

Important: Read all instructions prior to installation.

Motorcycle Engine LED Lighting Kit

Single Color, RF Remote Control, Fade & Strobe Modes

Parts Included

- 2 - 19.7" (50cm) 12V LED Flexible Light Strip (WFLS-x30-BK)
- 4 - Gray Wire Nuts (WN-2216)
- 2 - 1/4" Heat Shrink Snap Spades (CSS-120)
- 2 - Double-sided Adhesive Foam Pads (3M-FTP)
- 5 - 6" Wire Ties (CT-B06)
- 1 - RF Remote Control w/ 2 Key Fobs (RCA-RF1)
- 2 - 11" Wire Ties (CT-B11)

Instructions

Important Note: Please check your state and local laws before installing the kit. Every state has different policies and procedures for aftermarket accessories. Super Bright LEDs, Inc. is not responsible for any fines that you may incur while using the motorcycle engine light kit. This kit is designed for off road use only.

Pre-test & Configure

Briefly connect the strips red positive wire to positive (+) on battery, and black negative wire to negative (-) on battery to test for proper light operation.

Hold light strip under gas tank or desired accent location to determine the length needed for your installation. Strips may be trimmed. See cutting details below.

Make sure wires can be routed in a such a way that they will not be pinched, cut, or exposed to direct heat or moving parts. If a power wire is pinched it could cause the kit to malfunction, and may void the warranty due to physical damage.

Installation

1. Make sure motorcycle is cool; mounting surface should be between 45°F ~ 80°F to achieve the strongest bonding results from strips adhesive backing. Motorcycle should be parked on a flat surface and secured for installation. Ensure the installation surface is clean and dry, free from any oils, dirt, wax, and moisture.

2. Locate battery and unhook the battery negative (-) cable. Remove seat or side covers as needed to gain access to this area.

WARNING: Negative (-) battery cable must be unhooked first to avoid fire hazard

3. Starting from the front of the tank with the strip's wires to the rear of tank, begin to remove strips backing while adhering to underside of tank near frame. Press firmly to secure strip to surface. Repeat for other side of tank.

4. Using the diagram as a guide, connect black negative wires (-) from both strips to green wire from RF controller box labeled "LED -". Connect black wire to snap spade and ground to frame or negative (-) side of battery.

5. Use a wire nut to connect red positive wires (+) from both strips, along with blue wire labeled "LED +" from RF controller box.

6. Connect remaining red power wire with integrated fuse from RF controller box to positive (+) contact of battery using snap spade connector.

7. Mount the RF controller box to a convenient location below the seat using double-sided adhesive foam pads and large zip ties.

8. Reconnect battery negative (-) cable and test using the key fob remote for proper installation.

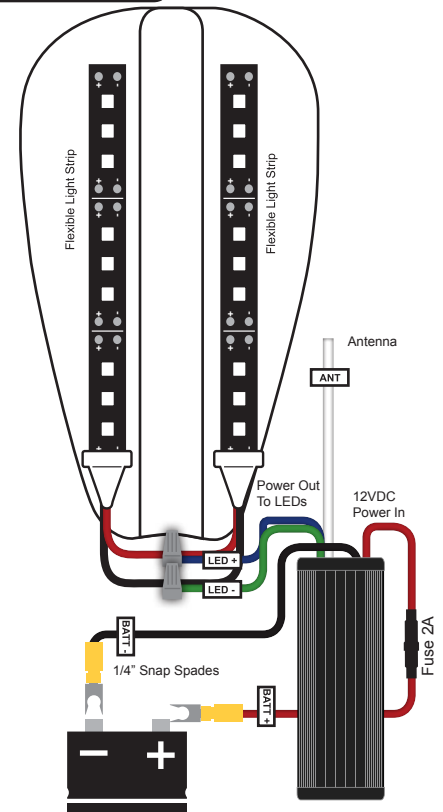
Cutting

Cut strips to appropriate length using scissors on lines indicated with scissor icon. Strip can only be cut on these lines, when cutting, be sure to cut the strips in groups of LEDs that are in multiples of 3.

Cutting the strip in the wrong location will cause the strip to fail, and void warranty.

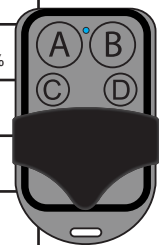


Diagram



Controller

| Button | Functions |
|--------|--|
| A | Cycle through 4 brightness levels: 100%, 75%, 50%, 25% |
| B | Cycle through 3 strobe modes: Dual, Tri, Quad flash |
| C | Select fade mode |
| D | Turn strip on and off, retaining the last setting |



Safety

- Observe strip polarity, reversing strip polarity may damage strips
- Power strips only from 12V DC source
- Never use with other than included 2 Amp / 12 Volt mini blade fuse. If you are blowing this fuse, it means you have a short somewhere in your wiring. Using a larger fuse could result in a fire or fry your lights.