

Amber Flashing lights for Ultra Racing support vehicles:

By David Bradley – Team Raven Lunatics

This is the set up I have used for 4 RAAMs and too many 508/RAO races to count.



Parts:

2 units of “Buyers Emergency 360° Revolving Light” ordered from Northern Tool Online Catalog \$20 each (sometimes on sale)

http://www.northerntool.com/webapp/wcs/stores/servlet/product_6970_19185_19185

1 Auto DC extension cord with switch purchased at RadioShack \$9

<http://www.radioshack.com/sm-10-ft-12vdc-extension-cord-w-on-off-switch--pi-2062273.html>



Assemble as follows: Cut off the plugs from both lights, open one light unit (screws are on the bottom), call it unit “A”. Drill a small hole in the side of the base of unit A to allow the cord from unit B to enter the housing. Seal with silicone. Solder this cord from unit B to the connections inside of unit A where the cord (unit A) comes in. So now both units draw power from the same cord. Re-assemble. Cut off the female end of the extension cord and hardwire this to the end of the cord from the unit A. You could leave the female end on the extension and the male on the light unit A but I find a hardwired connection is more secure.

Mask off the back half of the light lens and black spray paint the front half.

The lights are magnetic mount and will hold tight to any roof surface. Route the cord/extension to the front of the vehicle and plug it in to the power port. You now have lights that you can turn on and off with a switch (built into the power adaptor of the Radioshack extension cord) and the whole unit can be installed on the vehicle in about 4 minutes. Zip ties are good for securing the cords to racks and such to avoid wind vibration.