



# 5150 WHIPS INSTALLATION INSTRUCTIONS

Thank you for your purchase of the finest whips on the market. All whips are built by hand at our factory in California and backed by our lifetime warranty.

## HOW TO TELL THE MODEL OF YOUR WHIP:

Remote controlled:



Black RCA plug

Basic Bluetooth:



White RCA plug

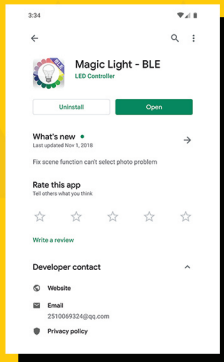
187 Whip:



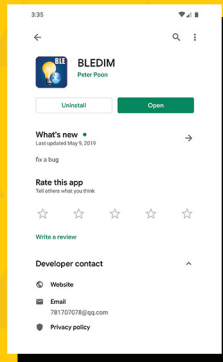
3 pin connector

## WHAT APP DO I USE? (ANDROID & IOS)

Basic Bluetooth:  
Magic Light - BLE



187 Whip:  
BLEDIM:



## WHAT SIZE WIRE DO I USE?

We recommend using 16 or 18 ga wire for the install. The red power wire should be ran to a fuse block, on an inline fuse (not included) needs to be installed on the power wire (red) between the battery and whip. The ground wire needs to be ground to the frame or directly to the battery.

## WHAT SIZE FUSE DO I NEED?

Both whips can be run off a 10 amp fuse. A relay is not needed or recommended.

## DO I NEED A SWITCH?

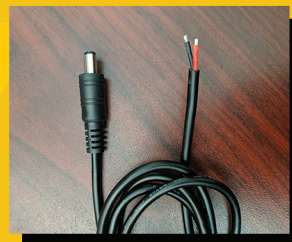
An on/off switch is recommended for all whips. An on/off switch is required for the 187 Whip and failure to use one will result in a slow drain of your battery. (Switches are available on our website.)

## HOW TO WIRE A 5 PIN SWITCH:

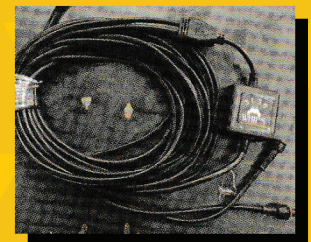
Red wire = Positive (Hot)  
Black wire = Ground



Power wire for remote or basic bluetooth whip.



Controller for 187 whip. 1 controller will control 2 whips.



# WIRING DIAGRAM:

## REMOTE OR BASIC BLUETOOTH:



## 187 WHIP:

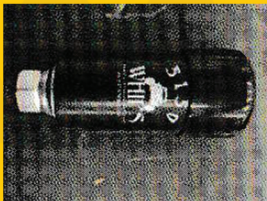


\*\*\*Diagrams are for reference only. Please seek professional installation if not comfortable with 12v wiring.\*\*\*

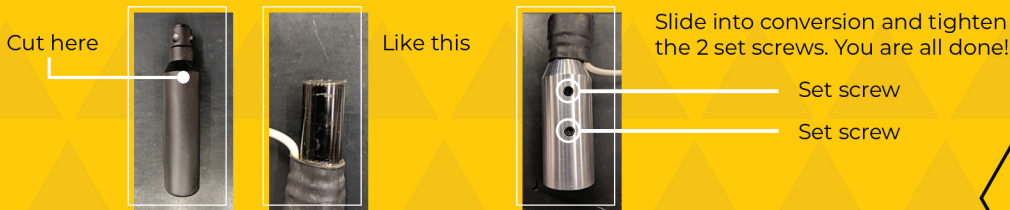
## WHAT ARE THE BLACK CAPS FOR?

The large cap is to cover the mount when not in use.

The small cap is to cover the magnet on the whips.



## HOW TO INSTALL MAGNETIC CONVERSION KIT:



\*\*\*Wear proper safety protection such as eye and ear protection while cutting whip base.\*\*\*

## CONNECTING MULTIPLE ITEMS TO A SINGLE CONTROL HARNESS:

In order to run multiple items on one controller an in-line signal booster may line need to be used. These boosters go in-between the controller and the item it is controlling. Boosters help the signal reach the item it is controlling. For example if a few of your lights are flashing and not acting right you will most likely need a booster to make them work correctly. Not every light needs a booster as just 2 boosters will run 2 whips, Halo lights, Fang lights, 8 rock lights.





Contact multiple Y-splitters to run more items. A booster may be needed to run multiple lights off one run.

10 foot extension lead used for long installs. A booster may be required due to 12v voltage drop.



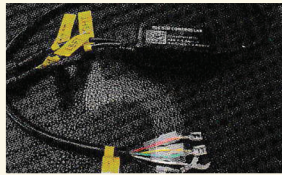
Please call us if you have any additional questions or need further clarification.

## UPDATED 187 WHIP CONTROLLER

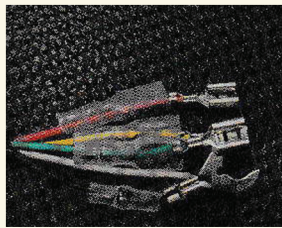
Thank you for purchasing the most advanced LED whips on the market. In our quest to put out the best product in the market we have recently updated our 187 controller.

\*\*\*This controller must be wired to a switch\*\*\*

### NEW FEATURES:

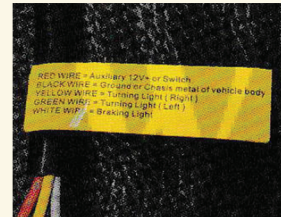


- Brake light integration
- Turn Signal integration (if machine is so equipped)
- Stacking mode now available
- App is Bledim



#### WIRING

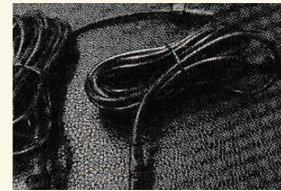
RED - Power  
 BLACK - Ground  
 WHITE - Brake lights  
 GREEN - Left Turn (corresponds to label on whip connection)  
 YELLOW - Right Turn (corresponds to label on whip connection)



RED WIRE = Auxiliary 12V+ or Switch  
 BLACK WIRE = Ground or Chassis metal of vehicle body  
 YELLOW WIRE = Turning Light ( Right )  
 GREEN WIRE = Turning Light ( Left )  
 WHITE WIRE = Braking Light

\*\*\*Only the Red and Black wires need to be connected for the controller to function.

White, Green, and Yellow wires do not need to be used and can be tied back out of the way.\*\*\*



Use these extensions to connect the harness to the whips. Y-splitters are available to also run our rock lights, Halo lights, and Fang lights off this harness.

### HOW DOES QUICK RELEASE WORK?

With one hand toward the middle of the whip. With other hand grab silver collar just above the black mount. Pull quick and fast. The mount will release from the inner base of the whip.

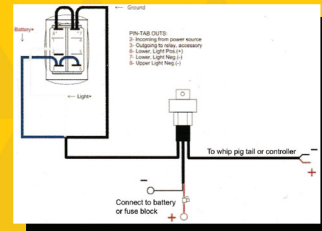
FROM THIS:



TO THIS:



### POWER WIRE/ SWITCH CONNECTIONS



### TECH SUPPORT:

For any technical questions please call our tech support line at (800) 674-9920 ext. 2

### WARRANTY CLAIMS:

All whips are covered by our lifetime warranty. For warranty claims within the first 30 days of purchase a replacement will be sent. For warranty claims after 30 days the whip will need to be returned to us for repair. Please go to [www.5150whips.com](http://www.5150whips.com) for more information and to print the claim form.

## 5150 WHIPS INC.

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