

UNDERCOVER LIGHTS INSTALLATION INSTRUCTIONS; PRODUCT WARNING; WARRANTY INFORMATION

Undercover Lights — Trailer Auxiliary Lighting Kit

Warning and Important Safety Reminder

To properly and safely install Undercover Lights, it is important to read and thoroughly understand the instructions, including all diagrams and/or pictures. Do not install the product in hazardous conditions or situations.

Read the owner's manual of the vehicle and/or trailer in which the product is being installed and investigate the local and any other applicable traffic rules to determine whether there are any restrictions or warnings on or regarding the use of this auxiliary light which may impact your use. It is the owner's responsibility to investigate these issues.

These instructions are intended to assist with easy installation and to help you avoid injury. Stratus Industries and its affiliates and related entities are not liable for any injury or damages caused by improper installation or improper use of the product. Failure to follow these instructions and all related safety precautions set forth in this document may result in property damage, serious injury or death.

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Instructions

Installation Tools: Wire cutters/crimper; wire strippers; clean cloth; household degreaser

Installation Pointers:

- On pods/main wire: **Side with white dashes is positive**, and **side with lettering is negative**
- **Battery box IS THE OPPOSITE! Lettering marks positive, and dashes mark negative**
- Remember: **Fuse the positive** and **switch the positive**.

Note Regarding Powering the Kit:

The trailer lighting kit is intended for use with the included AA battery pack. If you wish, you may direct wire to another 12v source following the wiring diagram at the end of these instructions.

Step 1: Installation of Battery Box (8 AA batteries not included)

Find a safe spot to mount battery box near the power switch. Make sure routing does not obstruct normal function of the vehicle.

Clean the area thoroughly with a household degreaser, wipe the area with alcohol pad included in the kit, and then dry it with a clean towel. Peel sticker off back of battery box and mount.

If necessary, run a small section of wire from the battery box to the spot where you will mount the power switch.

Step 2: Installation of LED Pods

Clean the area thoroughly with a household degreaser, wipe the area with alcohol pad included in the kit, and then dry it with a clean towel.

Peel the paper off of the double-faced tape on the first LED pod on the first light strand and apply the first pod. Stretch the wire out between pods and apply the next pod. Continue this process and apply all of the pods from the first strand.

Reapply pressure to each pod for proper adhesion. Follow the same procedure for the second strand of pods.

Step 3: Installation of POD Light Wire

Route 20' pod light wire from where you will mount the power switch to the first strand of lights. Make sure the route chosen does not obstruct with the trailer's normal functions.

Cut excess wire and use to connect first string of pods to the second string of pods using butt connectors.

Step 4: Installation of Switch

Clean area where the switch will be mounted with a household degreaser. Then wipe that area with the alcohol pad supplied with the kit and dry it with a clean towel.

Peel the paper off the tape and mount the switch. Use tie wrap to secure switch wire as is necessary.

Connect free **positive** wire from first light strand to one end of the switch wire using red butt connector. Connect other end of switch wire to **positive** of main wire using red butt connector.

Step 5: Installation of Fuse Link

Connect **negative** wire from first light strand to **negative** of main wire near switch.

Connect other **negative** end of main wire (**SIDE WITH LETTERING**) to **negative** of battery box (**SIDE WITH DASHED WHITE LINE**) using butt connector.

If fuse link assembly (black plastic piece with red wire) is looped, cut wire to create two ends.

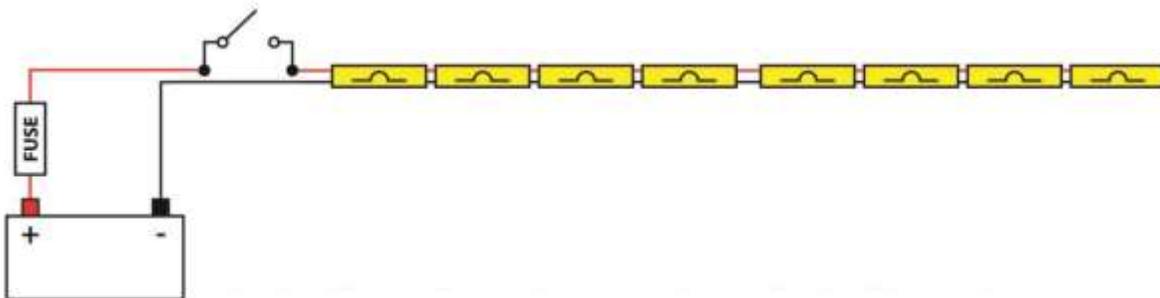
Connect one end of fuse link wire to remaining **positive** of main wire using butt connector.

Connect other end of fuse link wire to **positive** of battery box (**LETTERING**) using butt connector.

Make sure all connections are secure and all bare wires are covered before proceeding any further.

Insert 10 amp fuse. Install 8 AA batteries into battery box and turn on the switch to test.

To troubleshoot, inspect the system in the following order: ground wire; battery connection; switch connection; LED connection; and wire polarity.



Alternate Wiring Diagram:

