

Carbine 12V Relay with On/Off Switch and Optional Remote Instruction Manual

1. Begin by mounting STL Carbine Relay (pictured below) in a location that will receive minimal exposure to the elements to maximize life span of your product. It can be mounted with a ¼ inch bolt or screw.



2. Identify the end of the relay that will need to be spliced into your Carbine unit. See below.



(Pictured Above: The end of Carbine Relay to be spliced into STL Carbine Unit)

(Pictured Below: Wires running from STL Carbine Unit to be spliced with Relay)



There are several ways to do this

- Butt splice – This type of connection will give a secure hold but will need to be further protected if the splice will be exposed to the elements by wrapping the splice with electrical tape or heat shrink. Some butt splice connectors will come with heat shrinkable ends which will negate the need for any extra protection if being placed on the outside of the vehicle



- Quick splice – As with the butt splice a quick splice is a simple and secure way to connect two wires together. This connection will also need to be wrapped in electrical tape or heat shrink added if the connection will be exposed to the elements



- Solder and Heat Shrink – This is the most secure way to connect the two wires together, this too will also need to have heat shrink added regardless if the connection will be inside or outside of the vehicle.



(Pictured Above: Finished result of Relay connected to STL Carbine Unit)

- 3.
4. Once the light bar and relay have been mounted, the final step will be to apply power by connecting the end with ring terminals to the battery.



CAUTION: Power will be running through circuit at this step.

Connect black to the negative terminal and red to positive.





For model **P-12RELAY**, bar can be powered On/Off with the push of button pictured above.



Model **P-12WRELAY** will come with Wireless Remote pictured above. Bar can be powered On/Off with buttons on the remote. The top button with Lightning symbol will change bar to Steady Burn. The bottom button with two lightning bolts will cycle through a variety of flash patterns.