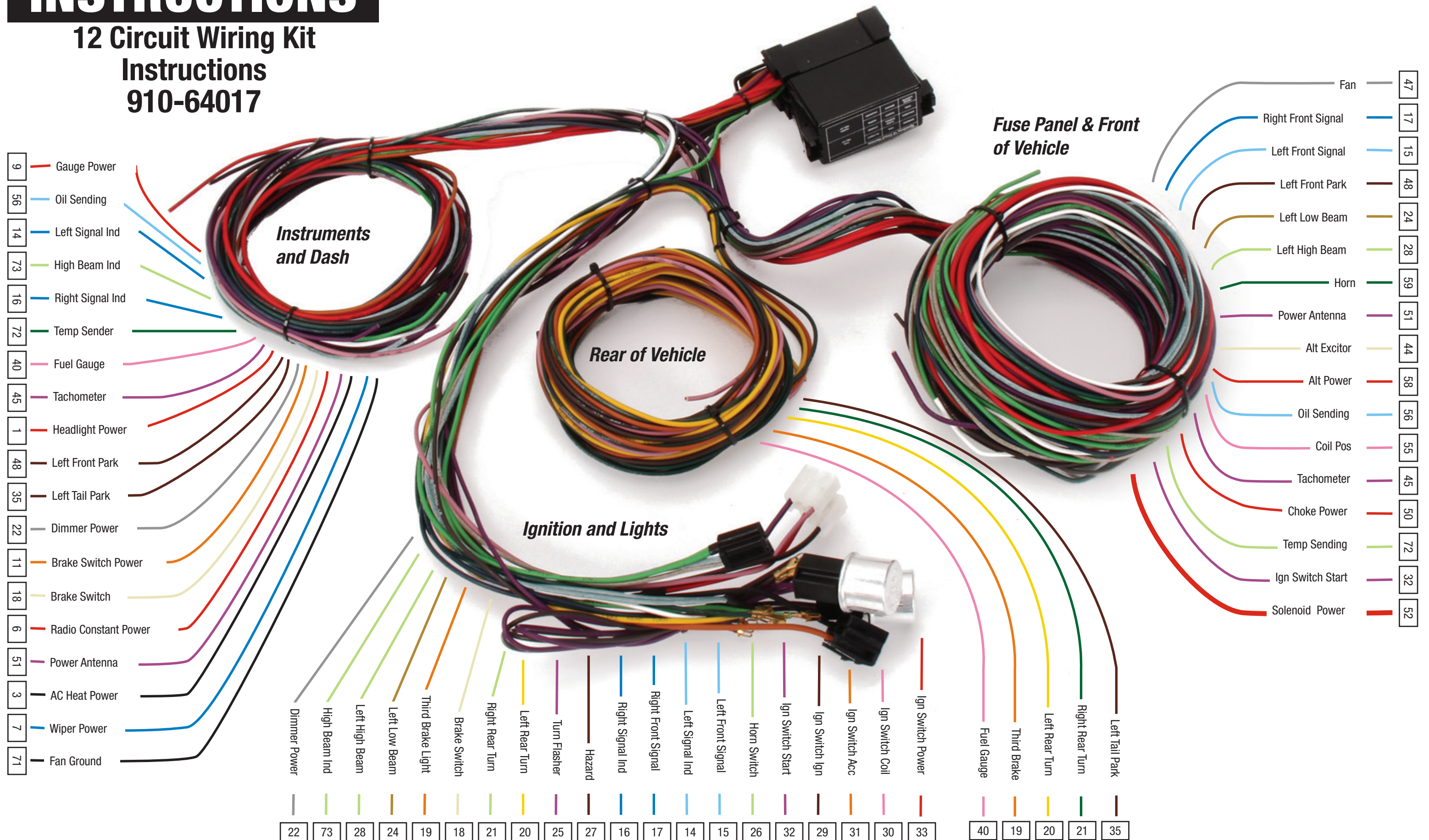


# INSTRUCTIONS

## 12 Circuit Wiring Kit

### Instructions

#### 910-64017



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#### Fuse Panel

This fuse panel is designed to be mounted under a dash away from the elements.

#### Front of vehicle connections

Run gray [47] to fan positive + wire. Run fan ground wire- to chassis ground. Black (71) is fan relay ground and routes to temperature sensor in engine, toggle switch going to ground, or direct to ground if you want fan to run continuous when key is in run position.

Run the dark green horn feed (59) wire to the positive connection on your horn.

Run the purple power antenna wire (51) to the positive connection on your power antenna unit.

Run the dark blue right front turn signal (17) wire to the high side of your right front dual filament turn signal bulb.

Run the light blue left front turn signal (15) wire to the high side of your left front dual filament turn signal bulb.

Run the brown left front park (48) wire to the low side of your left front dual filament turn signal bulb.

Run the brown right front park (49) wire to the low side of your right front dual filament turn signal bulb.

Run the light green left high beam (28) wire to the high side of your left front headlight

Run the light green right high beam (54) wire to the high side of your right front headlight

Run the tan right low beam (53) wire to the low side of your right front headlight

Run the tan left low beam (24) wire to the low side of your left front headlight

Run the white alternator exciter (44) wire to the 1 terminal on your GM alternator. If you are using a one wire alternator this wire can be trimmed out of harness.

Run the red alternator power (58) wire to terminal 2 on your GM alternator. If you're using a one wire alternator this wire will run to the charging post on the alternator.  
NOTE: If using an alternator with 80 amps or more, you must use the bypass wire [75] included with harness. Connect the bypass wire to the red alternator post then to starter solenoid where the positive battery cable connects.

Run the light blue oil sending unit (56) wire to the oil pressure sending unit. If you're using a mechanical oil pressure gauge this wire can be trimmed out of the harness.

Run the pink coil positive (55) wire to either the battery side of a GM HEI distributor or the ballast resistor on a points style distributor. If you're using an aftermarket ignition modules please follow its instructions for specific directions  
Run the purple tachometer (45) wire to the tach terminal on a GM HEI distributor, the negative side of the coil, or to a tach connector on an aftermarket ignition module.

Run the red choke power (50) wire to the positive terminal on your electric choke.

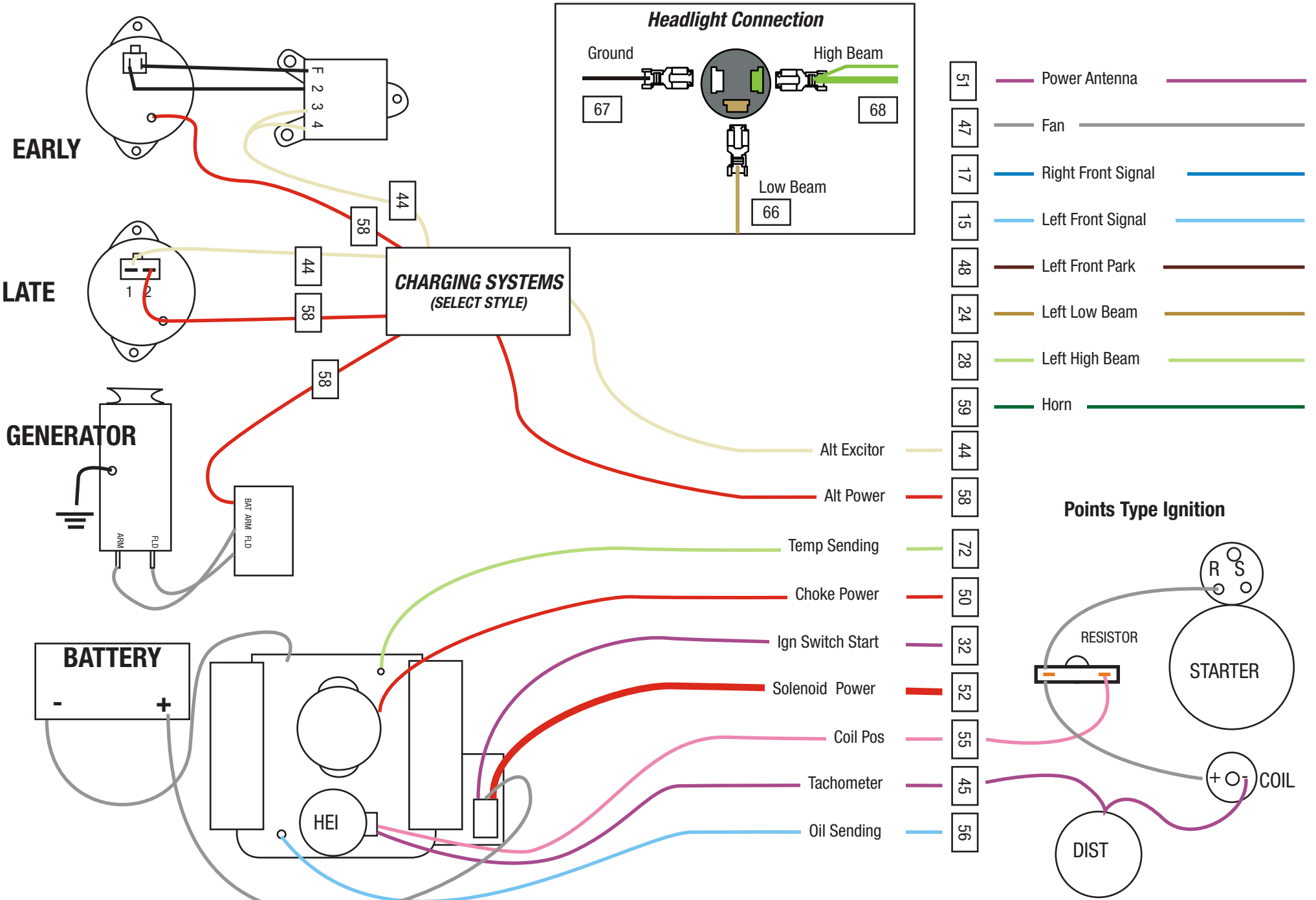
Run the green temperature sender (72) wire to the temperature sending unit.

Run the purple ignition switch start wire (32) to the S terminal on your starter.

Run the red solenoid power (52) to the battery terminal on your starter.  
NOTE: You MUST install the fusible link wire [69] inline at starter. FAILURE TO INSTALL THE FUSIBLE LINK VOIDS ANY AND ALL WARRANTY ON THIS HARNESS.

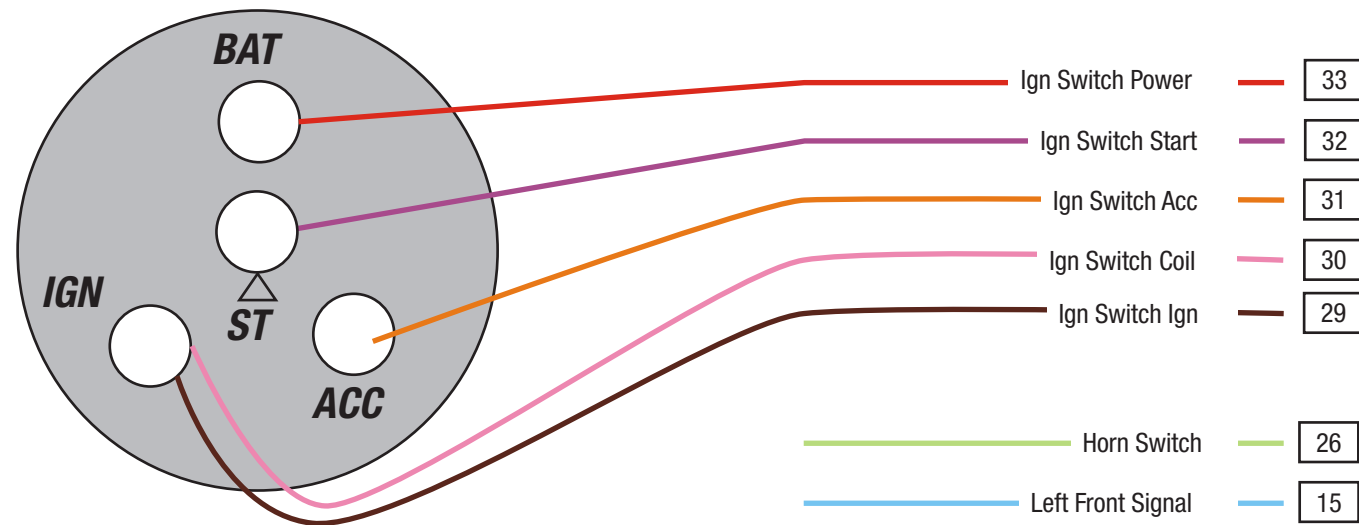
| WIRE # | COLOR       | PRINTING           |
|--------|-------------|--------------------|
| 51     | Purple      | Power Antenna      |
| 47     | Gray        | Fan                |
| 17     | Dark Blue   | Right Front Signal |
| 15     | Light Blue  | Left Front Signal  |
| 48     | Brown       | Left Front Park    |
| 24     | Tan         | Left Low Beam      |
| 28     | Light Green | Left High Beam     |
| 59     | Dark Green  | Horn               |

| WIRE # | COLOR       | PRINTING         |
|--------|-------------|------------------|
| 44     | White       | Alt Excitor      |
| 58     | Red         | Alt Power        |
| 72     | Light Green | Temp Sending     |
| 50     | Red         | Choke Power      |
| 32     | Purple      | Ign Switch Start |
| 52     | Red         | Solenoid Power   |
| 55     | Pink        | Coil Pos         |
| 45     | Purple      | Tachometer       |
| 56     | Light Blue  | Oil Sending      |

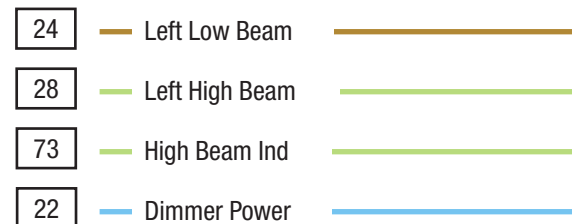
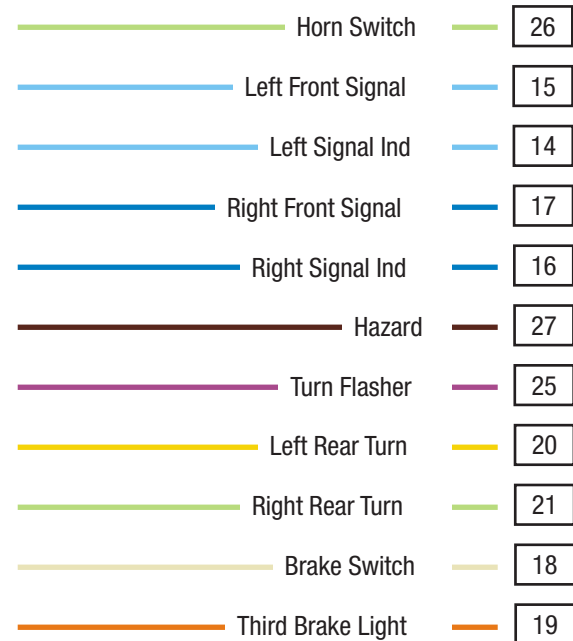


# INSTRUCTIONS

## 12 Circuit Wiring Kit Instructions 910-64017

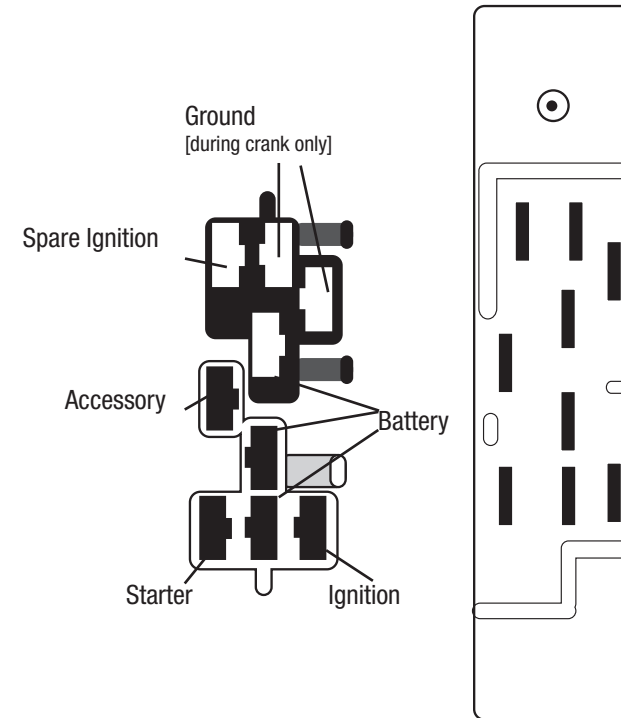


| WIRE # | COLOR       | PRINTING           |
|--------|-------------|--------------------|
| 33     | Red         | Ign Swtich Power   |
| 32     | Purple      | Ign Swtich Start   |
| 31     | Orange      | Ign Switch Acc     |
| 30     | Pink        | Ign Swtich Coil    |
| 29     | Brown       | Ign Swtich Ign     |
| 26     | Light Green | Horn Swtich        |
| 15     | Light Blue  | Left Front Signal  |
| 14     | Light Blue  | Left Signal Ind    |
| 17     | Dark Blue   | Right Front Signal |
| 16     | Dark Blue   | Right Signal Ind   |
| 27     | Brown       | Hazard             |
| 25     | Purple      | Turn Flasher       |
| 20     | Yellow      | Left Rear Turn     |
| 21     | Light Green | Right Rear Turn    |
| 18     | White       | Brake Swtich       |
| 19     | Orange      | Thrid Brake Llight |
| 24     | Tan         | Left Low Beam      |
| 28     | Light Green | Left High Beam     |
| 73     | Light Green | High Beam Ind      |
| 22     | Gray        | Dimmer Power       |



## Ignition Switch Connection Kit GM Column Mount 910-64027-3

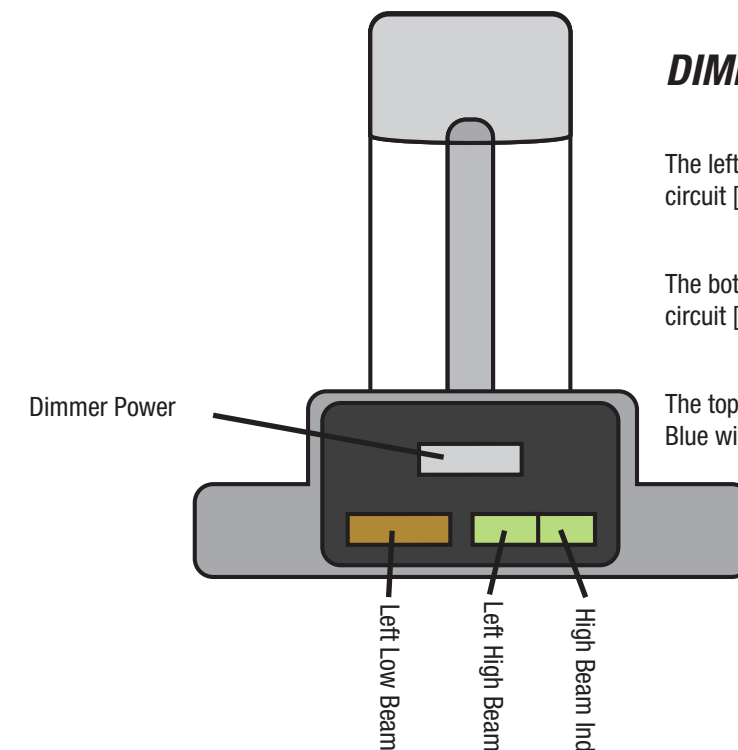
### COLUMN MOUNTED IGNITION SWITCH [GM STYLE]



Use supplied harness plugs and the appropriate wiring diagram for your switch to determine which wires will go where. GM used multiple style switches with different wiring pin outs; please verify which style you need. Our cavity diagram is a generic one that is common for most GM vehicles.

Once the wires are installed in their appropriate cavity, the white plug will be plugged into the switch first using the black connector to secure it in place. Even if there are no wires in the black pigtail plug in the connector to retain the white one.

### DIMMER SWITCH



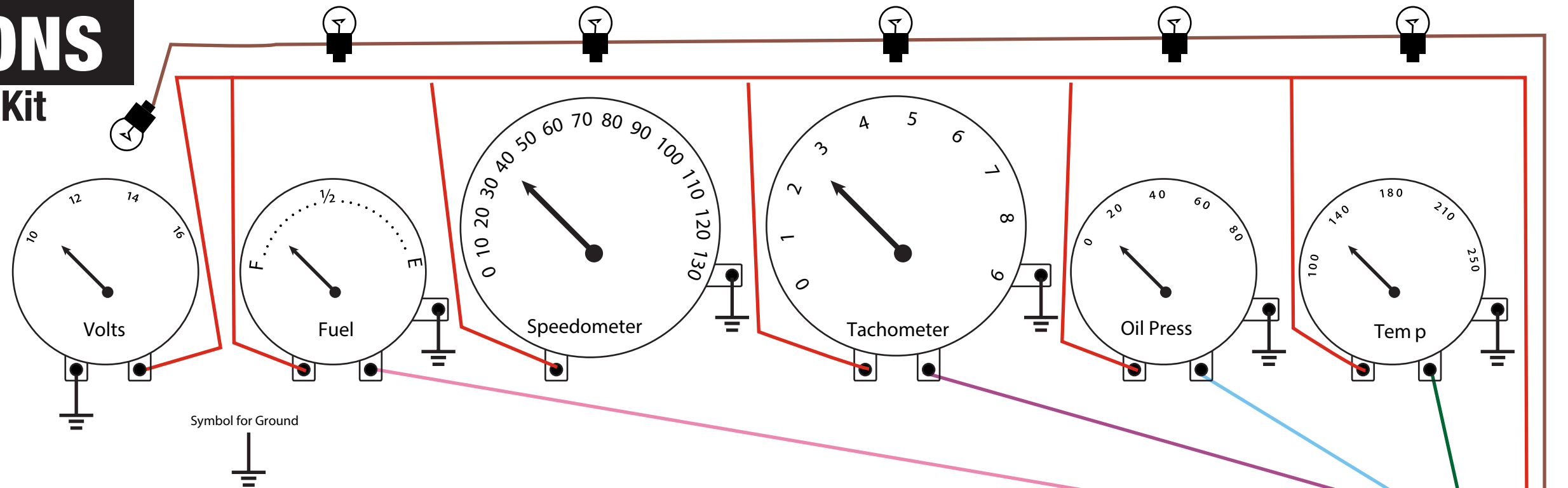
The left bottom wire will run to your low beam control circuit [tan wire #24]

The bottom right wires will run your high beam control circuit [green wires #28 and 73]

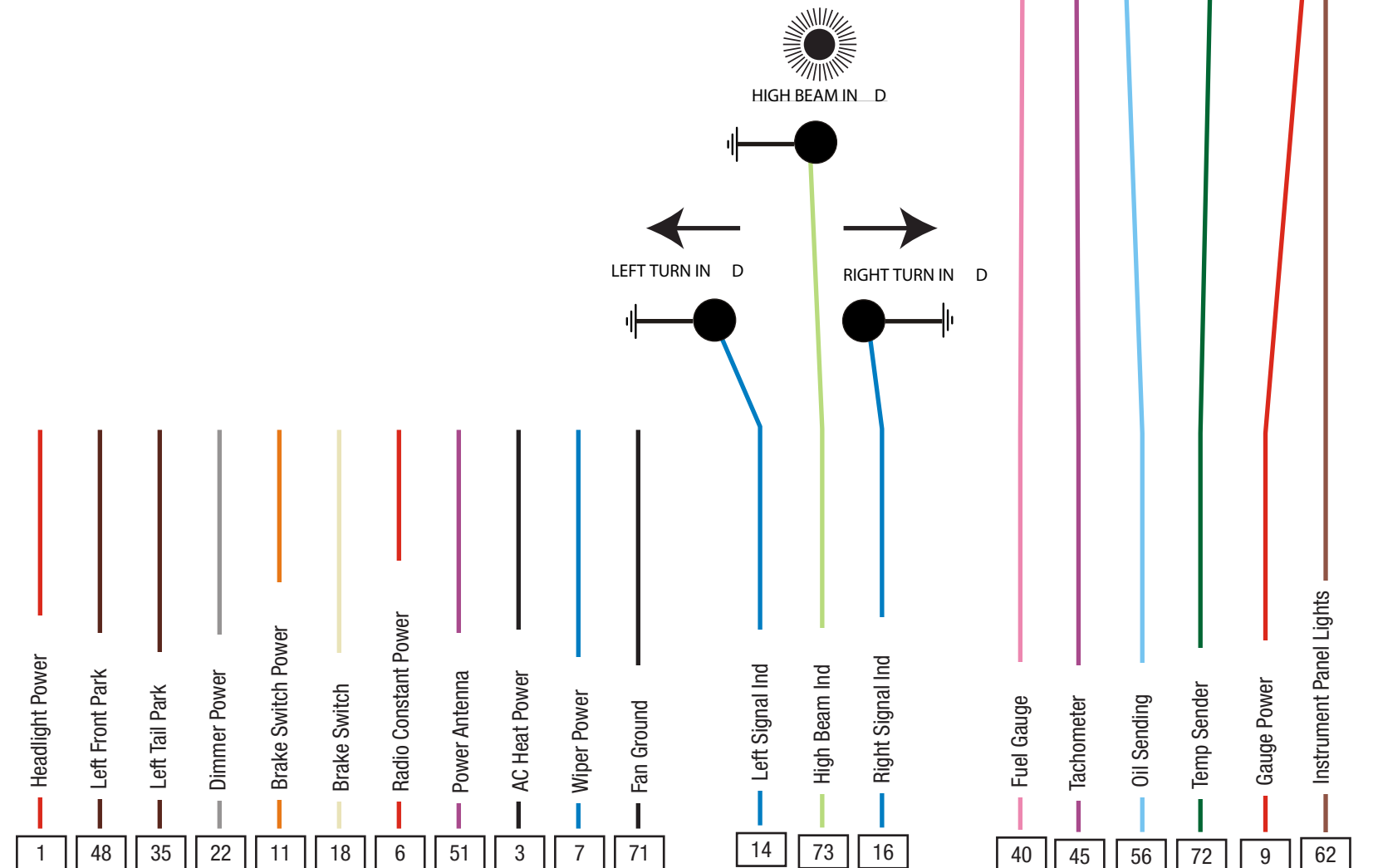
The top wire will run to your dimmer switch [Light Blue wire #22]

# INSTRUCTIONS

## 12 Circuit Wiring Kit Instructions 910-64017



| WIRE # | COLOR       | PRINTING                |
|--------|-------------|-------------------------|
| 1      | Red         | Headlight Power         |
| 48     | Brown       | Left Front Park         |
| 35     | Brown       | Left Tail Park          |
| 22     | Gray        | Dimmer Power            |
| 11     | Orange      | Brake Switch Power      |
| 18     | White       | Brake Switch            |
| 6      | Red         | Radio Constant Power    |
| 51     | Purple      | Power Antenna           |
| 3      | Black       | AC Heat Power           |
| 7      | Dark Blue   | Wiper Power             |
| 14     | Dark Blue   | Left Signal Ind         |
| 73     | Light Green | High Beam Ind           |
| 16     | Dark Blue   | Right Signal Ind        |
| 40     | Pink        | Fuel Gauge              |
| 45     | Purple      | Tachometer              |
| 56     | Light Blue  | Oil Sending             |
| 72     | Dark Green  | Temp Sending            |
| 9      | Red         | Gauge Power             |
| 62     | Brown       | Instrument panel lights |



# INSTRUCTIONS

## 12 Circuit Wiring Kit

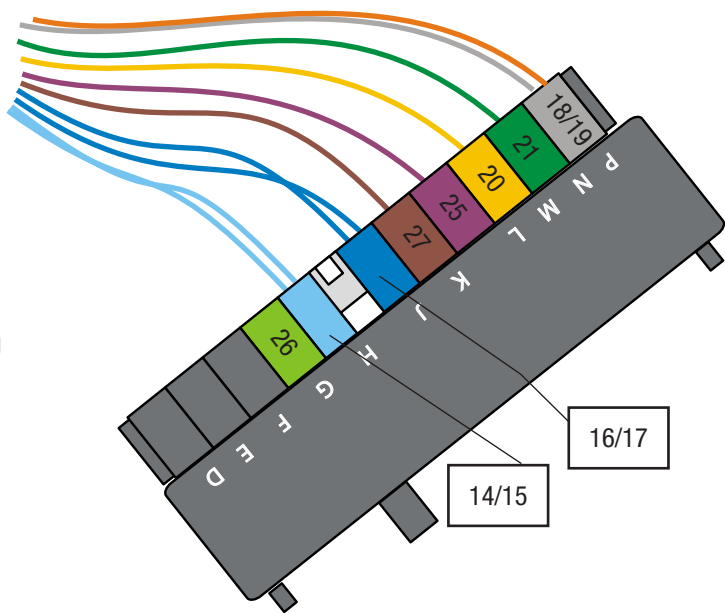
### Instructions

#### 910-64017

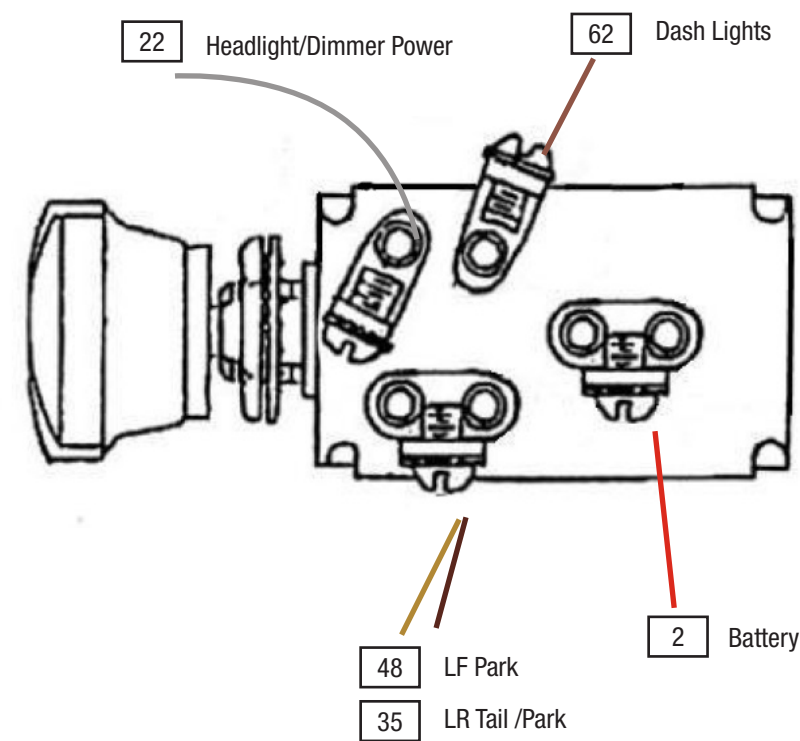
### TURN SIGNAL SWITCH CONNECTIONS (Optional)

This kit was designed to function with a factory GM style switch and column plug. It plugs into the 3-7/8” plug found on GM columns from 1969-1974. It is found on a majority of after market columns including Speedway’s Tilt Columns such as p/n 910-32972

If you are using a later 1975 and on column we have included a connector to convert over to the required style. The columns use the same pin out locations making the swap easy; please follow the wiring table below to install the adapter plug on a column.



### HEADLIGHT/DIMMER SWITCH CONNECTIONS



| WIRE # | CONNECTION | COLOR                | PRINTING                                   | FUNCTION                                                                                  |
|--------|------------|----------------------|--------------------------------------------|-------------------------------------------------------------------------------------------|
| 26     | G          | Light Green          | Horn Relay Ground                          | Horn button ground to the horn relay trigger                                              |
| 14/15  | H          | Light Blue           | Left Front Turn                            | Feeds the left front turn lamp bulb high filament and the right turn dash indicator lamp  |
| 16/17  | J          | Dark Blue            | Right Front Turn                           | Feeds the right front turn lamp bulb high filament and the right turn dash indicator lamp |
| 27     | K          | Brown                | Turn Sw-Hazard                             | 4 way hazard power feed wire from the Hazard flasher “L” terminal                         |
| 25     | L          | Purple               | Turn Switch Feed                           | Turn signal power feed wire from the Turn signal flasher “L” terminal                     |
| 20     | M          | Yellow               | Left Rear Turn                             | Feeds the left rear turn and brake lamp bulb high filament                                |
| 21     | N          | Dark Green           | Right Rear Turn                            | Feeds the right rear turn and brake lamp bulb high filament                               |
| 18/19  | P          | White(18)/Orange(19) | Brake Switch(18)<br>Third brake light (19) | Power feed wire from the output side of the brake switch                                  |

IMPORTANT

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