

# Suzuki Carry & Every Service Manual

## Electrical Service Manual

1989~1998 Model



**Electrical Circuits & Diagrams**

**2WD & 4WD Truck and Van**

**V-DE51V**

**V-DF51V**

**V-DC51T**

**V-DD51T**

**V-DC51B**

**Second Edition**  
**James L. Danko**

**Suzuki Carry & Every Factory English  
Electrical Service Manual**

**English Full Version**

**2WD &4WD**

**Truck & Van 660cc**

**AT-MT Models**

**Factory Service Manual Edition**

**1990 to 1998 Models**

**Written By,  
James Danko**

**Yokohama, Japan  
Second Edition 2008**

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Disclaimer: All translations from one language to another can involve technical errors. The author has found mistakes in the original Japanese text. The best suitable English vocabulary has been chosen by the author.

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Credits: I would like to thank Yoshiro for all his computer technology to make these books happen. His computer graphics and technology is simply the best. [www.yoshiro.com](http://www.yoshiro.com)

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## Introduction

Due to the high request for English version manuals on Japanese mini trucks & Vans, we are publishing wide variety information to provide the mini truck community with the ability to maintain their vehicles.

Japanese mini trucks & vans are produced only for the Japanese market. Therefore, all original manuals are only available in Japanese. This is the first of these books written in English.

Service manuals are not sold to the public in Japan, as in many countries. You must be a new car dealer to receive them. We have a few hundred in stock. We do not sell manuals from our own library.

Translating from Japanese is by no way an easy task. It is a very time consuming effort.

This book or manual is for the professional mechanic. It is written in Factory Service Manual style. It is full of diagrams and schematics that are easily understood by a professional mechanic. This book is written by a mechanic, for mechanics.

We have manuals for all Japanese manufactures. It's a time consuming process, please check our web page frequently as we post more information.

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Comments or information on this book please email to [info@yokohamamotors.com](mailto:info@yokohamamotors.com)

## Carry Truck Series

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DC51T



DD51T



## Suzuki Every Van

DE51V



DE51V



DF51V



DF51V



# Vehicle Series Lineup

## Dump Trucks

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**Kintaro Dump Truck**



**Low Bed Flat Dump**



## Vehicle Series Lineup

### Dump Series

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One Way Dump  
Three Way Dump



Deep Box Dump



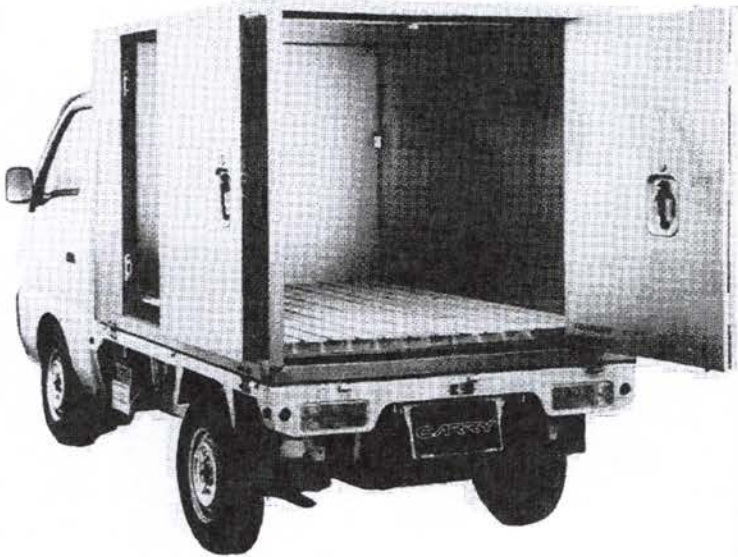


# Vehicle Series Lineup

## Freezer & Vendor Series

---

Freezer Truck



Portable Vendor Sales Truck (Refrigerated or Freezer)



# Vehicle Series Lineup

## Rear Lift & Crane

---

### Tail Gate Lift Series



### Crane Option



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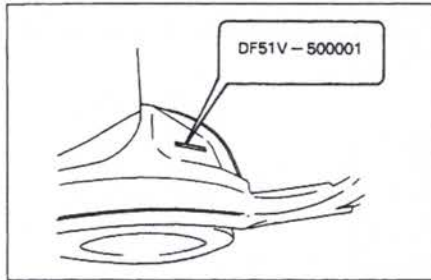
- Main Relay Location Guide
- 4WD Controller Circuit Diagram Part 1
- 4WD Controller Circuit Diagram Part 2
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- Horn Circuit
- Radio Circuit
- Shift Lock Circuit
- Warning lamp Circuit



## Section 1

### Vehicle Main Schematics

- Vehicle Identification
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Drivers Side Inner Fender Under Seat

Example: DE51V=Vehicle Series

500001=Production number

\*In Sequence\*

Every Van

DE51V-500001

DF51V-500001

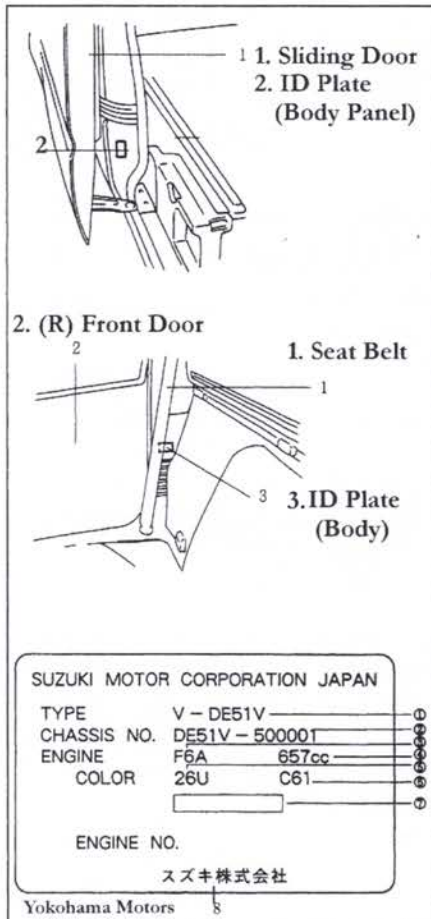
Carry Truck

DC51T-100001~

DD51T-100001~

DC51B-100001~

Other Locations of ID Plates



\*Note: Model Years do not exist in Japan, only Series.\*

Example: Car Manufactured in 2000 but not sold until 2008=2008. Therefore, vehicles go by codes and manufactures date means nothing in Japan.

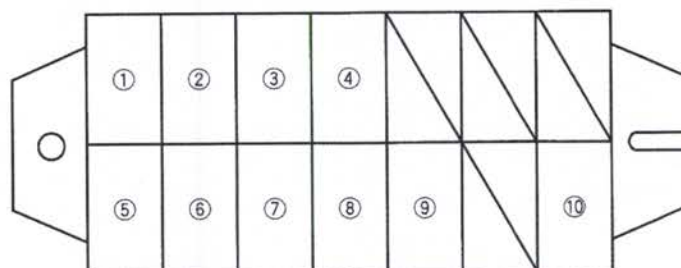
\*Note: For manufactured year check the seat belt tag or any paperwork you have from your dealer.

ID Plate Decoder

1. Vehicle Series
2. Vehicle VIN Number
3. Engine Series
4. Engine True Size(cc)
5. Body Color Code
6. Interior Color Code or Package Code
7. Makers Code (For Sales Dept. Information)
8. Suzuki Corporation(Japanese)

## Suzuki Electrical Diagrams

### Fuse Box Every & Carry



No.	Use	Circuit Funtion
①	HAED R-L	Headlamp (R)
②		Haedlamp (L)
③	TAIL · STOP	Tail Lamp, Stop Lamp, Dome, Lisence Plate, Background Light(Meter), Radio
④	HAZARD · HORN	Hazard, Radio
⑤	IG · COIL METER	Charging System, Ignition System, Fuel System, Meter
⑥	TURN · BACK	Turn Signal lamps, Backup lamps, 4WD Controller
⑦	WIPER WASHER	Front Wiper & Washer
⑧	HEATER	Heater & A/C Option Vehicles
⑨	RDTR	Cooling System
⑩	RADIO · CIGAR	Cigar Lighter & Radio (Option)

# Suzuki Electrical Diagram

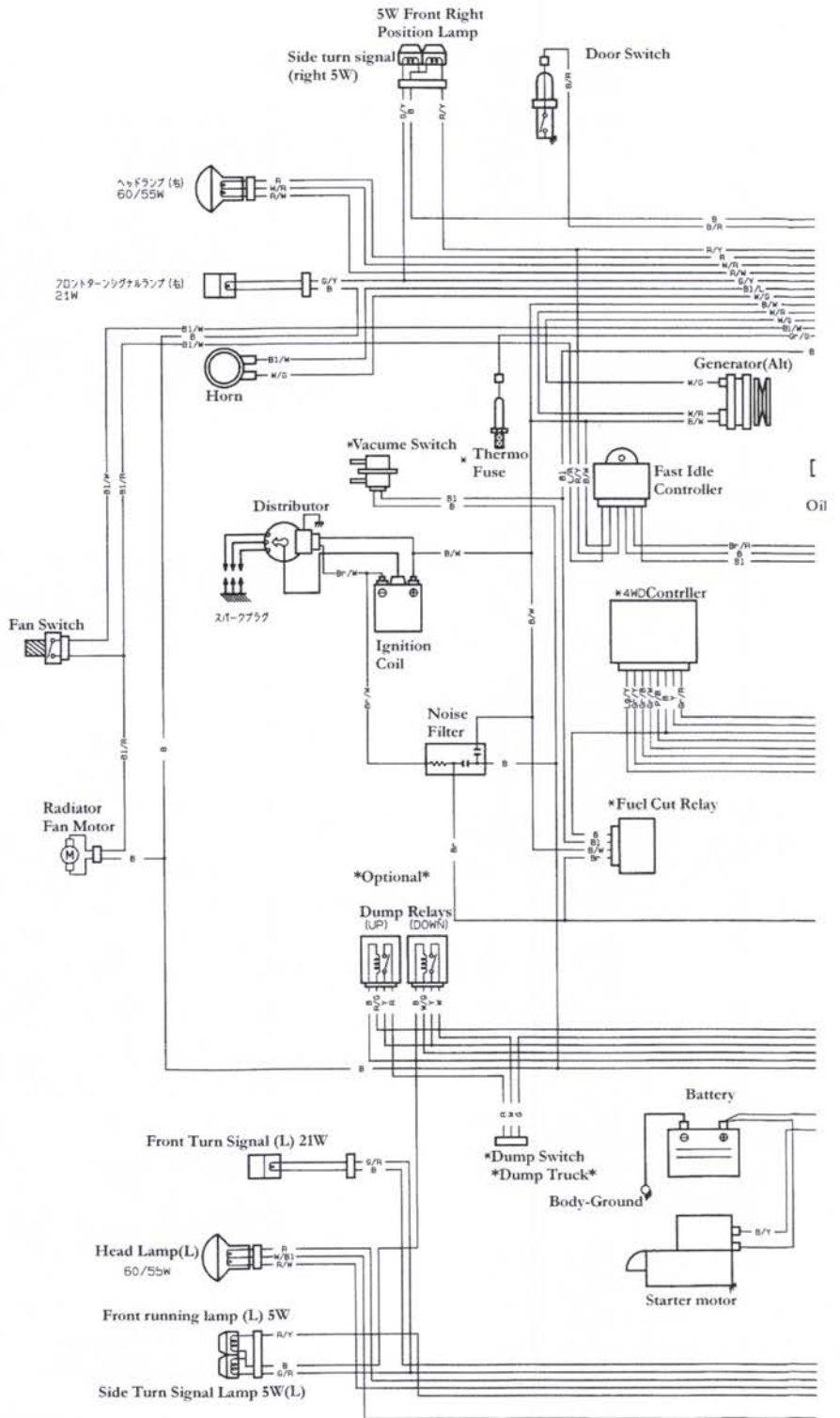
Suzuki Truck: Carbureted Version

Diagram #1

## Color Chart

B	Black
BL	Blue
BP	Brown
G	Green
Gr	Gray
LD1	Light Blue
LG	Light Green
O	Orange
R	Red
W	White
Y	Yellow
P	Peach
V	Purple
B/B1	Black/Blue
B/G	Black/Green
B/R	Black/Red
B/W	Black/White
B/Y	Black/Yellow
B1/B	Blue/Black
B1/G	Blue/Green
B1/R	Blue/Red
B1/W	Blue/White
B1/Y	Blue/Yellow
B/B	Brown/Black
B/R	Brown/Red
B/W	Brown/White
B/Y	Brown/Yellow
G/B	Green/Black
G/B1	Green/Blue
G/R	Green/Red
G/W	Green/White
G/Y	Green/Yellow
Gr/B	Gray/Black
Gr/W	Gray/White
Gr/R	Gray/Red
Gr/Y	Gray/Yellow
LG/B	Light Green/Black
LG/R	Light Green/Red
LG/W	Light Green/White
LG/Y	Light Green/Yellow
O/B	Orange/Black
O/B1	Orange/Blue
O/G	Orange/Green
O/R	Orange/Red
O/W	Orange/White
O/Y	Orange/Yellow
P/B	Peach/Black
P/B1	Peach/Blue
P/G	Peach/Green
V/G	Purple/Green
V/W	Purple/White
V/Y	Purple/Yellow
R/B	Red/Black
R/B1	Red/Blue
R/G	Red/Green
R/W	Red/White
R/Y	Red/Yellow
W/B	White/Black
W/B1	White/Blue
W/G	White/Green
W/R	White/Red
W/Y	White/Yellow
Y/B	Yellow/Black
Y/B1	Yellow/Blue
Y/G	Yellow/Green
Y/R	Yellow/Red
Y/W	Yellow/White

\*Optional Equipment\*

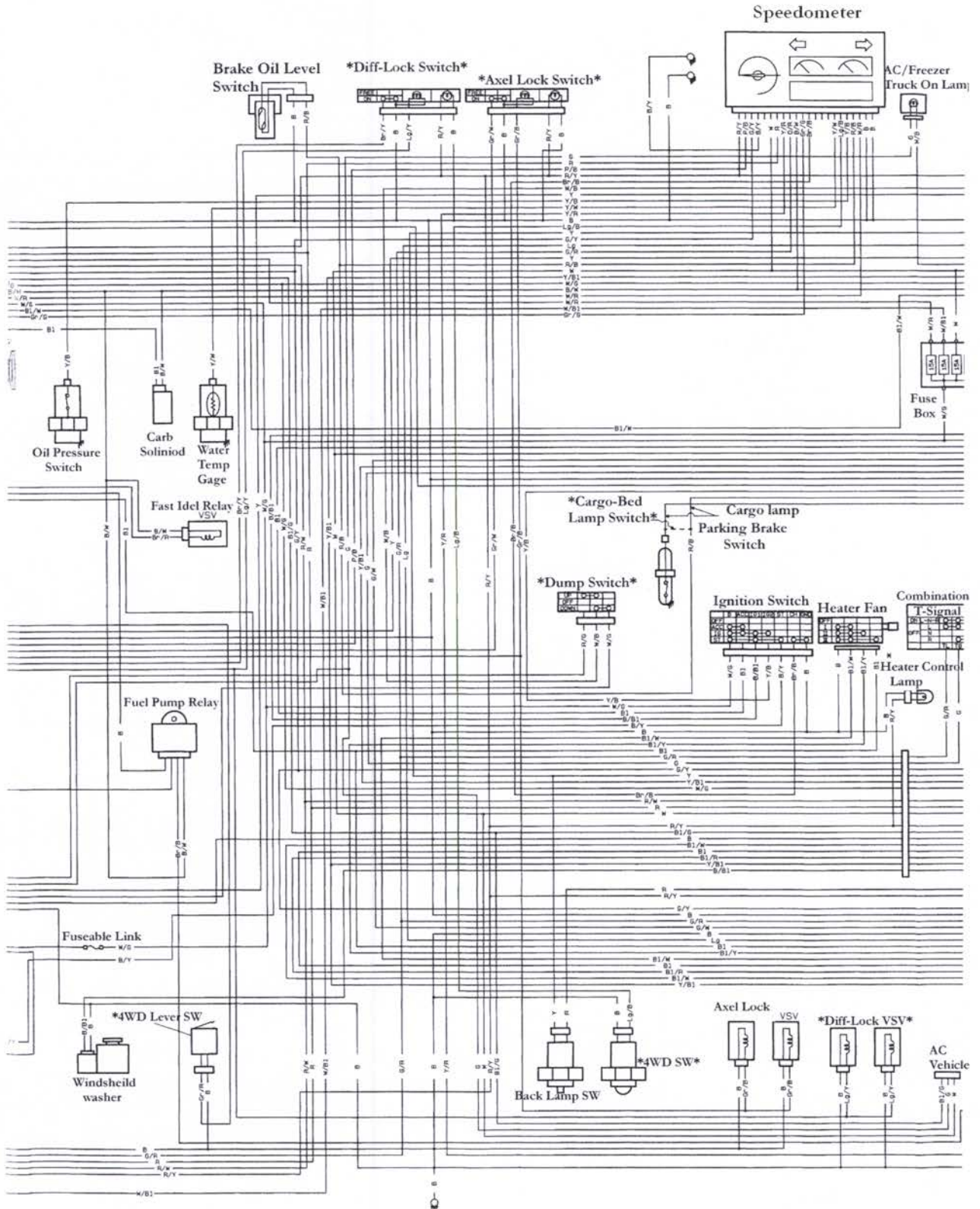




# Suzuki Electrical Diagram

Suzuki Truck: Carbureted Version

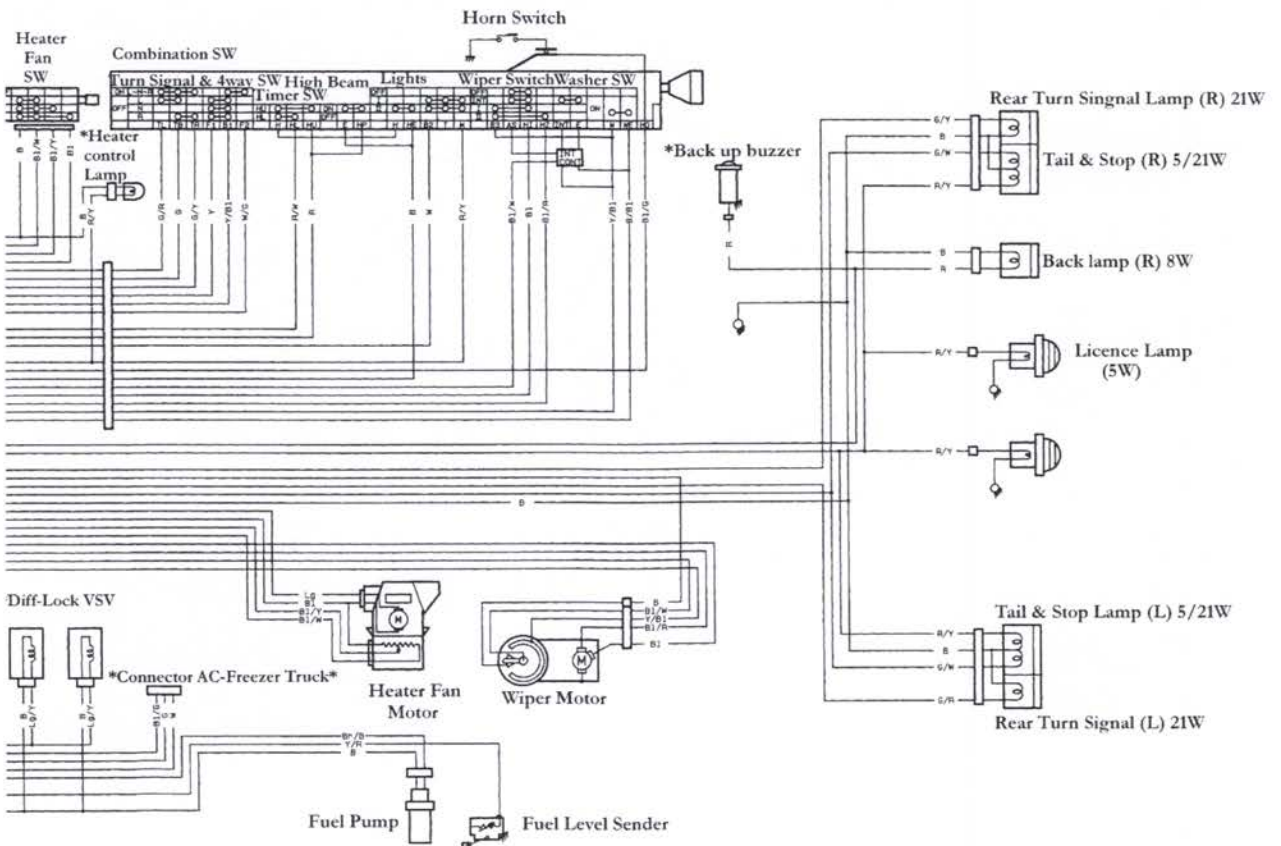
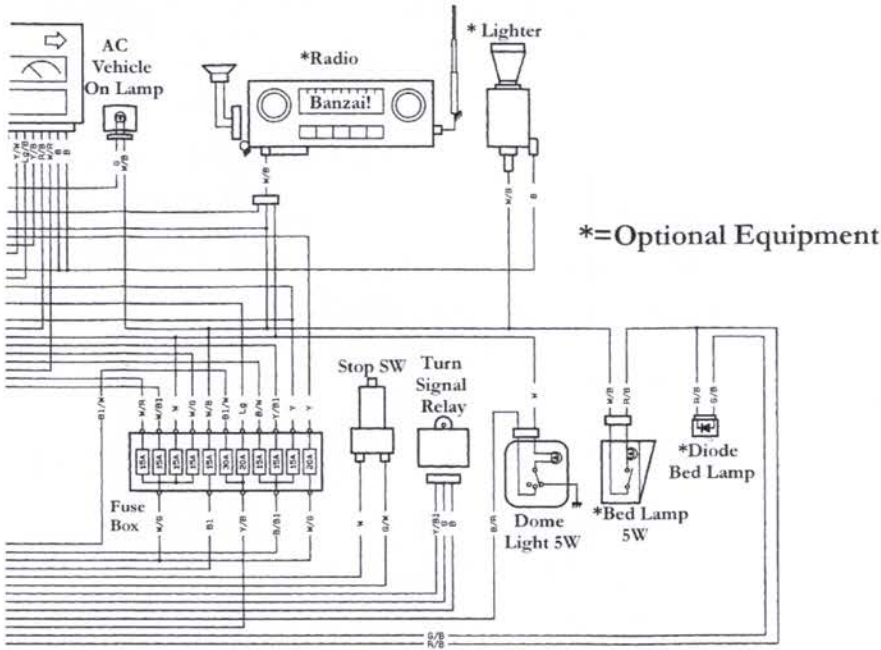
Diagram #2



# Suzuki Electrical Diagram

Suzuki Truck: Carbureted Version

Diagram #3



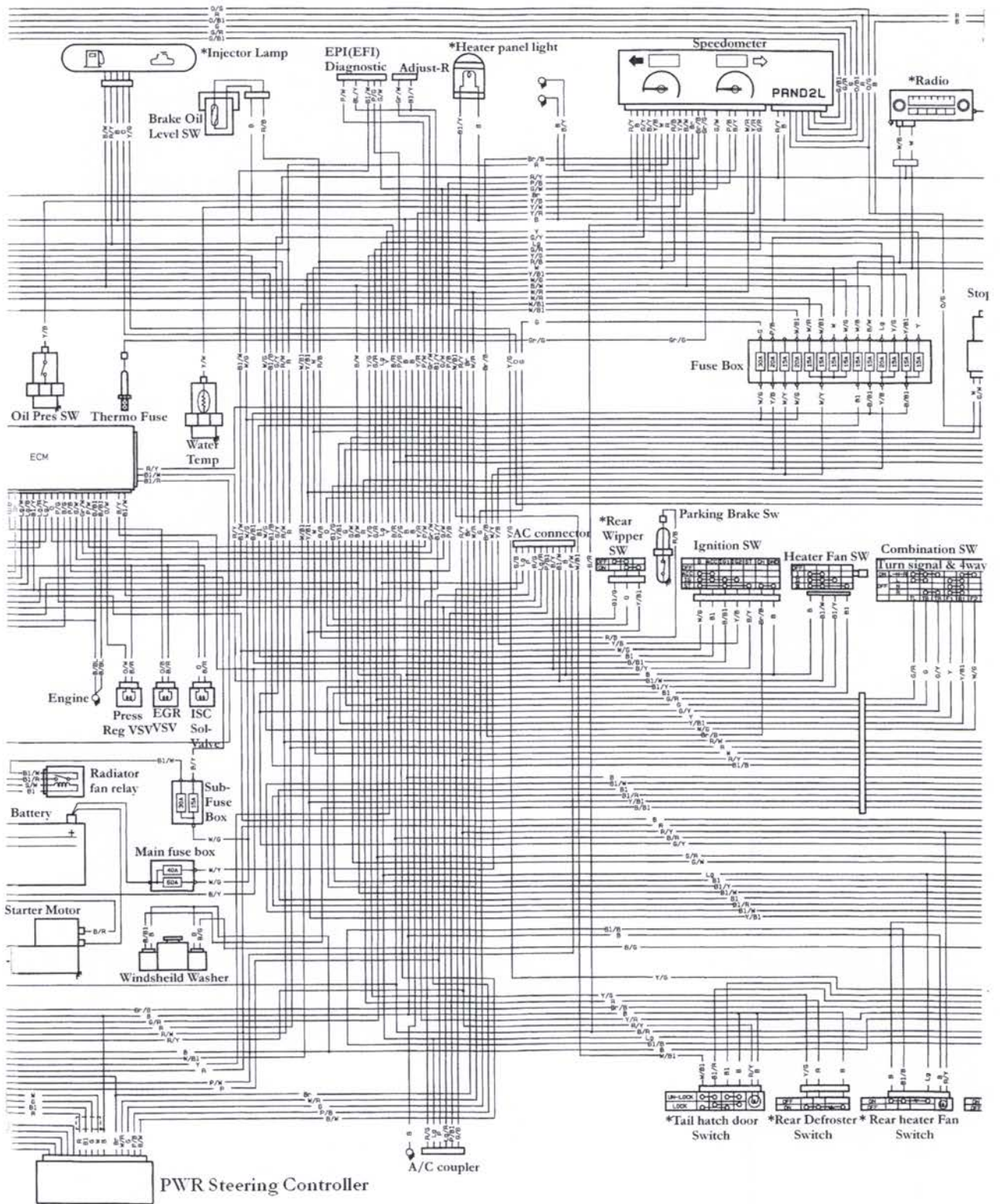




# Suzuki Electrical Diagram

Suzuki Van EFI AT Version

Diagram #2

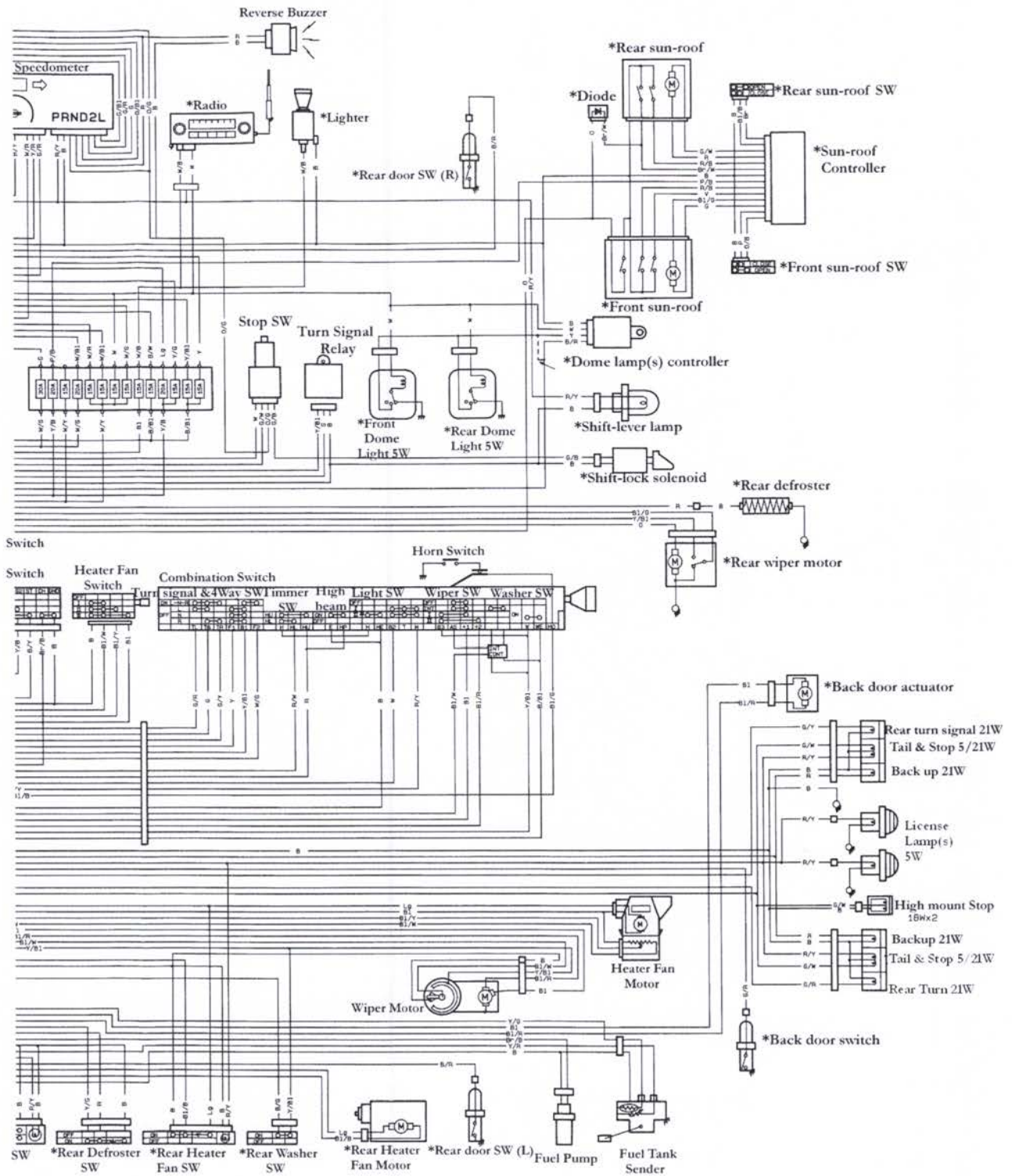




# Suzuki Electrical Diagram

Suzuki Van EFI AT Version

Diagram #3



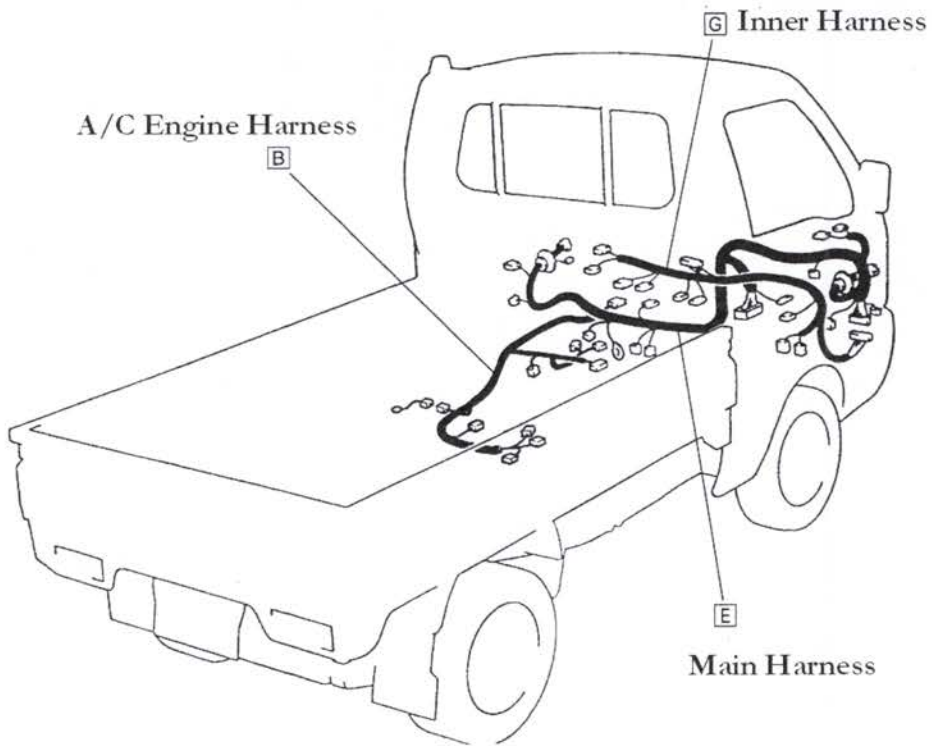
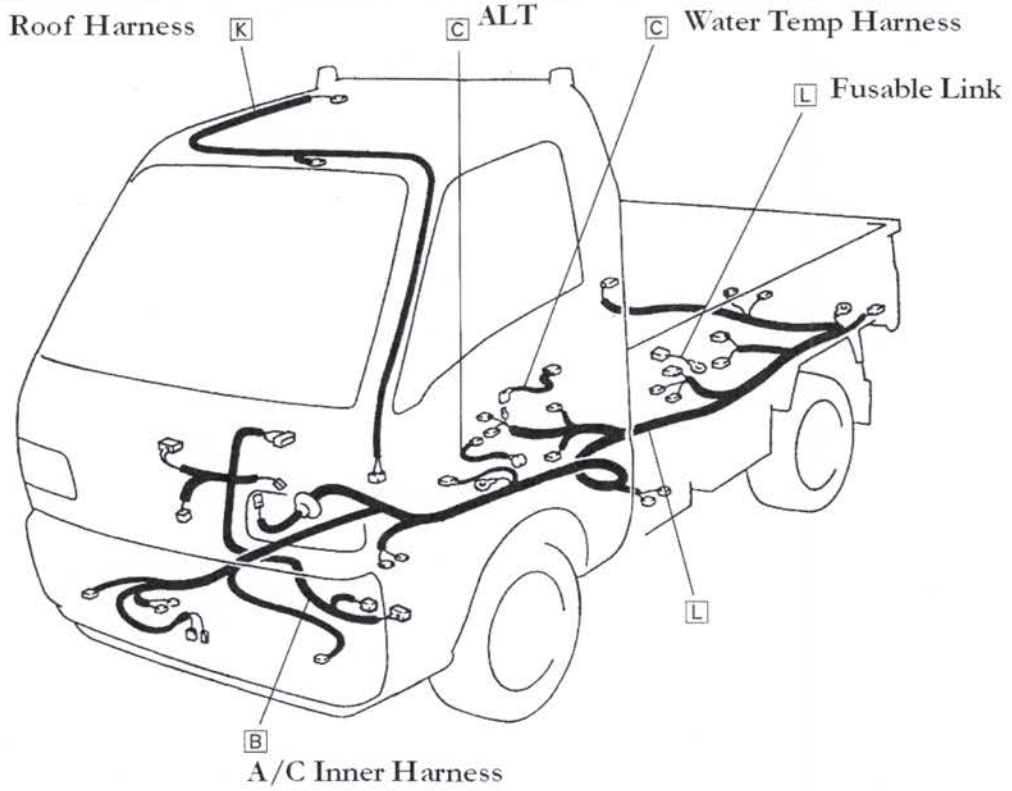
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- Truck Main Harness Diagram 2
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- Truck Main Harness Diagram 4
- Truck-Van Dash Harness Diagram 1
- Truck-Van Dash Harness Diagram 2
- Van Main Harness Diagram 1
- Van Main Harness Diagram 1
- Van Main Harness Diagram 1

# Suzuki Electrical Diagrams

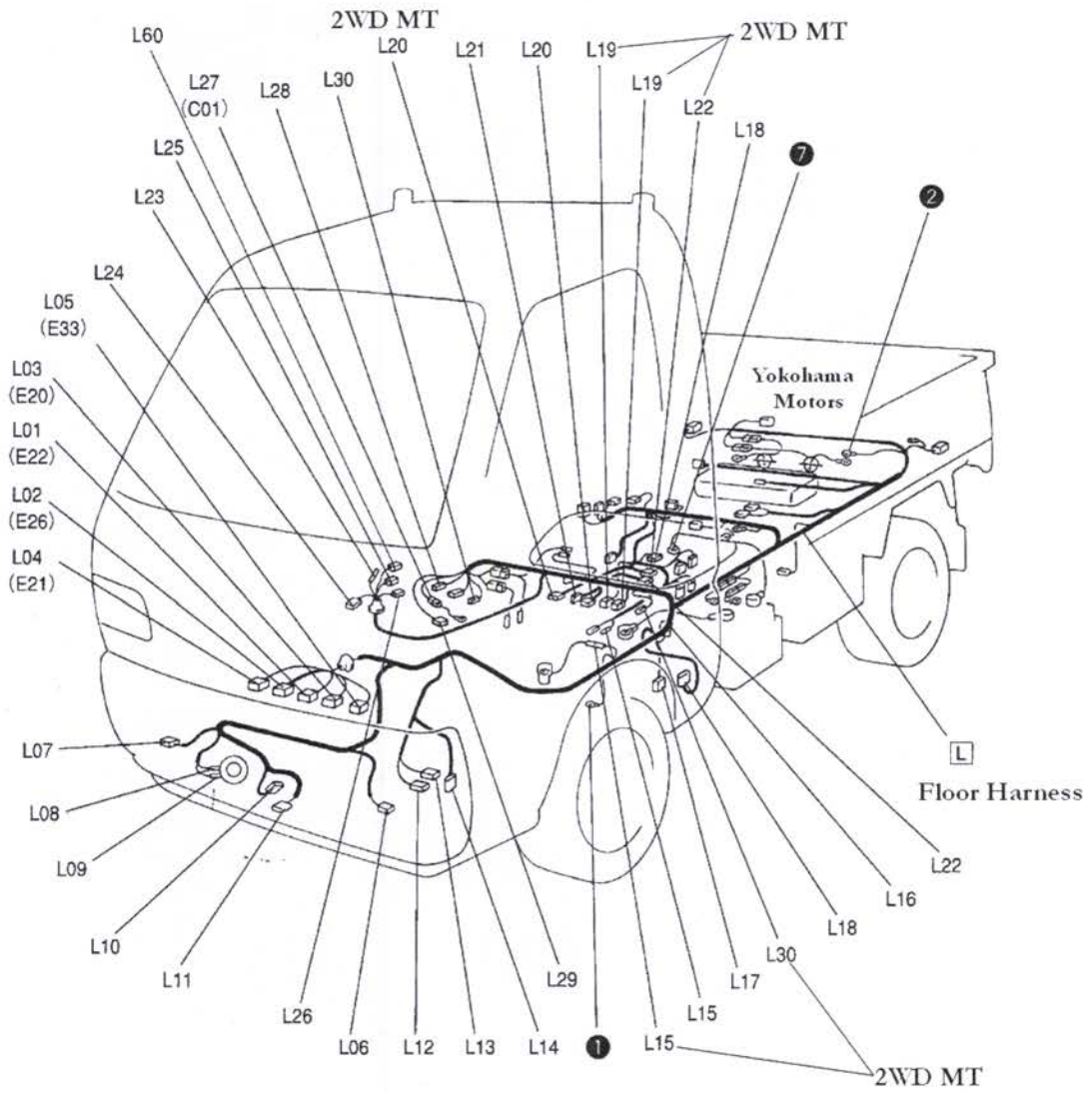
## Harness Location



# Suzuki Electrical Diagrams

## Harness Conector Location

[L]

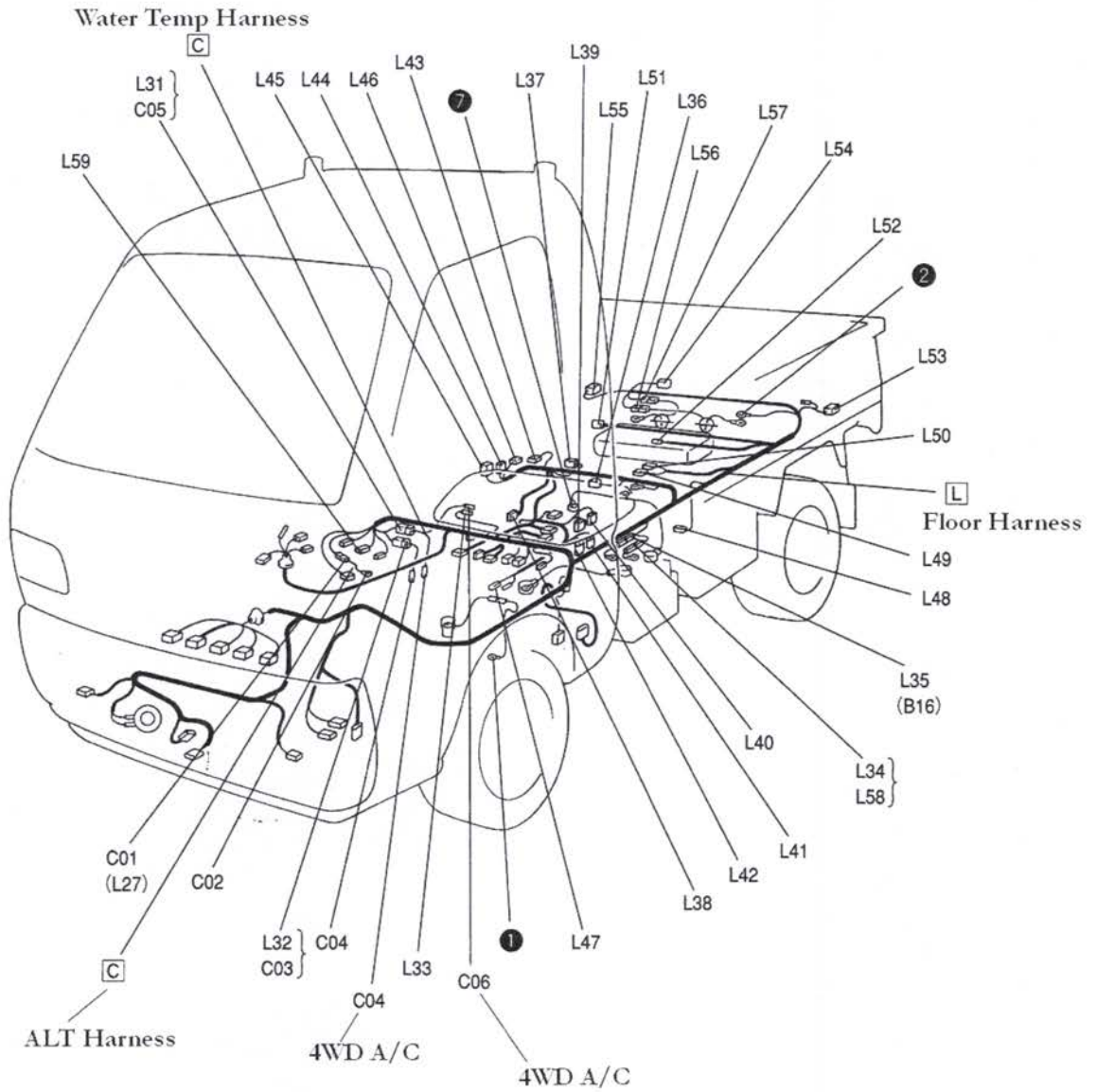




# Suzuki Electrical Diagrams

## Harness & Connector Location

L&C

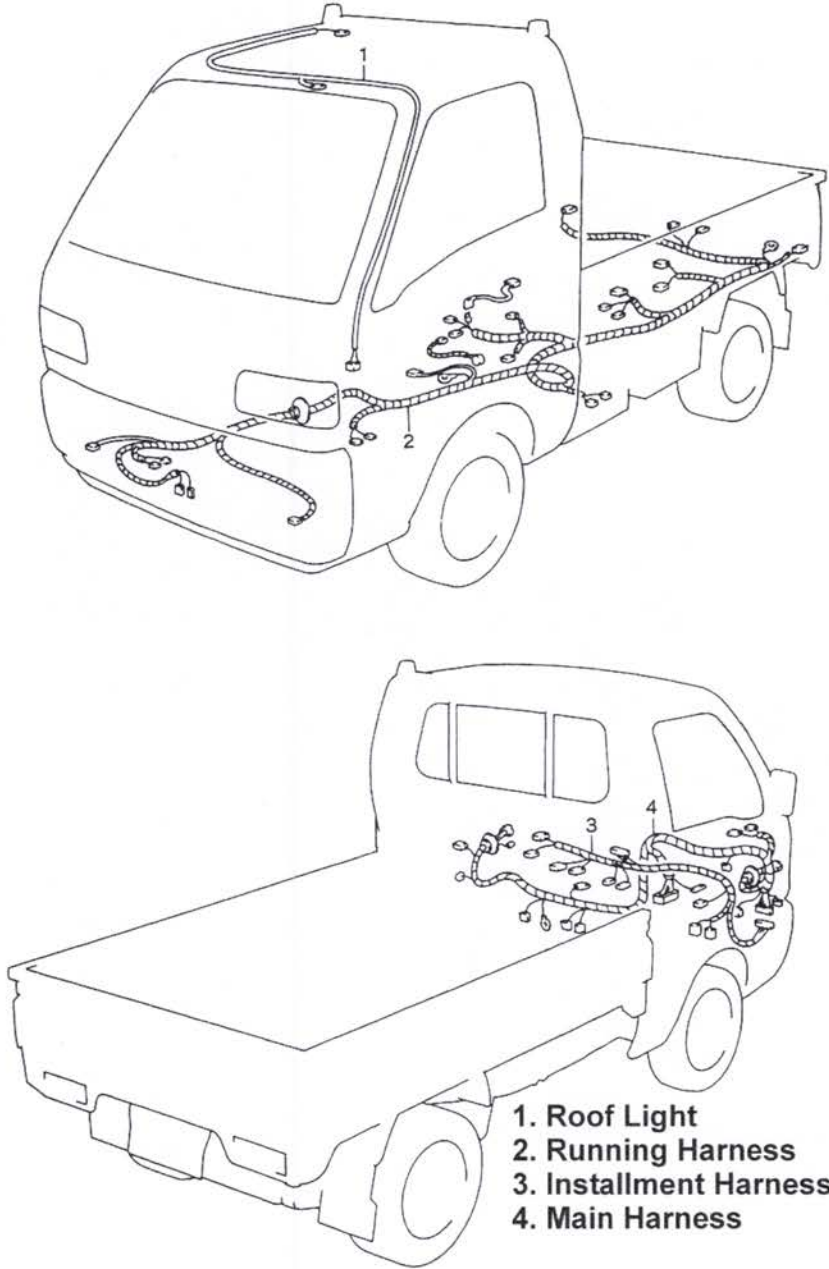


# Suzuki Electrical Diagram

Harness Location

Truck

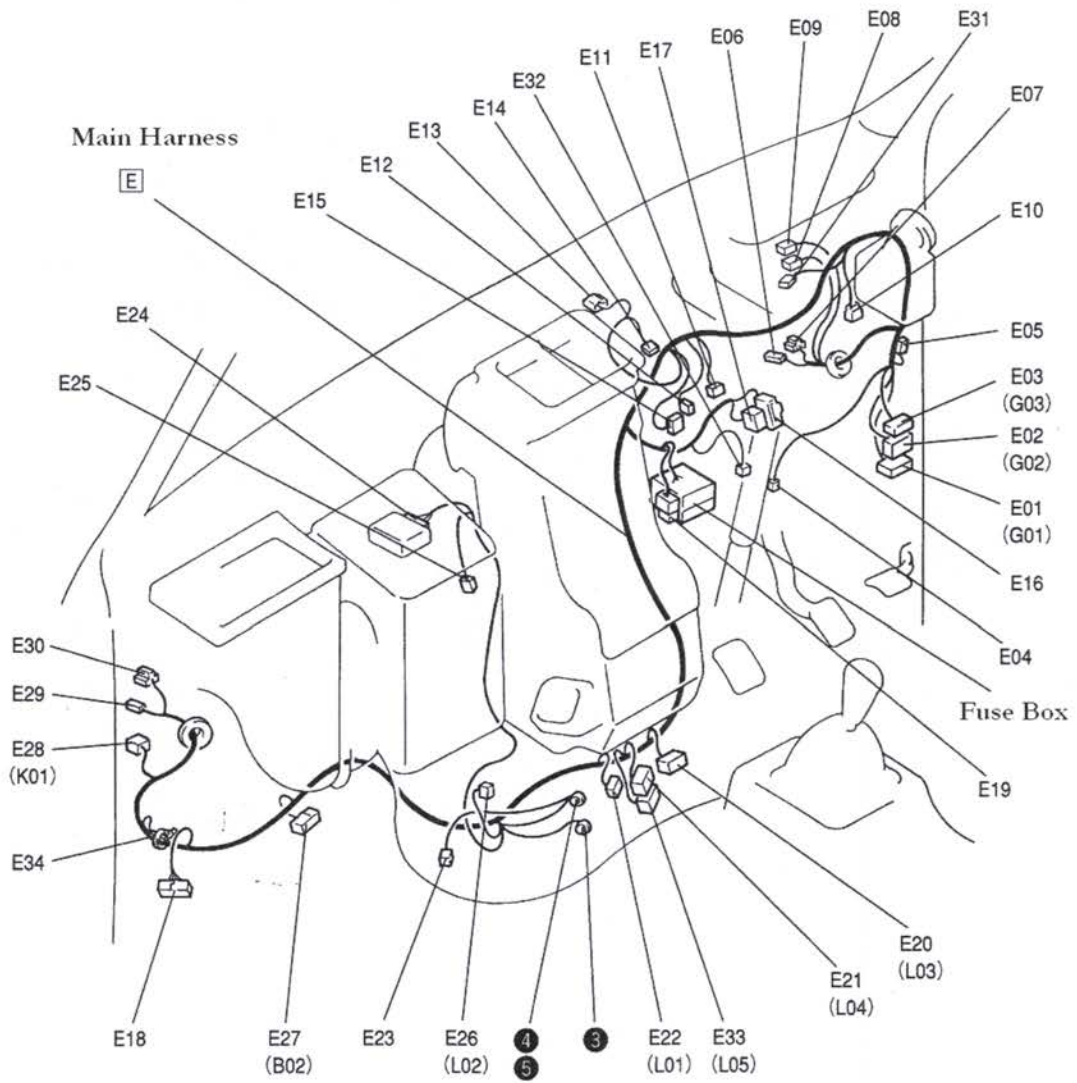
Truck



# Suzuki Electrical Diagram

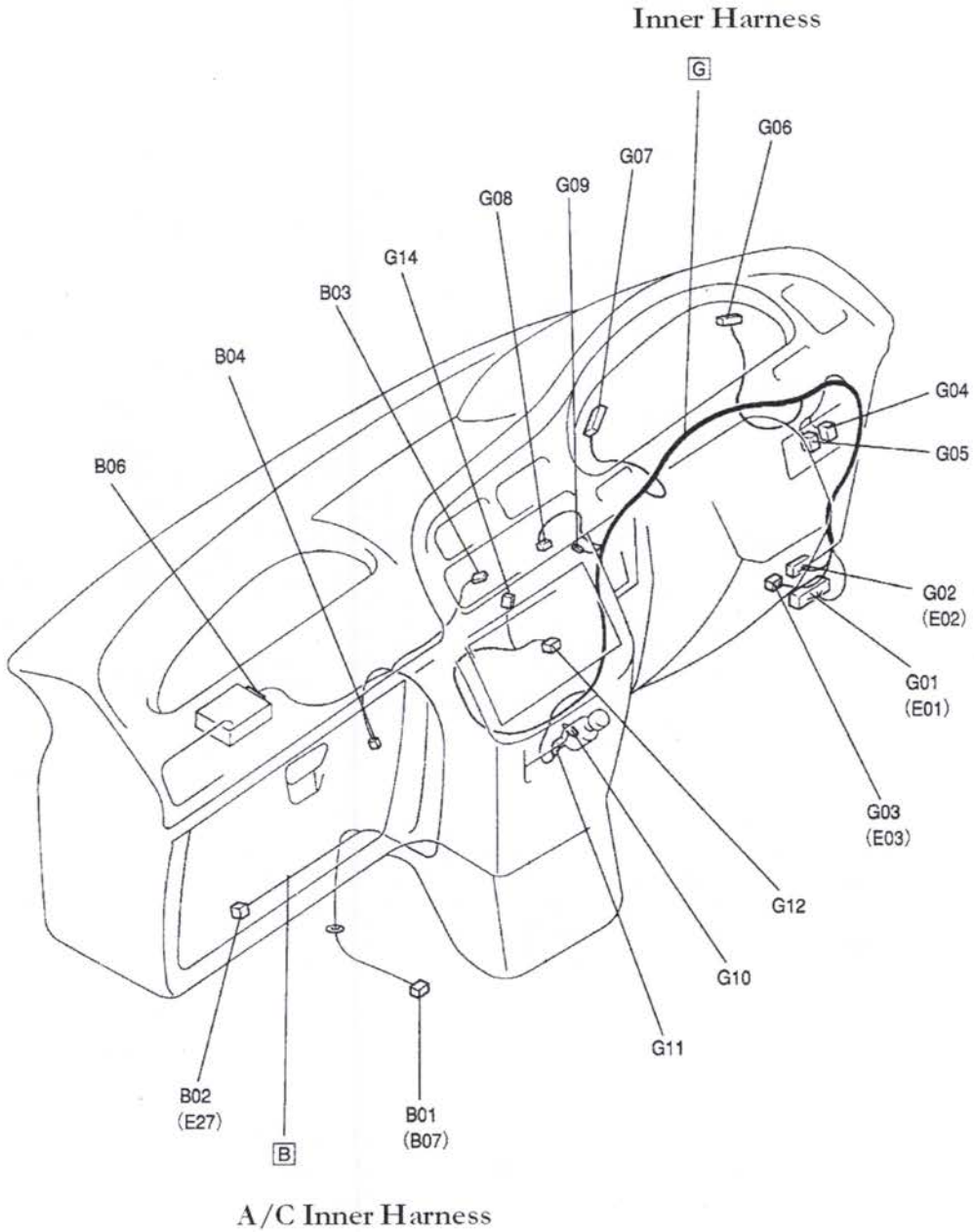
## Harness & Connector Location

E&G



# Suzuki Electric Diagrams

## Harness Connector Location

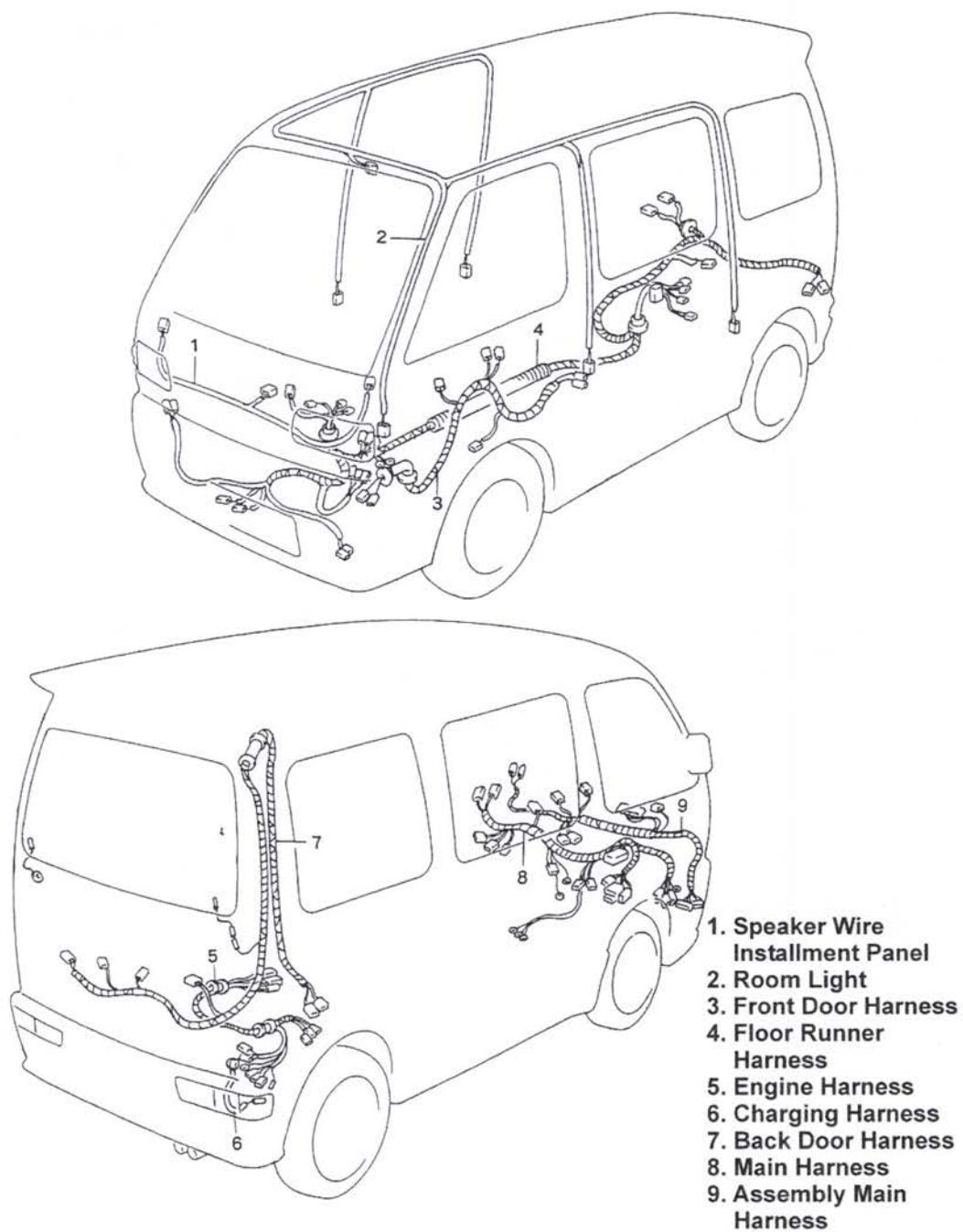


# Suzuki Electrical Diagram

## Main Harness Location

Van

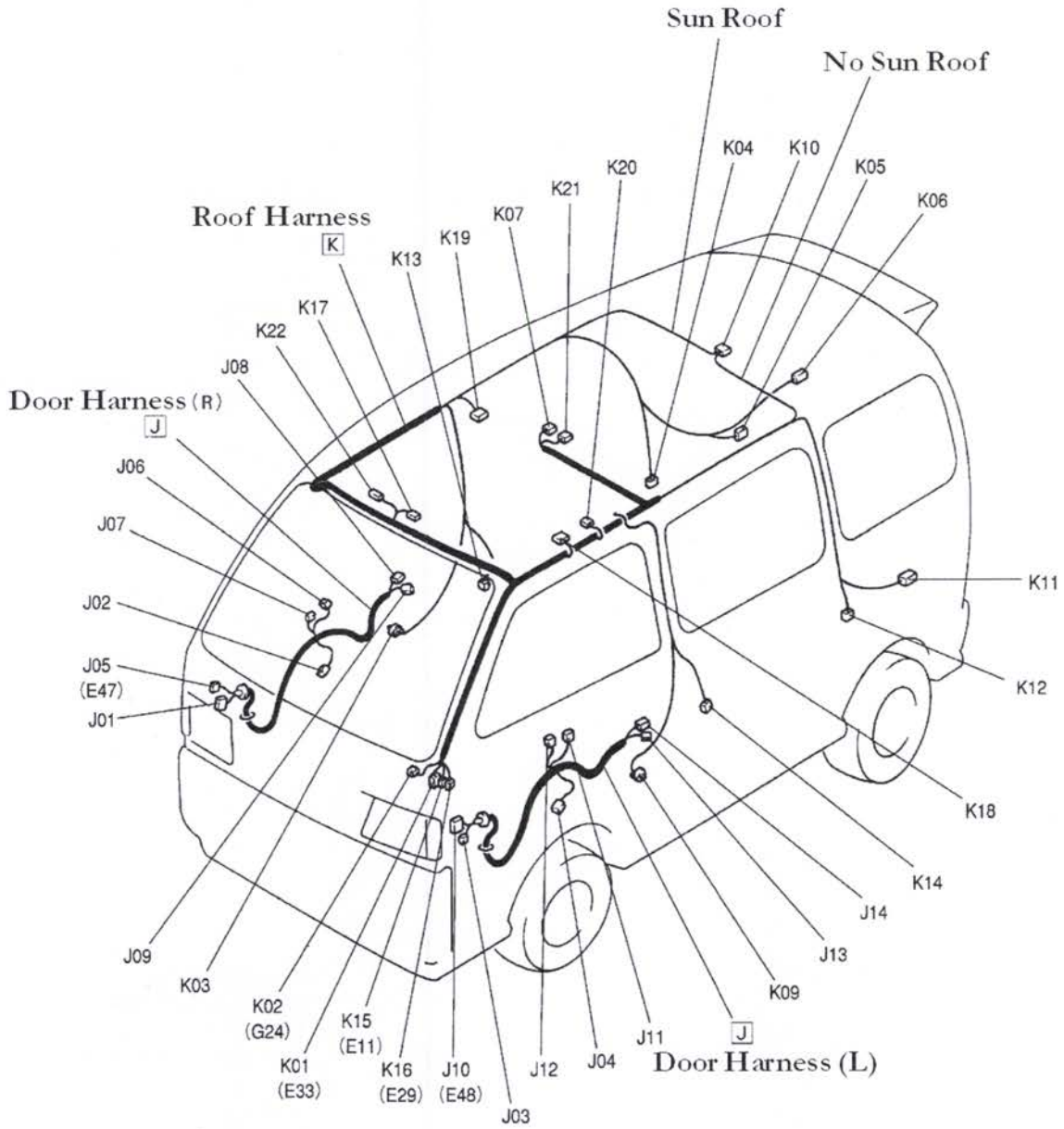
**VAN**





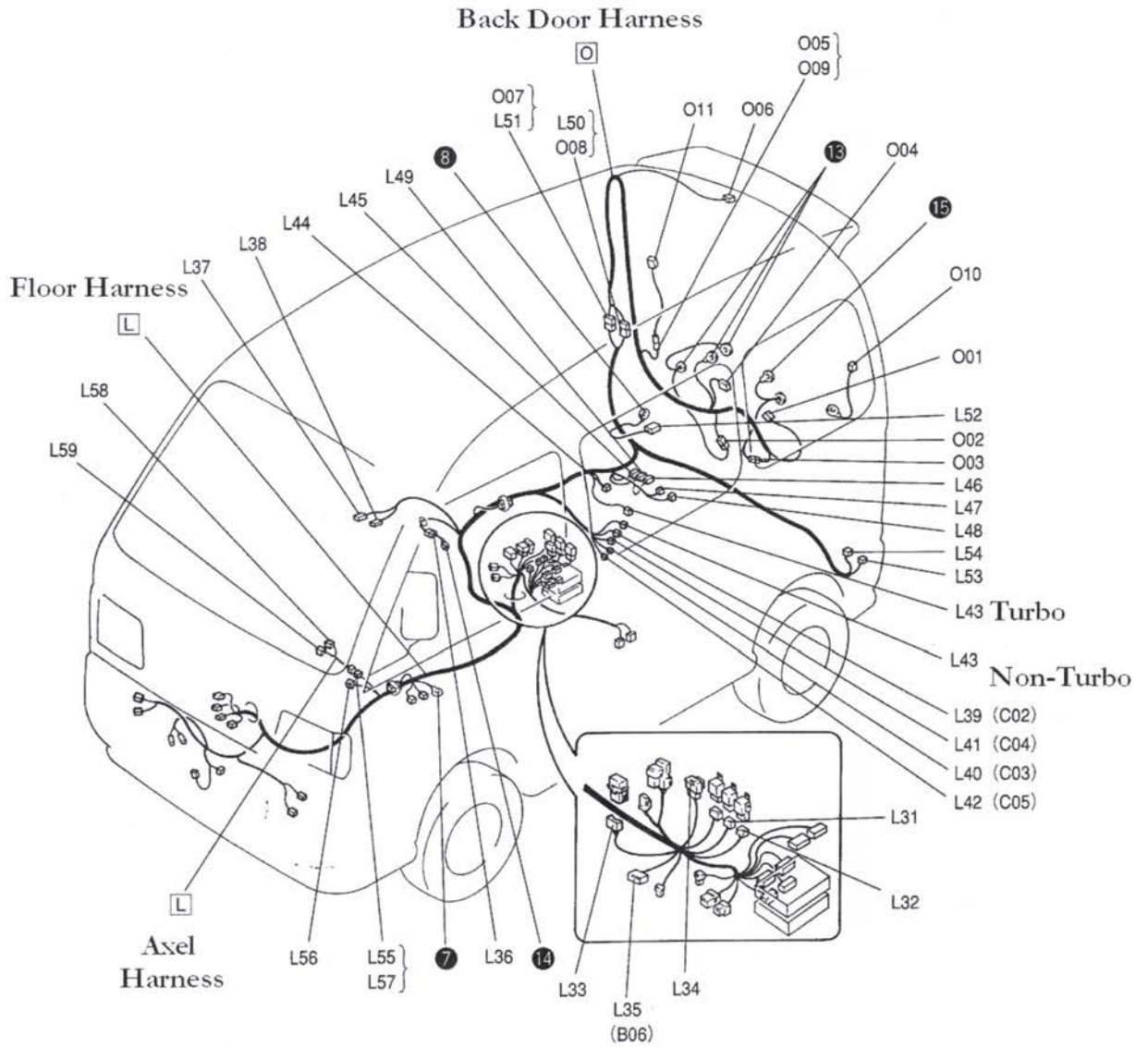
# Suzuki Electrical Diagram

## Van Main Harness 7 Connector Locations Part 2



# Suzuki Electrical Diagrams

## Van Main Harness & Connector Locations Part 1

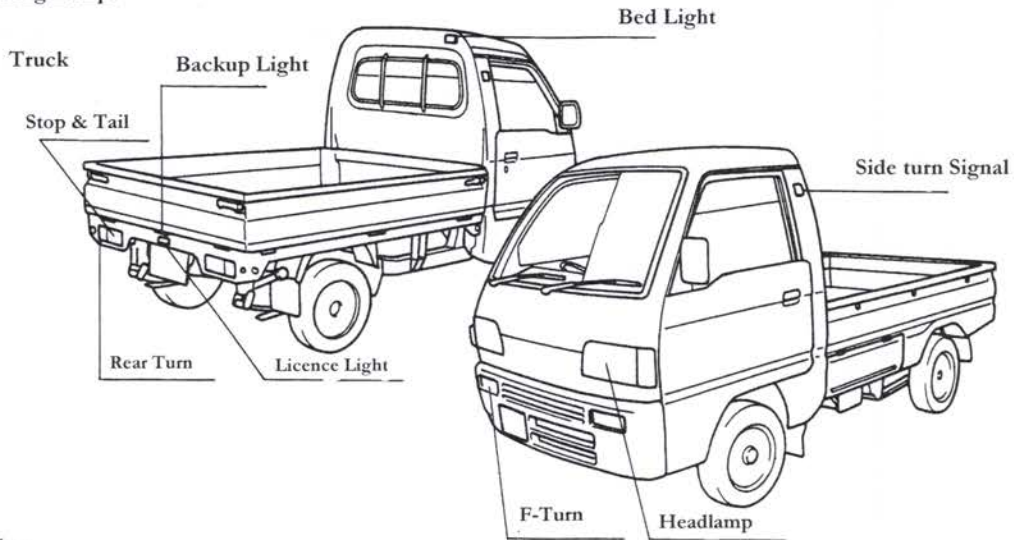


## Section 3

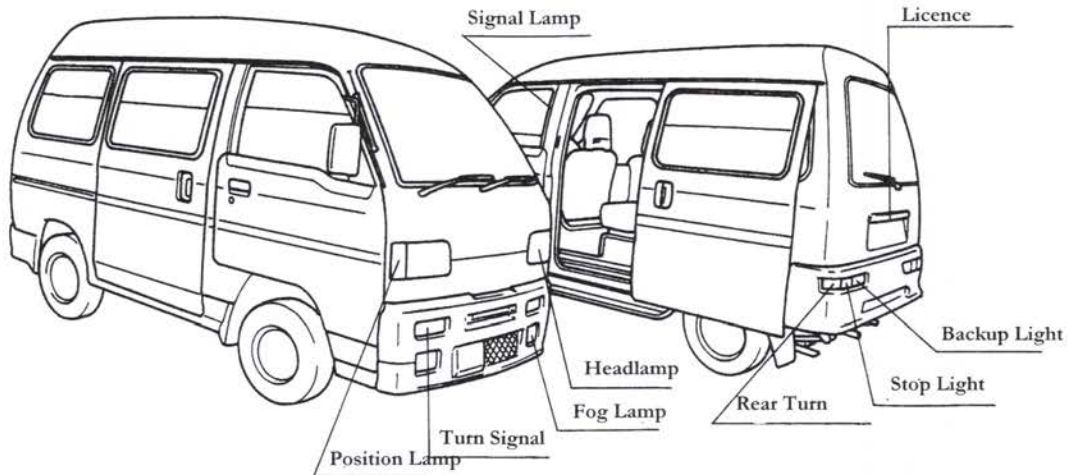
- Body Electrical Lights and Wattage
- Positioning Lamps, Tail Lamps & License Lamp Circuits Part 1
- Positioning Lamps, Tail Lamps & License Lamp Circuits Part 2
- Headlamp Circuits
- Stop Lamp Circuit
- Turn Signal & Hazard Circuits
- Backup Lamp Circuit
- Dome Lamp

## Body Electrical Light System

### Running Lamps



### Van

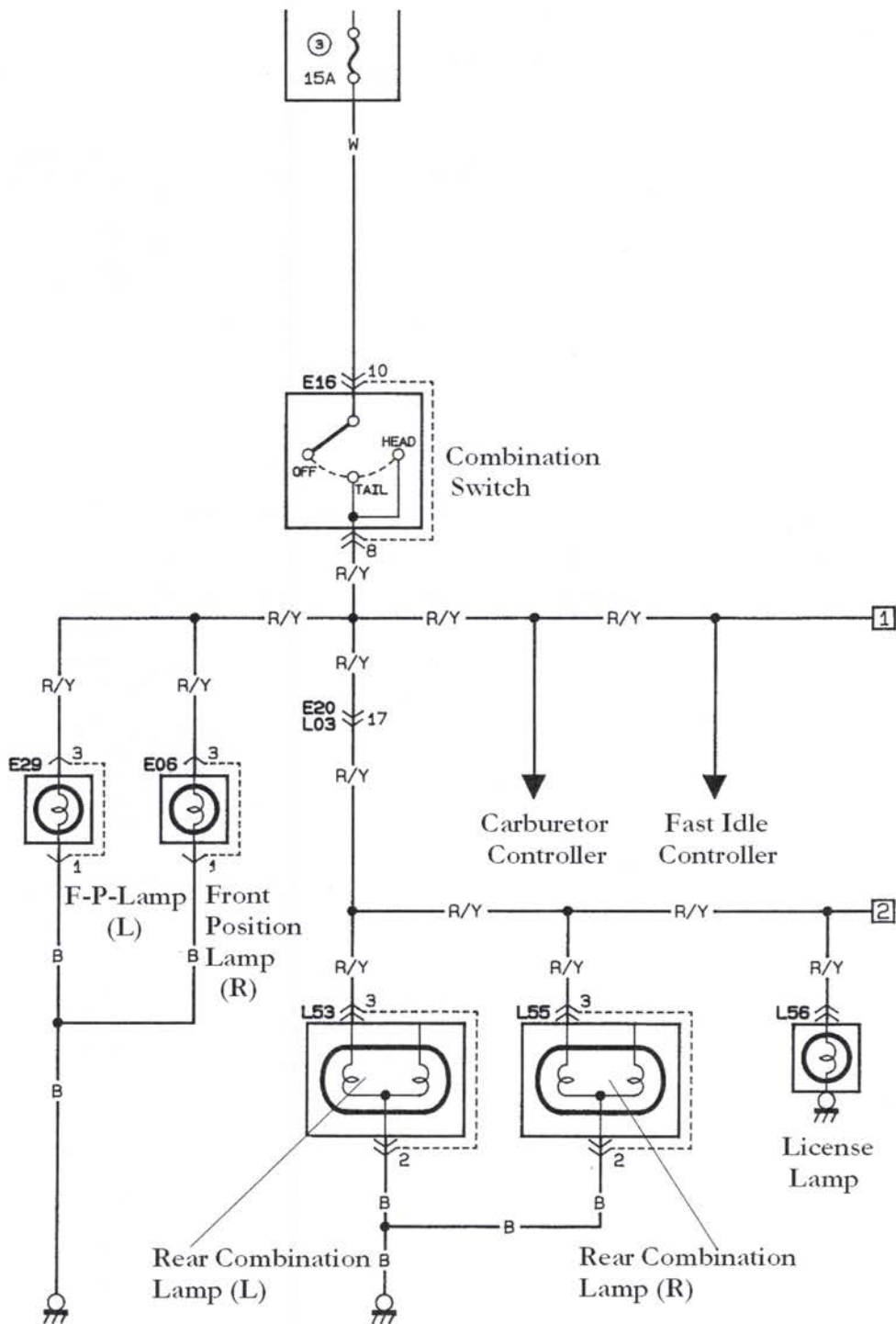


Lamp Name	Wattage
Head Lamp	60/50W White
	60/55W Halogen
Fog Lamp	35W
Front & Side Turn Signal	21W/5W
Position Lamps	5W
Tail Lamps	5W
Stop Lamps	21W
Rear Turn Signal	21W
Licence plate light	5W
Dome Light	5W
Back Lamp	8W Carry 21W × 2 Every
Truck bed lamp	5W
High Mounted Stoplamp	18W × 2

# Suzuki Electrical Diagrams

## Positioning Lamps, Tail Lamps & License lamp Part 1

Part 1

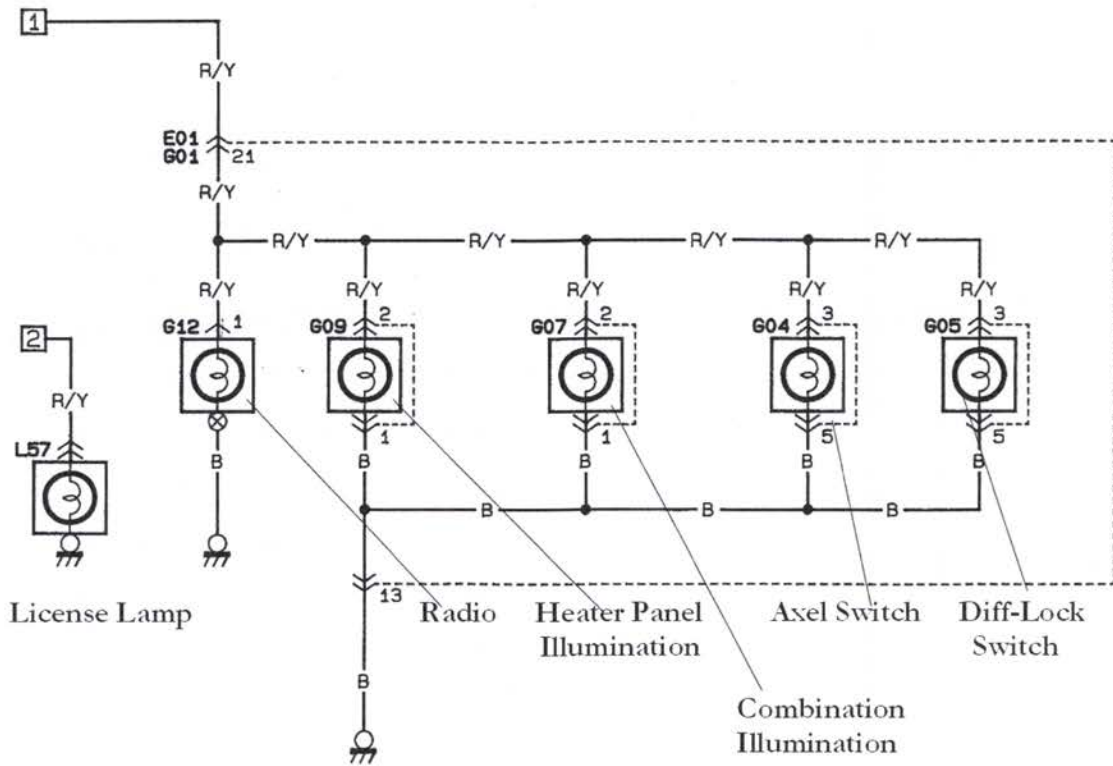




# Suzuki Electrical Diagrams

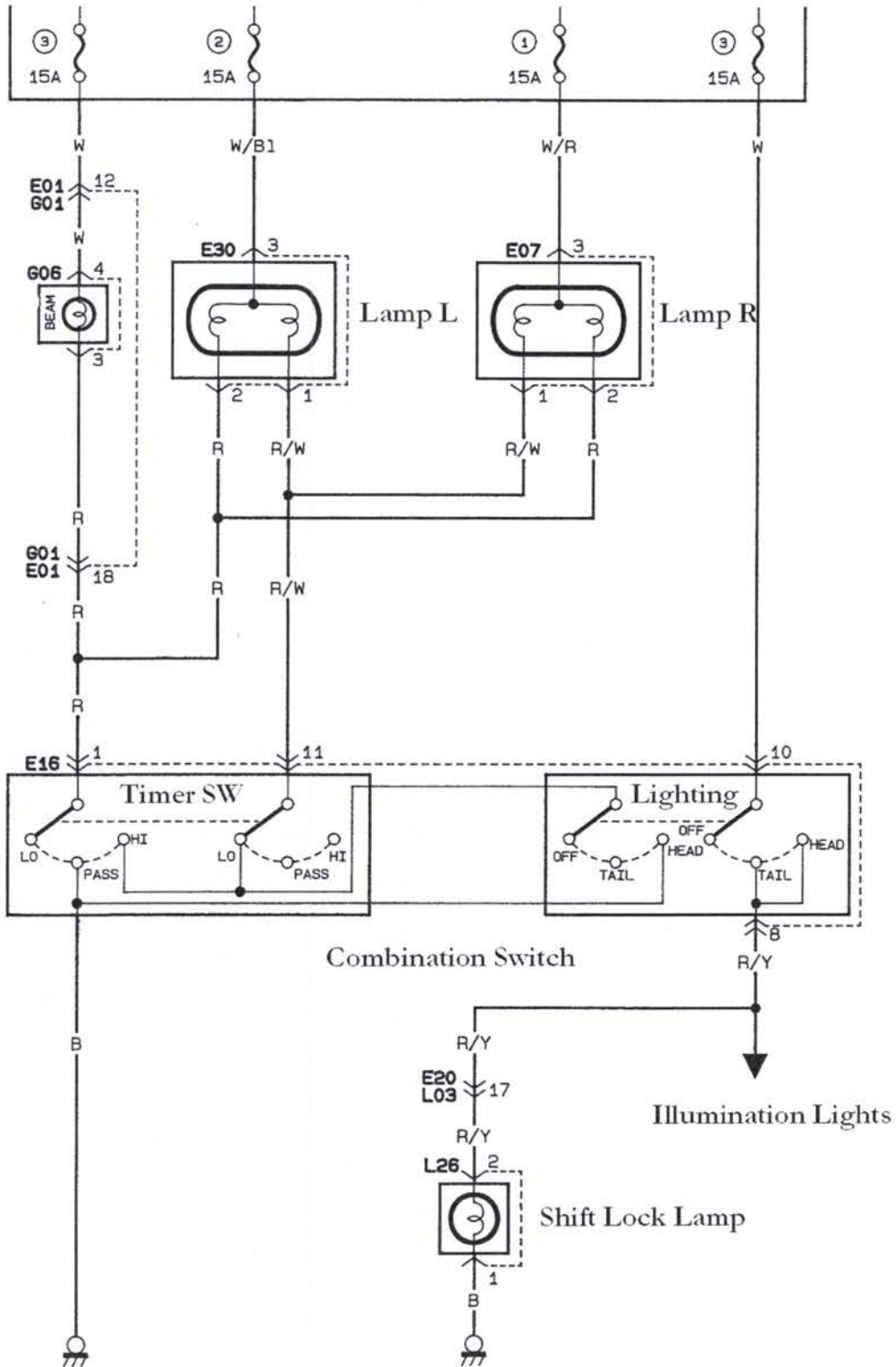
## Positioning Lamps, Tail Lamps & License lamp Part 2

Part 2



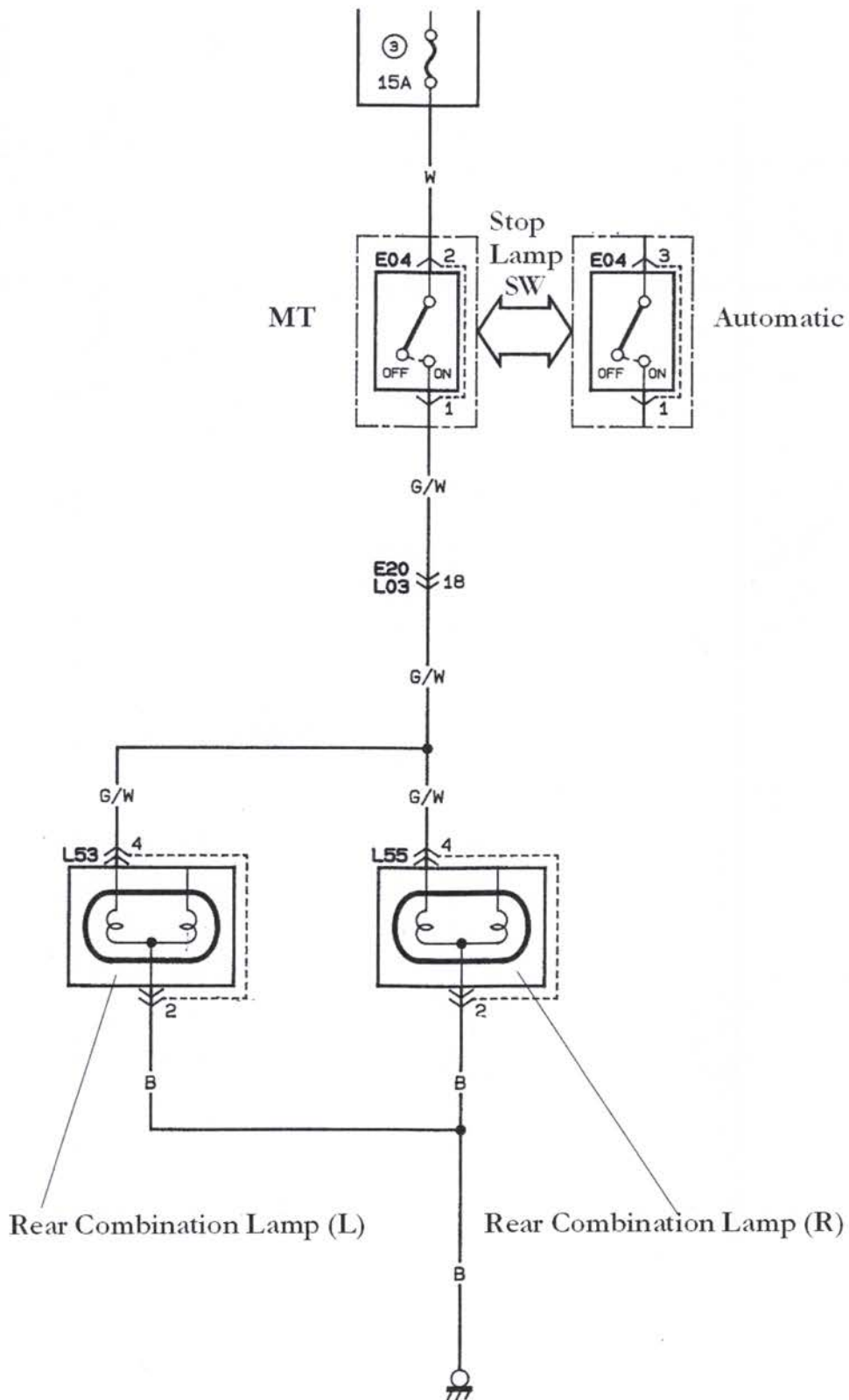
# Suzuki Electrical Diagrams

## Headlamp Circuit



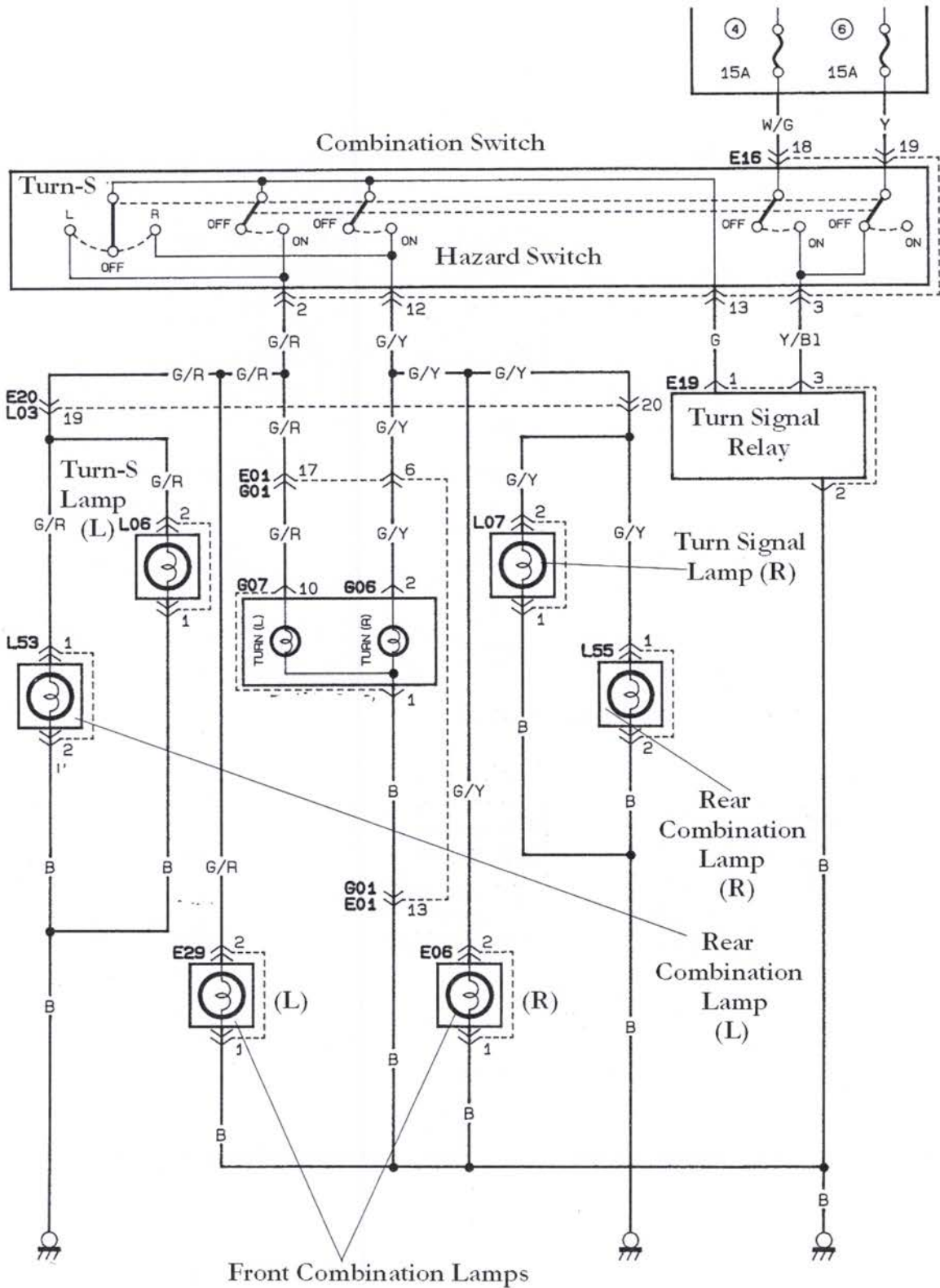
# Suzuki Electrical Diagrams

## Stop Lamp



# Suzuki Electrical Diagrams

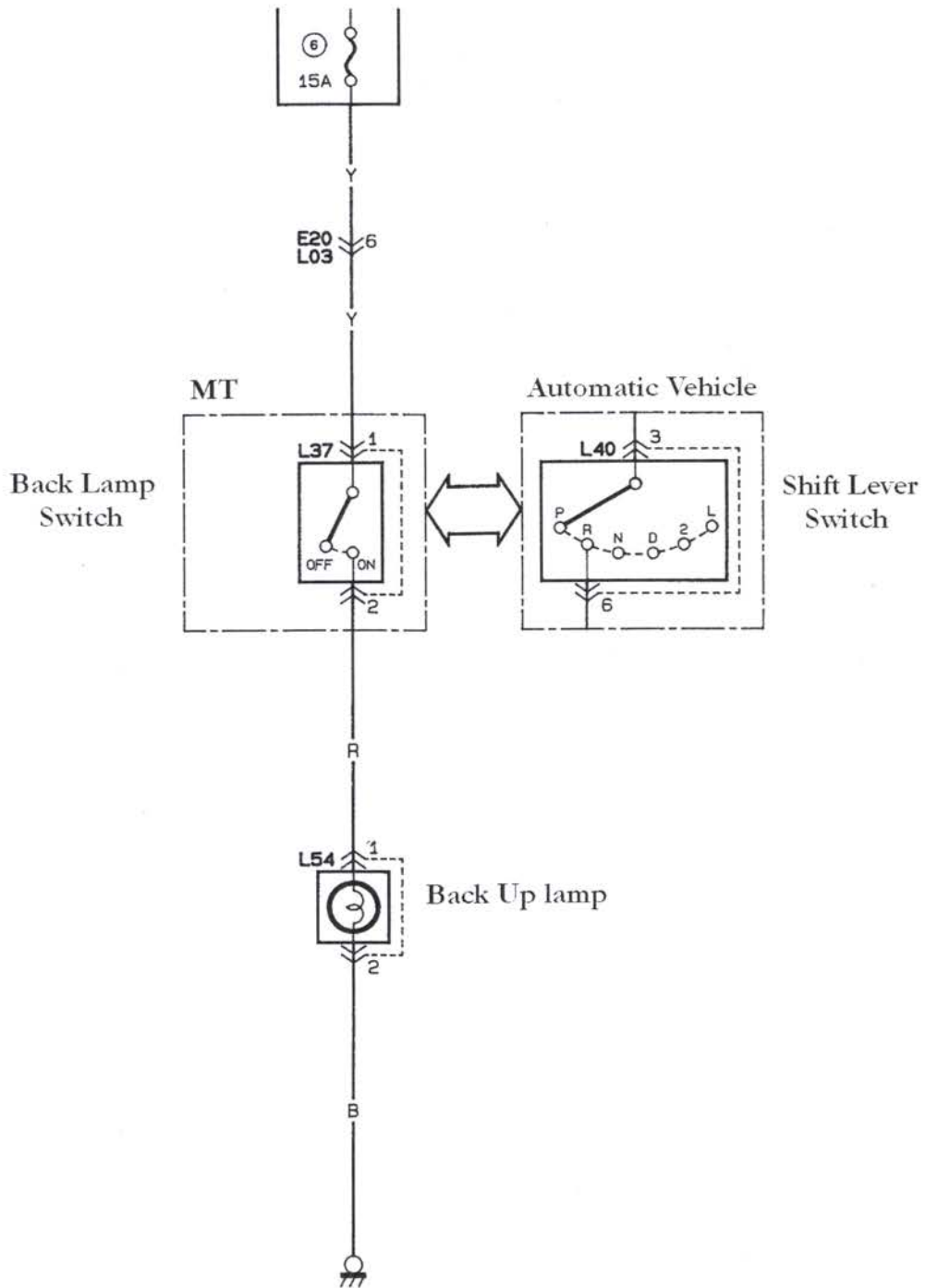
## Turn Signal & Hazard lamps





# Suzuki Electrical Diagram

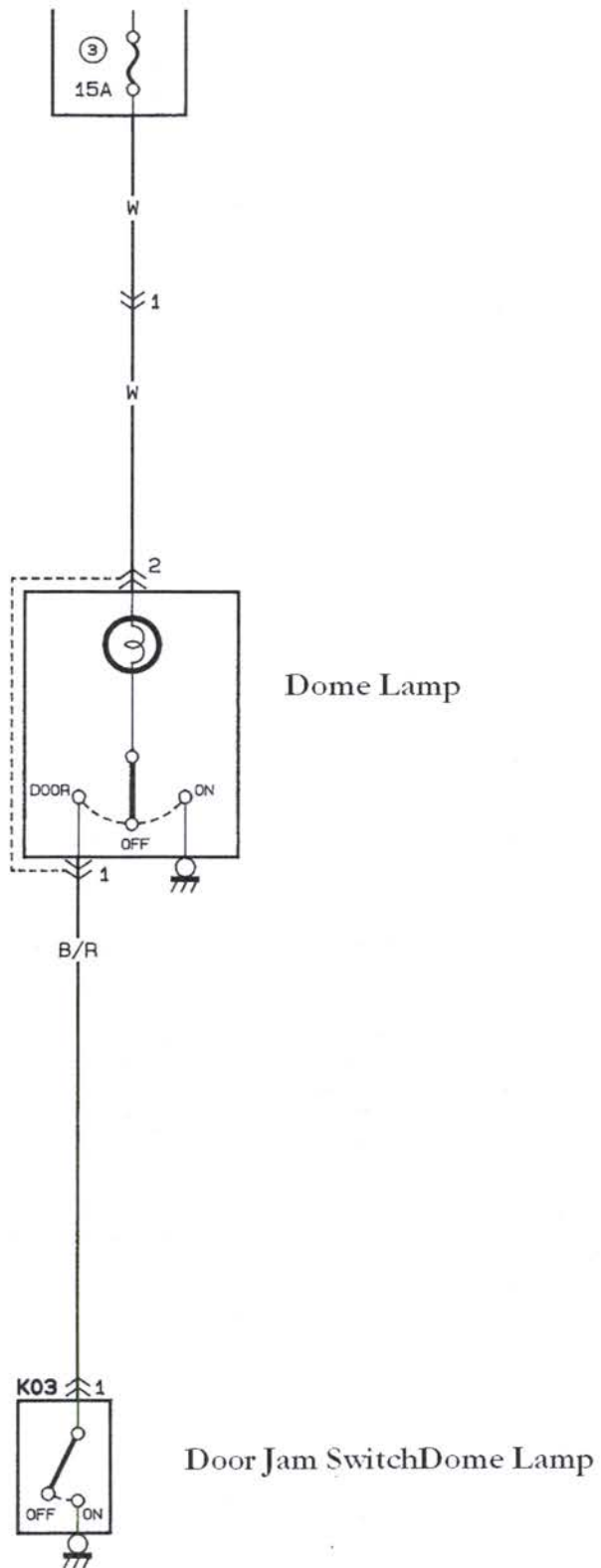
## Back Up Lamp Circuit



# Suzuki Electrical Diagrams

## Dome Lamp Circuit

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## Section 4

### Engine & Fuel System Diagrams

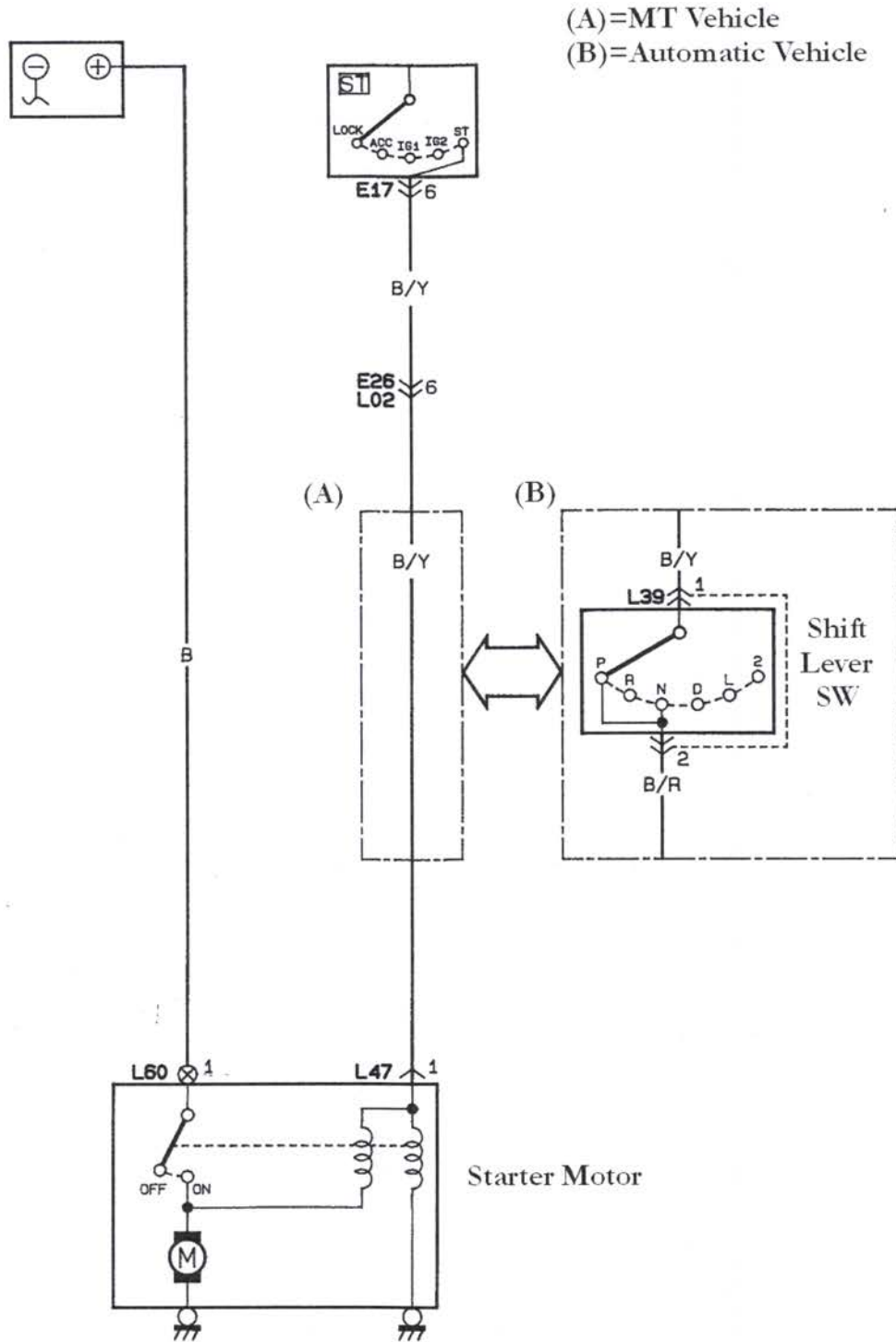
- Starter Circuit
- Charging System Circuit
- Cooling Fan
- Carbureted Engine Harness
- EFI Engine Harness
- Turbocharged Engine Harness
- Fuel Injection Ignition Circuit
- Carbureted Ignition Circuit
- Fuel Pump: MT Vehicle
- Fuel Pump: AT Vehicle





# Suzuki Electrical Diagram

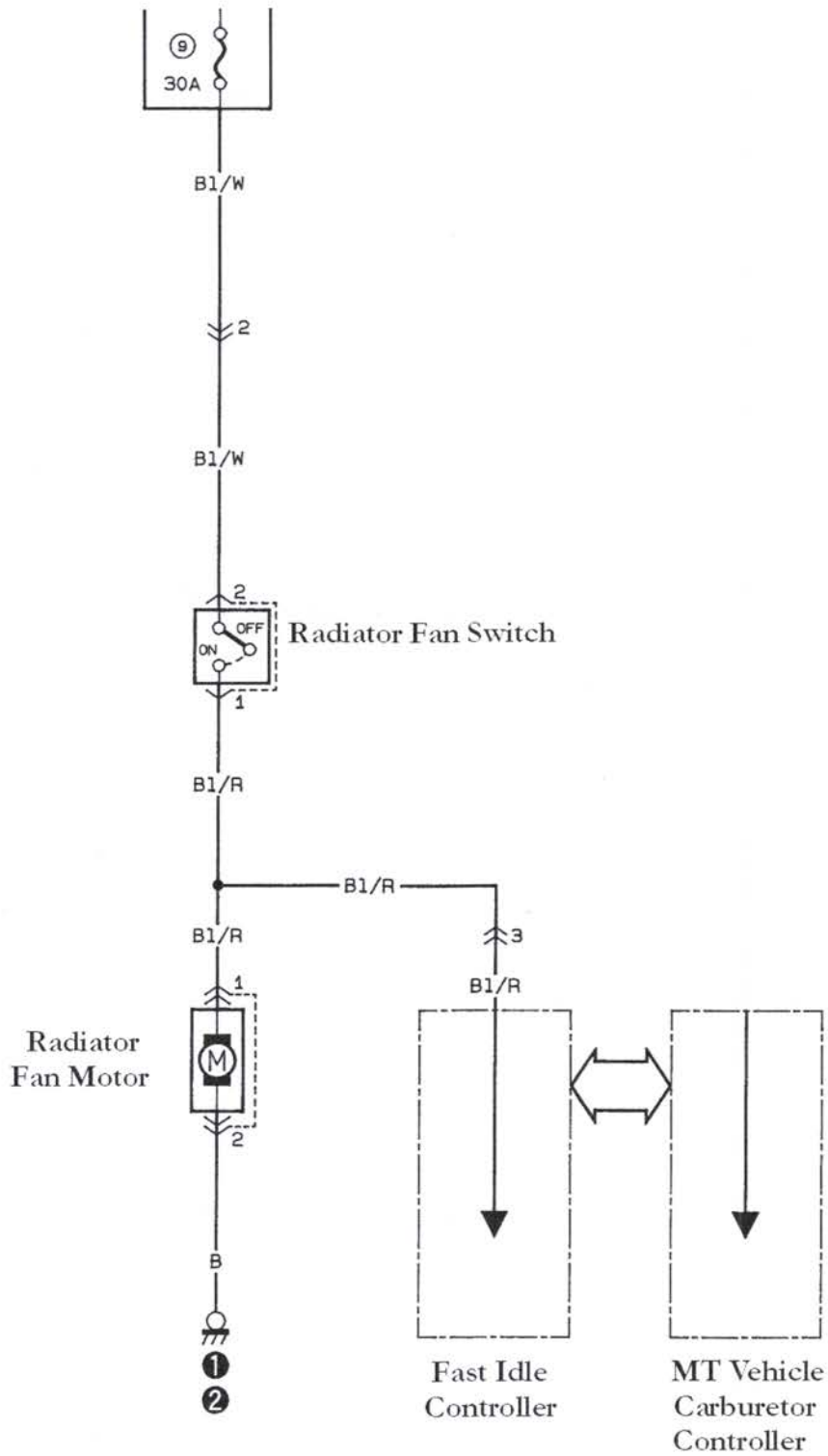
## Starter System AT/MT Vehicle





# Suzuki Electrical Diagram

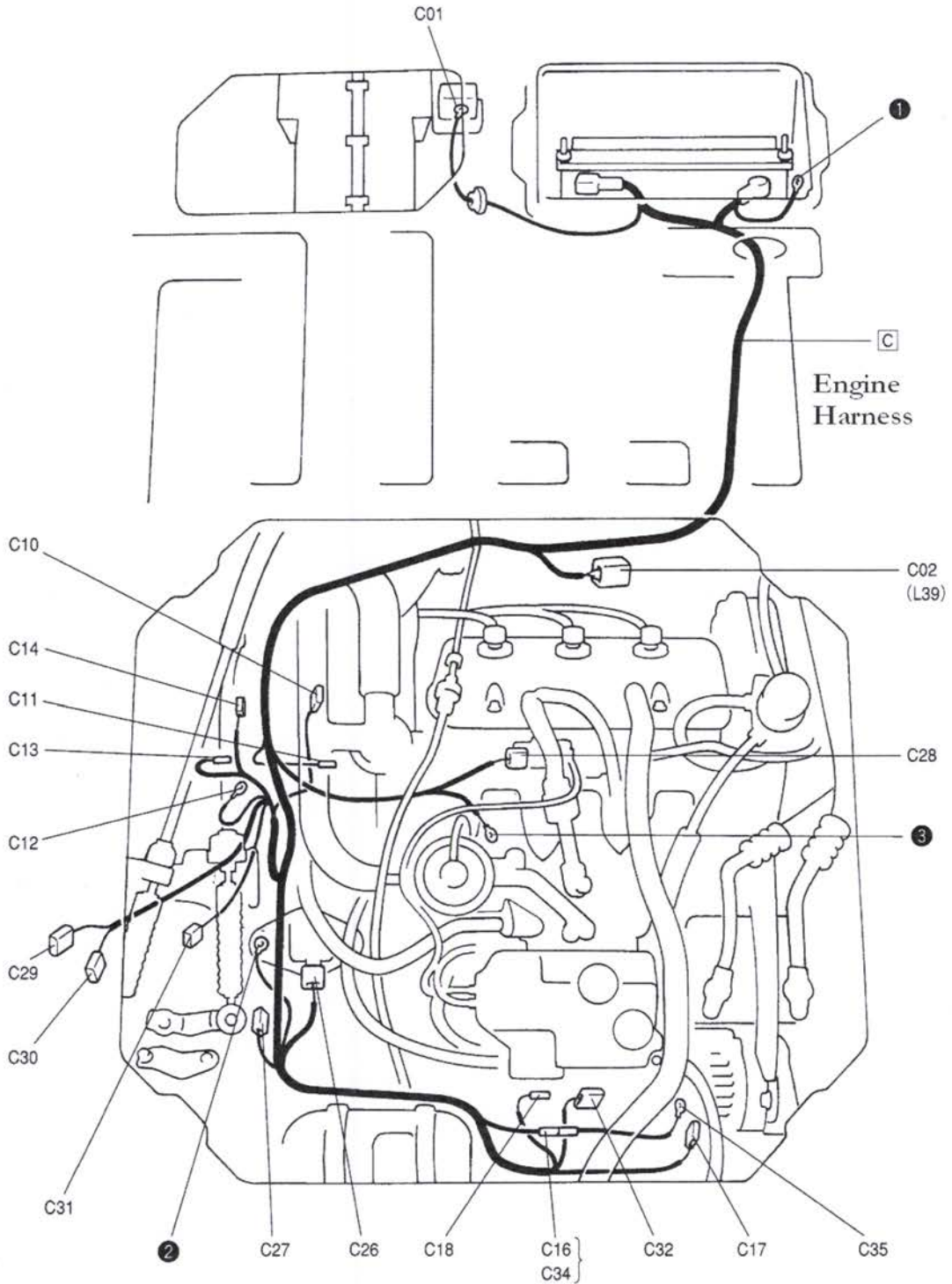
## Cooling Fan System



# Suzuki Electrical Diagrams

## Engine Harness: Carbureted

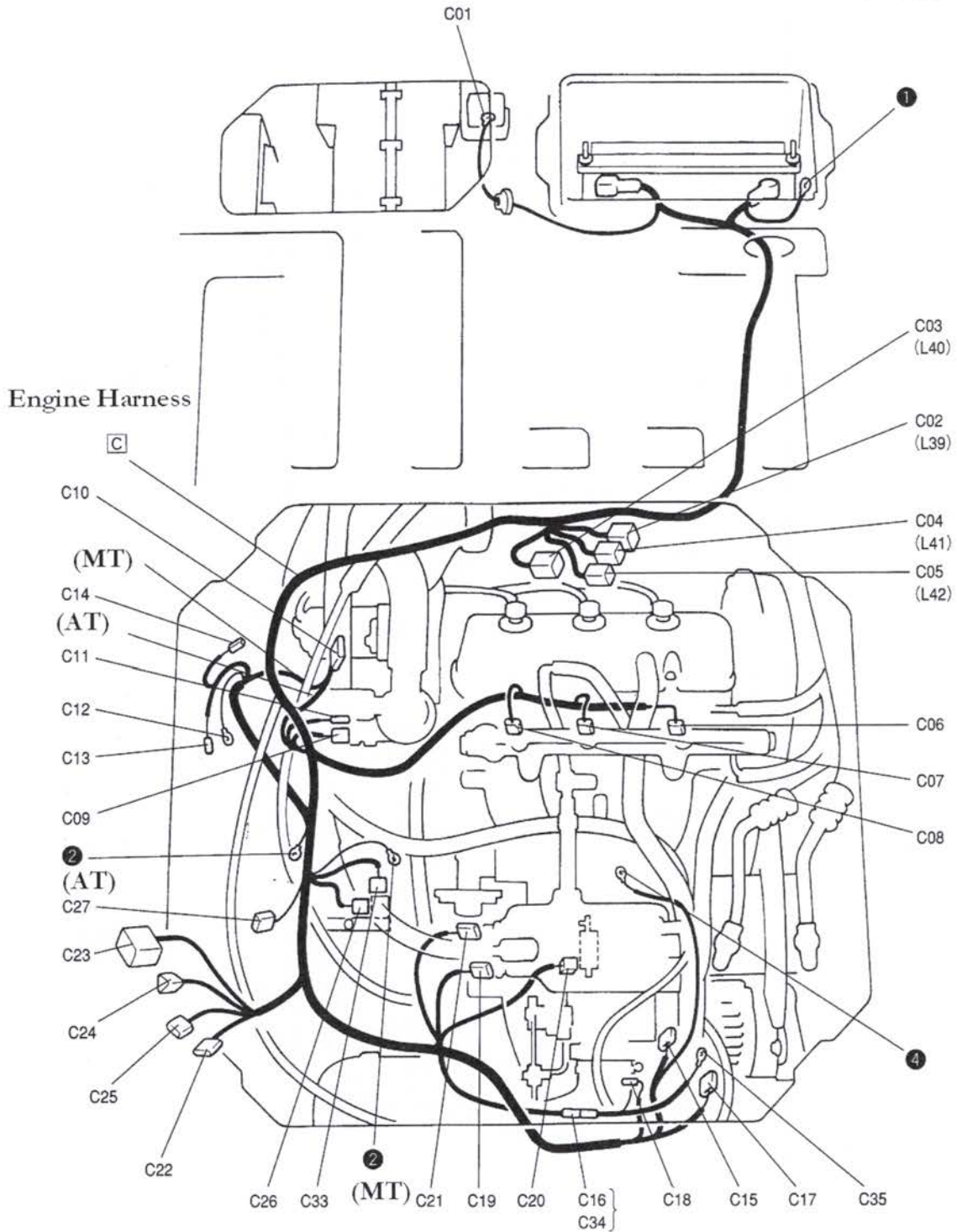
Carbureted



# Suzuki Electrical Diagrams

## Fuel Injection Harness

4V EPI

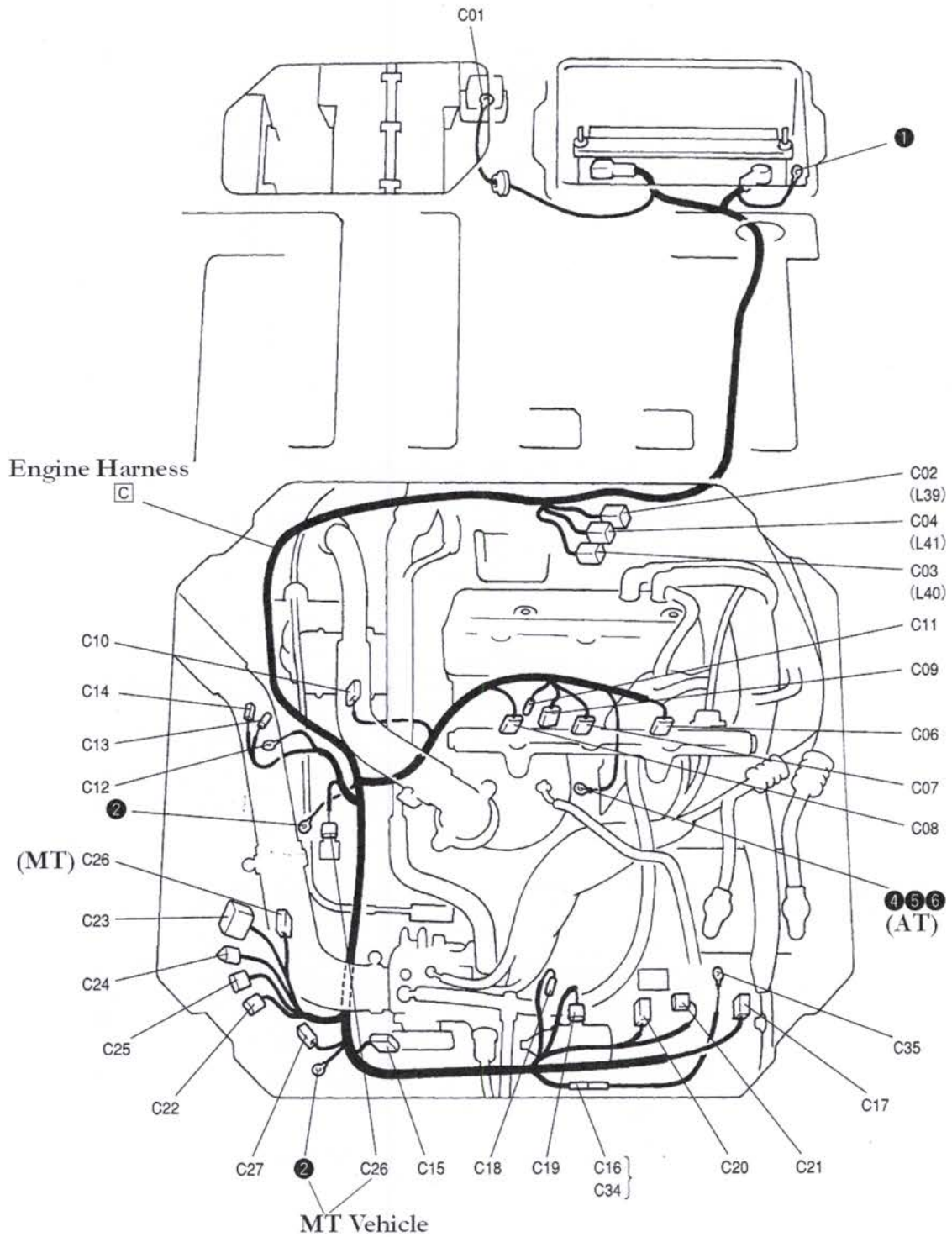




# Suzuki Electrical Diagrams

## Turbo-Charged Engine Harness

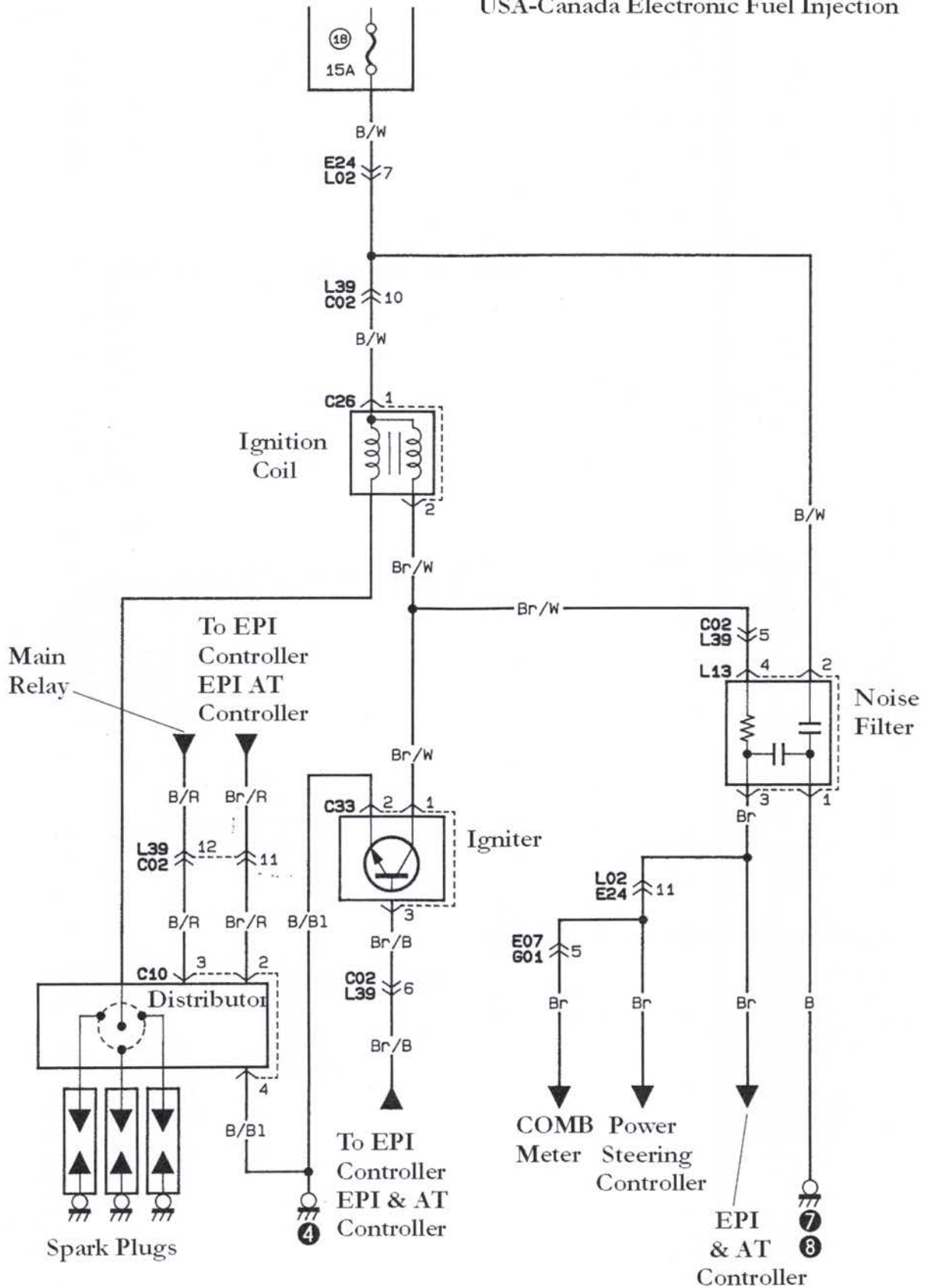
Turbo-Charged



# Suzuki Electrical Diagrams

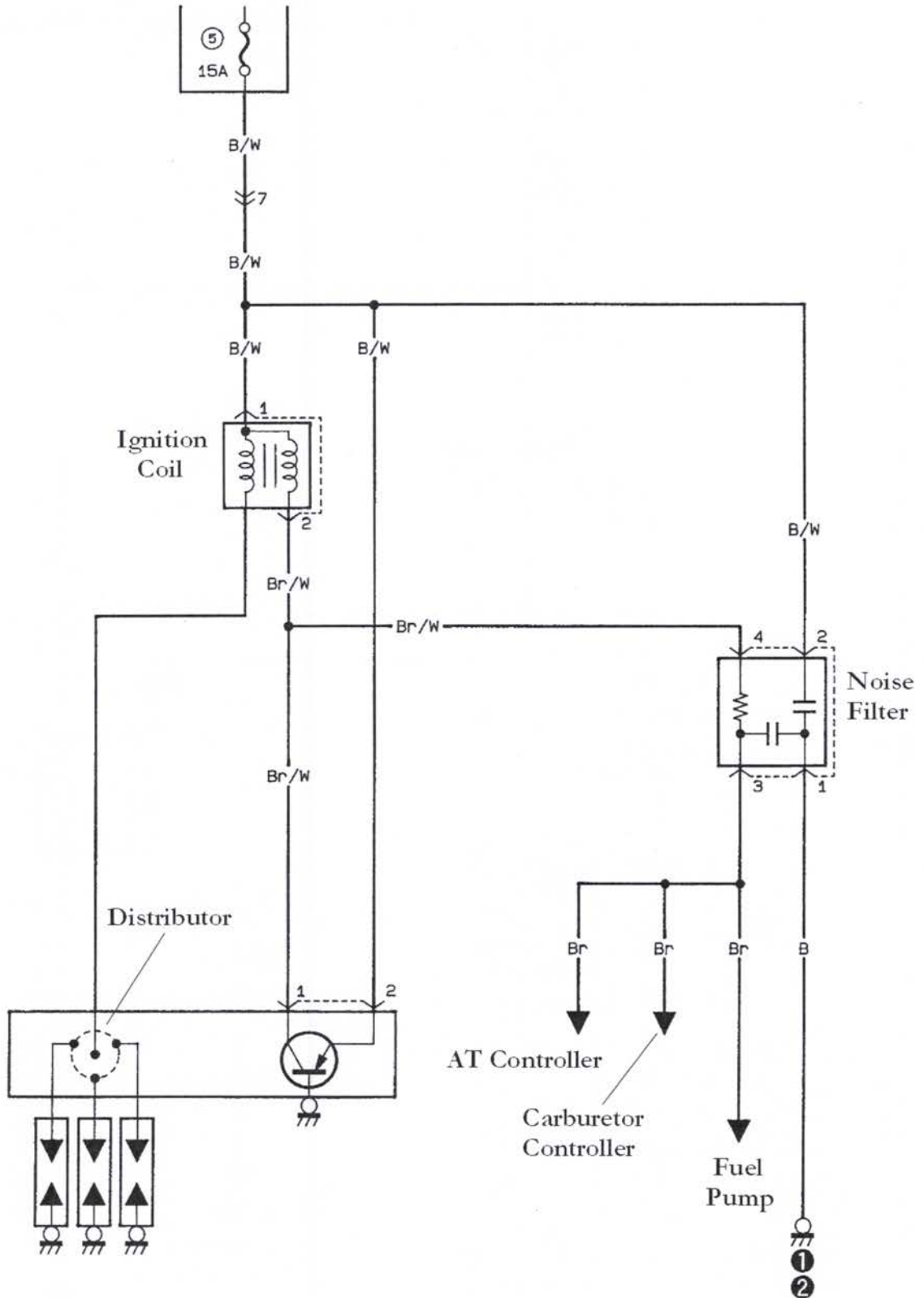
## Ignition System EPI (Electronic Fuel Injection)

UK=Electronic Petrol Injection  
USA-Canada Electronic Fuel Injection



# Suzuki Electrical Diagram

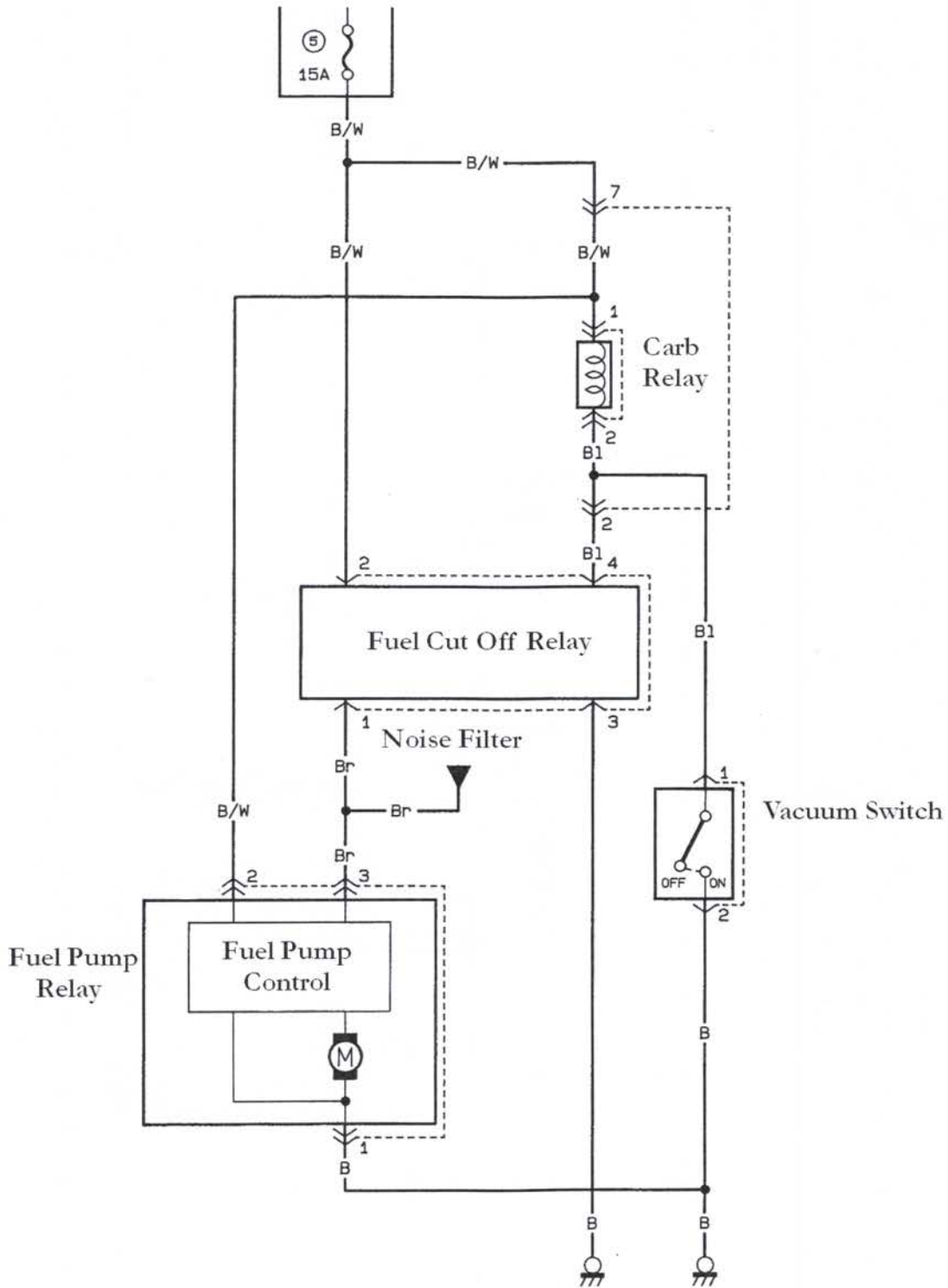
## Ignition System: Carbureted



# Suzuki Electrical Diagram

## Fuel System: Automatic Vehical

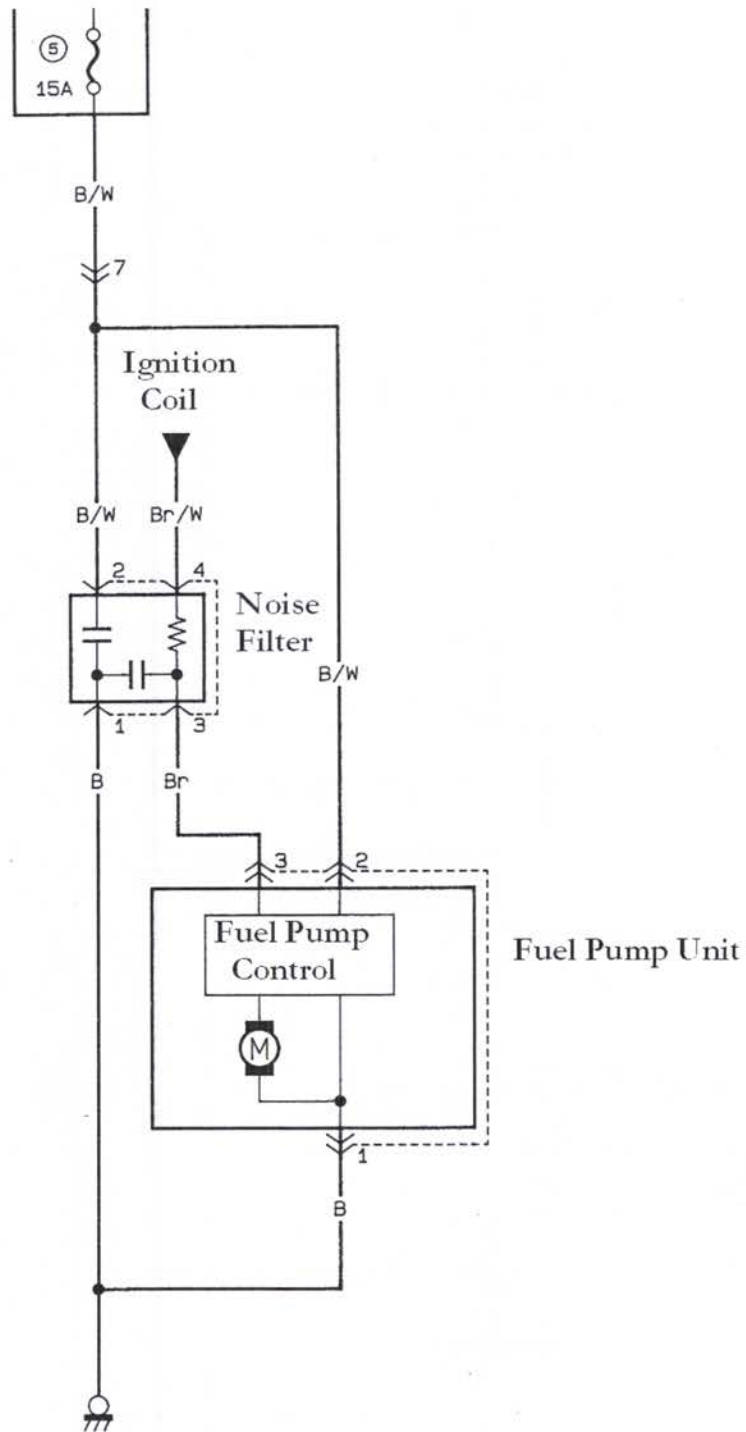
AT Vehicle



# Suzuki Electrical Diagram

## Fuel System: MT Vehicle

MT Vehicle





## Section 5

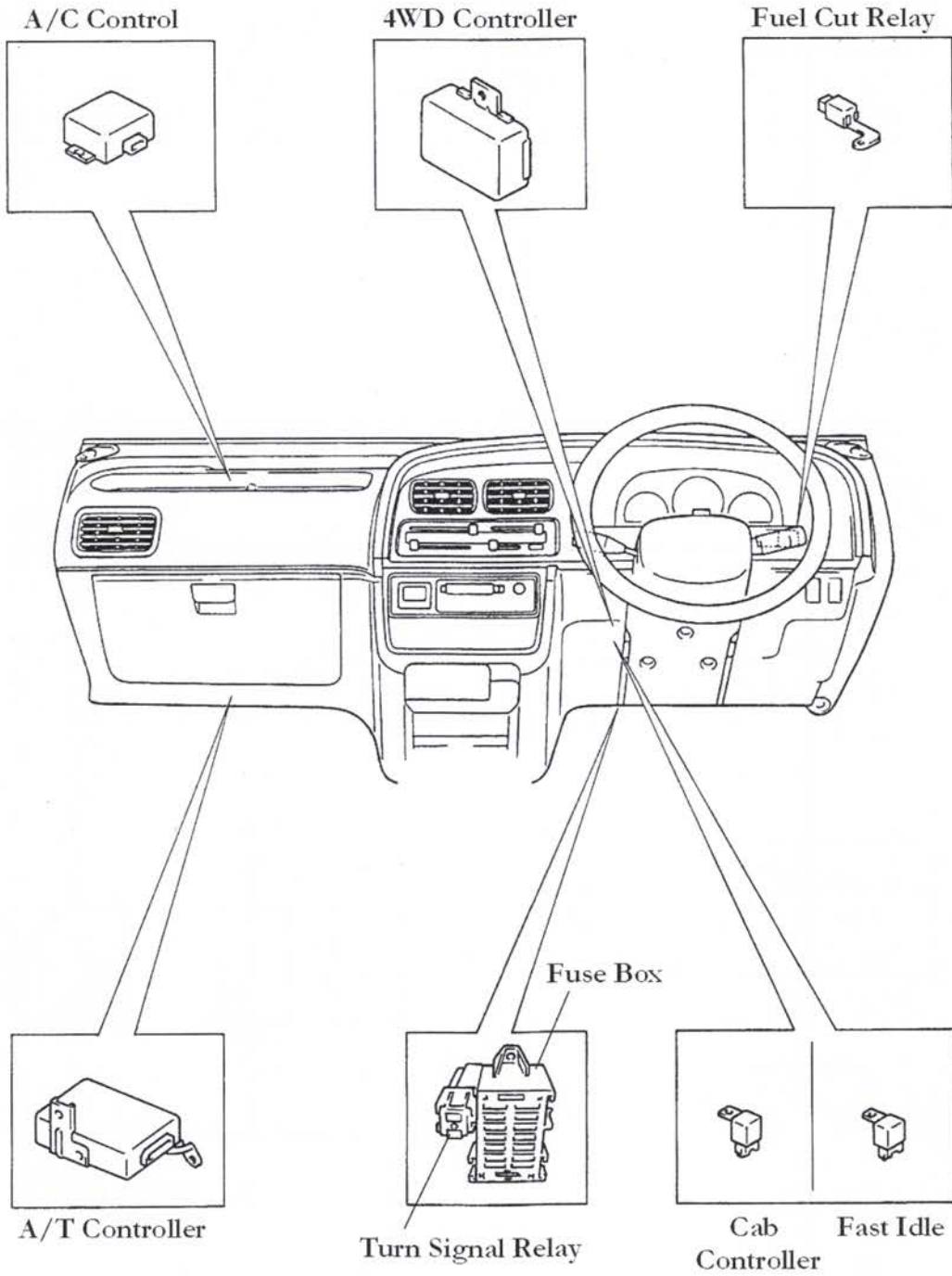
### Other

- **Main Relay Location Guide**
- **4WD Controller Circuit Diagram Part 1**
- **4WD Controller Circuit Diagram Part 2**
- **Wiper & Washer Circuit**
- **Horn Circuit**
- **Radio Circuit**
- **Shift Lock Circuit**
- **Warning lamp Circuit**



# Suzuki Electrical Diagram

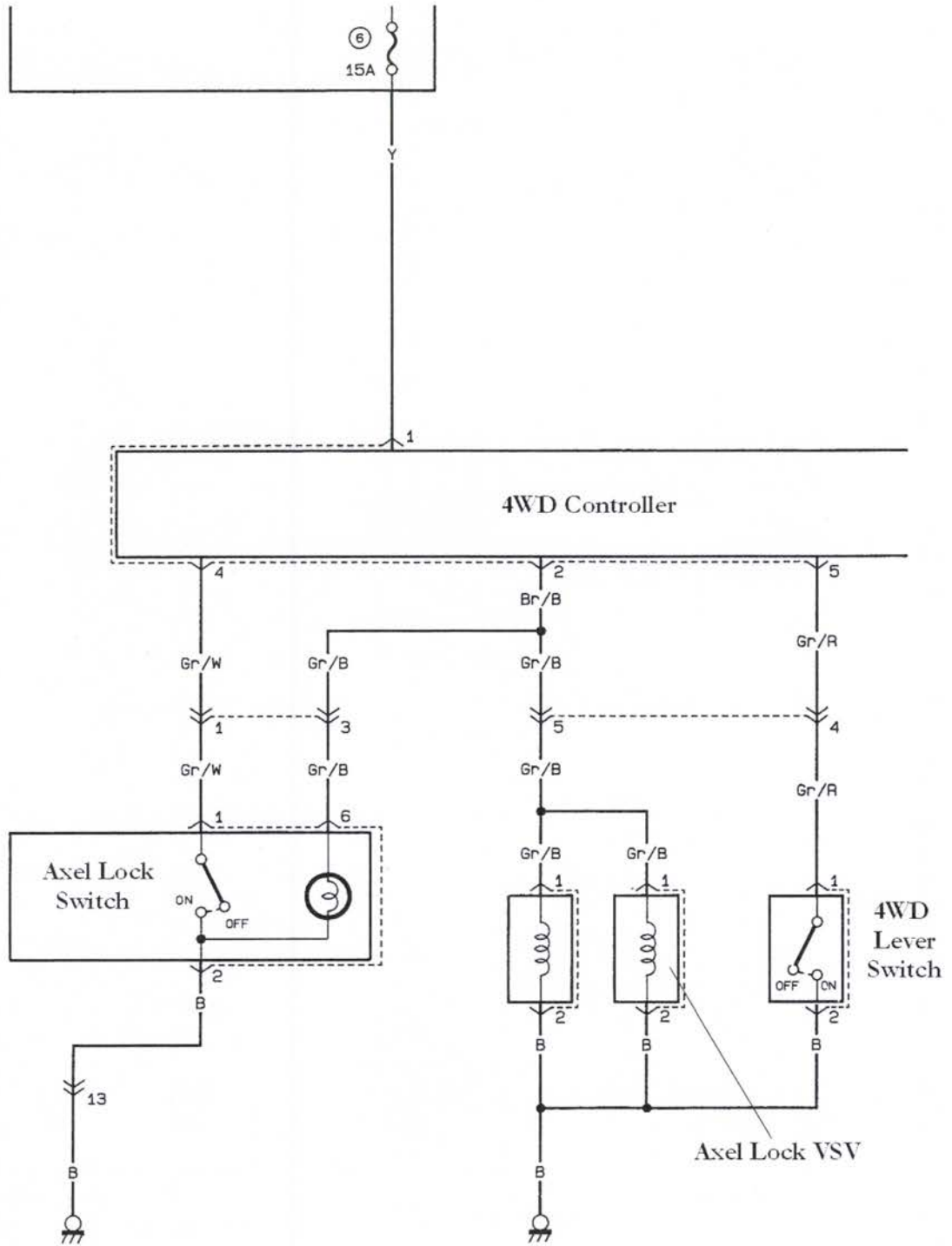
## Main Relay Location Diagram



# Suzuki Electrical Diagrams

## 4WD Controller Diagram Part 1

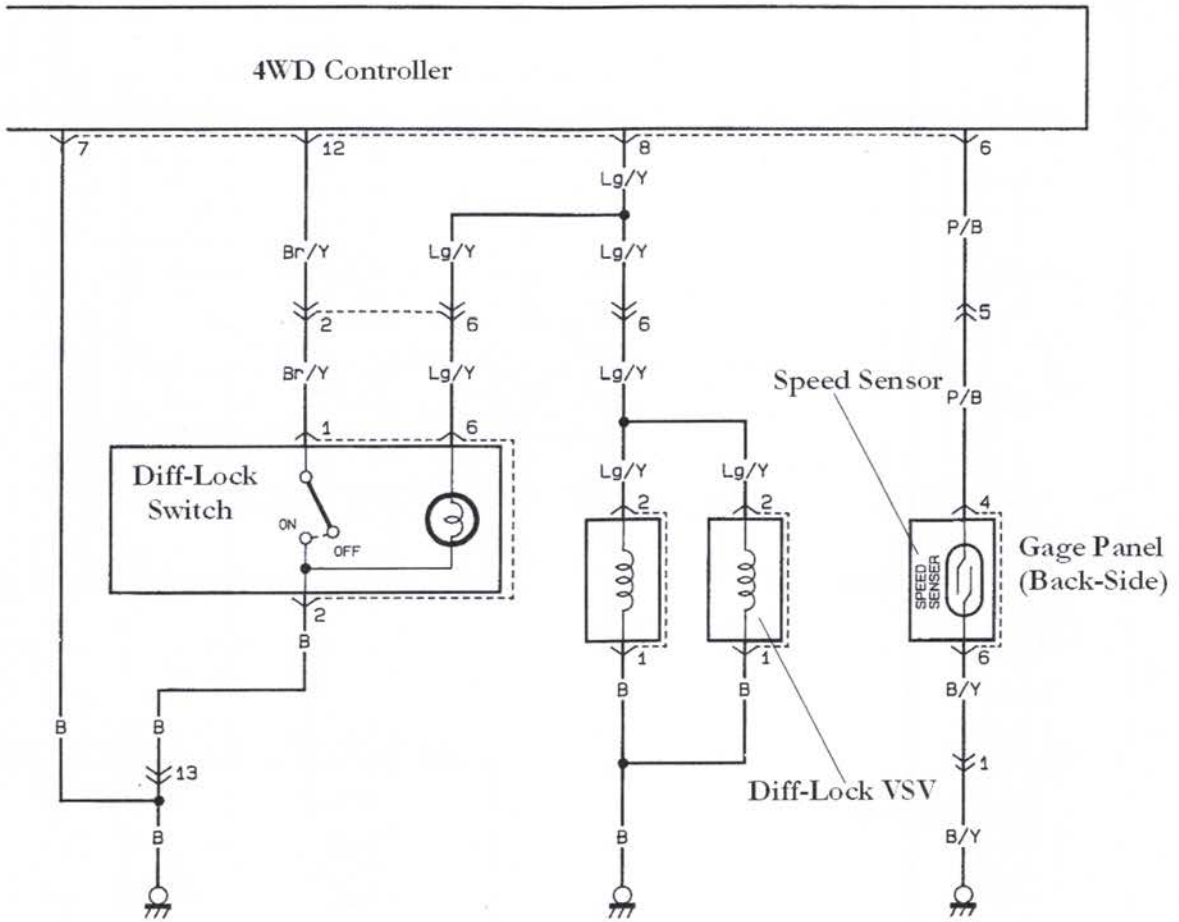
Part 1



# Suzuki Electrical Diagrams

## 4WD Controller Diagram Part 2

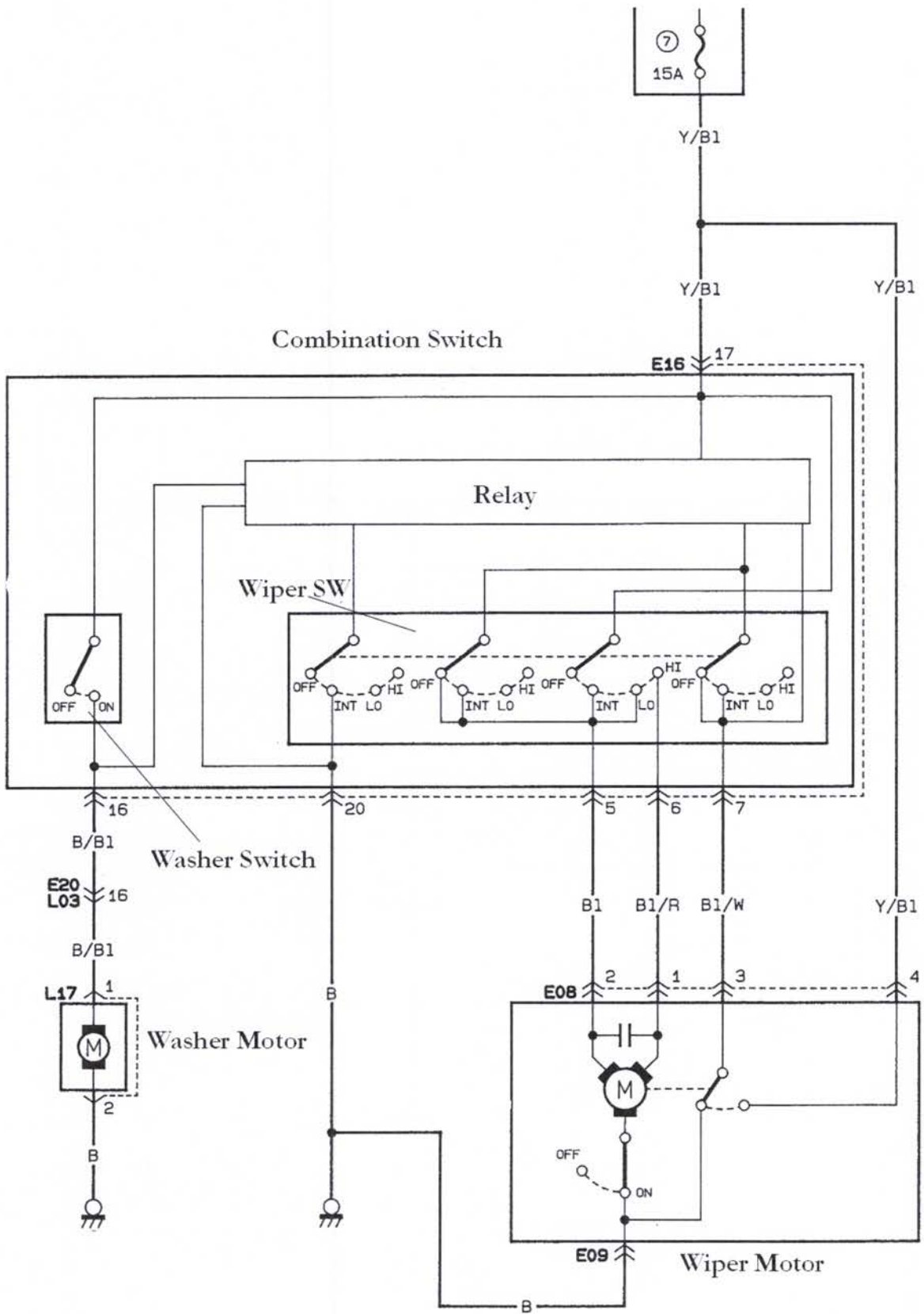
Part 2





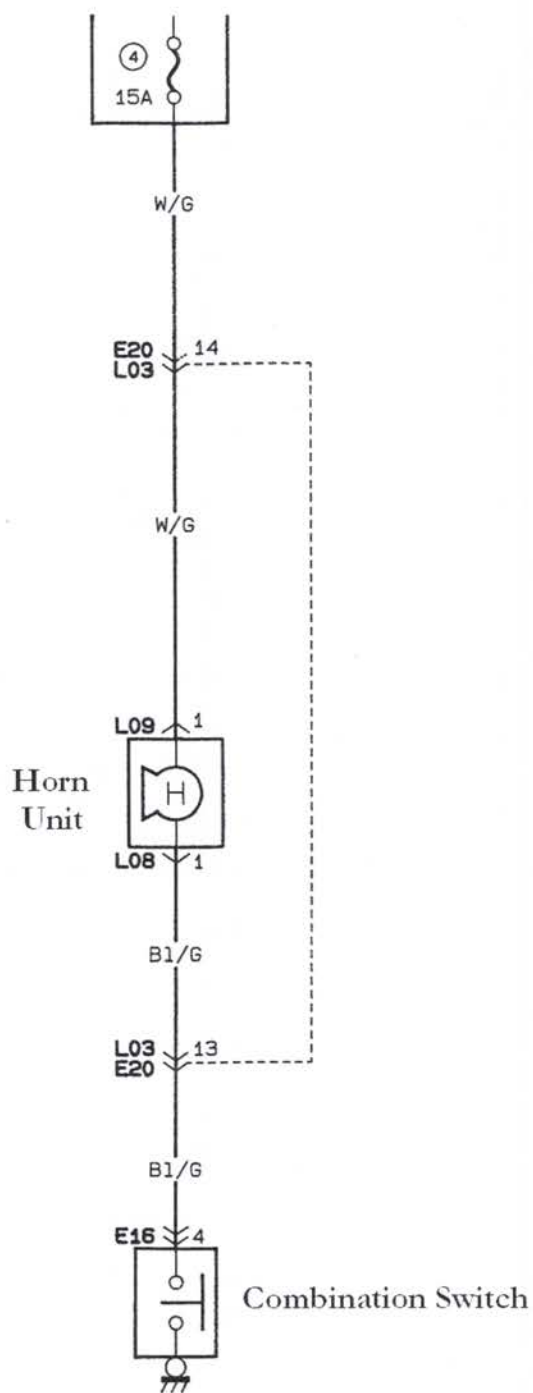
# Suzuki Electrical Diagrams

## Front Wiper & Washer



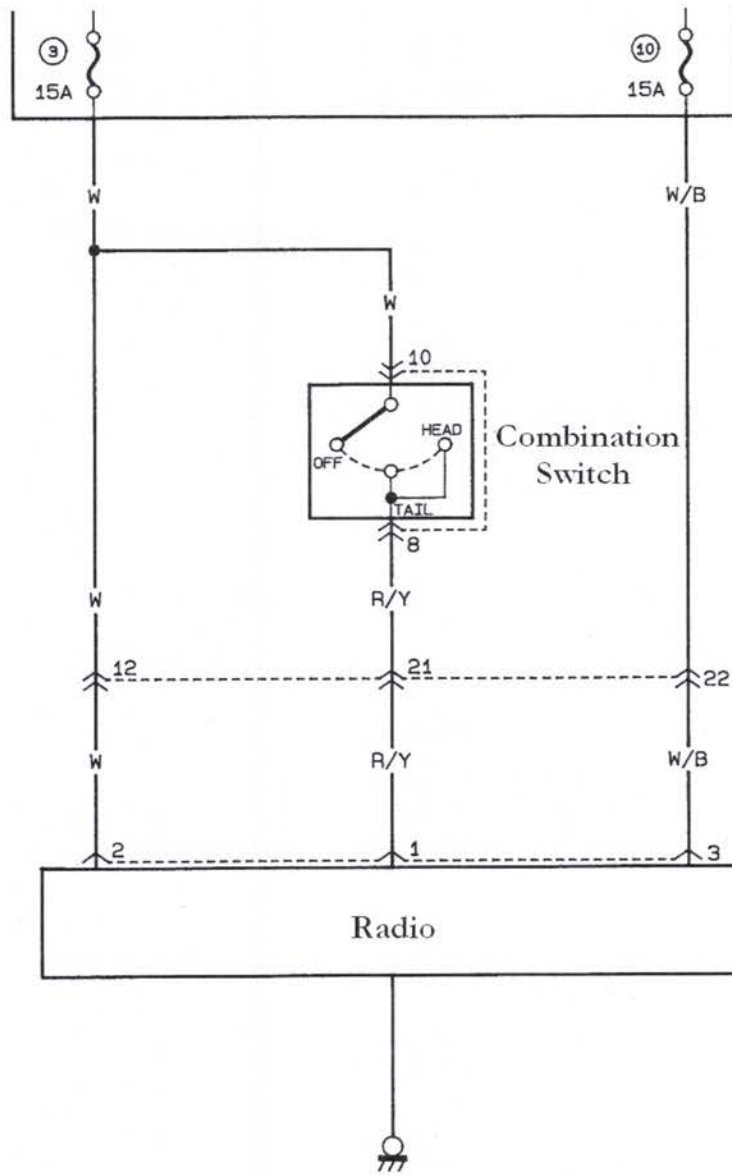
# Suzuki Electrical Diagrams

## Horn



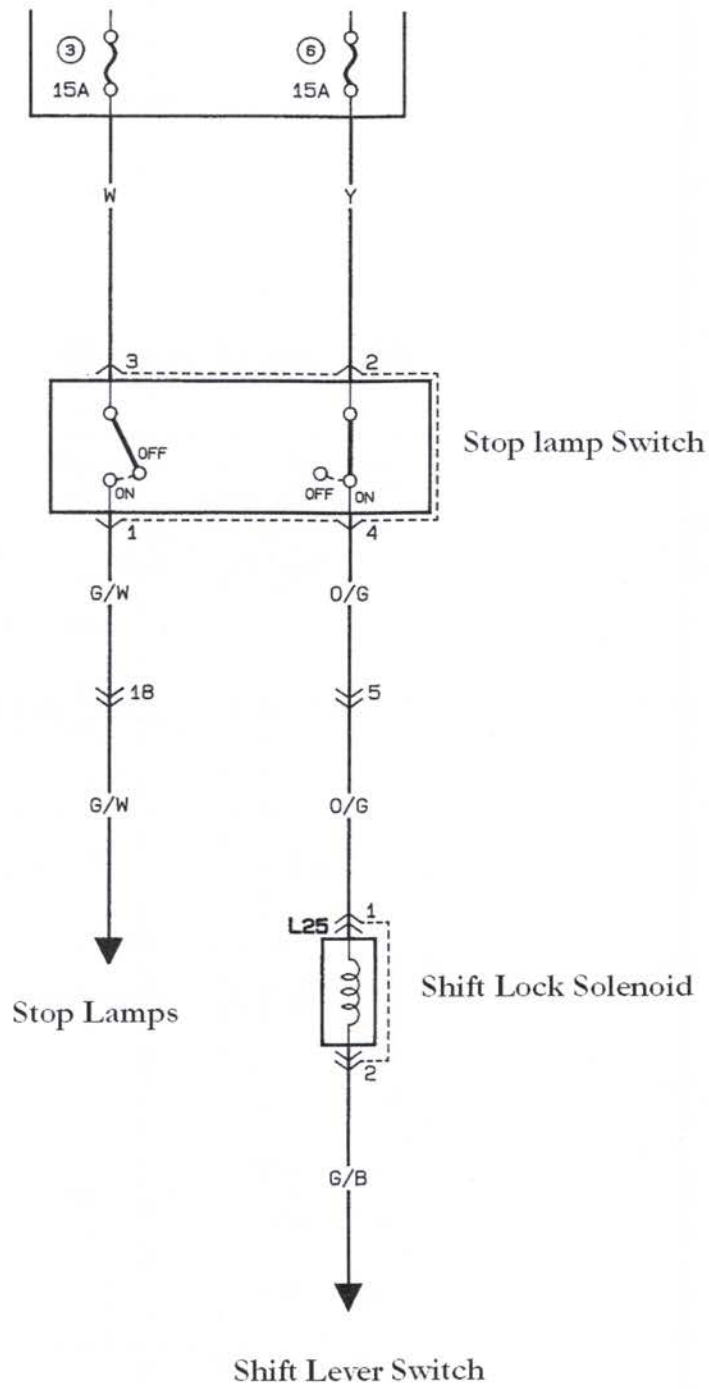
# Suzuki Electrical Diagrams

## Radio Power Circuit



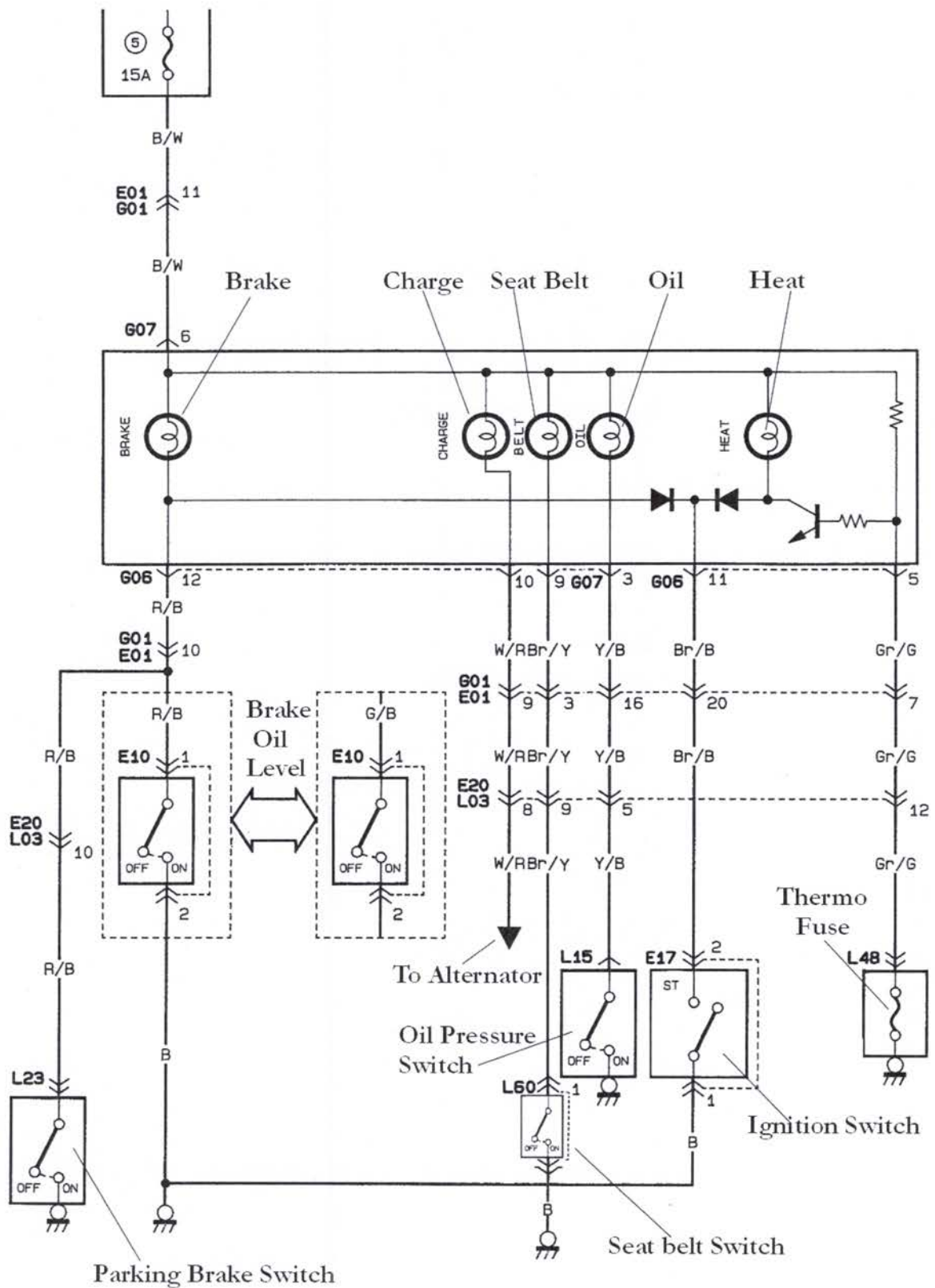
# Suzuki Electrical Diagrams

## Shift Lock System



# Suzuki Electrical Diagrams

## Warning Lamp Circuit







Thank you!

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Automotive Specialty

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Automotive Service Manuals

Suzuki

Subaru

Honda

Mitsubishi

Daihatsu

Toyota

Nissan

Others

# English Version

Electrical Diagrams & Circuits For Both Trucks and Vans

Vehicle Identification

Fuse Box Circuits Explained

Complete Carbureted Vehicle Schematics

Complete Fuel Injected Vehicle Scematics

Truck Harnesses and Connector Locations

Van Harnesses and Connector Locations

Complete Lighting Circuits and Diagrams

Engine Harnesses and Connectors

Starter & Charging Circuits

Cooling Fans

Turbo-Charged Diagrams

Fuel Pumps

Main Relay Locations

Everything you need to Troubleshoot or Replace Broken or Missing Wires!

Every Circuit is in this book, read table of contents for details

2WD & 4WD Versions Including  
Manual and Automatic Vehicles

V-DE51

V-DF51

V-DC51

V-DD51

V-DC51