

# Single Color Wiring Diagram w/o Remote Control

## Using A Hard Wired Switch

### FUSE

Important the positive connection is fused within 6" or less of the connection to the power source.

### CABLE GAUGE

12vdc power drops quickly even over short distances. Always use the largest cable gauge wire you can for running both the positive and negative cables to the power source. We suggest at least 12awg. 10awg is even better.

### SWITCHING

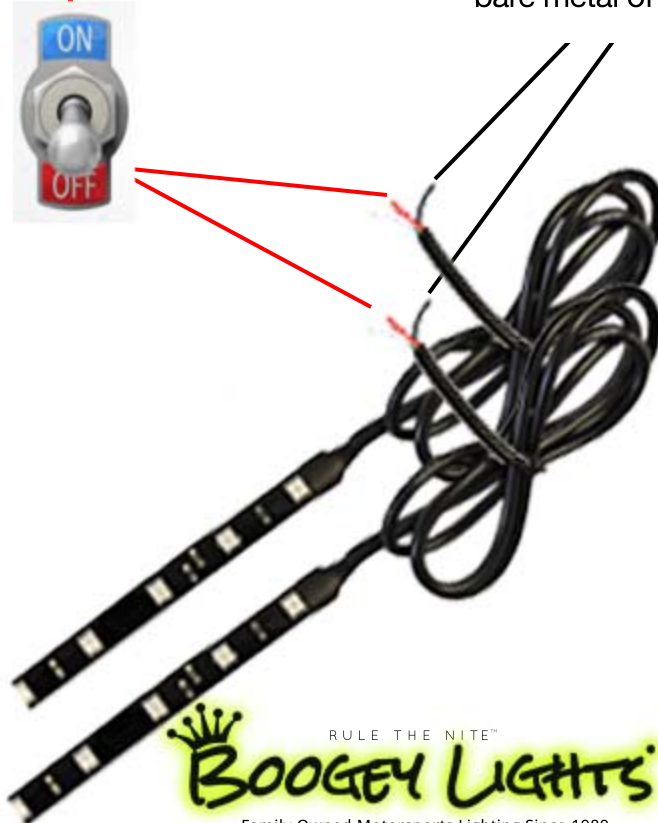
There are lots of options when it comes to SPST switches. The switch shown here is for illustration only. We offer a number of switching options including push-button, toggle and dimmer/on-off switches. You can also use your own switch.

Regardless of the type of switch you use, it's important the switch is capable of handling the total amperage of the LEDs you're switching (plus 10% for safety). If in doubt, use a heavy duty 30/40amp 12vdc RELAY. Use the switch to trigger the relay (milliamps) but pull the main power through the relay.

800.847.1359



Instead of running the ground wires to the negative terminal on the battery, it's usually easier to connect the negative side of the LED strips to the vehicle ground. Just make sure there's a good ground by making sure you're connecting the ground wire to bare metal of the vehicle chassis (eg. no paint or rust.)



RED = 12VDC Positive  
BLACK = 12VDC Negative

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