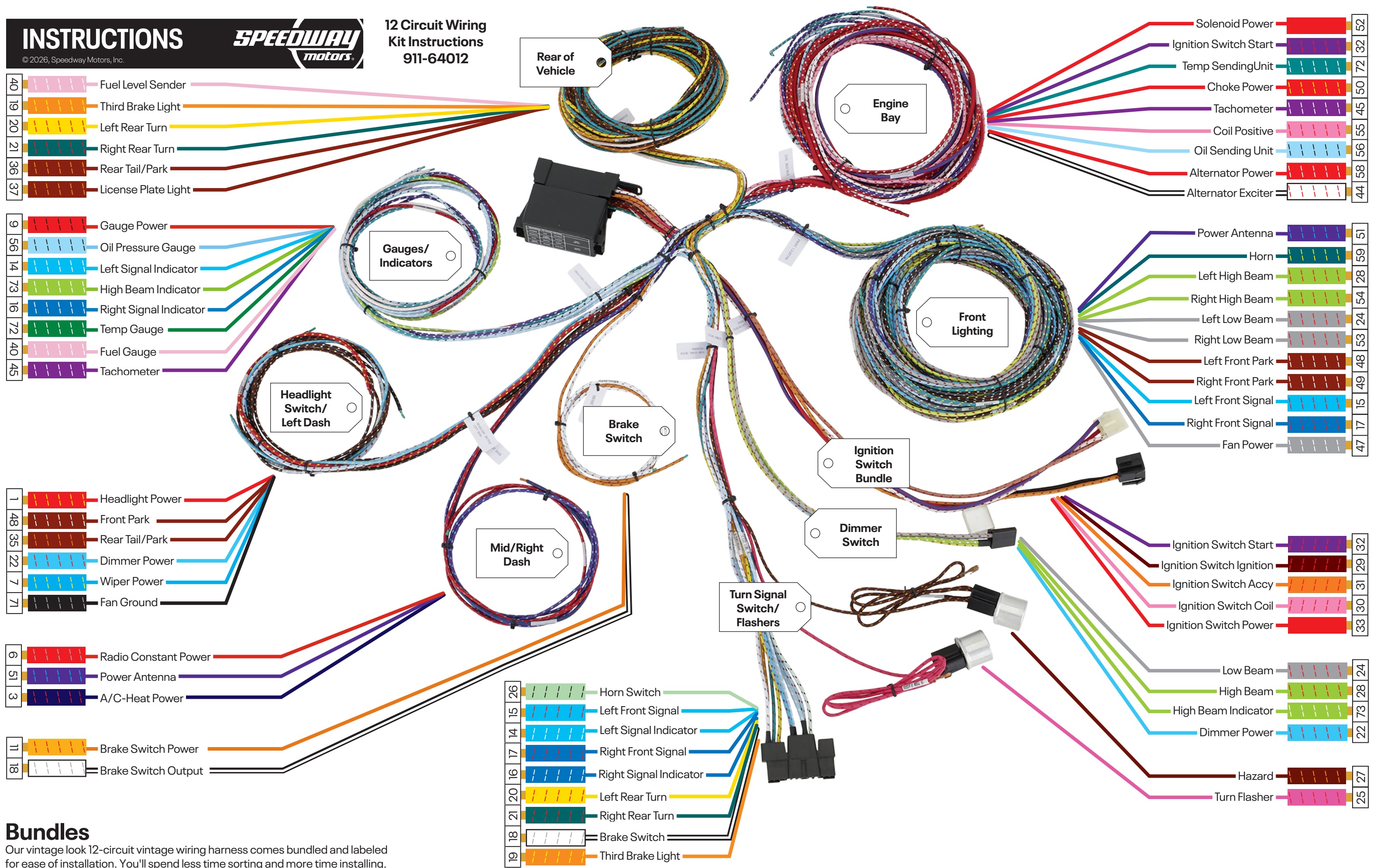


INSTRUCTIONS

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12 Circuit Wiring
Kit Instructions
911-64012



Bundles

Our vintage look 12-circuit vintage wiring harness comes bundled and labeled for ease of installation. You'll spend less time sorting and more time installing.

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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 grey left low beam (24) wire to the low side of your left front headlight.

Run the grey right low beam (53) wire to the low side of your right 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 sending unit (72) wire to the temperature sending unit. If you're using a mechanical temperature gauge this wire can be trimmed out of the harness.

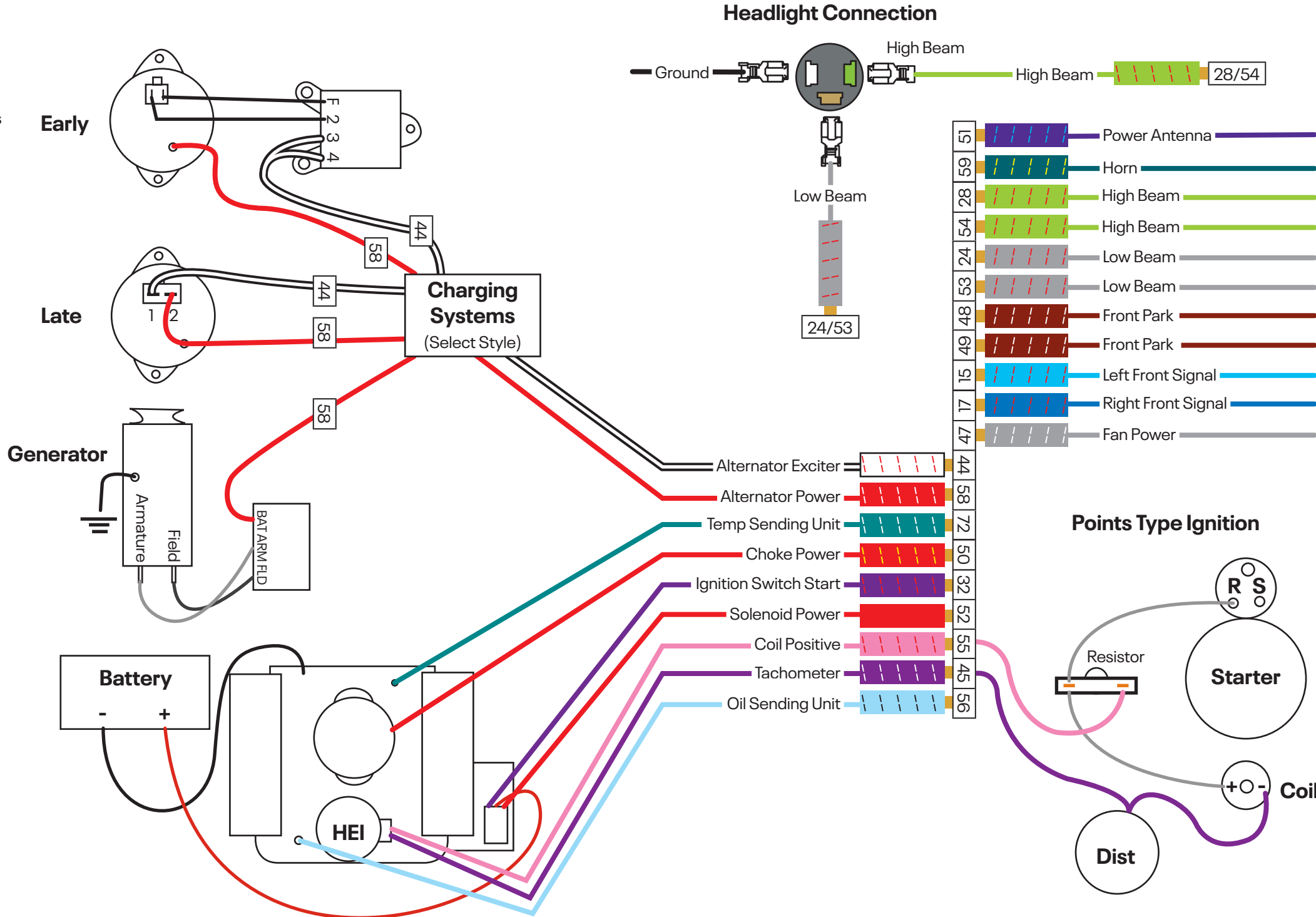
Run the purple ignition switch start wire (32) to the S terminal on your starter.

Run the red solenoid power (52) to the battery terminal on your starter.

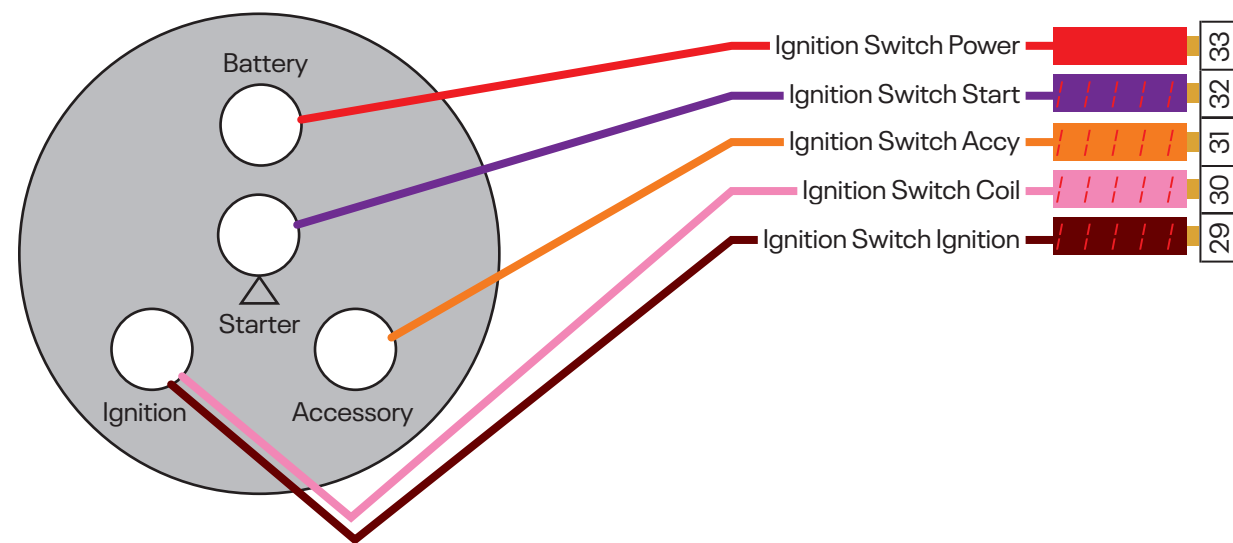
NOTE: You MUST install the fusible link wire (69) inline at starter. FAILURE TO INSTALL THE FUSIBLE LINK VOIDS ANY AND ALL WARRANTY ON THIS HARNESS.

WIRE #	BUNDLE NAME	COLOR	PRINTING
51	Front Lighting	Purple with Blue Tracer	Power Antenna
47	Front Lighting	Gray with White Tracer	Fan Power
17	Front Lighting	Dark Blue with Red Tracer	Right Front Signal
15	Front Lighting	Light Blue with Red Tracer	Left Front Signal
48	Front Lighting	Brown with White Tracer	Left Front Park
24	Dimmer Switch	Grey with Red Tracer	Low Beam
28	Dimmer Switch	Light Green with Red Tracer	High Beam
59	Front Lighting	Dark Green with Yellow Tracer	Horn

WIRE #	BUNDLE NAME	COLOR	PRINTING
44	Engine Bay	White with Red Tracer	Alternator Excitor
58	Engine Bay	Red with White Tracer	Alternator Power
72	Engine Bay	Dark Green with White Tracer	Temp Sending Unit
50	Engine Bay	Red with Yellow Tracer	Choke Power
32	Engine Bay	Purple with Red Tracer	Ign Switch Start
52	Engine Bay	Red	Solenoid Power
55	Engine Bay	Pink with Red Tracer	Coil Positive
45	Engine Bay	Purple with White Tracer	Tachometer
56	Engine Bay	Light Blue and Black Tracer	Oil Sending Unit



Ignition Switch & Dimmer Connections

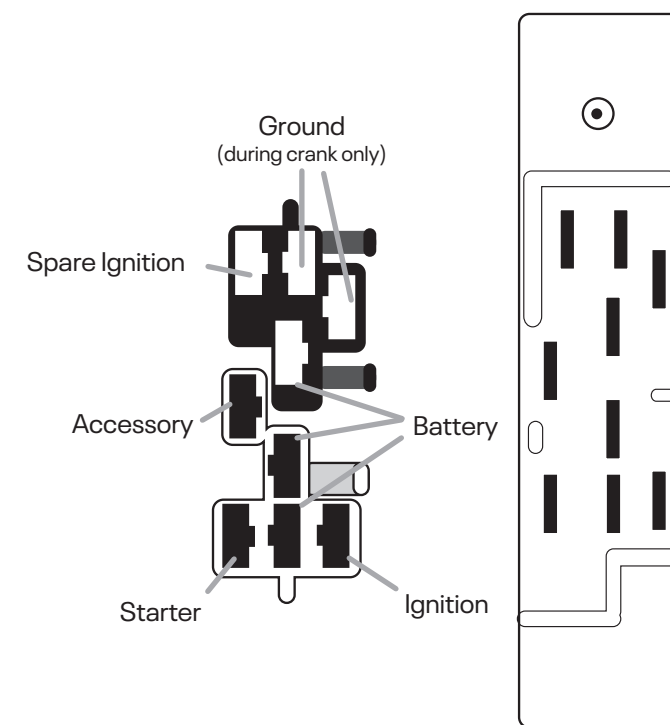


WIRE #	BUNDLE NAME	COLOR	PRINTING
33	Ignition Switch	Red	Ignition Switch Power
32	Ignition Switch	Purple with Red Tracer	Ignition Switch Start
31	Ignition Switch	Orange with Red Tracer	Ignition Switch Accy
30	Ignition Switch	Pink with Red Tracer	Ignition Switch Coil
29	Ignition Switch	Brown with Red Tracer	Ignition Switch Ignition
22	Dimmer Switch	Light Blue with Red Tracer	Dimmer Power
24	Dimmer Switch	Grey with Red Tracer	Low Beam
28	Dimmer Switch	Light Green with Red Tracer	High Beam
73	Dimmer Switch	Light Green with White Tracer	High Beam Indicator

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.



Replacement Ignition Switch

1969-81 GM with Tilt Steering Column (926-12749)

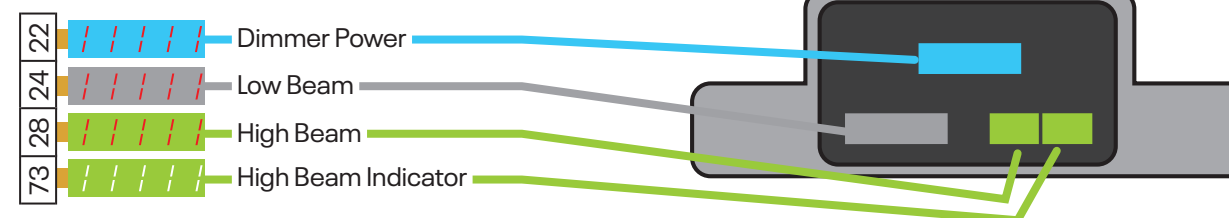


Dimmer Switch

The left bottom wire will run to your low beam control circuit (grey 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).



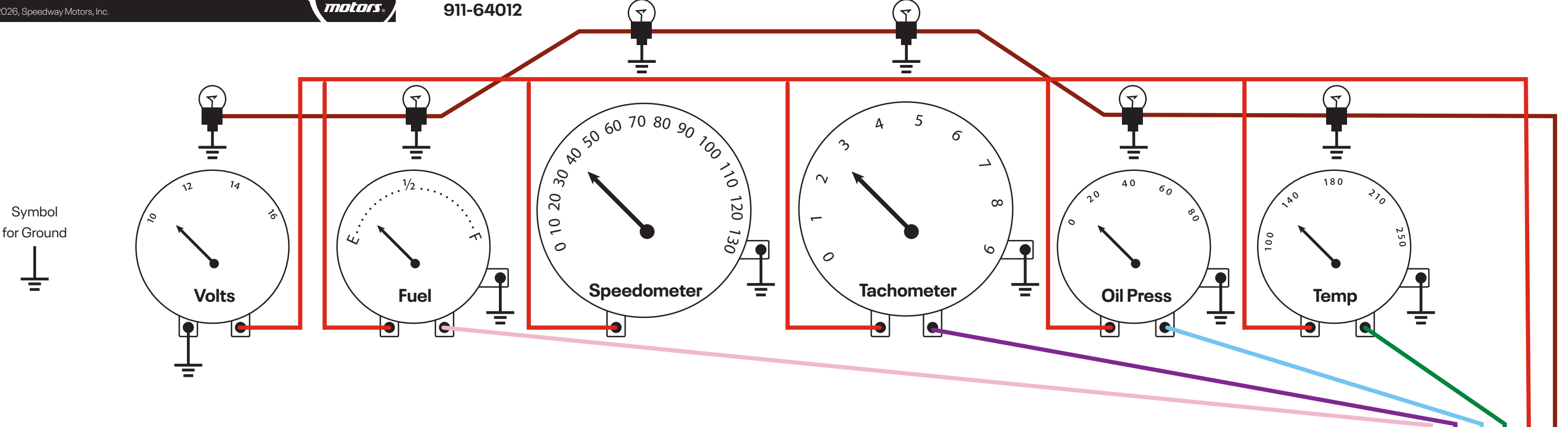
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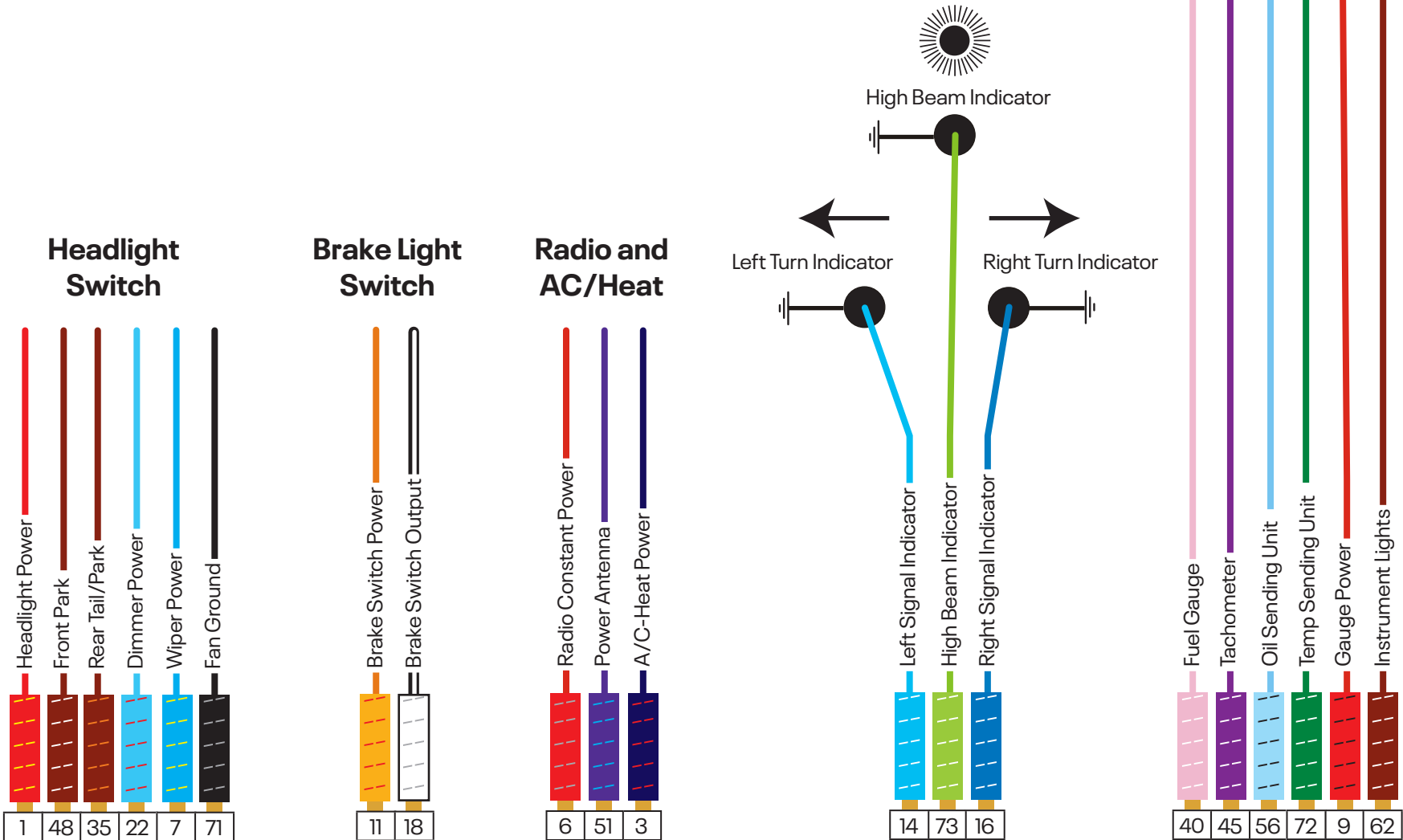


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Instrument and Dash Connections



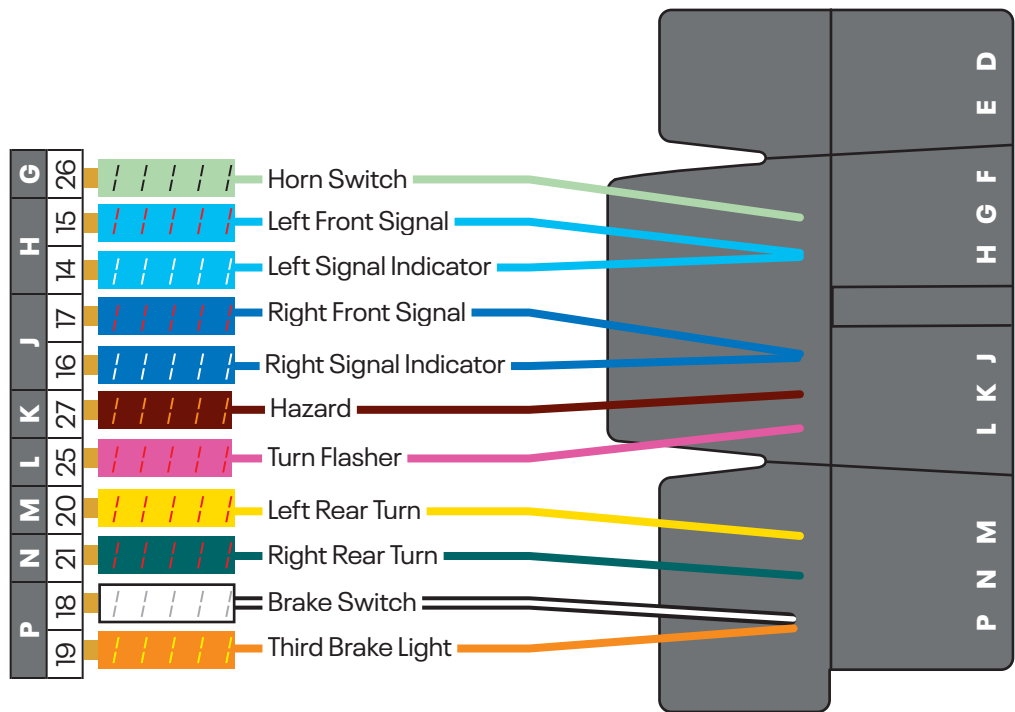
WIRE #	BUNDLE NAME	COLOR	PRINTING
1	Headlight Switch/Left Dash	Red with Yellow Tracer	Headlight Power
48	Headlight Switch/Left Dash	Brown with White Tracer	Front Park
35	Headlight Switch/Left Dash	Brown with Orange Tracer	Rear Tail/Park
22	Headlight Switch/Left Dash	Light Blue with Red Tracer	Dimmer Power
7	Headlight Switch/Left Dash	Blue with Yellow Tracer	Wiper Power
71	Headlight Switch/Left Dash	Black with Grey Tracer	Fan Ground
11	Brake Switch	Orange with Red Tracer	Brake Switch Power
18	Brake Switch	White with Grey Tracer	Brake Switch Output
6	Mid/Right Dash	Red with Grey Tracer	Radio Constant Power
51	Mid/Right Dash	Purple with Blue Tracer	Power Antenna
3	Mid/Right Dash	Dark Blue with Red Tracer	AC-Heat Power
9	Gauges/Indicators	Red with Black Tracer	Gauge Power
56	Gauges/Indicators	Light Blue with Black Tracer	Oil Sending Unit
14	Gauges/Indicators	Med. Blue with White Tracer	Left Signal Indicator
73	Gauges/Indicators	Green with White Tracer	High Beam Indicator
16	Gauges/Indicators	Dark Blue with White Tracer	Right Signal Indicator
72	Gauges/Indicators	Green with White Tracer	Temp Sending Unit
40	Gauges/Indicators	Light Pink with White Tracer	Fuel Gauge
45	Gauges/Indicators	Purple with White Tracer	Tachometer
62	Provided Loose from Harness	Brown with White Tracer	Instrument Lights



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.

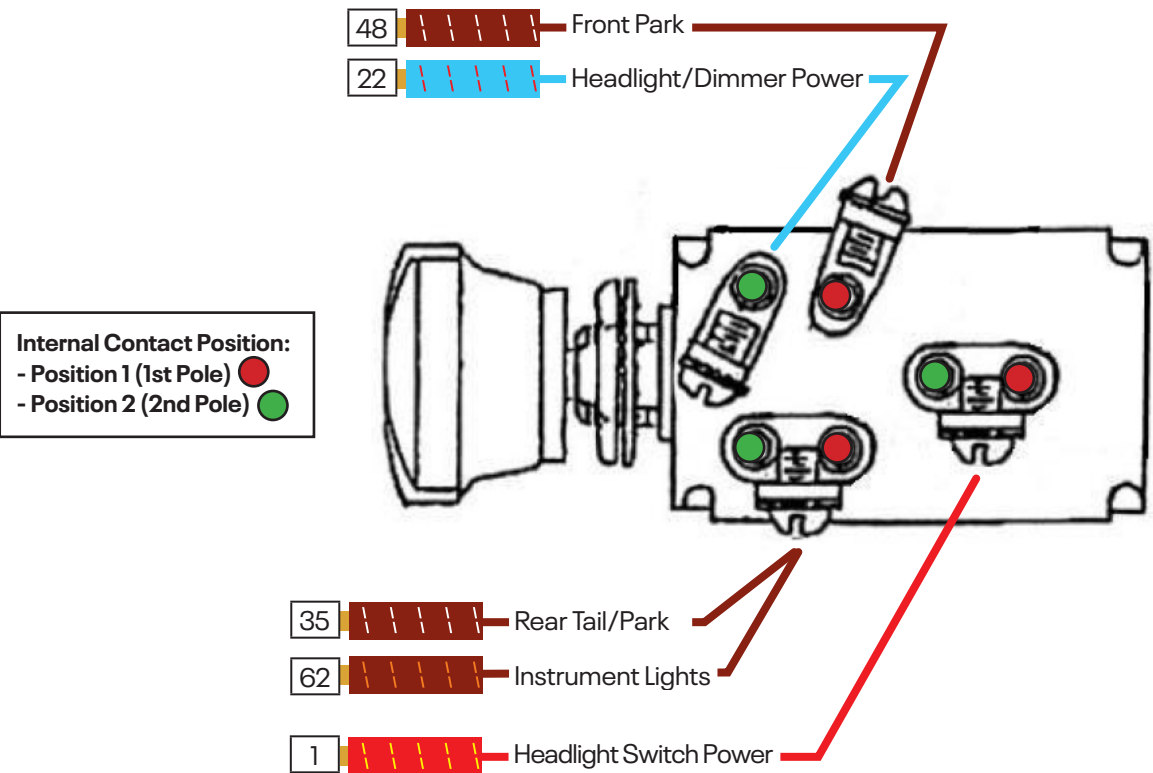
If you are using a later 1975 and on column we have included a connector to convert over to the required style. The columns use the same pin out locations making the swap easy; please follow the wiring table below to install the adapter plug on a column.



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

Headlight/Dimmer
Switch Connections

Note: The Front Park/running lights (48) powered from this terminal will not illuminate in position 2 of the switch. If you wish for the front park/running lights to remain illuminated with the headlights on, connect Front Park (48) to the Rear Tail/Park (35) terminal of the headlight switch.



WIRE #	BUNDLE NAME	COLOR	PRINTING
62	Provided Loose from Harness	Brown with White Tracer	Instrument Lights
22	Headlight Switch/Left Dash	Light Blue with Red Tracer	Headlight/Dimmer Power
48	Headlight Switch/Left Dash	Brown with White Tracer	Front Park
35	Headlight Switch/Left Dash	Brown with Orange Tracer	Rear Tail/Park
1	Headlight Switch/Left Dash	Red with Yellow Tracer	Headlight Switch Power

Rear of Vehicle Connections

Run the light pink fuel gauge (40) wire to your fuel level sending unit in the gas tank (ensure your sending unit/tank is properly grounded).

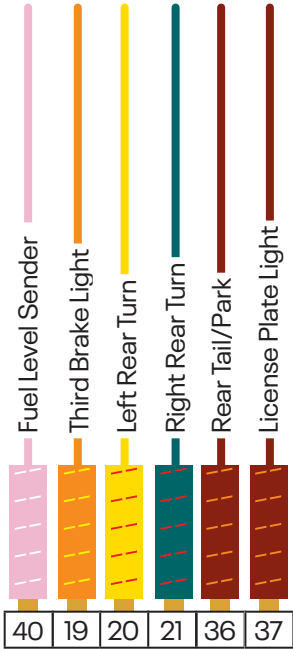
Run the yellow left rear turn/brake (20) wire to the high side of your left rear dual filament turn signal bulb.

Run the green right rear turn/brake (21) wire to the high side of your right rear dual filament turn signal bulb.

Run the brown rear tail/park (36) wire to the low side of your rear dual filament turn signal bulbs.

Run the brown license plate (37) wire to the license plate bulb (ensure bulb/housing is properly grounded).

Run the orange third brake light (19) wire to the third brake light bulb (ensure bulb/housing is properly grounded).



WIRE #	BUNDLE NAME	COLOR	PRINTING
40	Rear of Vehicle	Light Pink with White Tracer	Fuel Gauge
19	Rear of Vehicle	Orange with Yellow Tracer	Third Brake Light
20	Rear of Vehicle	Yellow with Red Tracer	Left Rear Turn
21	Rear of Vehicle	Dark Green with Red Tracer	Right Rear Turn
36	Rear of Vehicle	Brown with Orange Tracer	Rear Tail/Park
37	Rear of Vehicle	Brown with Orange Tracer	License Plate Light

Rear of Vehicle Wiring Notes:

If using separate brake and turn light assemblies, wires 20 and 21 will be used for left and right rear turn only and you'll have to use wire 19 to connect to your left and right brake light assemblies.

No backup light circuit is provided, but if you have a backup lamp you can simply run a switched 12V fused wire to your backup light switch on your transmission or shifter and then to the backup lamp at the rear of the vehicle.

Fuse Panel

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



FUSE	NAME	FUSE	NAME	FUSE	NAME	NAME
15	Wipers	20	Fan	30	AC/Heat	Fan Relay
10	Gauges	15	Turn Signal	10	Choke	
30	Coil	10	Radio	20	Horn	Horn Relay
30	Headlights	15	Brake	15	Hazard	

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