



FUSING SUB PANEL 1420

Attach mounting hardware (4) (5) replaceable connectors (1) (2) (3) and mid board supports (6) .

Cut the labeling supplied and adhere to the circuit board to label the fuses. Snap the nylon buttons (8) into the holes shown in the drawing. Insert the tie wraps (12) and tighten them to approximately 3/4" dia. loop. Strip wires 3/8" (10) and run them through the loops and into the connectors as shown in the drawing. When all wires are run, tighten the tie wraps and cut off ends. Then plug in Turn and Hazard flashers (9) and horn relay (7) .

When connecting #10 wire separate the strands into two groups as shown at (11) .

	Qty
1. Replaceable Connectors	19
2. Washer	19
3. Screw	19
4. Mounting standoff	4
5. Nylon screw	4
6. Mid board supports	2
7. Horn relay	1
8. Nylon buttons	5
9. Flashers	2
12. Tie wraps	5

## WIRING INSTRUCTIONS MODEL 1420

### Connections

#### Inputs

Run: To run position on ignition switch  
Acc: To accessory position on ignition switch  
Bat: Directly to 12V on Battery

#### Outputs

Run 1,2,3,4, To accessories you wish to operate only when the car is running.  
Bat 1,2,3,4: To accessories you wish to operate when the key is in the off position or removed from the switch.  
Acc 1,2,3,4: To accessories you wish to operate when the key is in the accessory position or the run position.

Hazard: To hazard flasher switch

Right side directional bulbs  
Left side directional bulbs

This circuit draws power from bat 4 fuse location.

Horn Sw: To column or other switch. Switch must connect to ground to make the horn relay activate.

Horn: +12V switched by the horn relay. Connect directly to horn.

Turn: To directional switch. Draws power from Run 4 position.

#### Current draw

#### Wire Size

0-5A	18 gauge
6-10A	16 gauge
11-15A	14 gauge
16-20A	12 gauge
21-30A	10 gauge

# AUTO-PROP CONTROLS

Items wired to the bat circuits and the currents typically drawn by them:

Headlights	20A
Interior Lights	3A
Clock	1A
Brake Lights	7.5A
Door Solenoids	20A
Hazard Flashers	10A

Items wired to the Accy circuits and the currents typically drawn by them:

Amplified Sound Systems	15A
Radio	5A
Power Windows	15A
Power Seats	15A
Power Windows	15A
Wipers	15A

Items wired to the run circuits and the currents typically drawn by them;

Electric Defrosters	20A
Heater Blower	10A
Air Conditioner	20A
Directionals	7.5A
Electric Radiator fan	20A
Electric Fuel Pump	10A

Balance the electrical loads to each fuse. The maximum fuse is 30A. Do NOT group accessories together that would exceed 30A at any one fuse position.

# AUTO-ROD CONTROLS

## CHEVY COLUMN DIRECTIONAL CONNECTOR HOOKUP

WHITE	Wire from the "Bat 4" fuse on our sub panel to the brake light switch from the other side of the brake light switch to the white wire on the column.
DARK GREEN	To right rear stop/directional bulb.
YELLOW	To left rear stop/directional bulb.
PURPLE	To directional flasher terminal on sub panel marked "Dir".
BROWN	To hazard flasher terminal on sub panel marked "Haz".
DARK BLUE	To right front directional bulb and right dash indicator light.
LIGHT BLUE	To left front and directional bulb and left dash indicator light.
BLACK/WHITE	To horn relay terminal on sub panel marked "Horn Sw".
PINK	To key buzzer. Other side of buzzer wires to one of the "Bat" fuses on sub panel.
BLACK	To door switches. Other side of door switches go to courtesy lights and GM headlight switch (white lead) to allow operation of courtesy lights when doors are closed. Other side of courtesy lights go to one of the "Bat" fuses on sub panel.