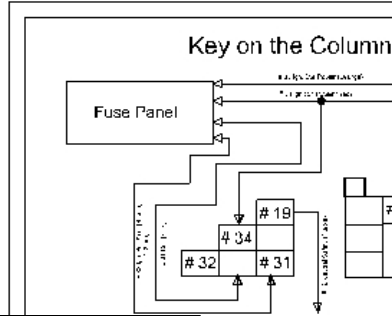
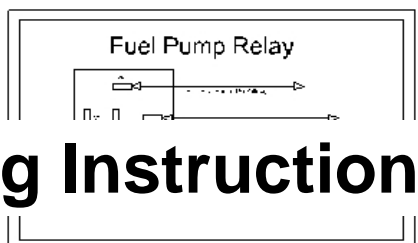
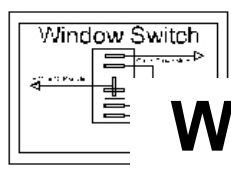
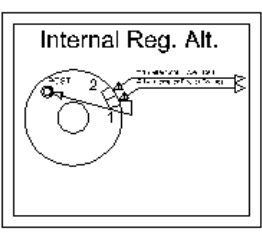
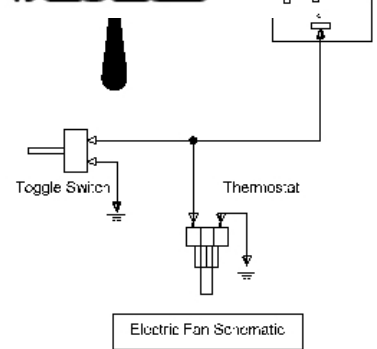
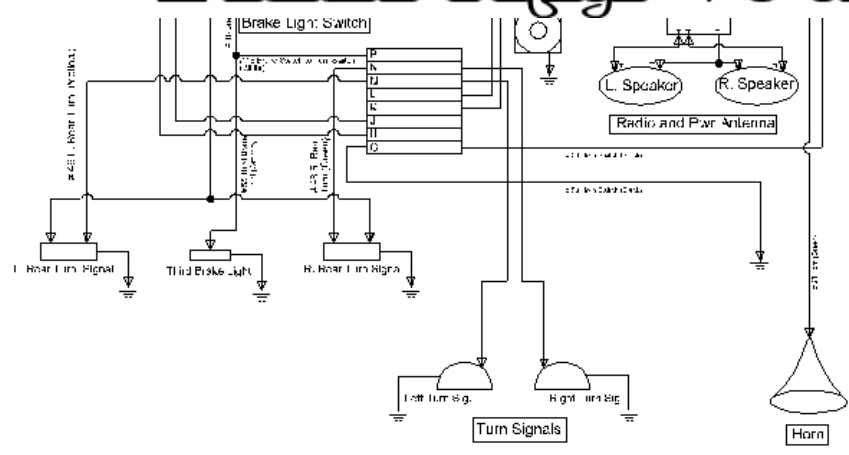


Electrify Your Ride



Wiring Instruction

Figure 2

Table of Contents

- 3.....Parts List
- 4.....Pre Installation Guide
- 5.....Terms and Conditions
- 6.....Fuse Chart
- 7.....Mounting Fuse Panel
- 8.....Motor Group
- 9.....Motor Group Diagrams
- 10...Ignition Hook ups
- 11...Ignition Hook ups
- 12...Headlight Group H-1
- 13...Electric Fan Relay Diagram
- 14...Dome Light Diagram
- 15...Accessory Group Battery Positive Group
- 16...Instrument Group
- 17...Instrument Group Diagram
- 18...Ignition Group
- 19...Column and turn signal Group
- 20...Headlight Switches
- 21...Radio Group
- 22...Power Windows, Seats, and Power Top
- 23...Brake Switches
- 24...Tail Light Diagram
- 25...Tail Group
- 26...Kwik Wire Wiring Harness Diagram
- 27...Wire Function
- 28...Products Page



Electrify Your Ride

What's Included?

1 Harness
1 Instruction Book



2 - Turn Signal Plugs with Terminals



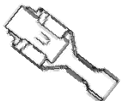
2 - Headlight Plugs



1 - 3/4" Grommets



2 - 1/4" Grommets



10 - 1/4" Terminals



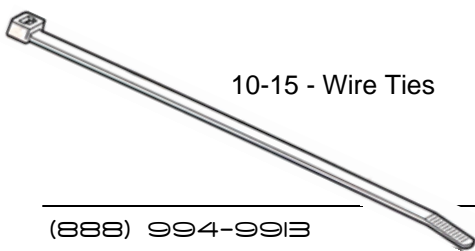
4 - Ring Terminals



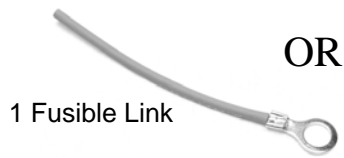
4 - Female Push-on Terminals



4 - Male Push-on Terminals

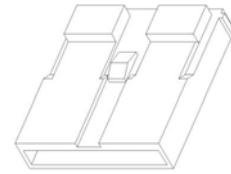


10-15 - Wire Ties



1 Fusible Link

OR



1 Maxi Fuse Holder



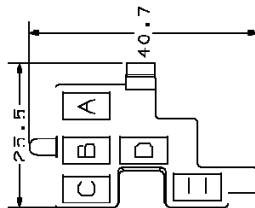
2 - Bolts and Nuts



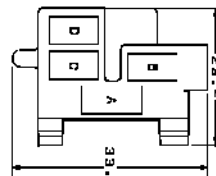
6 - 14/16ga Butt Splices



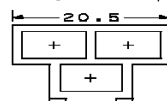
2 - 10/12ga Butt Splices



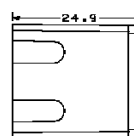
1 - Column Ignition Switch Connector



1 - Column Ignition Switch Connector



1 - Dimmer Switch Connector



1 - Alternator Plug



1 - 6" Red #34 Wire

— Step By Step Instructions to Wire Your Car —

****First Disconnect Battery****

- Read the instruction book and look at all diagrams before going on
- This instruction book is used for all Kwik Wire harnesses
- Some wire in the instruction book may not apply to your kit
- Set up a plan before you get started
- Check your kit to make sure everything is included
- Lay the harness out on the floor
- Plan the path to which way your wires will be routed
- Only remove the ties holding the bundles together
- Leave all labels on until you have completely installed your kit

— Grounding () symbol —

****YOU MUST SUPPLY ALL GROUND WIRES****

Grounding kits are available at Kwik Wire
All Fiberglass Body projects should require a grounding kit

Kwik Kits have been designed to mount according to the instructions found on Page 7. Not following this procedure may result in wires that do not reach the desired destination.

— Testing —

Test for any problems that may occur upon installation completion with a 10 amp or small battery charger to ensure safety.

Proceed with installation of your Kwik Wire Universal Street Rod Wiring Harness only after you have read and understand all of the above steps and guidelines.

Kwik Wire Would Like To Thank You for Your Purchase



Electrify Your Ride

— Terms and Conditions of Your Purchase —

Buyer's sole and exclusive remedy and Saint Wire & Cable Inc. sole and exclusive liability to buyer here under is limited to repair or replacement, at Kwik Wire option, of the product, sold hereby. Kwik Wire liability, whether based upon warranty, contract, tort or negligence, shall not in any case exceed the cost of correcting defects in the goods as herein provided. Saint Wire & Cable Inc. shall in no event be liable in contract or in tort (including negligence) for special indirect, incidental or consequential damages, such as, but not limited to, loss of property damage, or any other damage, cost or expenses which might be claimed as the result of the use or failure of repair or replacement as above described.

To insure the highest quality products, we must ask that you order only what your needs require., we do not accept returns that have been damaged or tampered with while in your possession. Claims for shortages and returns must be made within 20 days of purchase or shipping date. You will need to call Kwik Wire for authorization Number on all returned goods. Phone 920-921-2637.

Special orders are not returnable. No cash refunds. Items Returned for Credit subject to 20% handling plus repacking charges if required.

This includes products purchased from the company at events, 98% of all returns could be eliminated with a phone call to **Kwik Wire** at **1-888-994-9913**.

Absolutely NO Returns after 20 Days

Delayed installations, do not extend return privileges.

Absolutely NO RETURNS will be accepted at any event after the 20 day period has ended. Please pay by check, money order or credit card. Personal checks accepted but may cause delays. We must have street address for UPS deliveries. Prices subject to change without notice. If price changes are extreme, you will be notified by mail before shipment.

Thanks Again!

Kwik Wire

Fuse Chart

22 Circuit Harness

Function	Amp Fuse
Hazard	25
Horn	20
Dome	10
Cig. Lighter	20
Fuel	15
Wiper/Elec. Choke	15
Gauges	10
Electric Fan	25
Power Windows	30
Stop	20
Power Door Locks	20
Back-up	20
Headlights	25
Acc.	20
Radio Constant	10
Acc.	20
A/C Heat	30
Radio	10
Turn	15
Coil	30

14 Circuit Harness

Function	Amp Fuse
Stop/ Radio Constant	20
Horn	20
Headlights	25
Dome/Hazard	25
Fuel Pump	15
Radio	10
Gauges	10
Coil	30
Electric Fan	25
Wiper/Elec. Choke	15
A/C Heat	30
Radio	10
Turn Signal	15
Coil	30

8 Circuit Harness

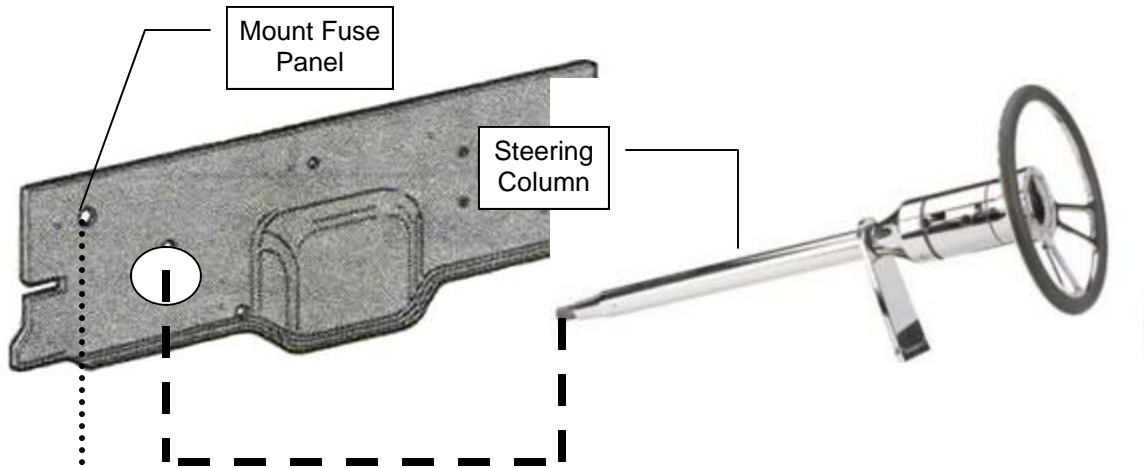
Function	Amp Fuse
Turn / Wiper	20
Radio	10
Gauges	10
Fuel Pump/Elec. Choke	15
Hazard	25
Headlights	25
Stop / Horn	20
Coil	30

Only Use Recommended Fuses

Note: This Instruction book will cover all Kwik Wire harnesses. Not all wires listed in the instruction book will be in your harness depending on size fuse panel you purchased.

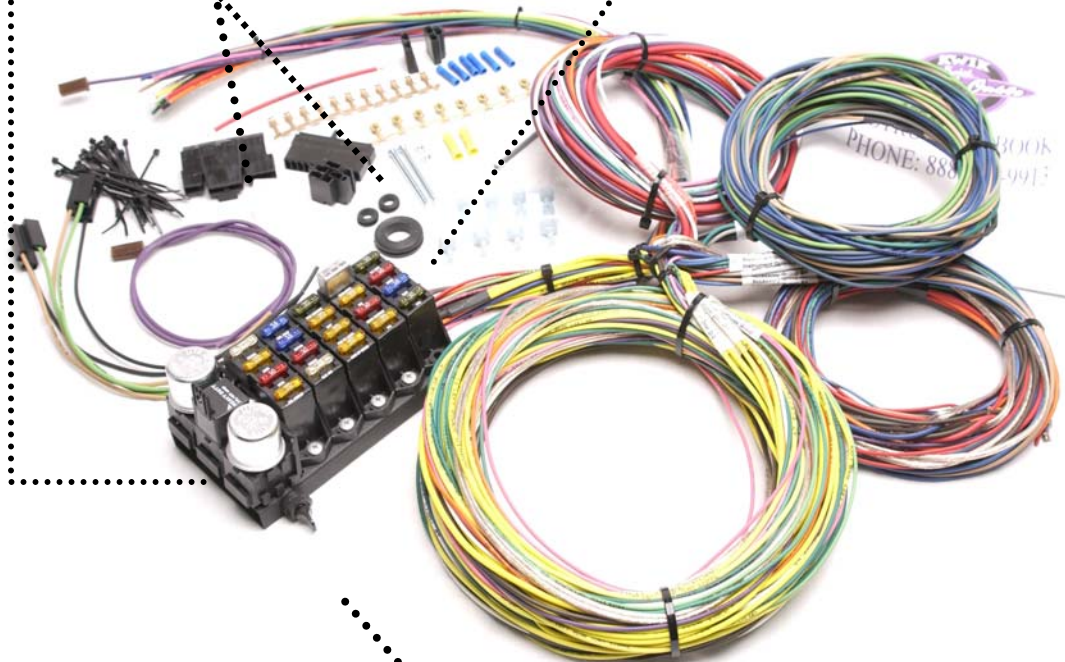
Mounting Fuse Panel

Fuse panels must be mounted under the dash next to the steering column.



Select correct turn signal plug.
(GM Early and Late Model plugs are supplied)

Use the 3/4" grommet supplied with the harness to pass through the fire wall



Coil Kill Switch

Motor Group

Wire #14 White 16 Ga. (Alternator Exciter)

Originates from the fuse panel and connects to the alternator. **See Page 10**

Wire #15 Red 10 Ga. (Alternator Battery)

Originates from the fuse panel and connects to the battery post on the alternator.

Wire #16 Red 10 Ga. (Starter Solenoid)

Originates from the fuse panel and connects to the starter battery lug.

***Add fusible link or maxi fuse on to this wire*

Wire #19 Purple 12 Ga. (Neutral Safety)

Originates from the Ignition switch and connects to the neutral safety switch and then connect to the start lug on the alternator. **See Page 18**

Wire #20 Pink 14 Ga. (Coil)

Originates from the fuse panel and connects to the positive side of the coil.

**** Switch on the side of the fuse panel will shut off power to the coil ****

Wire #21 Green 18 Ga. (Water Temperature Sender)

Originates from the temp gauge and connects to the temperature sending unit.

Wire #22 Lt. Blue 18 Ga. (Oil Pressure Sender)

Originates from the oil gauge and connects to the oil pressure sending unit.

Wire #23 Purple 18 Ga. (Tachometer)

Originates from the tachometer gauge and connects to tachometer.

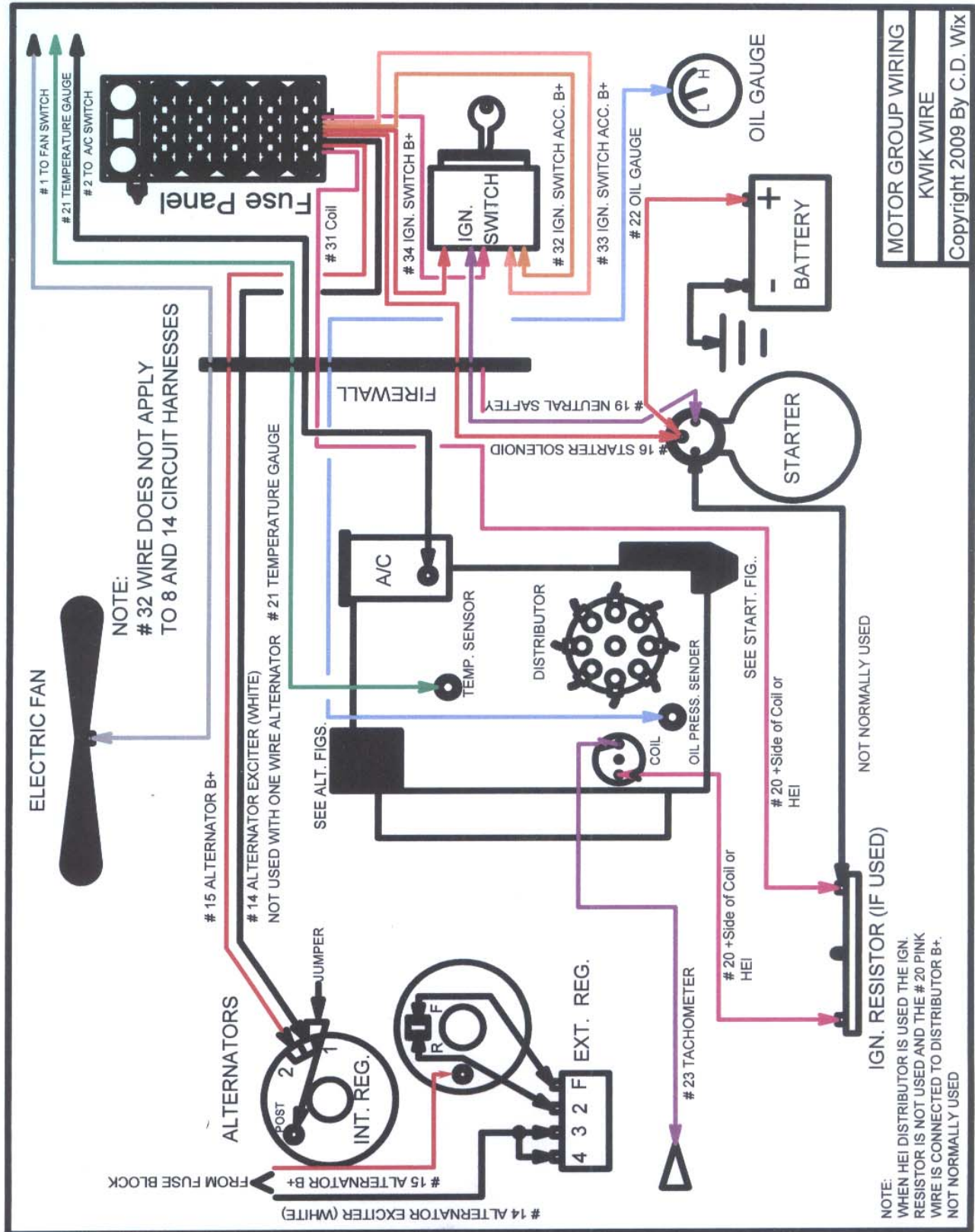
Wire #54 Red 18 Ga. (Electric Choke)

Originates from the fuse panel and connects to the positive side of the electric choke.

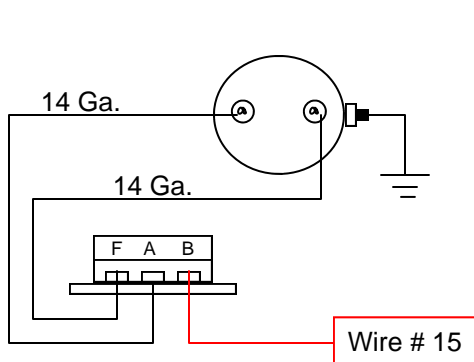
Wire #2 Black 14 Ga. (A/C Heat)

Originates from the fuse panel and connects to the thermostat switch power.

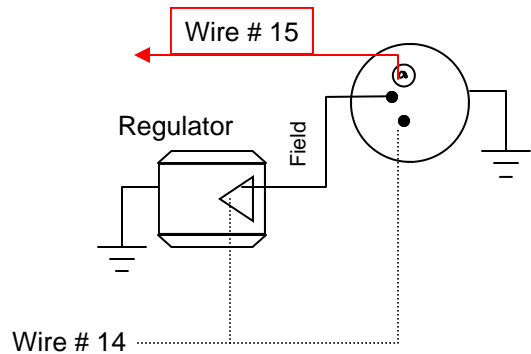
Motor Group



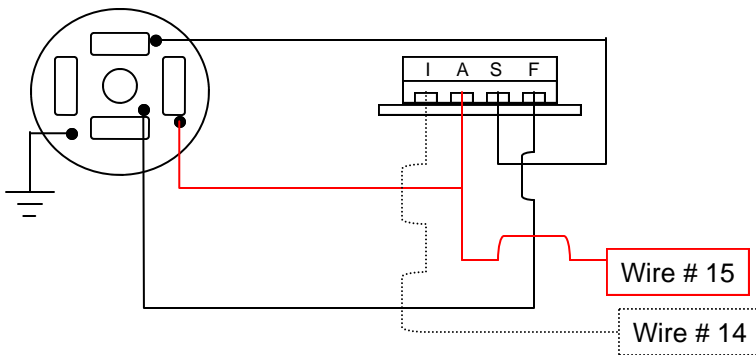
Alternators



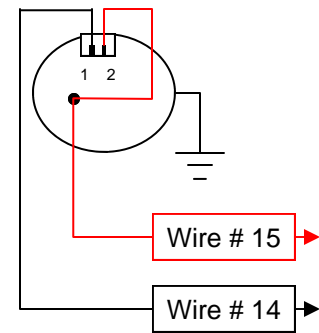
— Generator Charging System —



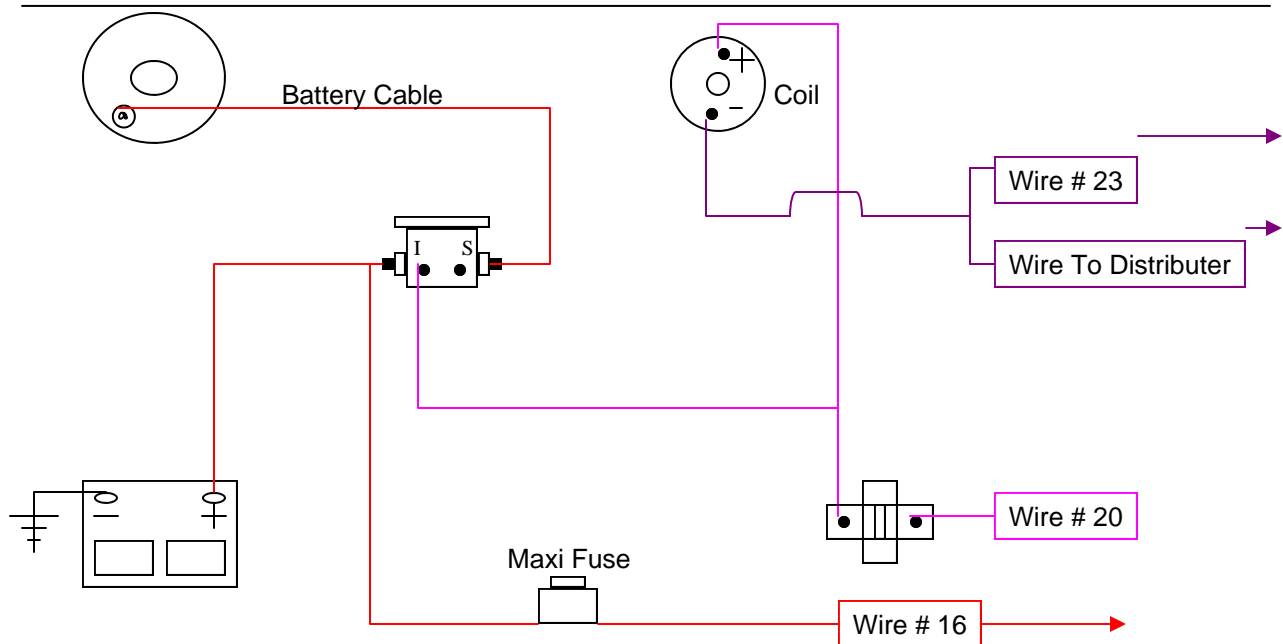
— Mopar Alternator —



— Ford Alternator —

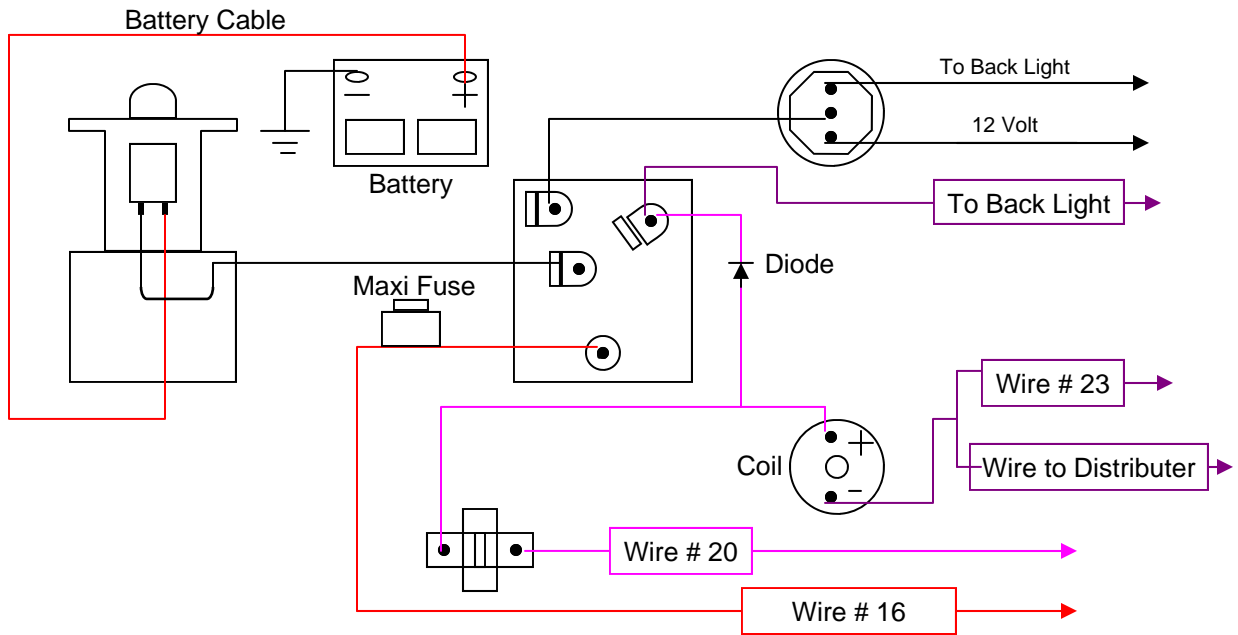


— GM Alternator —



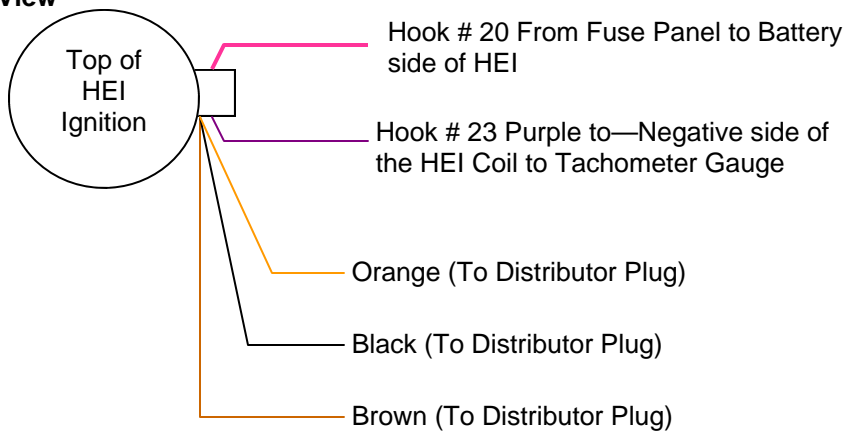
— Ford Ignition System —

— Mopar Ignition System —

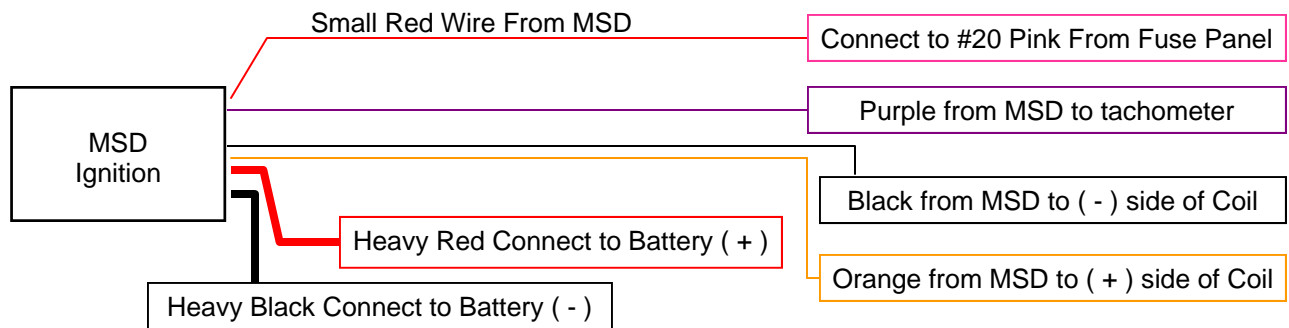


— G.M. HEI Ignition Hook Up —

****Top View**



— MSD Ignition Hook Up —



Headlight Group H-1

27 Brown (Parking Lights)

Originates from the headlight switch and connects to the parking lights

26 Lt. Blue (Left Front Turn)

Originates from the turn signal plug and connects to the left front turn signal light

25 Blue (Right Front Turn)

Originates from the turn signal plug and connects to the right front turn signal

24 Green (Horn)

Originates from the horn relay on the fuse panel and connects to the horn.
(Relay is built into the fuse panel)

9 Tan (Low Beam)

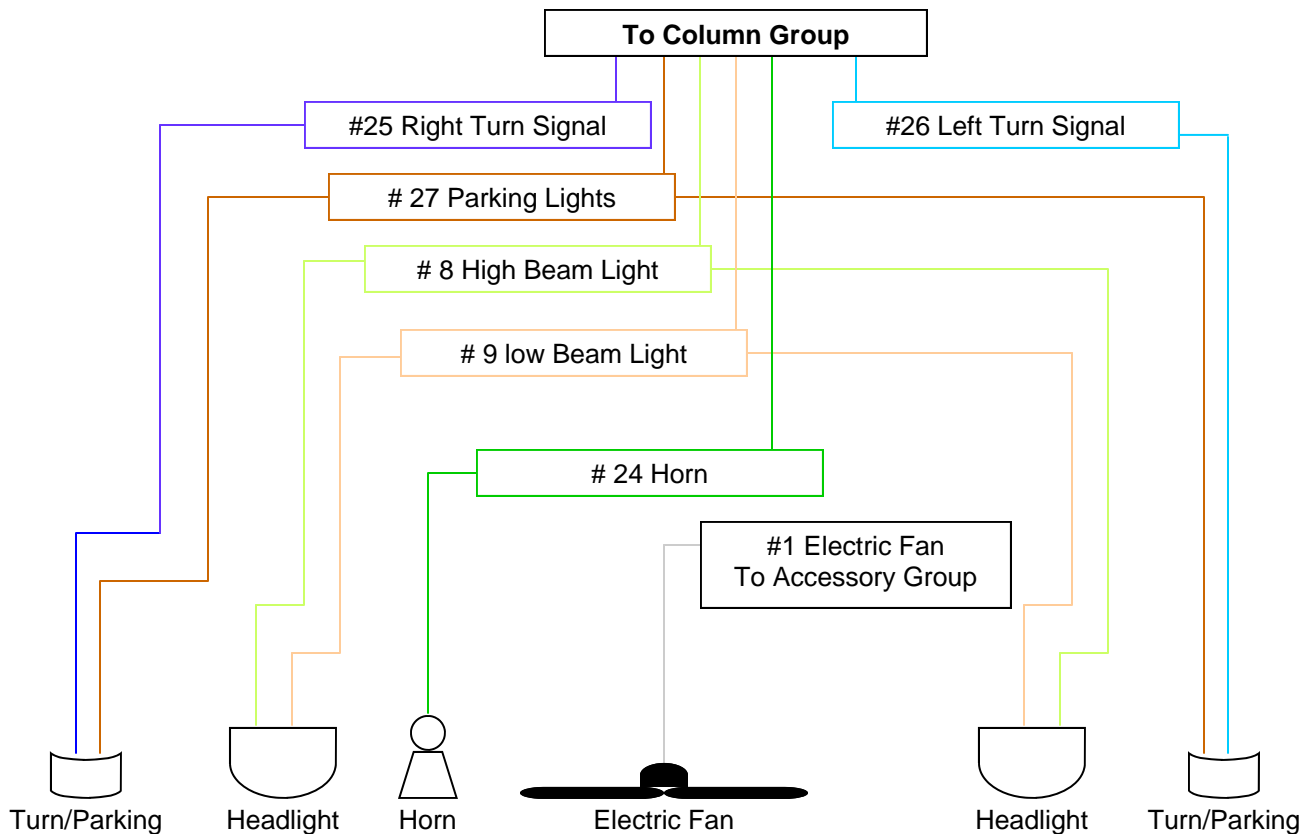
Originates from the dimmer switch and connects to the left and right low beam headlights

8 Lt. Green (High Beam)

Originates from the dimmer switch and connects to the left and right high beam headlights

1 Gray (Electric Fan)

Originates from the accessory switch group and connects to the fan power wire



Electric Fan

#1 Gray (Electric Fan)

Originates from the fan switch or relay and connects to the electric fan.
(This wire is located in the Accessory group switches)

6 Gray (Electric Fan)

Originates from the fuse panel and powers the trigger wire on the electric fan relay
(This wire is located in the Accessory switches group Battery Positive)

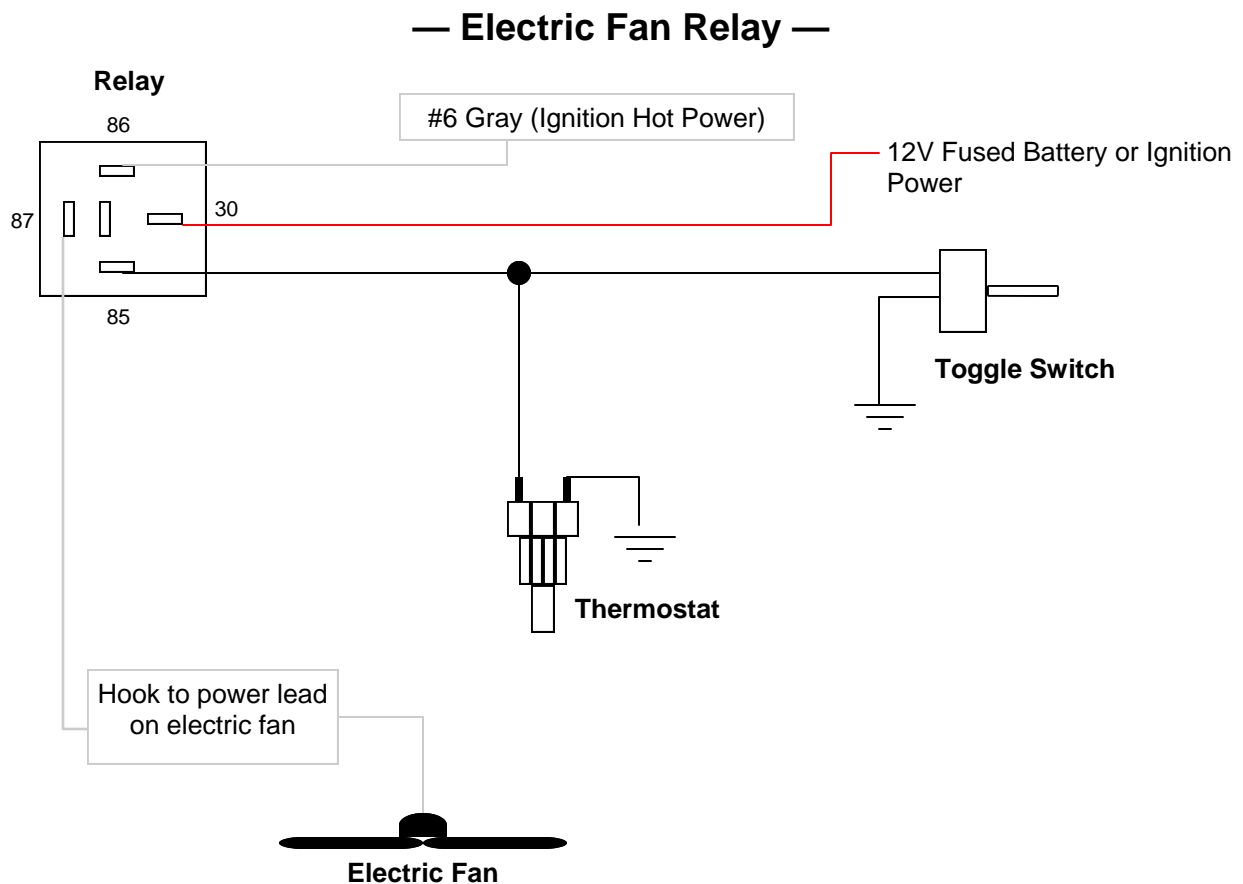
****Electric Fan Relay Kit is only included in the Add-on Option Kit****

Kwik Wire Pre-wired Relay Kit Part # 2078

Kwik Wire Relay Kit Part # 6060

Kwik Wire Thermostat Switch Part # 2079

Kwik Wire Adjustable Thermostat switch Part # 50801



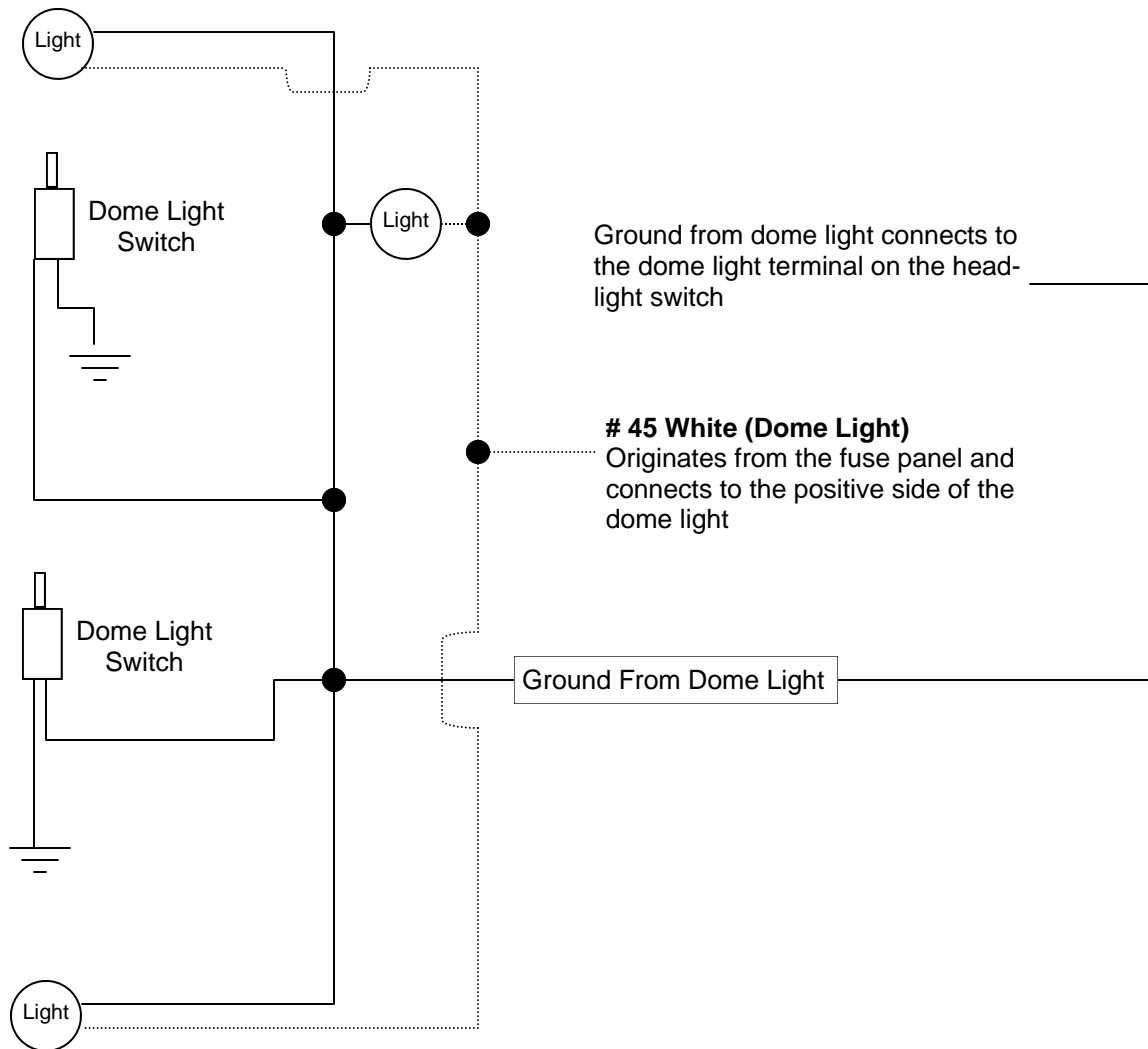
Dome Light

45 White (Dome Light)

Originates from the fuse panel and hooks to the positive side of all interior lighting.

Run a ground wire on the negative side of all interior lighting to all door jam switches as well as the headlight switch.

****All door jam switches and headlight switch must be grounded****



Accessory Group Battery Positive

— Accessory Switch Group —

Wire # 2 Black 14 Ga. (A/C Heat)

Connect to thermostat switch power

Wire # 1 Gray 14 Ga. (Electric Fan)

Originates from the relay or switch and connects to electric fan power lead.

— Accessory Group Battery Positive —

Wire # 3 Tan 14 Ga. (Cigarette Lighter)

Originates from the and connect to cigarette lighter battery positive terminal on the back of the lighter.

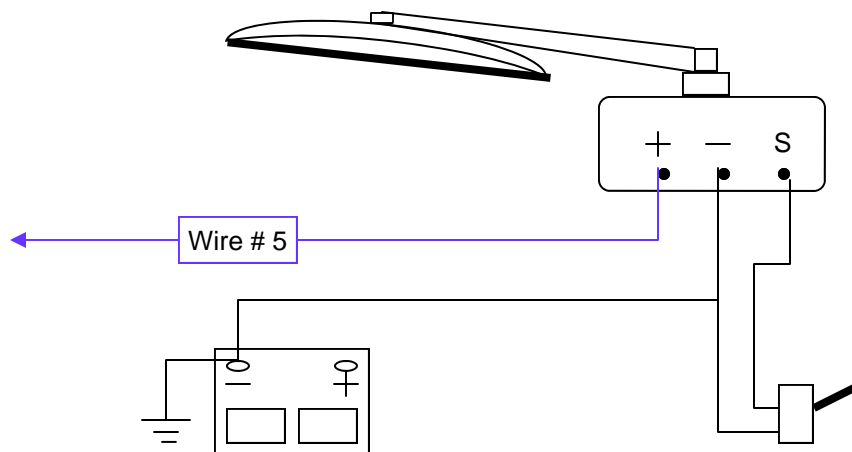
Wire # 4 Black 14 Ga. (A/C Heater Fan)

Originates from the Fuse Panel and connect to the heater fan switch battery positive.

Wire # 5 Blue 16 Ga. (Wiper)

Originates from the fuse panel and connect to windshield wiper switch battery terminal.

— Wiper Switch —



Instrument Group

Wire # 35 Red 16 Ga.

Originates from the fuse panel and connects to the positive side of each gauge

Wire # 30 Red 14 Ga.

Originates from the headlight switch and connects to the positive side of all dash lights

Wire # 21 Green 18 Ga. (Water Temperature Sender)

Originates from the temp gauge and connects to the temperature sending unit

Wire # 22 Lt. Blue 18 Ga. (Oil Pressure Sender)

Originates from the oil gauge and connects to the oil pressure sending unit

Wire # 23 Purple 18 Ga. (Tachometer)

Originates from the tachometer gauge and connects to tachometer

****Be sure to ground all gauges to a good clean ground****

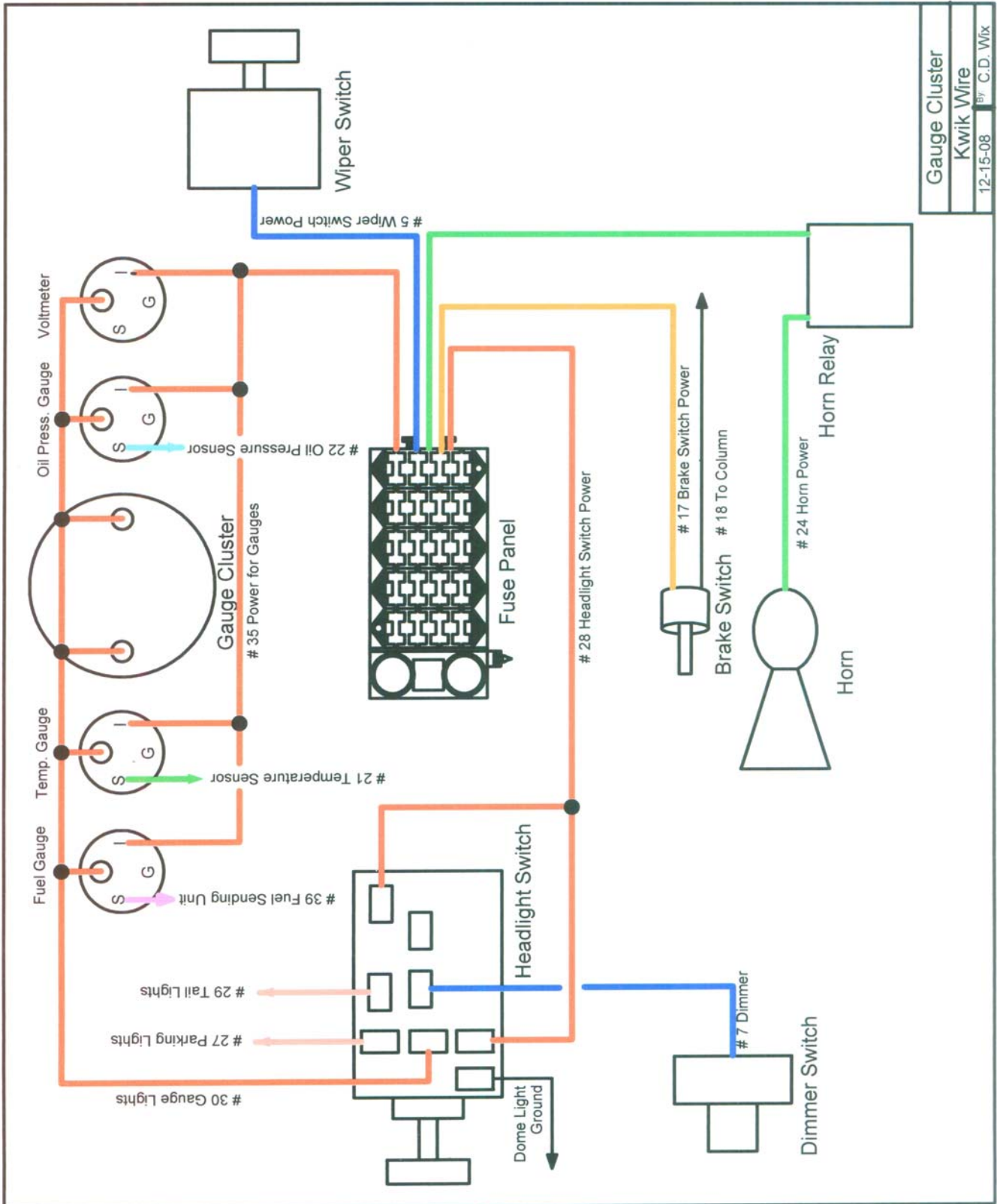
Wire # 53 Black 18 Ga.

Originates from the relay on fuse panel and connects to the horn button

Wire # 5 Blue 16 Ga.

Originates from the relay on fuse panel and connects to the positive terminal on the wiper switch

Instrument Group



Ignition Group

31 Pink (Coil)

Originates from the fuse panel and connects to the to the ignition switch terminal marked "IGN"

32 Brown (Ignition Switch Accessory)

Originates from the fuse panel and connects to the ignition switch terminal marked "ACC" - (22 Cir. Only)

33 Orange (Ignition Switch Accessory)

Originates from the fuse panel and connects to the ignition switch terminal marked "ACC"

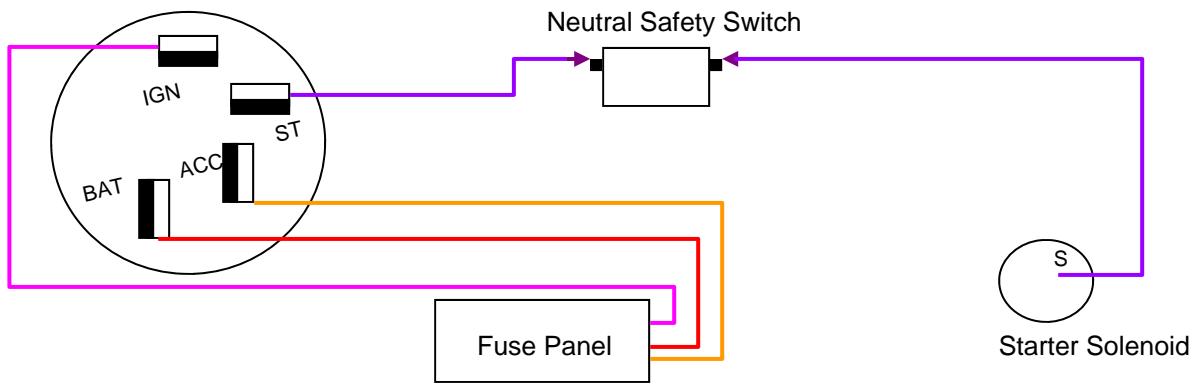
34 Red (Ignition Power)

Originates from the fuse panel and connects to the ignition switch terminal marked "BAT"

19 Purple (Neutral Safety)

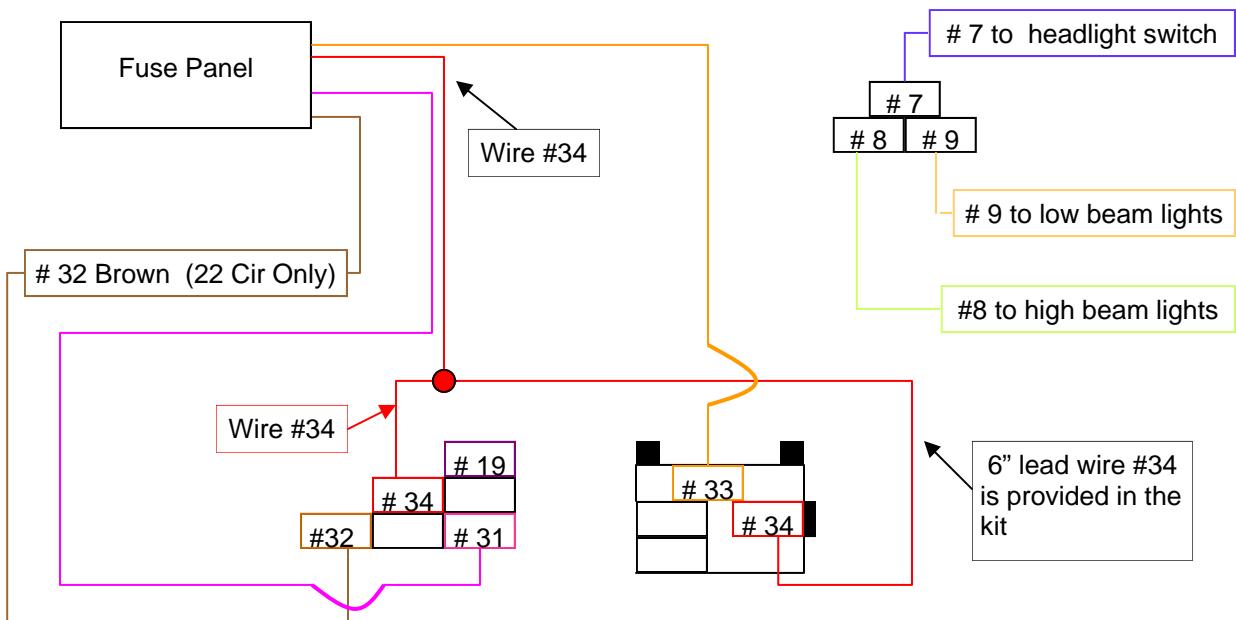
Originates from the ignition switch and connects to the neutral safety switch. (See page 20)

— Dash Mounted Ignition Switch —



— Key on the Column —

34 wire must go to both terminal blocks (Included in the bag of part 6" red wire)



Column/Turn Signal Group

53 Black (Horn Ground)

Originates from the horn relay located on the fuse panel and connects to the "G" terminal on the GM turn signal plug

52 Purple (Turn Flasher Power)

Originates from the turn flasher located on the fuse panel and connects to the "L" terminal on the GM turn signal plug

51 Brown (Emergency Flasher Power)

Originates from the turn flasher located on the fuse panel and connects to the "K" terminal on the GM turn signal plug

49 Yellow (Left Rear Turn Signal)

Originates from the "M" terminal of the GM turn signal plug and connects to the left rear turn signal

48 Lt. Green (Right Rear Turn Signal)

Originates from the "N" terminal of the GM turn signal plug and connects to the right rear turn signal

26 Lt. Blue (Left Front Turn Signal)

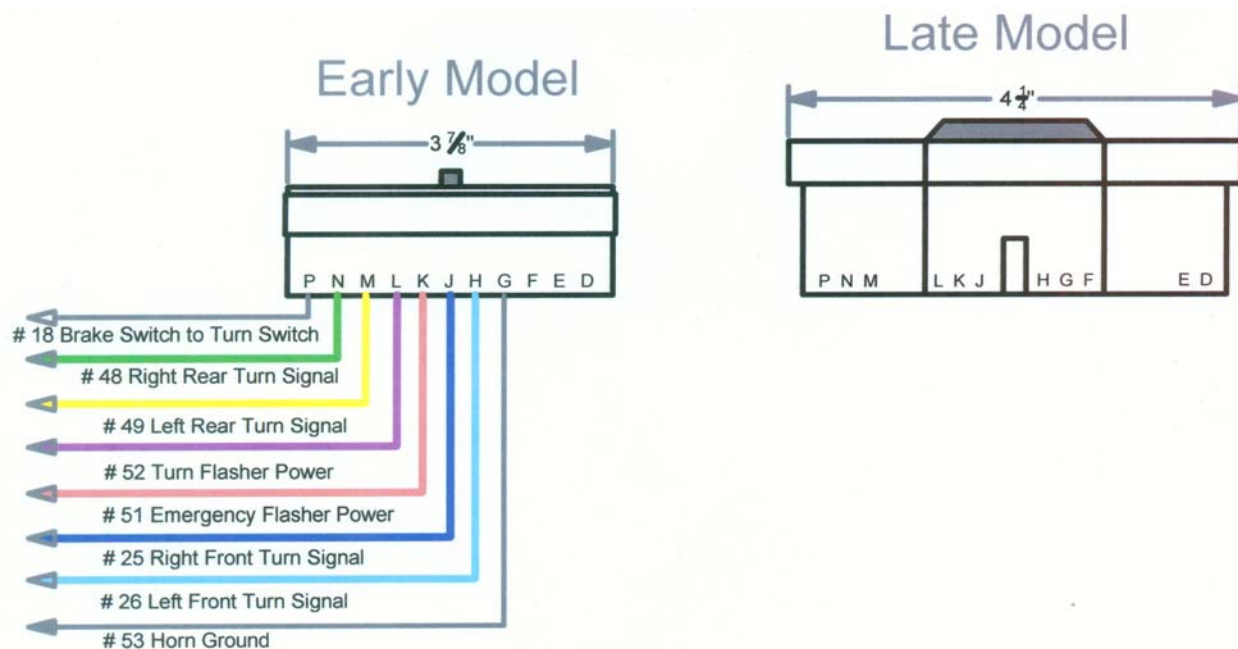
Originates from the "H" terminal of the GM turn signal plug and connects to the left front turn signal

25 Blue (Right Front Turn Signal)

Originates from the "J" terminal of the GM turn signal plug and connects to the right front turn signal

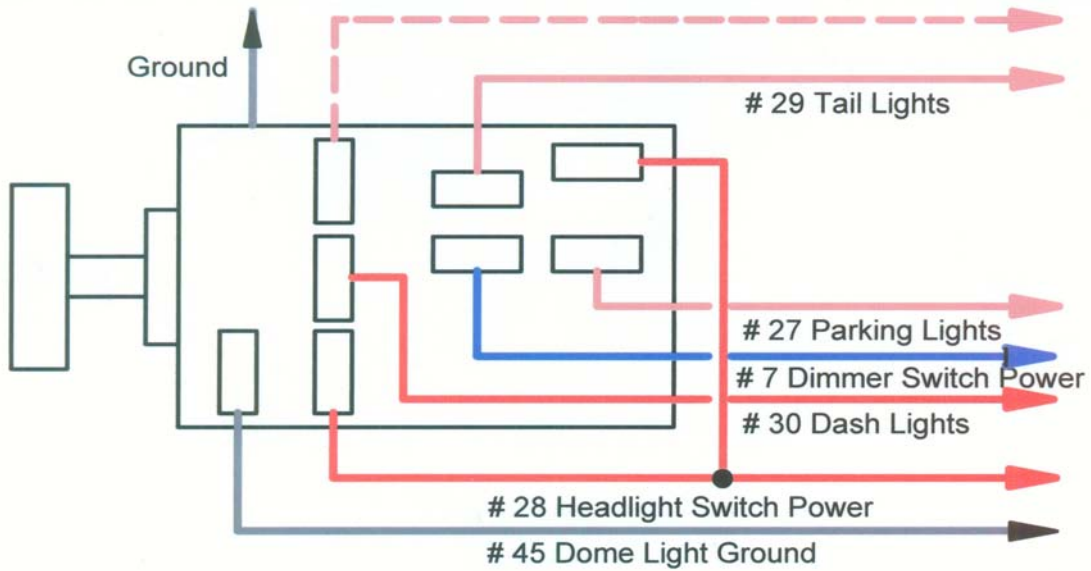
18 White (Brake Switch to Turn Switch)

Originates from the brake switch and connects to the turn signal switch terminal "P"



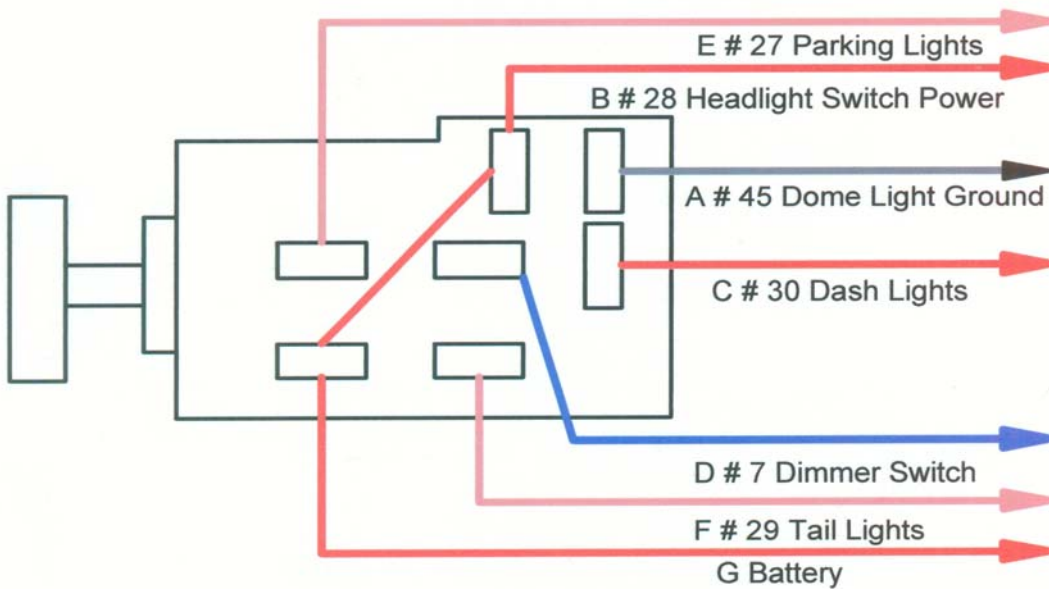
*Late model is wired exactly as early model.

Headlight Switches



G.M. Headlight Switch

Note: On late G.M. style headlight switch the parking light terminal wire # 27 is connected also. Has been omitted in this case. Hook wire # 27 to the dotted line as in the drawing.



Ford Headlight Switch

Radio Group

40 Red (Radio Constant)

Originates from the fuse panel and connects to the radio memory wire

41 Red (Radio Ignition)

Originates from the fuse panel and connects to the radio ignition hot wire

42 Purple (Power Antenna Signal)

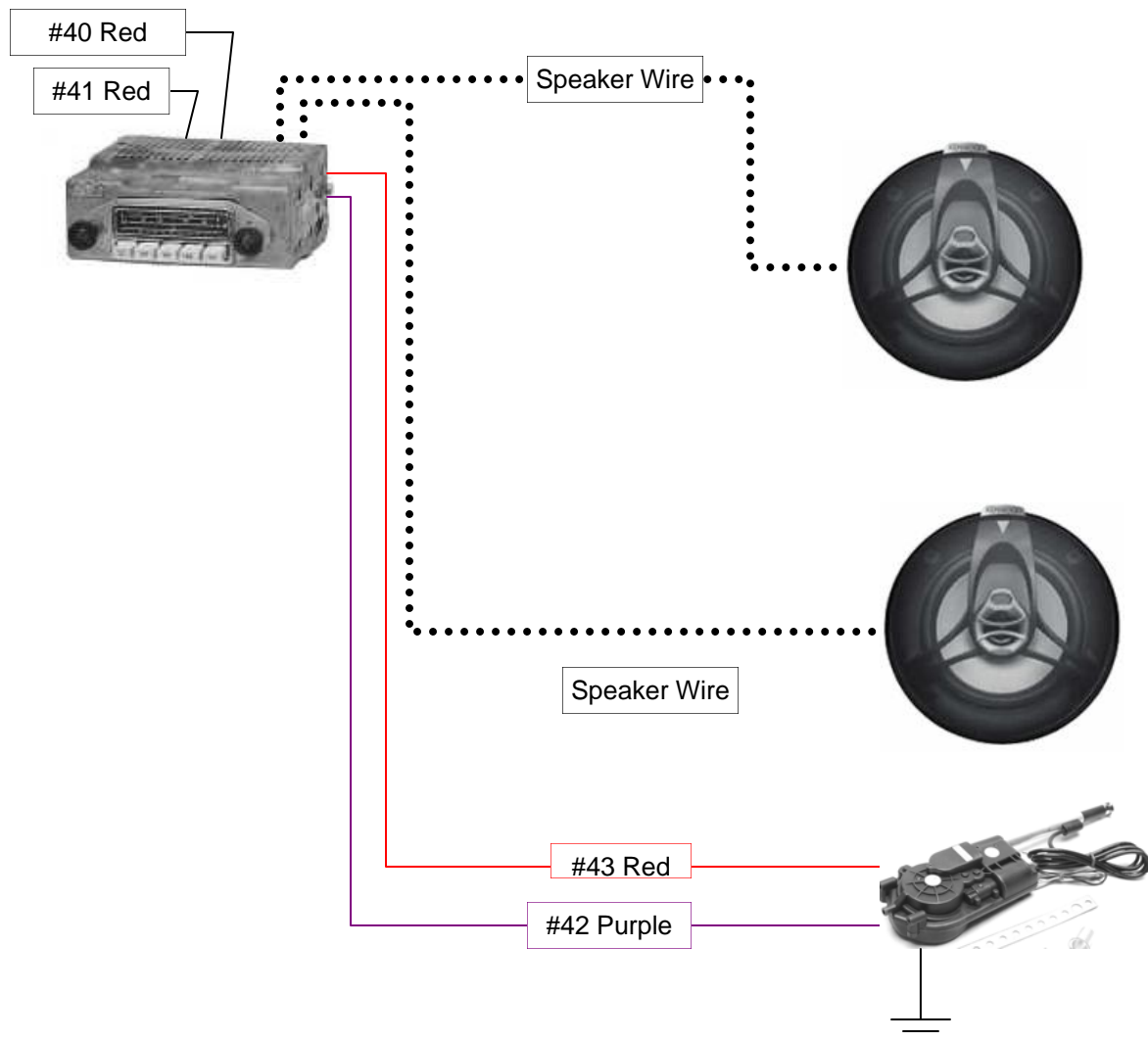
Originates from the radio group and connects to signal wire on your power antenna

43 Red (Power Antenna Constant Hot)

Originates from fuse panel and connects to 12 volt power wire on your power antenna

Speaker Wire

Originates from the radio group and connects to the rear speaker



Cruise Control and Back Up Light Group

57 Pink (Cruise Control) *22 Circuit Kwik Wire Harness ONLY*****

Originates from the fuse panel and connects to the cruise control power wire.

56 Green (Back up Lights)

Originates from the back up light switch and connects to the back up lights.

58 Lt. Green (Back Up Light Switch Power)

Originates from the fuse panel and connects to the back up light switch power wire.

— Power Door D-1 Group —

10 Yellow (Right Door Lock)

Originates from fuse panel and connects to power wire on right power door locks

11 Yellow (Right Power Window)

Originates from fuse panel and connects to power wire on right power window switch

— Power Door D-2 Group —

12 Yellow (Left Door Lock)

Originates from the fuse panel and connects to the power wire on the left power door locks

13 Yellow (Left Power Window)

Originates from the fuse panel and connects to power wire on the left power window switch

— Power Seat Group —

26 Circuit Only

#50 Lt.GREEN (Power Seat)

Originates from the fuse panel and connects to the power wire on the power seat switch

— Power Top Group —

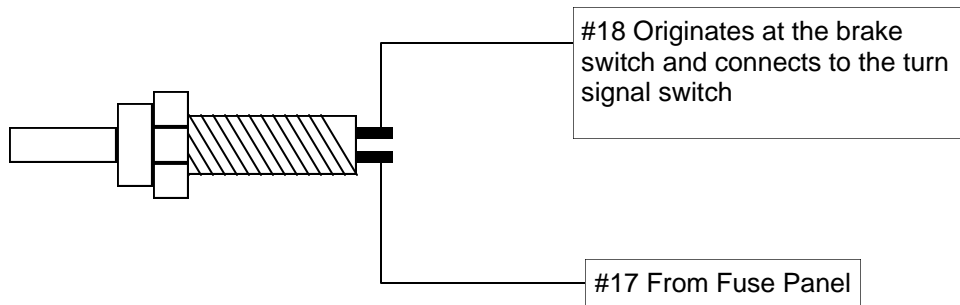
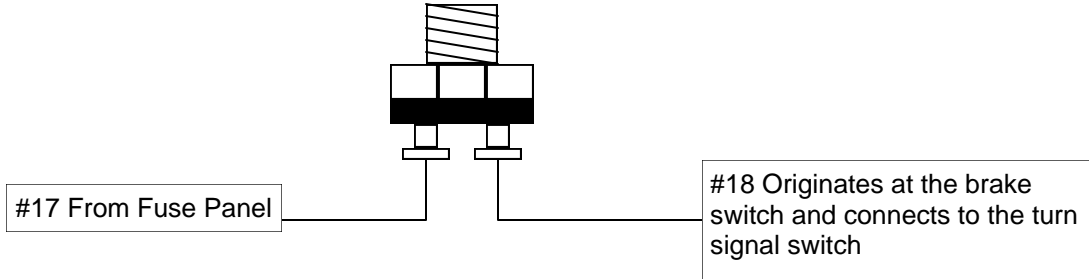
26 Circuit Only

#59 Tan (Power Top)

Originates from the fuse panel and connects to the power wire on the power top switch

Brake Switch

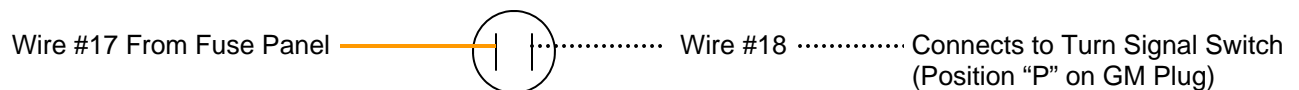
Hydraulic Brake Switch



17 Orange (Brake power)
Connect to battery side of brake switch

18 White (Brake)
Originates from the brake light switch and hook to turn signal switch

Brake Switch



Tail Lights

#29 Brown (Tail Light)

Originates from the headlight switch and connects to the tail lights and also the license plate light.

#48 Green (Right Rear Turn Signal)

Originates from the turn signal switch and connects to the right rear turn lamp.

#49 Yellow (Left Rear Turn Signal)

Originates from the turn signal switch and connects to the left rear turn lamp.

Note: On most applications, the brake lights and turn signal wires are the same filament. In this situation you only need to hook up wires # 48 & # 49 the brake lights will work through the turn signal switch on the column

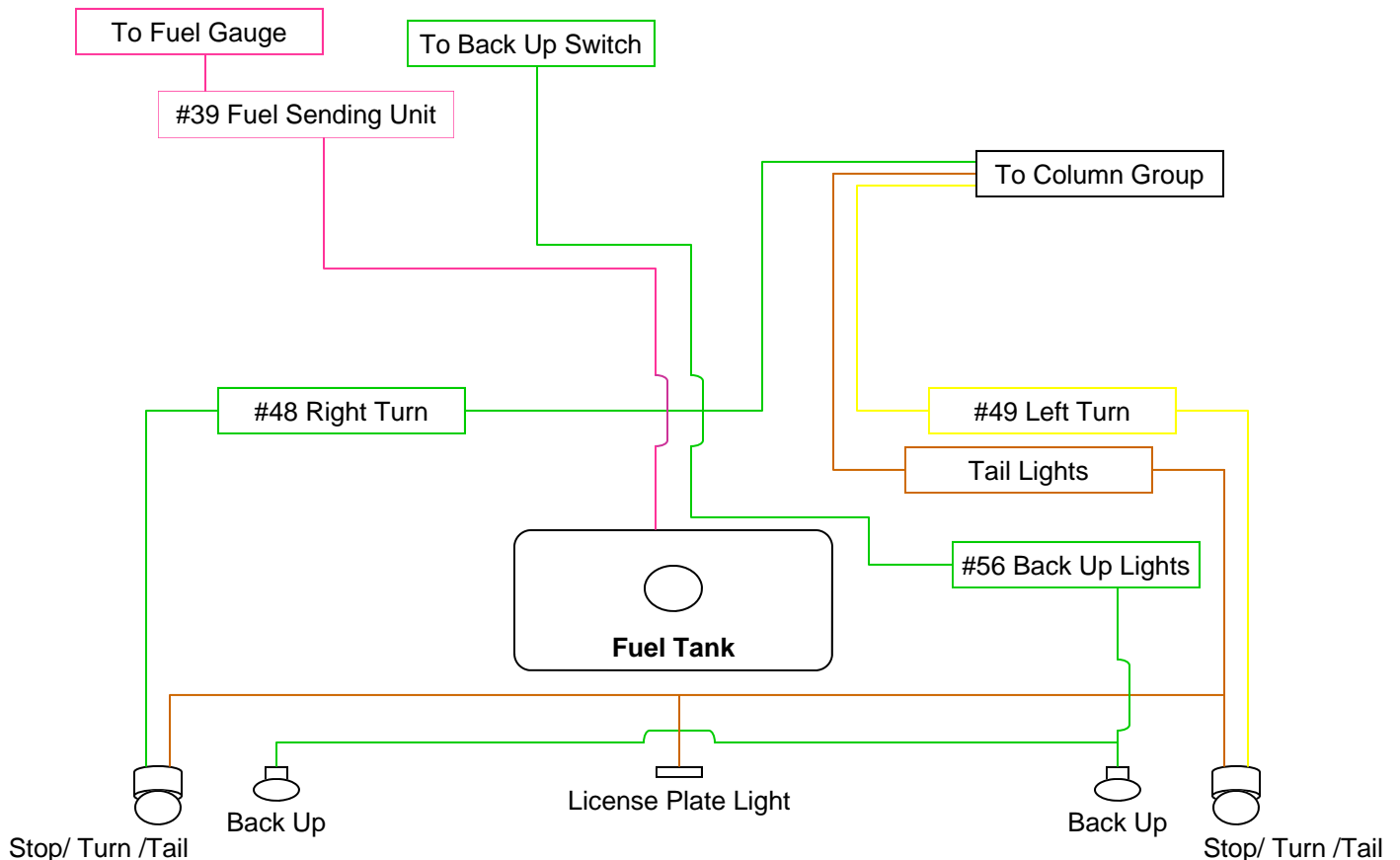
#55 Orange (Third Brake Light)

Originates from the brake light wire #18 and connects to the third brake light **ONLY**

56 Green (Back up Lights)

Originates from the back up light switch and connects to the rear back up lights

****Make sure fuel tank and all lights are grounded to a good clean ground****



Tail Group

39 Pink (Fuel Sending Unit)

Originates from the Fuel sender and connects to the fuel gauge "S" terminal.

47 Yellow (Fuel Pump Power)

Originates from the fuse panel and connects to the fuel pump.

Note: You may need to relay the fuel pump. Check the fuel pump instructions.

42 Purple (Power Antenna Signal)

Originates from the Radio Group and connects to the power antenna signal wire.

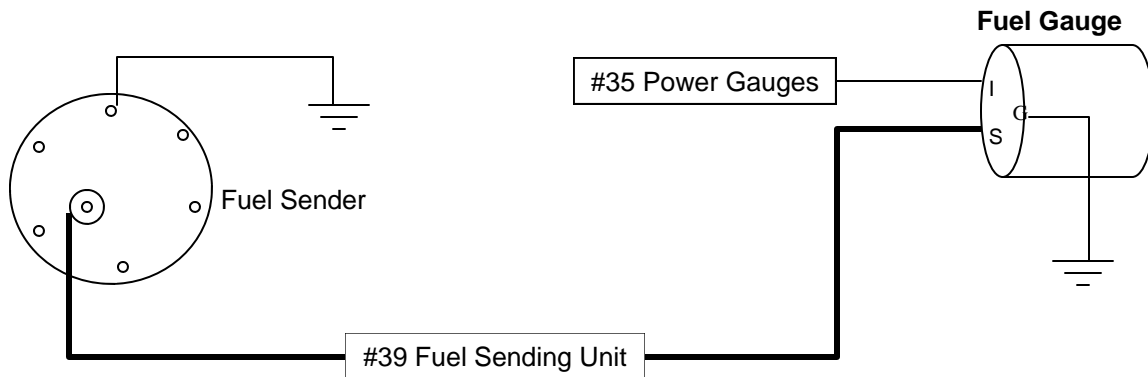
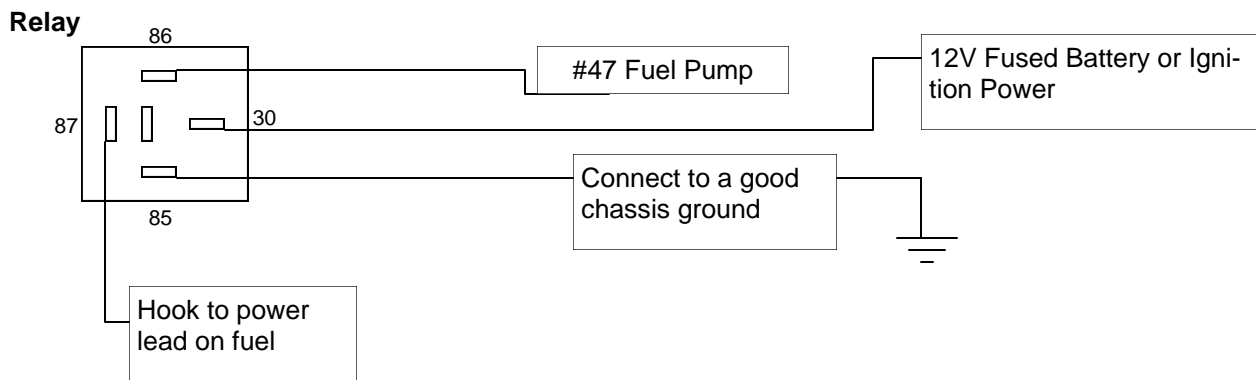
43 Red (Power Antenna Constant Hot)

Originates from the Fuse panel and connects to the power antenna power wire.

46 Green (Trunk Light)

Originates from the fuse pane and connects to the positive side of the trunk light.

— Fuel Pump Relay —



STREET ROD WIRING POSTER USING GM COMPONENTS

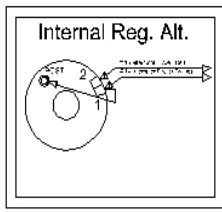
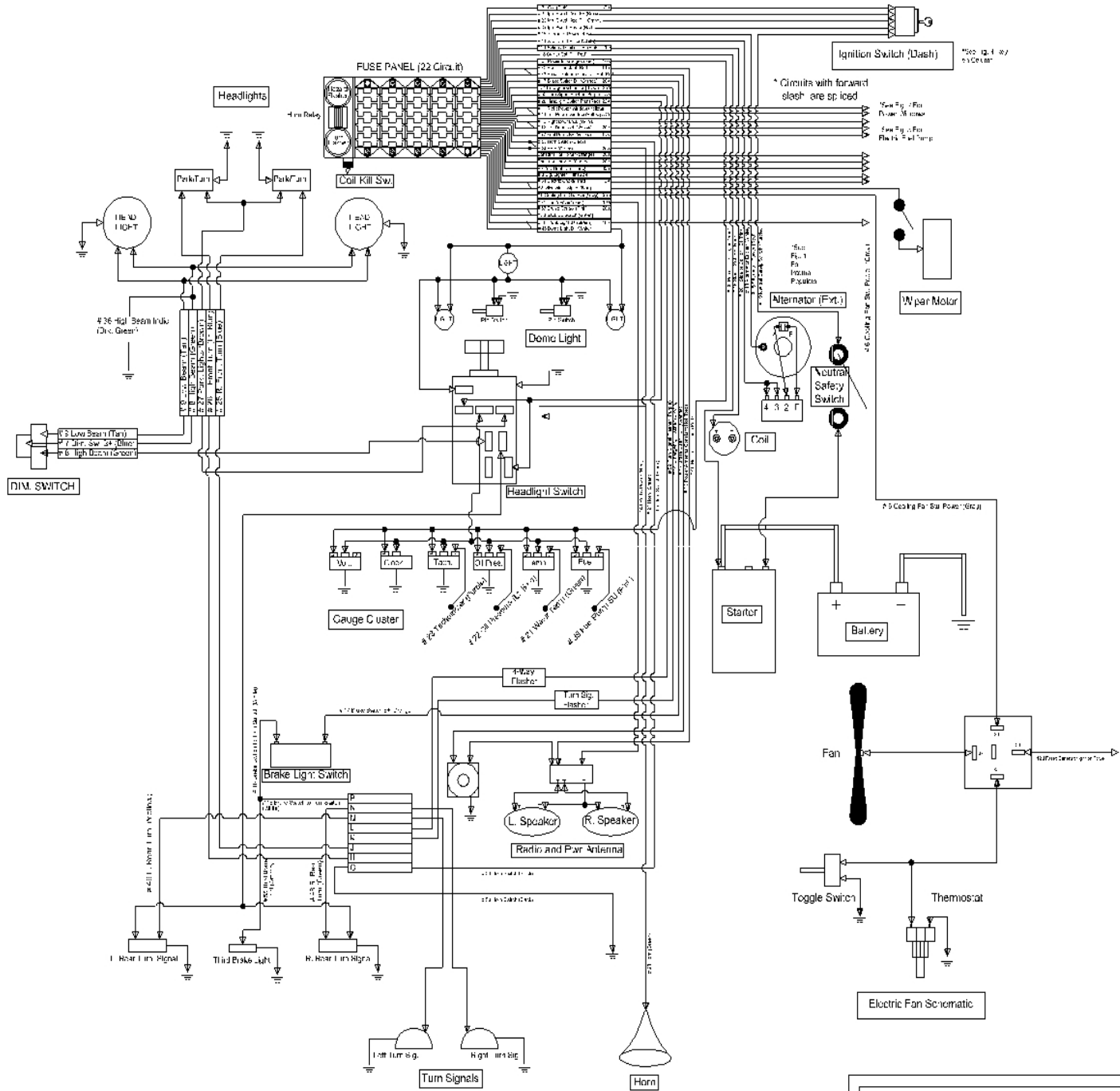


Figure 1

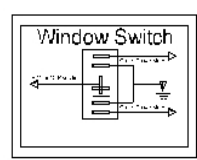


Figure 2

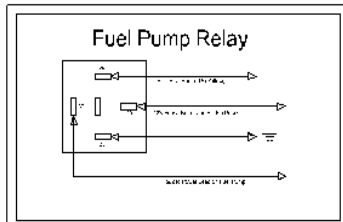


Figure 3

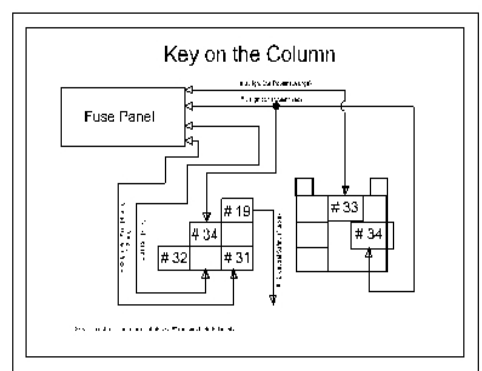


Figure 4

Wire Functions

WIRE	FUNCTION
1	Switched Wire
2	Switched Wire
3	Constant Hot Wire
4	Ignition Hot Wire
5	Ignition Hot Wire
6	Ignition Hot Wire
7	Headlight Switch Power
8	Headlight Switch Power
9	Headlight Switch Power
10	Ignition Hot Wire
11	Constant Hot Wire
12	Ignition Hot Wire
13	Constant Hot Wire
14	Ignition Hot Wire (Not Fused)
15	Constant Hot Wire (Not Fused)
16	Constant Hot Wire (Not Fused)
17	Constant Hot Wire
18	Switched Wire
19	Switched Wire
20	Ignition Hot Wire
21	Sending Unit Wire
22	Sending Unit Wire
23	Sending Unit Wire
24	Constant Hot Wire
25	Switched Wire
26	Switched Wire
27	Headlight Switch Power
28	Headlight Switch Power
29	Headlight Switch Power
30	Headlight Switch Power

WIRE	FUNCTION
31	Ignition Hot Wire
32	Ignition Hot Wire (Not Fused)
33	Ignition Hot Wire (Not Fused)
34	Constant Hot Wire (Not Fused)
35	Ignition Hot Wire
36	Indicator
37	Indicator
38	Indicator
39	Sending Unit Wire
40	Constant Hot Wire
41	Ignition Hot Wire
42	Switched Wire
43	Constant Hot Wire
45	Constant Hot Wire
46	Constant Hot Wire
47	Ignition Hot Wire
48	Switched Wire
49	Switched Wire
50	Constant Hot Wire
51	Constant Hot Wire
52	Ignition Hot Wire
53	Ground
54	Ignition Hot Wire
55	Switched Wire
56	Switched Wire
57	Ignition Hot Wire
58	Ignition Hot Wire
59	Ignition Hot Wire
60	Constant Hot Wire

Headlight Switch Part # 70701-A



Headlight Switch Part # 70701



Dimmer Switch Part # 70705



Ignition Switch Part # 70702 B



Wiper Switch Part # 99002



Battery Disconnect Part # 1003



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Turn Signal Switch Part # 6021



Turn Signal Switch Part # 6020



Horn Switch Part # 3054



HEI Connector Power & Tach Part # 450



Weather Pack Tray Part # 3019