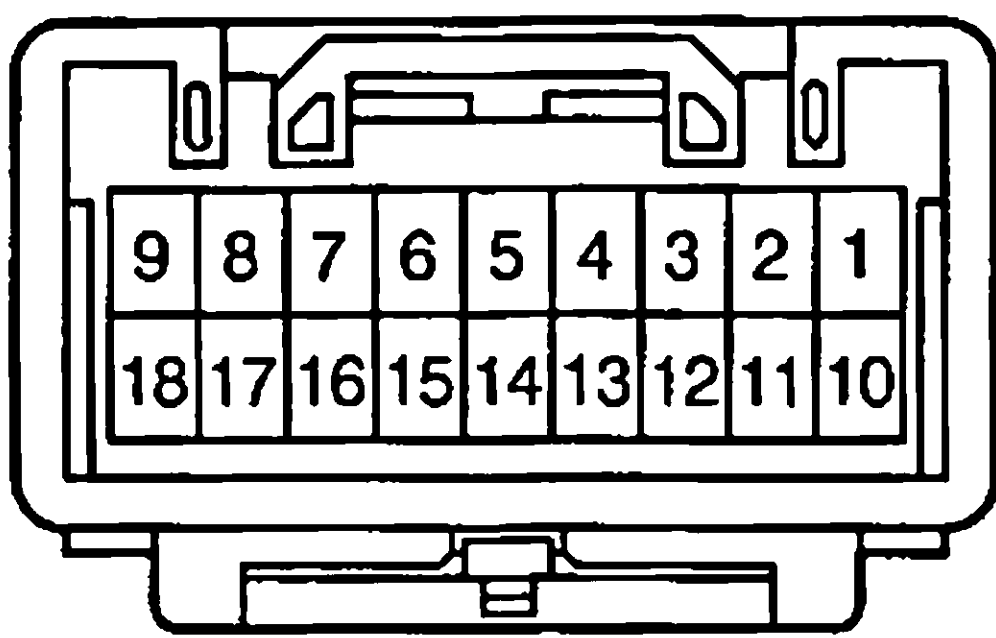
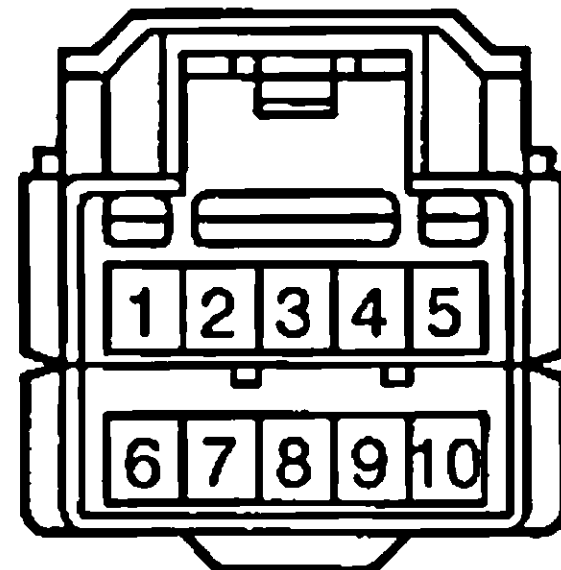
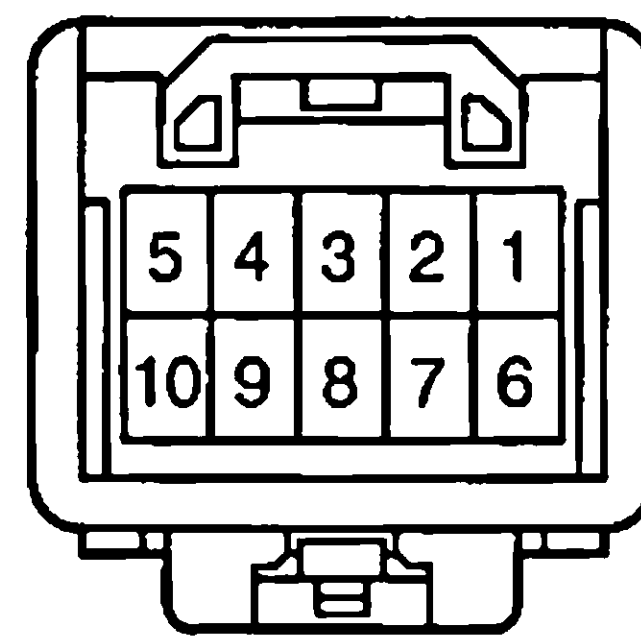
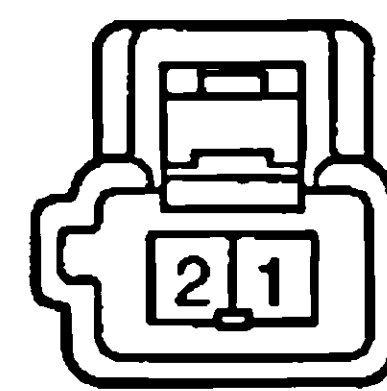
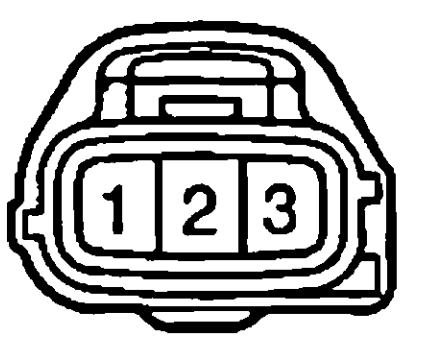
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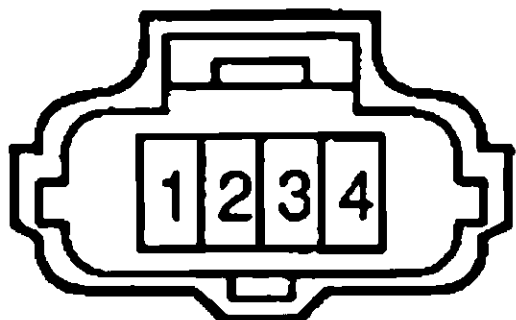
S29



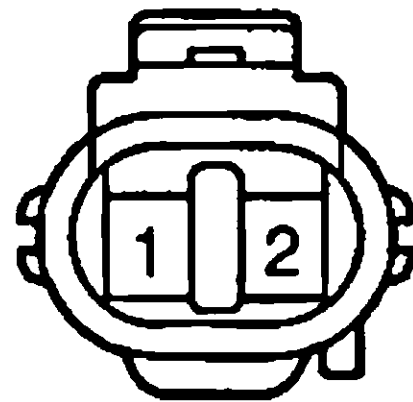
* 5 : Except 1KZ-FE Australia * 8 : 3RZ-FE Leaded Gasoline
 * 6 : 1KZ-FE Australia * 9 : 3RZ-FE Unleaded Gasoline

S30**S31****S32****S33**
BLACK**T1**
(5VZ-FE, * 8) BLACK**T1**

(* 9, 1KZ-TE) BLACK

**T2**

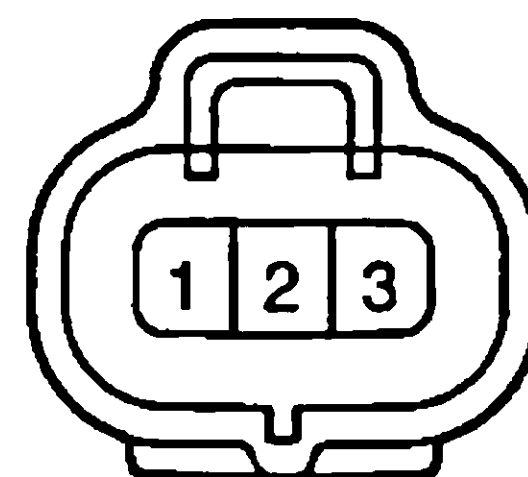
(* 5) DARK GRAY

**T2**

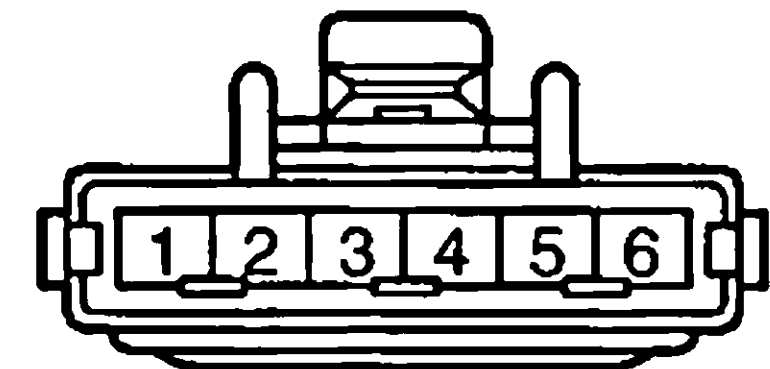
(* 6) BROWN

**T3**

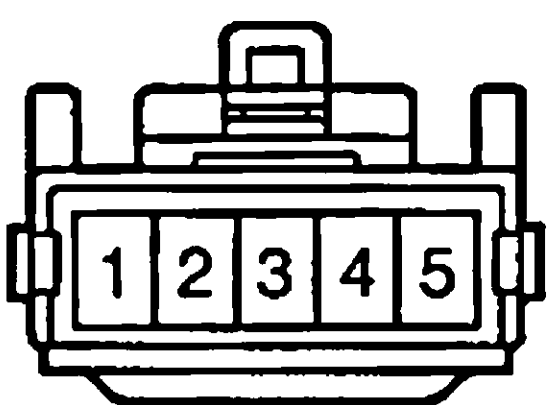
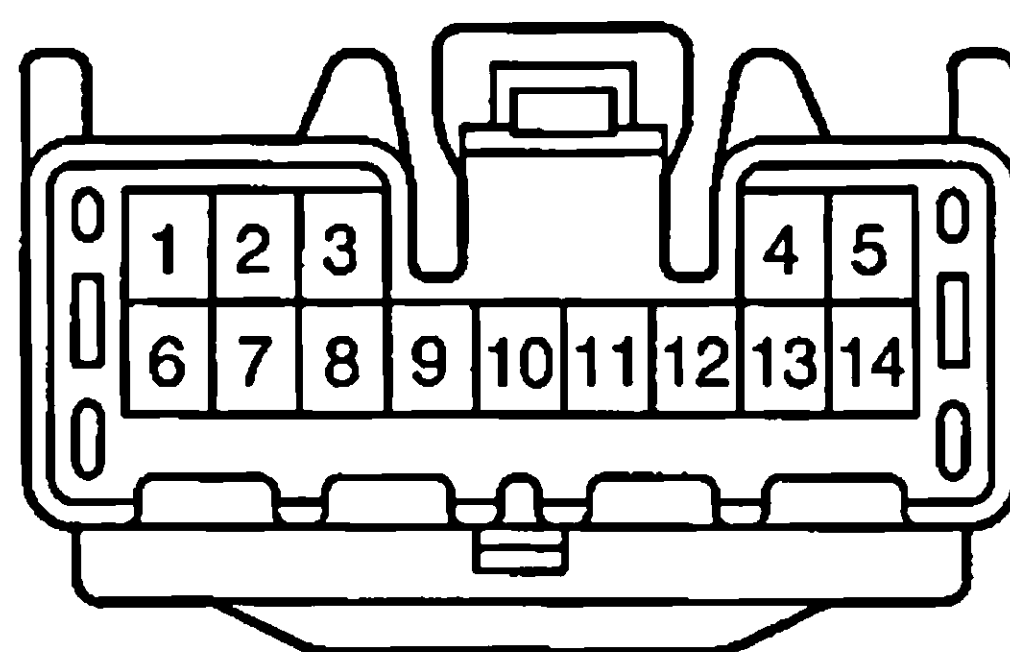
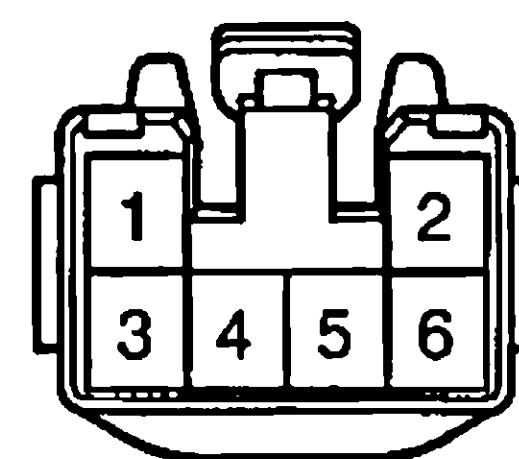
BLACK

**T4**

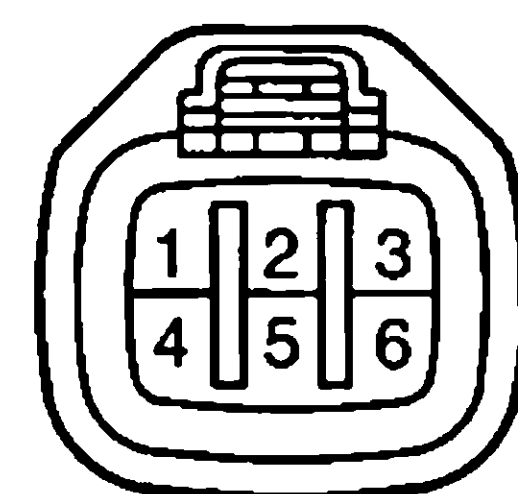
(5VZ-FE) BLACK

**T4**

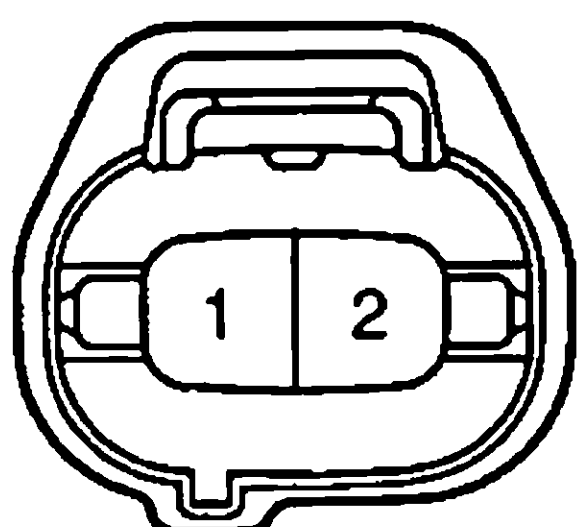
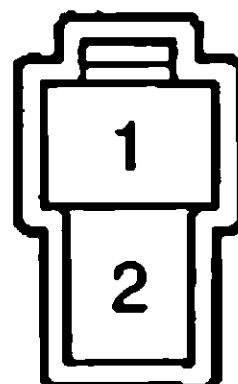
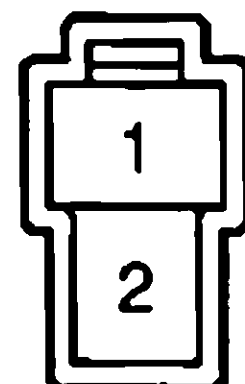
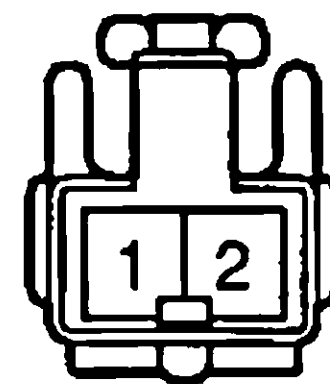
(1KZ-TE)

**T5****T6****T7**

BLACK

**T8**

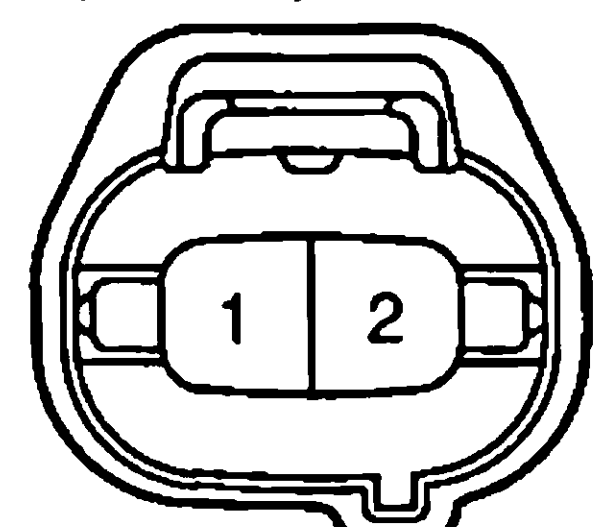
GRAY

**T9****T10****U1****V1**

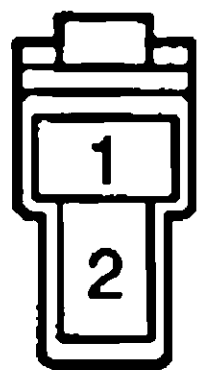
BLACK

**V2**

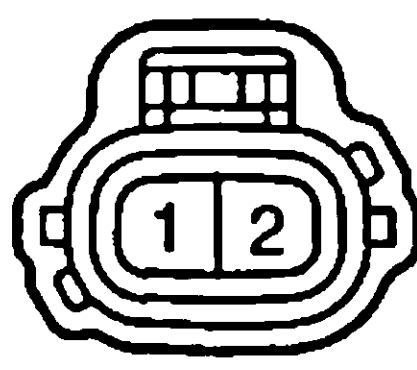
(1KZ-T) BLACK

**V2**

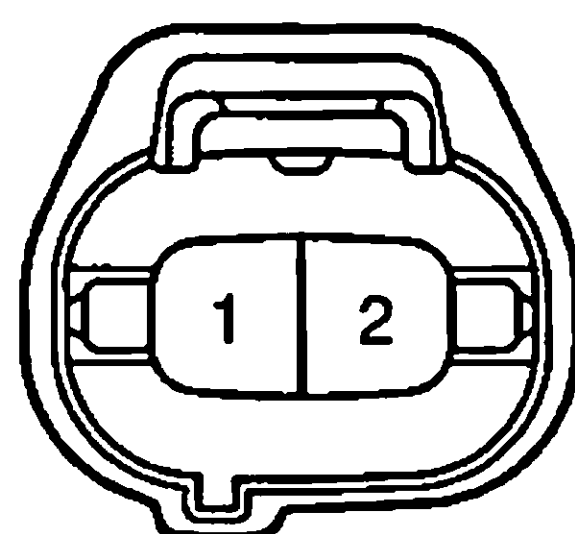
(3L) BLACK

**V3**

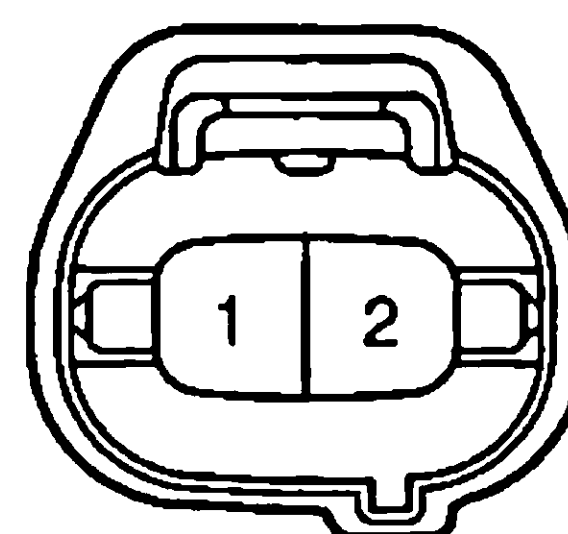
BROWN

**V4**

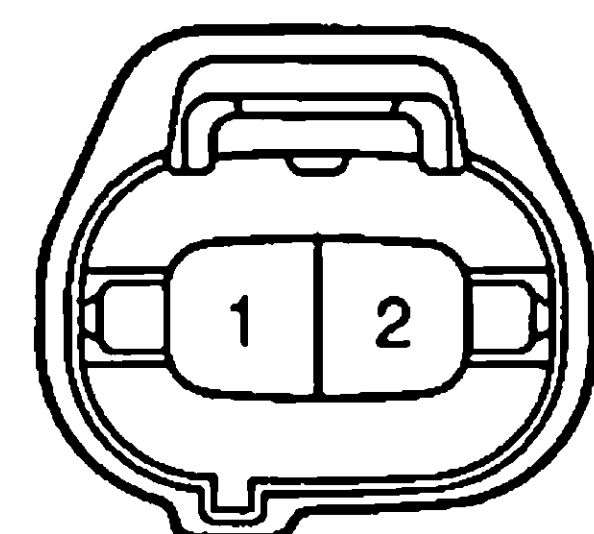
BLACK

**V5**

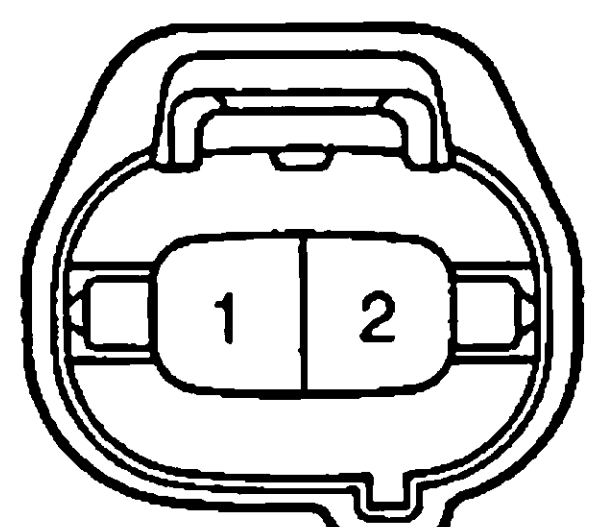
BLACK

**V6**

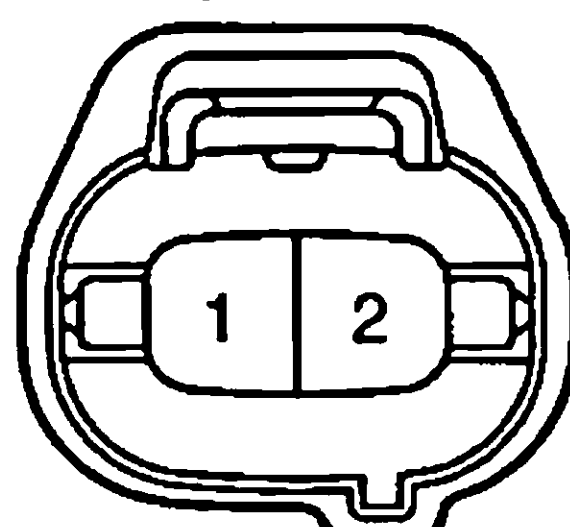
BROWN

**V7**

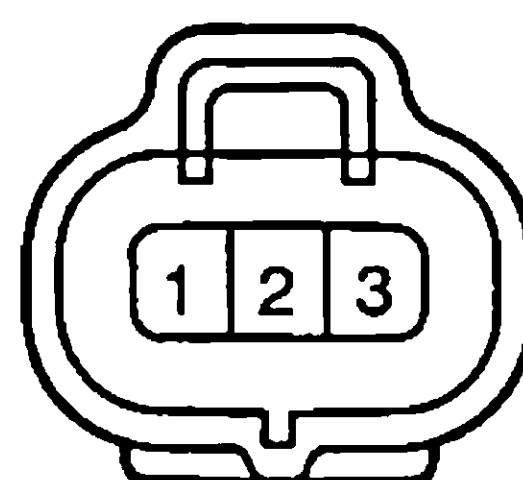
(1KZ-T) BLACK

**V7**

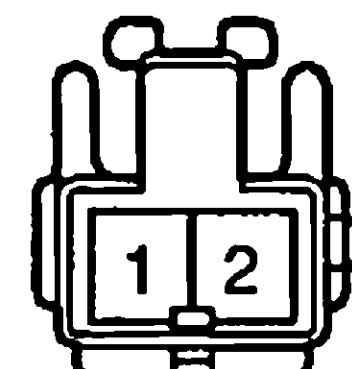
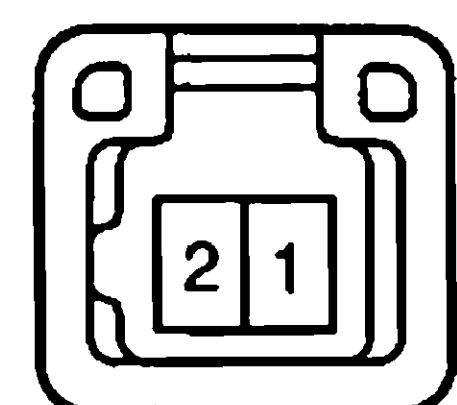
(3L) BROWN

**V8**

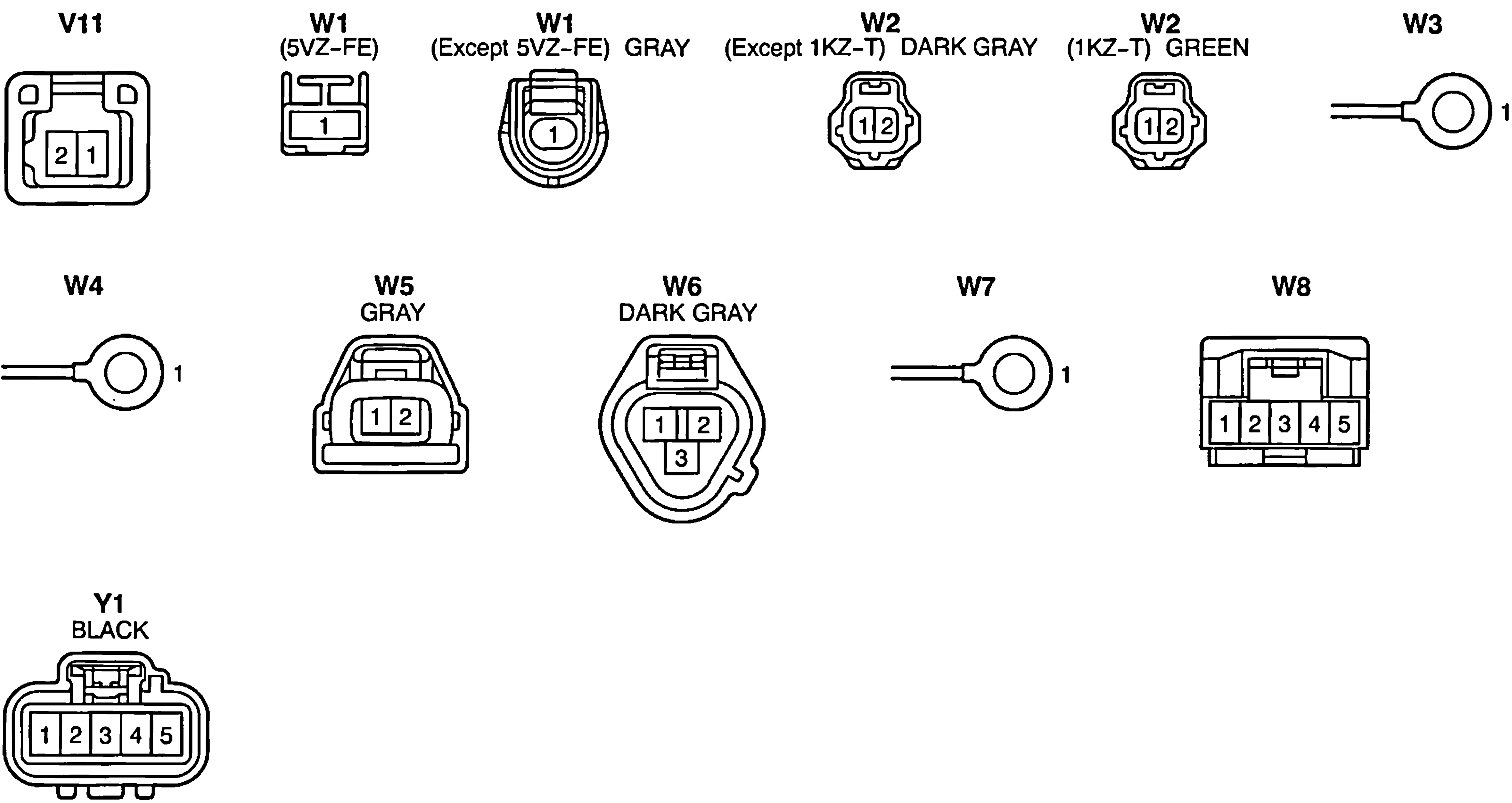
BLACK

**V9**

BLACK

**V10**

F CONNECTOR LIST



H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
A 1	A/C Condenser Fan Motor	90980-11237	A40	A/C Control Assembly	90980-11502
A 2	A/C Dual Pressure SW	90980-11149	A41	A/C Control Assembly	90980-11475
A 3	A/C Magnetic Clutch	90980-11271	A42	A/C Control Assembly	90980-11497
A 4	A/C Triple Pressure SW (A/C Dual and Single Pressure SW)	90980-10943	A43	A/C Magnetic Clutch Relay	90980-10801
A 5	A/T Fluid Temp. SW (5VZ-FE,3RZ-FE)	90980-10706	A44	A/C Power Transistor (Front)	90980-10171
	A/T Fluid Temp. SW (1KZ-TE)	90980-11025	A45	A/C Room Temp. Sensor	90980-10825
A 6	ABS Actuator	90980-10891	A46	A/C Solar Sensor	90980-11369
A 7	ABS Actuator	90980-11413	A47	Air Inlet Control Servo Motor (LHD)	90980-11321
A 8	ABS Relay	90980-10939		Air Inlet Control Servo Motor (RHD)	90980-10365
A 9	ABS Relay	90980-10940	A48	Air Mix Control Servo Motor and Water Temp. Sensor	90980-11529
A10	ABS Speed Sensor Front LH	90980-11075	A49	Air Vent Mode Control Servo Motor	90980-11321
A11	ABS Speed Sensor Front RH		A50	ABS & TRC & VSC ECU	90980-11935
A12	Air Cleaner Warning SW	90980-10184	A51	ABS & TRC & VSC ECU	90980-11476
A13	Air Flow Meter (5VZ-FE)	90980-11317	A52	ABS & TRC & VSC ECU	90980-11637
	Air Flow Meter (3RZ-FE)	90980-10845	A53	ABS & TRC & VSC ECU	90980-11638
A14	Alternator	90980-11349	A54	ABS and Traction ECU	90980-11935
A15	Alternator (LHD 3L)	90980-09123	A55	ABS and Traction ECU	90980-11476
	Alternator (Except LHD 3L)	90980-09212	A56	ABS and Traction ECU	90980-11637
A16	Auto Antenna Motor	90980-11194	A57	ABS and Traction ECU	90980-11638
A17	A/C Amplifier (w/ Rear A/C)	90980-10819	A58	Accel Position Sensor	90980-11232
	A/C Amplifier (w/o Rear A/C)	90980-10801	A59	Accelerator Pedal SW	90980-10825
A18	A/C SW	90980-10631	A60	A/C Power Transistor (Rear)	90980-10216
A19	A/C Thermistor (Front)	90980-10825	B 1	Back-Up Light SW	90980-11250
A20	ABS Deceleration Sensor	90980-11143	B 2	Brake Fluid Level Warning SW	90980-11207
A21	ABS ECU	90980-11565	B 3	Brake Vacuum Warning SW	90980-11252
A22	ABS ECU	90980-11390	B 4	Blower Motor (Except G.C.C.)	90980-10214
A23	Accessory Meter	90980-11533		Blower Motor (G.C.C.)	90980-10385
A25	Airbag Squib (Front Passenger Airbag Assembly)	90980-11886	B 5	Blower Resistor	90980-10171
A26	Airbag Squib (Steering Wheel Pad)	90980-10850	B 6	Blower SW	90980-10877
A27	Ashtray Illumination	-	B 7	Back Door Courtesy SW	90980-11367
A28	Auto Antenna Control Relay	90980-10819	B 8	Back Door Lock Motor,Door Key Lock and Unlock SW and Door Unlock Detection SW	90980-10891
A29	Auto Antenna SW	90980-10933			
A30	A/C Thermistor (Rear)	90980-10825	B 9	Buckle SW (Driver's Side)	90980-11211
A31	ABS Speed Sensor Rear LH	90980-11075	B10	Buckle SW (Front Passenger's Side)	
A32	ABS Speed Sensor Rear RH		C 1	Camshaft Position Sensor	90980-10947
A33	A/C Ambient Temp. Sensor	90980-11070	C 3	Check Connector	90980-11323
A34	ABS & TRC & VSC Actuator	90980-11009	C 4	Crankshaft Position Sensor (5VZ-FE)	90980-10947
A35	ABS & TRC & VSC Actuator	90980-11413		Crankshaft Position Sensor (3RZ-FE)	90980-11016
A36	ABS & TRC & VSC Actuator	90980-11151		Crankshaft Position Sensor (1KZ-TE)	90980-11162
A37	ABS and Traction Actuator	90980-11009	C 5	Cruise Control Actuator	90980-11150
A38	ABS and Traction Actuator	90980-11413	C 6	Cigarette Lighter	90980-10760
A39	ABS and Traction Actuator	90980-11151	C 7	Cigarette Lighter Illumination	90980-11148
			C 9	Clock	90980-11013

Note : Not all of the above part numbers of the connector are established for the supply. In case of ordering a connector or terminal with wire, please confirm in advance if there is supply for it using "Parts Catalog News" (published by Parts Engineering Administration Dept.).

Nota : Toutes les références du connecteur ne sont pas définies pour la fourniture. Pour passer une commande d'un connecteur ou d'une borne avec fil, prière de vérifier préalablement si cette pièce est bien disponible en se reportant à "Parts Catalog News" (publié par le Département de la Gestion de l'Ingénierie).

Code	Part Name	Part Number	Code	Part Name	Part Number
C10	Clock and Sub Fuel Tank Gauge	90980-10799	E 1	ECT Solenoid (Except 1KZ-TE Australia)	90980-10919
C15	Combination SW (LHD)	90980-11672	E 1	ECT Solenoid (1KZ-TE Australia)	90980-10891
	Combination SW (RHD Except Europe)	90980-11671		Engine Oil Level Sensor	90980-10532
	Combination SW (RHD Europe)	90980-11672	E 3	ECT Pattern Select SW	90980-10933
C16	Combination SW	90980-11594	E 5	Engine ECU (M/T) or Engine and ECT ECU (A/T) (5VZ-FE, 1KZ-TE Australia)	90980-11421
C17	Combination SW (w/ SRS)	90980-11616		Engine ECU (M/T) or Engine and ECT ECU (A/T) (3RZ-FE, 1KZ-TE Except Australia)	90980-11390
	Combination SW (w/o SRS)	90980-10964	E 6	Engine ECU (M/T) or Engine and ECT ECU (A/T) (5VZ-FE, 1KZ-TE Australia)	90980-11476
C18	Cruise Control Clutch SW	90980-10906		Engine ECU (M/T) or Engine and ECT ECU (A/T) (3RZ-FE, 1KZ-TE Except Australia)	90980-11391
C19	Cruise Control ECU	90980-11391	E 7	Engine ECU (M/T) or Engine and ECT ECU (A/T) (5VZ-FE, 1KZ-TE Australia)	90980-11638
C20	Center Airbag Sensor Assembly	90980-11871		Engine ECU (M/T) or Engine and ECT ECU (A/T) (3RZ-FE)	90980-11408
C21	Center Airbag Sensor Assembly	90980-11872		Engine ECU (M/T) or Engine and ECT ECU (A/T) (1KZ-TE Except Australia)	90980-11392
C22	Center Airbag Sensor Assembly	90980-11873	E 8	Engine ECU (M/T) or Engine and ECT ECU (A/T) (5VZ-FE, RHD 1KZ-TE)	90980-11637
C23	Center Diff. Lock Control Motor	90980-11024		Engine ECU (M/T) or Engine and ECT ECU (A/T) (3RZ-FE Leaded Gasoline)	90980-11408
C24	Combination Meter	82824-28160		Engine ECU (M/T) or Engine and ECT ECU (A/T) (3RZ-FE Unleaded Gasoline)	90980-11392
C25	Combination Meter	82824-28140	E10	Extra High Speed Relay	90980-10221
C26	Center Diff. Lock Control SW	90980-10997		Front Clearance Light LH	90980-11016
C27	Center Diff. Lock ECU	90980-10801	F 2	Front Clearance Light RH	
C28	Combination SW	90980-11581	F 3	Front Side Turn Signal Light LH	90980-11162
D 1	Detection SW (Transfer 4WD Position) or (Center Diff. Lock)	90980-11156	F 4	Front Side Turn Signal Light RH	
D 2	Detection SW (Transfer L4 Position)		F 5	Front Turn Signal Light LH	90980-11019
D 3	Detection SW (Transfer Neutral Position)	90980-10923	F 6	Front Turn Signal Light RH	
D 4	Distributor	90980-11150	F 7	Front Washer Motor and Headlight Cleaner Motor	90980-11413
D 5	Daytime Running Light Relay	90980-10807	F 8	Front Wiper Motor	90980-11599
D 7	Diode (Glow Plug)	90980-10962	F 9	Fuel Filter Warning SW	90980-11002
D 8	Diode (Headlight Beam Level Control)		F10	Fuel Heater	90980-10928
D10	Door Lock Control SW	90980-10127	F11	Fuel Temp. Sensor	90980-10737
D11	Detection SW (Rear Diff. Lock)	90980-11250	F12	Front Speaker (Instrument Panel)	90980-10935
D12	Door Courtesy SW Front LH	90980-11097	F13	Fuel Pump Select Relay or Short Connector	90980-10173
D13	Door Courtesy SW Front RH		F14	Fuel Tank Changeover SW	90980-10127
D14	Door Courtesy SW Rear LH		F15	4WD Control ECU	90980-10801
D15	Door Courtesy SW Rear RH		F16	Front Speaker LH	90980-10935
D16	Door Key Lock and Unlock SW LH	90980-11170	F17	Front Speaker RH	
D17	Door Key Lock and Unlock SW RH		F18	Fuel Pump	90980-11038
D18	Door Lock Motor and Door Unlock Detection SW Front LH	90980-11150	F19	Fuel Return Solenoid Valve	90980-10157
D19	Door Lock Motor and Door Unlock Detection SW Front RH		F20	Fuel Sender	90980-10834
D20	Door Lock Motor and Door Unlock Detection SW Rear LH				
D21	Door Lock Motor and Door Unlock Detection SW Rear RH				
D22	DLC3	90980-98012			
D23	Deceleration Sensor	90980-11182			

Nota : No todos los números de las partes del conector indicados arriba están dispuestos para el suministro. Al pedir un conector o terminal con cable, asegúrese, de antemano, de que esté suministrado refiriéndose a "Parts Catalog News" (publicado por el Departamento Administrativo de Ingeniería de las Partes).

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H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
F21	Fuel Solenoid Valve	90980-10157	I16	Intake Air Temp. Sensor (3RZ-FE,1KZ-TE Except Australia)	90980-11163
F22	Front Airbag Sensor LH	90980-11856		Intake Air Temp. Sensor (1KZ-TE Australia)	90980-11025
F23	Front Airbag Sensor RH		90980-11660	I17	ISC Valve (5VZ-FE,3RZ-FE Unleaded Gasoline)
F24	Front Fog Light LH	ISC Valve (3RZ-FE Leaded Gasoline)			
F25	Front Fog Light RH	90980-10923	I18	Idle-Up SW	90980-10797
F26	First Position SW	90980-11028	I19	Ignition SW	90980-11615
F27	Fuel Pump Control ECU	99141-13004	I22	Interior Light	90980-10935
G 1	Glow Plug (1KZ-TE,1KZ-T)	90980-09318	I23	Ignition Coil and Igniter No.1	90980-11150
	Glow Plug (3L)	90980-10897	I24	Ignition Coil and Igniter No.2	
H 1	Headlight Beam Level Control Actuator LH		J 1	Junction Connector	90980-11661
H 2	Headlight Beam Level Control Actuator RH	90980-10939	J 2	Junction Connector	
H 3	Headlight Cleaner Relay	90980-11314	J 3	Junction Connector	90980-10976
H 4	Headlight LH		J 4	Junction Connector	90980-11661
H 5	Headlight RH	90980-11028	J 5	Junction Connector	
H 6	Heated Oxygen Sensor	90980-10619	J 6	Junction Connector	90980-10803
H 7	Horn LH		J 7	Junction Connector	
H 8	Horn RH	90980-10801	J 8	Junction Connector	
H 9	Hazard SW	90980-10997	J 9	Junction Connector	90980-11661
H10	Headlight Beam Level Control SW	90980-10825	J10	Junction Connector	
H11	High Mounted Stop Light	90980-10895	J11	Junction Connector	
H12	Hydro Pump Motor	90980-11653	J12	Junction Connector	
I 1	Igniter (5VZ-FE)	90980-11024	J13	Junction Connector	90980-10803
	Igniter (3RZ-FE Unleaded Gasole)	90980-11246	J14	Junction Connector	90980-11502
I 4	Ignition Coil No.1		J15	Junction Connector	90980-11661
I 5	Ignition Coil No.2		J16	Junction Connector	
I 6	Ignition Coil No.3		90980-11157	J17	Junction Connector
I 7	Injection Pump (1KZ-T,3L)	90980-11028	J18	Junction Connector	90980-11502
	Injection Pump (1KZ-TE)	90980-11163	J19	Junction Connector	90980-11542
I 8	Injection Pump Resistor No.1	90980-11278	J20	Junction Connector	90980-11661
I 9	Injection Pump Resistor No.2	90980-11153	J21	Junction Connector	
I10	Injector No.1 (5VZ-FE,3RZ-FE Unleaded Gasoline)	90980-11875	J22	Junction Connector	90980-11502
	Injector No.1 (3RZ-FE Leaded Gasoline)	90980-11153	J23	Junction Connector	90980-10976
I11	Injector No.2 (5VZ-FE,3RZ-FE Unleaded Gasoline)	90980-11875	J24	Junction Connector	90980-11661
	Injector No.2 (3RZ-FE Leaded Gasoline)	90980-11153	J25	Junction Connector	
I12	Injector No.3 (5VZ-FE,3RZ-FE Unleaded Gasoline)	90980-11875	J26	Junction Connector	
	Injector No.3 (3RZ-FE Leaded Gasoline)	90980-11153	J27	Junction Connector	
I13	Injector No.4 (5VZ-FE,3RZ-FE Unleaded Gasoline)	90980-11875	J28	Junction Connector	90980-11661
	Injector No.4 (3RZ-FE Leaded Gasoline)	90980-11153	J29	Junction Connector	
I14	Injector No.5	90980-11153	J30	Junction Connector	90980-10803
I15	Injector No.6		J31	Junction Connector	
			J32	Junction Connector	

Note : Not all of the above part numbers of the connector are established for the supply. In case of ordering a connector or terminal with wire, please confirm in advance if there is supply for it using "Parts Catalog News" (published by Parts Engineering Administration Dept.).

Nota : Toutes les références du connecteur ne sont pas définies pour la fourniture. Pour passer une commande d'un connecteur ou d'une borne avec fil, prière de vérifier préalablement si cette pièce est bien disponible en se reportant à "Parts Catalog News" (publié par le Département de la Gestion de l'Ingénierie).

Code	Part Name	Part Number	Code	Part Name	Part Number	
J33	Junction Connectot	90980-11502	P 6	Power Window Master SW and Door Lock Control SW (5-Door)	90980-10807	
J34	Junction Connector	90980-11661		Power Window Master SW and Door Lock Control SW (3-Door)	90980-10997	
J35	Junction Connector					
J36	Junction Connector	90980-10803	P 7	Power Window Motor Front LH	90980-11003	
J37	Junction Connector	90980-10976	P 8	Power Window Motor Front RH		
J38	Junction Connector	90980-11542	P 9	Power Window Motor Rear LH		
J39	Junction Connector	90980-10803	P10	Power Window Motor Rear RH		
J40	Junction Connector	90980-11542	P11	Power Window SW (Front Passenger's Side)	90980-10509	
J41	Junction Connector	90980-11661	P12	Power Window SW Rear LH		
J42	Junction Connector		P13	Power Window SW Rear RH		
J43	Junction Connector	90980-11398	P14	Personal Light	90980-10121	
J44	Junction Connector			P15	Power Seat Control SW (Driver's Seat Lumbar Support)	90980-10601
J45	Junction Connector			P16	Power Seat Control SW (Driver's Seat)	90980-10803
J46	Junction Connector	90980-11661	P17	Power Seat Control SW (Front Passenger's Seat)		
J47	Junction Connector			P18	Power Seat Motor (Driver's Seat Lumbar Support)	90980-10825
J48	Junction Connectot	90980-11542	P19	Power Seat Motor (Driver's Seat Rear Vertical Control)		
J49	Junction Connector	90980-10803	P20	Power Seat Motor (Driver's Seat Reclining Control)		
K 1	Knock Sensor	90980-11166	P21	Power Seat Motor (Driver's Seat Slide Control)		
K 2	Knock Sensor No.1		P22	Power Seat Motor (Front Passenger's Seat Reclining Control)		
K 3	Knock Sensor No.2		P23	Power Seat Motor (Front Passenger's Seat Slide Control)		
L 1	License Plate Light	90980-10437	P24	Pretensioner LH	90980-11862	
L 2	Luggage Compartment Light	90980-10121	P25	Pretensioner RH		
M 1	Magnetic Spill Valve (Except Australia)	90980-11286	P26	Power Steering Oil Pressure SW	90980-11428	
	Magnetic Spill Valve (Australia)	90980-11284	P27	Passenger Seat Belt Warning Light	90980-11296	
M 2	Mirror Heater SW	90980-10797	R 1	Radio and Player	90980-10997	
M 3	Moon Roof Control Relay	90980-10803	R 2	Radio and Player	90980-10996	
M 4	Moon Roof Control SW and Personal Light	90980-10367	R 3	Rear A/C SW (Front)	90980-10797	
M 5	Moon Roof Motor and Limit SW	90980-11011	R 4	Rear Diff. Lock SW	90980-10631	
M 6	Master Cylinder Pressure Sensor	90980-10845	R 5	Rear Fog Light SW	90980-11533	
N 1	Neutral Start SW, Back-Up Light SW and A/T Indicator SW	90980-11784	R 6	Rear Heater SW (Front) (w/ Console Box)	90980-10996	
	Rear Heater SW (Front) (w/o Console Box)			90980-10367		
N 2	Noise Filter (Ignition)	90980-10843	R 7	Rear Window Defogger SW	90980-10797	
N 4	Noise Filter (CIG)	90980-10214	R 8	Remote Control Mirror SW	90980-11450	
O 1	Oil Pressure SW (Except 3L)	90980-11363	R 9	Rheostat	90980-10908	
	Oil Pressure SW (3L)	90980-10703	R10	Rear A/C Control SW	90980-10879	
O 2	Outer Ambient Temp. Sensor	90980-11255	R11	Rear Heater Blower SW	90980-10860	
O 3	O/D Main SW and A/T Shift Lever Illumination	90980-11606	R12	Rear Heater SW (Rear)	90980-10996	
P 1	Pick-Up Sensor (Engine Speed Sensor)	90980-11250				
P 2	Power Outlet (Front)	90980-10760				
P 3	Pre-Heating Timer (1KZ-T)	90980-10803				
	Pre-Heating Timer (3L)	90980-10799				
P 4	Parking Brake SW	90980-10871				
P 5	Power Outlet (Rear)	90980-10860				

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H PART NUMBER OF CONNECTORS

Code	Part Name	Part Number	Code	Part Name	Part Number
R13	Rear A/C Blower Motor	90980-10214	S23	Short Connector	90980-11922
R14	Rear A/C Blower Resistor No.1	90980-10171	S24	Short Connector	90980-11924
R15	Rear A/C Blower Resistor No.2	99154-22020	S25	Short Connector	90980-11927
R16	Rear A/C Magnetic Valve	90980-10860	S26	Short Connector	90980-11926
R17	Rear A/C Relay	90980-10713	S27	Short Connector	90980-11914
R18	Rear Combination Light LH	90980-11011	S28	Short Connector	90980-11912
R19	Rear Combination Light LH	90980-11292	S29	Short Connector	90980-11925
R20	Rear Combination Light RH	90980-11011	S30	Short Connector	90980-11910
R21	Rear Combination Light RH	90980-11292	S31	Short Connector	90980-11924
R22	Rear Diff. Lock Motor	90980-11194	S32	Short Connector	90980-11922
R23	Rear Heater Blower Motor	90980-10214	S33	Seat Belt Warning Occupant Detection Sensor	90980-10905
R24	Rear Heater Blower Resistor	90980-10916	T 1	Throttle Position Sensor (5VZ-FE, 3RZ-FE Leaded Gasoline)	90980-11261
R25	Rear Heater Relay	82602-35050		Throttle Position Sensor (3RZ-FE Unleaded Gasoline,1KZ-TE)	90980-10711
R26	Rear Speaker LH	90980-10935	T 2	Timing Control Valve (Except 1KZ-TE Australia)	90980-11038
R27	Rear Speaker RH			Timing Control Valve (1KZ-TE Australia)	90980-11285
R28	Rear Washer Motor	90980-10214	T 3	Turbo Pressure Sensor	90980-10845
R29	Rear Window Defogger	90980-10792	T 4	Transponder Key Amplifier (5VZ-FE)	90980-10933
R30	Rear Window Defogger			Transponder Key Amplifier (1KZ-TE)	90980-10789
R31	Rear Wiper Motor	90980-10795	T 5	Transponder Key Computer	90980-11556
R33	Remote Control Mirror LH	90980-11353	T 6	Trailer Socket	90980-10797
R34	Remote Control Mirror RH		T 7	Throttle Control Motor	90980-11144
S 1	Speed Sensor (Combination Meter)	90980-11143	T 8	Throttle Open SW	90980-11156
S 2	Speed Sensor (ECT)	90980-11156	T 9	Tweeter LH	90980-10305
S 3	Starter (Gasoline)	90980-11400	T10	Tweeter RH	
	Starter (Diesel)	90980-11184	U 1	Unlock Warning SW	90980-10860
S 4	Starter	-	V 1	Variable Resistor	90980-10902
S 5	Seat Heater SW LH	90980-10797	V 2	VSV (A/C Idle-Up) (1KZ-T)	90980-11149
S 6	Seat Heater SW RH	90980-10996		VSV (A/C Idle-Up) (3L)	90980-10214
S 7	Short Connector (SRS)	90980-11891	V 3	VSV (EGR Valve)	90980-11162
S 8	Short Connector (SRS)	90980-11892	V 4	VSV (EVAP)	90980-11156
S 9	Stop Light SW	90980-11118	V 5	VSV (Intake Constrictor Control No.1)	90980-11149
S10	Sub Fuel Sender and Fuel Pump	90980-11077	V 6	VSV (Intake Constrictor Control No.2)	90980-11156
S11	Seat Heater (Driver's Side)	90980-10907	V 7	VSV (Intake Shutter) (1KZ-T)	90980-11149
S12	Seat Heater (Front Passenger's Side)			VSV (Intake Shutter) (3L)	
S13	Short Connector	90980-11922	V 8	Vacuum Sensor	90980-10845
S14	Short Connector	90980-11924	V 9	VSC Warning Buzzer	90980-10906
S15	Short Connector	90980-11910	V10	Vanity Light LH	90980-11368
S16	Short Connector	90980-11925	V11	Vanity Light RH	
S17	Short Connector	90980-11912	W 1	Water Temp. Sender (5VZ-FE)	90980-10359
S18	Short Connector	90980-11914		Water Temp. Sender (Except 5VZ-FE)	90980-11428
S19	Short Connector	90980-11926			
S20	Short Connector	90980-11927			
S21	Short Connector	90980-11922			
S22	Short Connector	90980-11924			

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Code	Part Name	Part Number	Code	Part Name	Part Number
W 2	Water Temp. Sensor (Except 1KZ-T)	90980-10737	W 6	Winch Motor and Control SW	90980-11016
	Water Temp. Sensor (1KZ-T)		W 7	Winch Motor and Control SW	-
W 3	Winch Main Relay	-	W 8	Wireless Door Lock ECU	90980-11909
W 4	Winch Main Relay		Y 1	Yaw Rate Sensor	90980-11904
W 5	Winch Main Relay	90980-10887			

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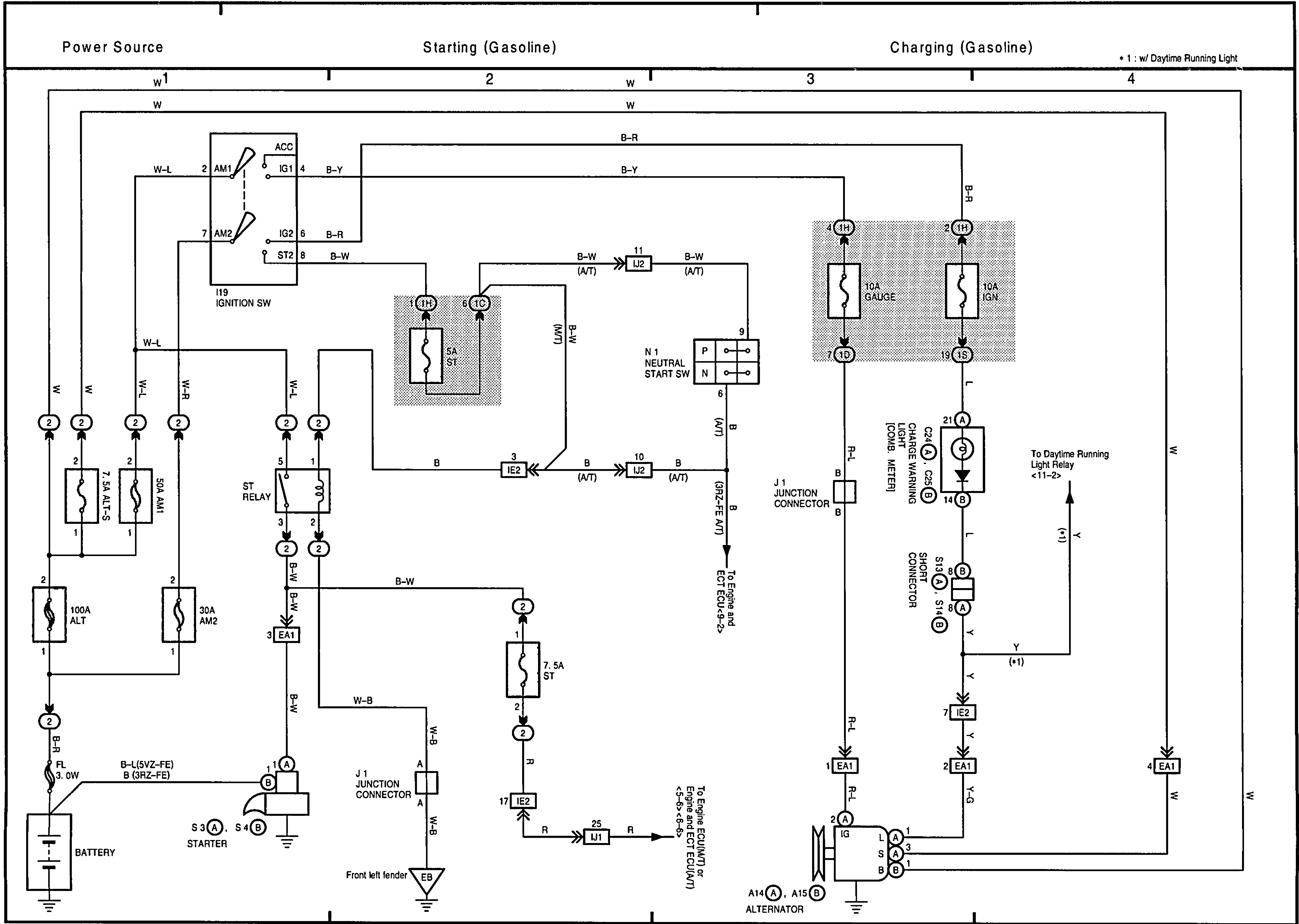
Anmerkung : Nicht alle der obenerwähnten Teile-Nummern der Stecker werden für die Lieferung etabliert. Im Falle der Bestellung von Stecker oder Anschlußklemme mit Draht bestätigen Sie bitte unter Verwendung der "Teile-Prospekt-Nachrichten" (herausgegeben durch die Teile-Engineering-Verwaltungsabteilung) im voraus, ob es entsprechende Lieferung gibt.

SYSTEM INDEX

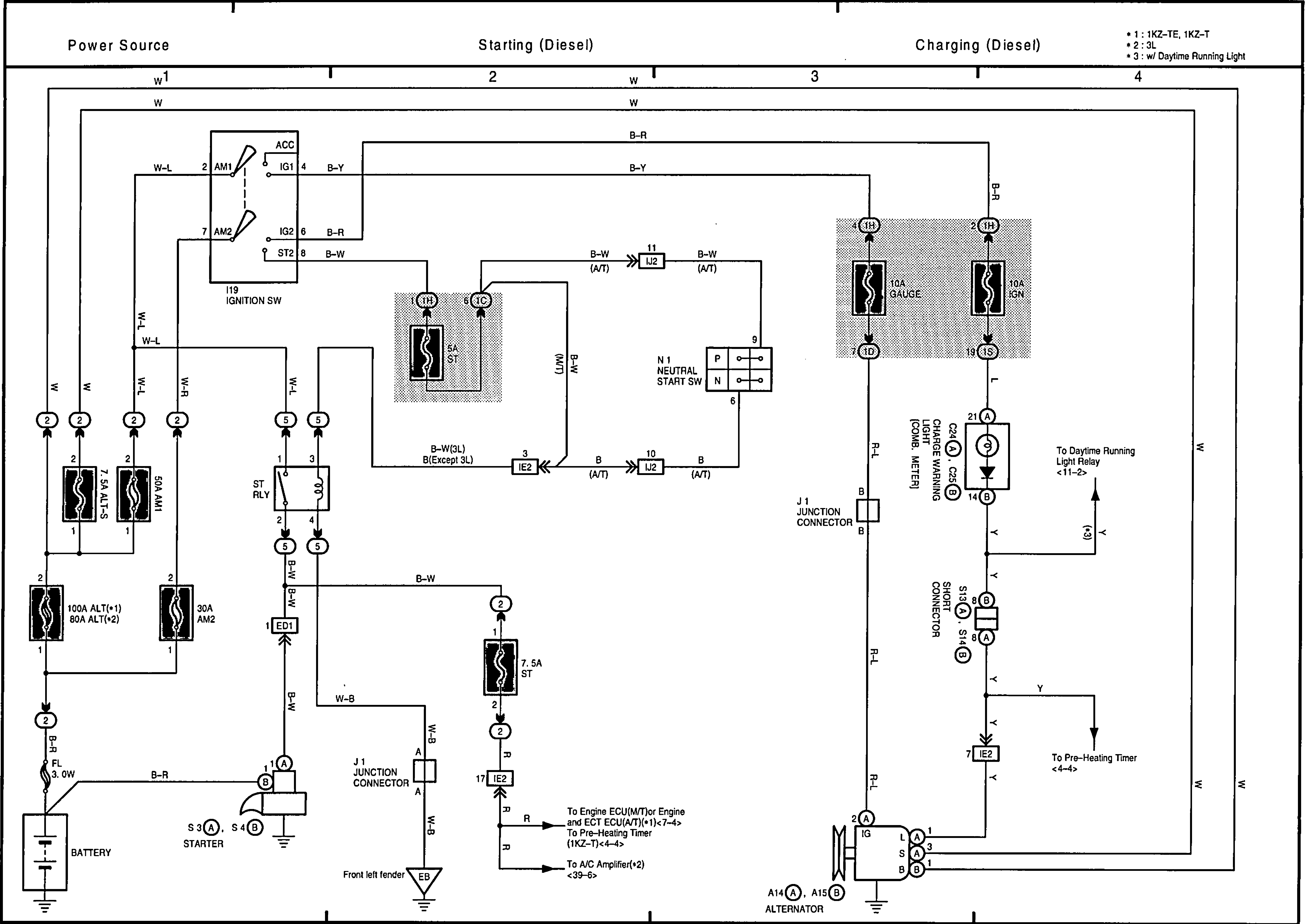
SYSTEMS	LOCATION	SYSTEMS	LOCATION
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Engine Control (3RZ-FE)	6-2	Remote Control Mirror (Europe)	23-2
Engine Control (5VZ-FE)	5-2	Remote Control Mirror (Except Europe)	24-3
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Fuel Heater	4-1	Stop Light	12-3
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1 LAND CRUISER / LAND CRUISER PRADO (LHD) ELECTRICAL WIRING DIAGRAM

I OVERALL ELECTRICAL WIRING DIAGRAM

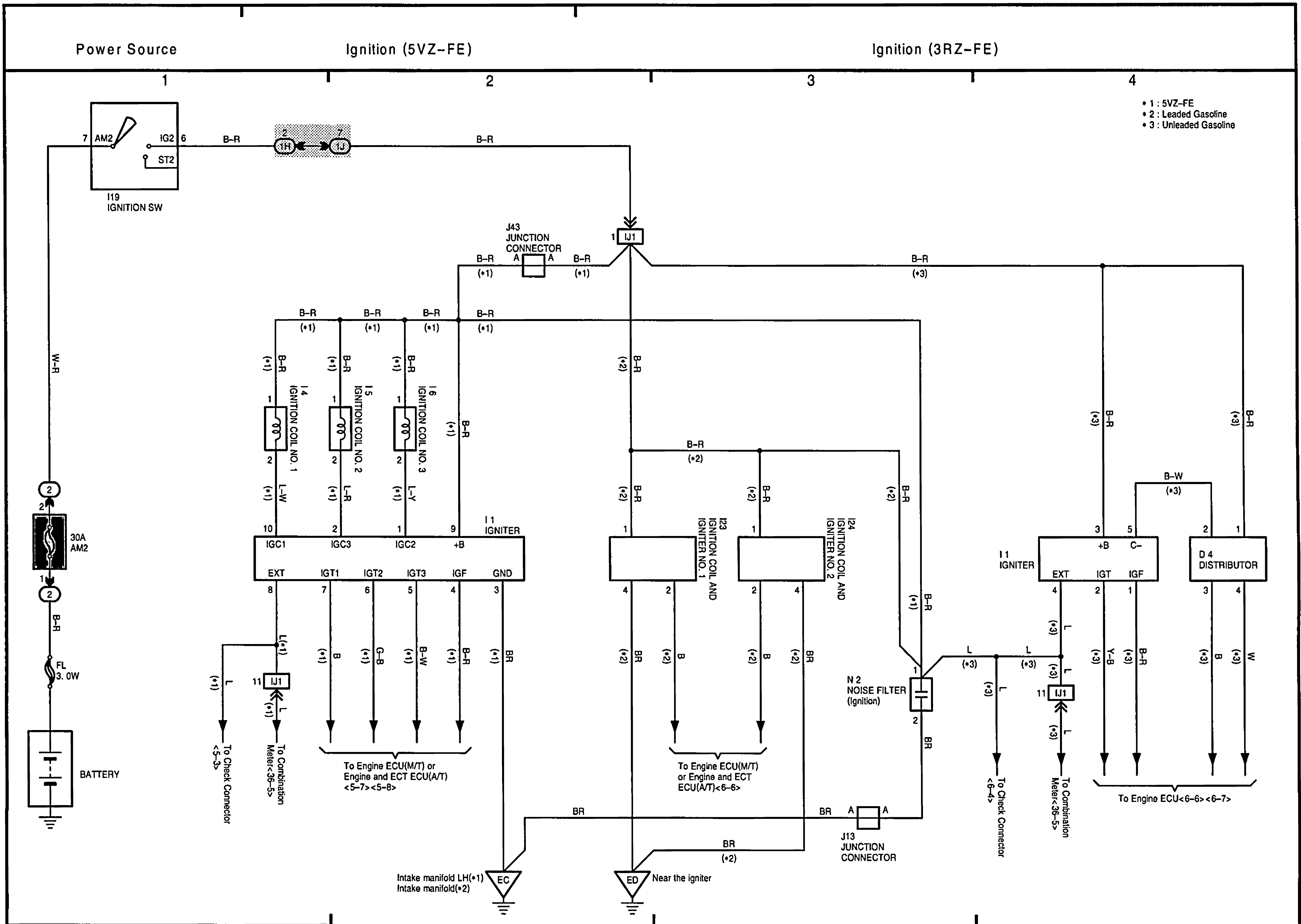


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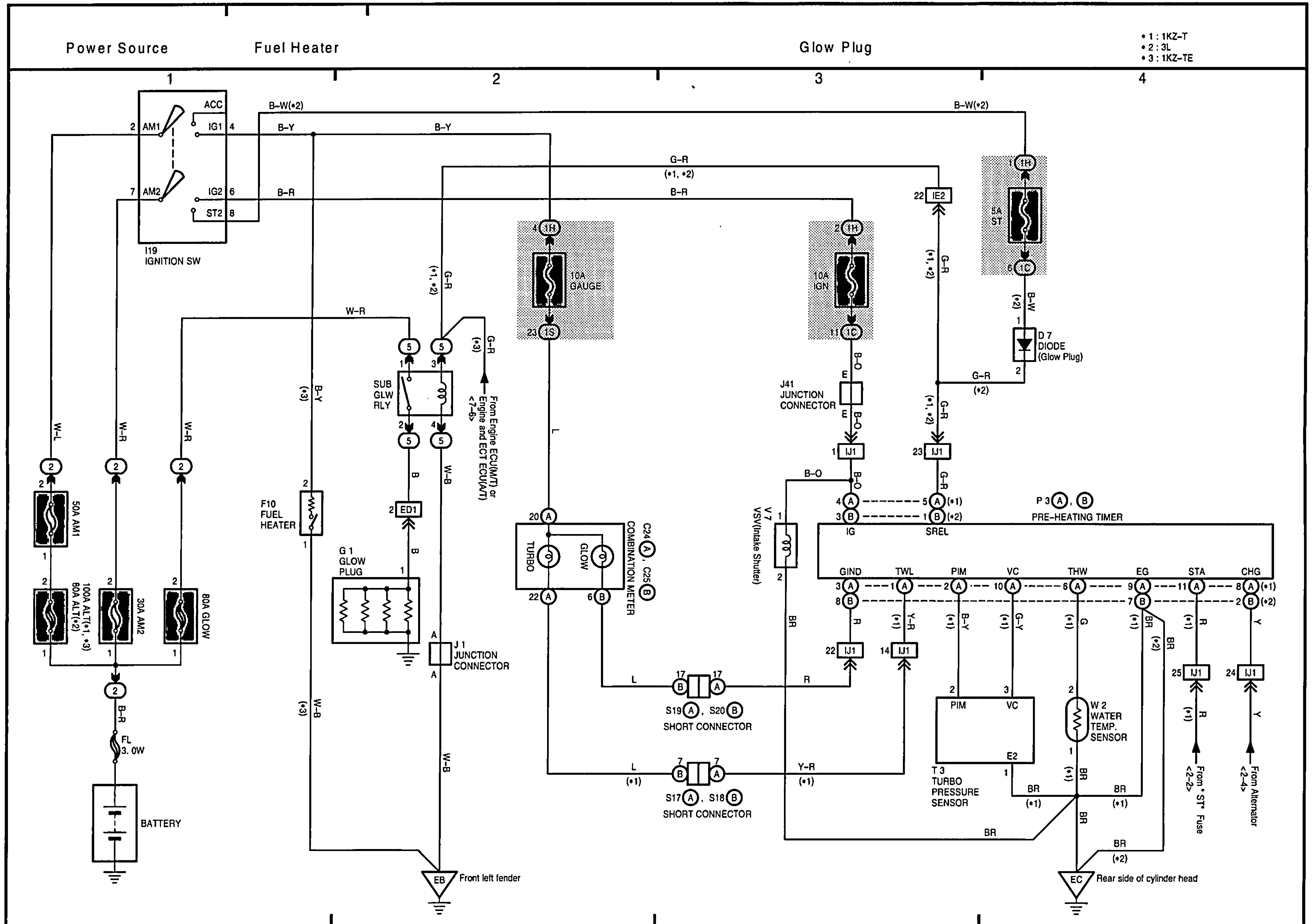


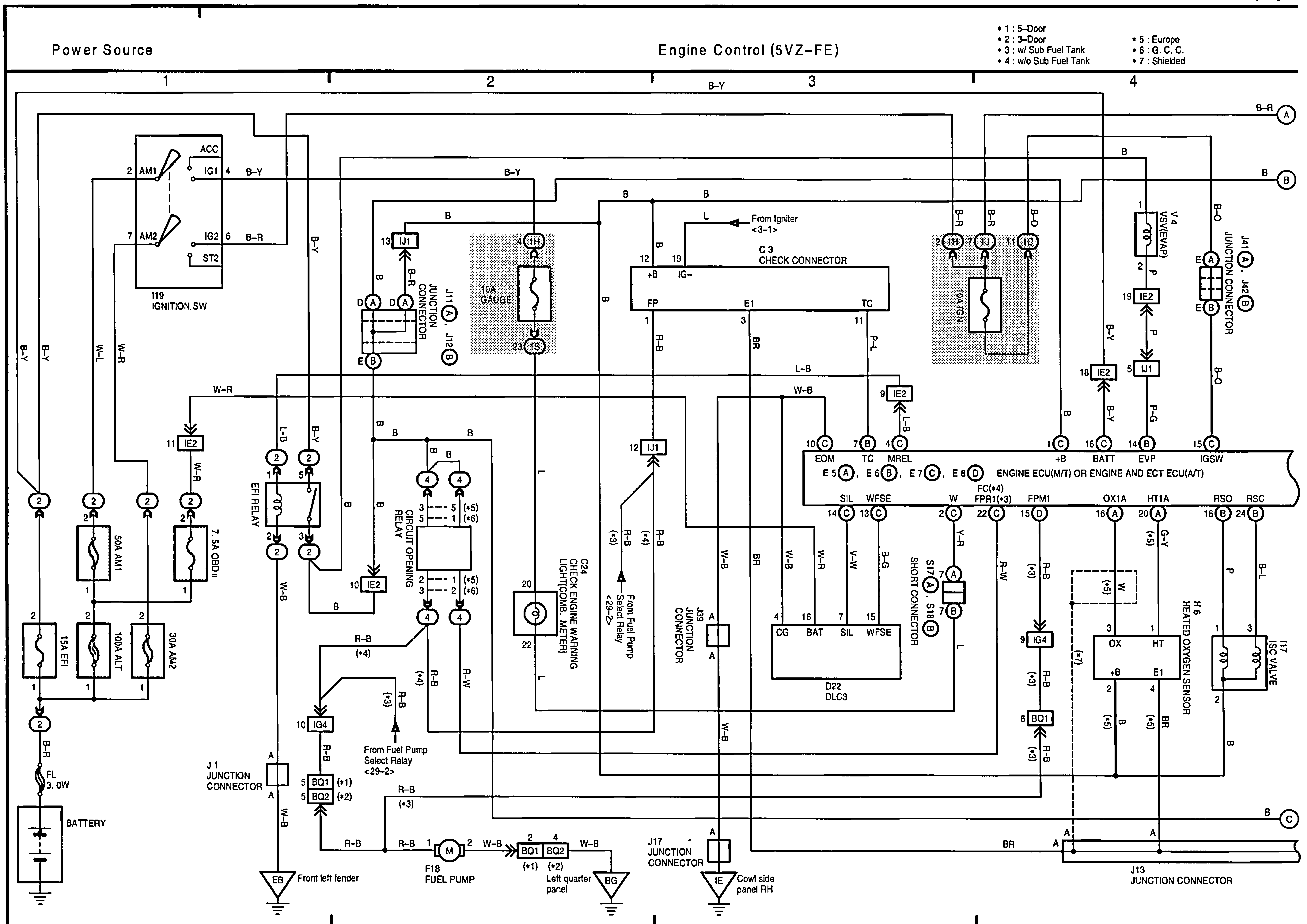
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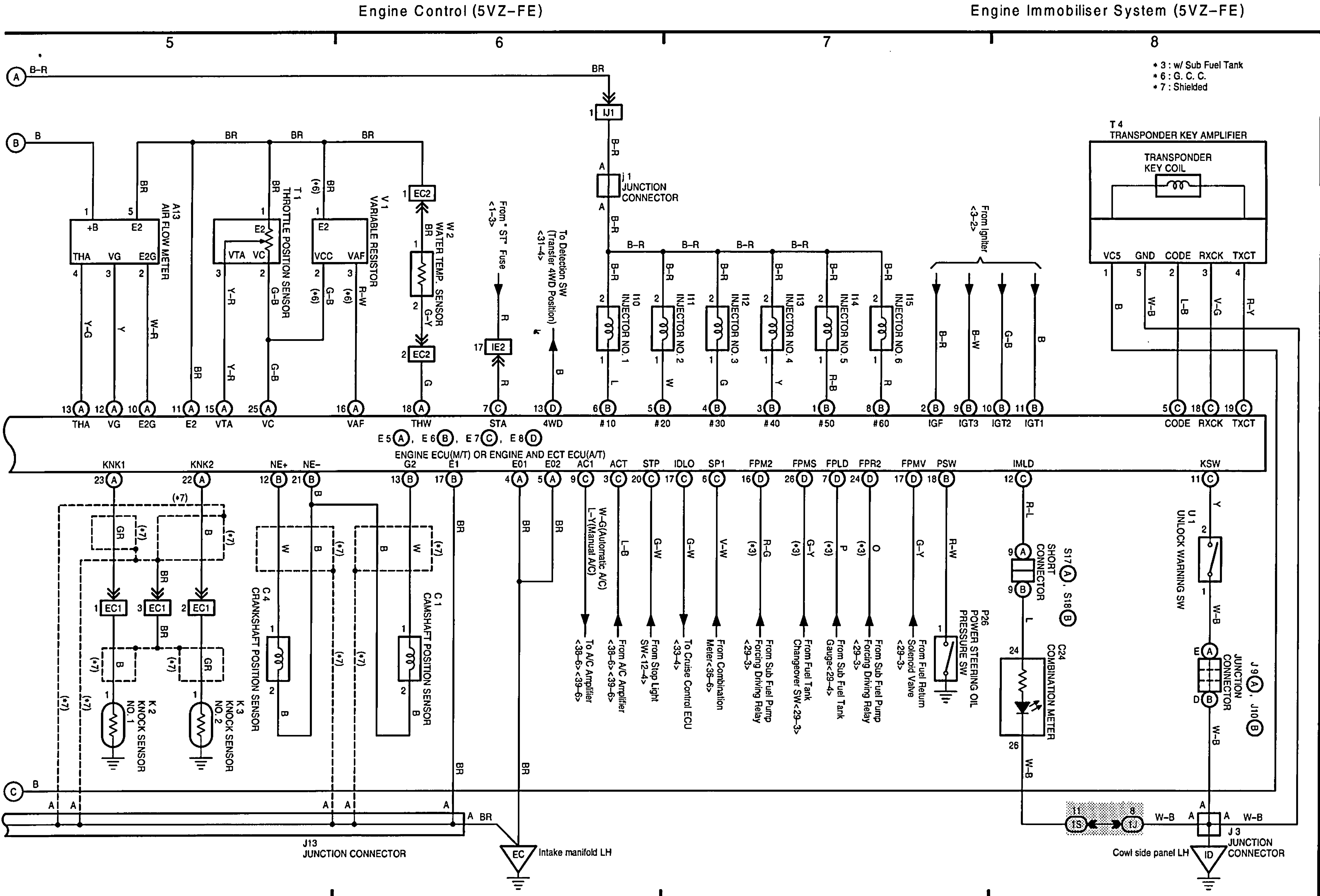
OVERALL ELECTRICAL WIRING DIAGRAM

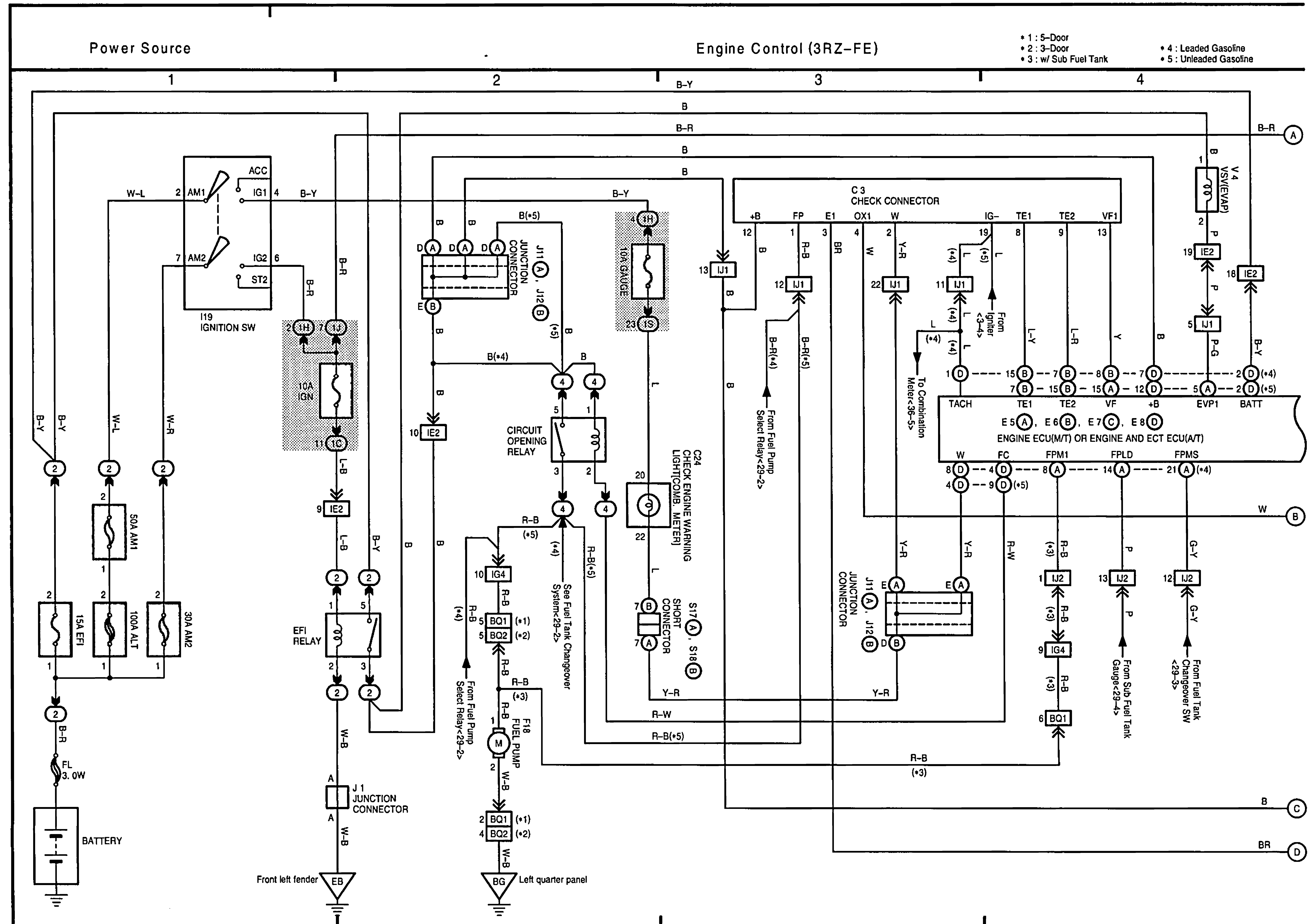


4 LAND CRUISER / LAND CRUISER PRADO (LHD)



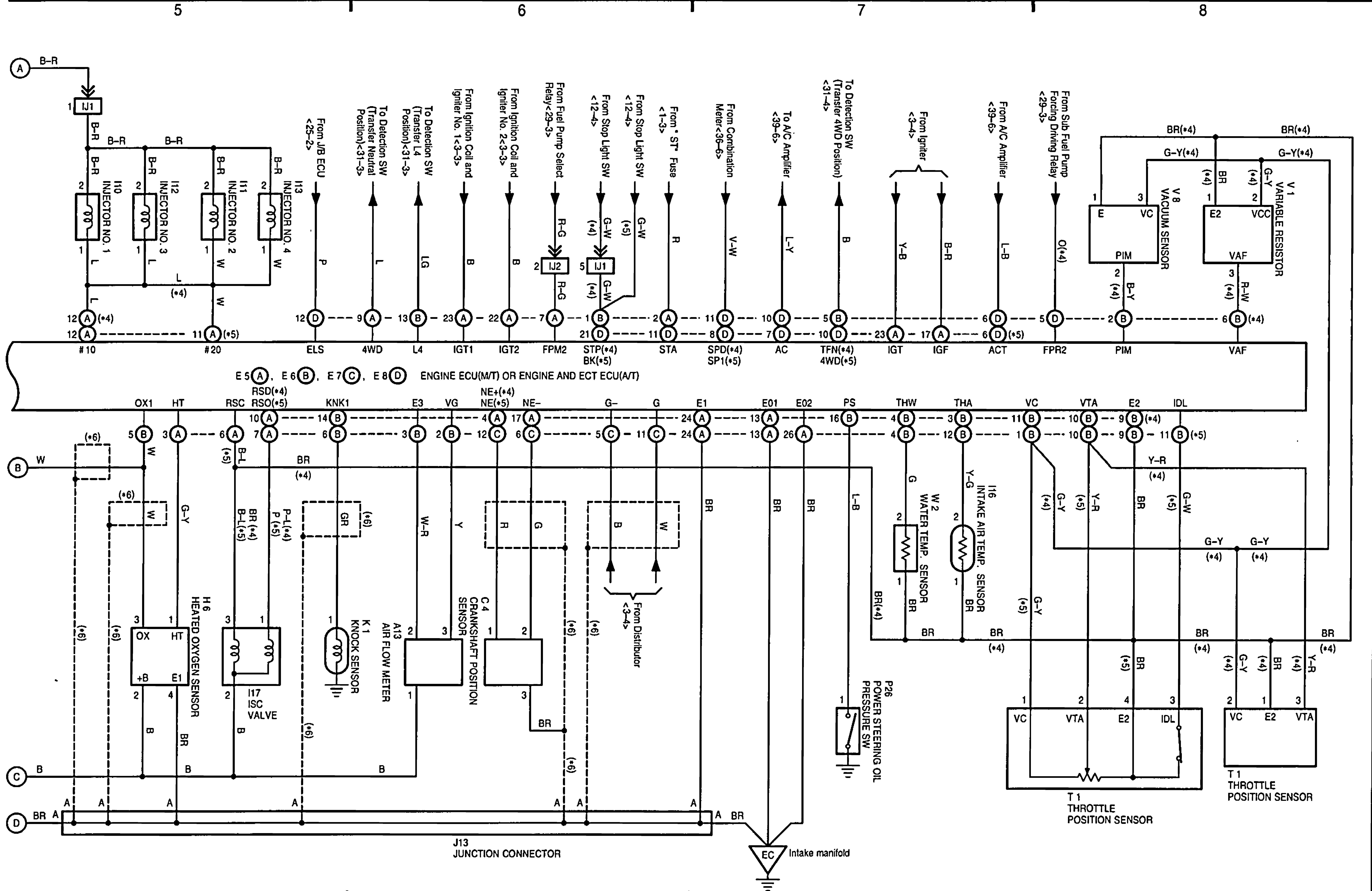




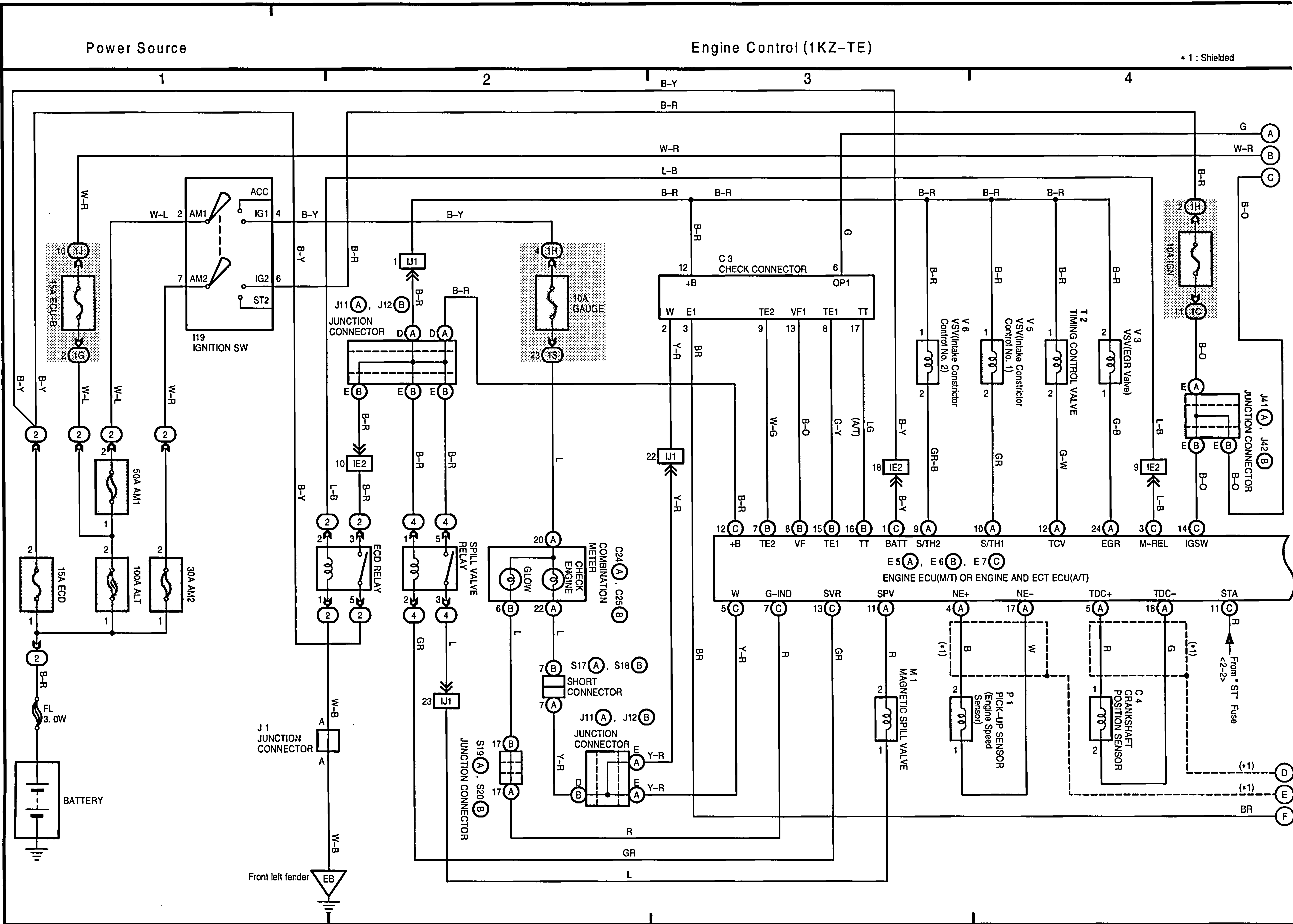


Engine Control (3RZ-FE)

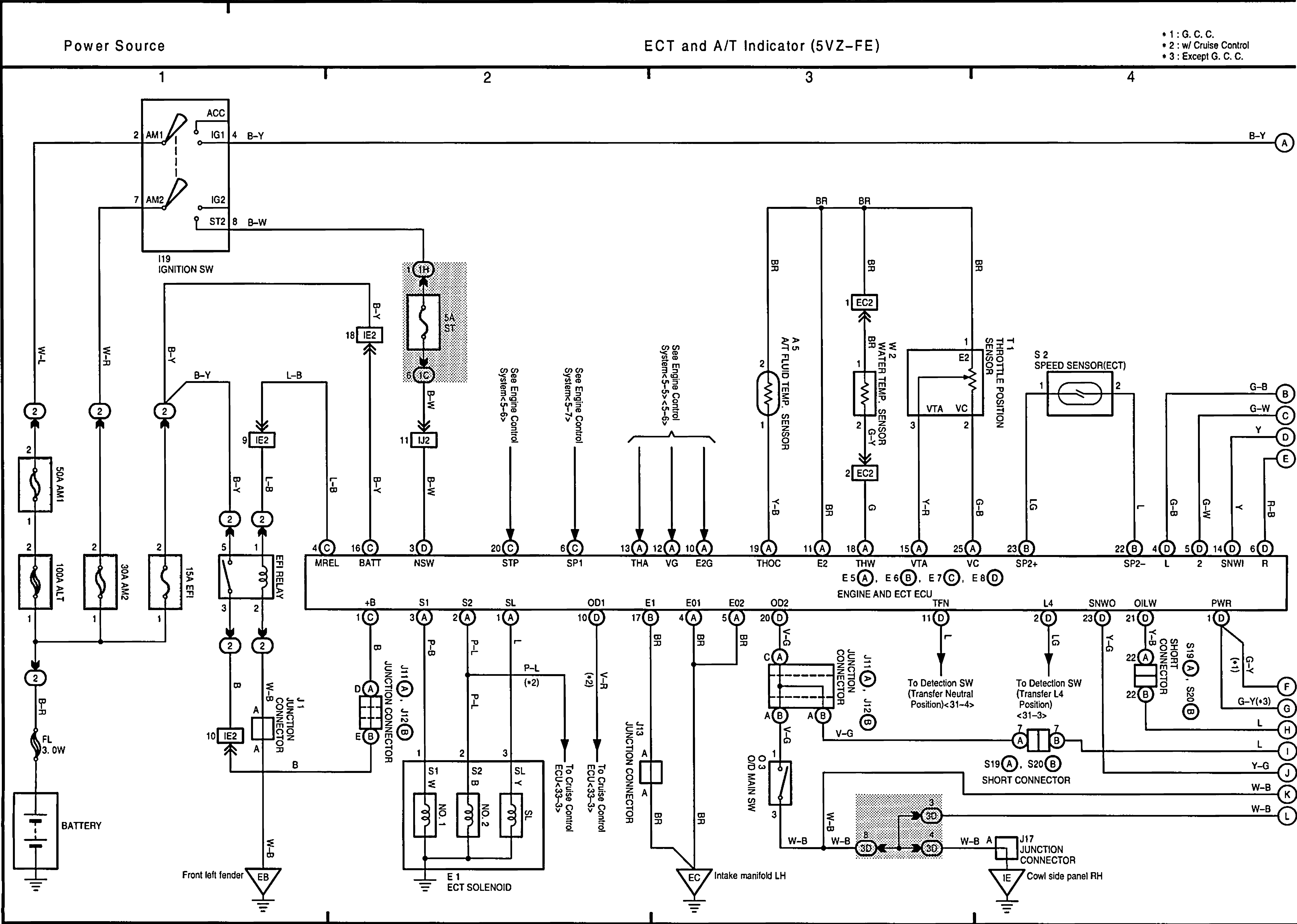
- * 4 : Leaded Gasoline
- * 5 : Unleaded Gasoline
- * 6 : Shielded



1 OVERALL ELECTRICAL WIRING DIAGRAM

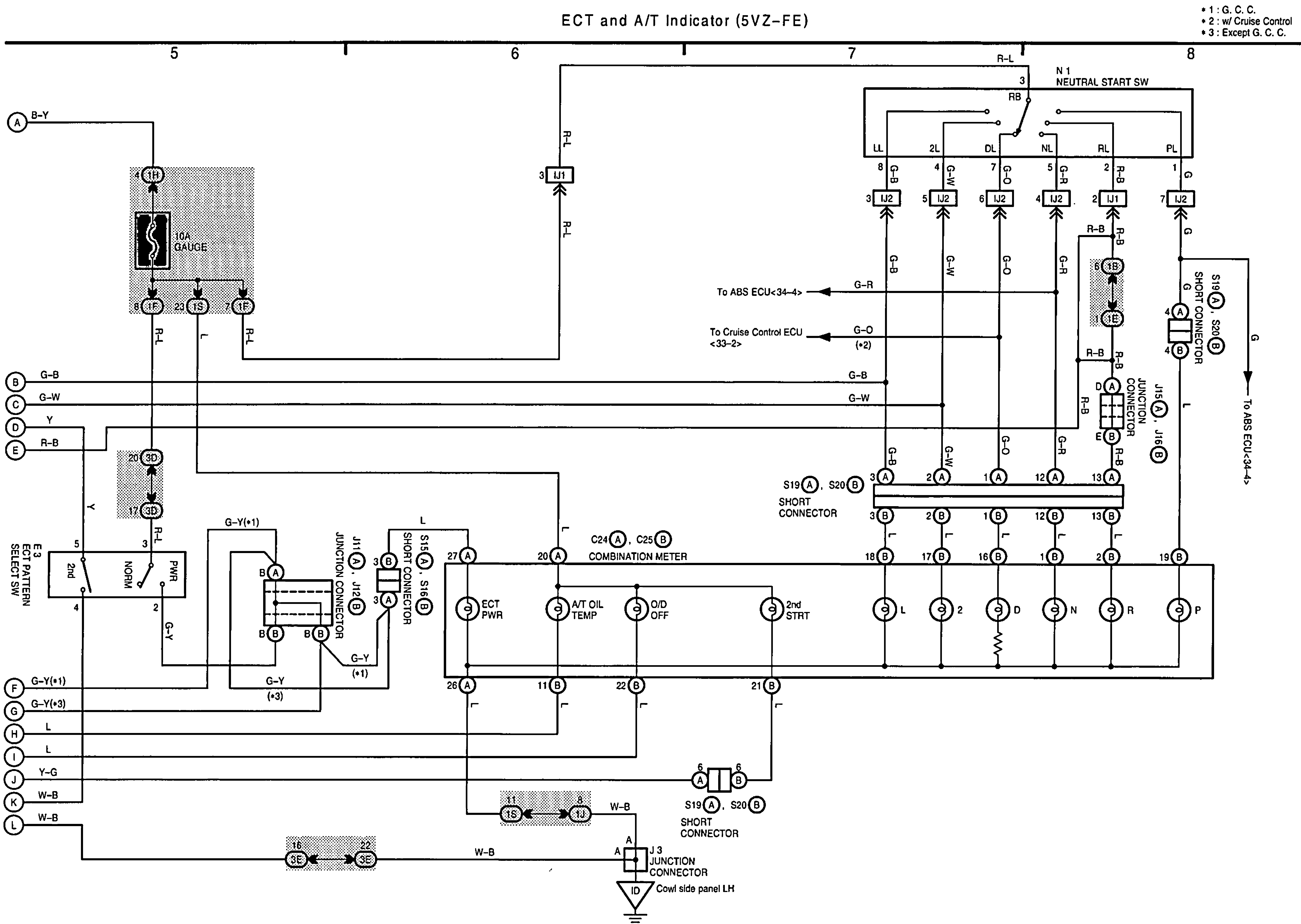


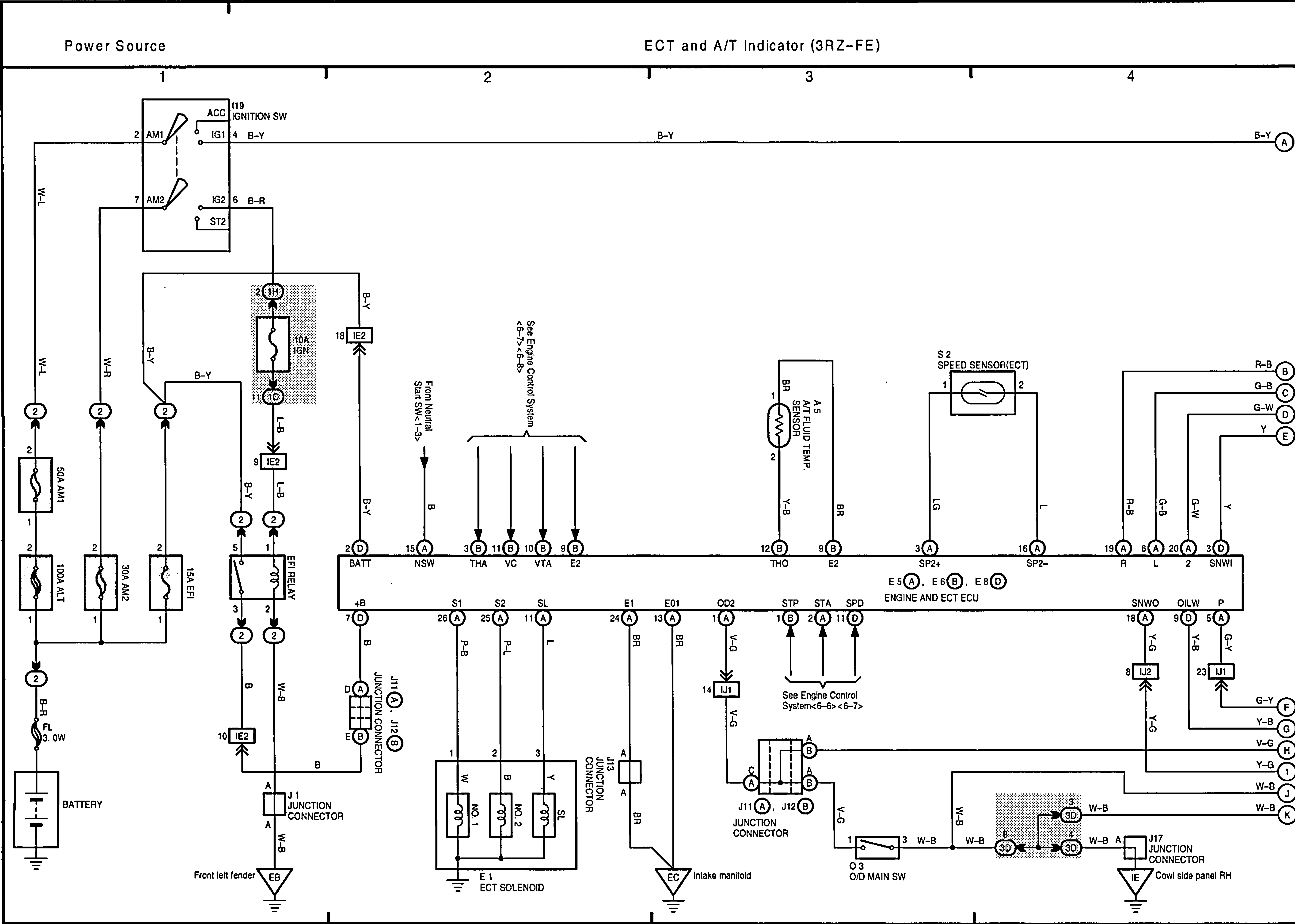
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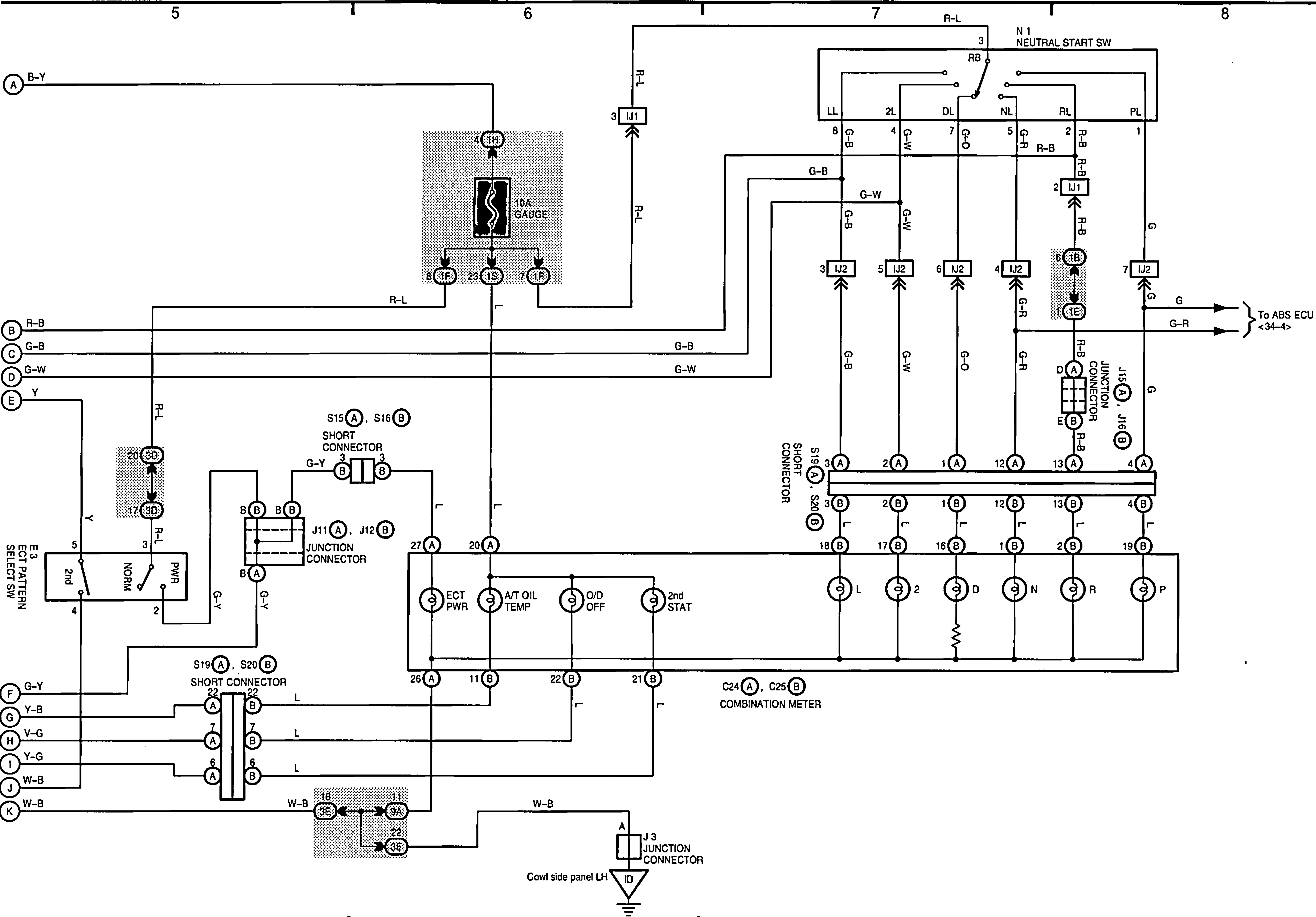
I OVERALL ELECTRICAL WIRING DIAGRAM

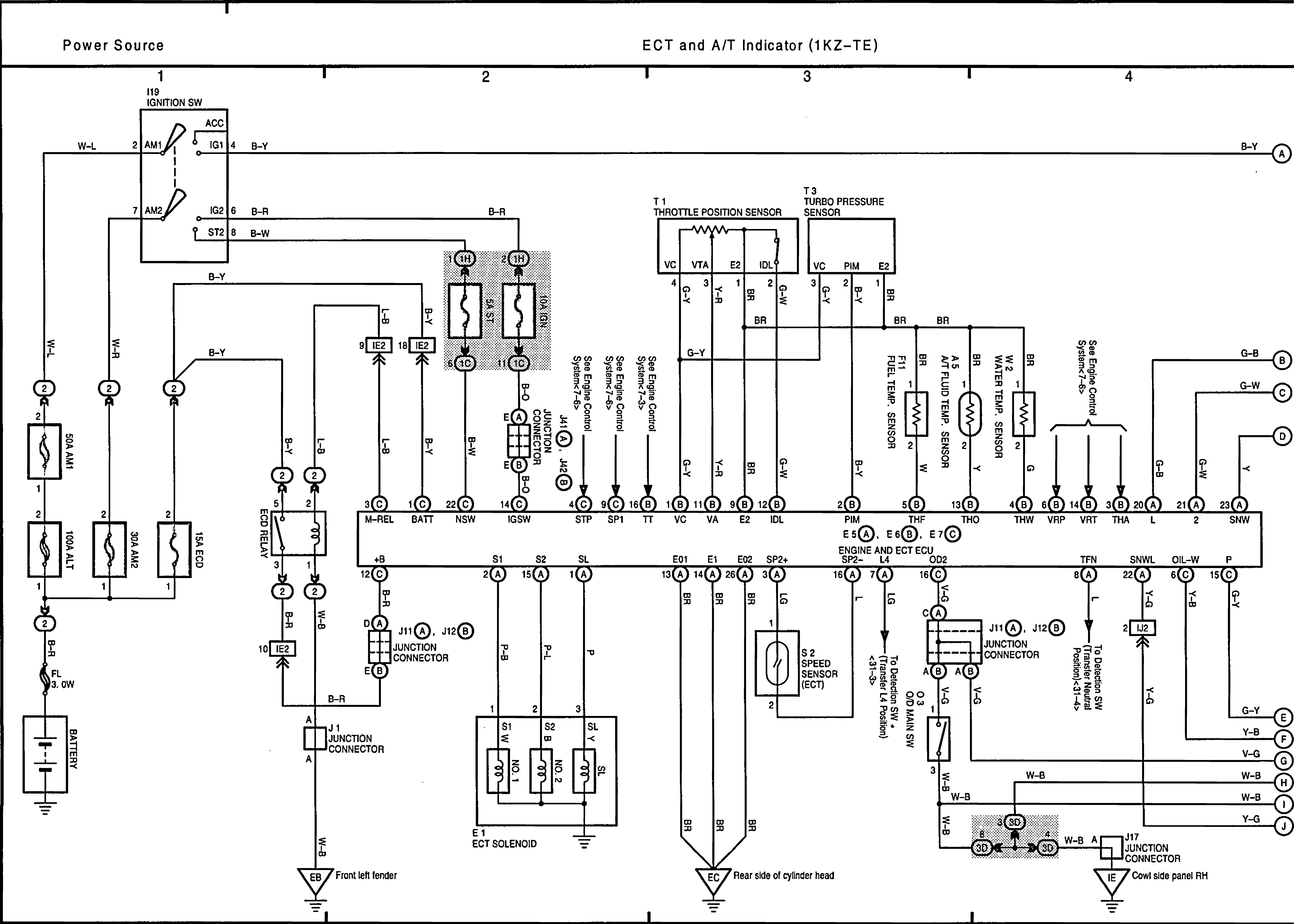
8 LAND CRUISER / LAND CRUISER PRADO (LHD) (Cont' d)



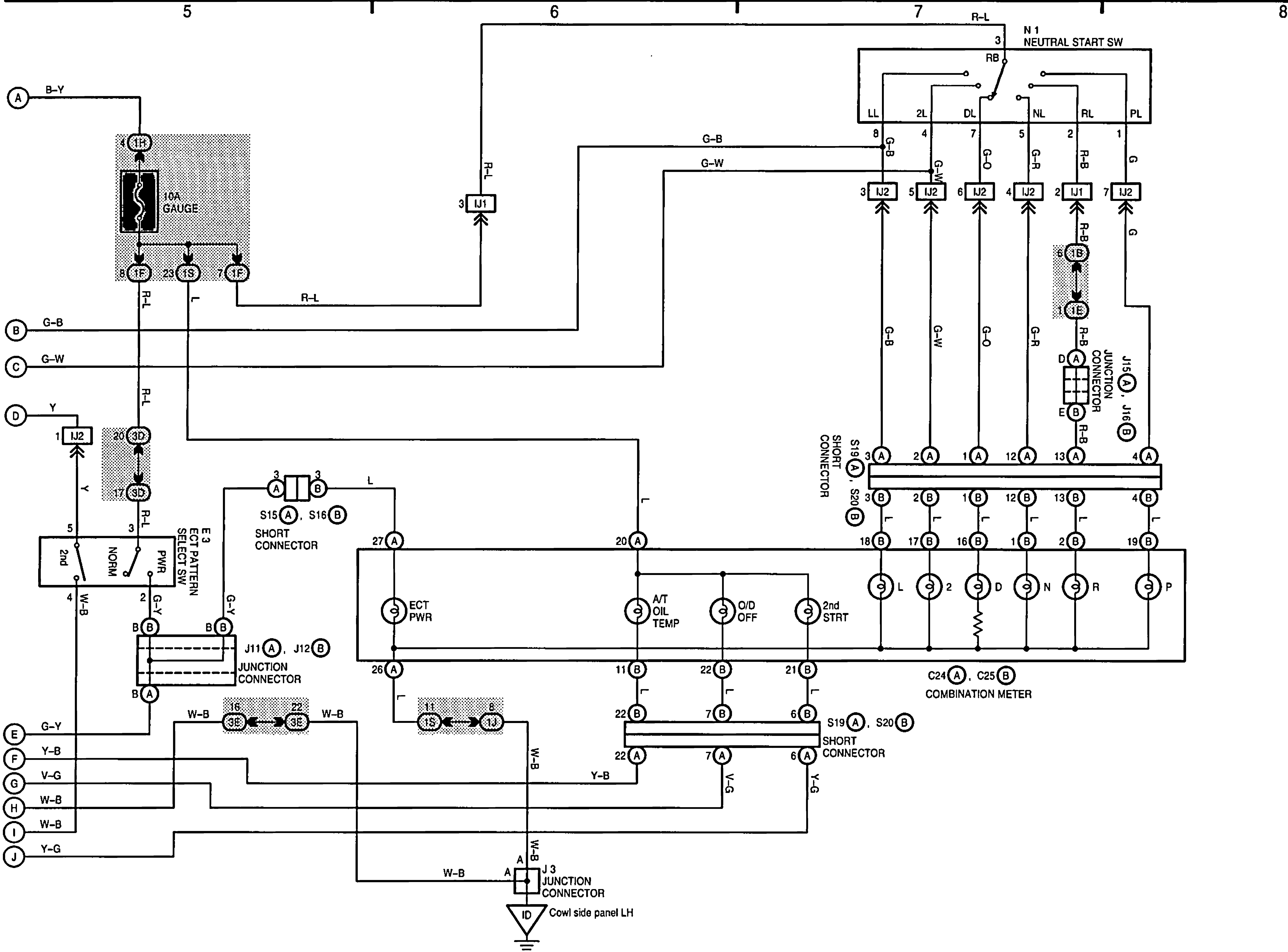


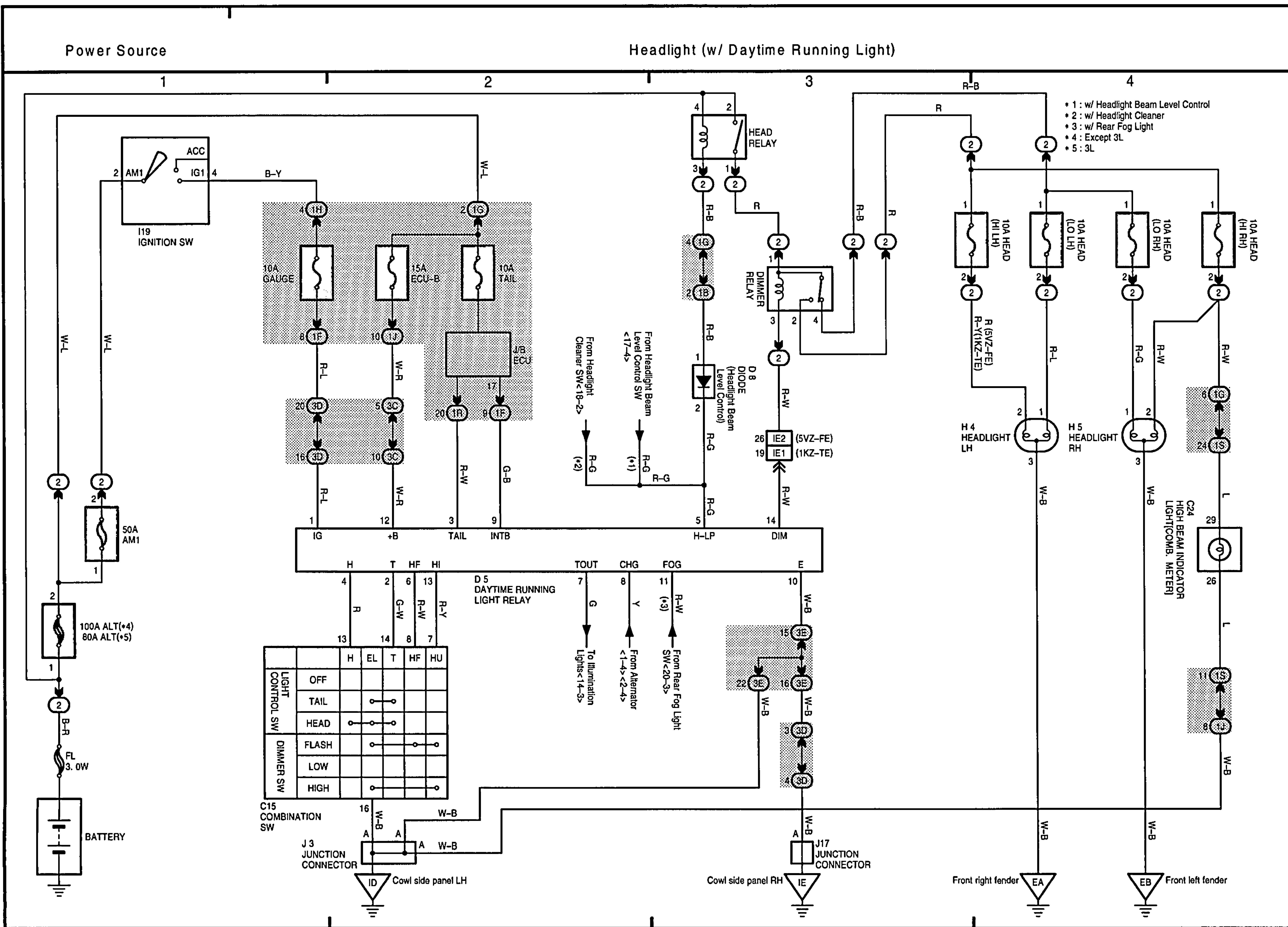
ECT and A/T Indicator (3RZ-FE)



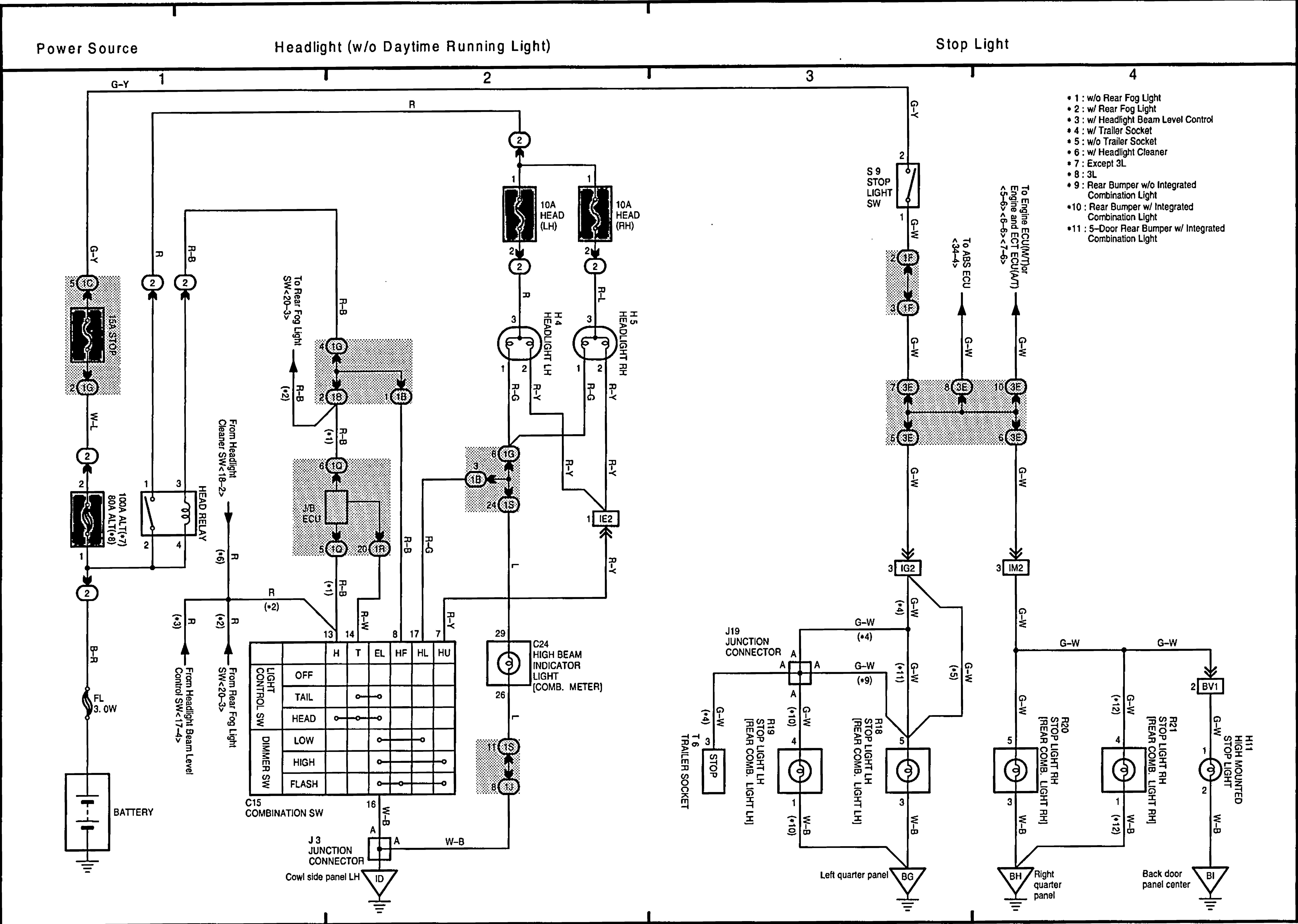


ECT and A/T Indicator (1KZ-TE)

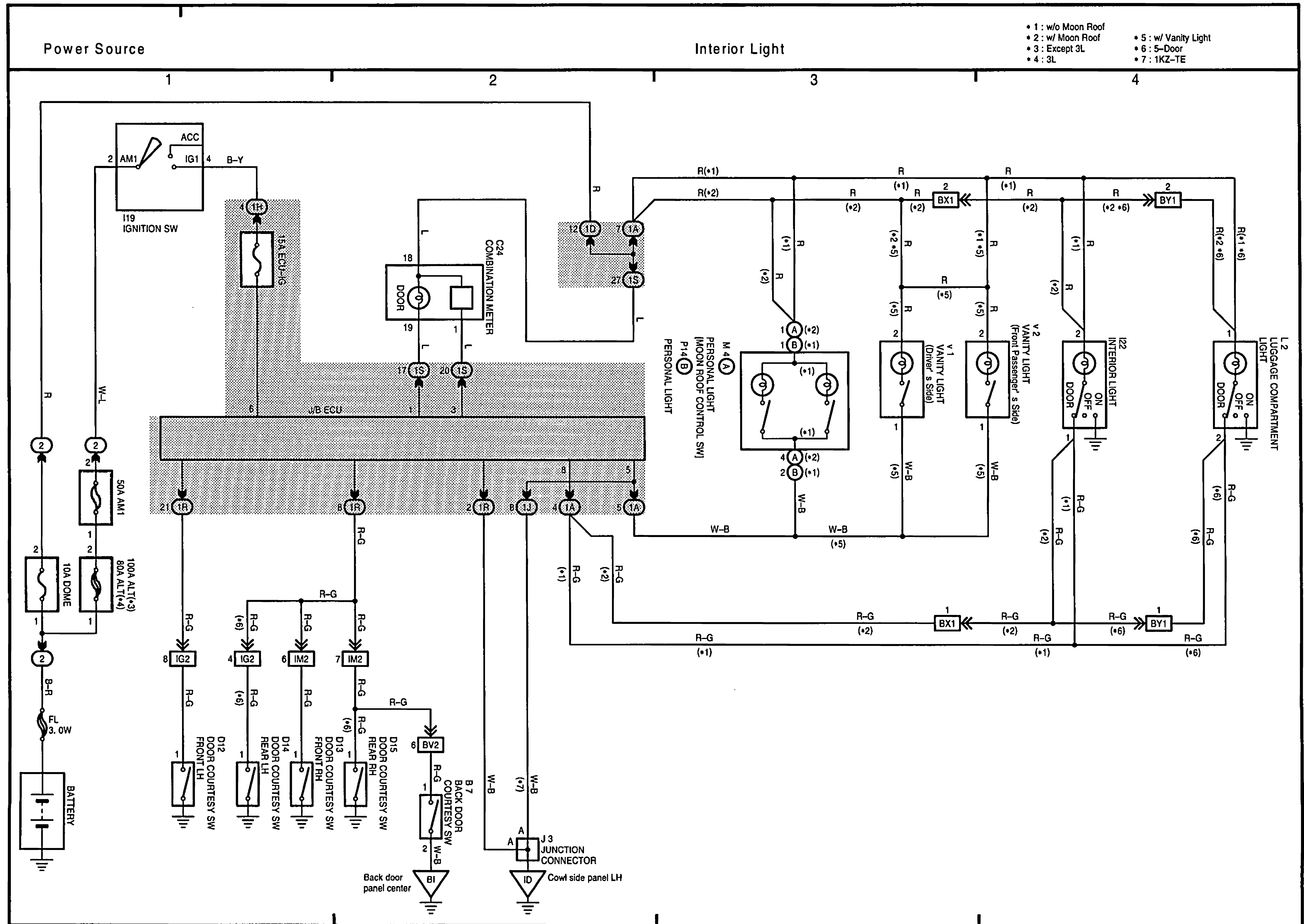


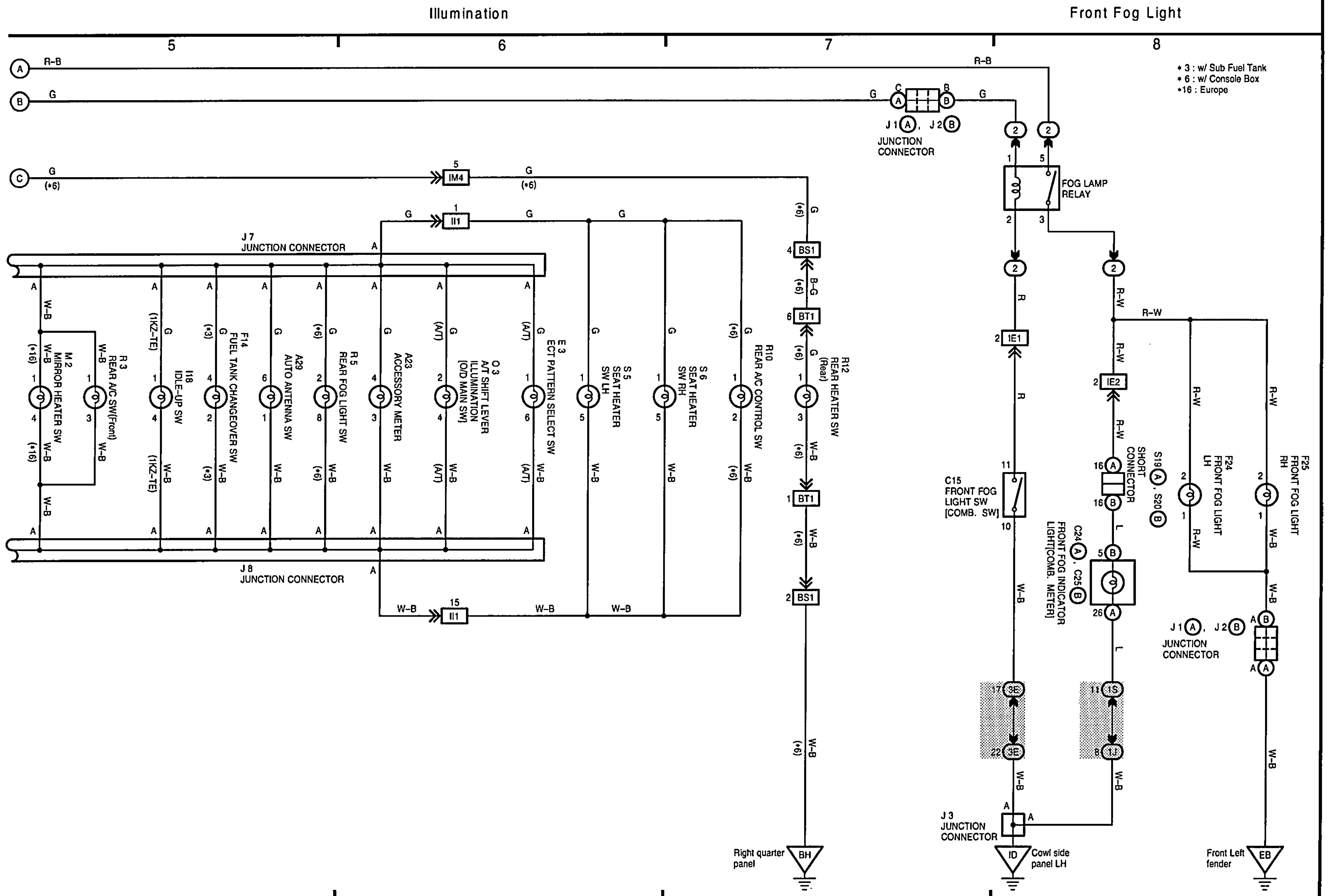


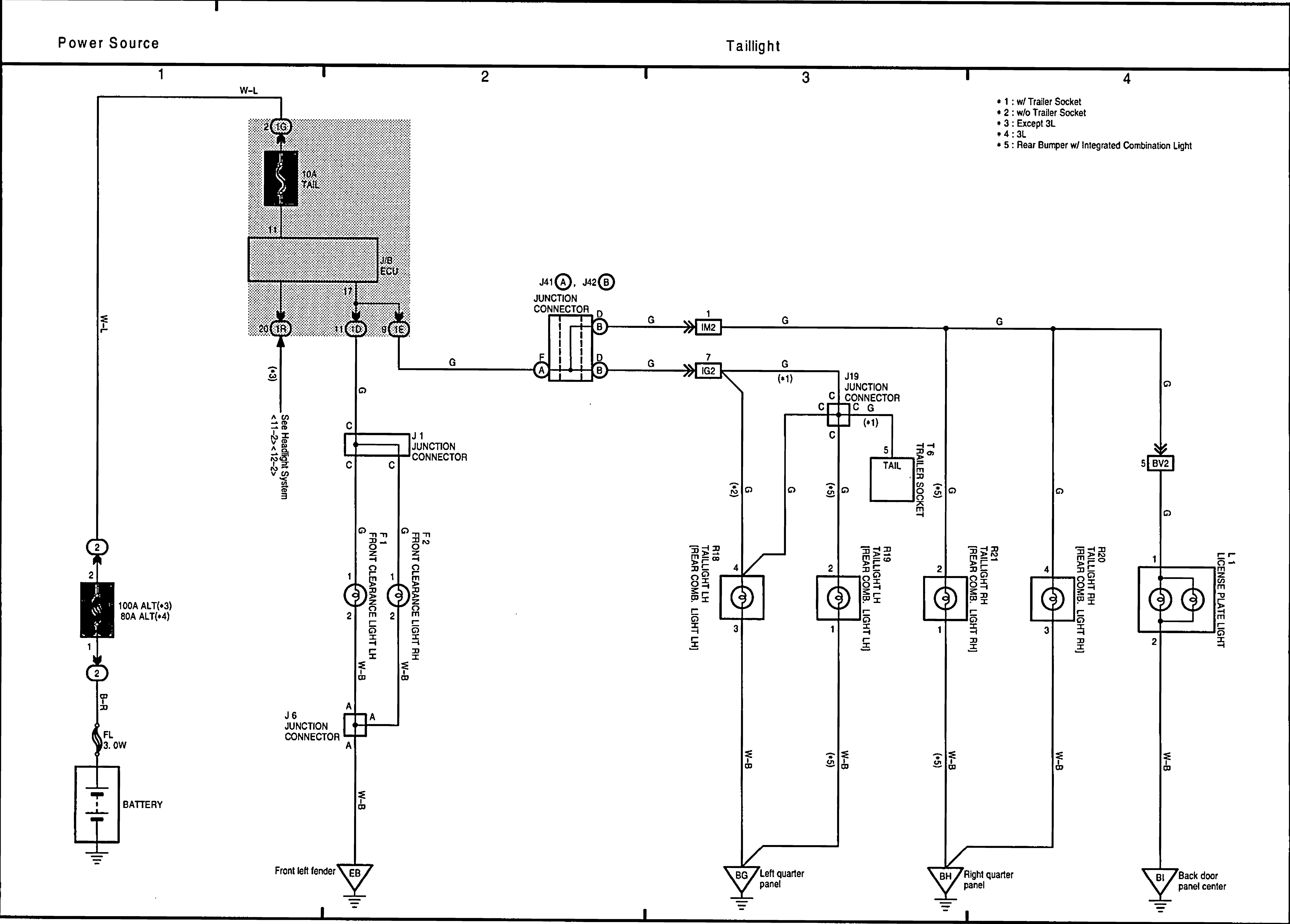
12 LAND CRUISER / LAND CRUISER PRADO (LHD)



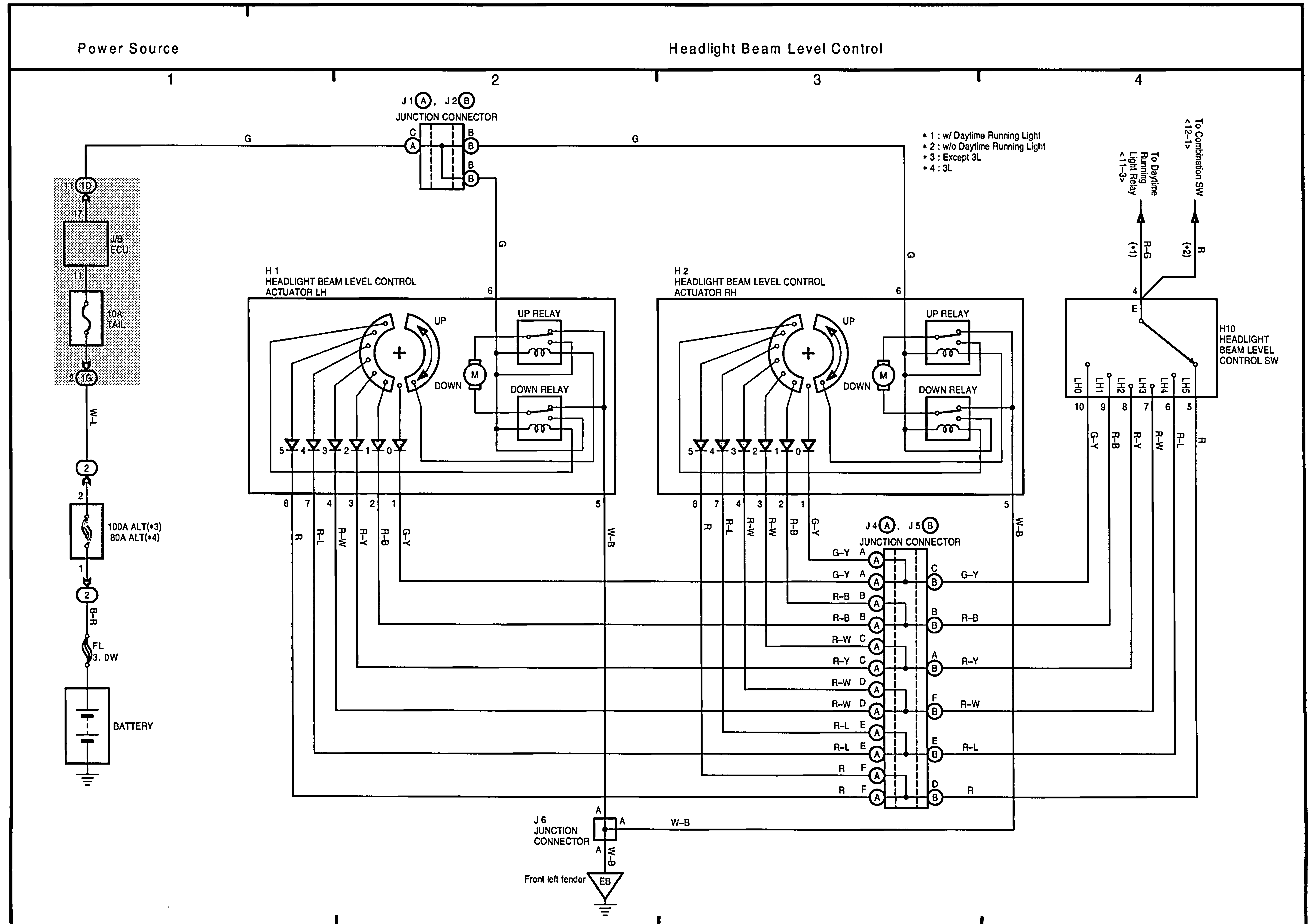
I OVERALL ELECTRICAL WIRING DIAGRAM



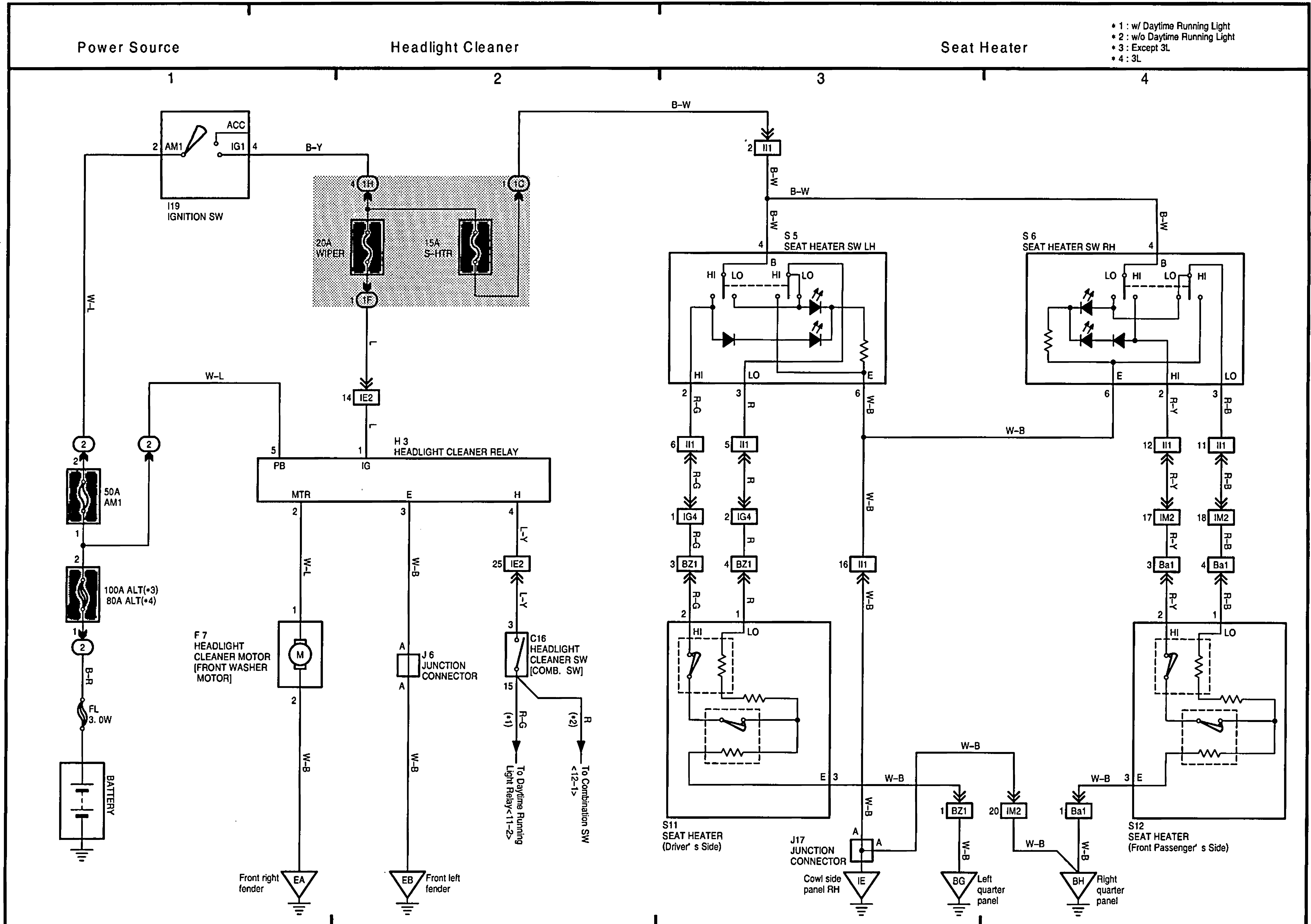


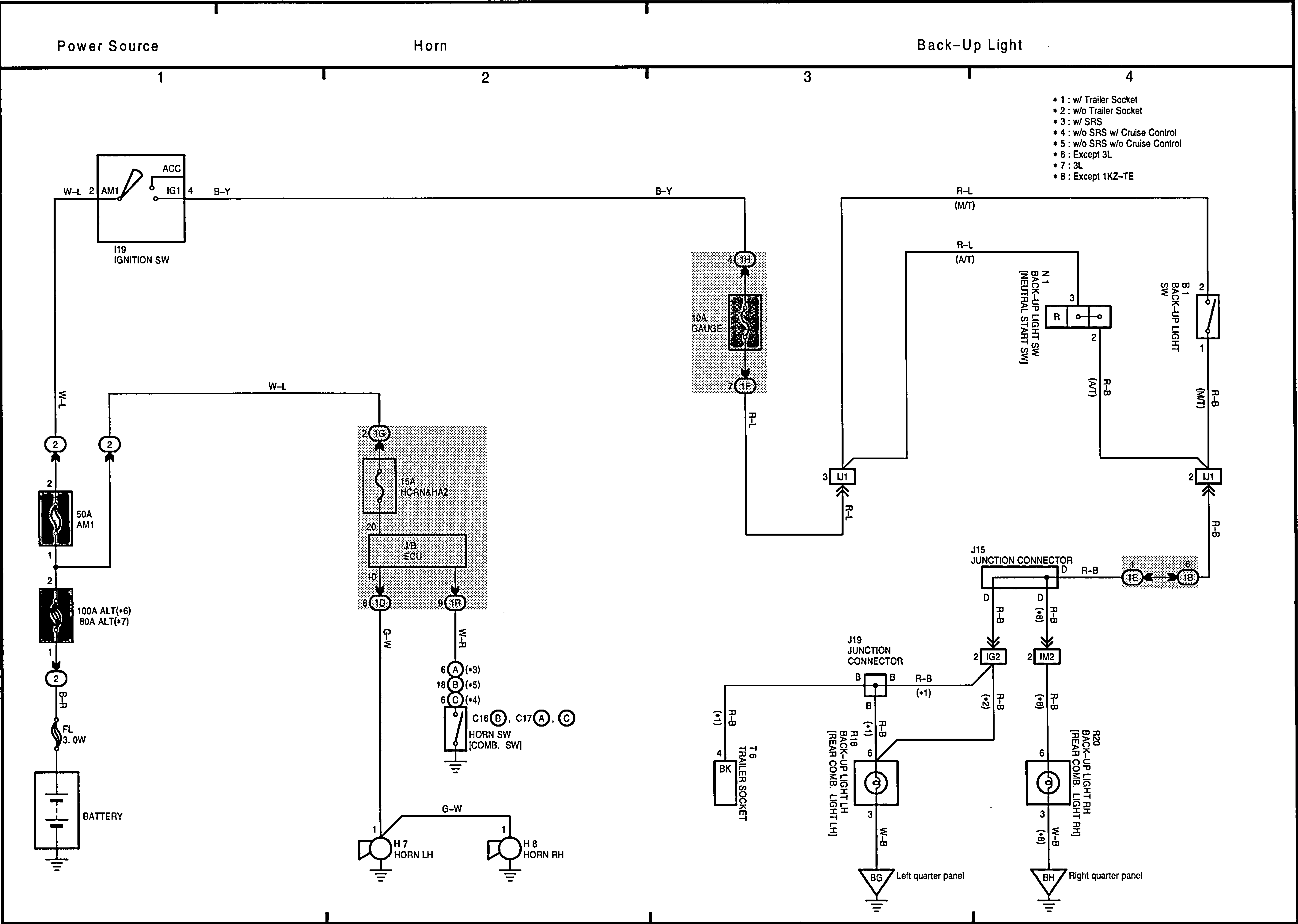


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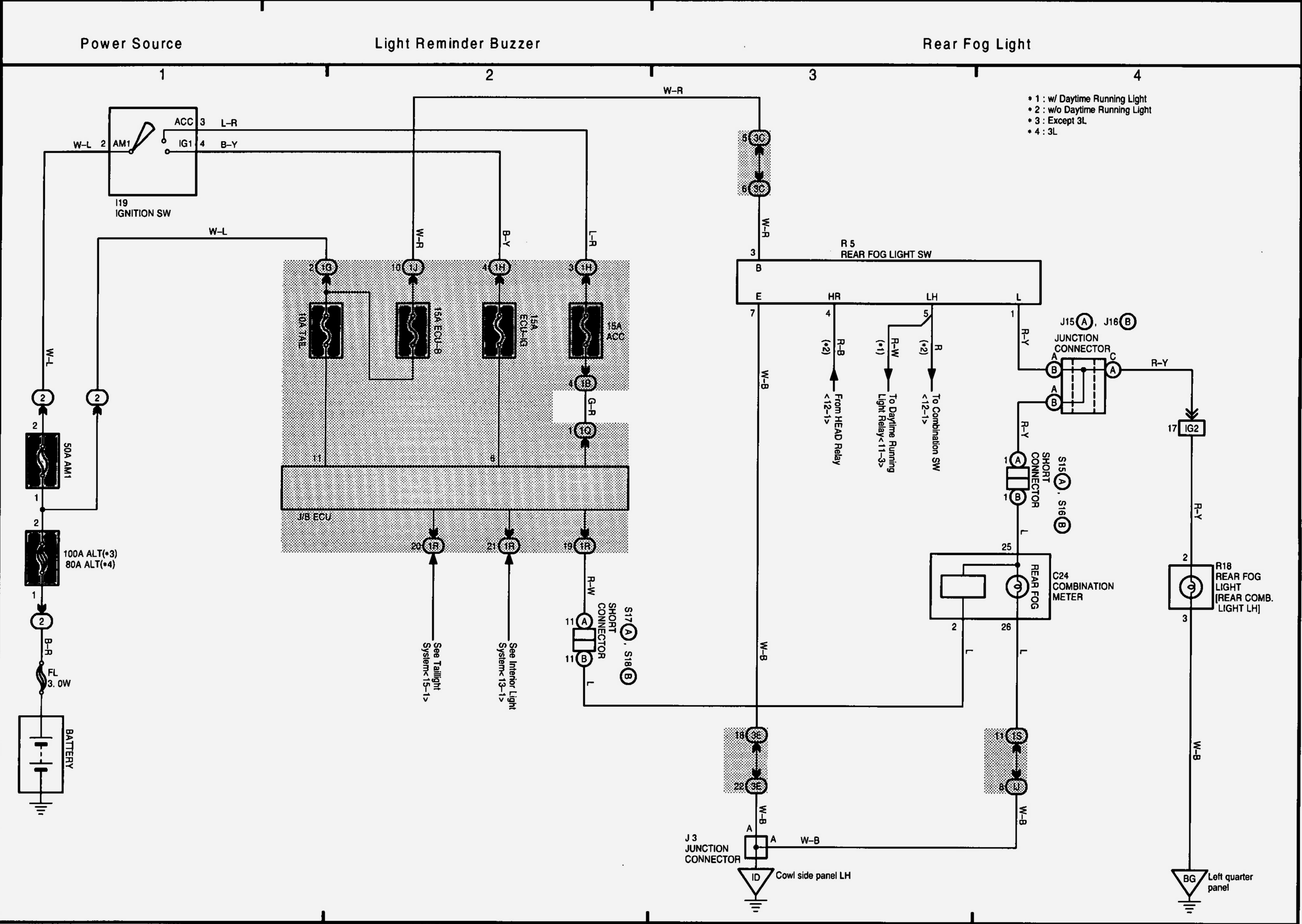


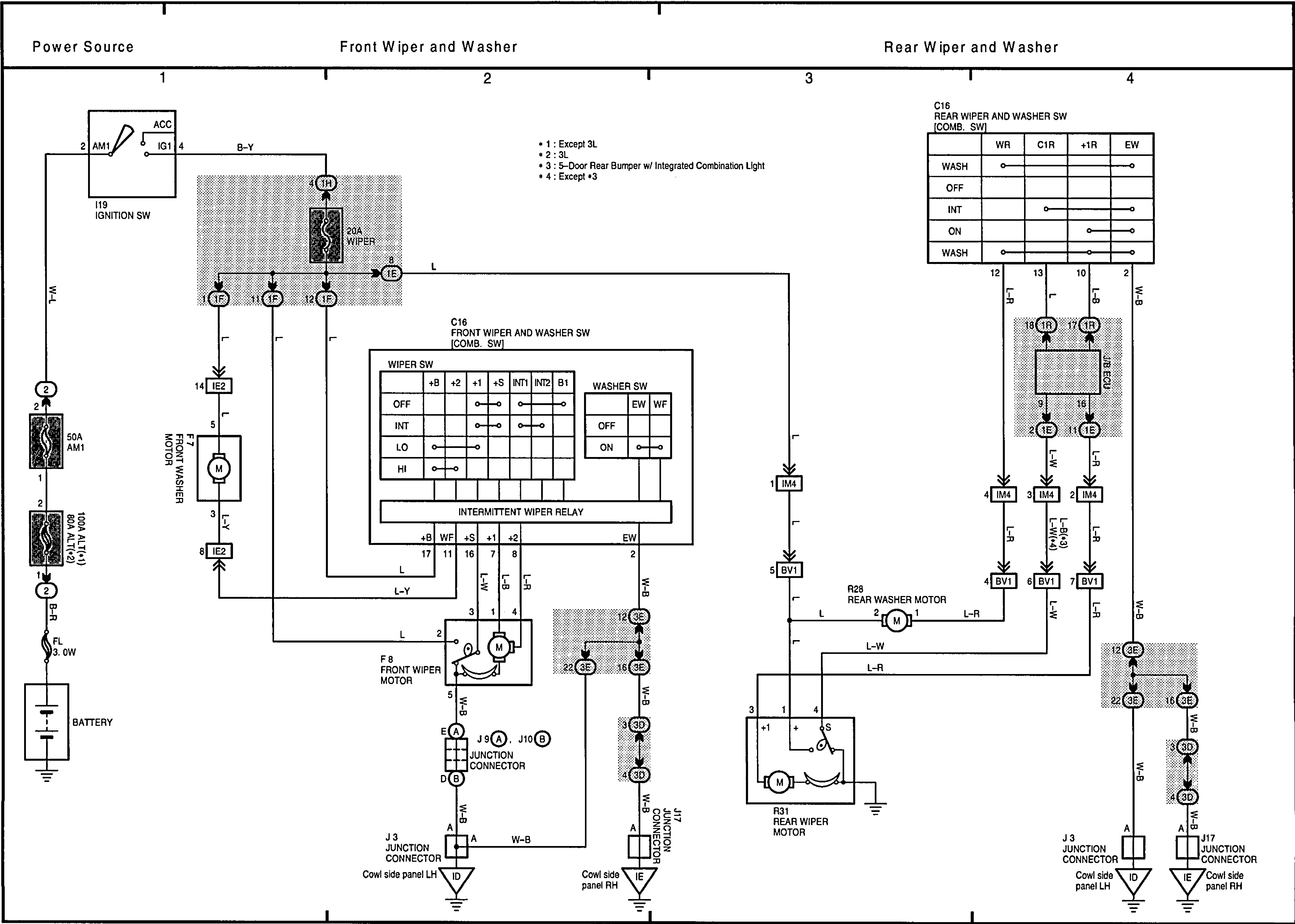
18 LAND CRUISER / LAND CRUISER PRADO (LHD)



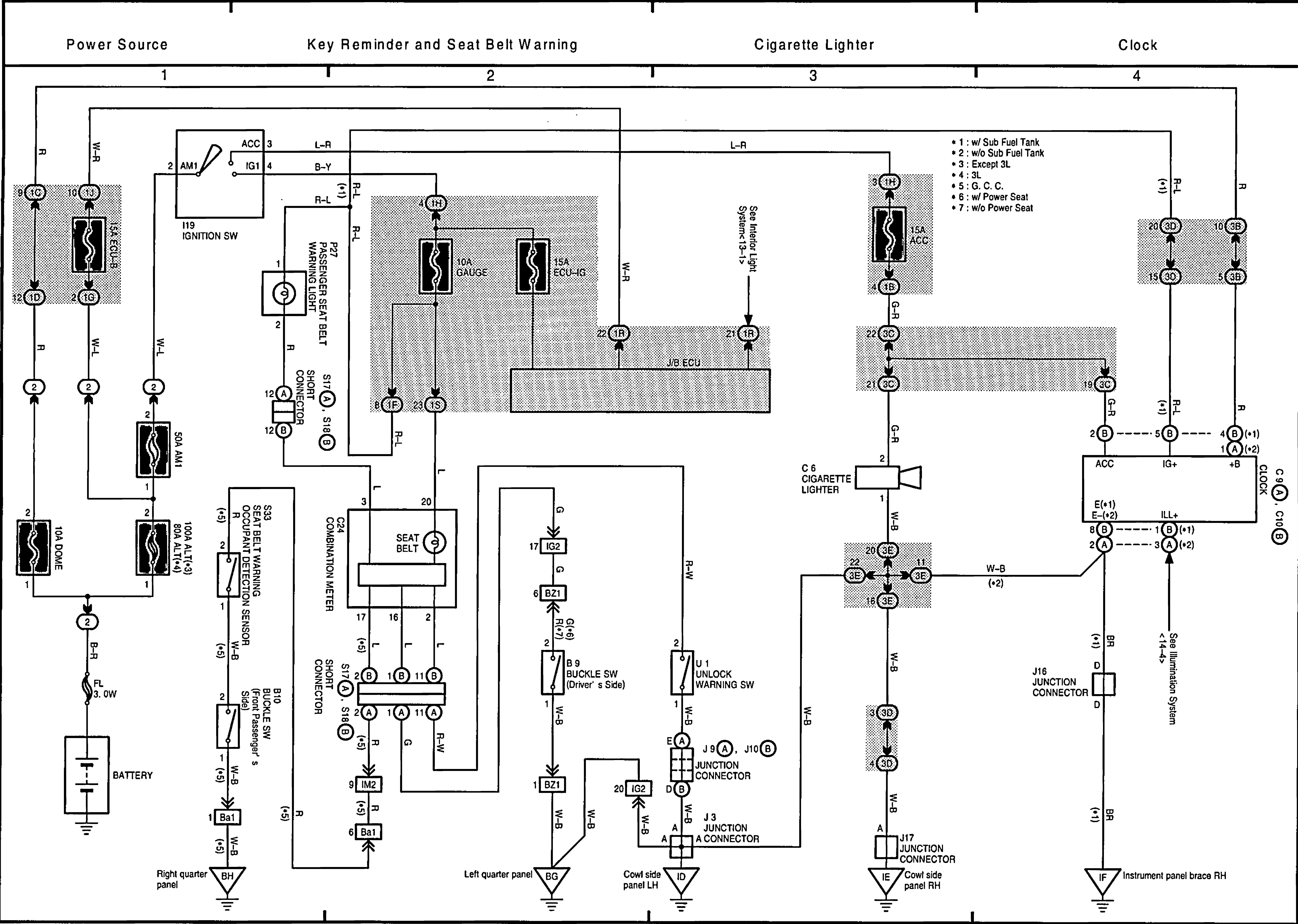


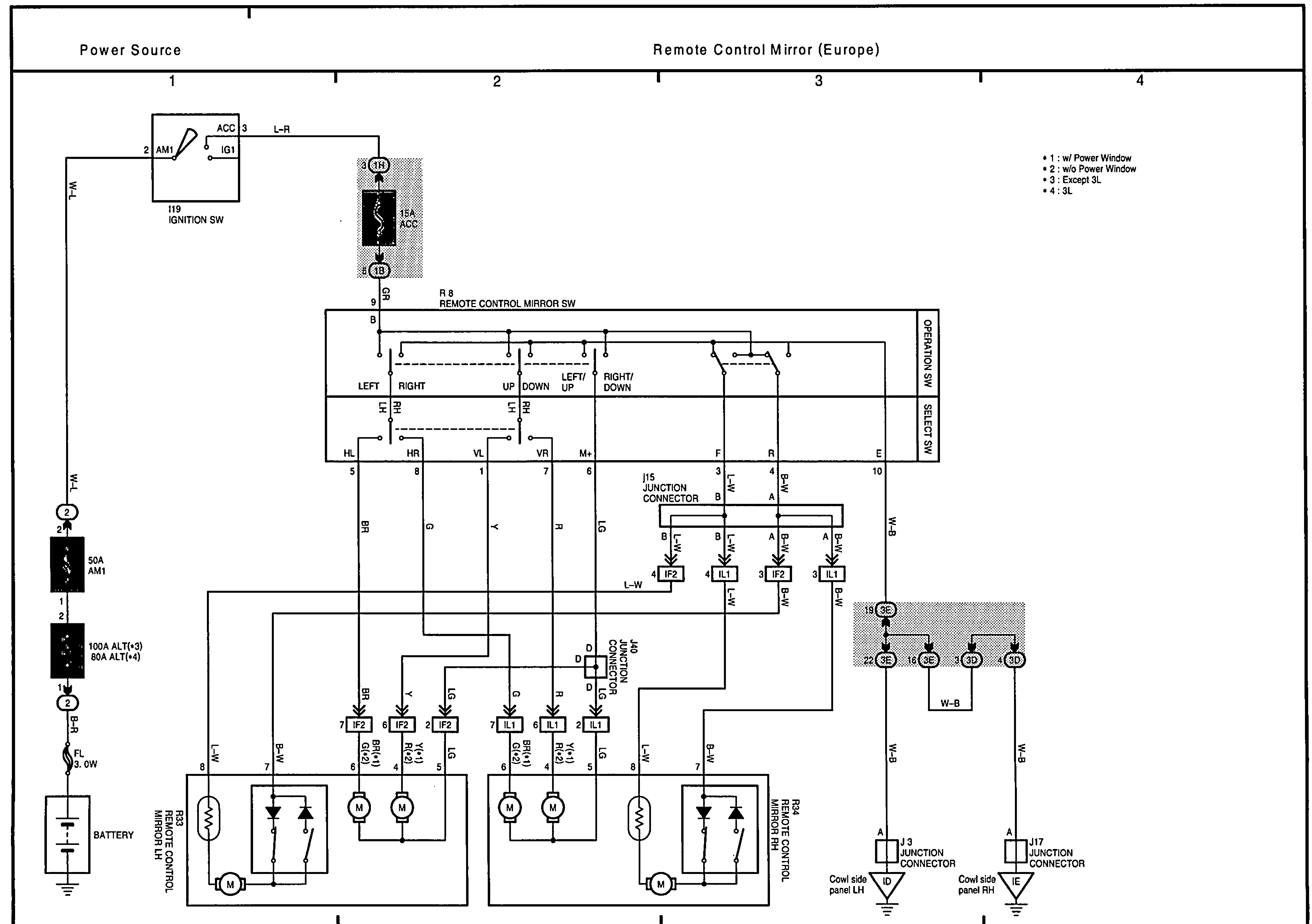
20 LAND CRUISER / LAND CRUISER PRADO (LHD)



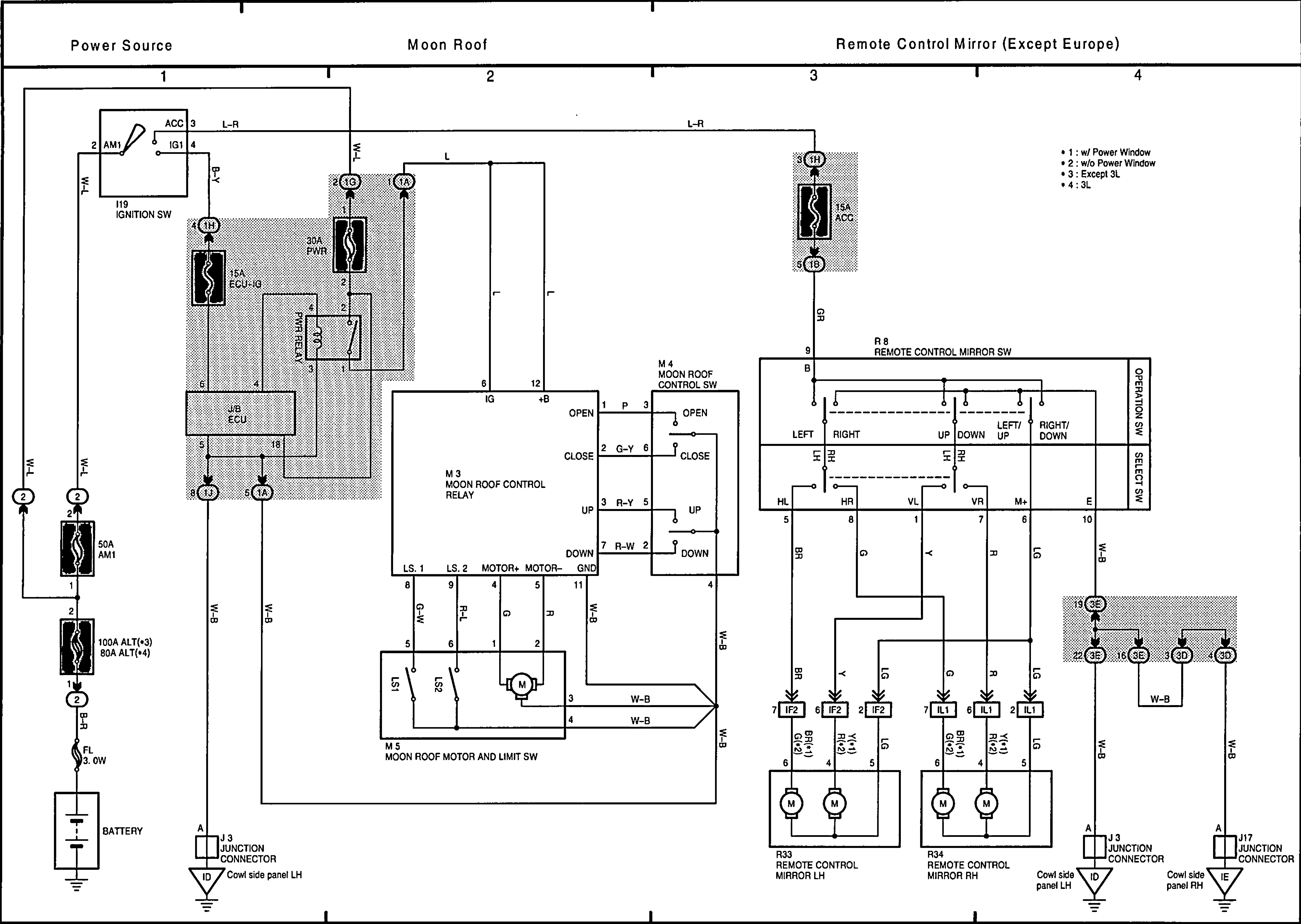


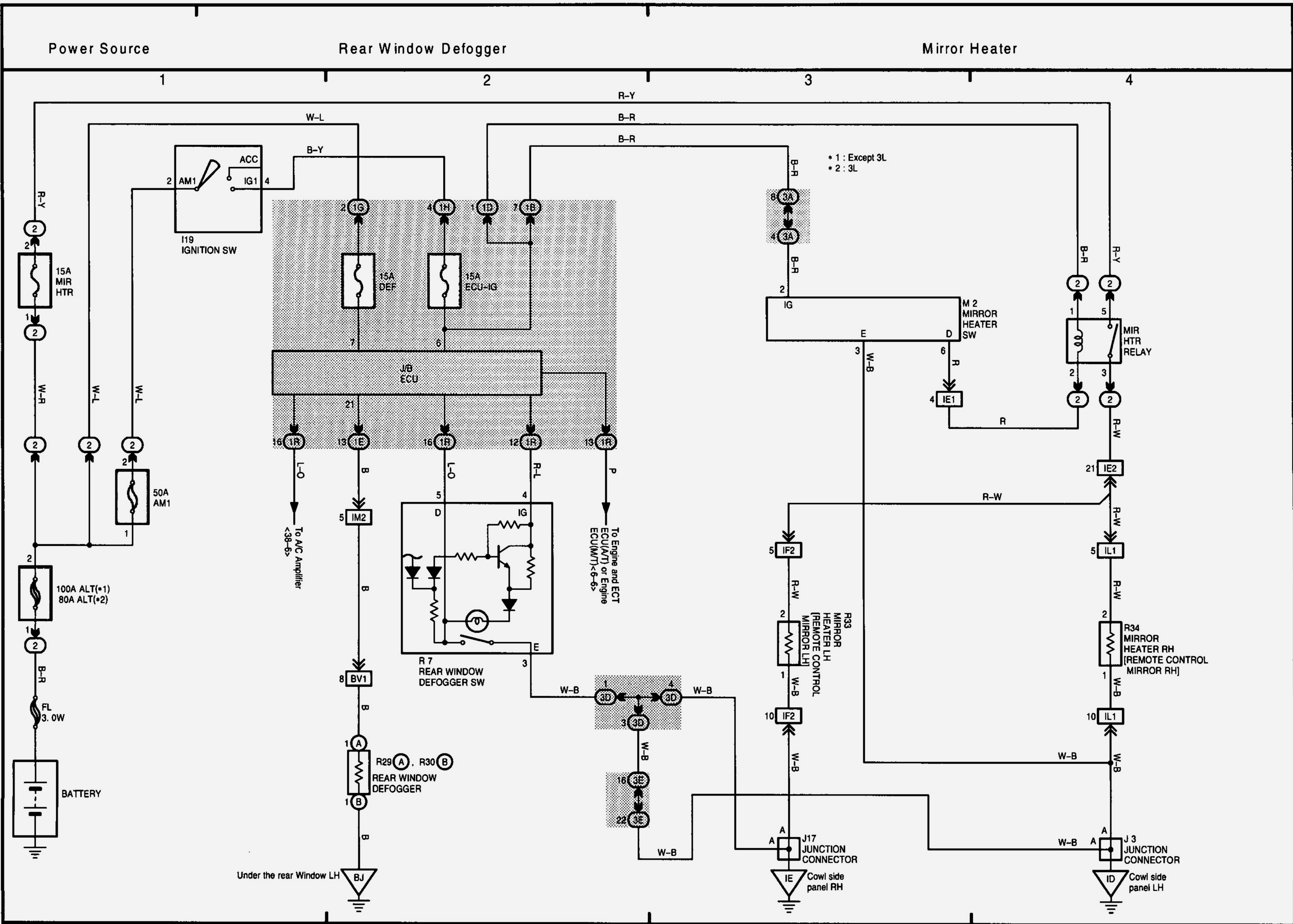
22 LAND CRUISER / LAND CRUISER PRADO (LHD)

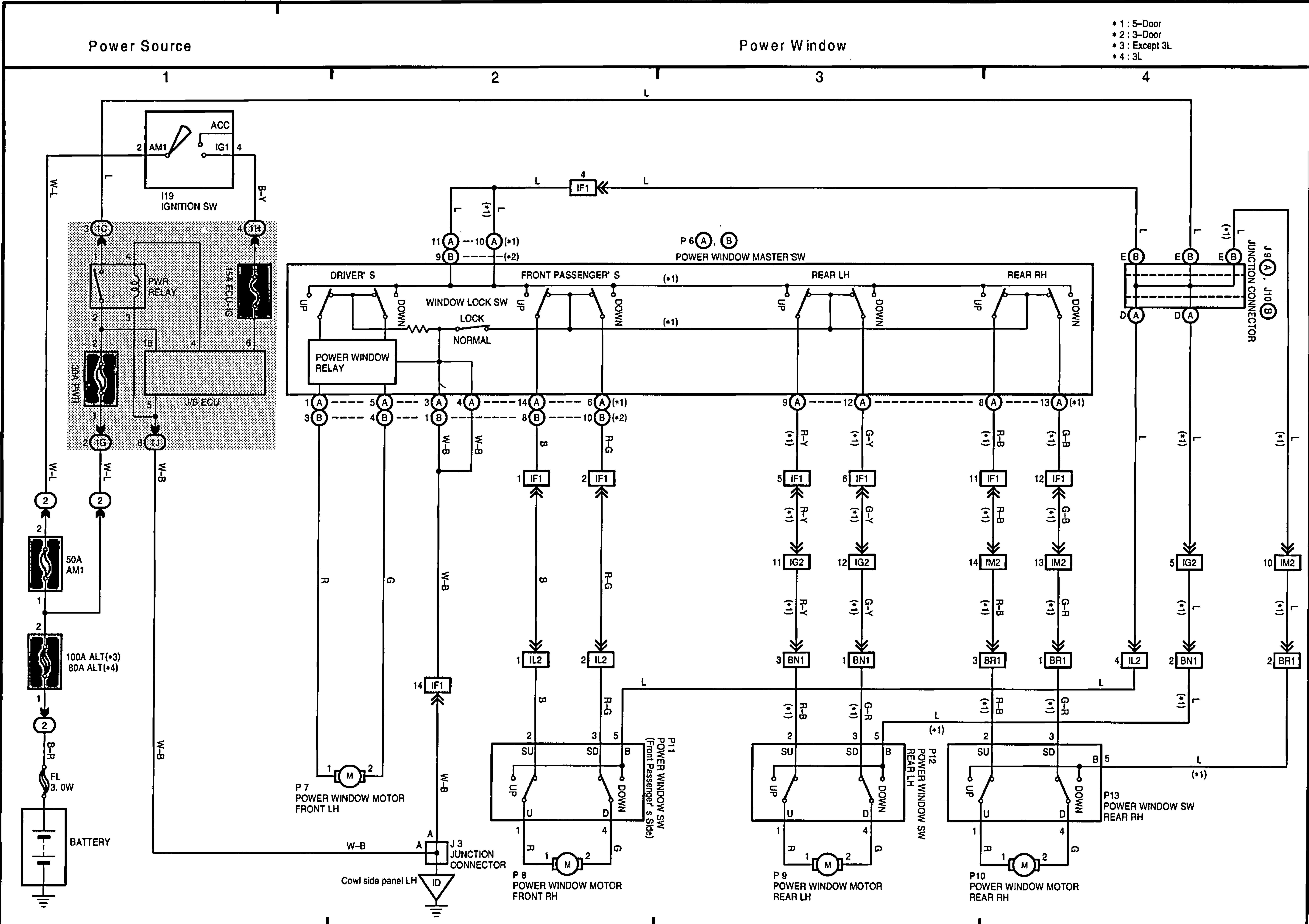




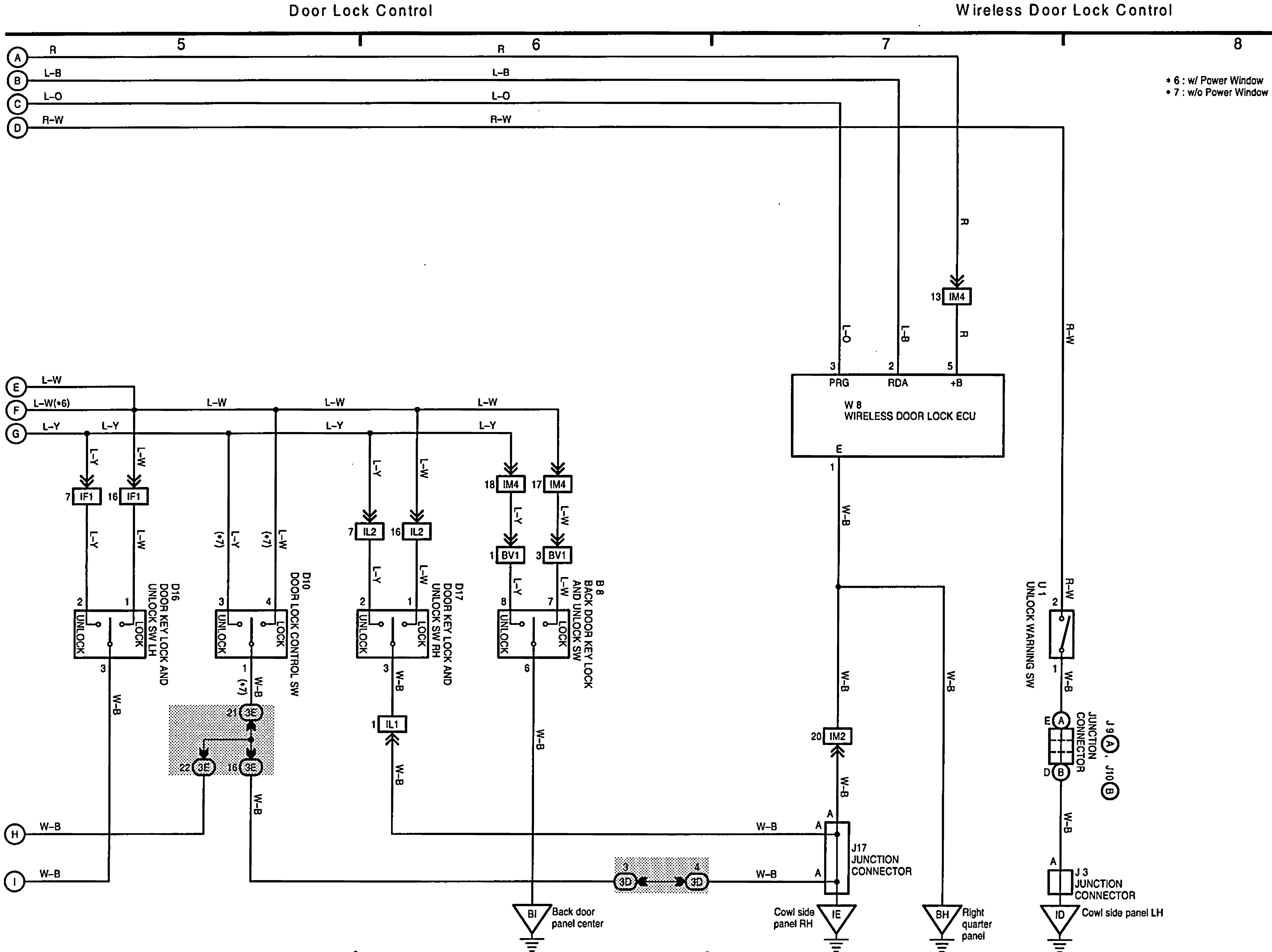
24 LAND CRUISER / LAND CRUISER PRADO (LHD)

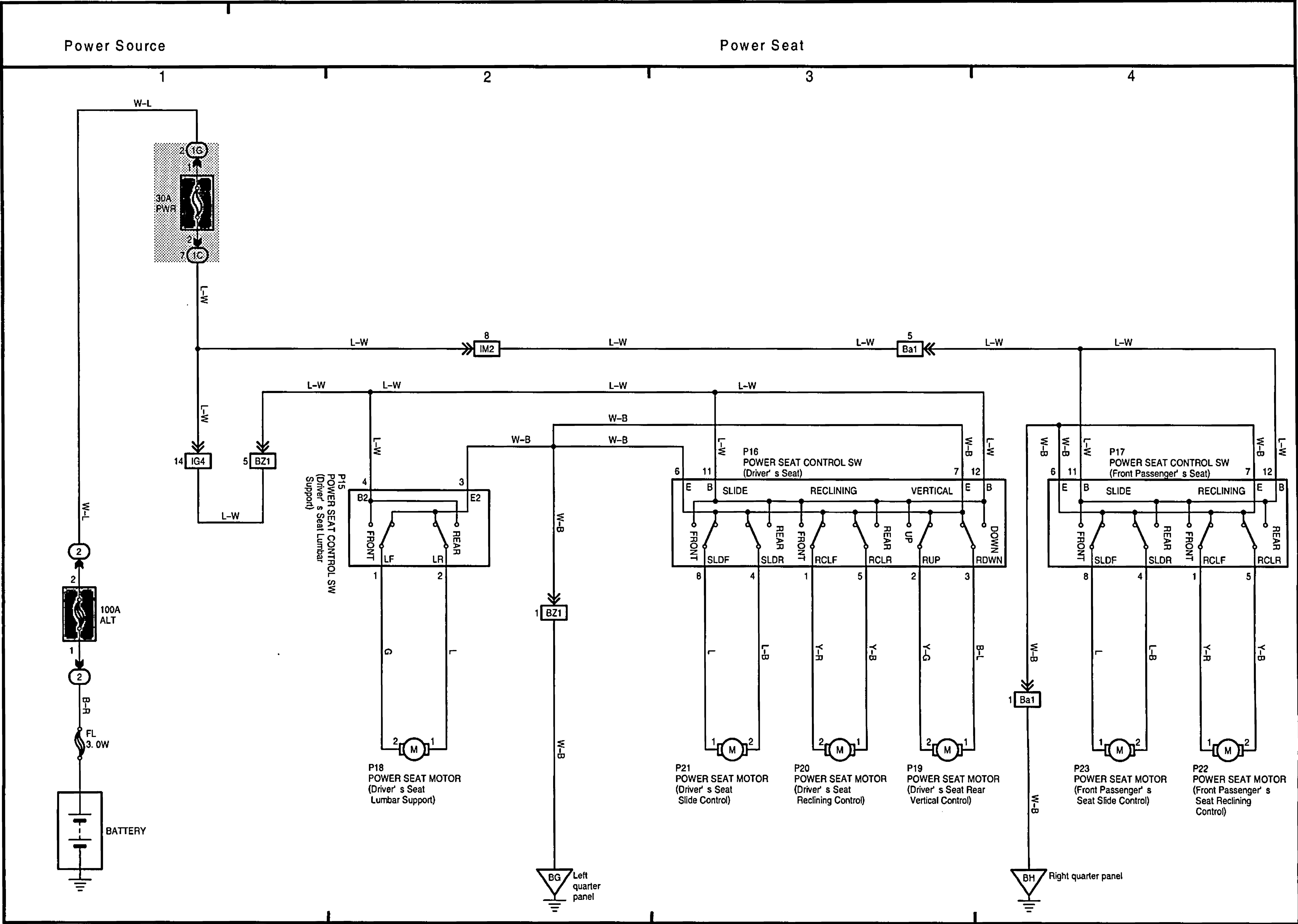




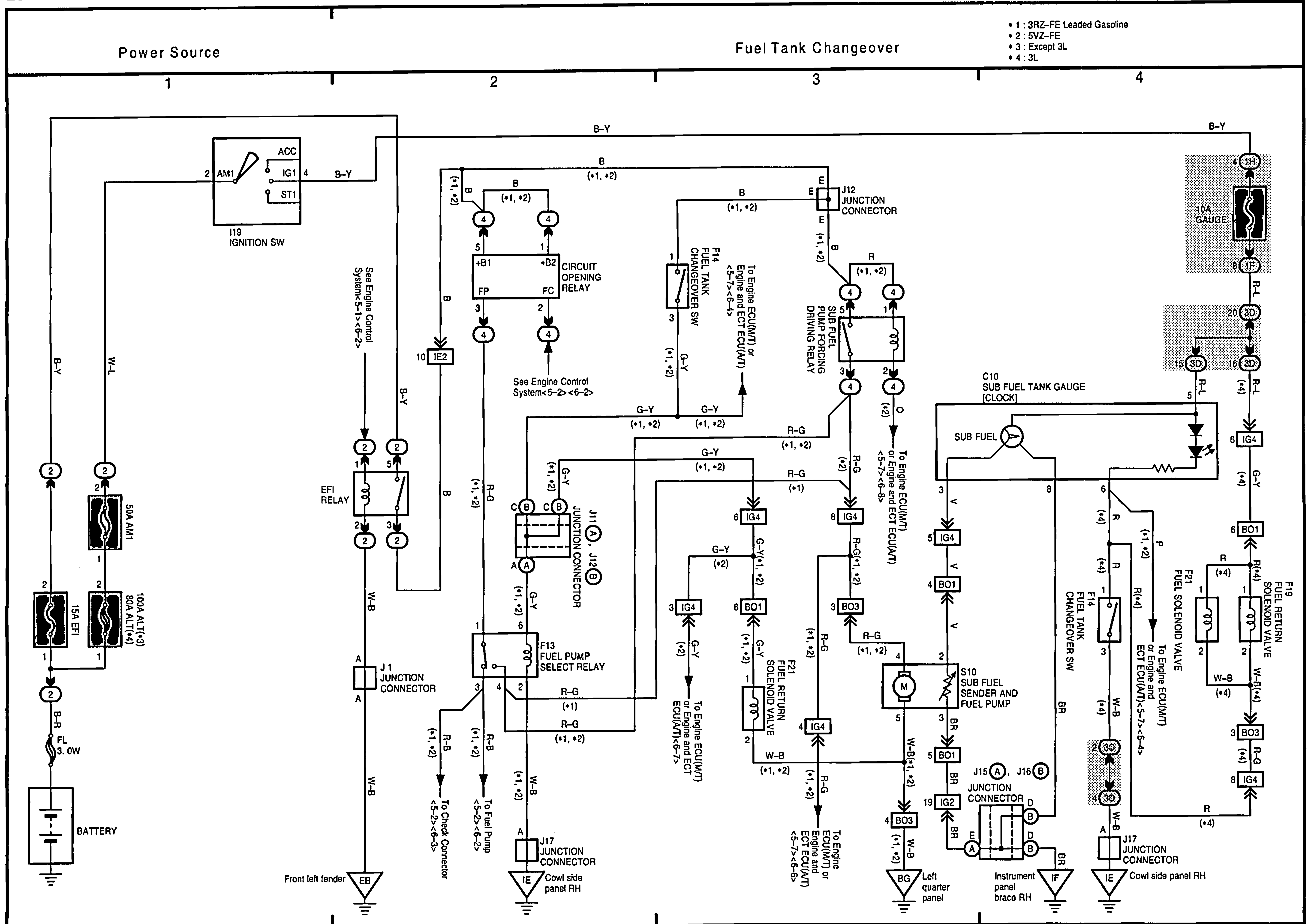


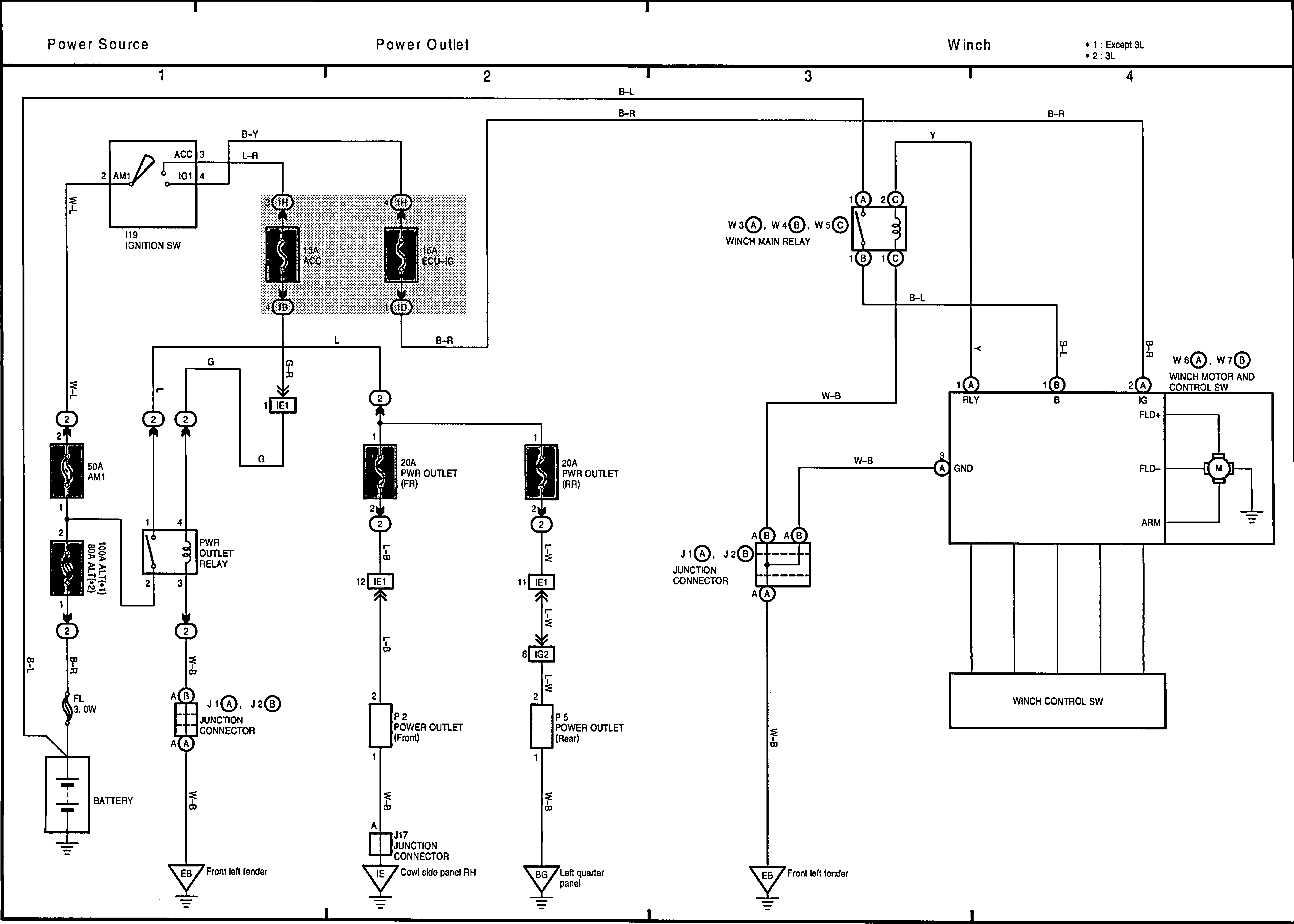
27 LAND CRUISER / LAND CRUISER PRADO (LHD) (Cont' d)



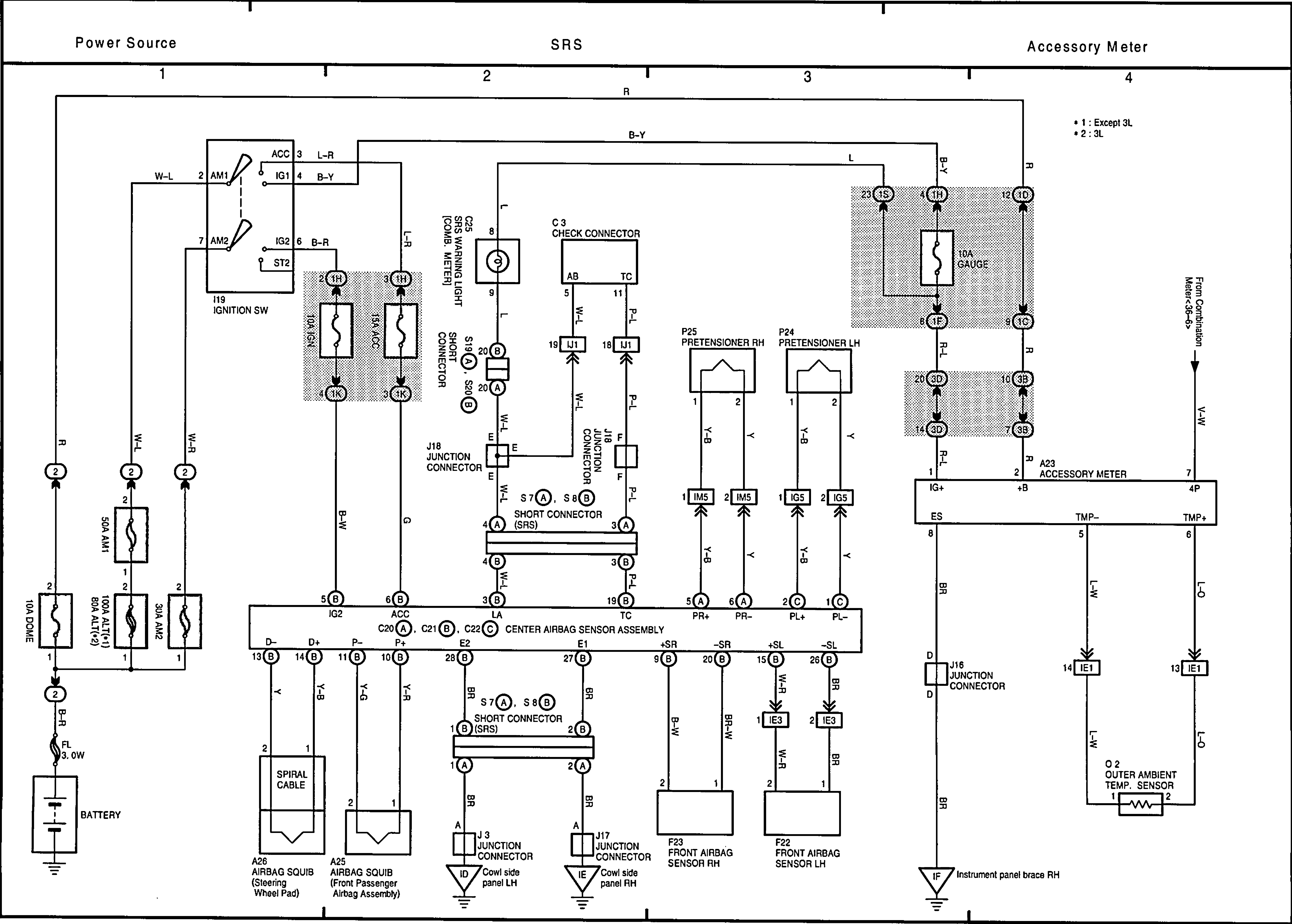


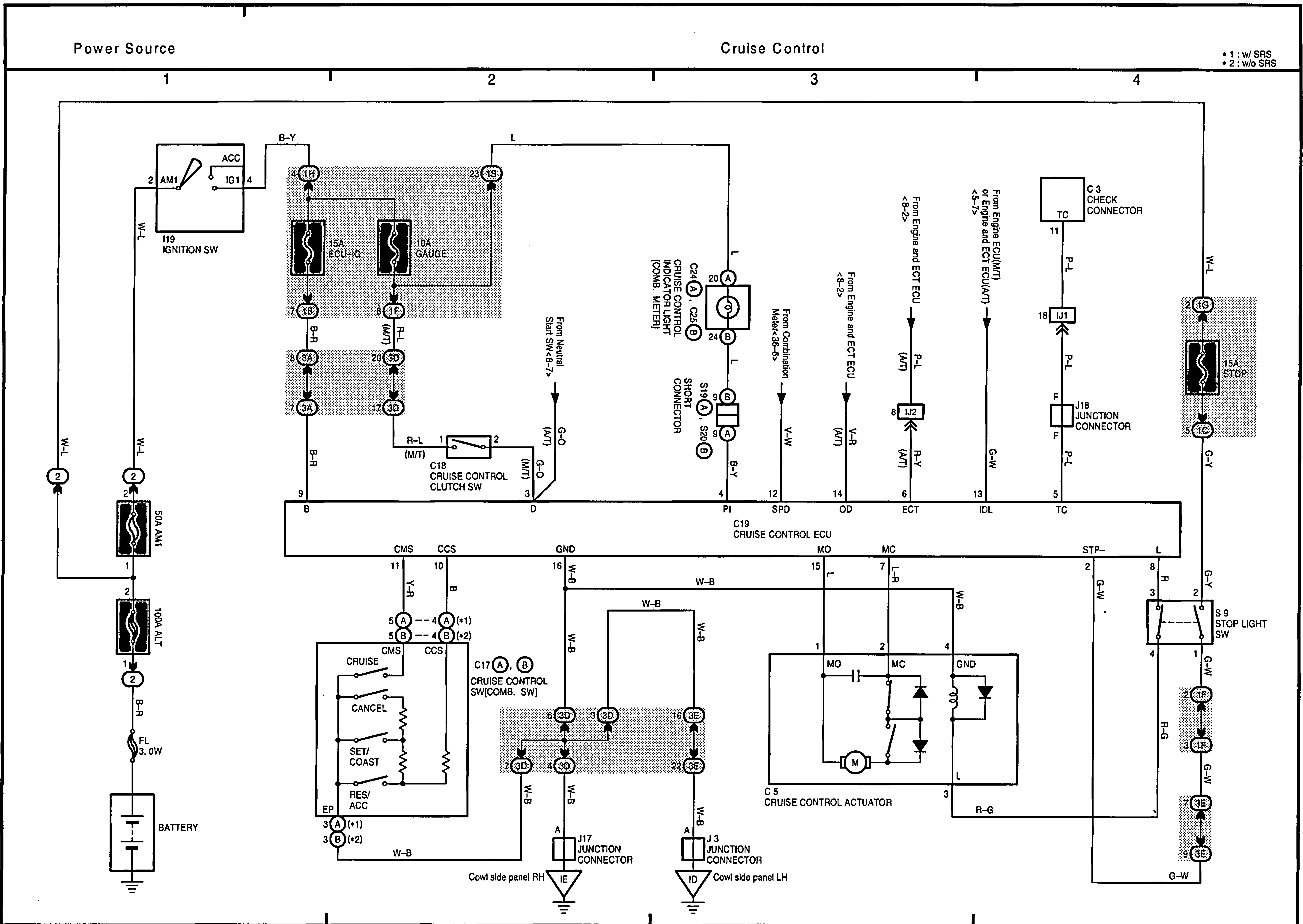
I OVERALL ELECTRICAL WIRING DIAGRAM

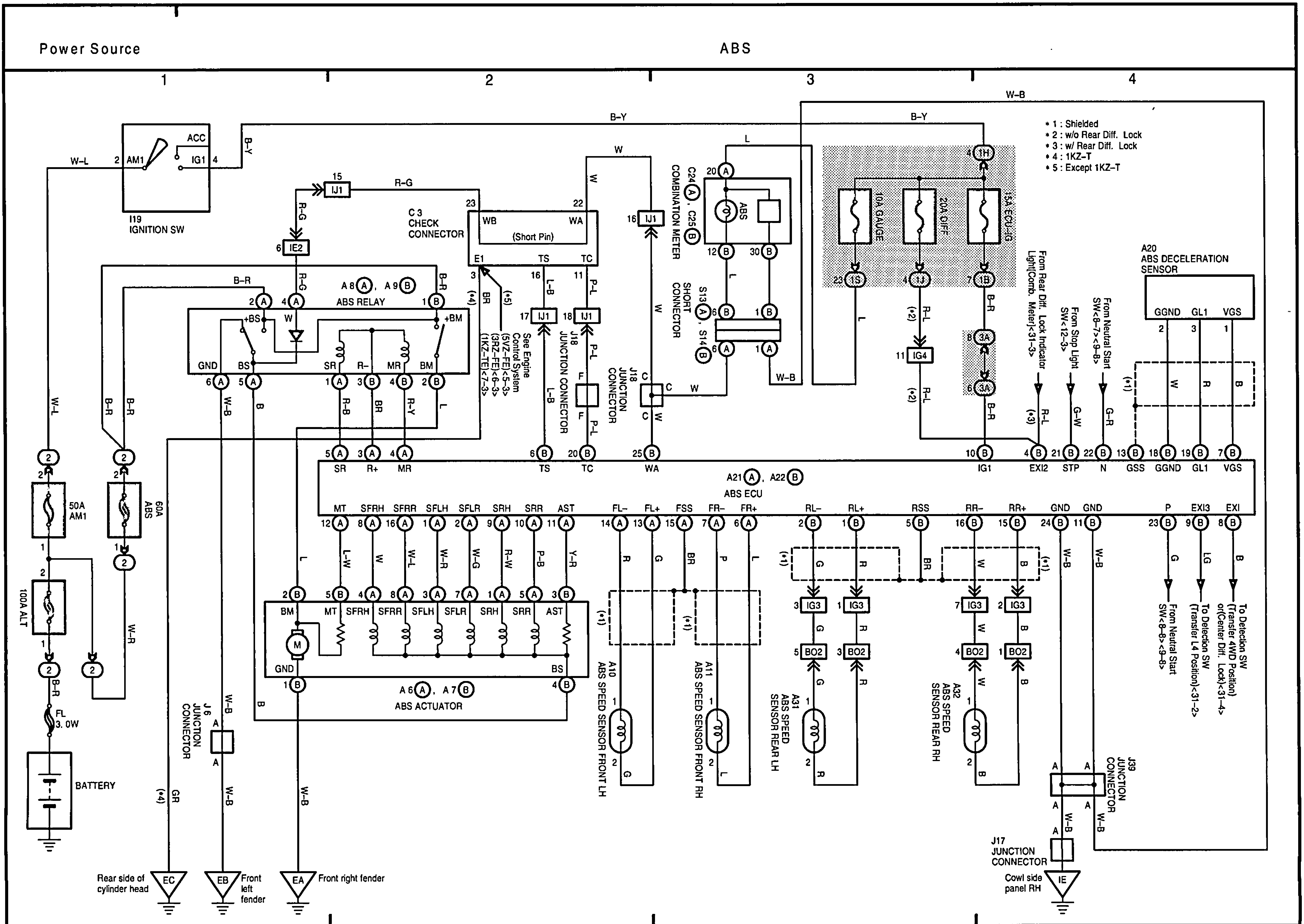




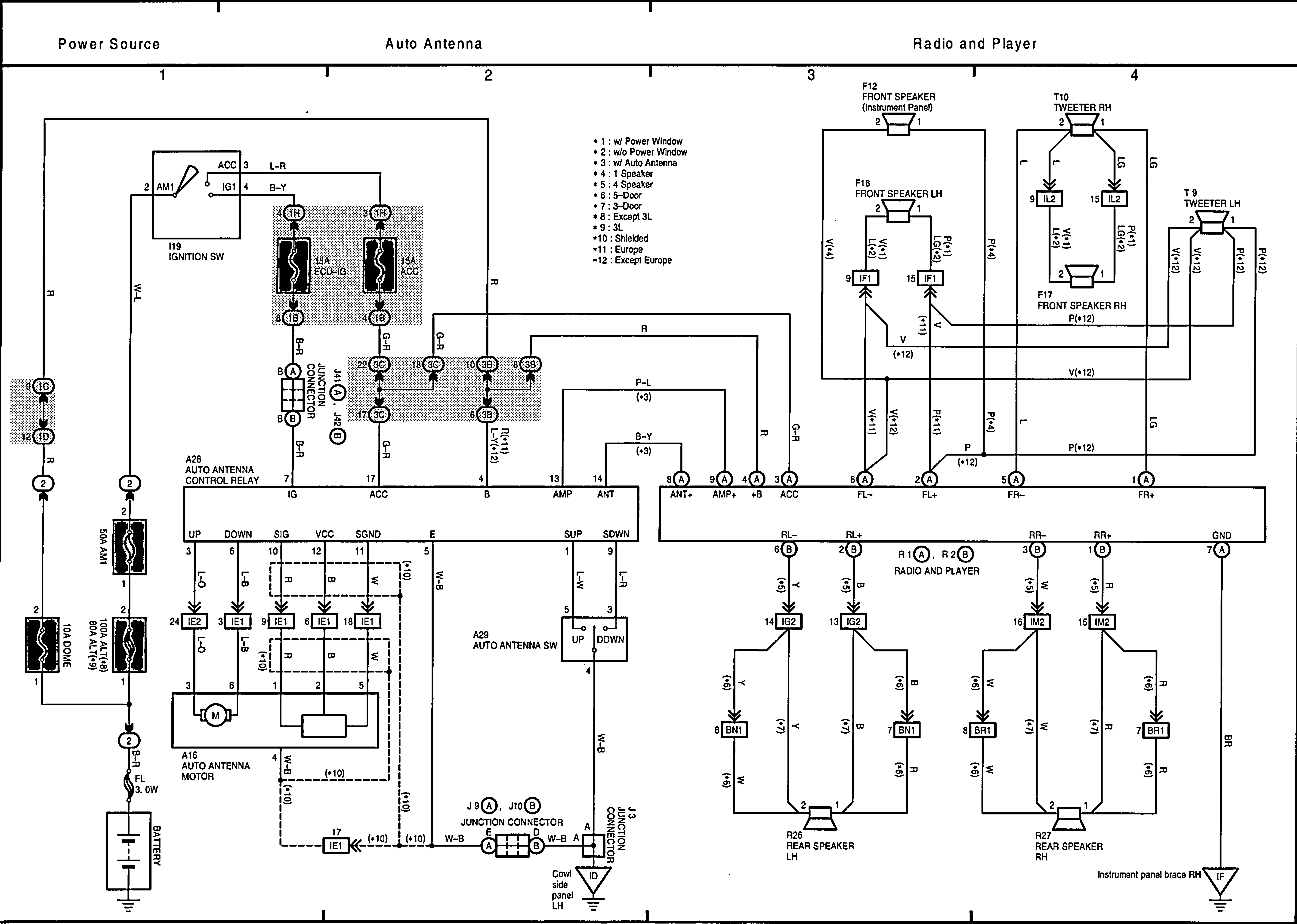
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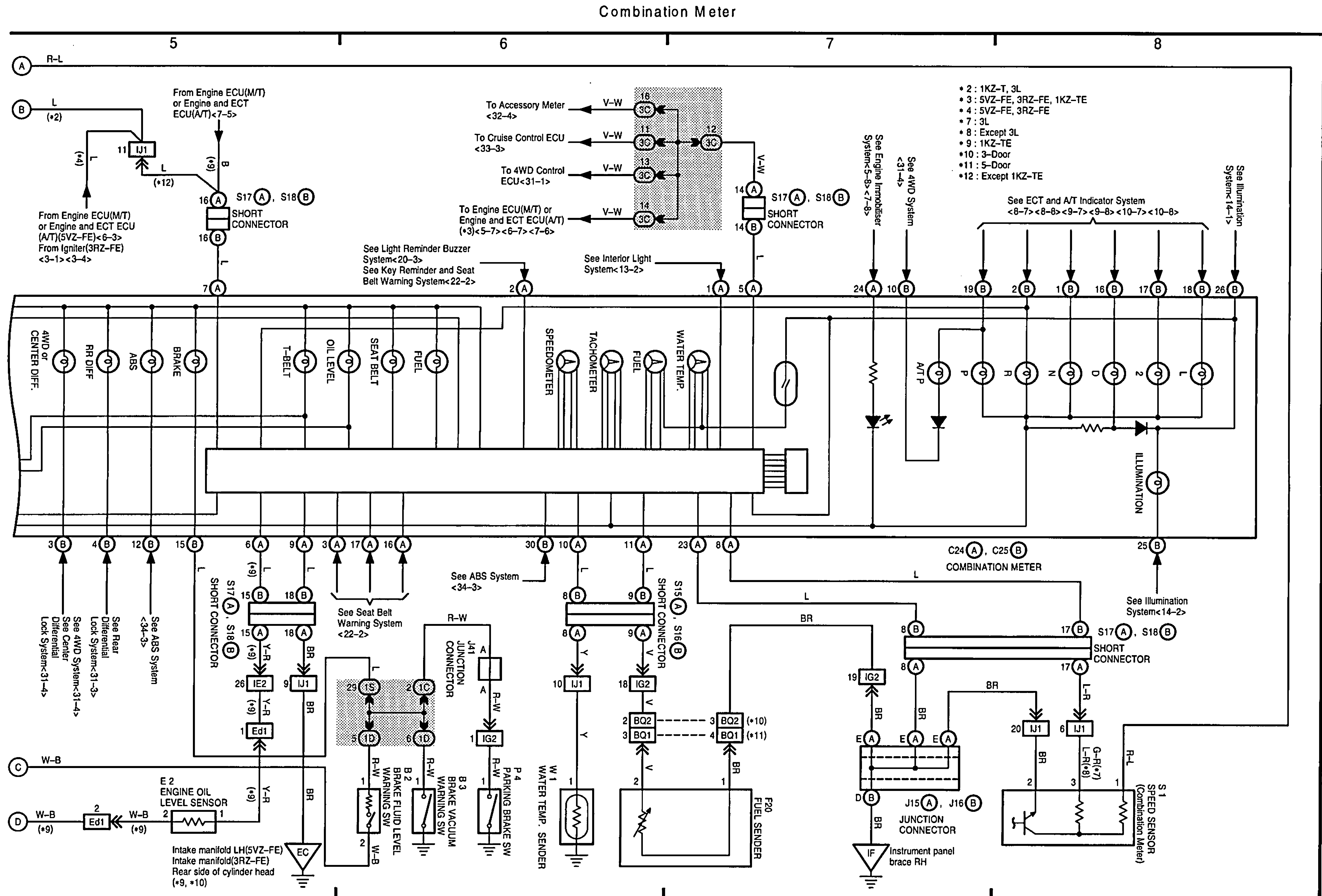


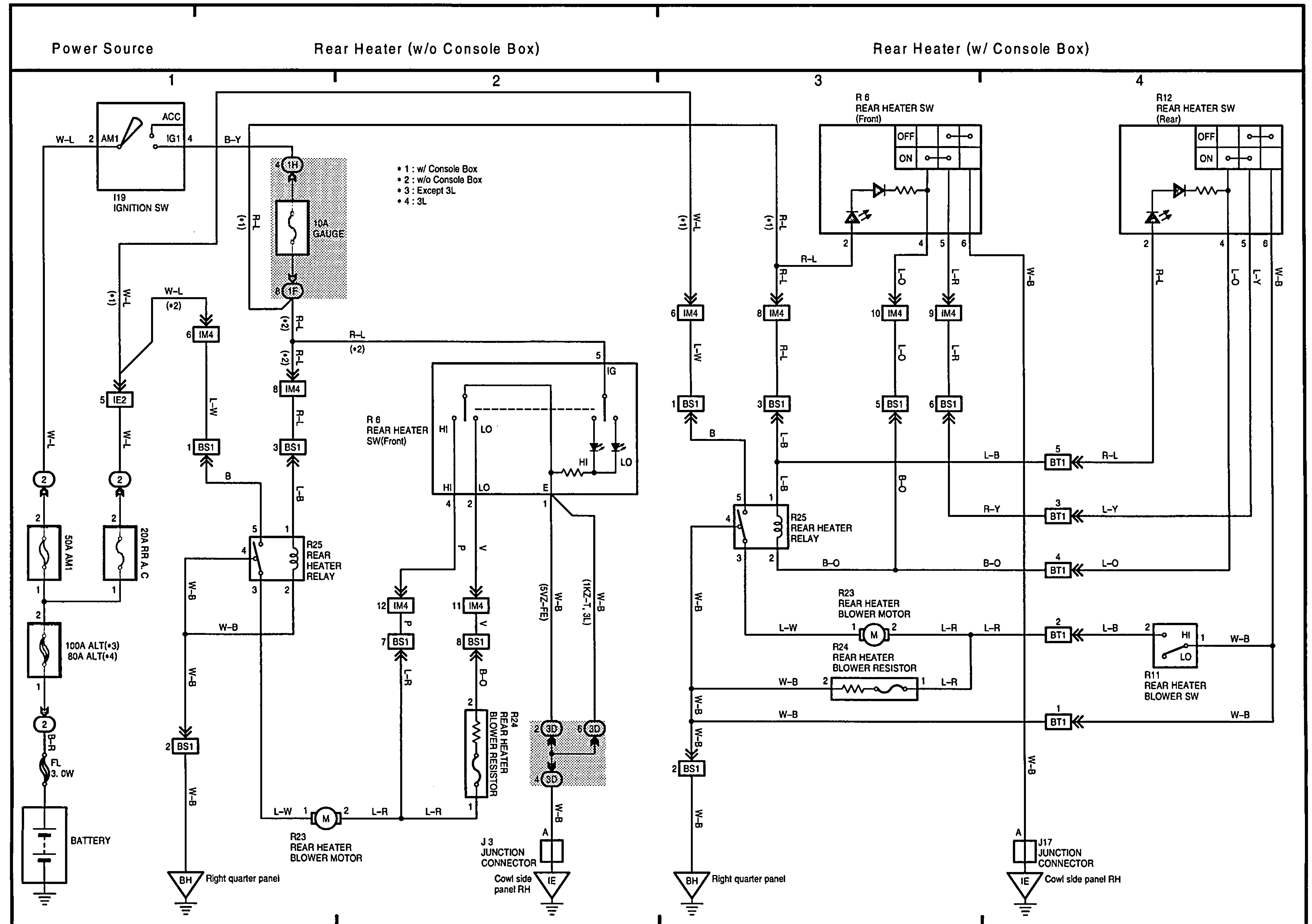




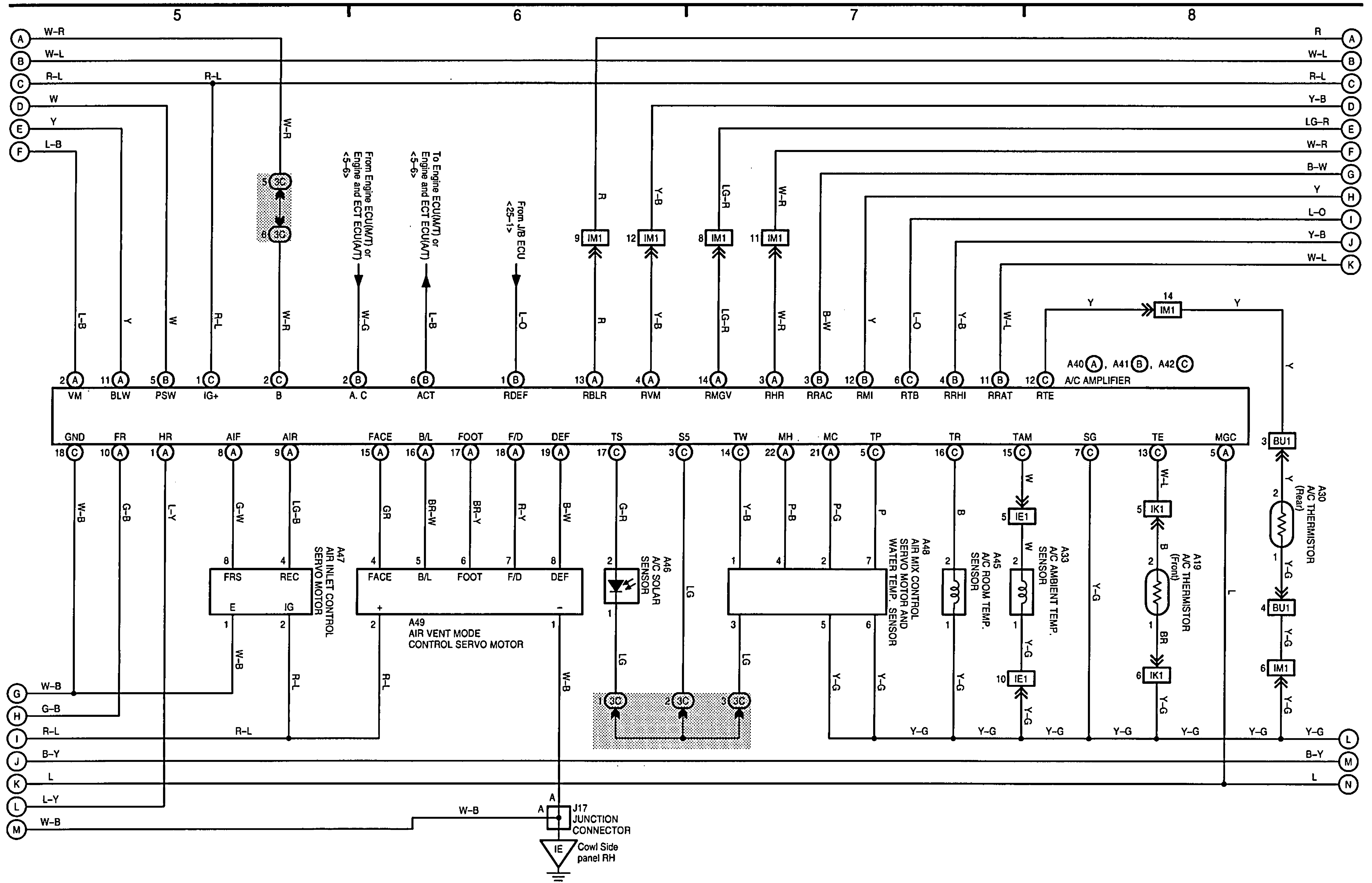
35 LAND CRUISER / LAND CRUISER PRADO (LHD)

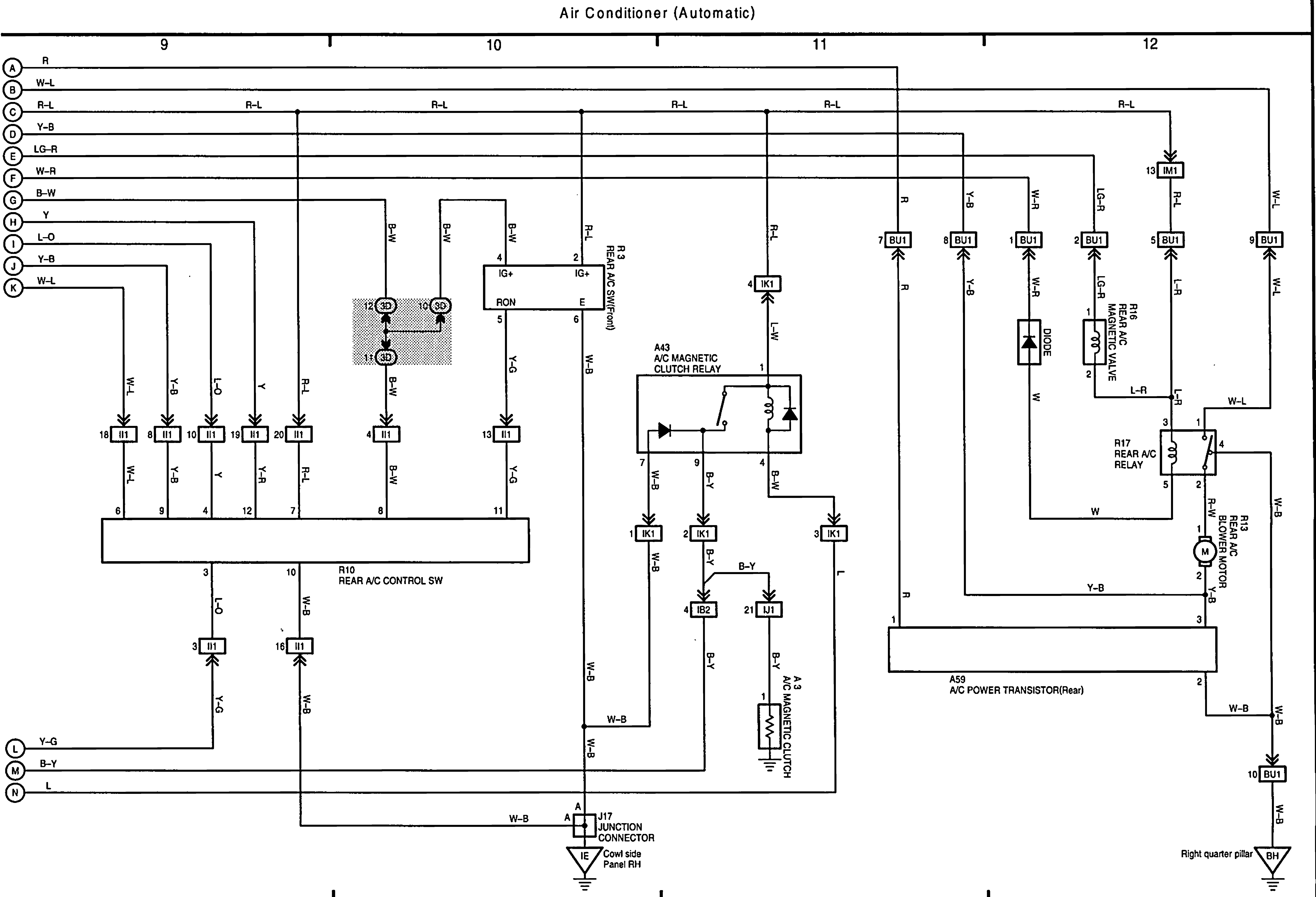




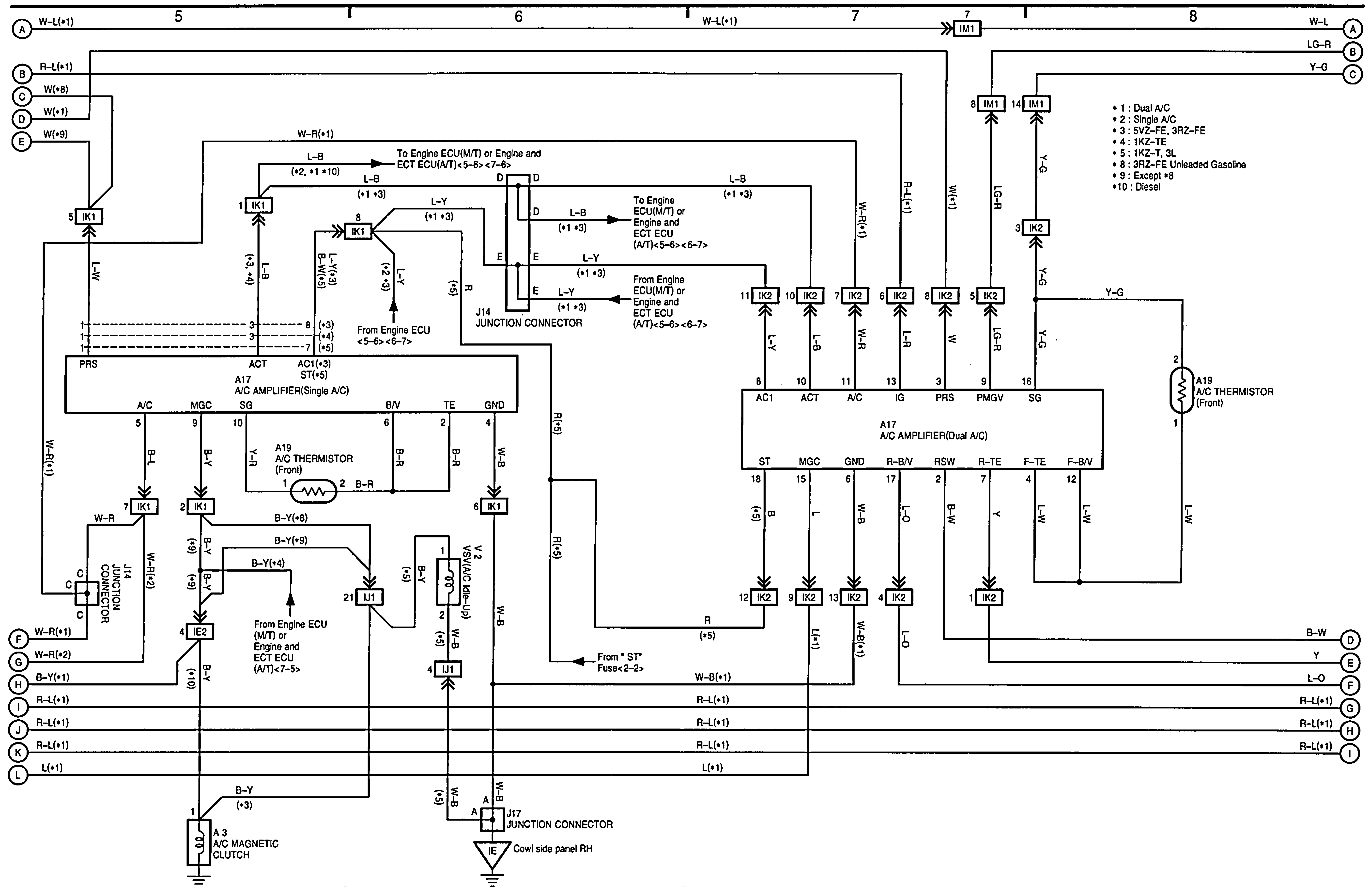


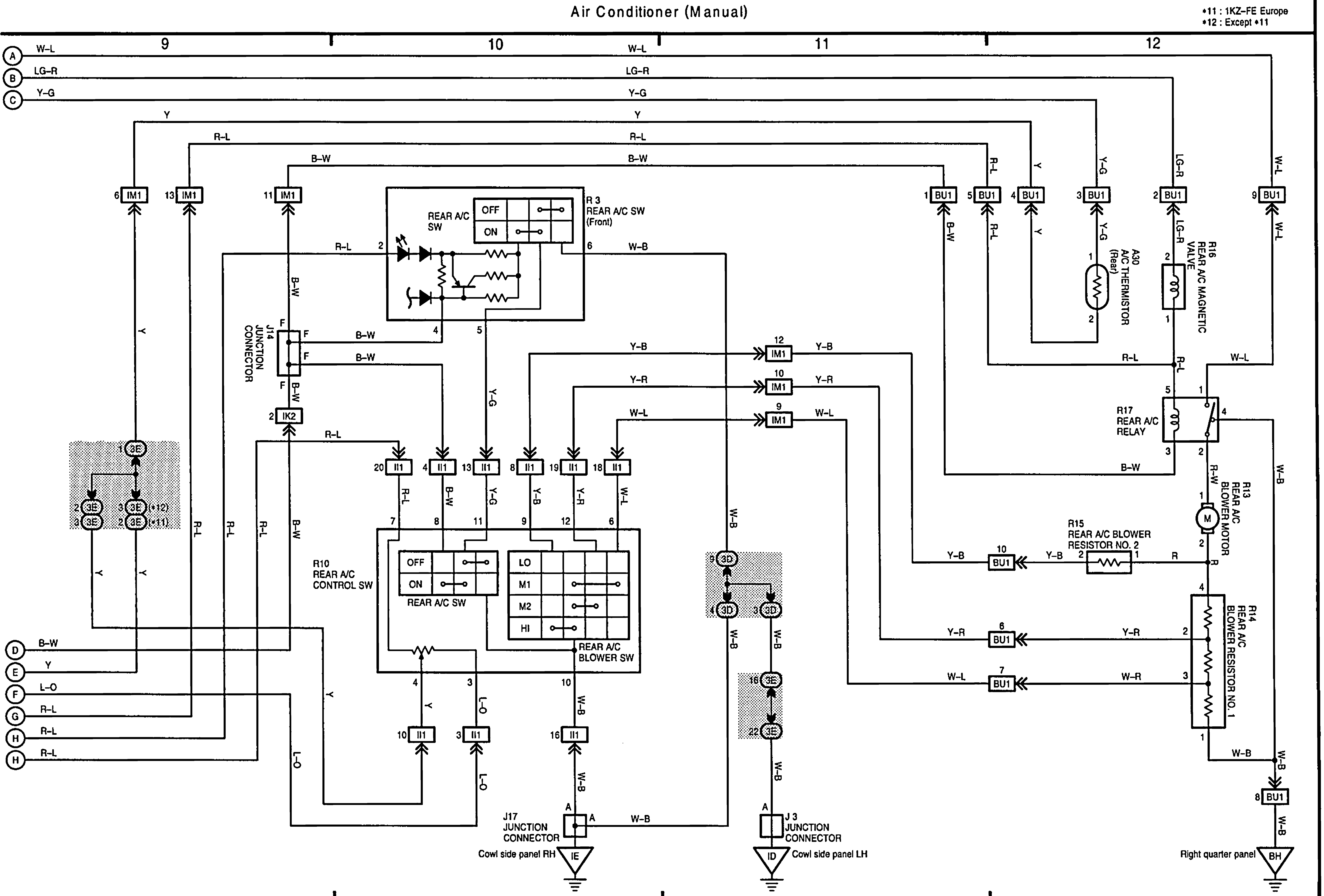
Air Conditioner (Automatic)





Air Conditioner (Manual)





SYSTEM INDEX

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The diagram is a detailed wiring schematic for a vehicle's electrical system, divided into three main functional areas: Power Source, Starting (Gasoline), and Charging (Gasoline). It includes components like the battery, alternator, ignition switch, starter motor, and various sensors and gauges, all connected by a network of wires labeled with colors and numbers.

Power Source: This section shows the battery connected to the system. The main power line (W) runs horizontally across the top. A fuse (FL, 3.0W) is located near the battery. The battery is connected to the starter motor (S3, S4) and the alternator (A14, A15).

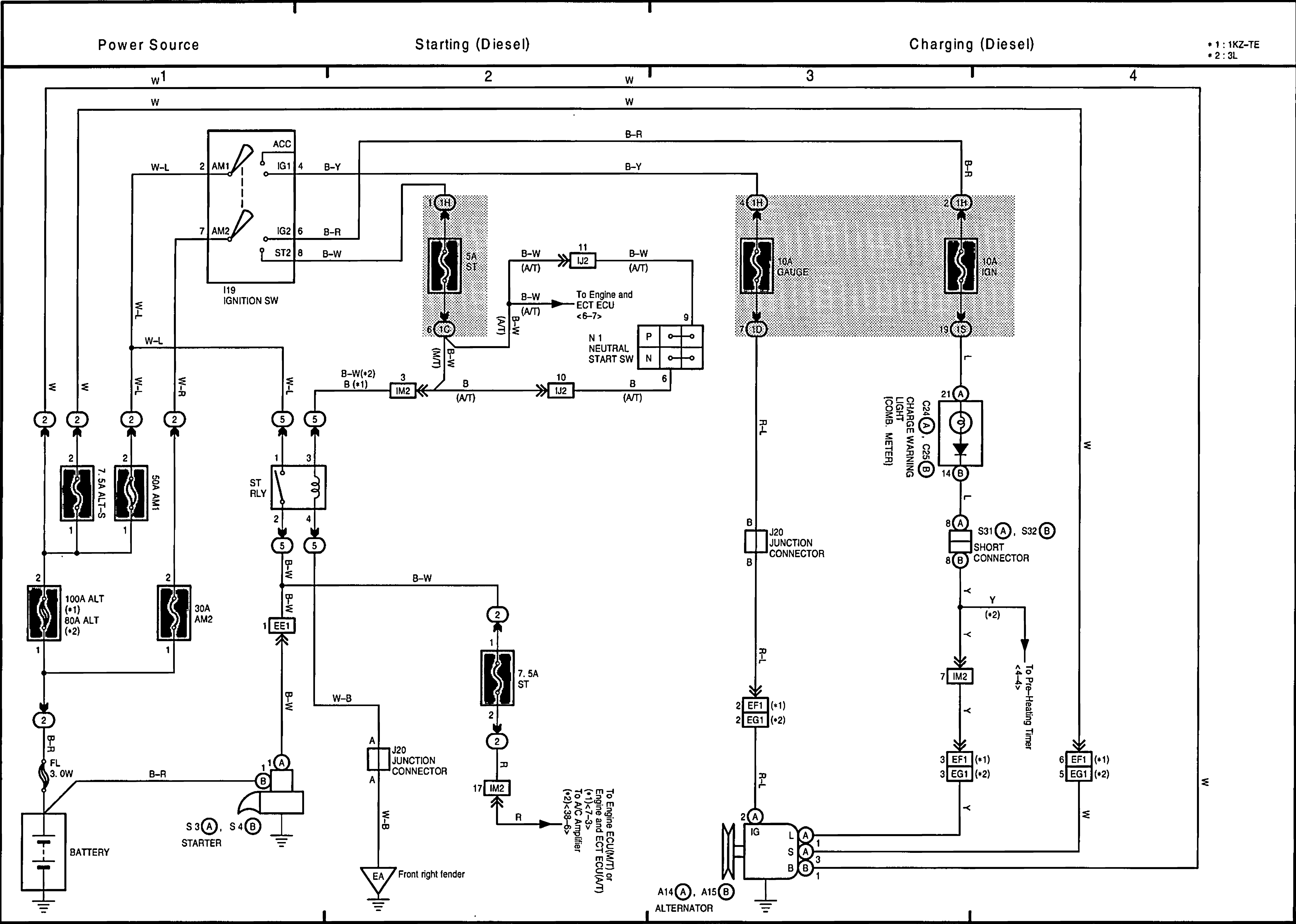
Starting (Gasoline): This section details the ignition and starting circuits. The ignition switch (I19) has terminals for ACC, IG1, IG2, and ST2. The starter motor is controlled by a starter relay (ST RELAY) and a neutral start switch (N1). The diagram shows the flow of current from the battery through various fuses and relays to the starter motor and the ignition system.

Charging (Gasoline): This section shows the charging system, including the alternator (A14, A15) and the 10A gauge. The alternator's output is connected to the battery and the 10A gauge. The diagram also shows the connection to the engine ECU (M/T or A/T) for engine and ECT monitoring.

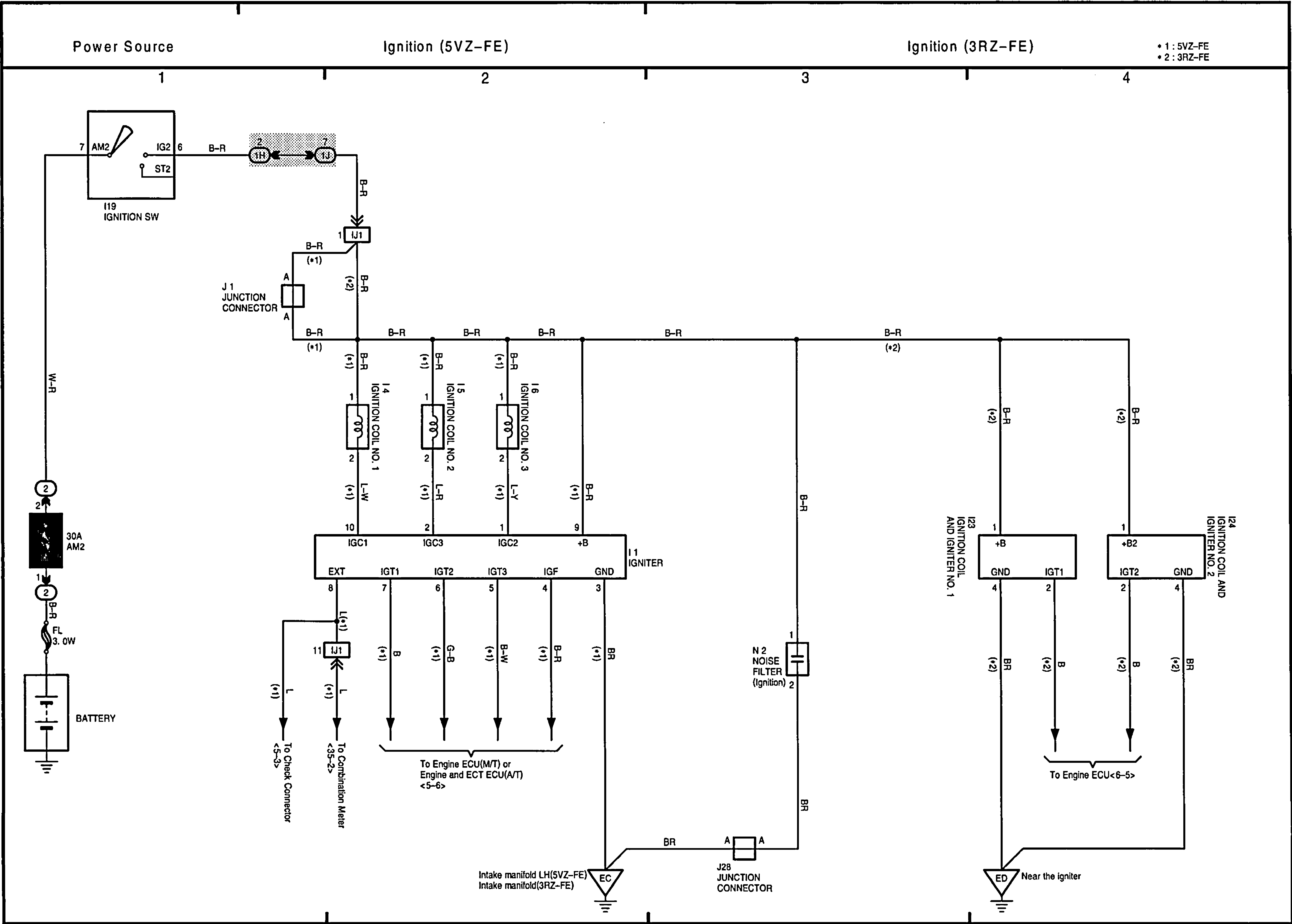
The diagram uses a color-coded wire system: W (White), B (Black), R (Red), Y (Yellow), L (Blue), and G (Green). Wire numbers (e.g., 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25) are used to identify specific wires throughout the system.

OVERALL ELECTRICAL WIRING DIAGRAM

2 LAND CRUISER / LAND CRUISER PRADO (RHD)

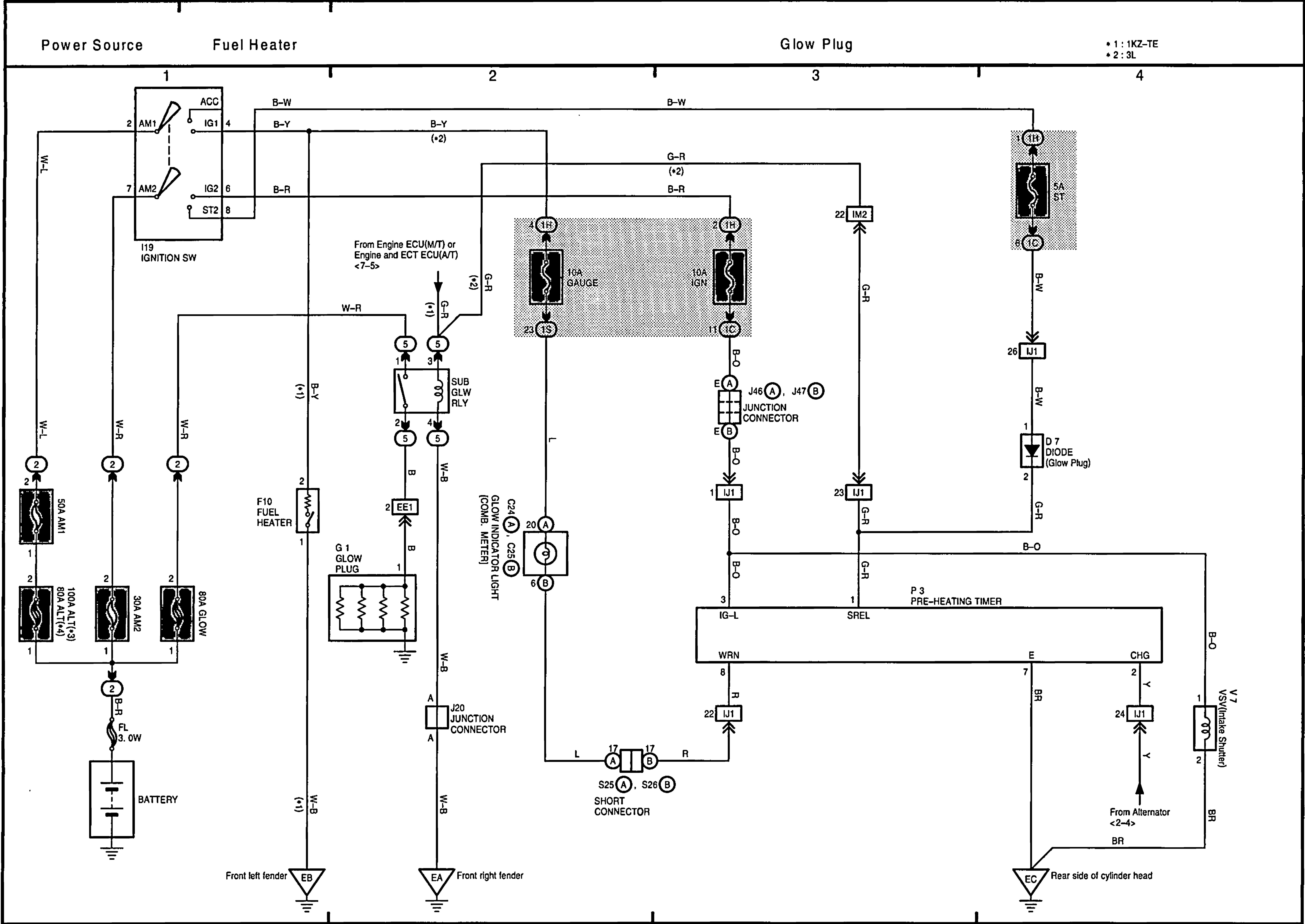


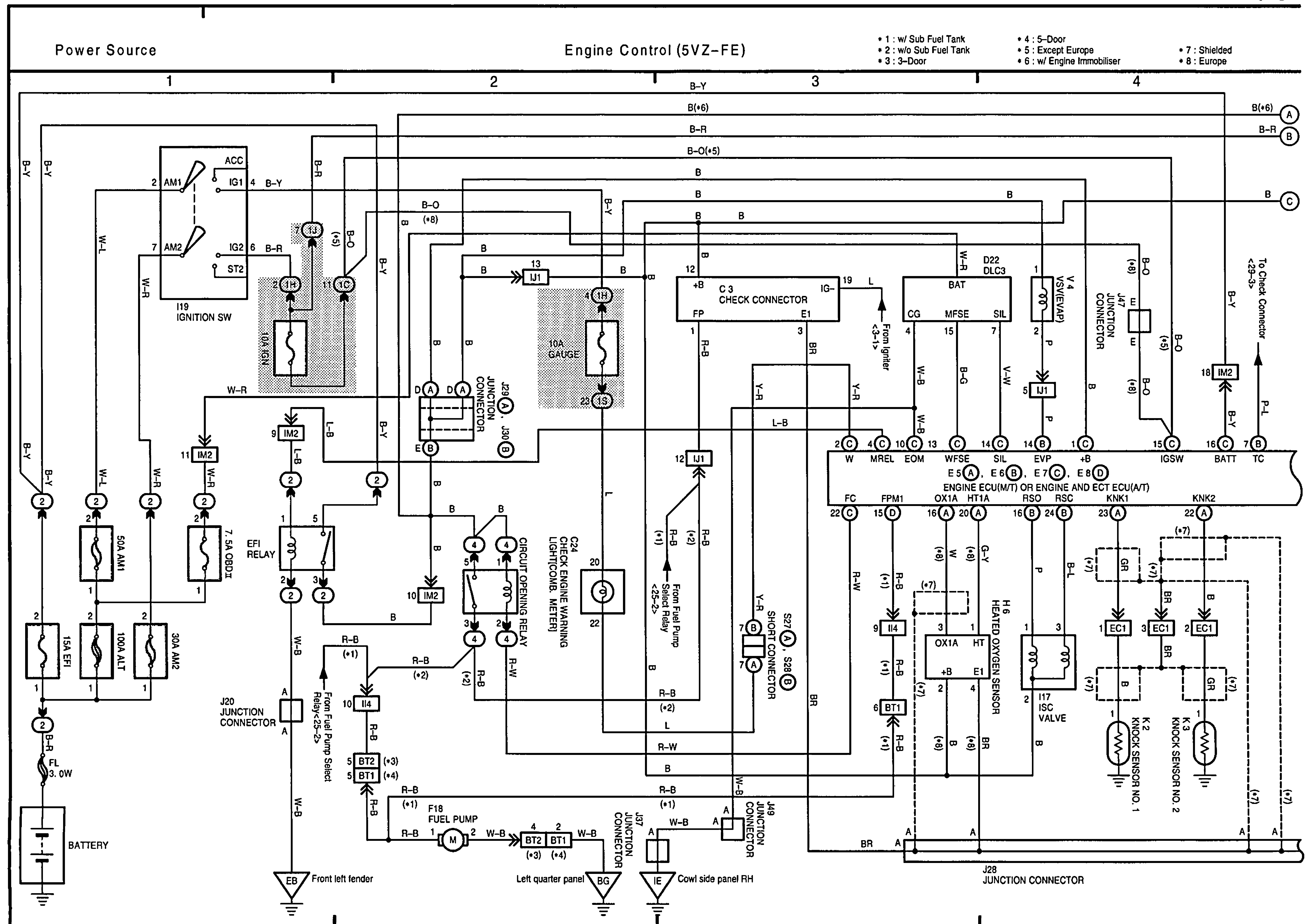
3 LAND CRUISER / LAND CRUISER PRADO (RHD)



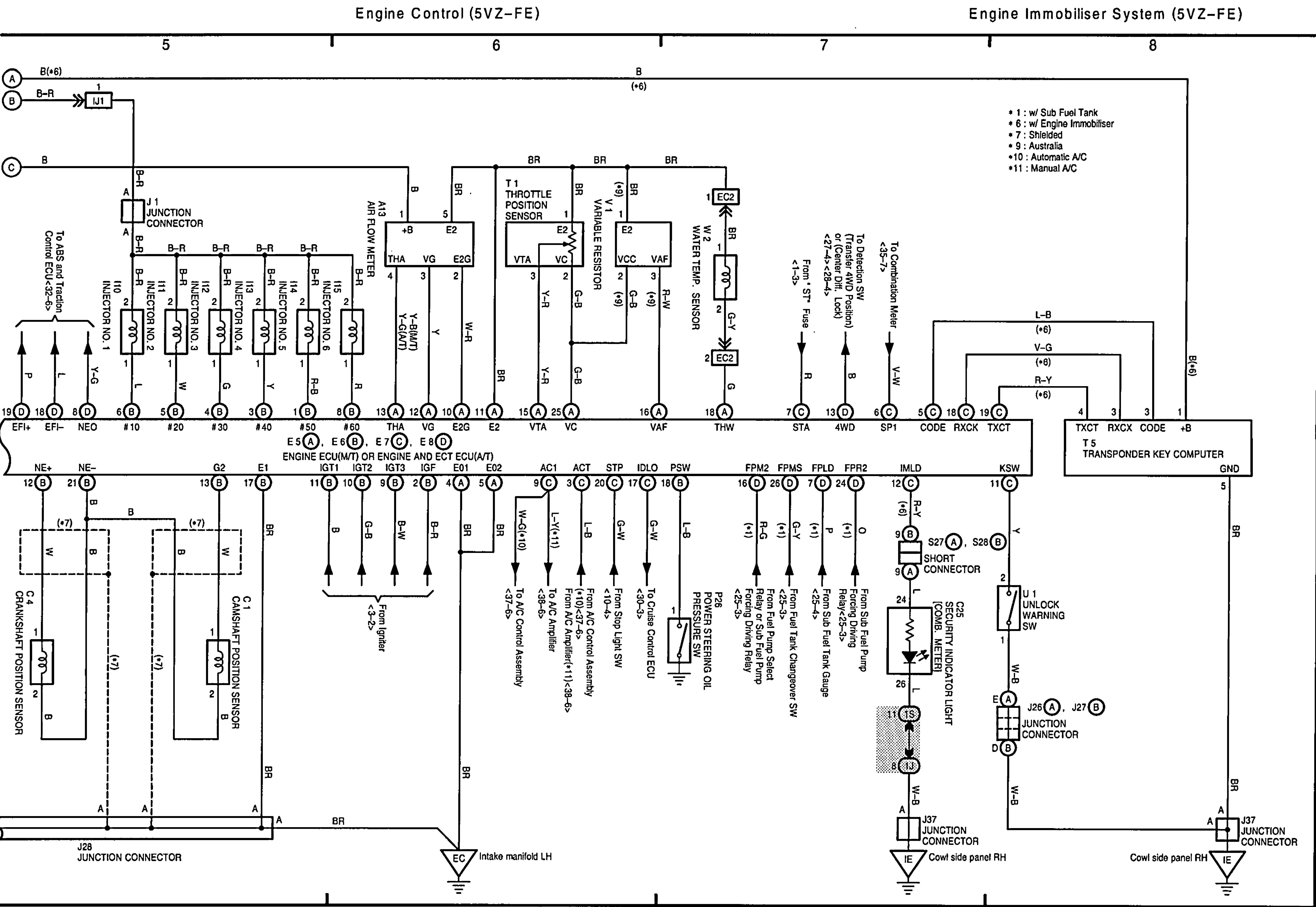
I OVERALL ELECTRICAL WIRING DIAGRAM

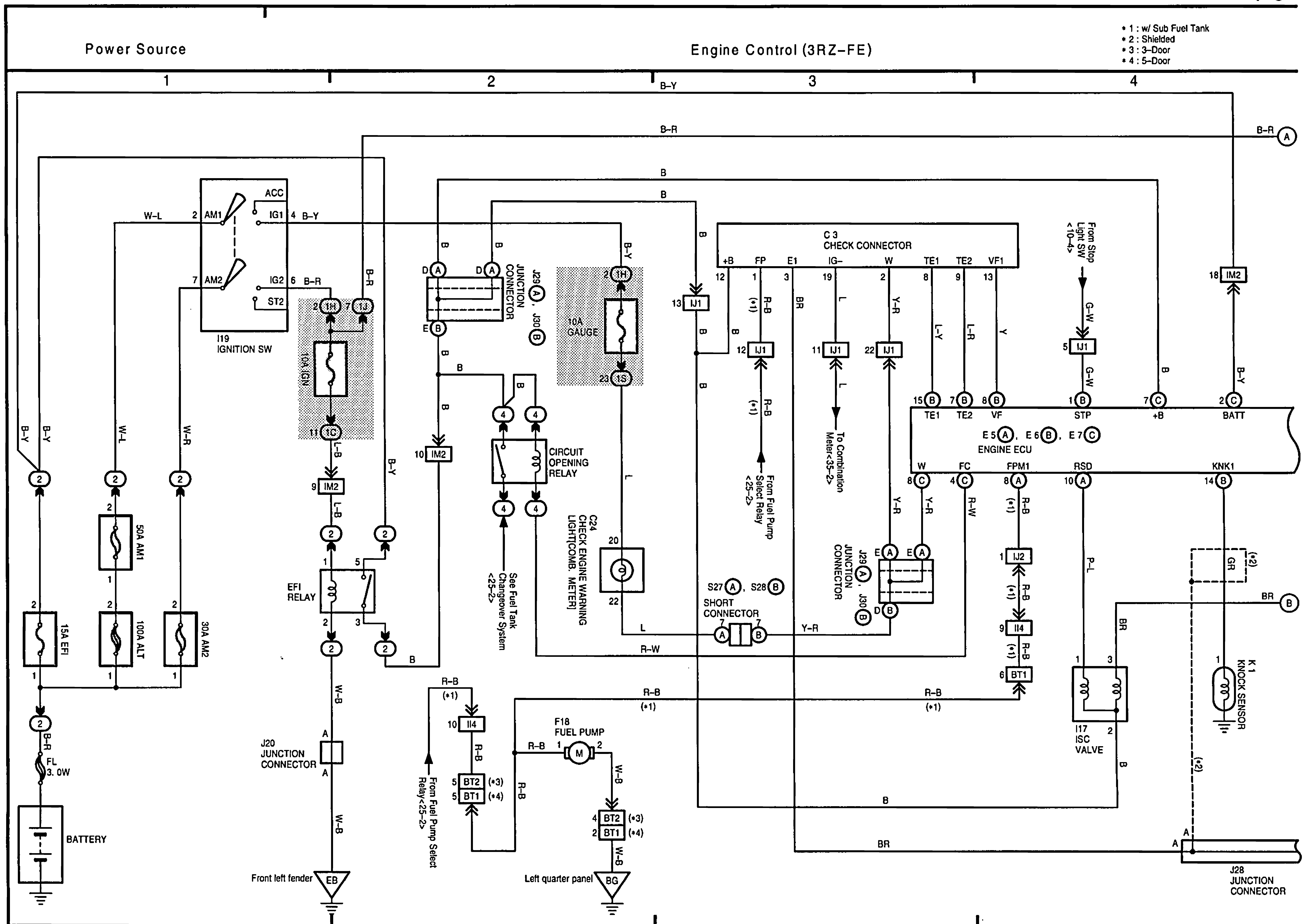
4 LAND CRUISER / LAND CRUISER PRADO (RHD)





5 LAND CRUISER / LAND CRUISER PRADO (RHD) (Cont' d)

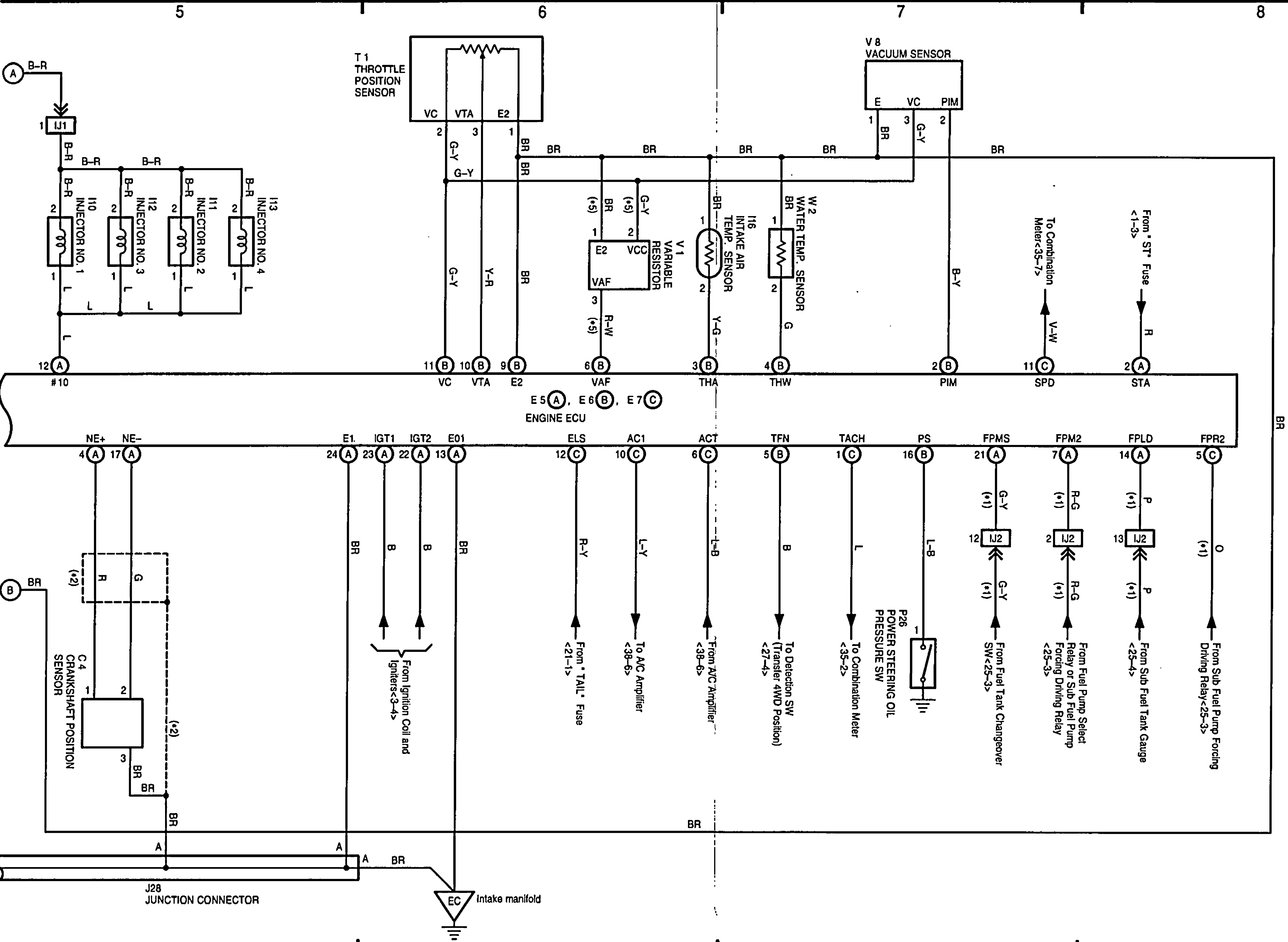


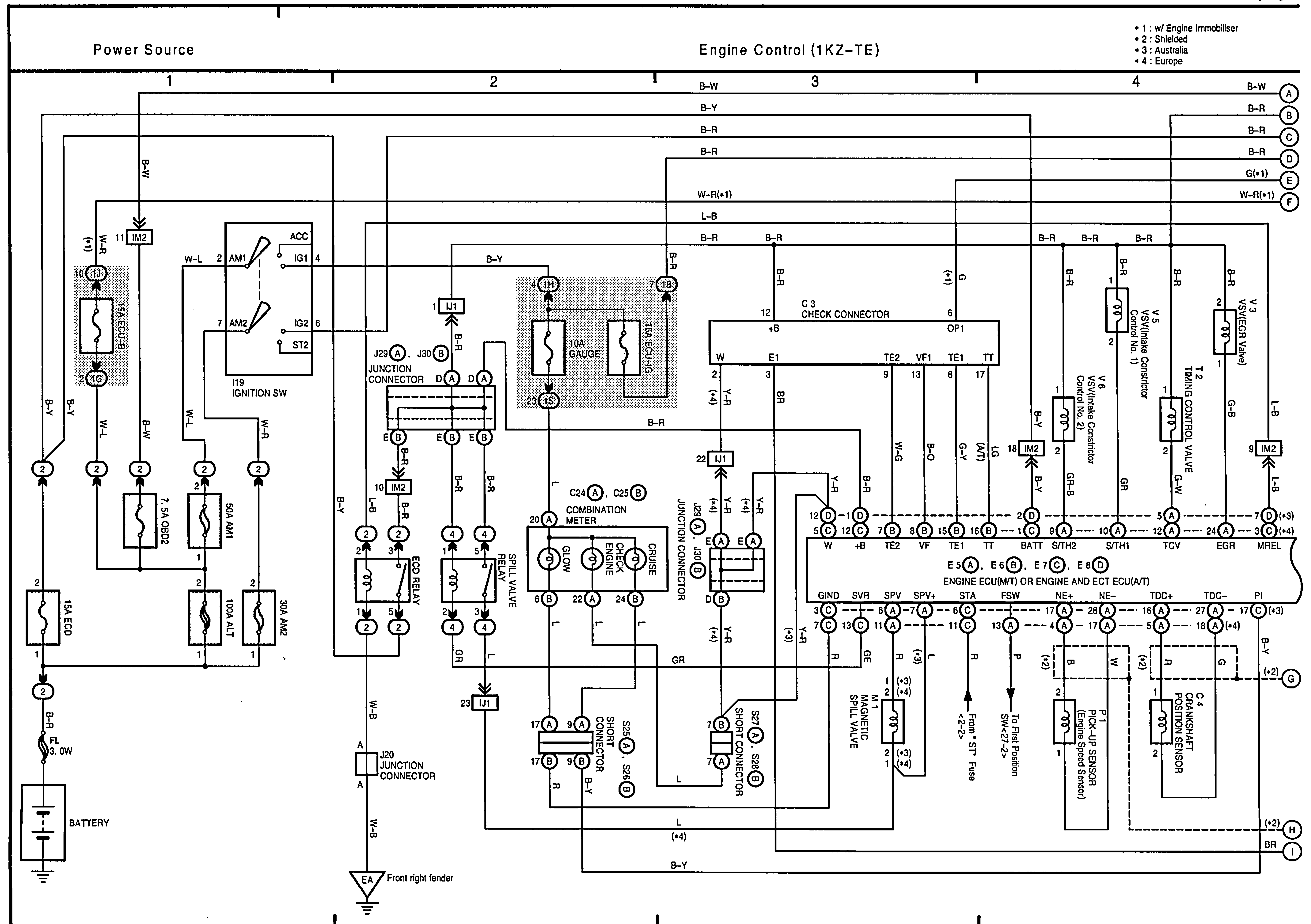


6 LAND CRUISER / LAND CRUISER PRADO (RHD) (Cont' d)

Engine Control (3RZ-FE)

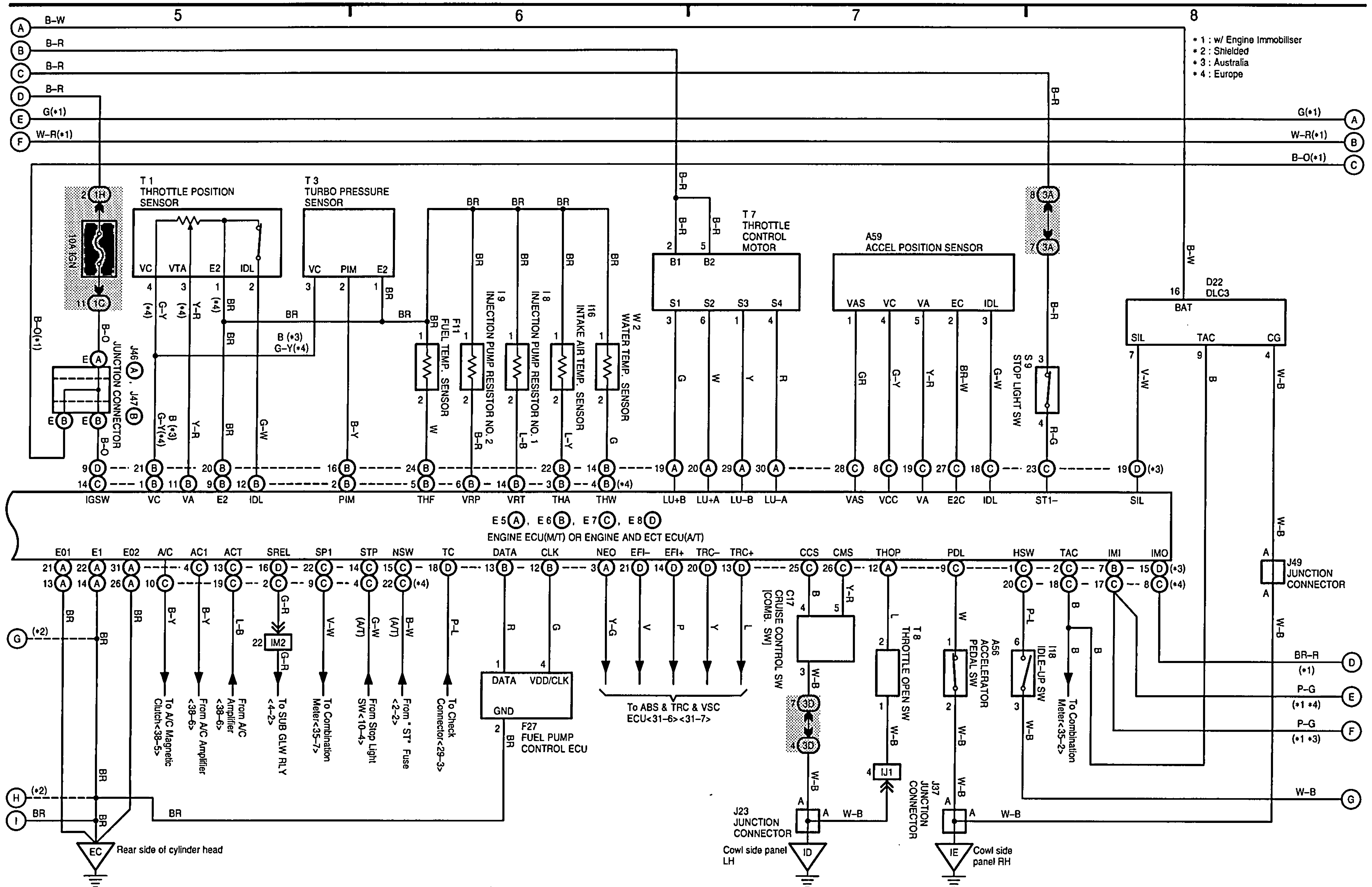
- * 1 : w/ Sub Fuel Tank
- * 2 : Shielded
- * 5 : Australia, General M/T





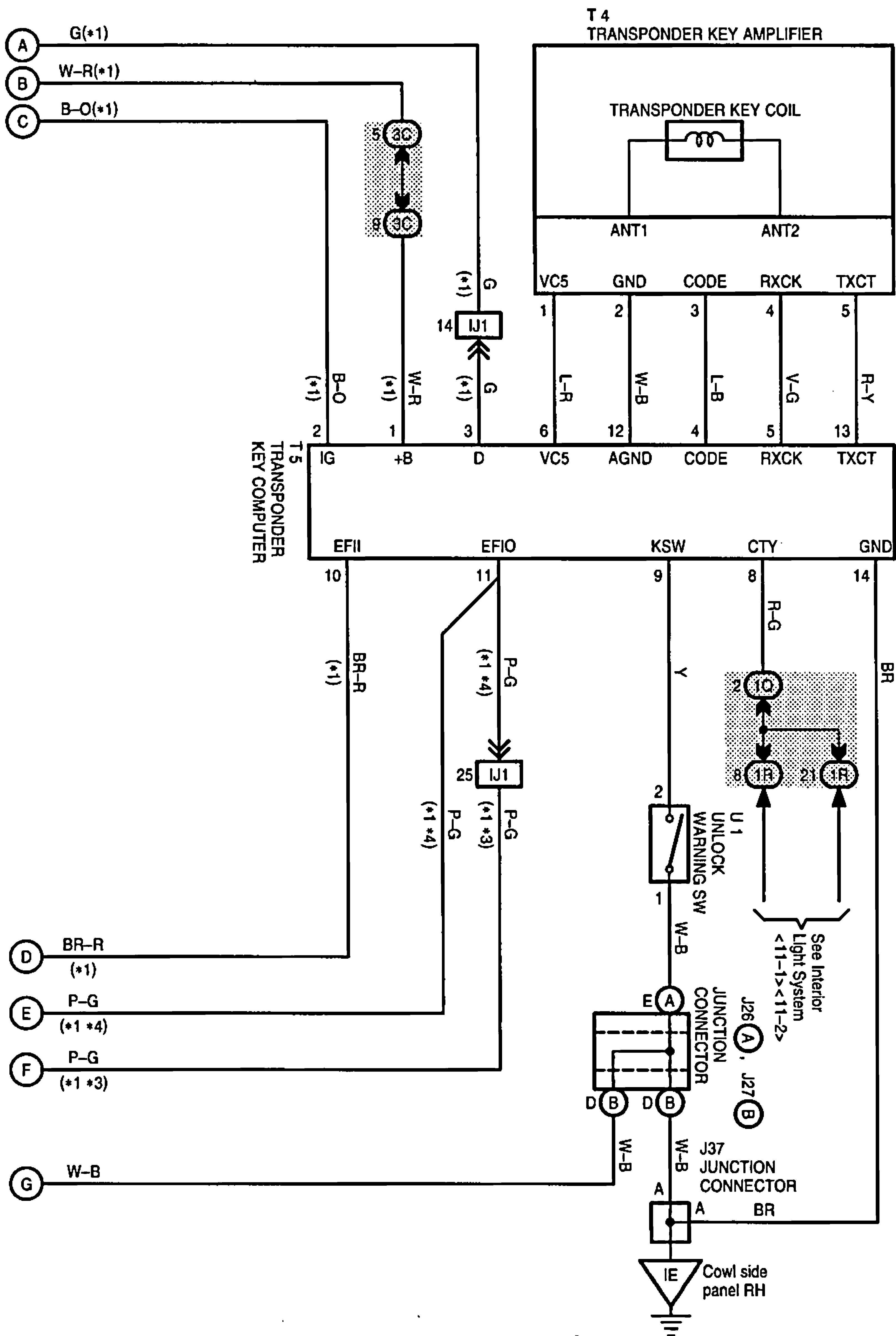
Engine Control (1KZ-TE)

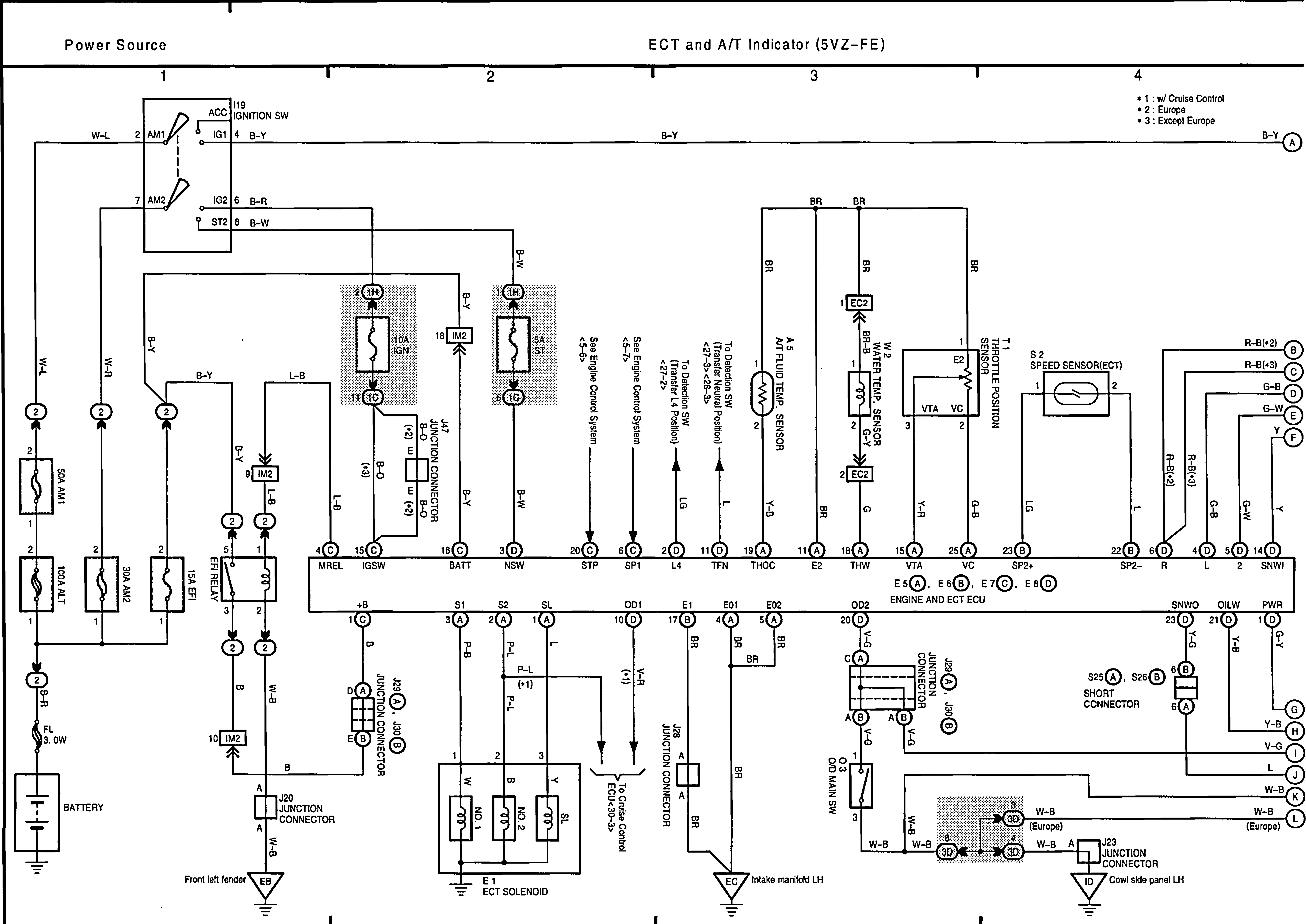
Cruise Control (1KZ-TE)



Engine Immobiliser System (1KZ-TE)

* 1 : w/ Engine Immobiliser
* 3 : Australia
* 4 : Europe

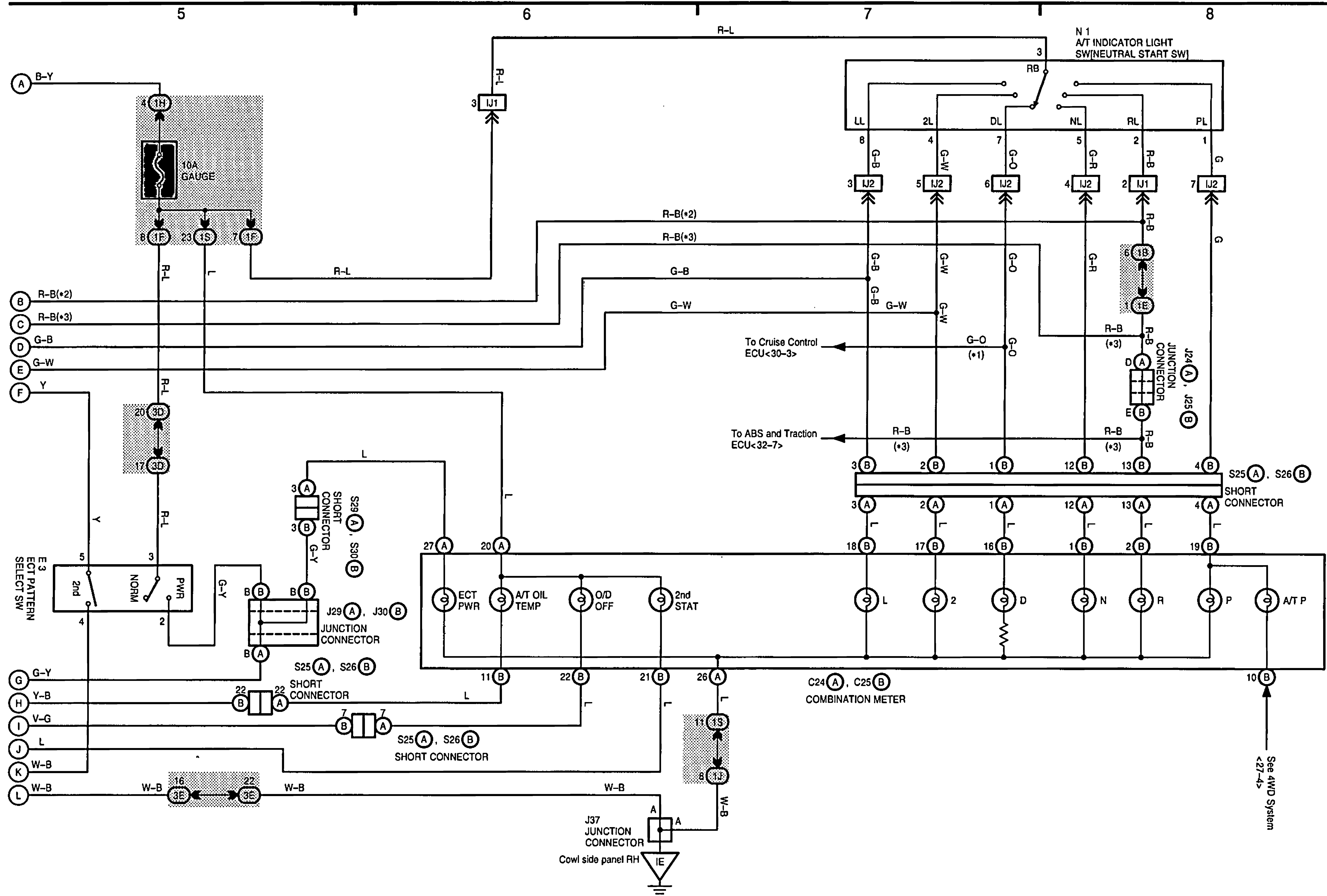


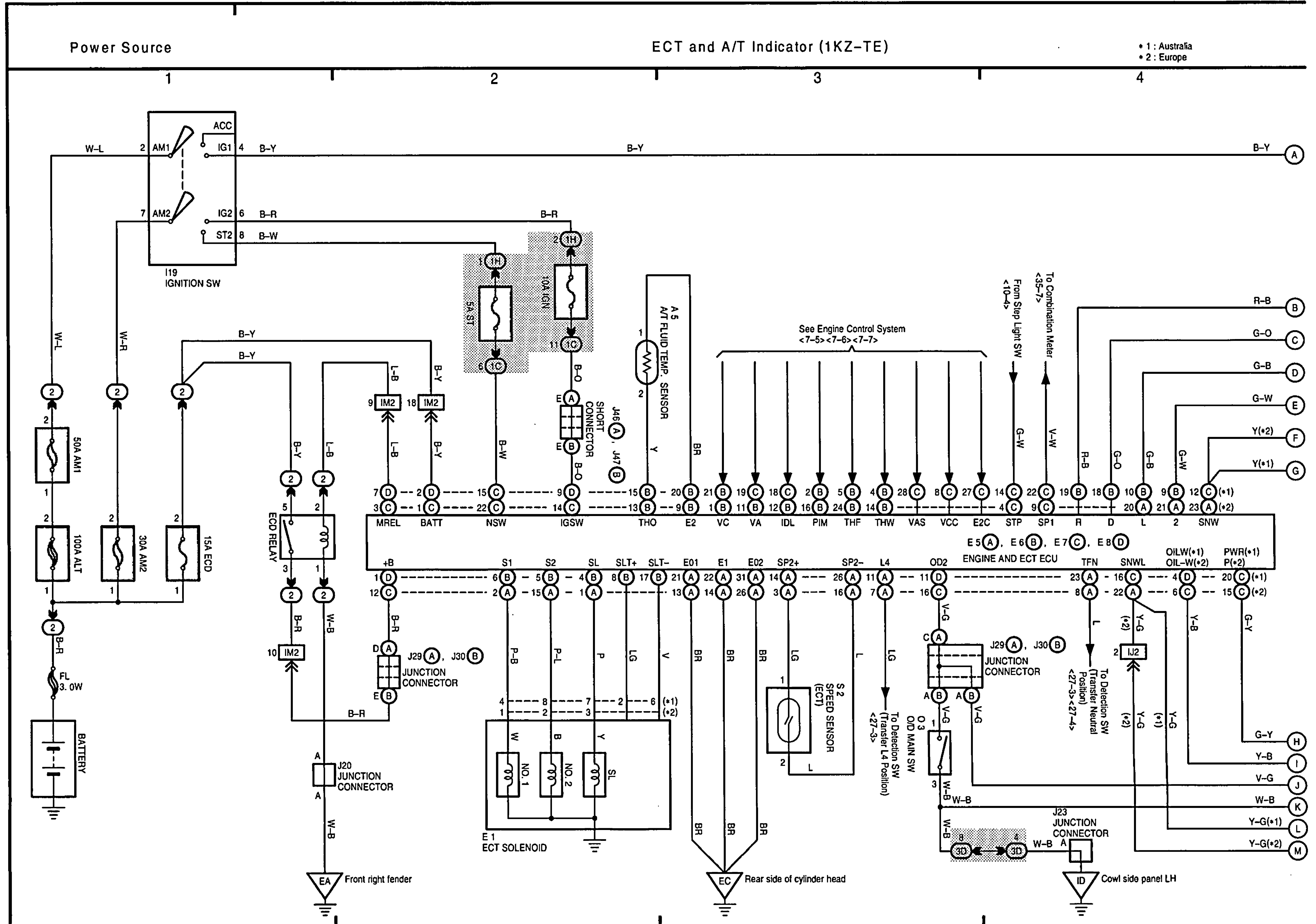


8 LAND CRUISER / LAND CRUISER PRADO (RHD) (Cont' d)

ECT and A/T Indicator (5VZ-FE)

- 1 : w/ Cruise Control
- 2 : Europe
- 3 : Australia

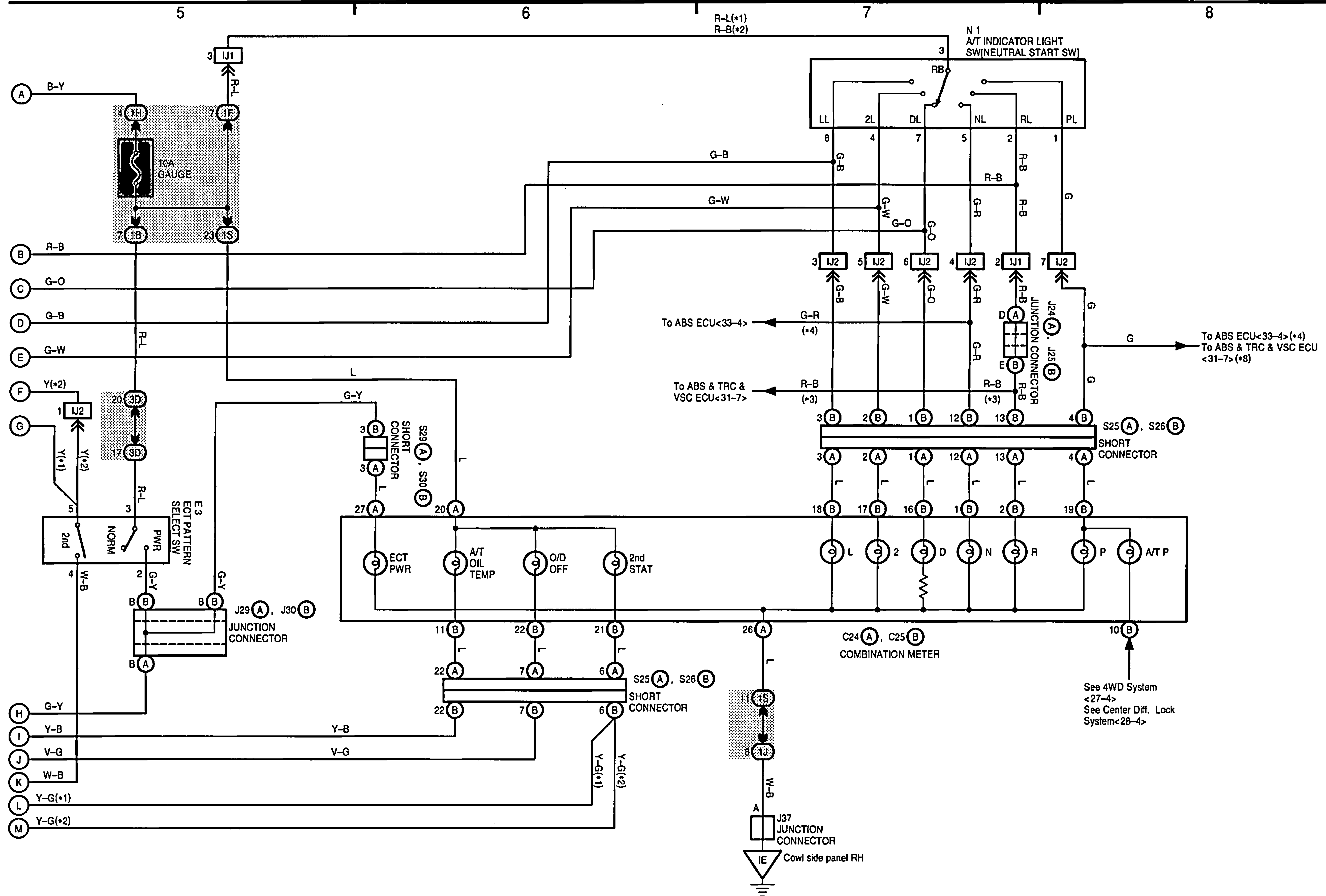




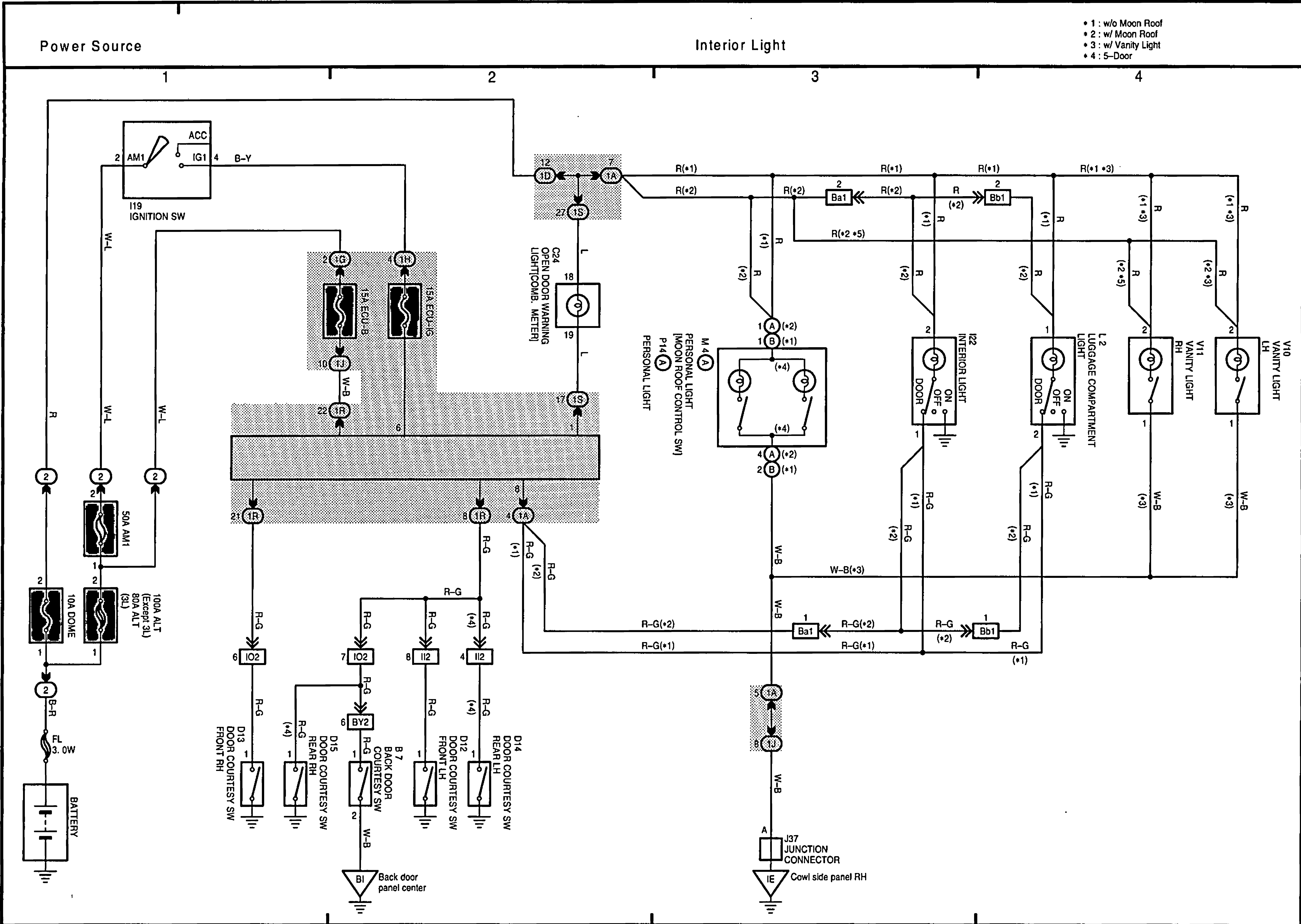
9 LAND CRUISER / LAND CRUISER PRADO (RHD) (Cont' d)

ECT and A/T Indicator (1KZ-TE)

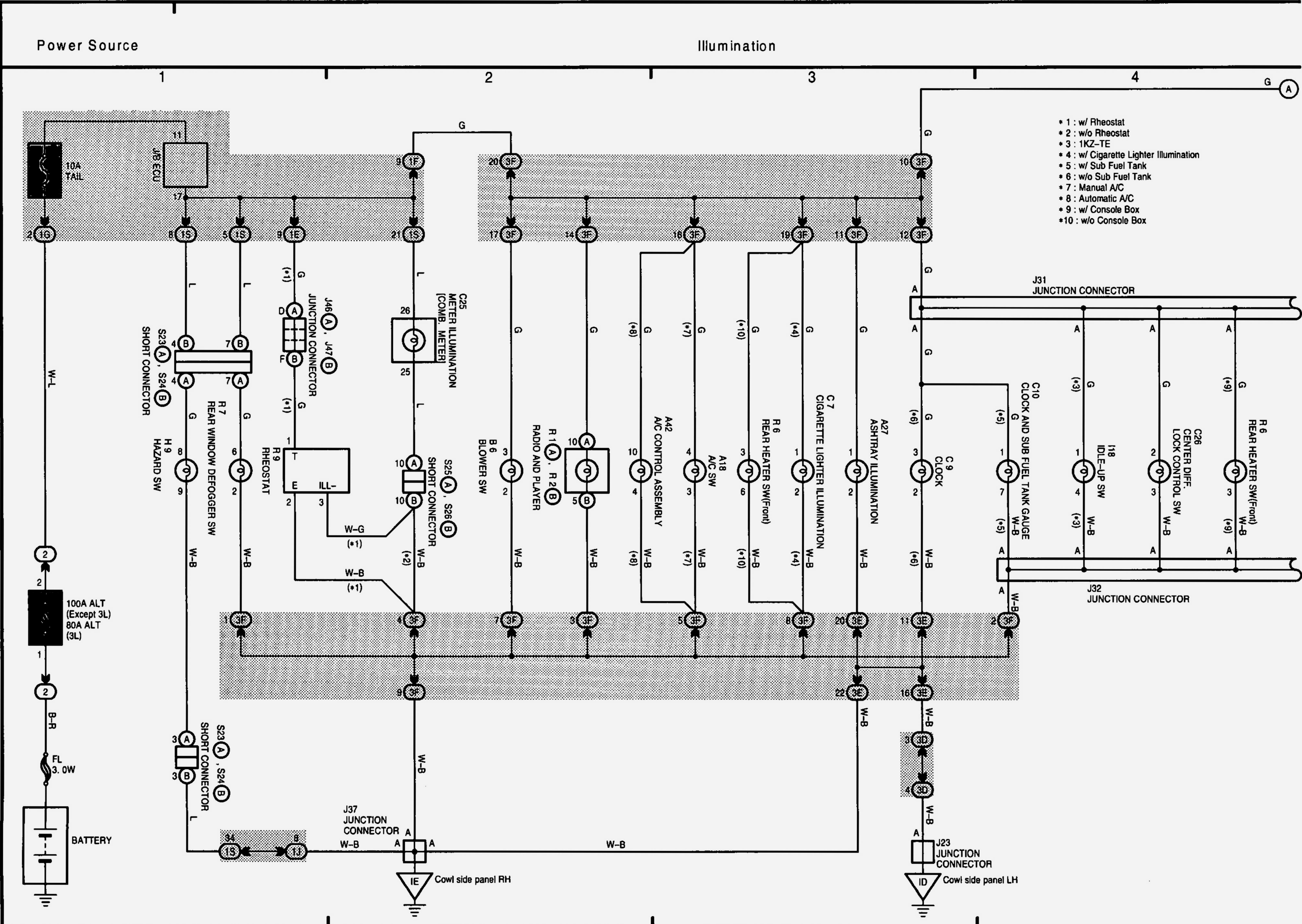
- * 1 : Australia
- * 2 : Europe
- * 3 : w/ VSC
- * 4 : w/o VSC



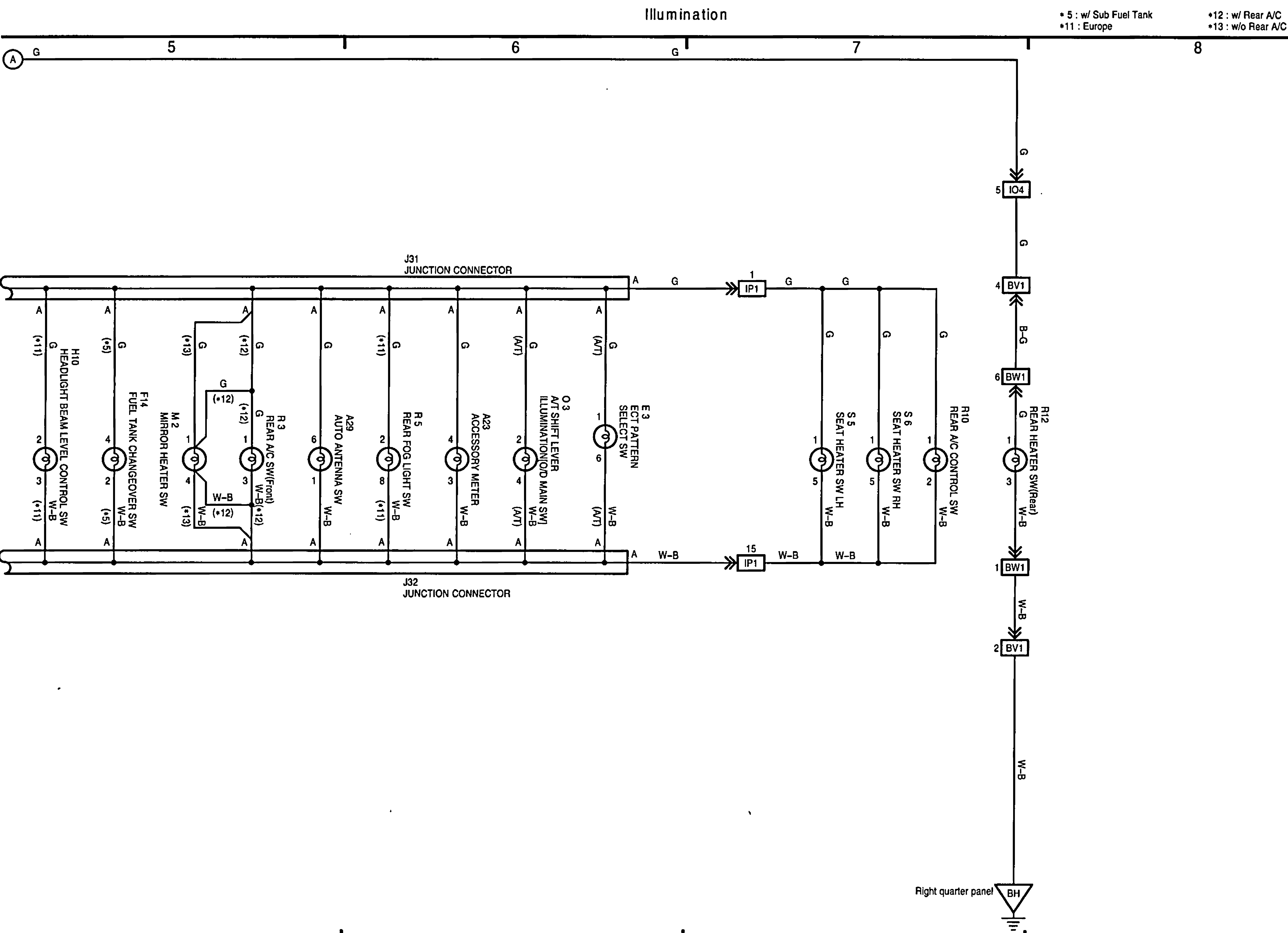
11 LAND CRUISER / LAND CRUISER PRADO (RHD)



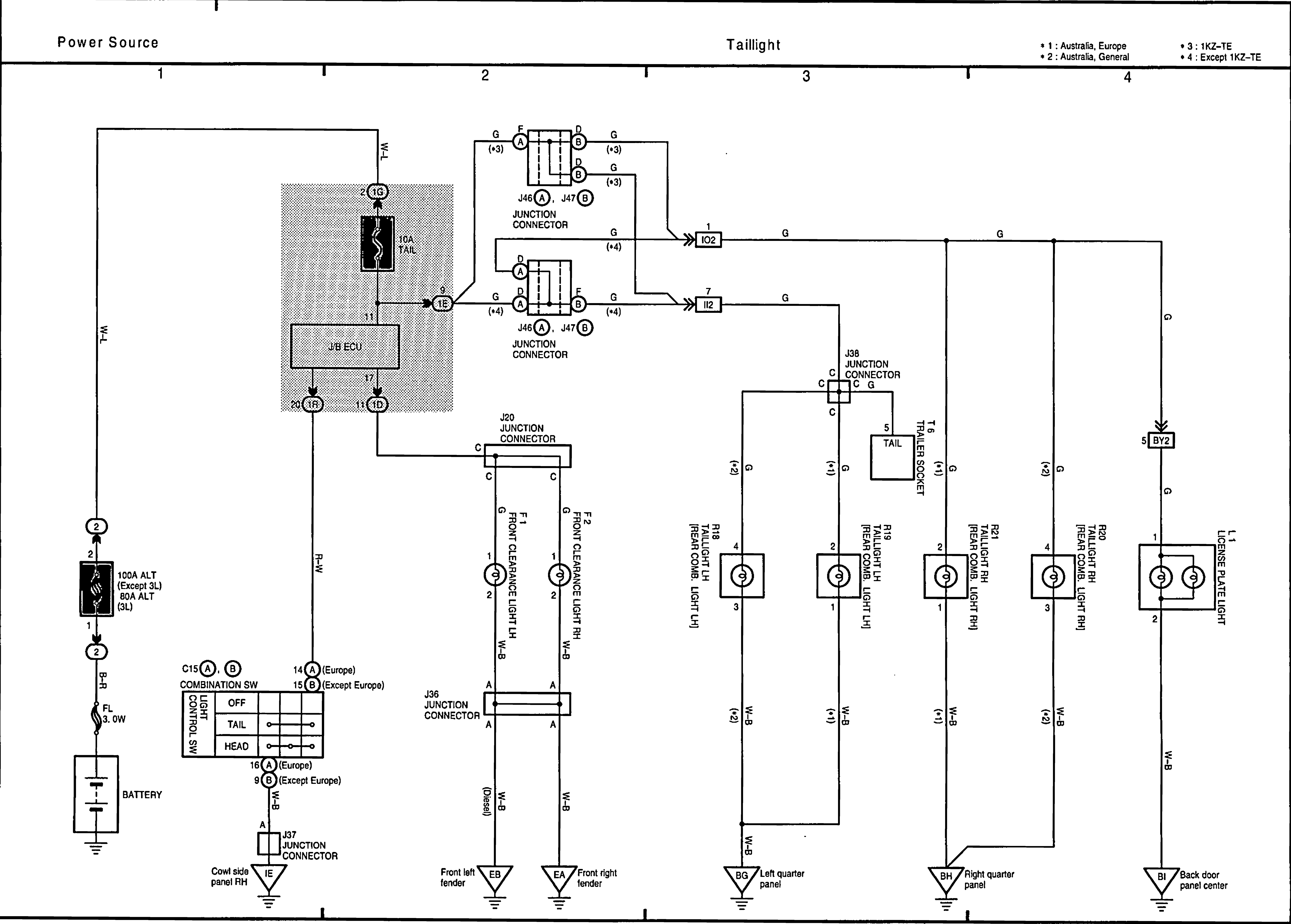
I OVERALL ELECTRICAL WIRING DIAGRAM



12 LAND CRUISER / LAND CRUISER PRADO (RHD) (Cont' d)

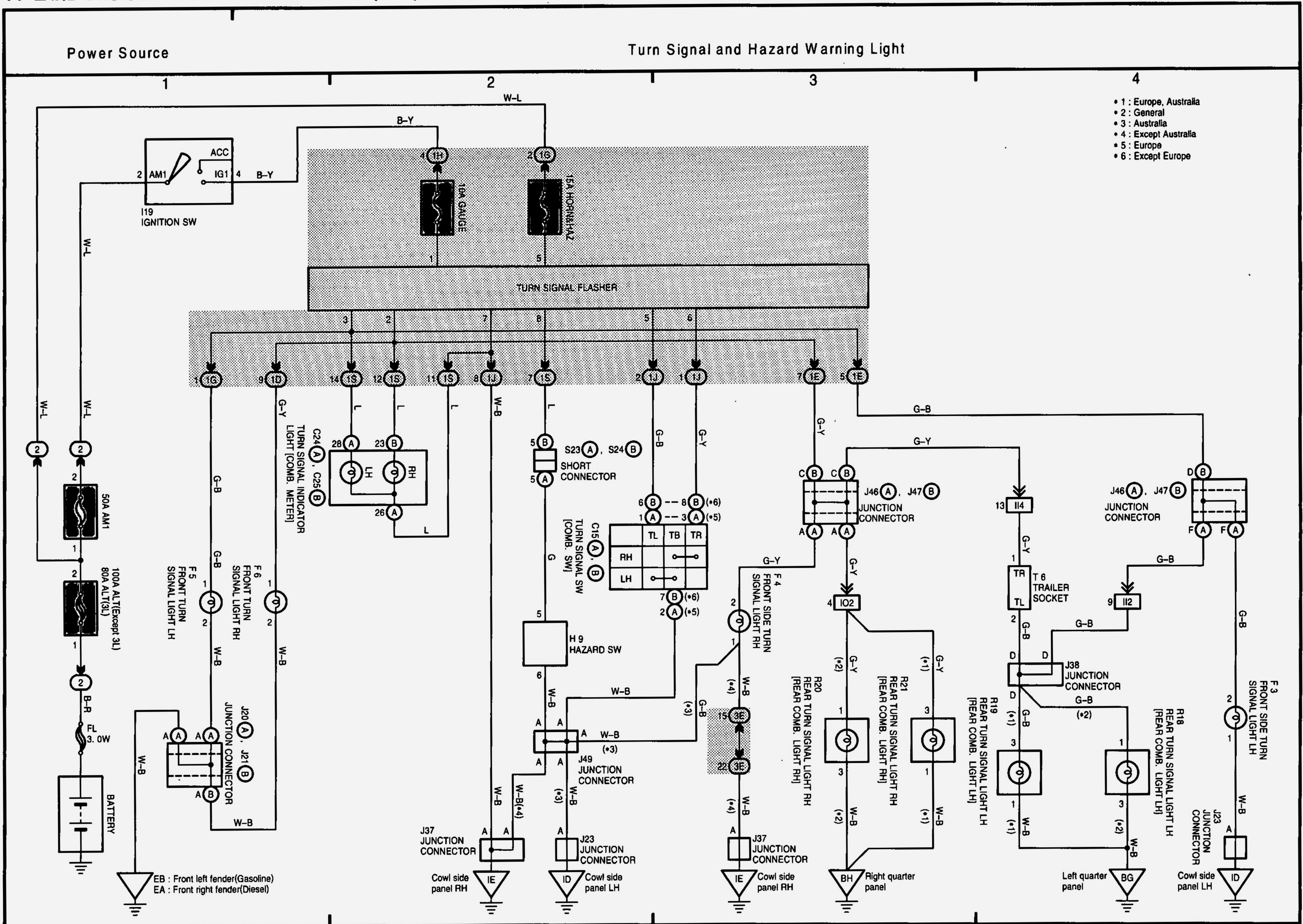


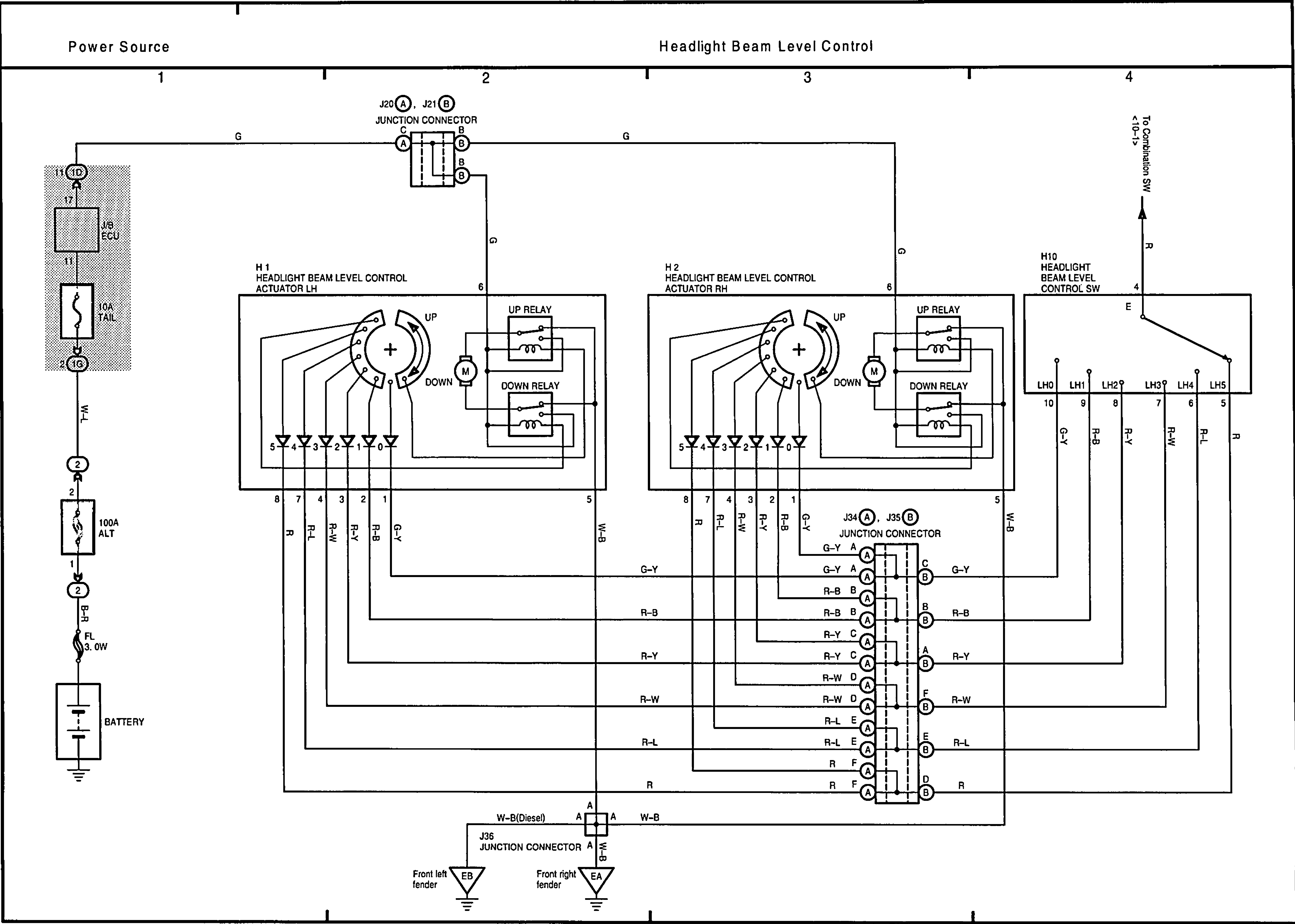
13 LAND CRUISER / LAND CRUISER PRADO (RHD)



I OVERALL ELECTRICAL WIRING DIAGRAM

14 LAND CRUISER / LAND CRUISER PRADO (RHD)





16 LAND CRUISER / LAND CRUISER PRADO (RHD)

Power Source	Headlight Cleaner	Seat Heater
1	2	3
4		4

* 1 : Europe

The diagram illustrates the electrical system for the Power Source, Headlight Cleaner, and Seat Heater. The Power Source section includes a battery connected to a 3.0W fuse (FL) and a 100A/80A alternator (ALT). The Headlight Cleaner section features a 20A wiper motor (WIPER) and a 15A seat heater (S-HTR) controlled by a headlight cleaner relay (H3) and a combination switch (C16). The Seat Heater section shows two heaters, S12 (Front Passenger's Side) and S11 (Driver's Side), each with a high (HI) and low (LO) setting, controlled by switches S5 and S6. The diagram also includes various junction connectors (J36, J23) and ground points (EA, EB, BG, BH).

Power Source

119 IGNITION SW

50A AM1

100A ALT(Except 3L)
80A ALT(3L)

BATTERY

FL 3.0W

Headlight Cleaner

20A WIPER

15A S-HTR

H3 HEADLIGHT CLEANER RELAY

C16 HEADLIGHT CLEANER SW [COMB. SW]

J36 JUNCTION CONNECTOR

F7 HEADLIGHT CLEANER MOTOR [FRONT WASHER MOTOR]

EA Front right fender

EB Front left fender

Seat Heater

S5 SEAT HEATER SW LH

S6 SEAT HEATER SW RH

S12 SEAT HEATER (Front Passenger's Side)

S11 SEAT HEATER (Driver's Side)

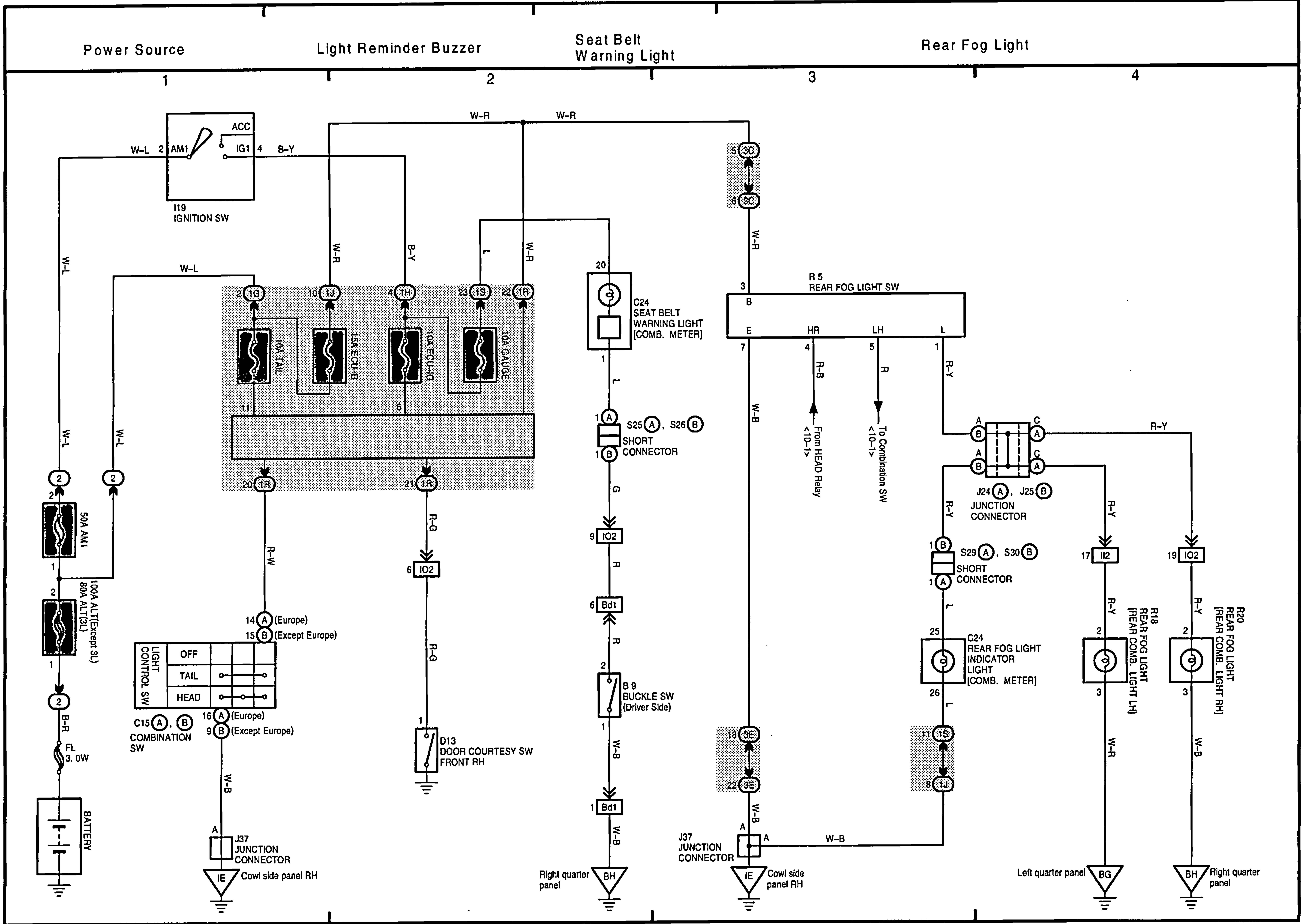
J23 JUNCTION CONNECTOR

ID Cowl side panel LH

BG Left quarter panel

BH Right quarter panel

18 LAND CRUISER / LAND CRUISER PRADO (RHD)



Power Source

Front Wiper and Washer

Rear Wiper and Washer

Power Source

The power source section shows the battery connected to the ignition switch (I19) and the 50A AM1 fuse. The circuit includes a 100A ALT (Except 3L) and an 80A ALT (3L) fuse, followed by a 3.0W fuse and a battery connection.

Front Wiper and Washer

The front wiper and washer section includes the 20A WIPER fuse, the front washer motor (F7), and the front wiper motor (F8). The wiper motor is controlled by the intermittent wiper relay, which is connected to the front wiper and washer switch (C16). The washer motor is controlled by the washer switch (C16).

Rear Wiper and Washer

The rear wiper and washer section includes the rear washer motor (R28) and the rear wiper motor (R31). The rear wiper motor is controlled by the rear wiper and washer switch (C15). The washer motor is controlled by the washer switch (C15).

Front Wiper and Washer Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
INT				
ON				
WASH				

Rear Wiper and Washer Switch (C15)

	WR	C1R	+1R	EW
WASH				
OFF				
INT				
ON				
WASH				

Intermittent Wiper Relay

The intermittent wiper relay is connected to the front wiper and washer switch (C16) and the front wiper motor (F8). It controls the intermittent wiper operation.

Washer Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
ON				

Wiper Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
INT				
ON				

Washer Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
ON				

Wiper Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
INT				
ON				

Washer Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
ON				

Wiper Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
INT				
ON				

Washer Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
ON				

Wiper Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
INT				
ON				

Washer Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
ON				

Wiper Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
INT				
ON				

Washer Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
ON				

Wiper Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
INT				
ON				

Washer Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
ON				

Wiper Switch (C16)

	WB	C1R	+1R	EW
WASH				
OFF				
INT				
ON				

Washer Switch (C16)

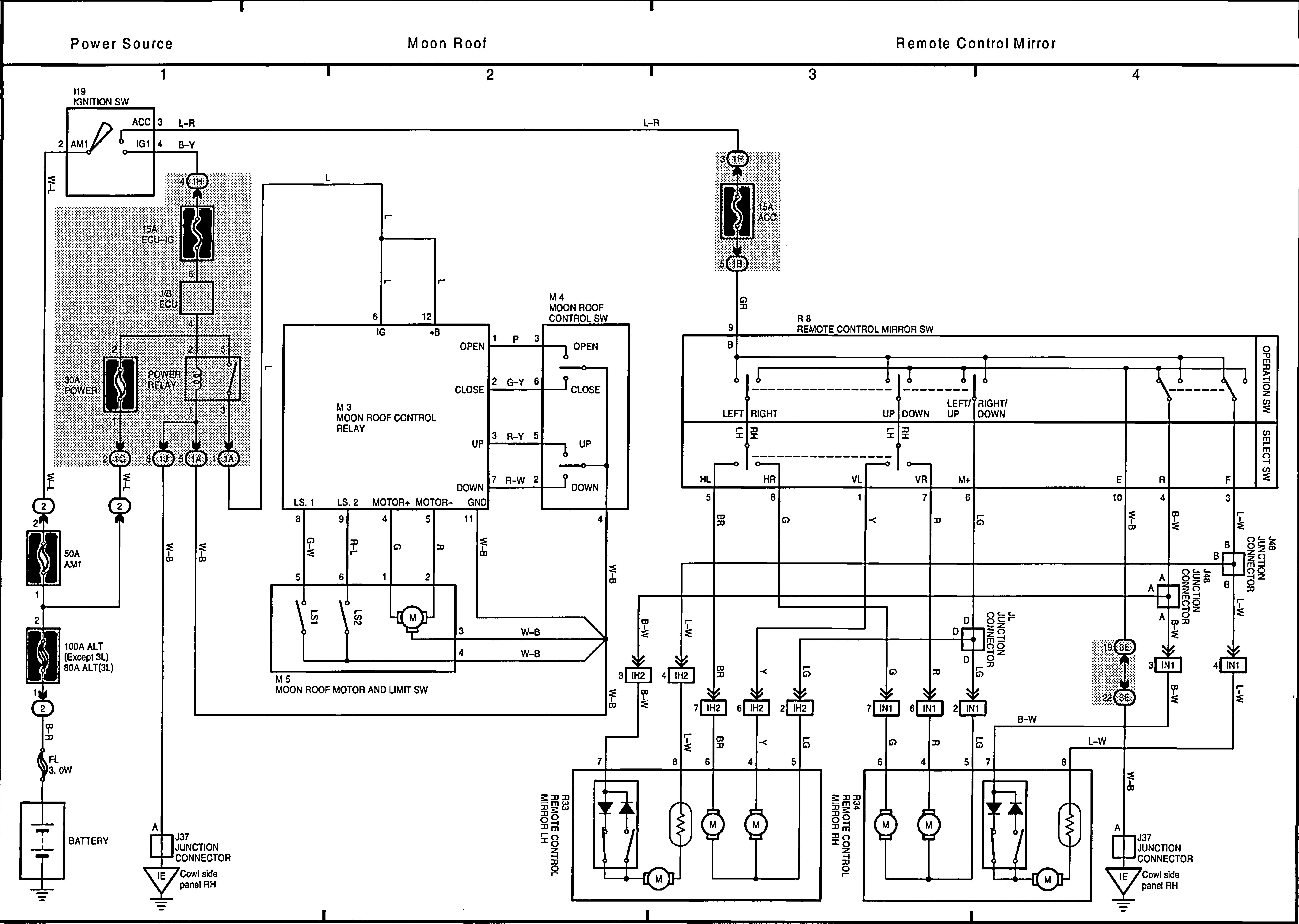
	WB	C1R	+1R	EW
WASH				
OFF				
ON				

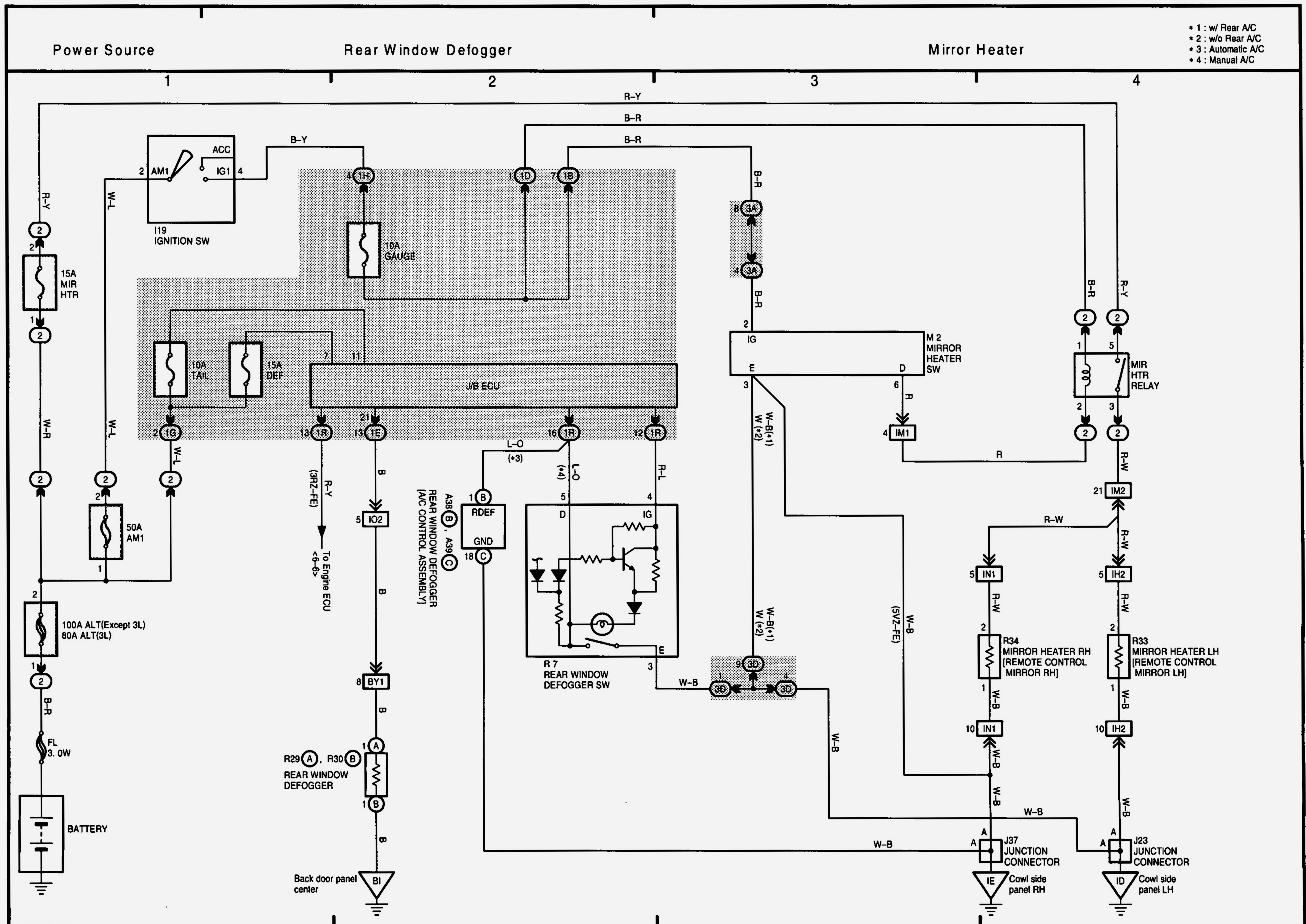
Wiper Switch (C16)

	WB	C1R
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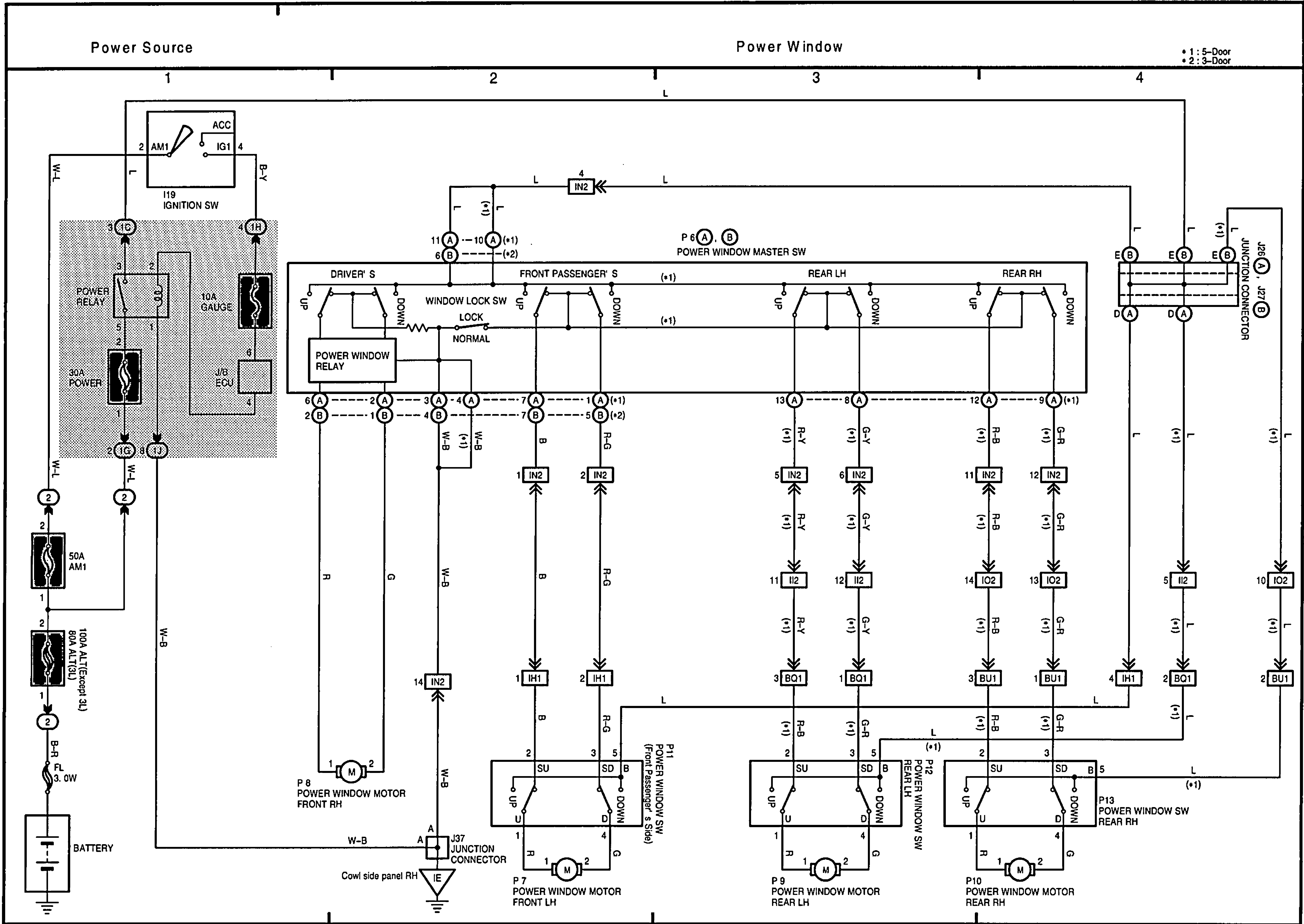
OVERALL ELECTRICAL WIRING DIAGRAM

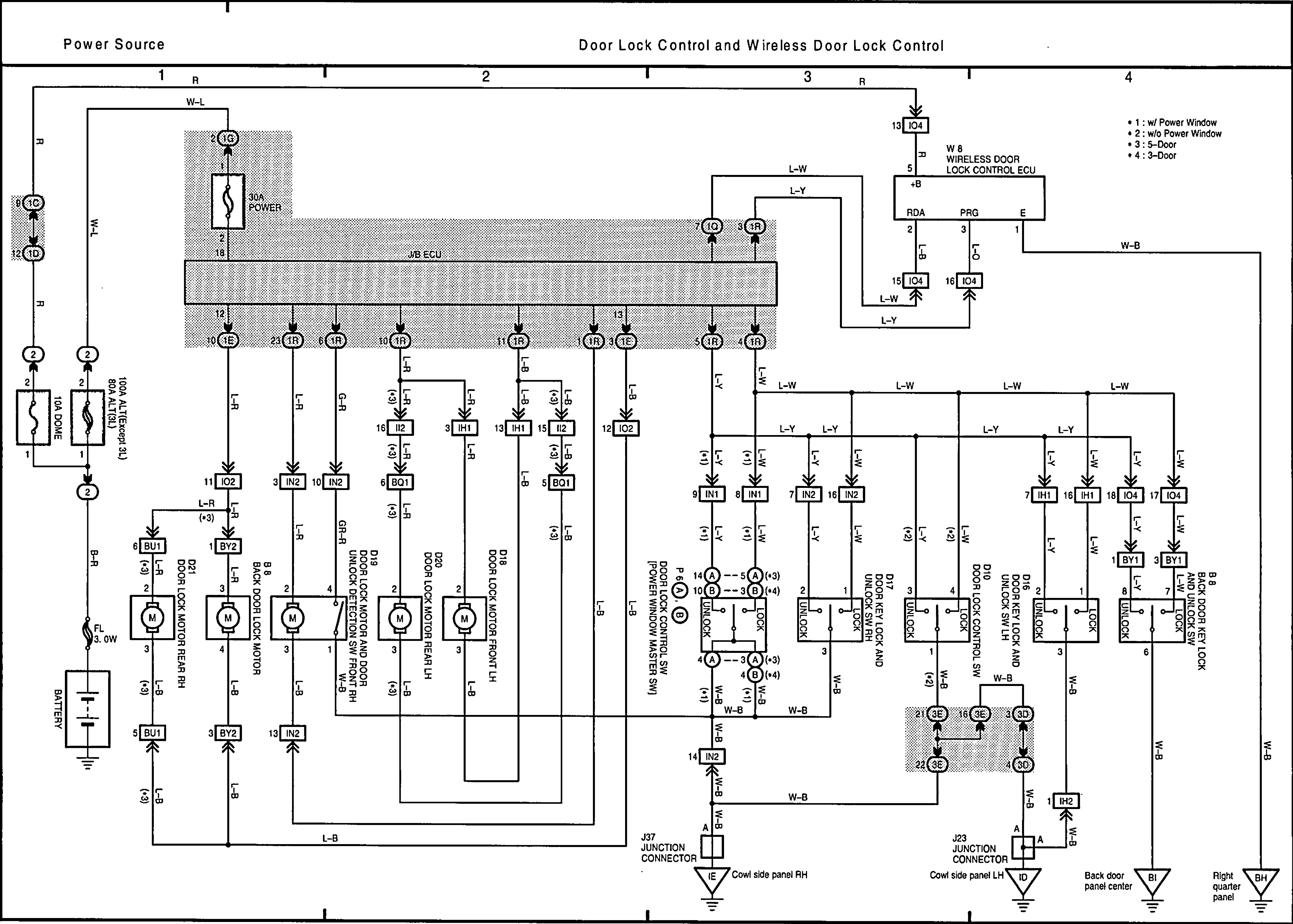
20 LAND CRUISER / LAND CRUISER PRADO (RHD)



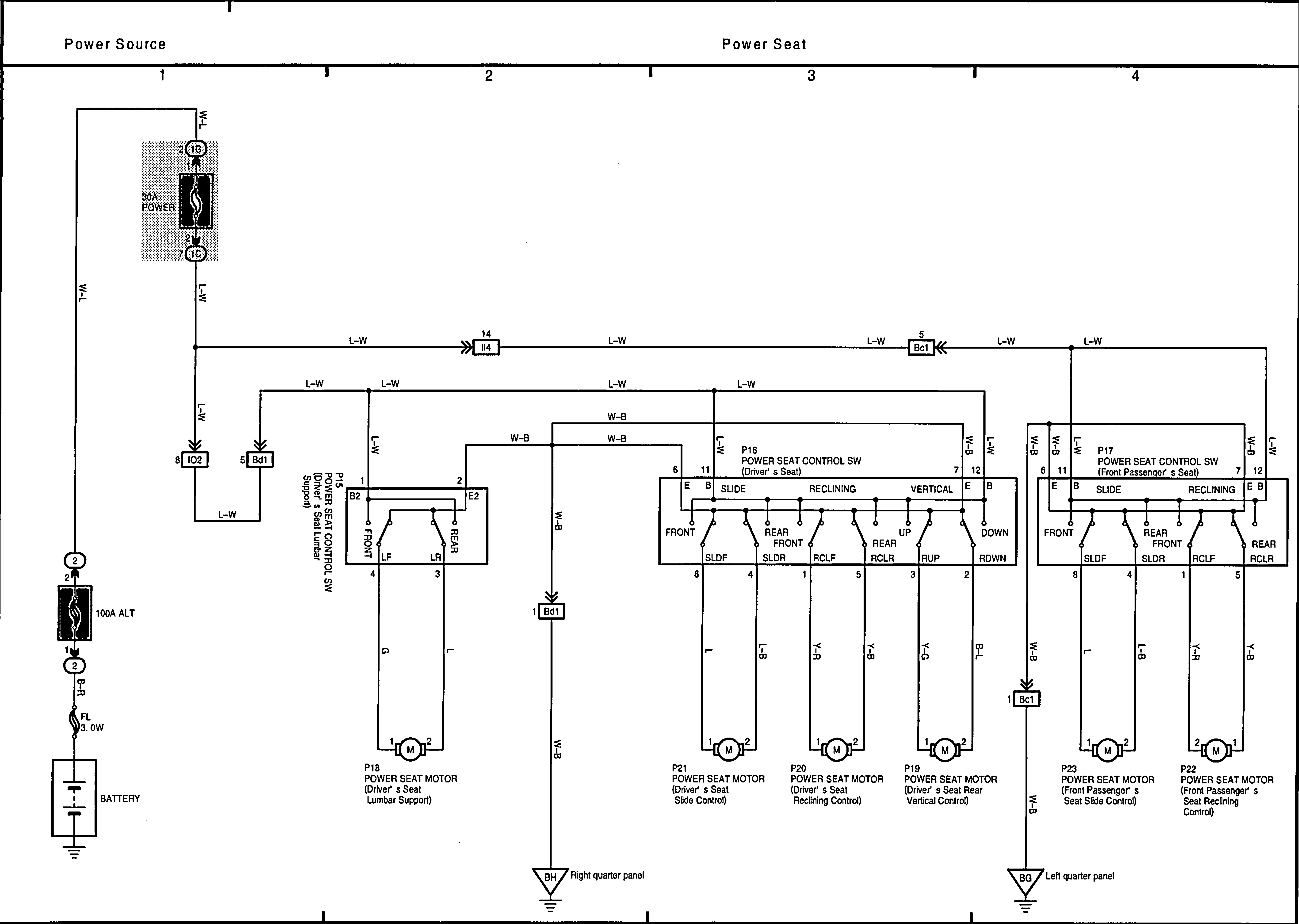


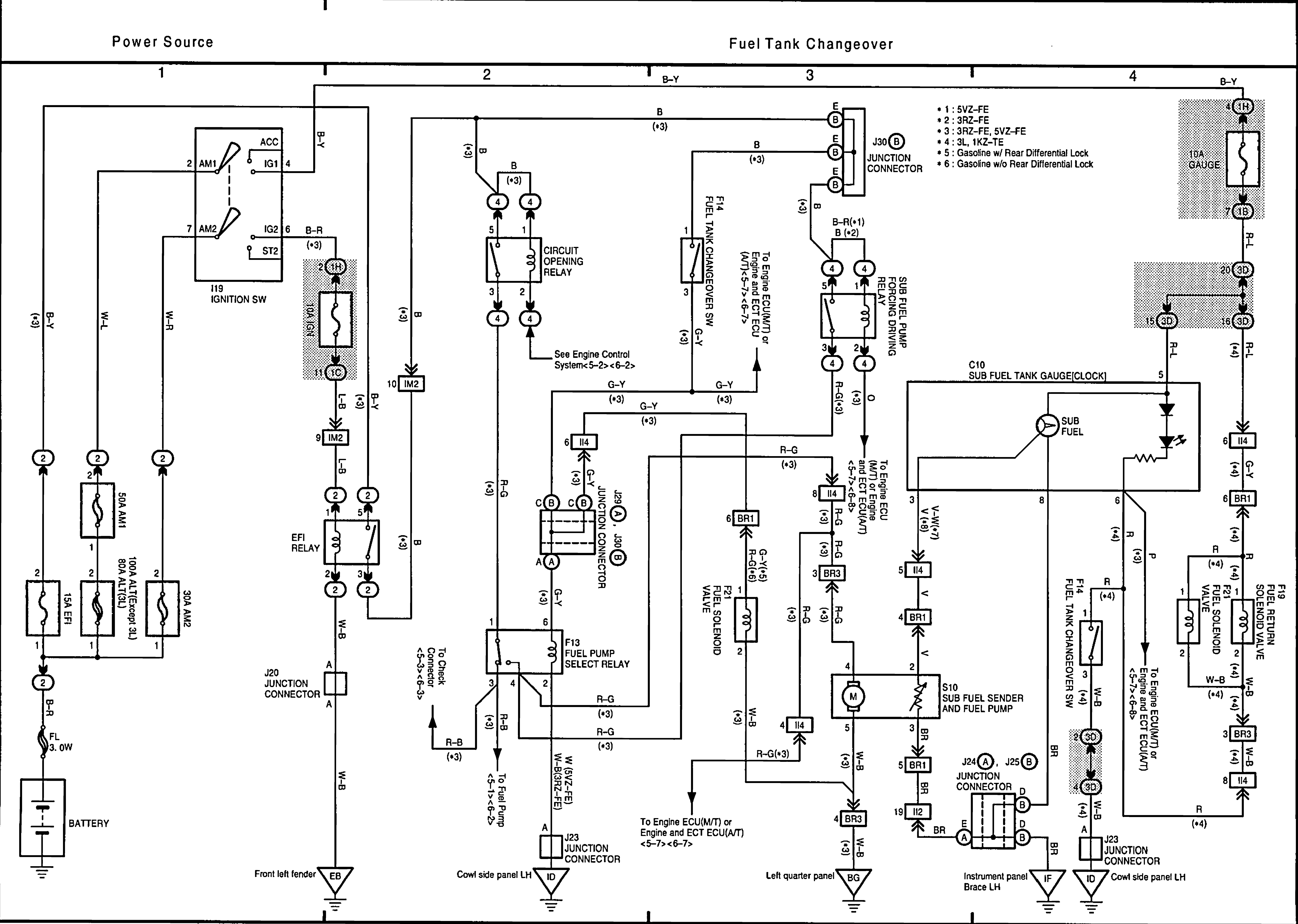
22 LAND CRUISER / LAND CRUISER PRADO (RHD)



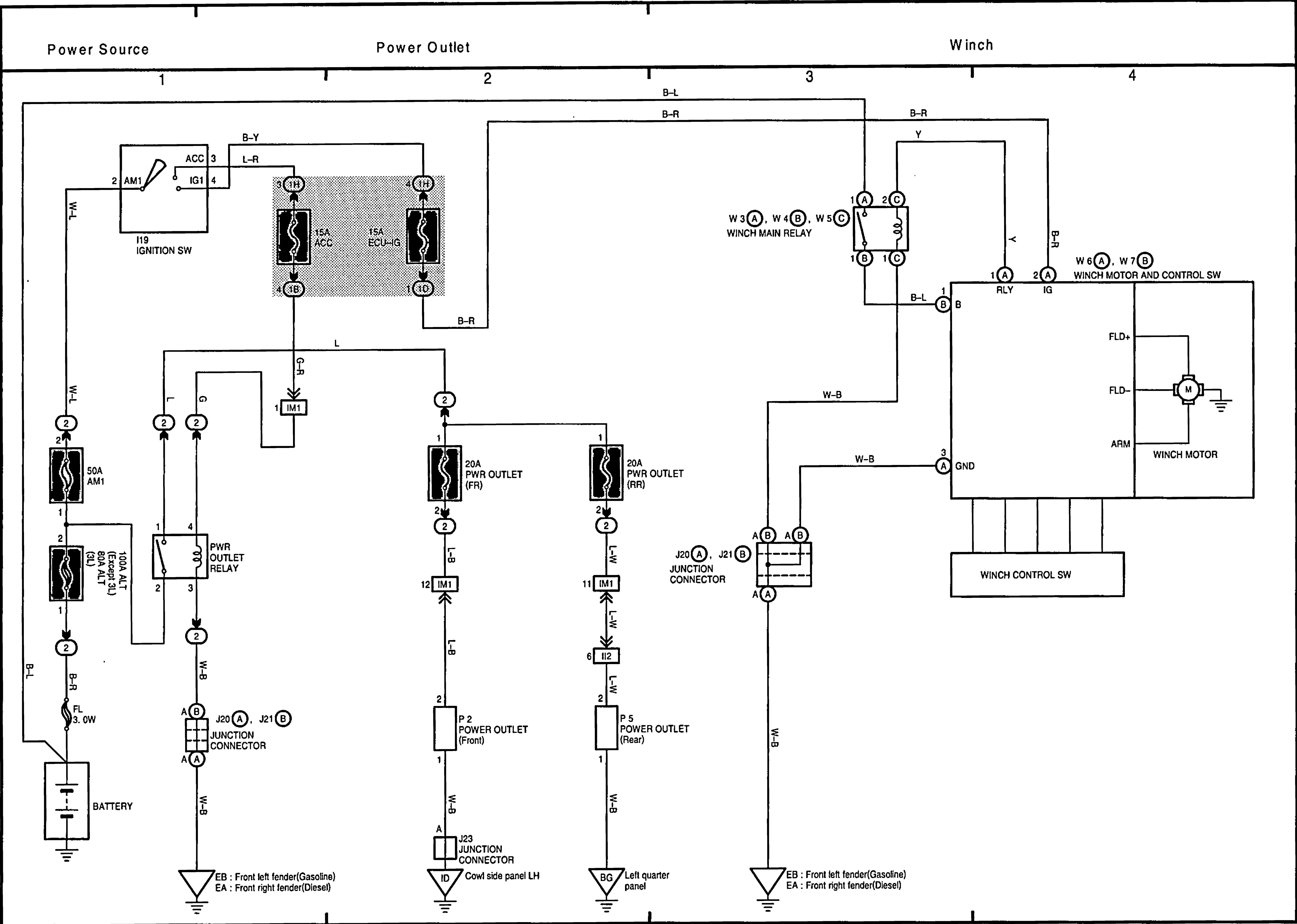


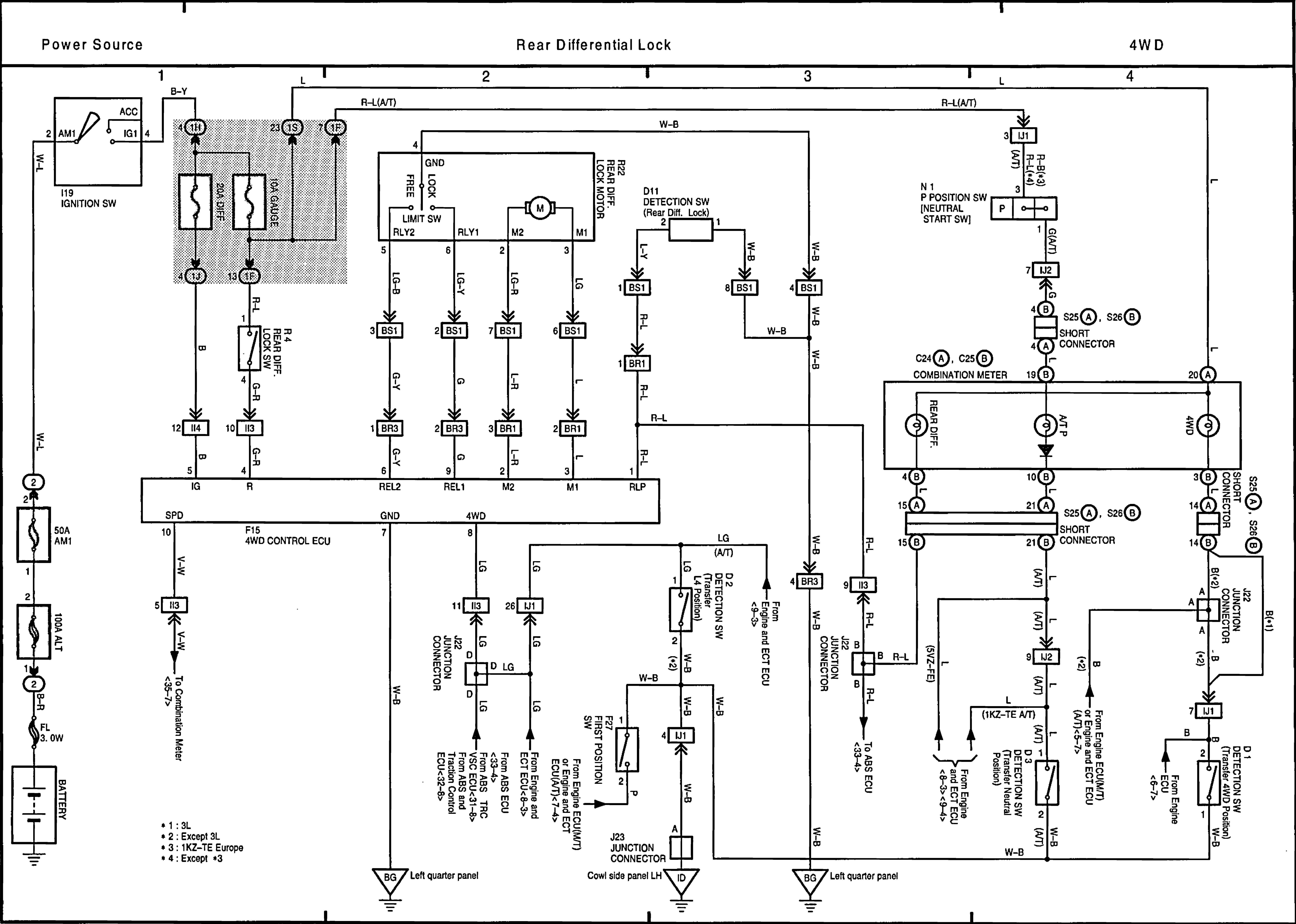
24 LAND CRUISER / LAND CRUISER PRADO (RHD)



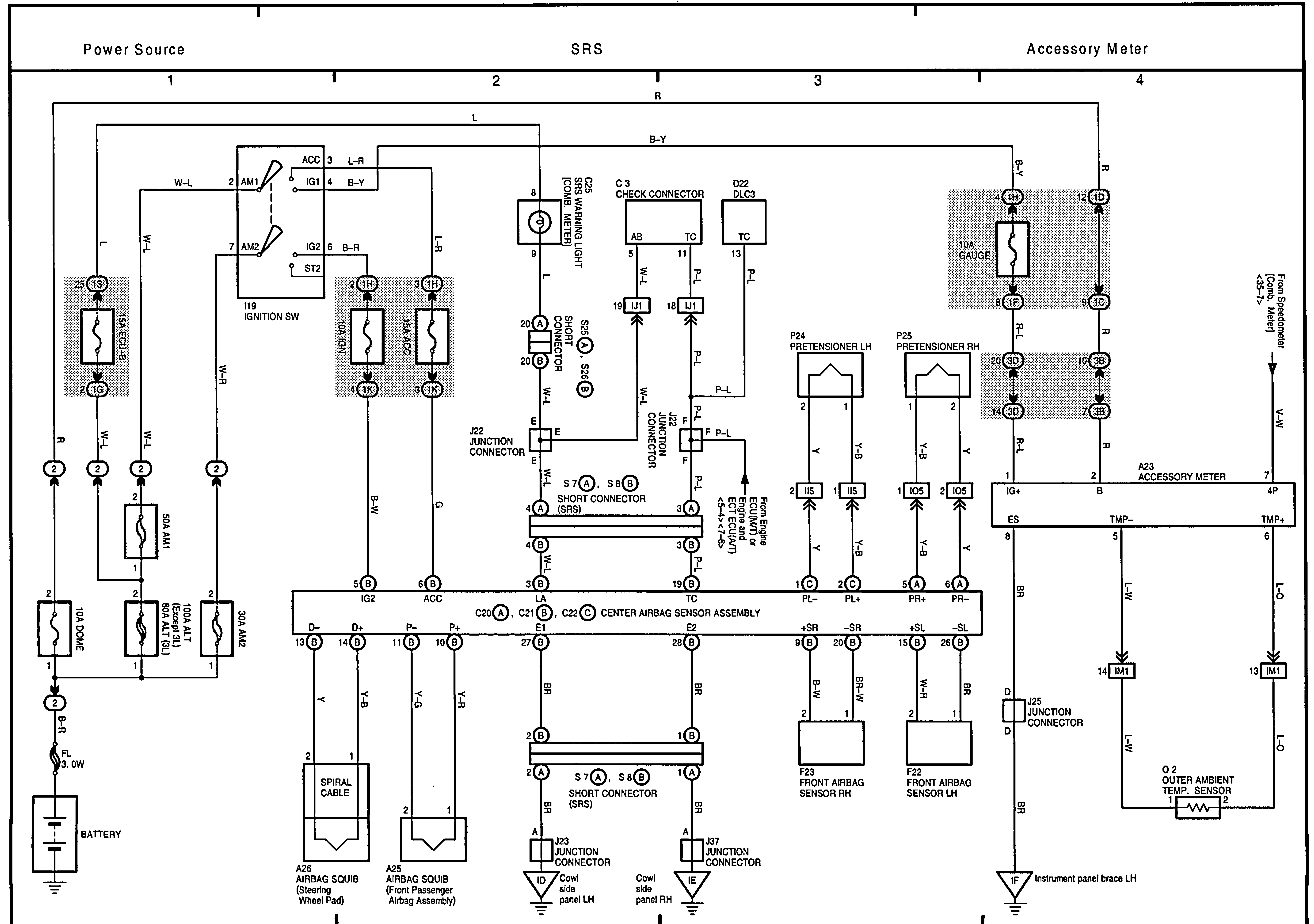


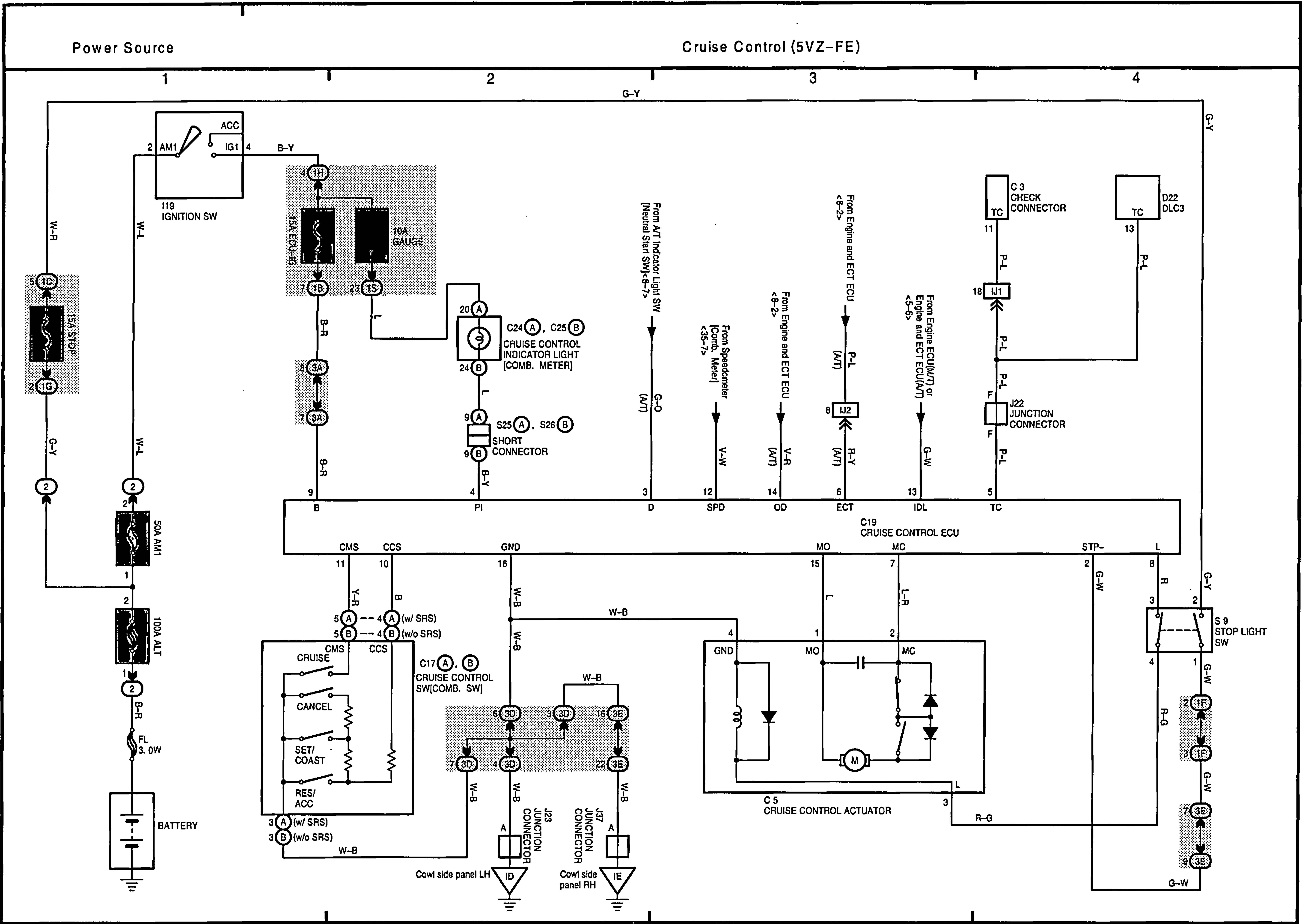
26 LAND CRUISER / LAND CRUISER PRADO (RHD)

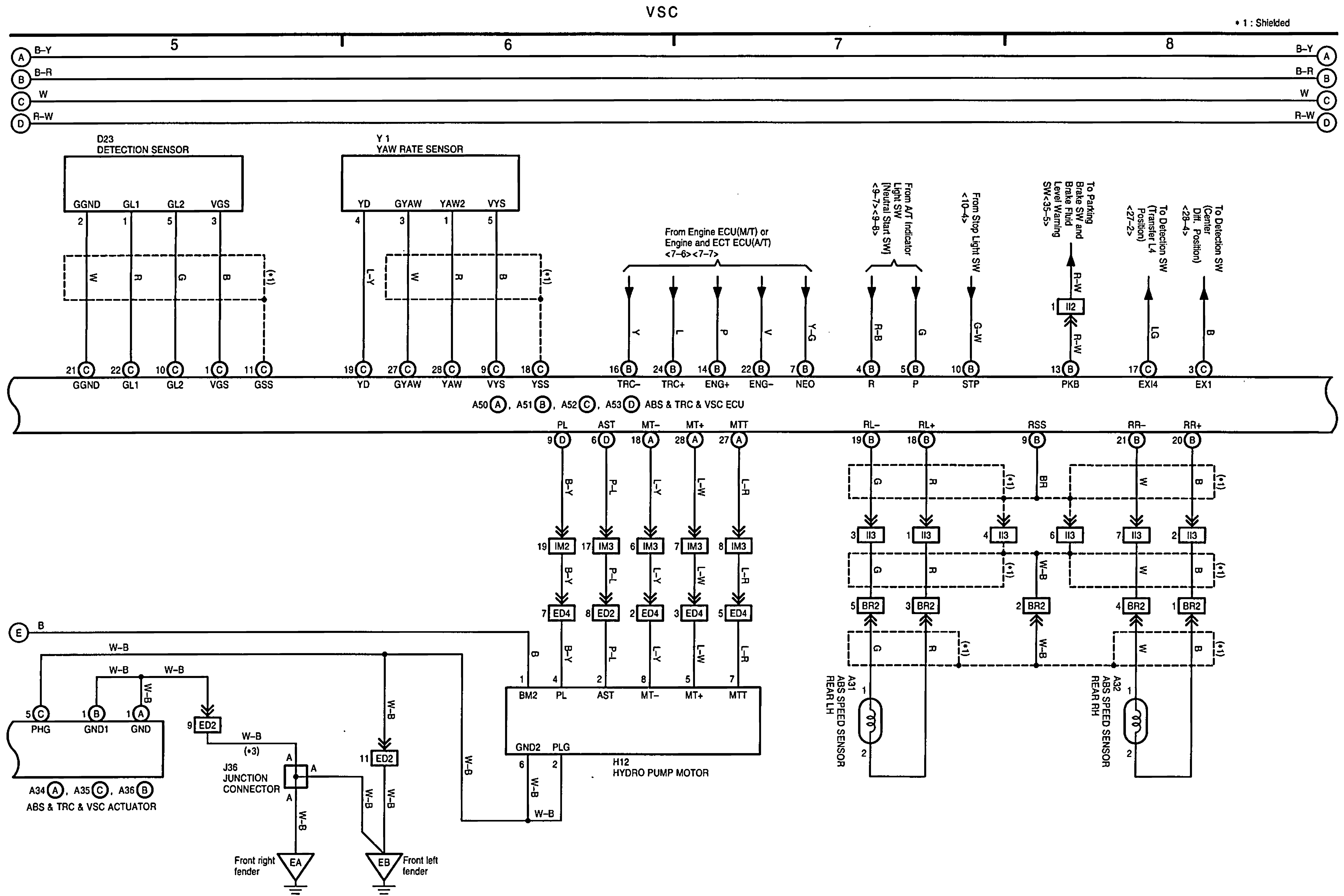


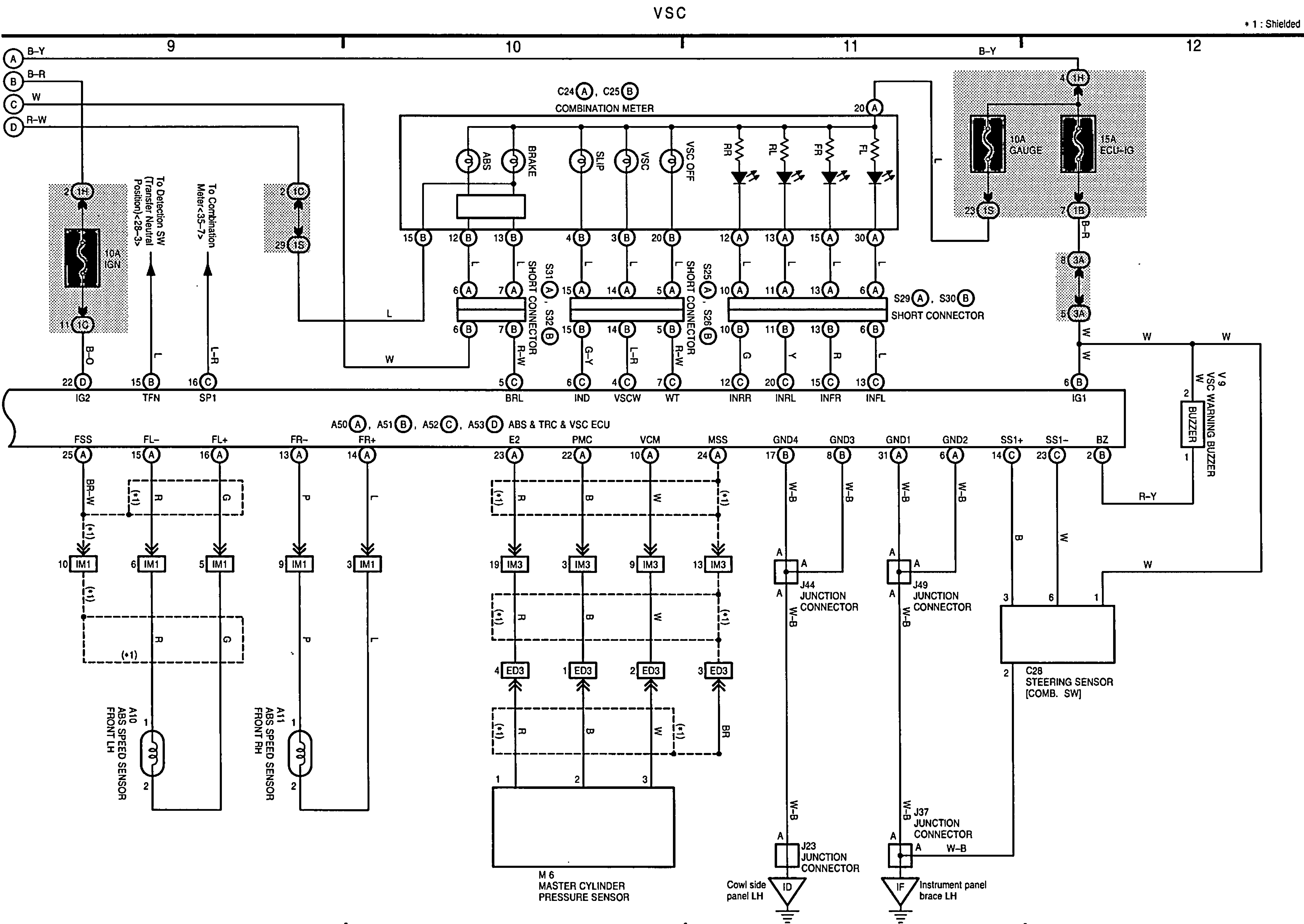


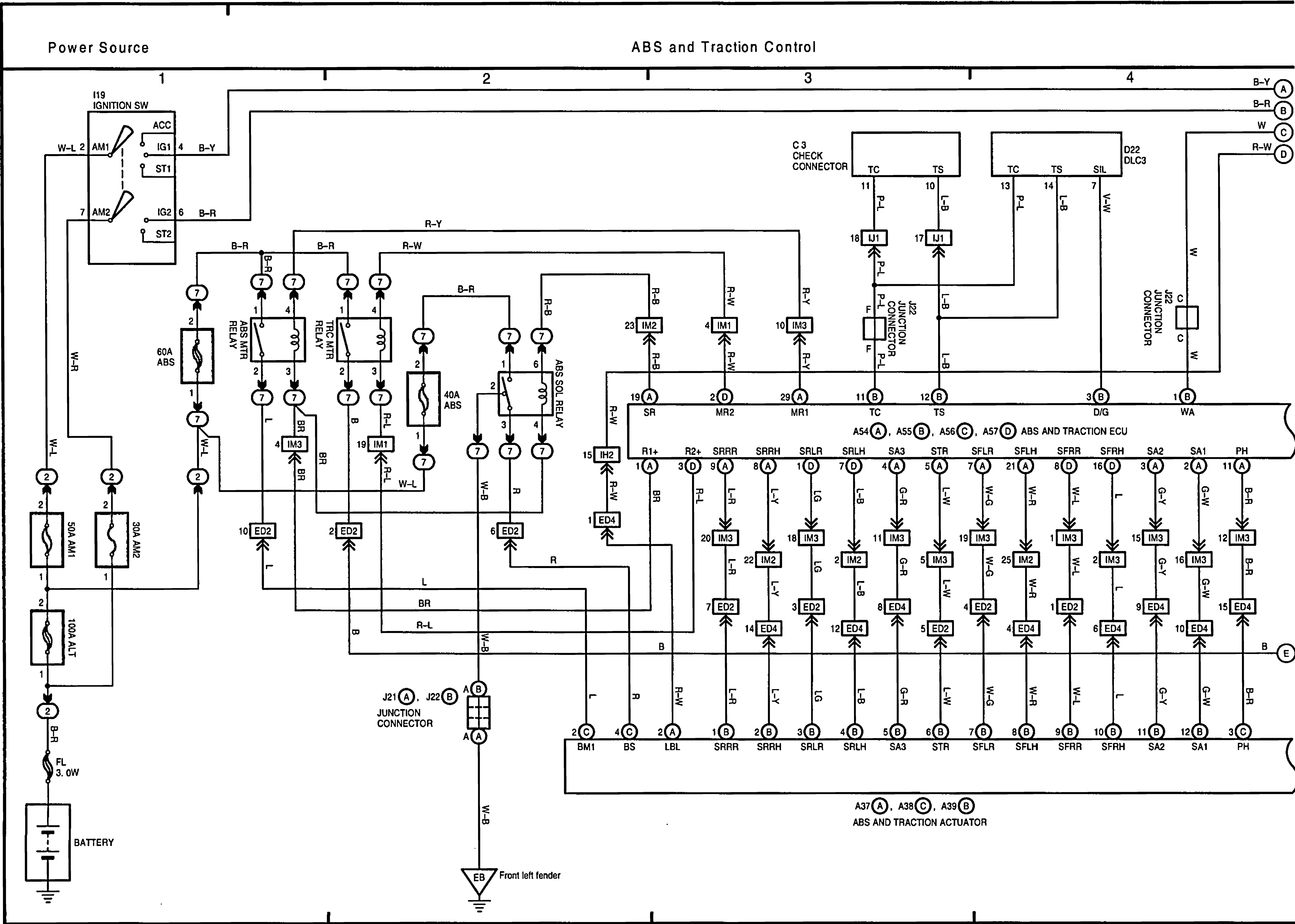
I OVERALL ELECTRICAL WIRING DIAGRAM



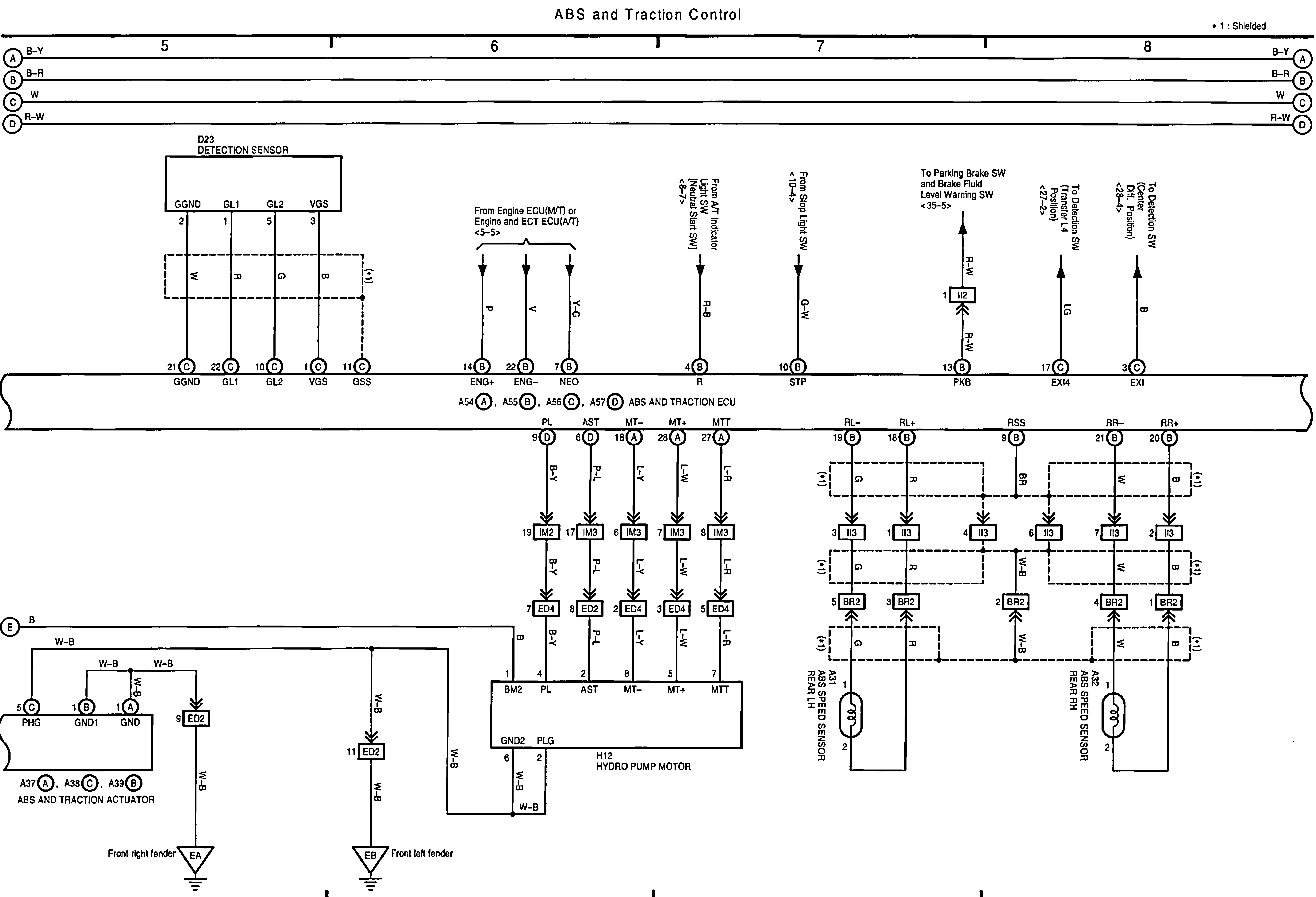




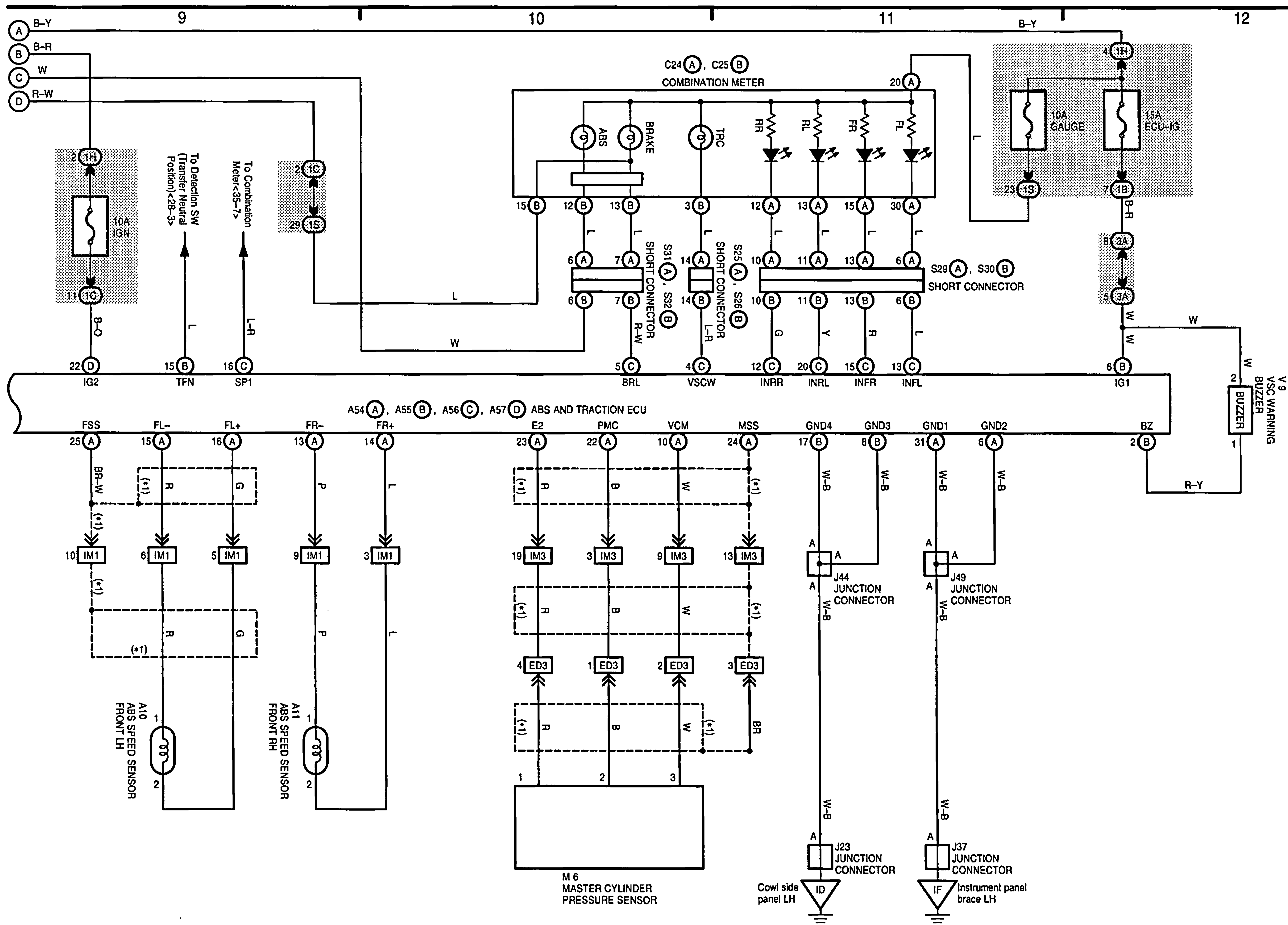




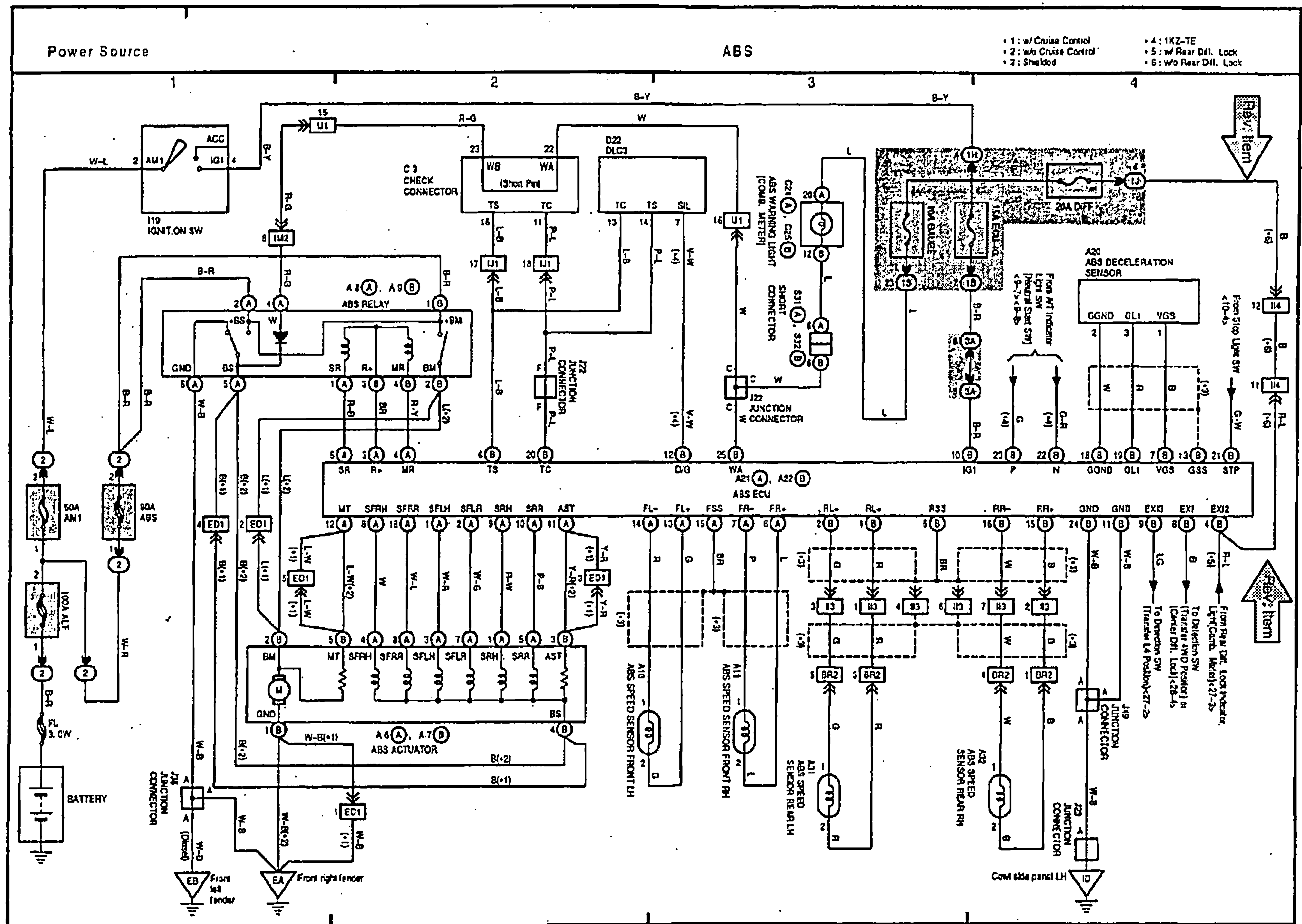
I OVERALL ELECTRICAL WIRING DIAGRAM

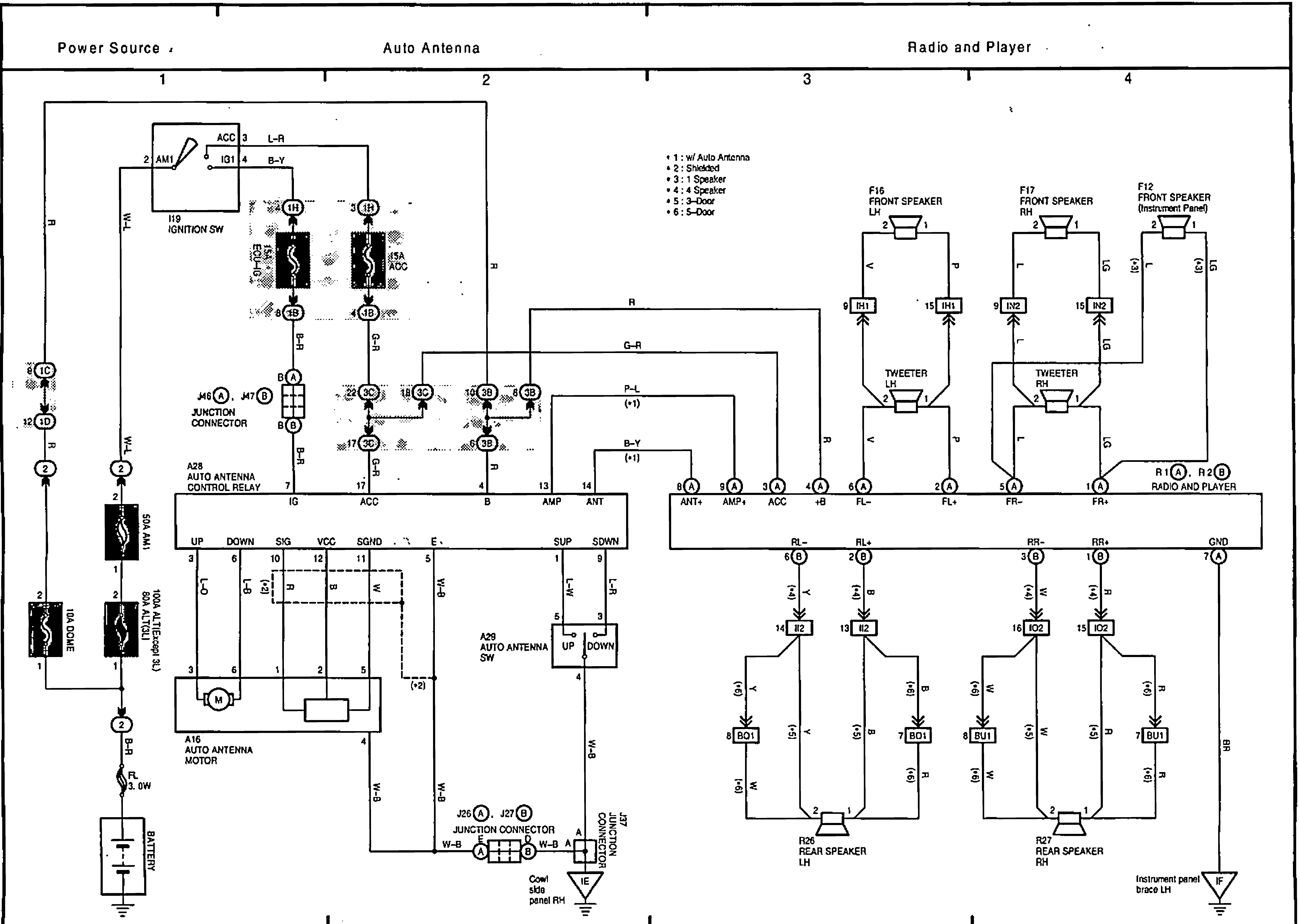


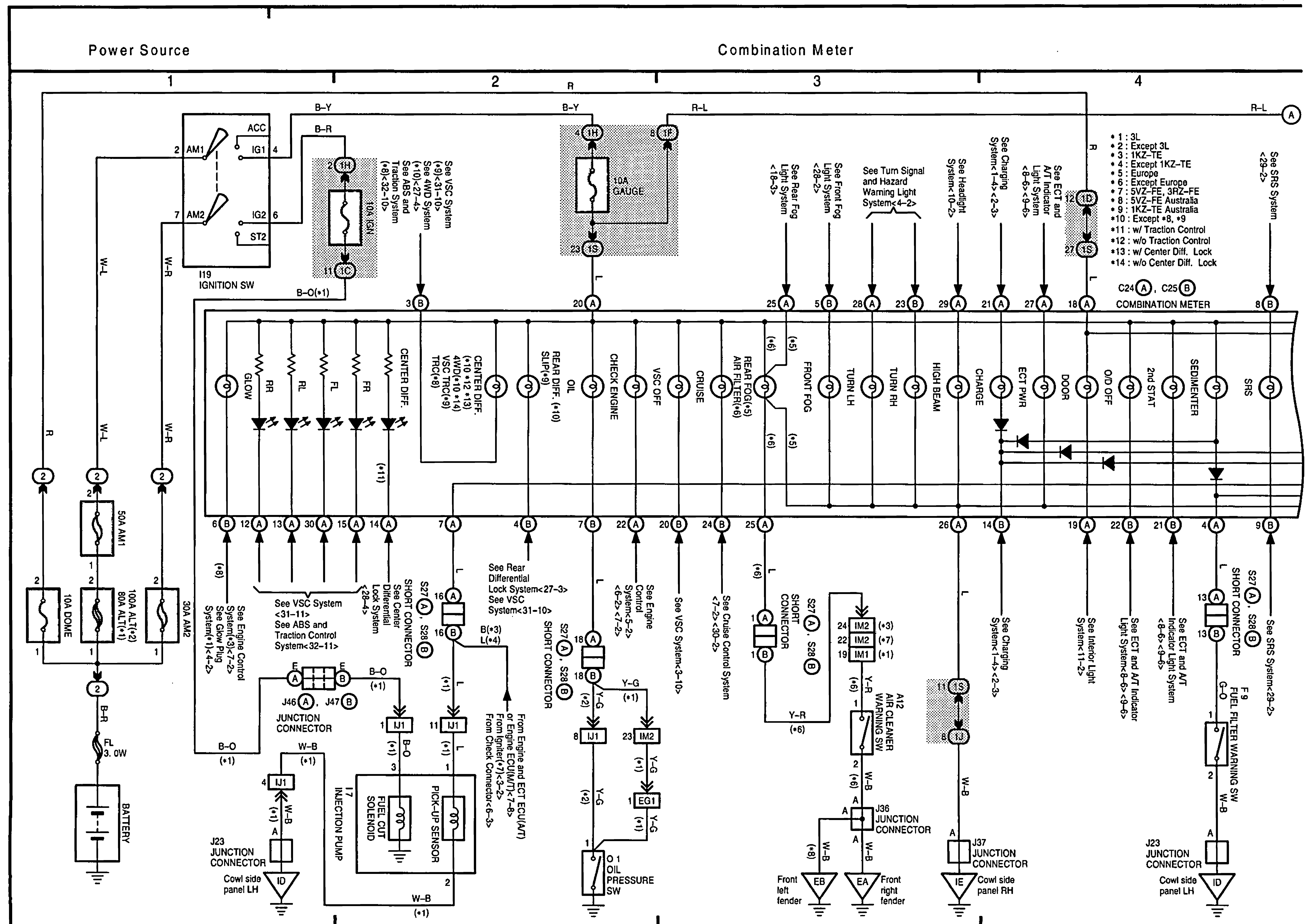
• 1 : Shielded

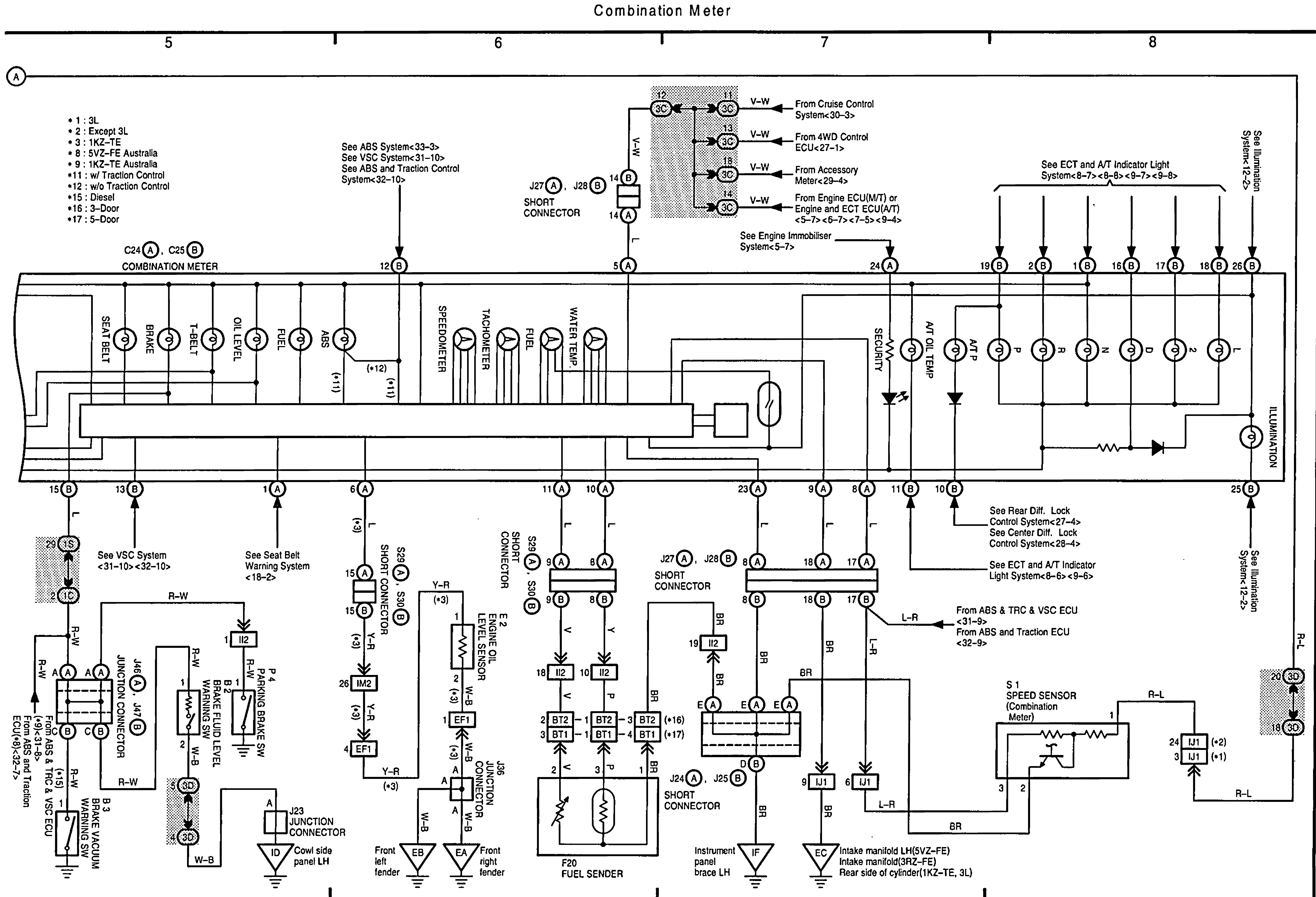


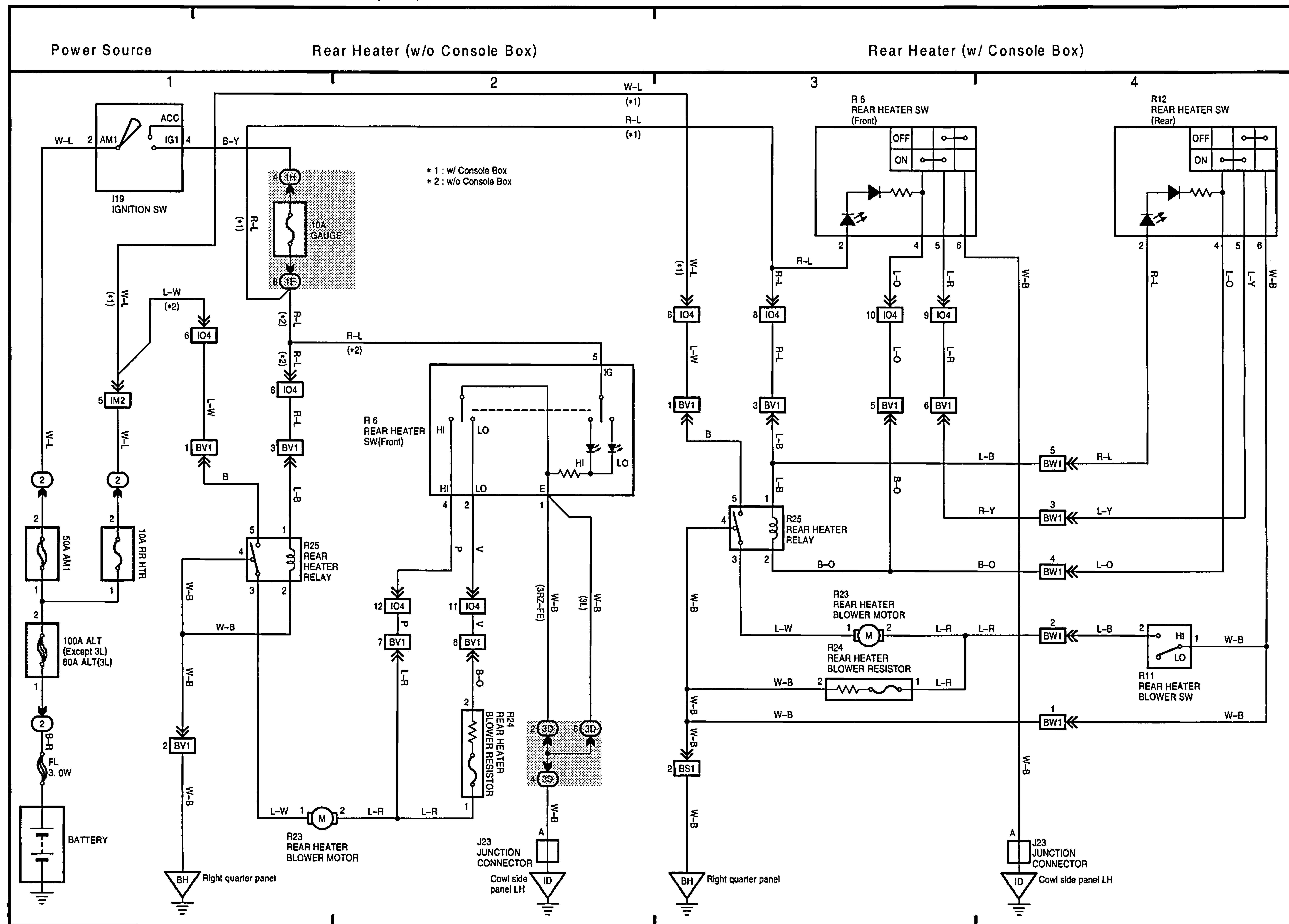
Correction to EWD376F

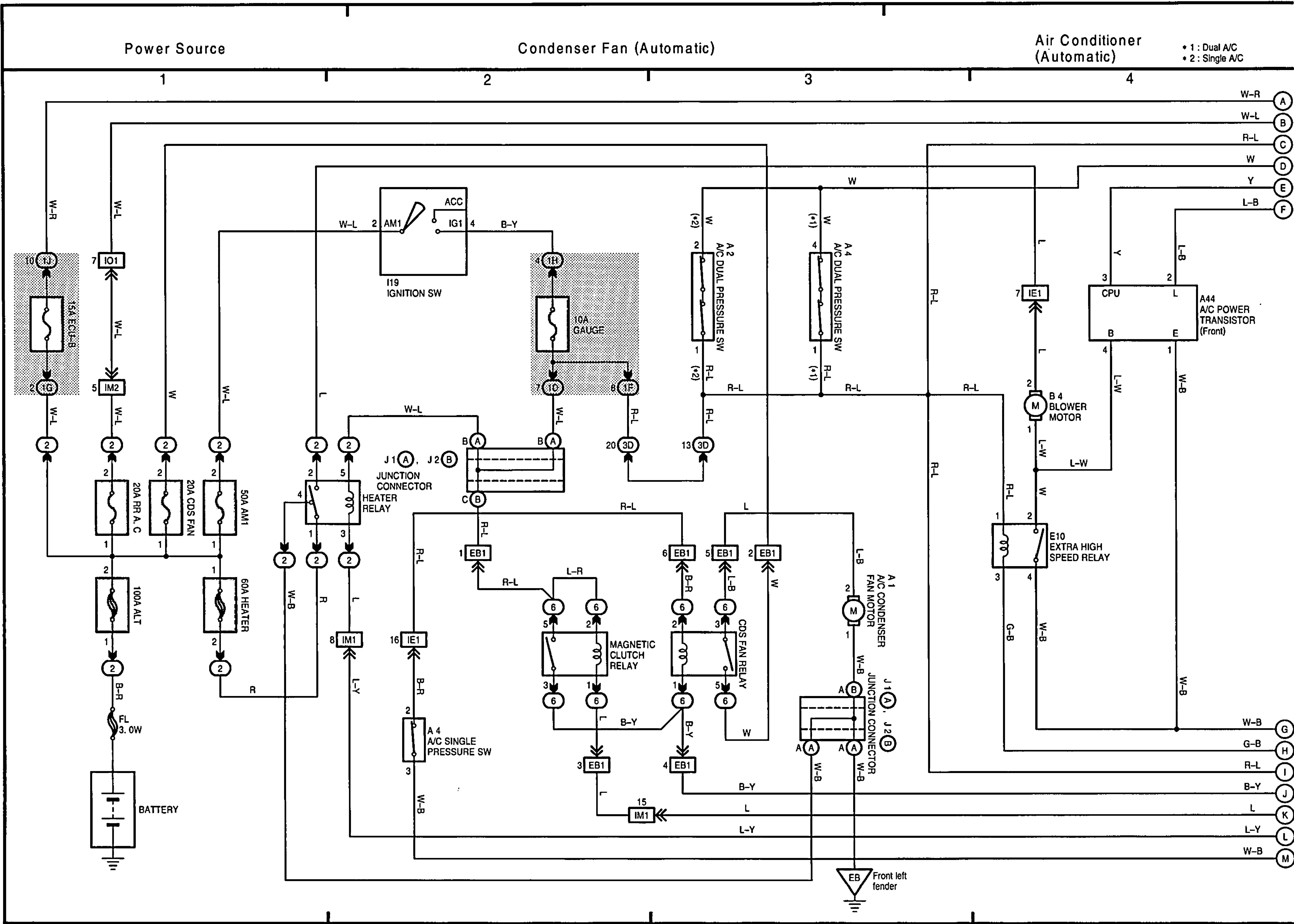


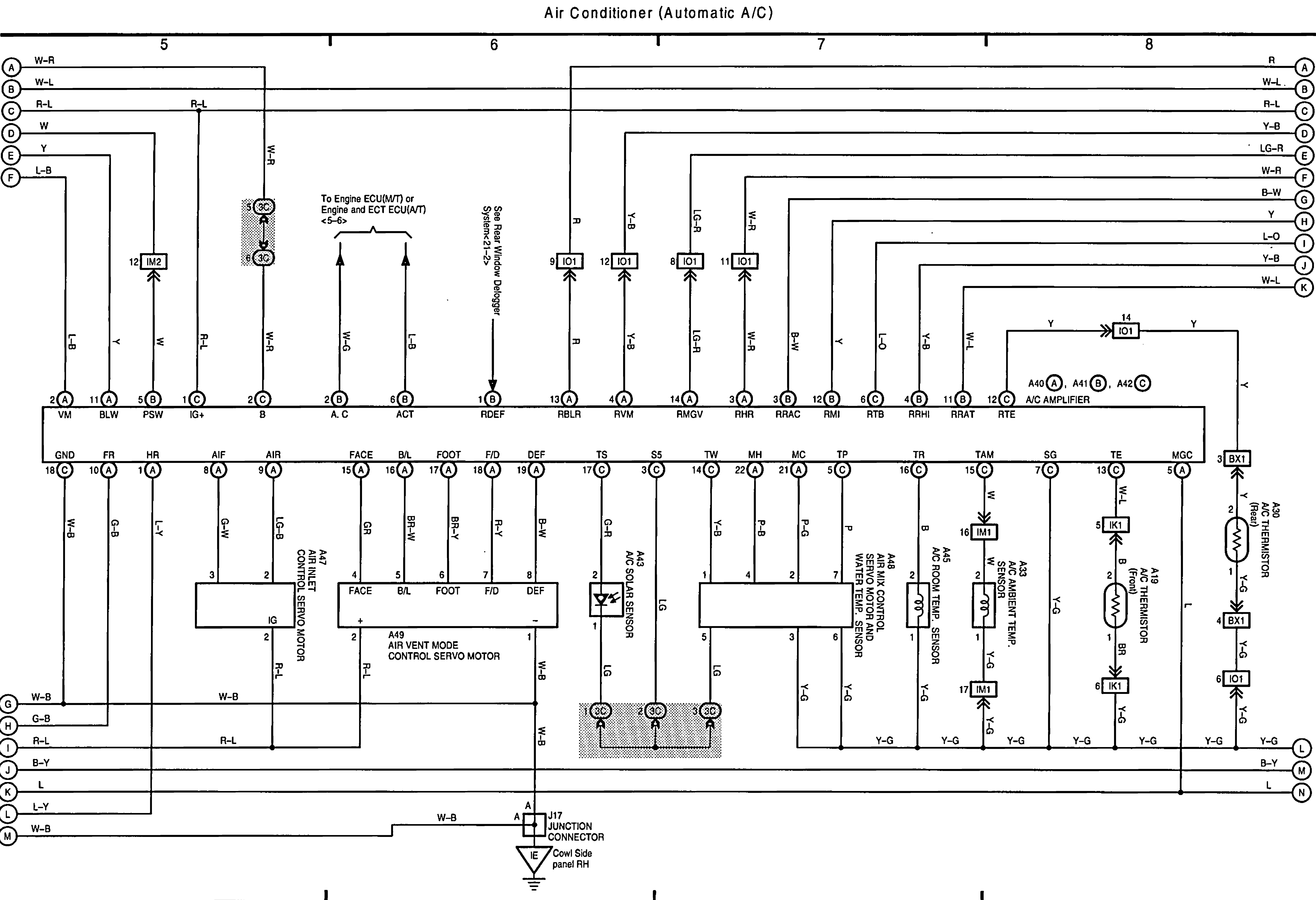


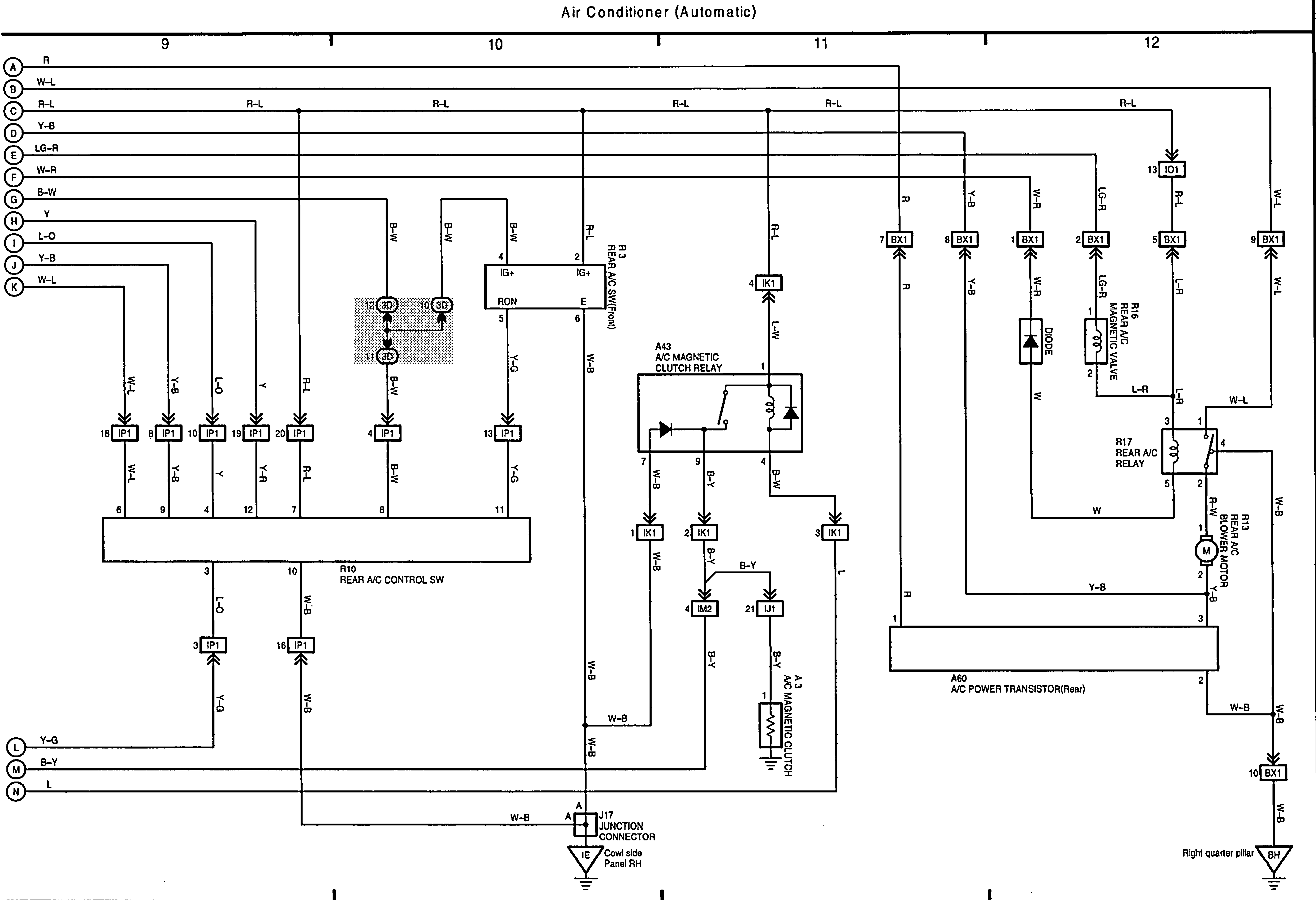


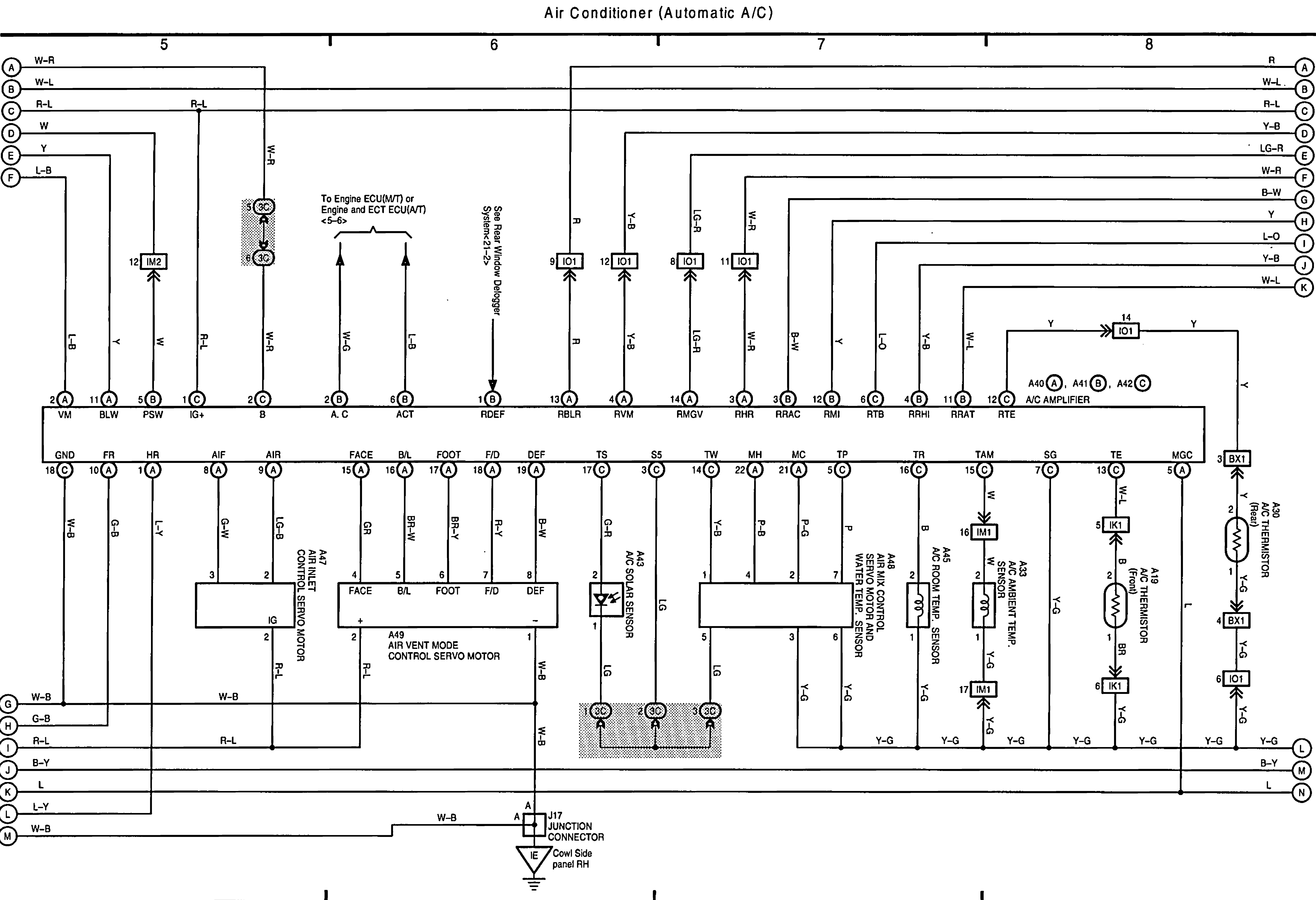




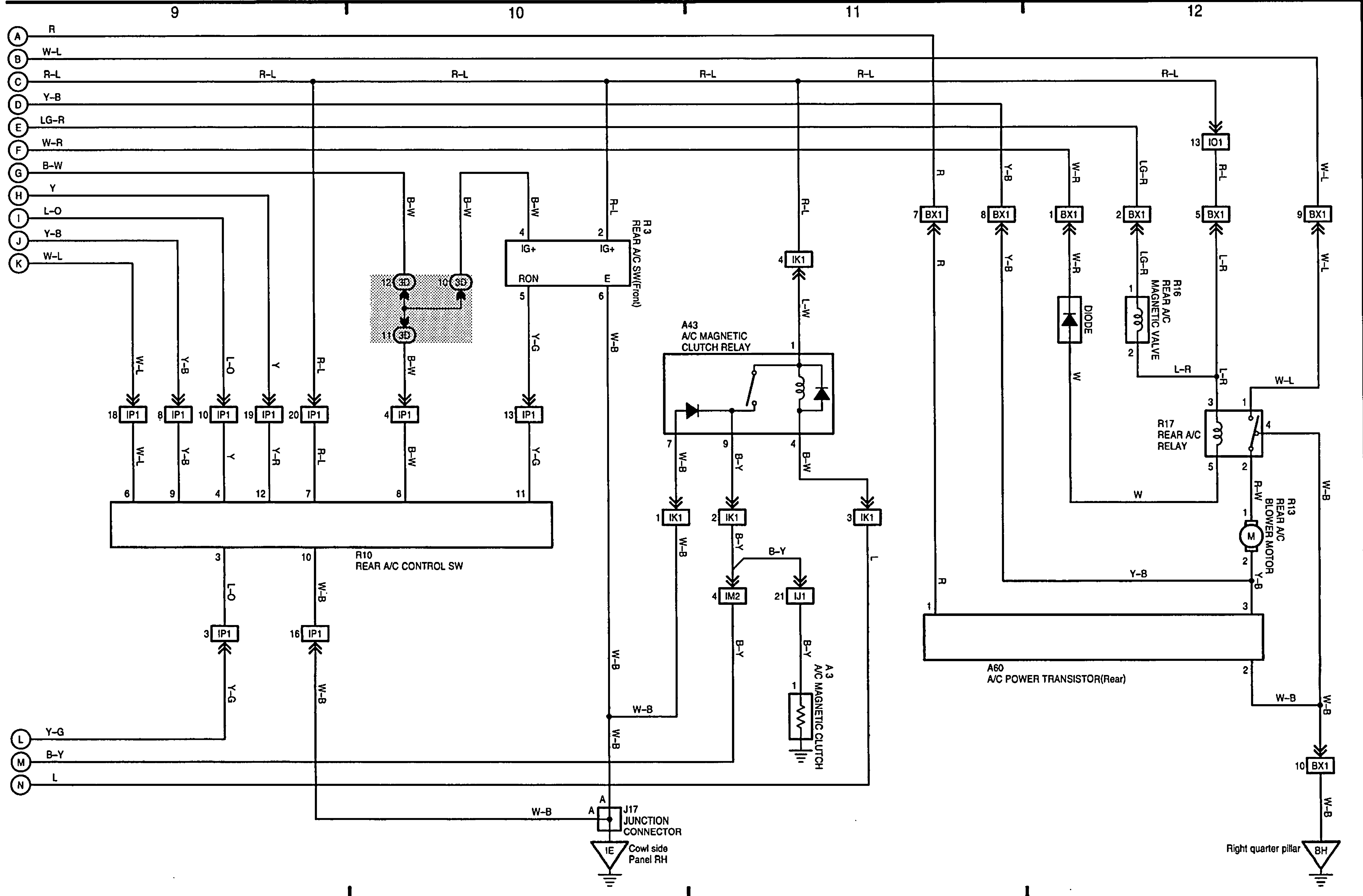


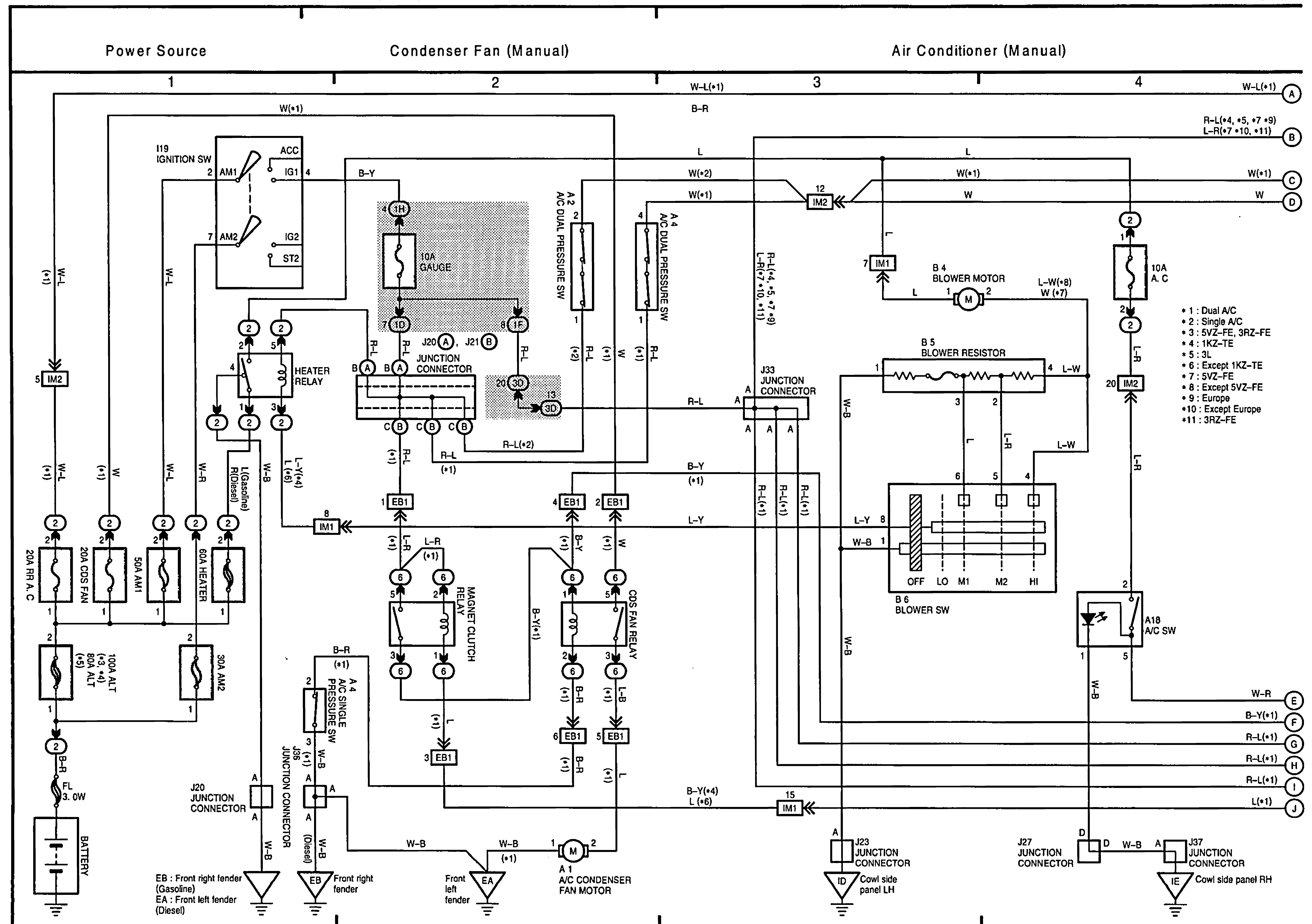






Air Conditioner (Automatic)





Air Conditioner (Manual)

- * 3 : 5VZ-FE, 3RZ-FE
- * 5 : 3L
- * 9 : Europe

