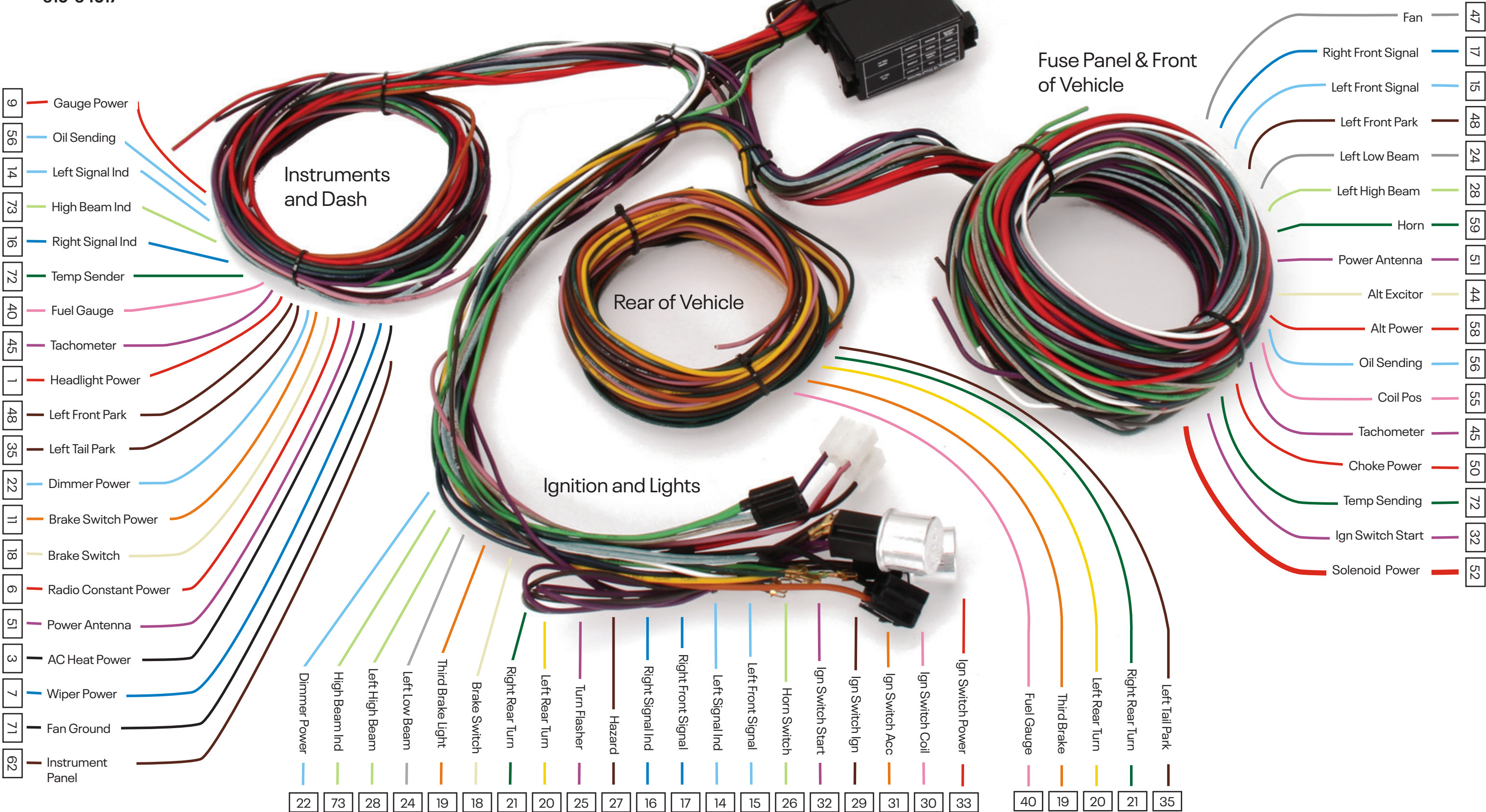


12 Circuit Wiring  
Kit Instructions  
910-64017





# INSTRUCTIONS

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## 12 Circuit Wiring Kit Instructions 910-64017

### 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.

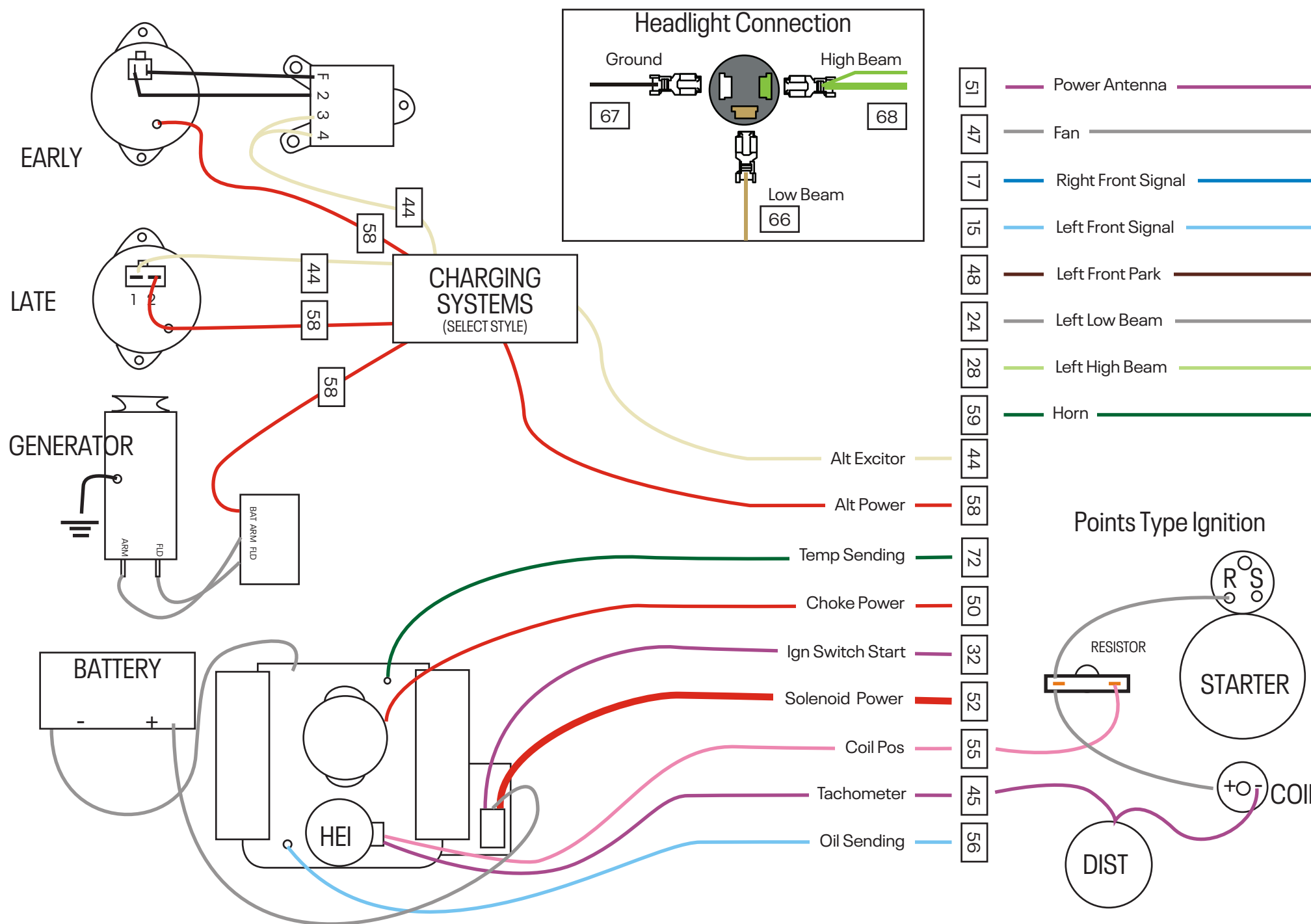
Run the green temperature sender (72) wire to the temperature sending unit.

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

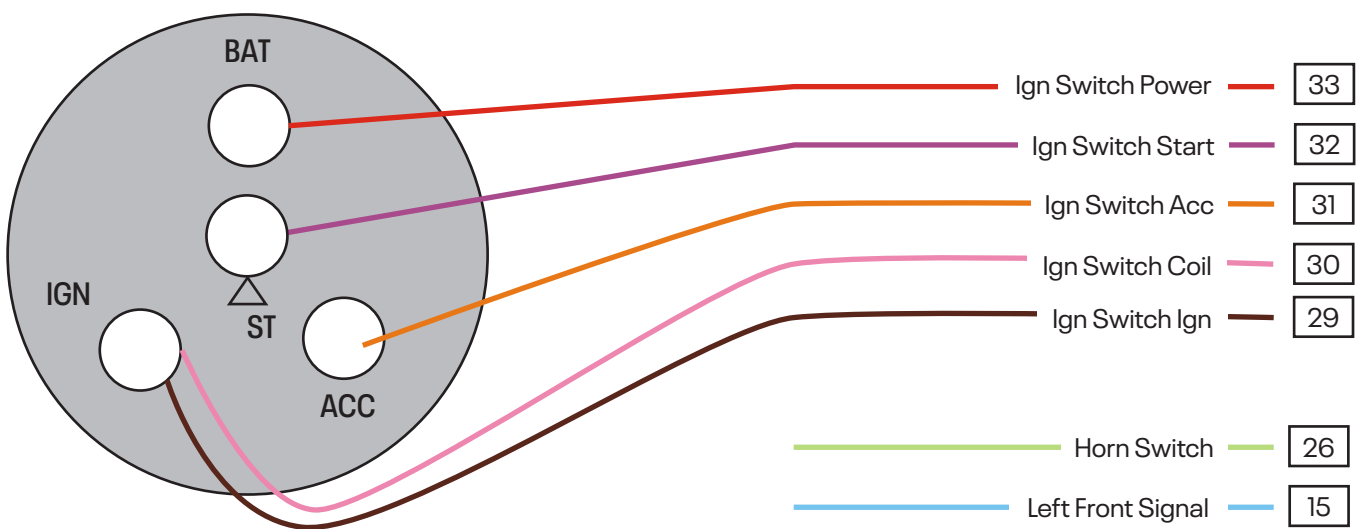
Run the red solenoid power (52) to the battery terminal on your starter. NOTE: You MUST install the fusible link wire [69] inline at starter. FAILURE TO INSTALL THE FUSIBLE LINK VOIDS ANY AND ALL WARRANTY ON THIS HARNESS.

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	Gray	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	Dark 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



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WIRE #	COLOR	PRINTING
33	Red	Ign Switch Power
32	Purple	Ign Switch Start
31	Orange	Ign Switch Acc
30	Pink	Ign Switch Coil
29	Brown	Ign Switch Ign
26	Light Green	Horn Switch
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 Switch
19	Orange	Third Brake Light
24	Tan	Left Low Beam
28	Light Green	Left High Beam
73	Light Green	High Beam Ind
22	Light Blue	Dimmer Power

- Horn Switch

26
- Left Front Signal

15
- Left Signal Ind

14
- Right Front Signal

17
- Right Signal Ind

16
- Hazard

27
- Turn Flasher

25
- Left Rear Turn

20
- Right Rear Turn

21
- Brake Switch

18
- Third Brake Light

19

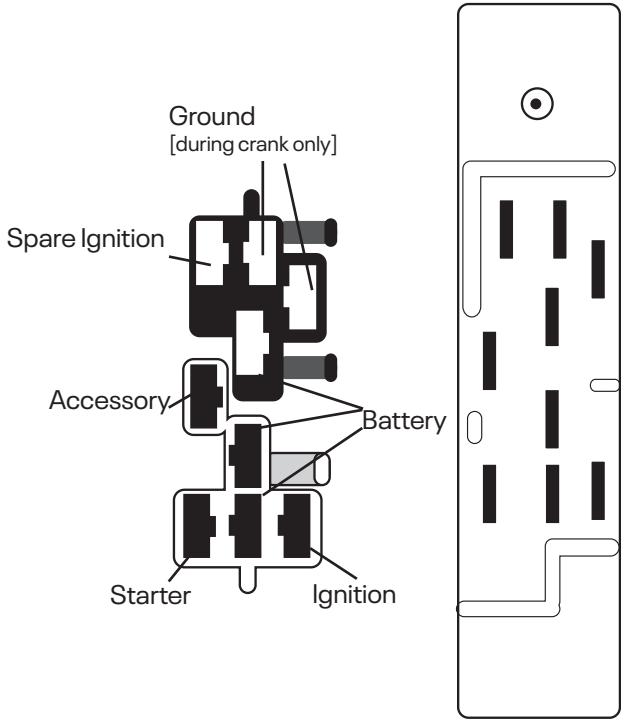
- Left Low Beam

24
- Left High Beam

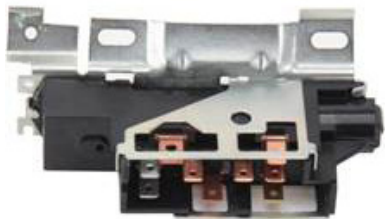
28
- High Beam Ind

73
- Dimmer Power

22



Replacement Ignition  
Switch for 1969-81 GM  
with Tilt Steering Column  
926-12749



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.

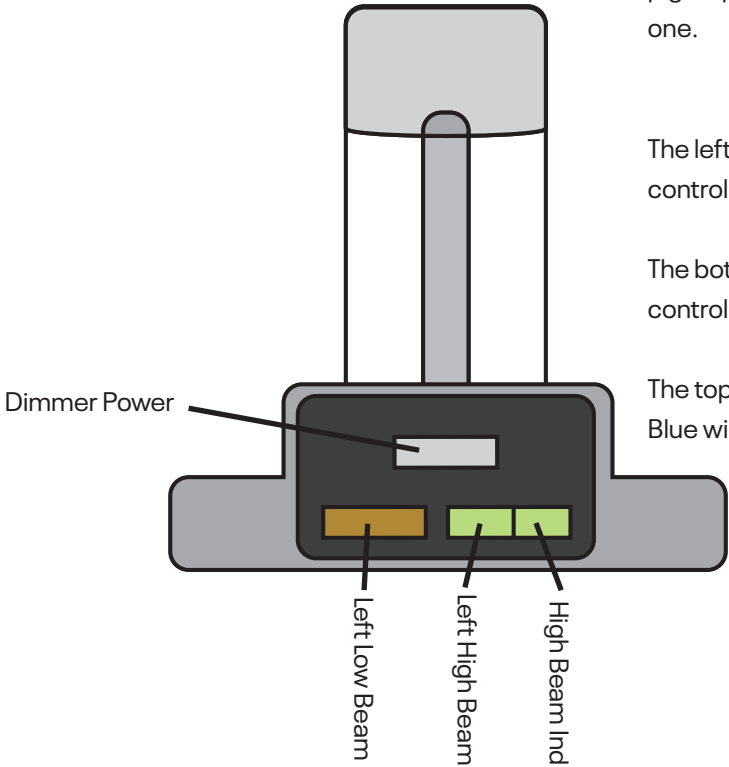
Once the wires are installed in their appropriate cavity, the white plug will be plugged into the switch first using the black connector to secure it in place. Even if there are no wires in the black pigtail plug in the connector to retain the white one.

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]

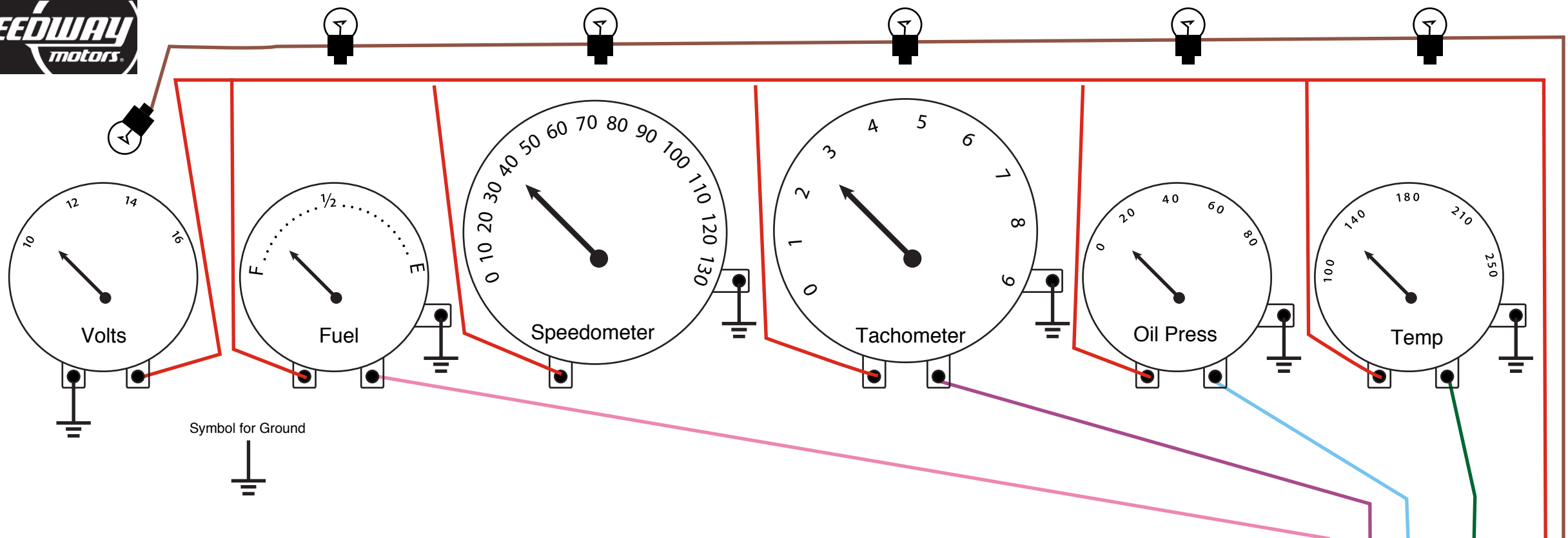


# INSTRUCTIONS

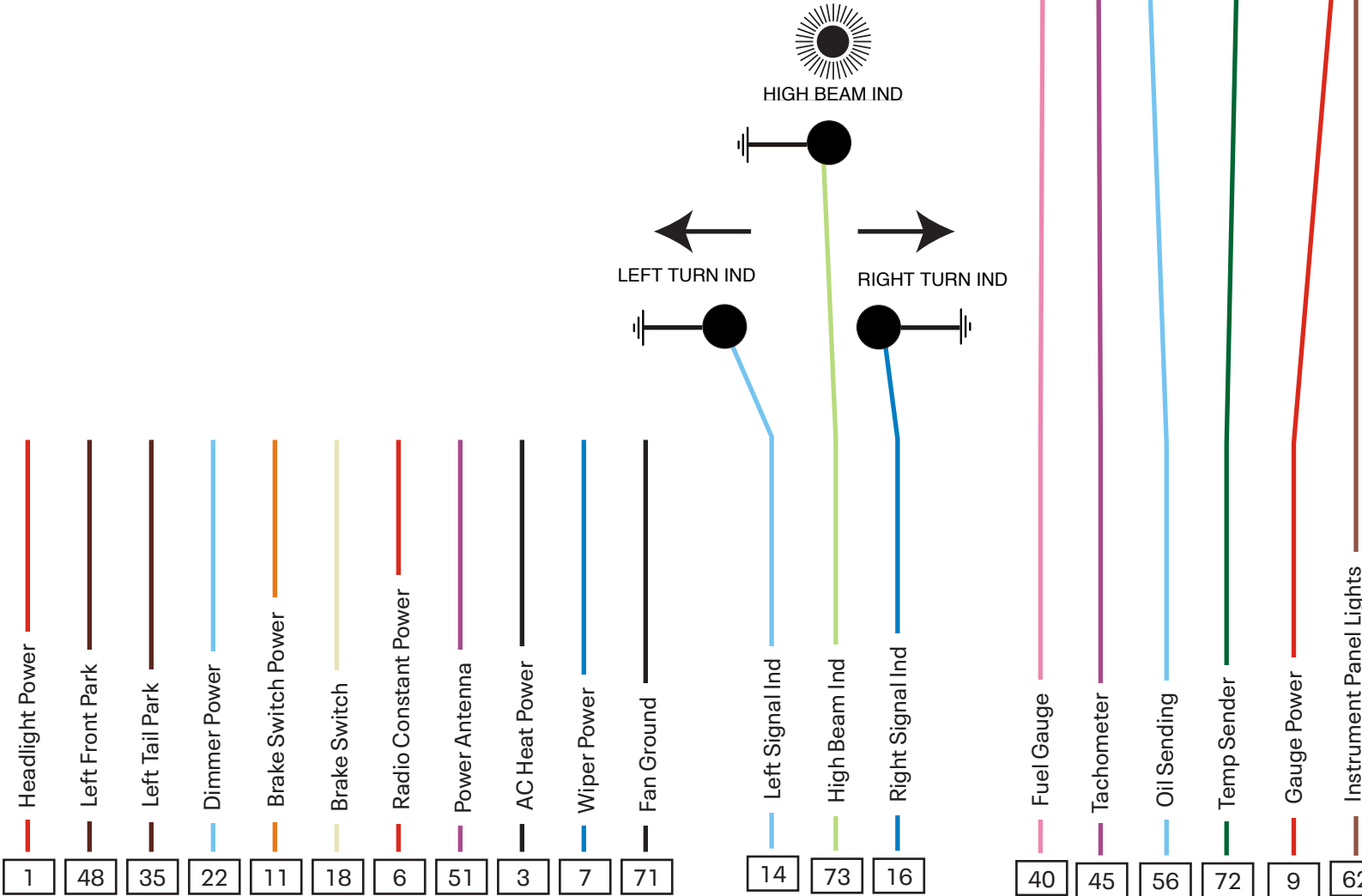
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## 12 Circuit Wiring Kit Instructions 910-64017



WIRE #	COLOR	PRINTING
1	Red	Headlight Power
48	Brown	Left Front Park
35	Brown	Left Tail Park
22	Light Blue	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	Light 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
71	Black	Fan Ground

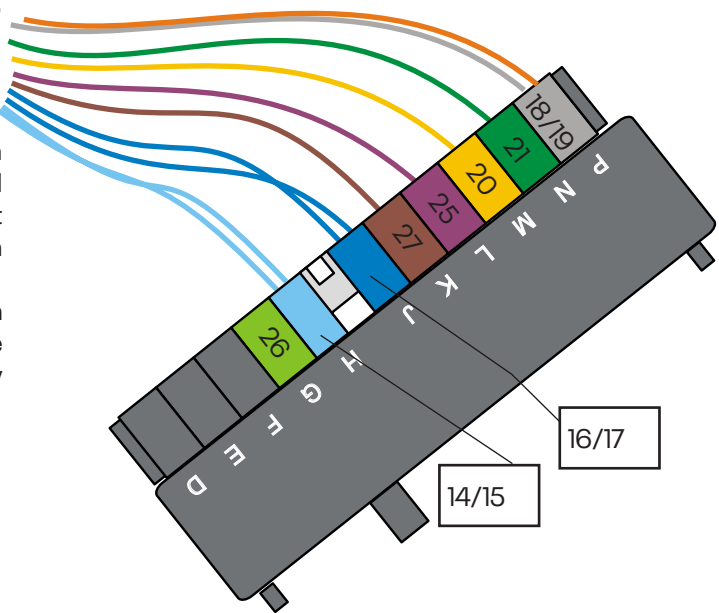


12 Circuit Wiring  
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TURN SIGNAL SWITCH CONNECTIONS  
(Optional)

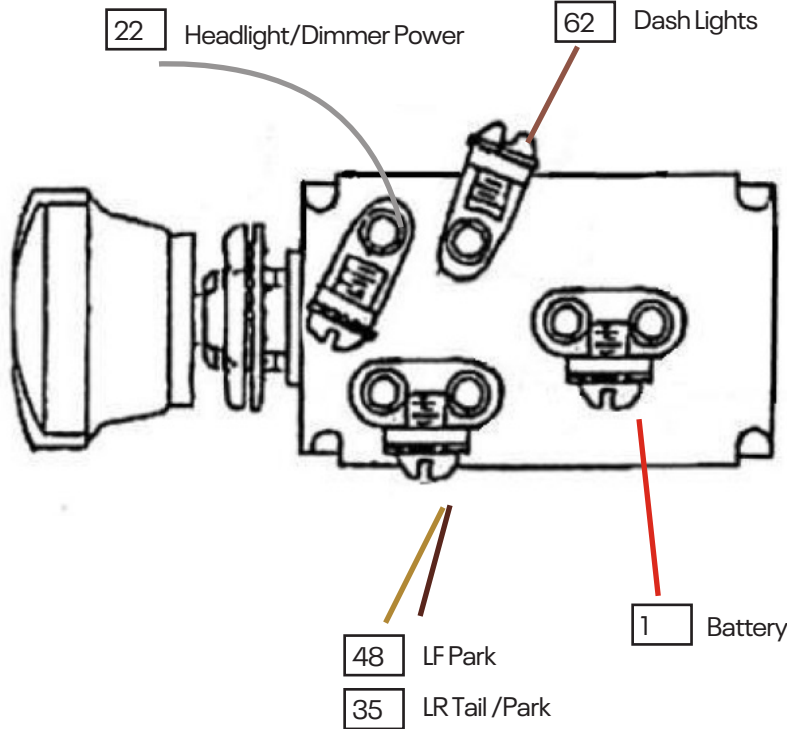
This kit was designed to function with a factory GM style switch and column plug. It plugs into the 3-7/8" plug found on GM columns from 1969-1974. It is found on a majority of after market columns including Speedway Motors's Tilt Columns such as p/n 910-32972

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.



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 left 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) Third brake light (19)	Power feed wire from the output side of the brake switch

HEADLIGHT/DIMMER SWITCH CONNECTIONS



IMPORTANT

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