

# BB07441

## 12 Volt Magnetic Towing Light Kit Assembly & Operating Instructions



READ ALL INSTRUCTIONS AND WARNINGS BEFORE USING THIS PRODUCT.

This manual provides important information on proper operation & maintenance. Every effort has been made to ensure the accuracy of this manual. These instructions are not meant to cover every possible condition and situation that may occur. We reserve the right to change this product at any time without prior notice.

IF THERE IS ANY QUESTION ABOUT A CONDITION BEING SAFE OR UNSAFE,  
DO NOT OPERATE THIS PRODUCT!

DO NOT RETURN THIS PRODUCT TO THE RETAILER - CONTACT CUSTOMER SERVICE.

If you experience a problem, have questions or need parts for this product, visit our website

<http://www.buffalotools.com> or call Customer Service at 1-888-287-6981, Monday-Friday,

8 AM - 4 PM Central Time. A copy of the sales receipt is required.

FOR CONSUMER USE ONLY – NOT FOR PROFESSIONAL USE.

KEEP THIS MANUAL, SALES RECEIPT & APPLICABLE WARRANTY FOR FUTURE REFERENCE.

## IMPORTANT SAFETY RULES

COMMON SENSE AND CAUTION ARE FACTORS WHICH CANNOT BE BUILT INTO ANY PRODUCT. THESE FACTORS MUST BE SUPPLIED BY THE OPERATOR.

### **WARNING**

**Keep your work area clean and well lit.** Cluttered work benches and dark work areas may cause accidents or injury.

**Do not operate power tools in explosive areas, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.

**Keep bystanders, children and visitors away while installing and maintaining this unit.**

### **CAUTION**

**Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.

**Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.

### **WARNING**

**Use common sense while operating this power tool.**

Do not use this tool if you are:

Feeling tired or are under the influence of alcohol or drugs.

Wearing loose clothing or jewelry. Keep long hair pulled back and away from moving parts.

Overreaching or have improper footing. Handling the tool in this way could cause serious injury.

When using this power tool always:

- Wear the proper safety equipment, such as safety goggles, dust masks, non-skid shoes, etc.
- Check to be sure all adjusting keys or wrenches have been removed before starting the power tool.
- Check to be sure the power switch is in the "OFF" position before plugging the power tool into an electrical outlet.

### **WARNING**

**Safety glasses and ear protection must be worn during operation.**

Material: Polystyrene Lenses, thermoplastic housing, ceramic magnets

Lens Housing Dimensions: 4 1/4" diameter

Surface Height: 7"

Magnet Base: 2 1/2 diameter

Power Source: 12 Volts DC

Light Spread: Cord Length between Lights is 59"

## ASSEMBLY

Your Towing Light Kit will require complete assembly. It is important that you read the entire manual to become familiar with the product BEFORE you assemble and use the Towing Light Kit. If you do not have experience doing this type of automotive electrical wiring or if the wiring in your vehicle differs from that explained below, the job should be done by an automotive service technician.

1. The plug at the end of the Main Wire Assembly may fit into an existing outlet in the towing vehicle. If not, proceed with the following steps for assembling the Towing Light Kit.
  2. Attach the white wire of the Accessory Plug to a bolt or appropriate component on the vehicle to establish a ground.
  3. The brown wire of the Accessory Plug will connect to the tail light. Note: On a standard Tap Connector, none of the wires need to be stripped. The metal blade in the Tap Connector will pierce the insulation. Slide the tail brake light wire of the vehicle that will be towing into the bottom hole in the Tap Connector. Slide the end of the brown wire on the Accessory Wire Plug into the top opening on the Tap Connector.
- Note: Each Wire must go through its own Tap Connector. Make certain that all wires are held securely in the Tap Connector.
4. Push down the metal tab in the Tap Connector to connect both wires. Snap the end of the Pin Connector down over the Tap Connector to lock the wires in place.
  5. Repeat the above steps for the Green Wire of the Accessory Plug which connects to the right turn/brake light. Follow the same steps for the Yellow left turn / brake light wire.
  6. Plug the Accessory Plug into the Main Wire Assembly.

## OPERATION

Once the wires are properly connected, thoroughly test them before setting them in place. Each light has a magnetic base so that it can be set any place on a metal surface of the towed vehicle. Make certain that the lights are set up according to the following instructions. Test the light as you turn on and off your turn signal in the towing vehicle. The towing lights should both go on as you apply the brake. The tail lights should illuminate when you turn them on. As you apply the turn-signal, the proper light should blink; light with green wire for the right turn-signal, and light with yellow wire for left turn-signal.

1. Set the lights on the back of the vehicle being towed.
2. Set the lights so that the red side of each light faces backwards
3. Set the light which corresponds to the green wire on the right side.
4. Set the light which is attached to the yellow wire on the left side.
- 5 The Towing Lights are now ready to be activated as you use the brakes and turn signals of the towing vehicle.

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