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# Colorized

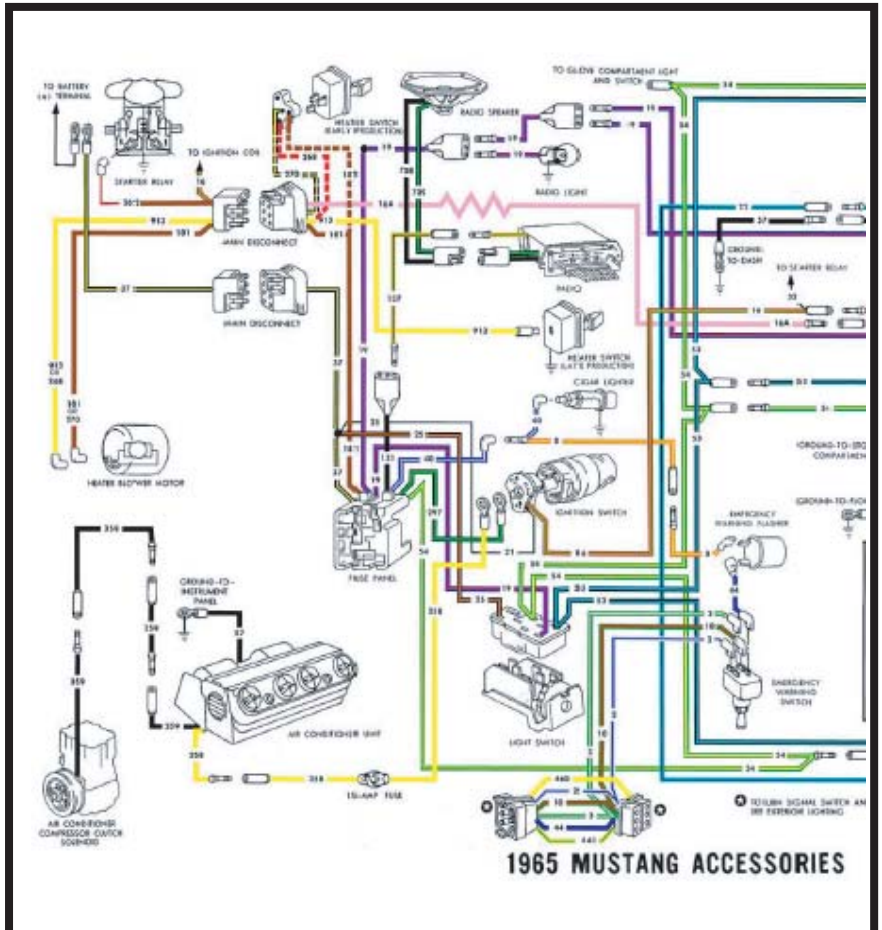
# Mustang Wiring Diagrams

*(with Electrical Illustrations)*

A consolidated collection of original Ford wiring diagrams and electrical illustrations

## Diagrams for:

- Accessories
  - Convertible Top
  - Exterior Lighting, Turn Signals, and Horns
  - Ignition, Starting and Charging
  - Interior Lighting, Windshield Wipers and Gauges
  - Instrument Panel w/ Alternator
  - Instrument Panel w/ Generator
  - Power Top
- ...and much more!!



Example of colorized diagrams

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## ATTENTION



### Please Read This

The color coded wiring diagrams are provided for illustration purposes only. Only the wire number should be used for the identification of the wire itself. The color coding of the wires in the product may not match the actual colors of the wires in the vehicle. In some cases, the colors have been altered to provide a visual contrast (i.e. the color white has been shaded to make it more visible).

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## Color Wiring Codes (1965 Ford Mustang)

Number	Wire Description	Source
2	WHITE-BLUE STRIPE	Form 7760-65
3	GREEN-WHITE STRIPE	Form 7760-65
4	WHITE-BLACK STRIPE	Form 7760-65
5	ORANGE-BLUE STRIPE	Form 7760-65
8	ORANGE-YELLOW STRIPE	Form 7760-65
9	GREEN-ORANGE STRIPE	Form 7760-65
10	GREEN-RED STRIPE	Form 7760-65
10A	GREEN	Form 7760-65
11	BLACK-YELLOW STRIPE	Form 7760-65
12	GREEN-BLACK STRIPE	Form 7760-65
13	RED-BLACK STRIPE	Form 7760-65
14	BLACK	Form 7760-65
15	RED-YELLOW STRIPE	Form 7760-65
16	RED-GREEN STRIPE	Form 7760-65
16A	PINK	Form 7760-65
19	BLUE-RED STRIPE	Form 7760-65
21	YELLOW	Form 7760-65
22	BLUE-BLACK STRIPE	Form 7760-65
25	BLACK-ORANGE STRIPE	Form 7760-65
26	BLACK-RED STRIPE	Form 7760-65
28	BLACK	Form 7760-65
29	YELLOW-WHITE STRIPE	Form 7760-65
30	BLACK-GREEN STRIPE	Form 7760-65
31	WHITE-RED STRIPE	Form 7760-65
32	RED-BLUE STRIPE	Form 7760-65
34	GREEN-BLACK STRIPE	Form 7760-65
35	WHITE	Form 7760-65
37	BLACK-YELLOW STRIPE	Form 7760-65
39	RED-WHITE STRIPE	Form 7760-65
40	BLUE-WHITE STRIPE	Form 7760-65
42	BLUE	Form 7760-65
44	BLUE	Form 7760-65
49	WHITE-BLUE STRIPE	Form 7760-65
50	GREEN-WHITE STRIPE	Form 7760-65
53	BLACK-BLUE STRIPE	Form 7760-65
54	GREEN-YELLOW STRIPE	Form 7760-65
		Form 7760-65
		Form 7760-65
		Form 7760-65

61	YELLOW	Form 7760-65
63	RED	Form 7760-65
65	GREEN	Form 7760-65
95	WHITE	Form 7760-65
96	ORANGE-BLACK STRIPE	Form 7760-65
122	YELLOW	Form 7760-65
123	RED	Form 7760-65
131	BLACK	Form 7760-65
137	YELLOW-BLACK STRIPE	Form 7760-65
140	BLACK-RED STRIPE	Form 7760-65
152	YELLOW	Form 7760-65
162	BROWN	Form 7760-65
175	BLACK	Form 7760-65
181	BROWN	Form 7760-65
234	BLACK	Form 7760-65
262	BROWN	Form 7760-65
268	RED	Form 7760-65
270	BLACK-YELLOW STRIPE	Form 7760-65
297	BLACK-GREEN STRIPE	Form 7760-65
358	YELLOW	Form 7760-65
359	BLACK	Form 7760-65
460	YELLOW	Form 7760-65
461	YELLOW-GREEN STRIPE	Form 7760-65
654	YELLOW	Form 7760-65
655	RED	Form 7760-65
708	BLACK	Form 7760-65
709	BLACK-GREEN STRIPE	Form 7760-65
763	ORANGE-WHITE STRIPE	Form 7760-65
904	GREEN-RED STRIPE	Form 7760-65
913	YELLOW	Form 7760-65
941	BLACK-WHITE STRIPE	Form 7760-65

Note – there may be a difference between the actual wire colors and those in this manual. In some cases, colors were shaded differently to provide a visual contrast for easier reading.

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














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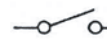

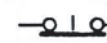

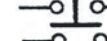
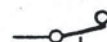
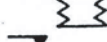


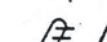





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**WIRE SYMBOLS**









-  HEATER
-  CIRCUIT BREAKER
-  FUSE
-  RESISTOR OR RESISTANCE WIRE
-  DIODE
-  CAPACITOR OR CONDENSER
-  THERMOSTAT (VARIABLE RESISTANCE)
-  THERMISTOR
-  SPARK PLUG
-  GROUND
-  BATTERY
-  MAINTAINED CONTACT
-  MOMENTARY CONTACT
-  SPLICE, WELD OR SOLDER POINT
-  SPLICED WIRES
-  CROSSOVER WIRE (NO CONNECTION)
-  JUNCTION BLOCK
-  HORN
-  BUSS BAR
-  BUS BAR & SPLICE

### SWITCHES

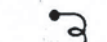

-  N.O. (SPST)
-  N.O. (SPST)
-  N.O. (DPST)
-  PUSH TYPE N.C.
-  PUSH TYPE N.O.
-  PUSH TYPE N.O. MULTIPLE POLE
-  PRESSURE OR VACUUM OPERATED N.C.
-  (SPDT) CENTER OFF
-  ROTARY SWITCH
-  MERCURY SWITCH
-  THERMAL SWITCH INTERNAL HEATER N.C.
-  THERMAL SWITCH INTERNAL HEATER N.C.
-  THERMAL SWITCH EXTERNAL HEATER N.C.

N.O. - NORMALLY OPEN  
 N.C. - NORMALLY CLOSED  
 S.P.S.T. - SINGLE POLE, SINGLE THROW  
 D.P.S.T. - DOUBLE POLE, SINGLE THROW  
 S.P.D.T. - SINGLE POLE, DOUBLE THROW  
 D.P.D.T. - DOUBLE POLE, DOUBLE THROW

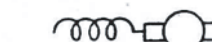

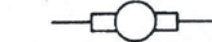
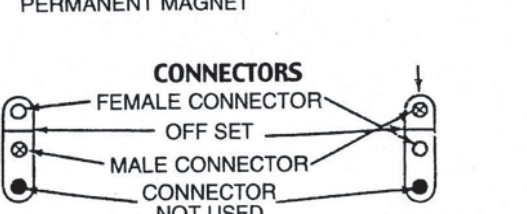
### RELAYS

-  N.O. (SPST)
-  N.C. (SPST)
-  SPDT
-  N.O. DPST
-  N.C. DPST
-  SOLENOID
-  COIL AIR CORE
-  IGNITION COIL

### LAMPS

-  SINGLE FILAMENT
-  DOUBLE FILAMENT

### MOTORS

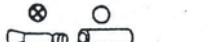





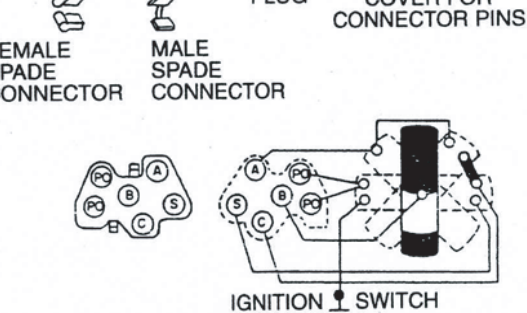
-  BASIC SERIES
-  SPLIT SERIES
-  PERMANENT MAGNET
- 

**CONNECTORS**

FEMALE CONNECTOR

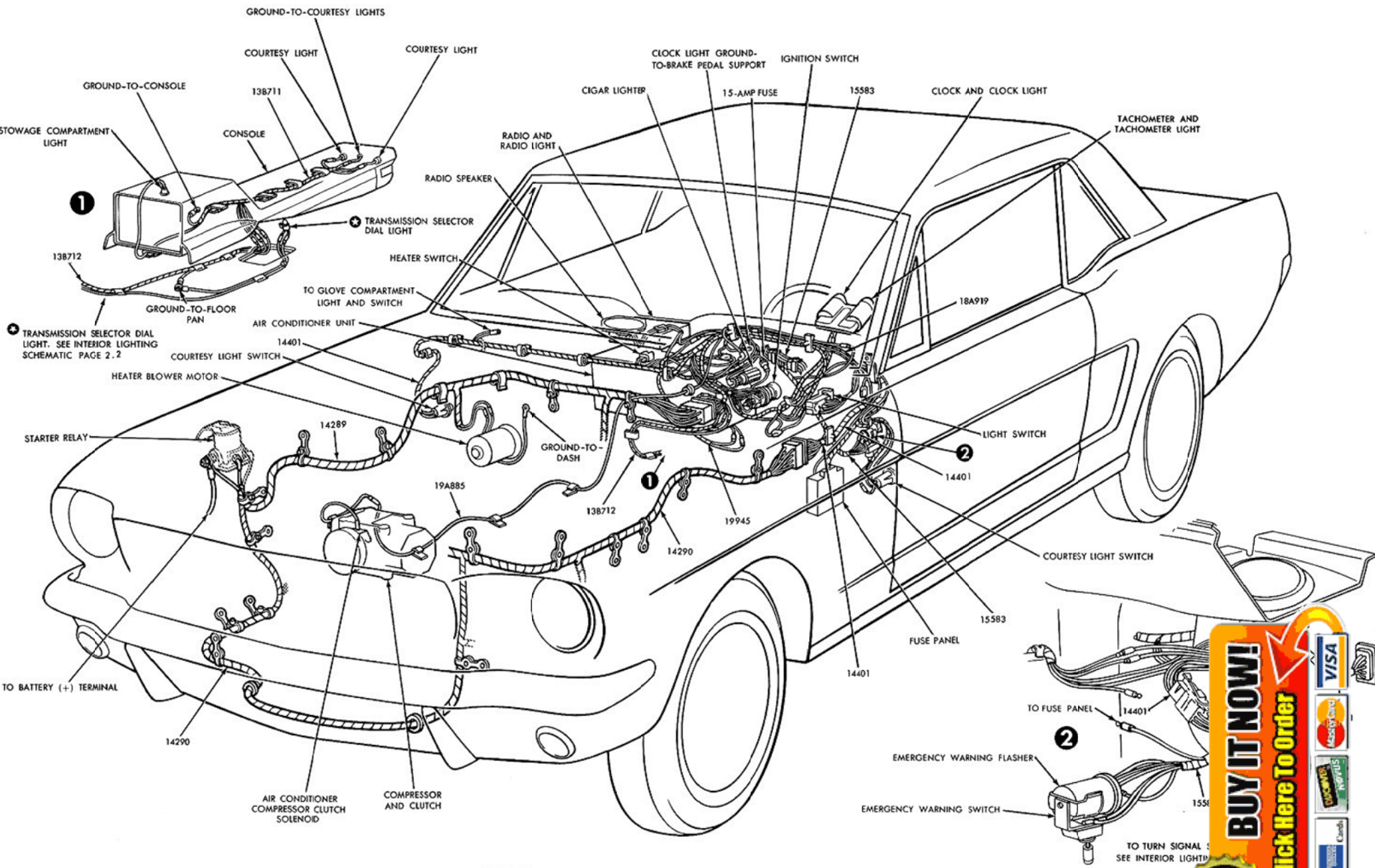
OFF SET

MALE CONNECTOR

CONNECTOR NOT USED
-  BULLET CONNECTOR
-  SPADE NOT USED
-  FEMALE SPADE CONNECTOR
-  MALE SPADE CONNECTOR
-  MULTIPLE PLUG
-  COVER FOR CONNECTOR PINS
- 

IGNITION SWITCH

- AND/OR \* WIRE FUNCTION NOT APPLICABLE TO THIS CIRCUIT  
 (14), (16) ETC. ALL NUMBERS IN (A), (B) ETC. ALL LETTERS CIRCLED INDICATE CONNECTION LOCATION.  
 ★ TO POWER SOURCE

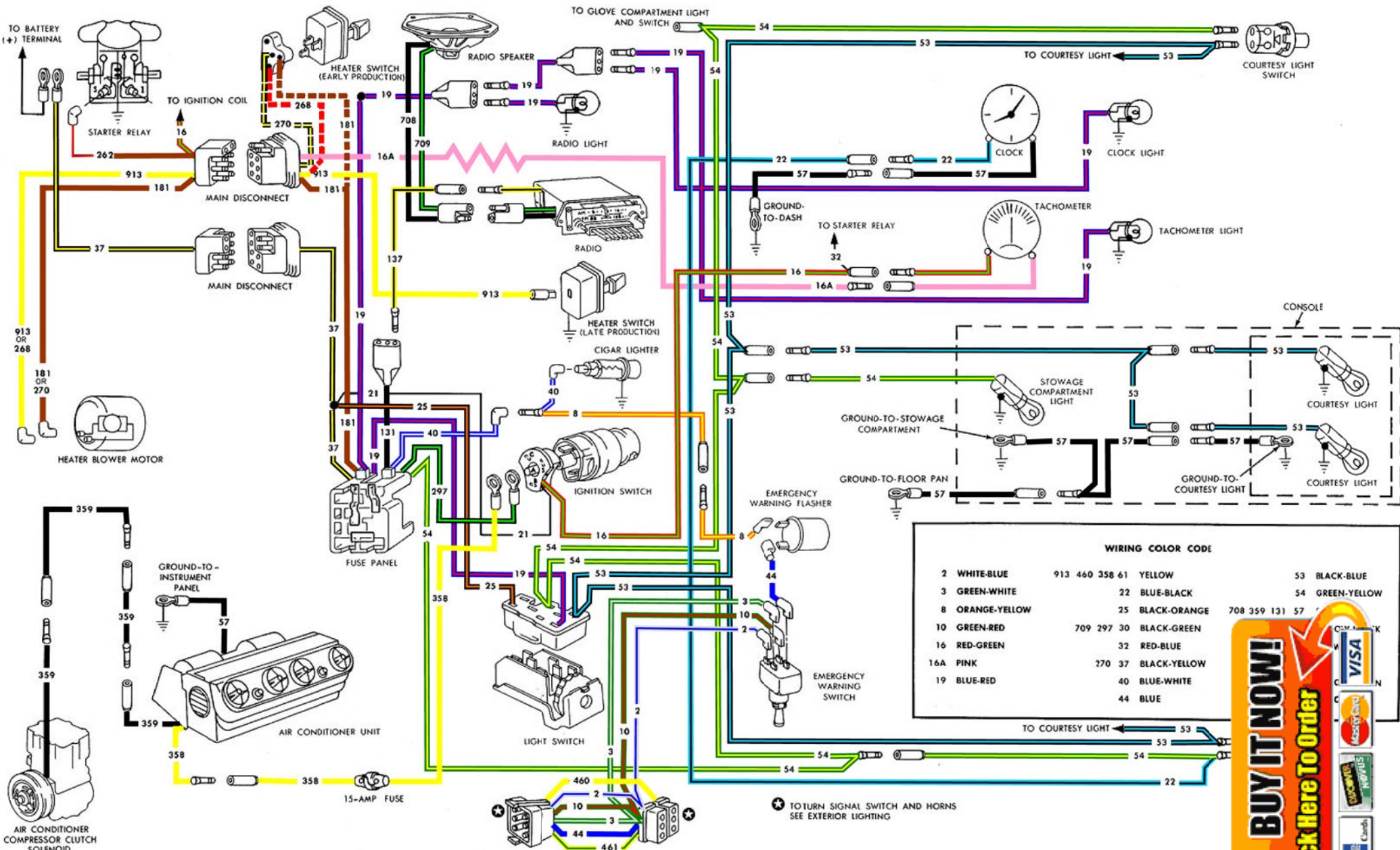


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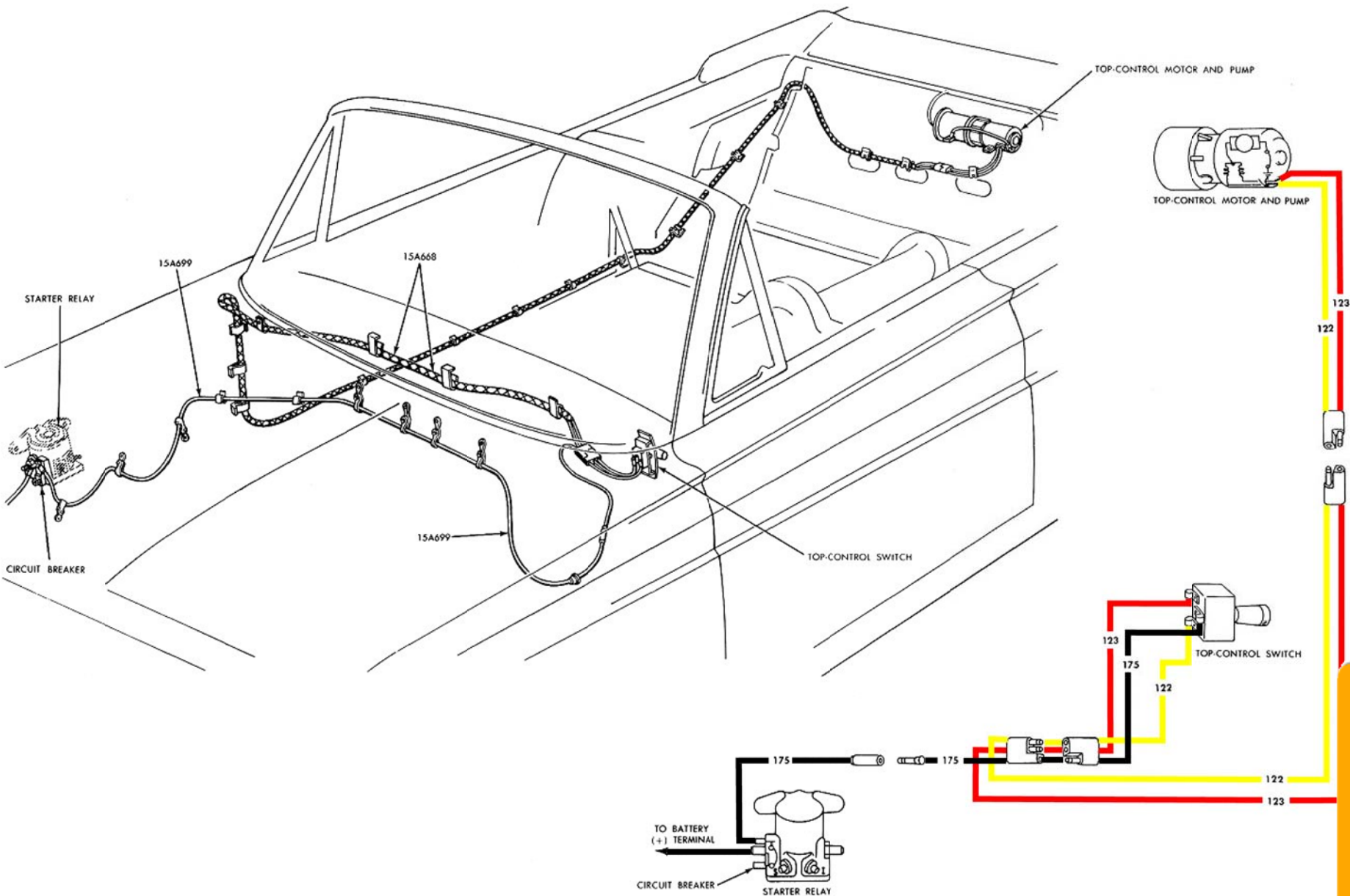
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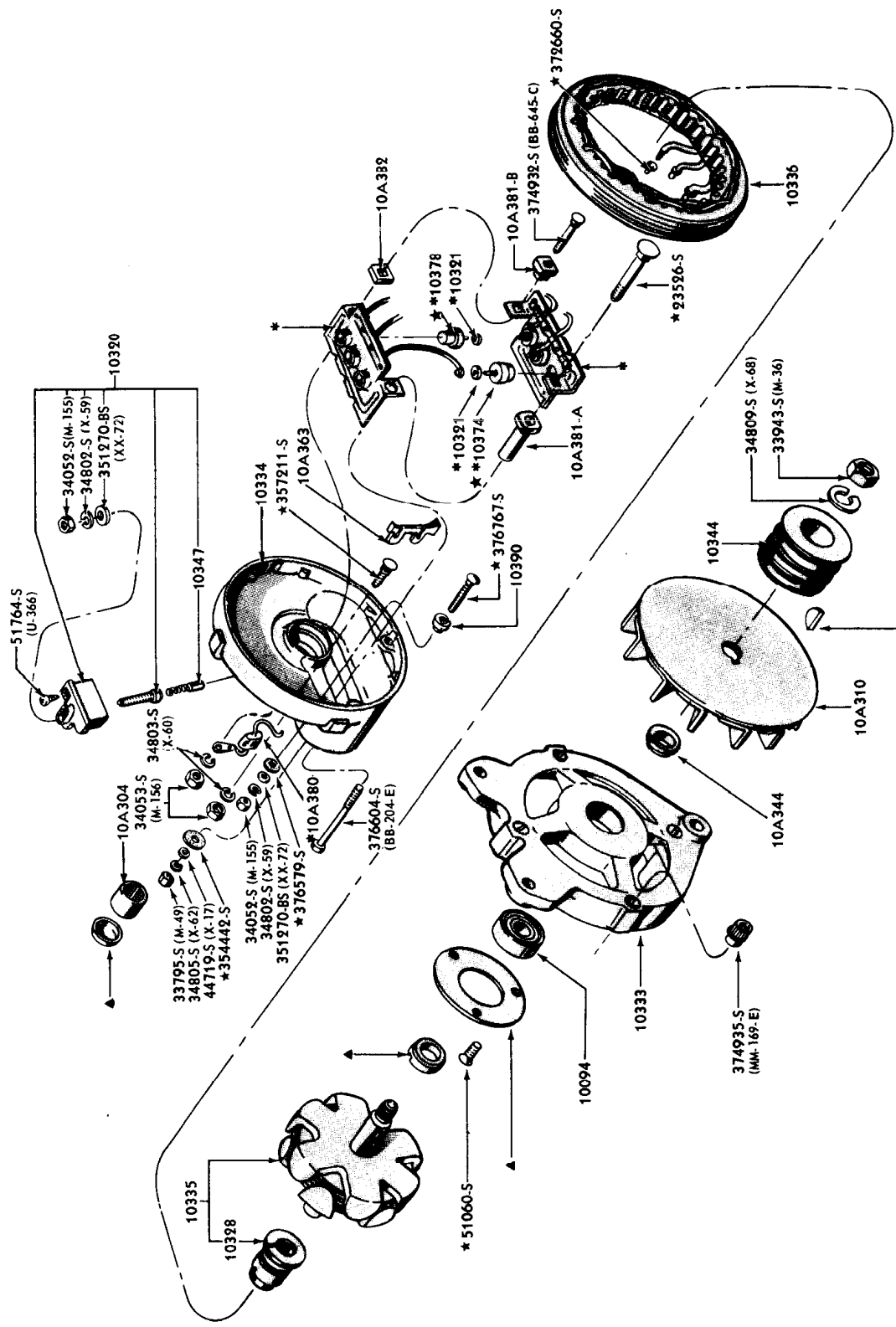
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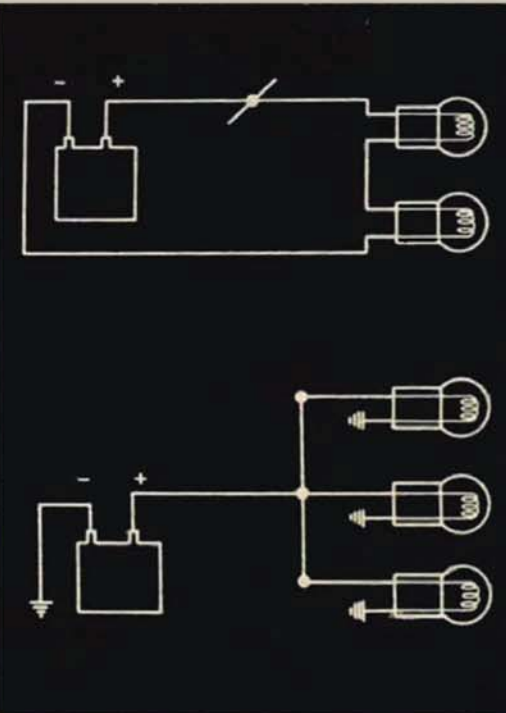
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# INTRODUCTION

## *The Why and Wherefore of Wiring Diagrams*

To the uninformed, a wiring diagram — or a wiring assembly — looks like it might take a genius to figure out.

Not so — as you'll find out when you get better acquainted with these subjects.

There're as understandable and logical as a road map and road markers, when you're finding your way on a cross-country drive.

The ability to read a wiring diagram and relate it to a vehicle's wiring system is, of course, an essential part of a modern service technician's skill. And it's growing in relative importance, too, due to owner's increasing demands for the comforts and conveniences supplied by electrically-operated options and accessories. This opens up greater opportunities, for the forward-looking technician.

## *The Purpose of this Booklet . . .*

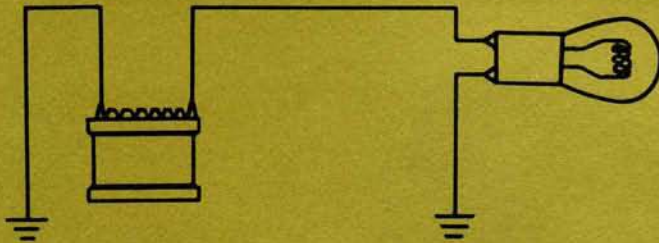
. . . is to acquaint you with the systems by which electrical circuits are traced on vehicles. Specifically, it is designed to help you acquire the ability to make your own power checks, quickly and accurately.

## *Scope of the Booklet*

Basically, this is a printed version of the film, "How to Read a Wiring Diagram." It is in no sense a manual of the shop methods by which electrical repairs are made.

It *can* be a helpful guide that can introduce you to the principles of wiring diagrams and vehicle wiring. As you gain experience in reading wiring diagrams, you'll accumulate your own know-how in this important skill. When it becomes "second nature" to you, these pages will have served their purpose — and yours.





To show how to read wiring diagrams — and to explain how they can be used to help you troubleshoot problems in the electrical system — is what this booklet is all about. Obviously, these are important subjects.

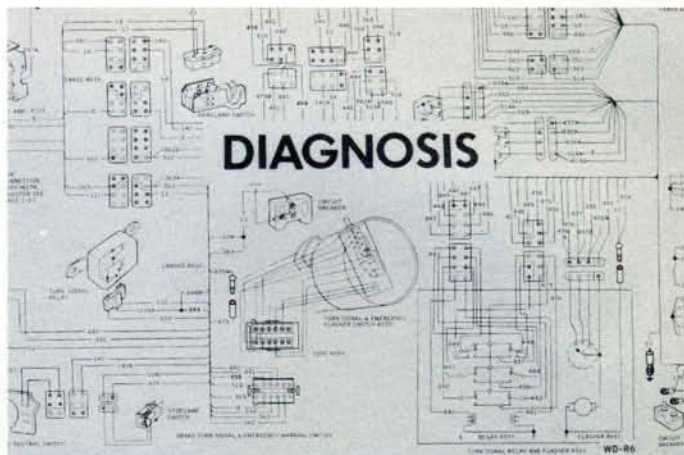
## A LOGICAL APPROACH TO ELECTRICAL DIAGNOSIS



If a customer comes in because his headlights aren't working, you can't just make a snap decision. That's not the *professional way*.



When you go to a doctor, for example, he tries to find out what's *really* wrong with you. He looks beyond the aches and pains you feel, to see what's *causing* the trouble. We call this, *diagnosis*.



Troubleshooting an electrical system calls for diagnosis, too — *Your* diagnosis. *You're* the doctor. You must find out what's causing the trouble, and fix it.



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unit may be the way may not. Snap professional.

