



Light Accessory Kit Item Number 900366

This light accessory kit is designed to enhance the capabilities of your mower. As with all products, proper installation is the key to obtaining all of the benefits this kit is capable of delivering. Please take a few minutes to read through the instructions to verify the parts in your kit with the parts list below, and learn where and how they are used.

Be sure to take all applicable safety precautions during the installation of this kit.

Parts List

Part#	Description	Qty.
900367	Halogen Light Set	1
900368	Bracket	2
B-173	5/16"-18 x 2 1/2"	2
B-102	1/4"-20 x 3/4"	2
N-103-W	5/16"-18 Whiz Nut	2
N-102	1/4"-20 Whiz Nut	2
W-102	1/4" Flat Washer	1
62240	Toggle Switch	1
500080	Eyelet Connector	2



Tools Needed:

1/4" Wrench or Socket
5/16" Wrench or Socket
Socket Wrench (if using sockets)
Wire stripper/crimper

Installation

This light kit offers the user multiple mounting options. The included brackets and hardware can be configured for customized light placement in various locations on the mower. This kit is intended to give the installer the flexibility to mount the lights in a location where they best suit the end-user.

Most importantly, the lights should not be mounted where they have the potential to:

- impede the normal operation and movement of the mower.
- inadvertently blind the operator.
- be broken or knocked off their mount.

Please take the time to consider these points while choosing the mounting location of the lights.

Installation Suggestions

The following methods are suggestions for mounting the lights using the brackets and bolts included with this kit.

The 900368 bracket is designed to fit snug around a 2" x 2" frame rail. The bracket is pre-drilled with four holes; the 2 1/2" long B-173 bolt and N-103-W nut can be used to secure the bracket to a rail.

Figure 1 - Bracket attached to the rail of the ROPS (Roll-Over Protection System).

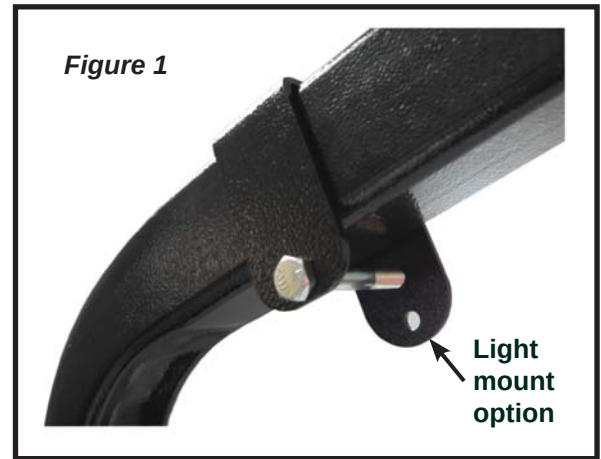


Figure 2 - A light mounted to the bracket attached in Figure 1.

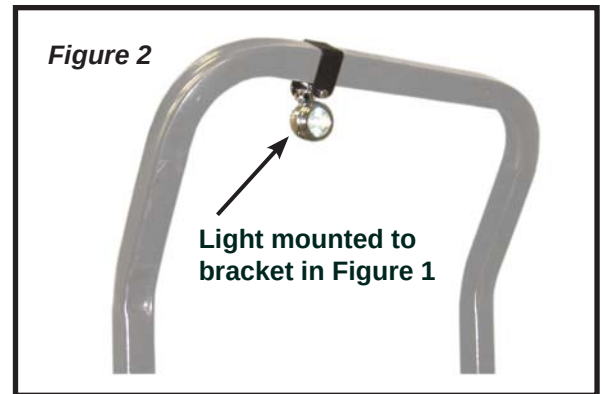


Figure 3 - Bracket attached to the front of the frame (Classic Model shown).

Figure 4 - Light attached to the rear of the fender, using an existing hole and the included B-102 bolt. (Xcaliber Model shown).

Wiring Suggestions

The 900367 light set includes a wiring diagram for wiring the light set using a 12V DC supply.

It is suggested that the lights be powered directly from the battery terminal, or as close to the terminal as possible, and grounded using a metal ground on the mower.

NOTE: Grounding to a powder-coated surface is not recommended.

The light set also includes terminalized wire sets and a compatible rocker switch.

The 62240 toggle switch included may be used instead of the rocker switch, however this method will require removal of the wire terminals.

One suggested method is to wire the lights as described in the wiring diagram, and use the toggle switch as an "interruptor" in the main power line. This allows for use of the wiring as designed, and gives the user a toggle switch that matches the mower (rocker switch can be mounted out of sight, left in the on-position, leaving the toggle switch to control the lights).

