

FOREWORD

This wiring diagram manual has been prepared to provide information on the electrical system of the LAND CRUISER Station Wagon.

Applicable models: UZJ 100 Series
 FZJ 100,105 Series
 HDJ 100 Series
 HZJ 105 Series

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

Manual Name	Pub. No.
<ul style="list-style-type: none"> ● LAND CRUISER Chassis and Body Repair Manual <ul style="list-style-type: none"> Volume 1 Volume 2 	RM616E1 RM616E2
<ul style="list-style-type: none"> ● 2UZ-FE Engine Repair Manual 	RM630E
<ul style="list-style-type: none"> ● 1FZ-FE Engine Repair Manual Supplement 	RM619E
<ul style="list-style-type: none"> ● 1HZ, 1HD-T, 1HD-FTE Engine Repair Manual 	RM617E
<ul style="list-style-type: none"> ● LAND CRUISER New Car Features 	NCF147E

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.

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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.

English
 Français
 Español
 Deutsch

LHD
 RHD

LAND CRUISER Station Wagon ELECTRICAL WIRING DIAGRAM

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PART NUMBER OF CONNECTORS	G	

SCHEMA DE CABLAGE ELECTRIQUE DE LA LAND CRUISER *Commerciale*

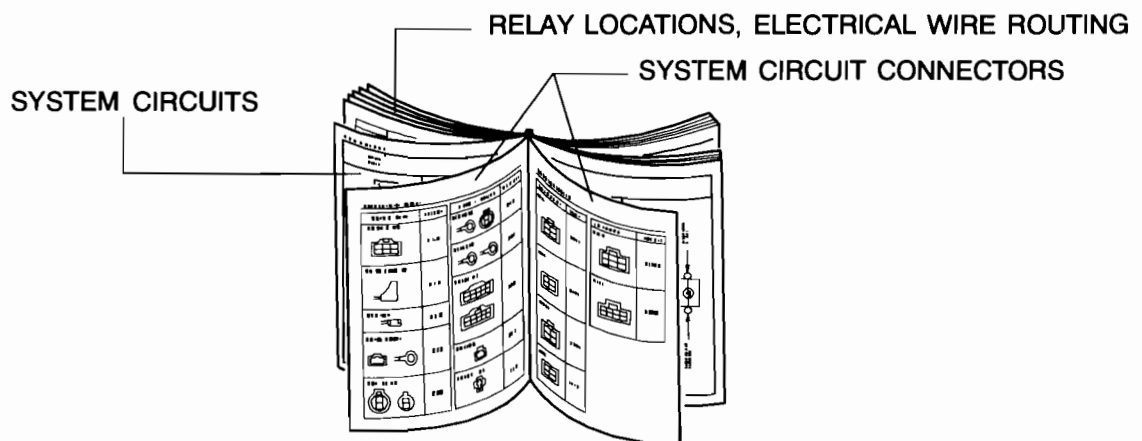
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This manual consists of the following 7 sections:

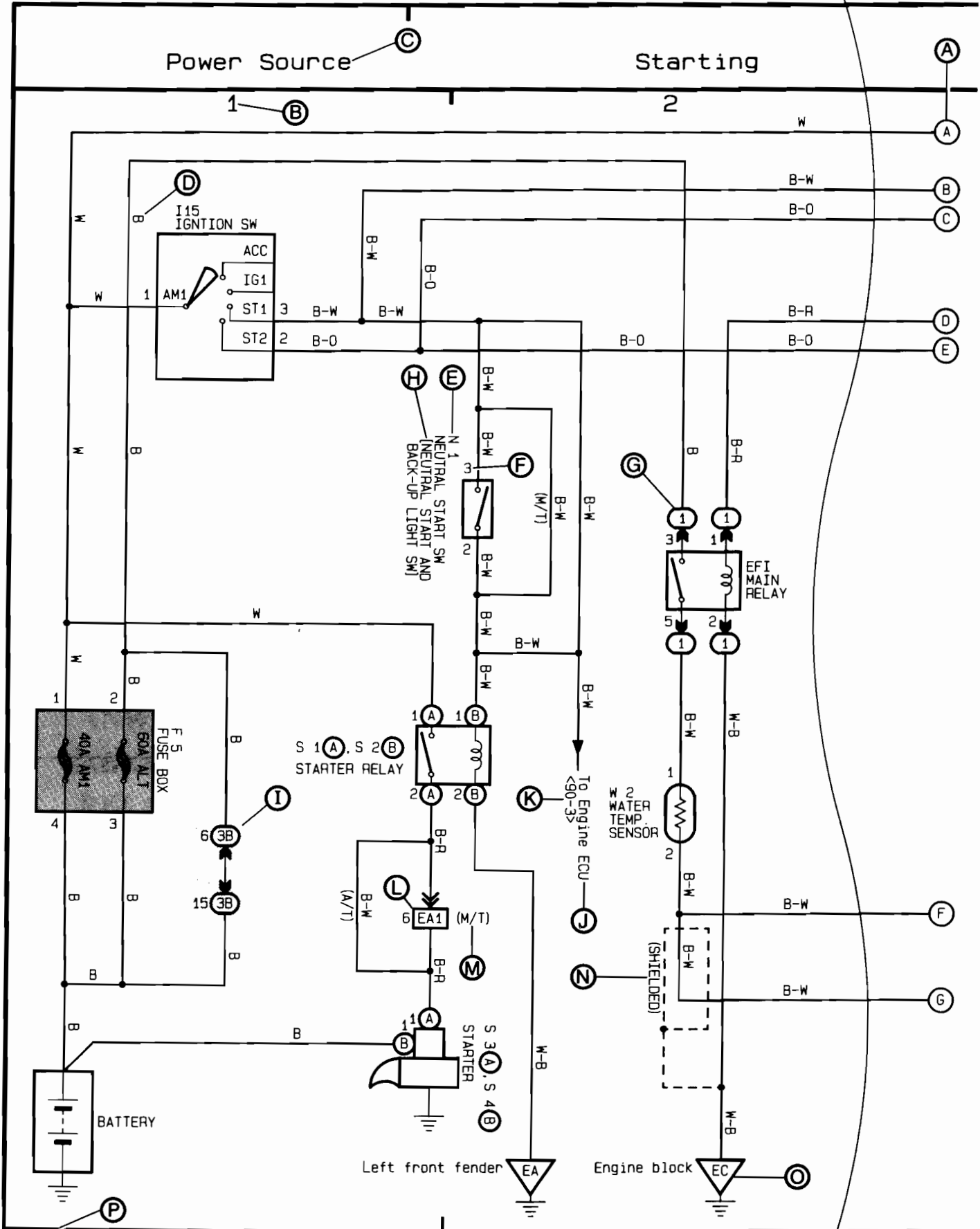
No.	Section	Description
A	INDEX	Index of the contents of this manual.
	INTRODUCTION	Brief explanation of each section.
B	HOW TO USE THIS MANUAL	Instructions on how to use this manual.
C	ABBREVIATIONS	Defines the abbreviations used in this manual.
D	RELAY LOCATIONS	Shows position of the Electronic Control Unit, Relays, Relay Block, etc. This section is closely related to the system circuit.
E	ELECTRICAL WIRE ROUTING	Describes position of the Parts Connectors, Ground points, etc. This section is closely related to the system circuit.
F	INDEX	Index of the system circuits.
	ELECTRICAL WIRING DIAGRAM	<p><u>SYSTEM CIRCUITS</u> Electrical circuits of each system are shown from the power supply to the ground points, and the connection methods between related system are shown.</p> <hr style="border-top: 1px dashed black;"/> <p><u>SYSTEM CIRCUIT CONNECTORS</u> All connector shapes, terminals and colors included in the wiring diagrams are shown here, grouped according to the respective wiring diagrams. (See the illustration below.)</p>
G	PART NUMBER OF CONNECTORS	Indicates the part number of the connectors used in this manual.



Information on connectors in the SYSTEM CIRCUITS may be looked up in the SYSTEM CIRCUITS CONNECTORS.

B HOW TO USE THIS MANUAL

F ELECTRICAL WIRING DIAGRAM (SYSTEM CIRCUITS)



English

(A): The same code occurring on the next page indicates that the wire harness is continuous.

(B): Number of the section of the system circuit

(C): System Title

(D): Indicates the wiring color.

Wire colors are indicated by an alphabetical code.

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

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

Example: L - Y



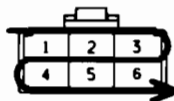
(E): Represents a part.

The position of the parts is the same as shown in the system circuits and wiring routing.

(F): 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 Numbered in order from upper right to lower left



Female



Male

(G): 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.

(H): When 2 parts both use one connector in common, the parts connector name used in the wire routing section is shown in square brackets [].

(I): 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 (different junction blocks are shaded differently for further clarification).

Example:

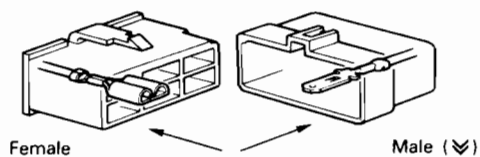


3B indicates that it is inside Junction Block No. 3.

(J): Indicates related system.

(K): The left number is the number of the page and the right number is the number of the section on the system circuit.

(L): Indicates the wiring harness and wiring harness connector. The wiring harness with male terminal is shown with arrows (↘). Outside numerals are pin numbers.



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

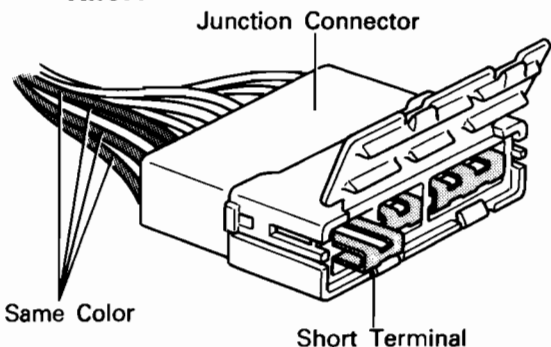
(N): Indicates a shielded cable.



(O): Indicates a ground point.

(P): Page No.

HINT:



Junction connector (code: J 1 to J53) 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.

B HOW TO USE THIS MANUAL






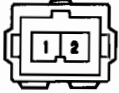
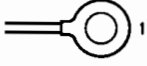
Shown on this page are the connectors (wire harness side) for parts shown in the system circuits. An explanation is given for each item on the page.

English

- Part code No. and Part name
The part code No. and part name are given as in the system circuit, arranged in alphabetical order.
The position of the parts is the same as shown in the system circuits and wiring routing.

- The location indicated is the location of the applicable part within the system circuit.
(The left number is the number of the page and the right number is the number of the section on the system circuit.)

SYSTEM CIRCUIT CONNECTORS

PARTS CODE	PARTS & CONNECTOR TYPE	LOCATION	PARTS CODE	PARTS & CONNECTOR TYPE	LOCATION
I15	IGNITION SW BLACK 	84-1	S 1	Ⓐ STARTER RELAY 	84-1
N 1	NEUTRAL START SW (NEUTRAL START AND BACK-UP LIGHT) BLACK 	84-1	S 2	Ⓑ STARTER RELAY 	84-1
O 1	O/D SOLENOID 	84-4	W 2	WATER TEMP. SENSOR 	84-2
S 3	STARTER 	84-1			

- Indicates the pin number of the connector.

- Connector color
(connectors with the color not indicated are milky white in color.)

- These indicate that the part has more than one connector.

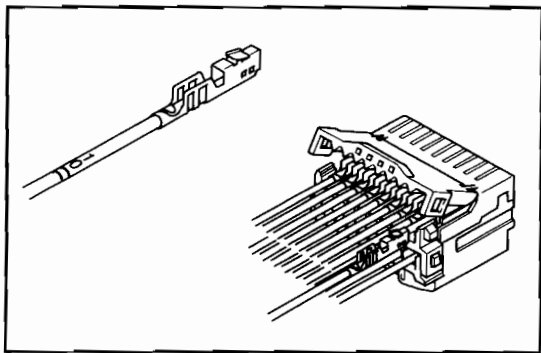
ABBREVIATIONS

The following abbreviations are used in this manual.

ABS	= Anti-Lock Brake System
A/C	= Air Conditioner
AHC	= Active Height Control
A/T	= Automatic Transmission
CD	= Compact Disc
COMB.	= Combination
DIFF.	= Differential
DLC3	= Data Link Connector 3
ECT	= Electronically Controlled Transmission
ECU	= Electronic Control Unit
EDU	= Electronic Driving Unit
EFI	= Electronic Fuel Injection
EGR	= Exhaust Gas Recirculation
EVAP	= Evaporative Emission
G.C.C.	= Gulf Cooperation Council
HID	= High Intensity Discharge
IC	= Integrated Circuit
ISC	= Idle Speed Control
J/B	= Junction Block
LH	= Left-Hand
LHD	= Left-Hand Drive
M/T	= Manual Transmission
O/D	= Overdrive
RH	= Right-Hand
RHD	= Right-Hand Drive
SRS	= Supplemental Restraint System
SW	= Switch
TEMP.	= Temperature
VRV	= Vacuum Regulating Valve
VSV	= Vacuum Switching Valve
w/	= With
w/o	= Without

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

HINT



WIRE COLOR AND TERMINAL NUMBER

In some parts of the instrumental panel wiring harness, the same wire color (i.e. SB: Sky Blue) is used for all the wiring to a specific connector.

In order to identify the wiring, the terminal number is printed on the wiring.

Install the wiring to the connector position with the same terminal number.

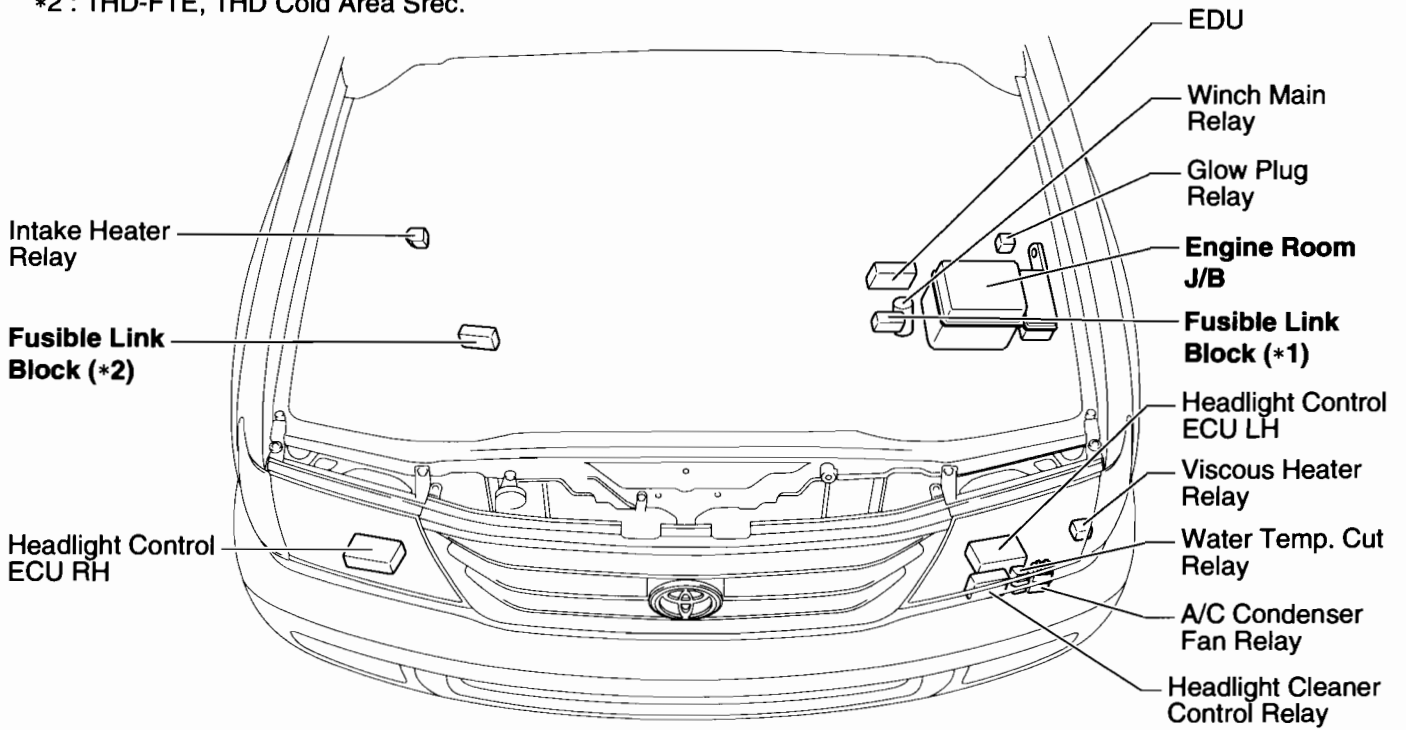
Some early production vehicles may not have these terminal numbers printed.

D RELAY LOCATIONS

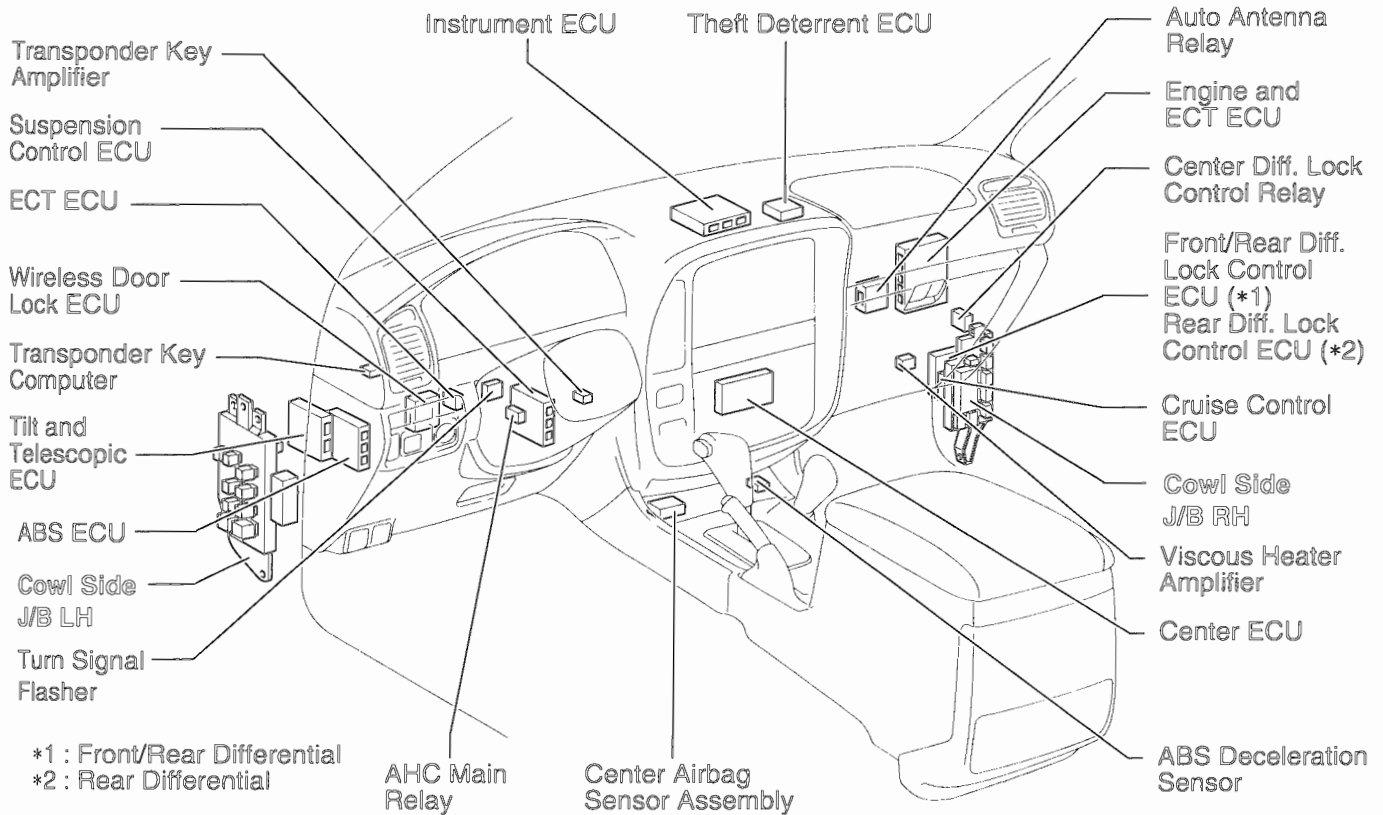
[Engine Compartment]

English

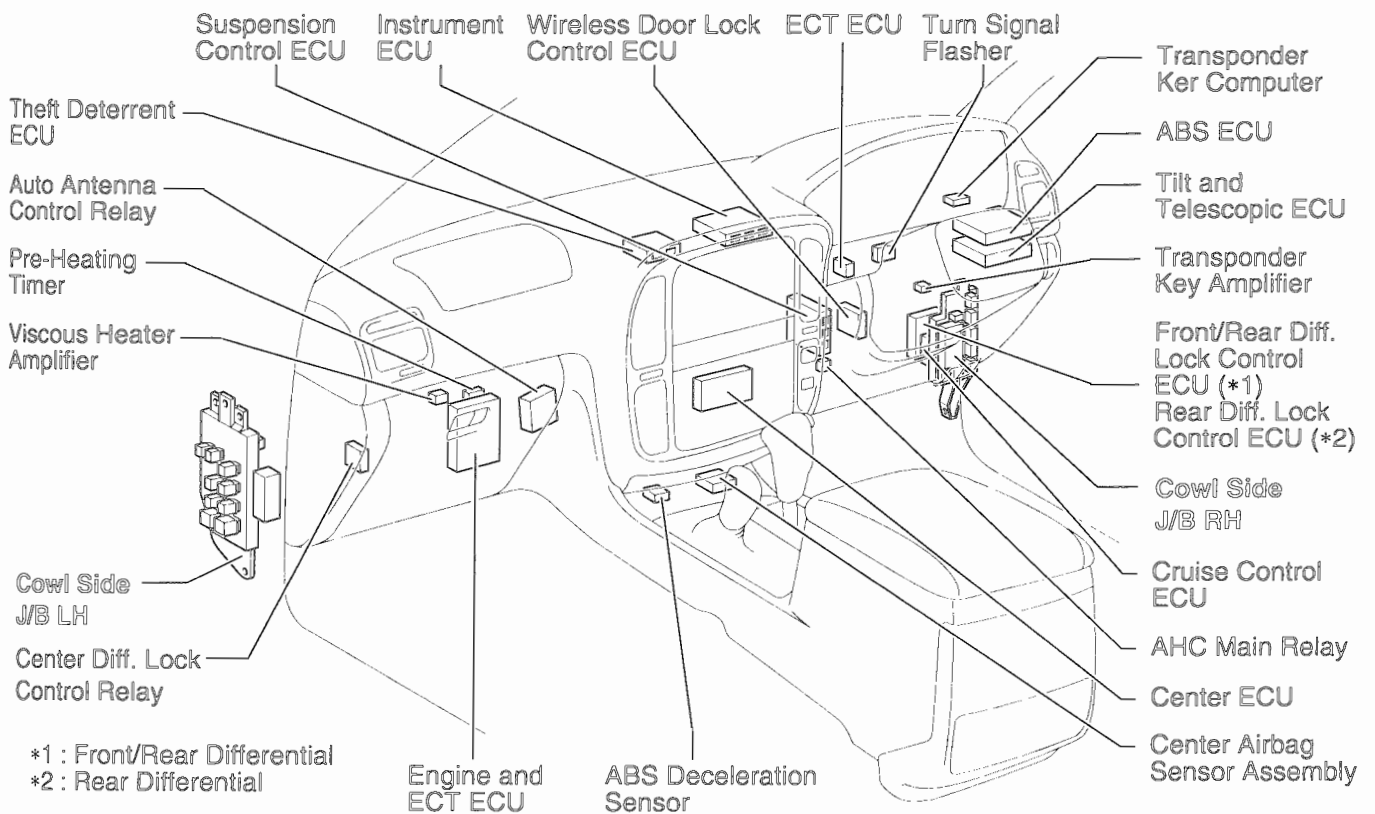
*1 : Except 1HD-FTE, 1HZ Cold Area Spec.
*2 : 1HD-FTE, 1HD Cold Area Spec.



[Instrument Panel]
(LHD)



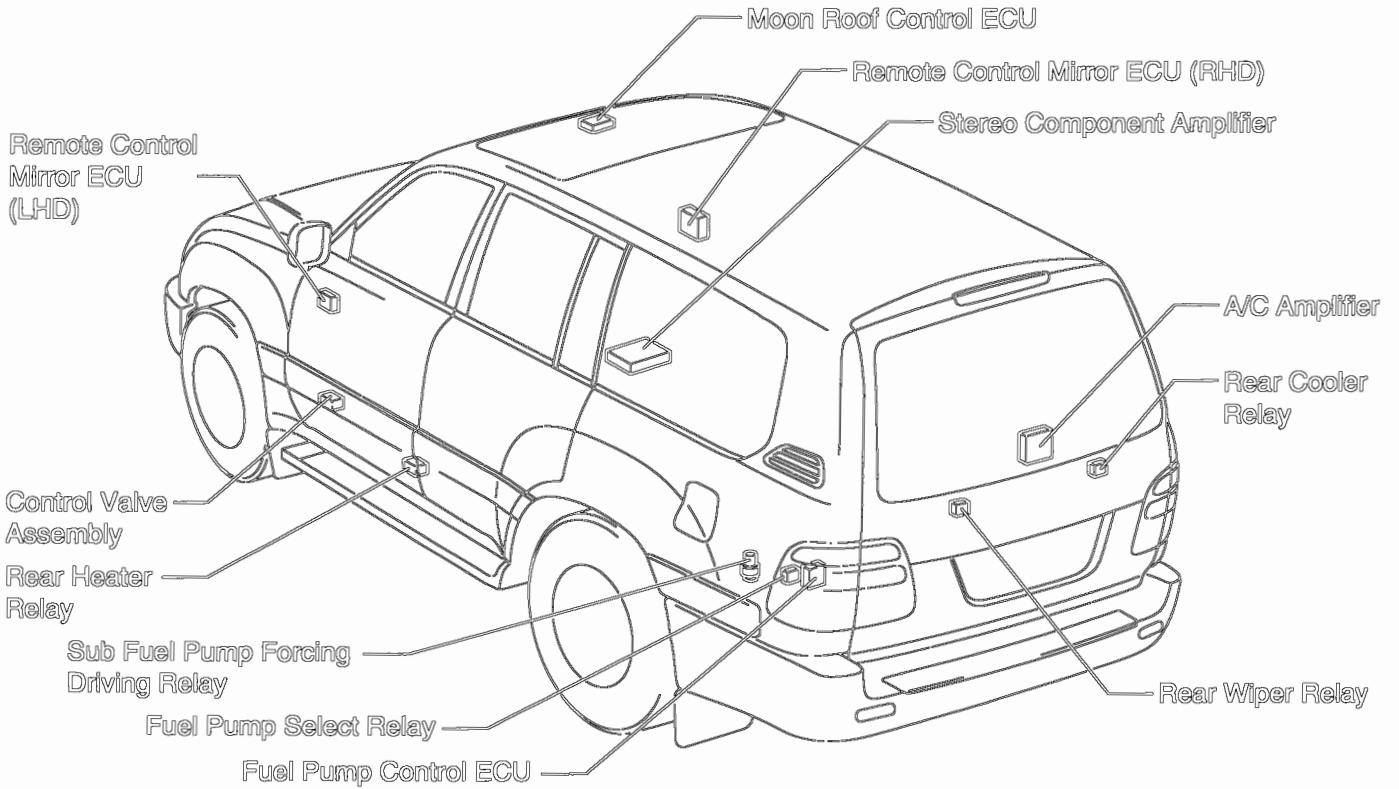
(RHD)



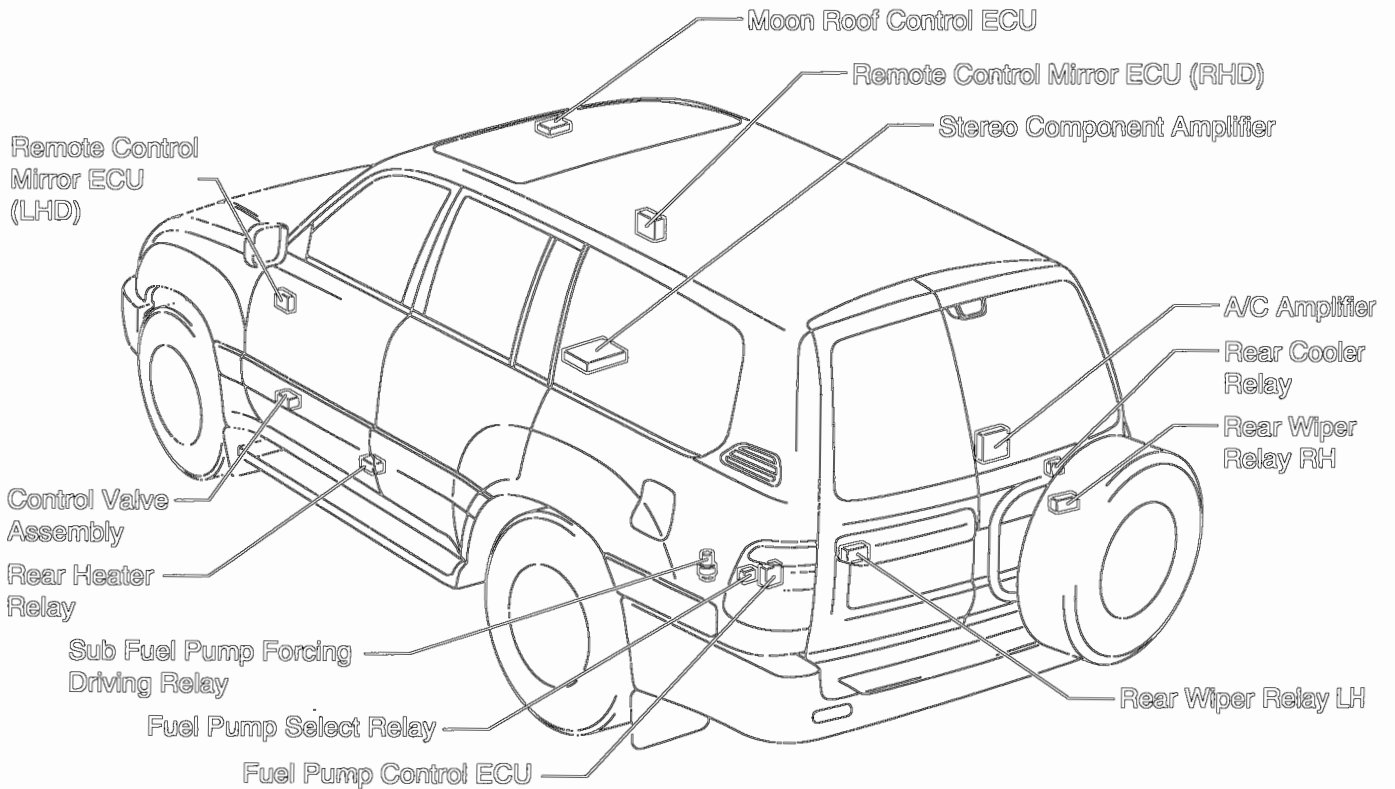
D RELAY LOCATIONS

[Body]
(Liftgate Type)

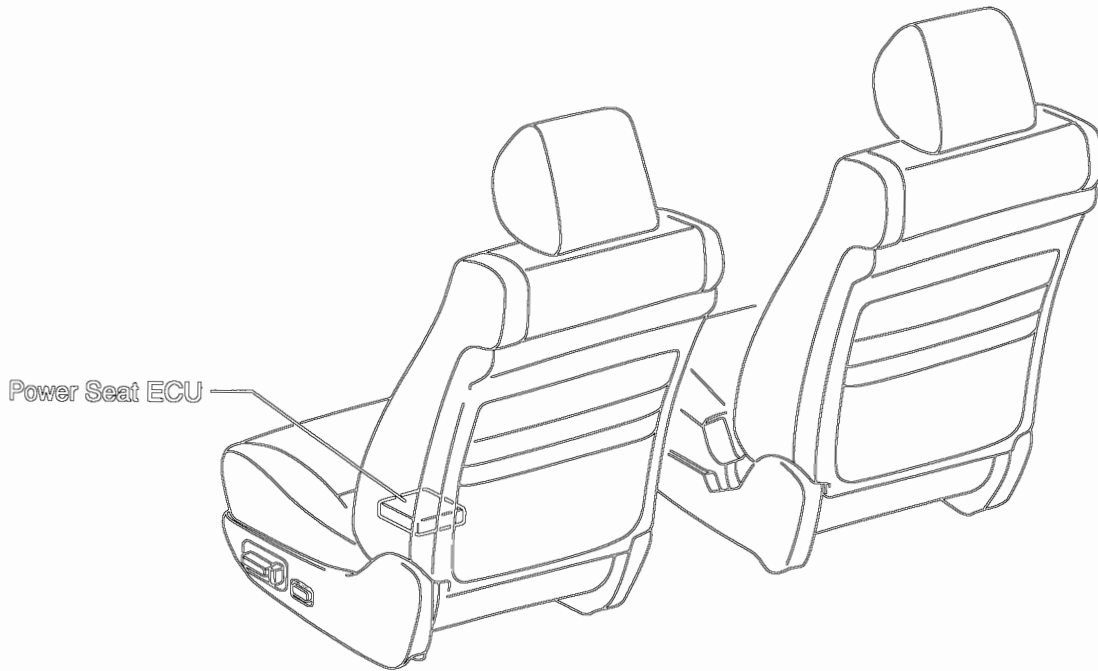
English



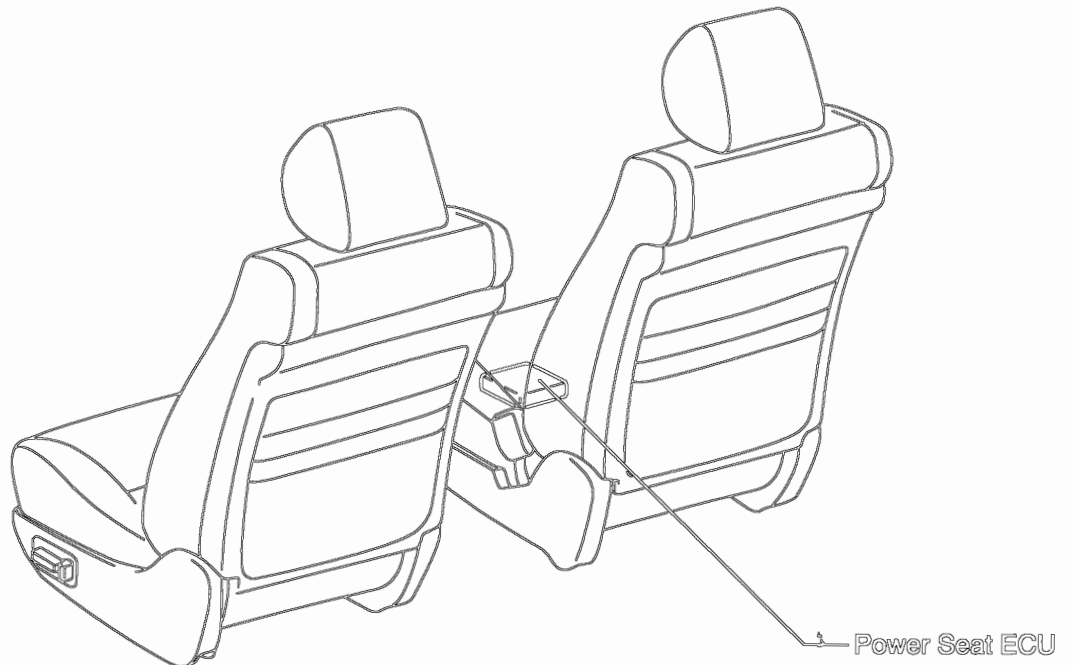
(Swing Type)



[Seat]
(LHD)



(RHD)

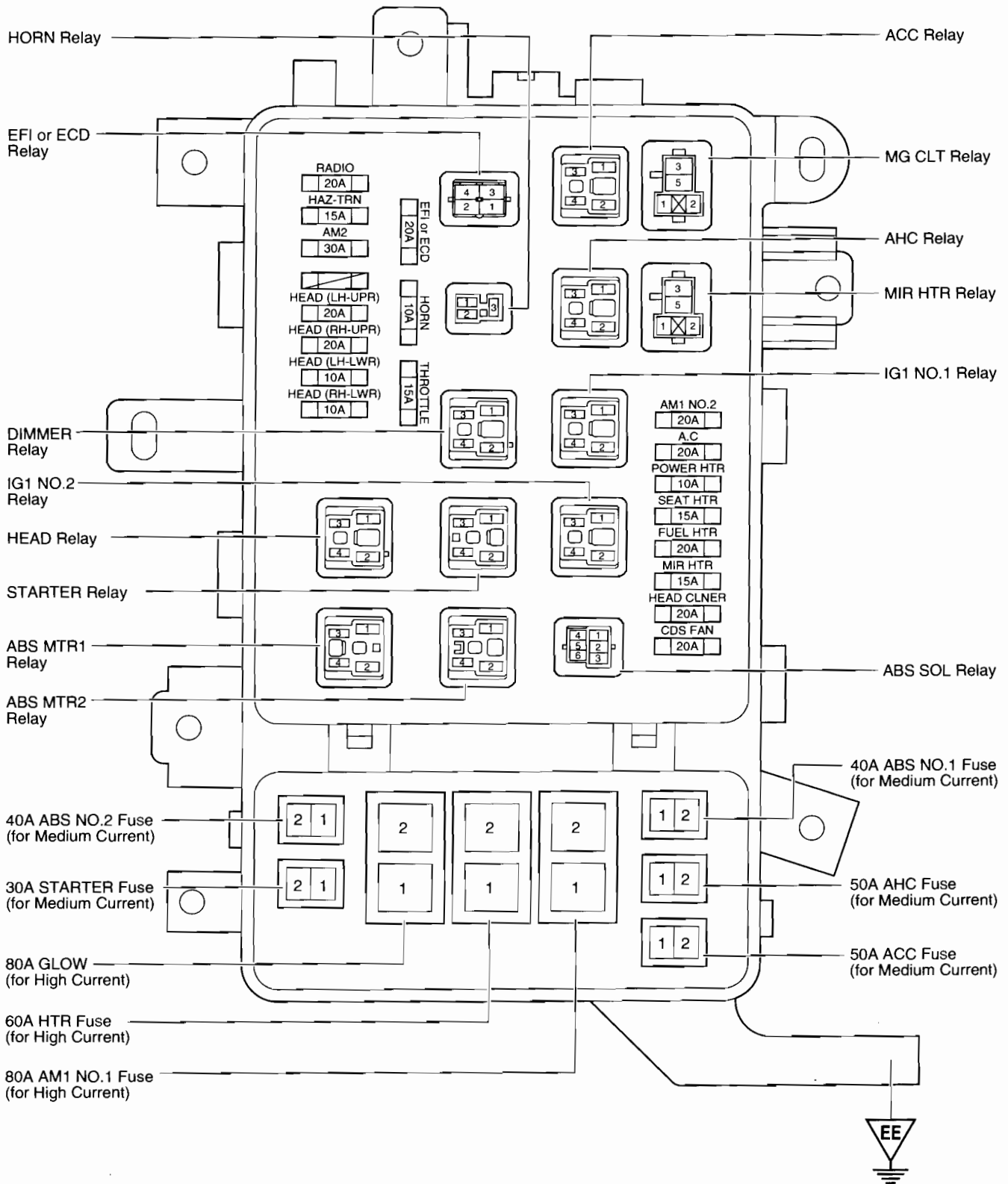


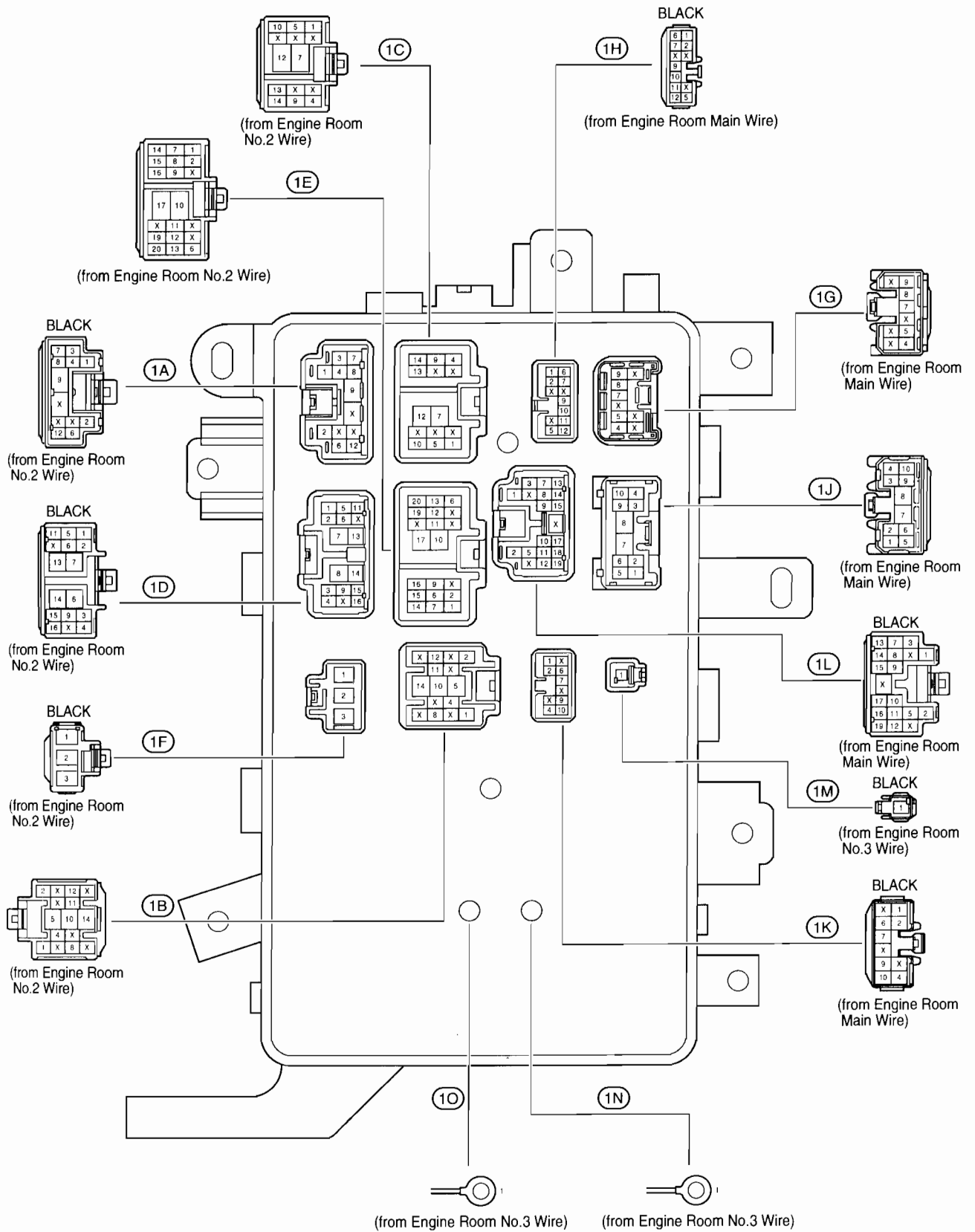
English

D RELAY LOCATIONS

○ : Engine Room J/B Engine Compartment Left (See Page 28)

English

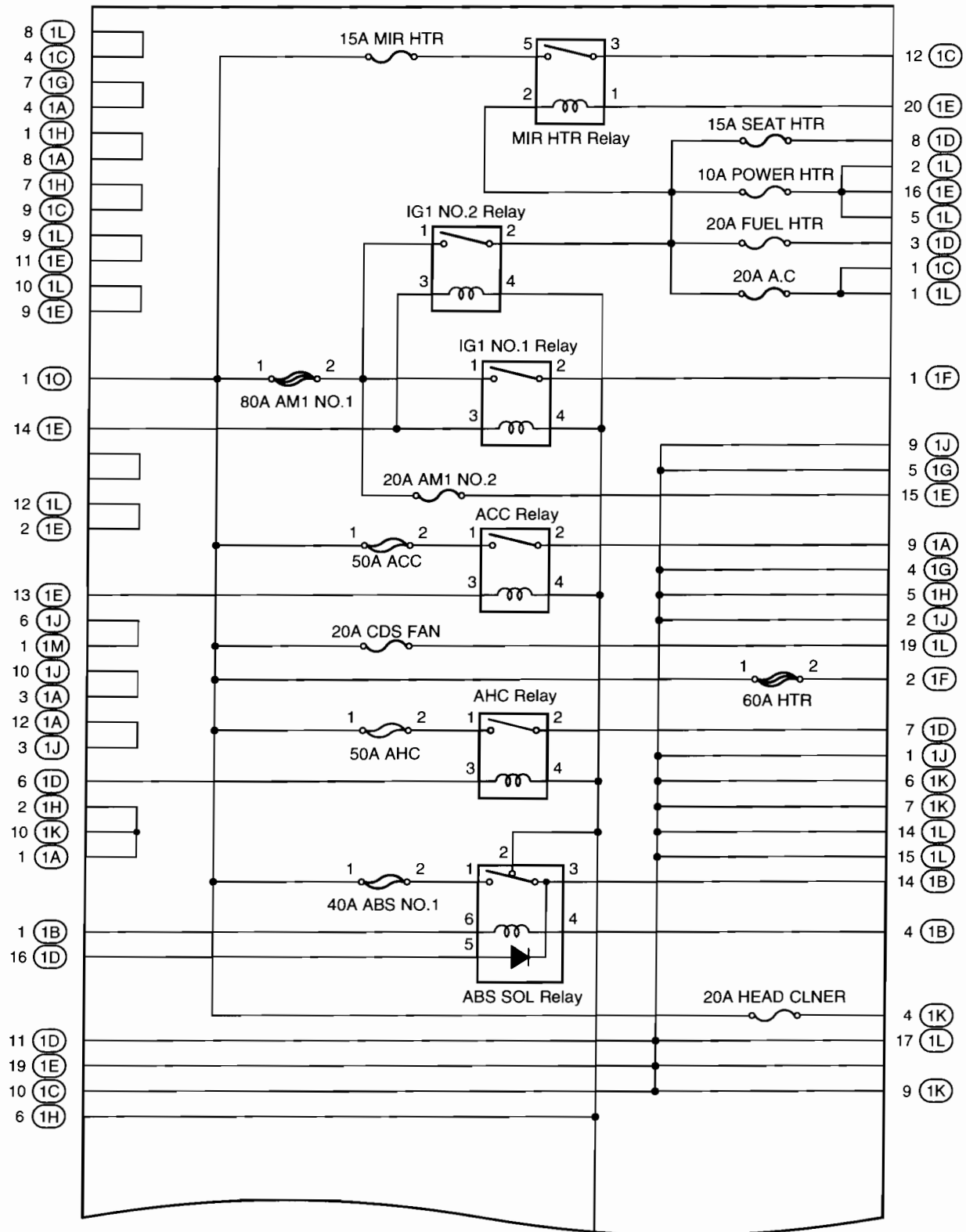




D RELAY LOCATIONS

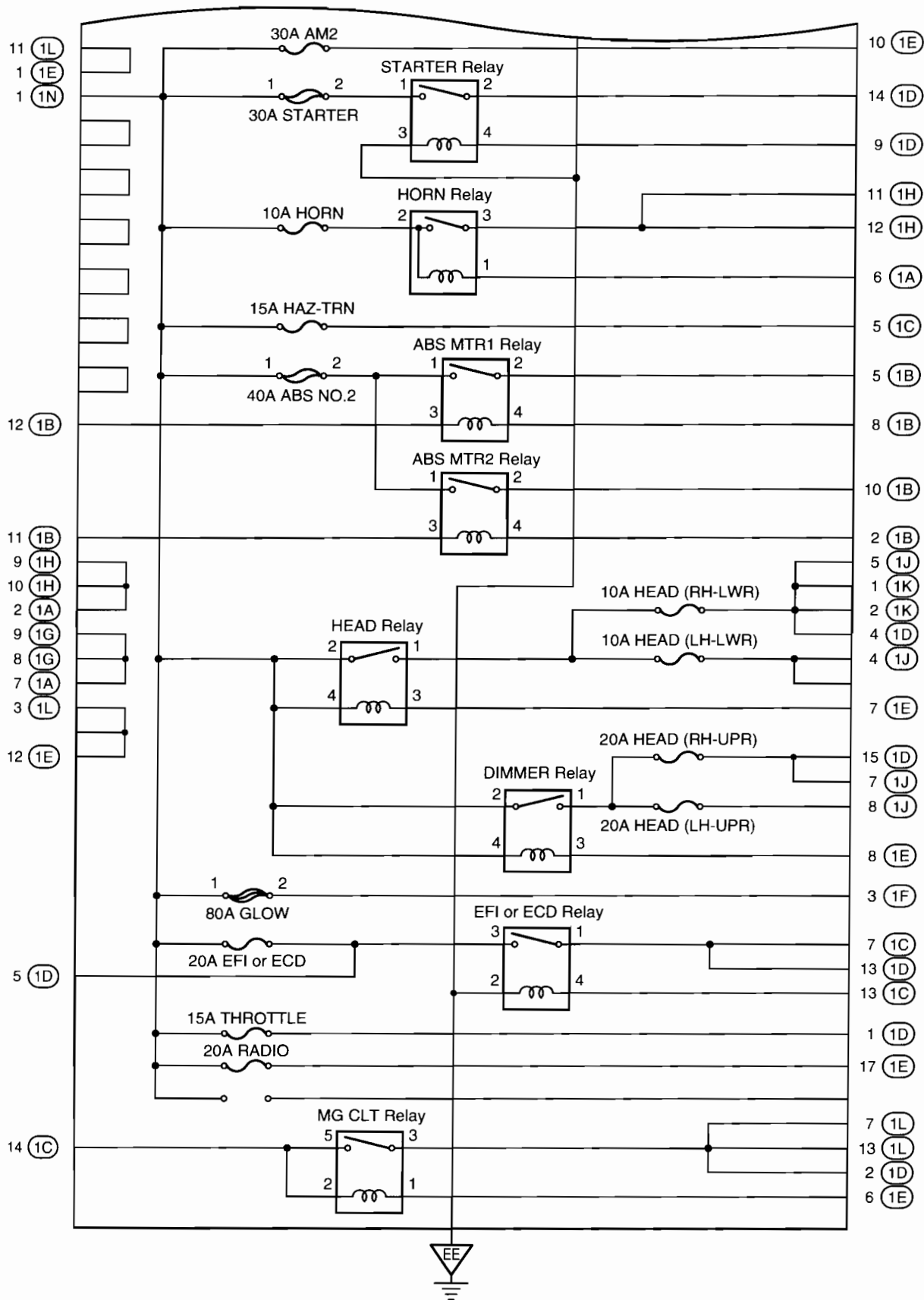
[Engine Room J/B Inner Circuit]

English



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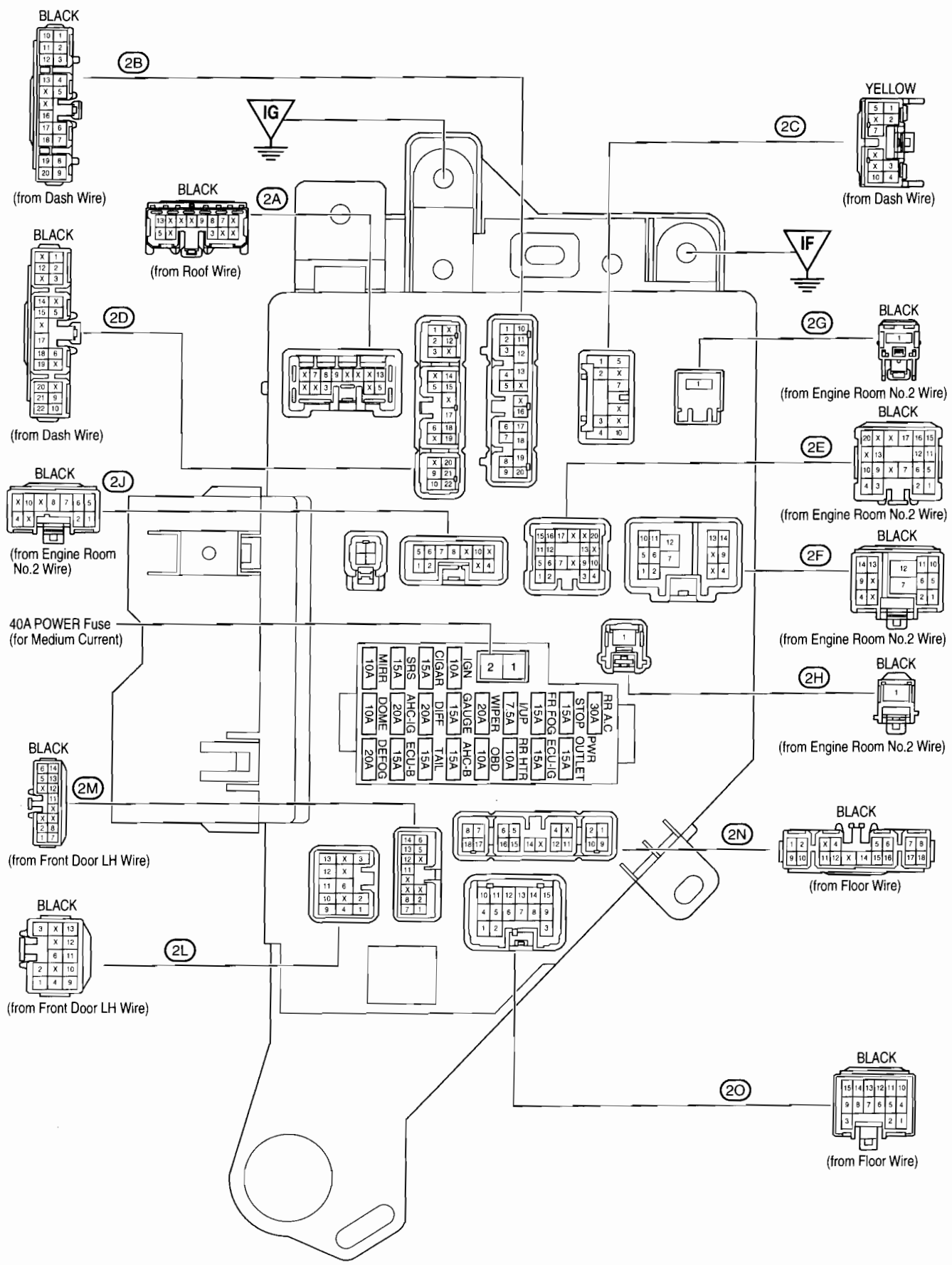
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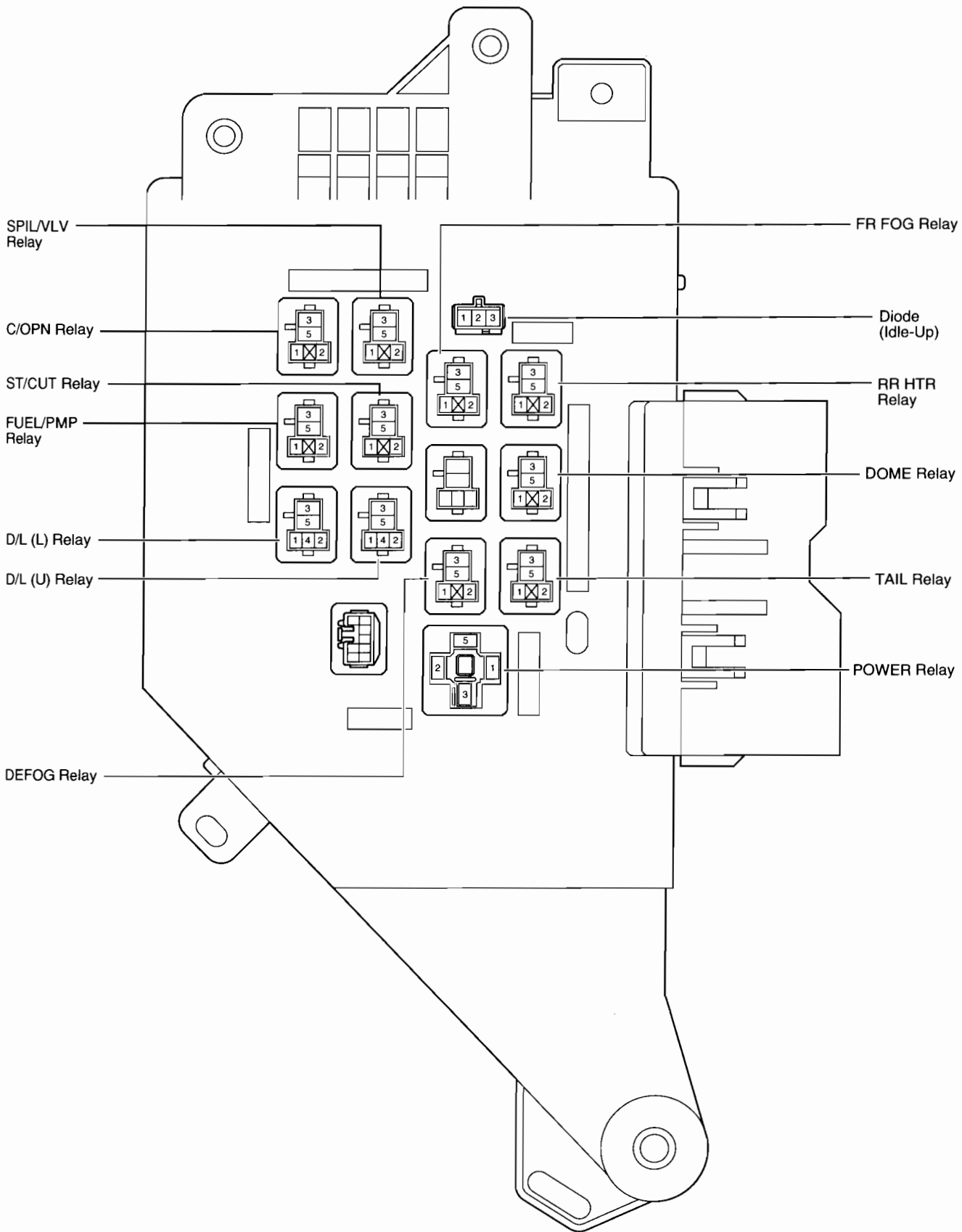


D RELAY LOCATIONS

○ : Cowl Side J/B LH Left Kick Panel (See Page 29)

English

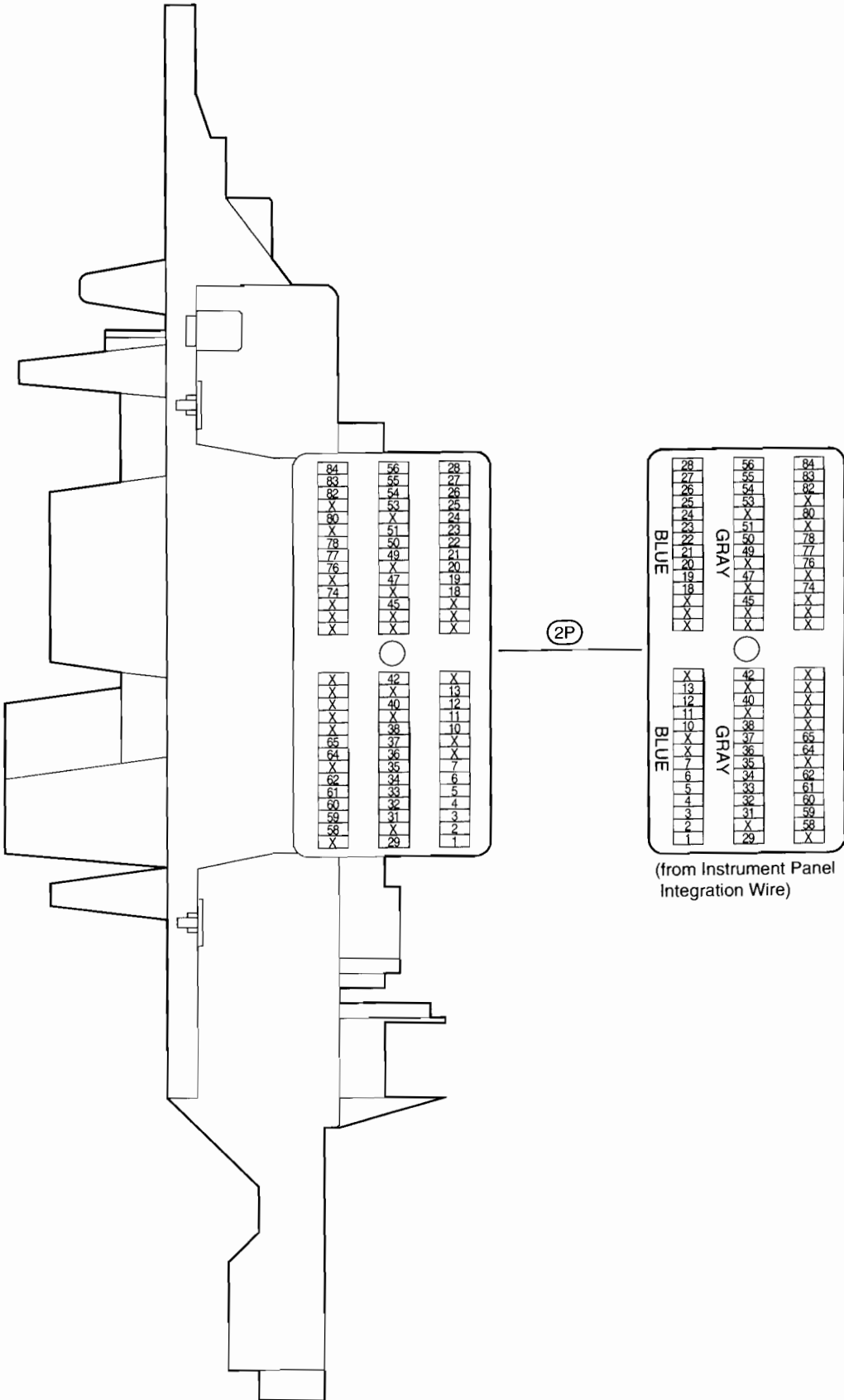




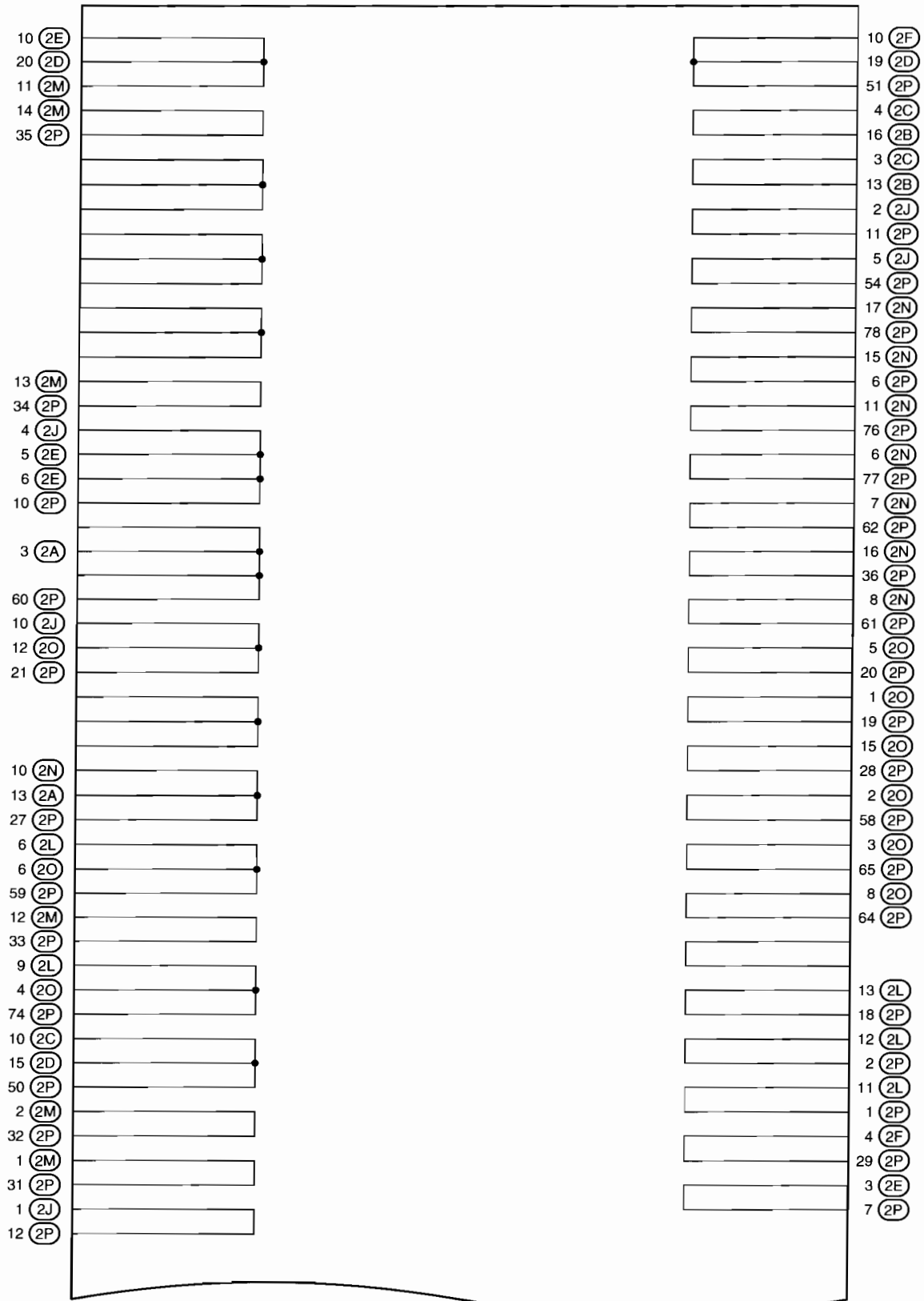
D RELAY LOCATIONS

○ : Cowl Side J/B LH Left Kick Panel (See Page 29)

English



[Cowl Side J/B LH Inner Circuit]



Cont. Next Page