UNDER-BODY RGB LED KIT

Before you start, review directions completely.
If your vehicle is not pre-wired for external lighting, you may need the following:

Inline Fuse Holder (SPXATC16 or similiar)
3 Amp Fuse
2 Strand Primary Wire
Wire Connectors / Solder
Wire Cover
Zip-Ties

Optional:
Switch
Relay

WHAT'S INCLUDED

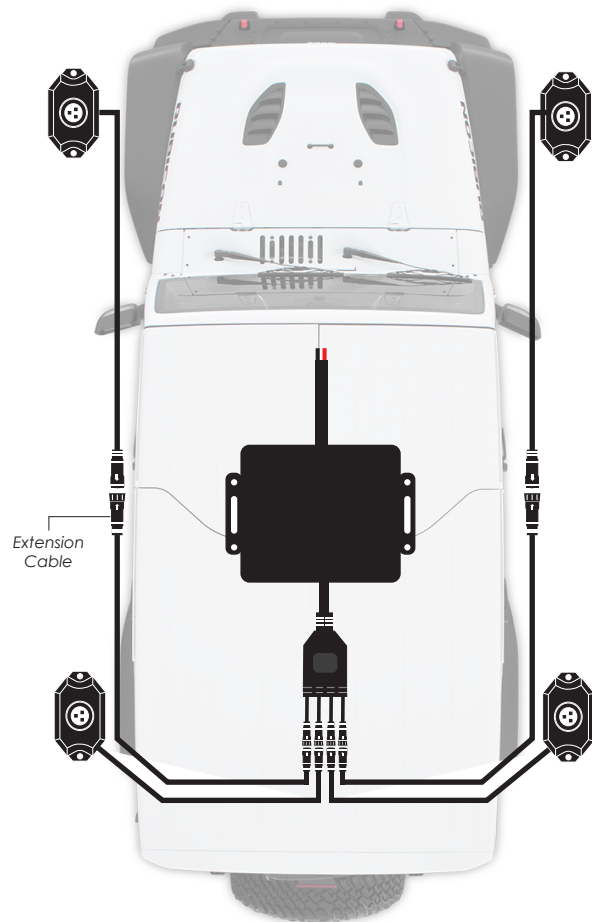**SPXRGBUBKIT**
4 x CREE LED Pods
2 x Pod Extension Cables (48")
4 x Flat Rubber Mounting Pads
4 x Curved Rubber Mounting Pads
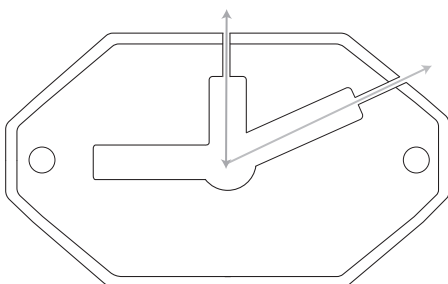1 x Bluetooth RGB Control Module
8 x Mounting Screws

SPXRGBUBKIT8
8 x CREE LED Pods
2 x Pod Extension Cables (48")
8 x Flat Rubber Mounting Pads
8 x Curved Rubber Mounting Pads
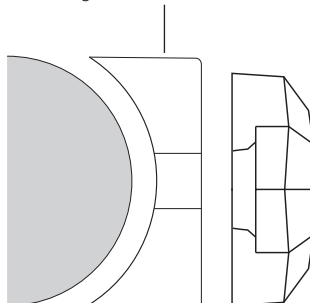1 x Bluetooth RGB Control Module
16 x Mounting Screws
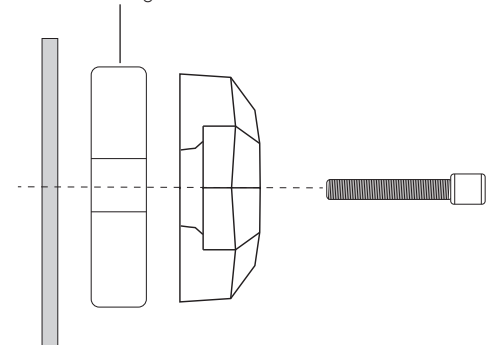
Additional 48" Pod Extension Cables P/N: SPXUBEXT48

MOUNTING THE LED PODS

1. Determine a location for the RGB module making sure all LED pod cables will reach the module. There are 48 inch extensions that can be used if neccessay.
Avoid mounting the module in locations that get extremely hot or wet.

2. Mount the LED pods using the Flat or Curved Rubber Mounting pads. Lights should be mounted in a location where they will not come in contact with suspension, tires or road surface.

3. Route and connect the light cables to the RGB module making sure to avoid interference with suspension or any moving parts .

Extension Cable

Back of mounting pad has 3 cable routing options

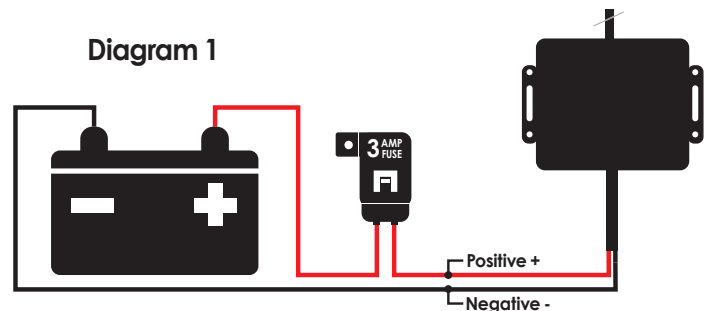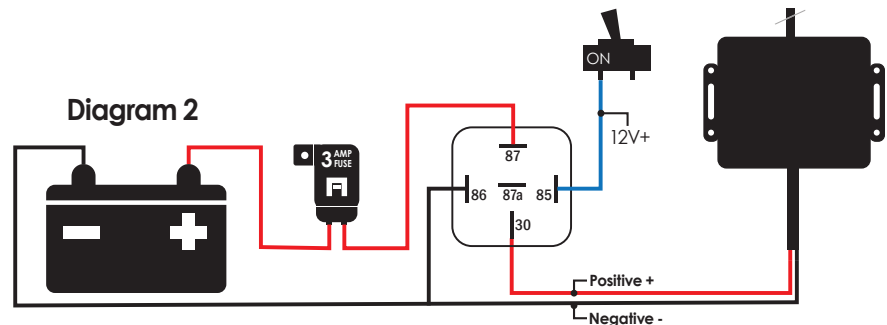*Curved Mounting Pad for installation on tubular frame*

Flat Mounting Pad

UNDER-BODY RGB LED KIT (CONT)

WIRING DIAGRAMS

Diagram 1: Wiring direct to power and using the App to turn on/off. Must add 3 AMP fuse on RED 12V+ wire.
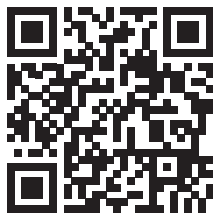
Diagram 2: Wiring with a switch. You can add a new dedicated switch or use an existing light switch that outputs 12V+ when ON. You will need to add a 3 AMP fuse on the RED 12V+ wire and also requires a 12V relay. Note: When wired to a switch, the RGB contoller will default to last mode/color used. No need to access the App.

Diagram 1

Positive +
Negative -

Diagram 2

ON
12V+
87
86 87a 85
30
Positive +
Negative -

GET THE APP

For Apple & Android, scan the QR Code, or visit *https://stingerelectronics.com/hl-app* to download the *Happy Lighting* app. Once the app is installed, power up the RGB Module and open the app. The module should auto-connect and be listed in the Group Device List.

Power Button
Group Device List
User Guide

PRESET
STANDARD   RGB
Adjust   Music   Tape   Style   Timing

Happy Lighting App