



# Replacement LED Multi-Function Lighting INSTALLATION INSTRUCTIONS

#98676-MFX  
09/2024  
RS

ROADMASTER, Inc.

6110 NE 127th Ave.

Vancouver, WA 98682

360-896-0407

www.RoadmasterInc.com

This kit is for the Nighthawk towbar, part number 676 and 677

## ⚠ WARNING

Read all instructions before installing this product. Failure to understand how to properly install the power cord could result in property damage, personal injury or even death.



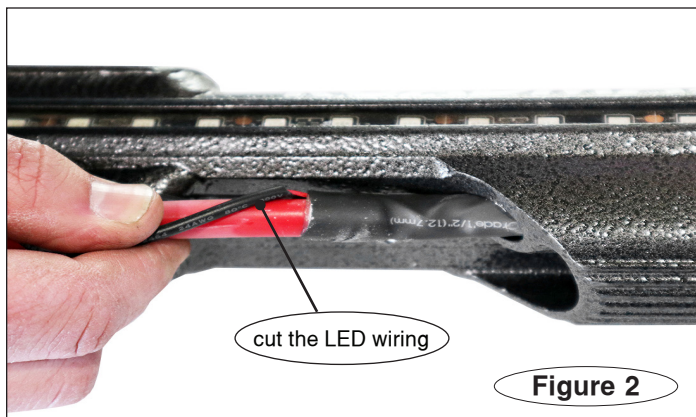
## Tools Needed

- Box Knife
- Pliers
- Heat Gun
- Phillips Screwdriver
- Wire Strippers
- Black Seam Sealer
- Wire Crimpers
- Sealer



Figure 1

screw and clamp



cut the LED wiring

Figure 2



Figure 3

## Instructions

1. Working on one side at a time, remove the screw, split washer and clamp using a Phillips screwdriver (Figure 1).
2. Pull the cord until the shrink wrap around the LED wiring (Figure 2) is exposed. Now, cut the LED wiring using wire snips.
3. Using a box knife, carefully cut the black seam sealant on each end of the LED strip (Figure 3).
4. Pull out the old LED strip, using pliers may help (Figure 4).
5. Strip the wires you cut in step 2 and insert the wire from the new LED strip through the channel guide (Figure 5).

continued on page 2



Figure 4

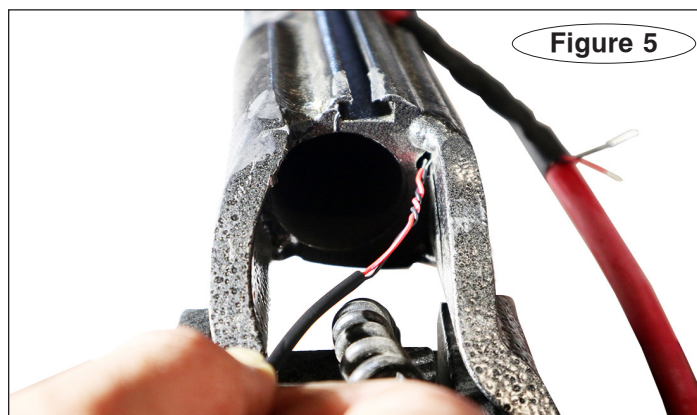


Figure 5



# Replacement LED Multi-Function Lighting INSTALLATION INSTRUCTIONS

#98676-MFX  
09/2024  
RS

ROADMASTER, Inc.

6110 NE 127th Ave.

Vancouver, WA 98682

360-896-0407

www.RoadmasterInc.com

continued from previous page



6. Using the supplied heat-shrink butt connectors, attach the new LED strip to the wiring you cut in step 2 (Figure 6). Attach wires by color; white to white, brown to brown, green to green, etc. (Figure 6).

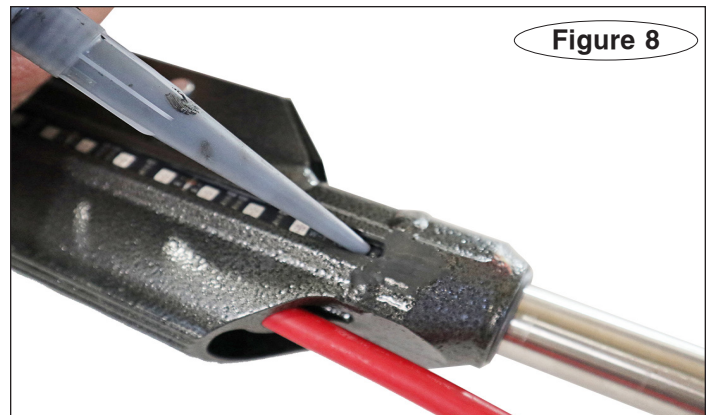
7. Seal the butt connectors with a heat gun to make a waterproof connection.

8. Carefully push the new LED strip in (Figure 7) until it is approximately 1/4" from the end of the channel. Use the black seam sealant (not included) to fill the ends of the recess (Figure 8). Then, push the LED strip the rest of the way into the gap and wipe off the extra sealant. Repeat this process for the opposite end of the strip. Filling the entire or part of the recess may make the LED strip permanently attached, sealing only the ends secures it but leaves it replaceable for the future.

9. Rotate the power cord until the colored LED wiring is in

the LED channel. Re-secure the power cord to the Nighthawk using the clamp, split washer and screw you removed in step 1.

10. Before towing, test the Nighthawk's lighting to ensure that the LED strips are functioning as expected.



## About the Multi-Functional LED Lighting

The Nighthawk is equipped with multi-functional LED light strips that signal in unison with your RV's taillights. When wired correctly, your tow bar should illuminate as follows:

| <b>RV Signal</b>        | <b>Tow Bar lights</b>                   |
|-------------------------|---|
| Park Lights.....        | Both arms illuminate <b>AMBER</b>       |
| Left Turn .....         | Driver's Side arm flashes <b>RED</b>    |
| Right Turn .....        | Passenger's Side arm flashes <b>RED</b> |
| Brakes.....             | Both arms illuminate <b>RED</b>         |
| Park Lights/ Turn ..... | Alternating <b>AMBER &amp; RED</b>      |

Nighthawk's LEDs light the space between your RV and towed vehicle. They also signal your intentions to other drivers (turn signals, for example). The LED lights provide much greater visibility and safety while driving compared to a regular towbar. They are also helpful at night or in other dim light conditions to help illuminate the area while connecting or disconnecting your tow bar. Simply turn on the RV's park lights and let Nighthawk brighten the area between your vehicles.