

# UNDERCOVER LIGHTS INSTALLATION INSTRUCTIONS; PRODUCT WARNING; WARRANTY INFORMATION

## Undercover Lights — Truck Auxiliary Lighting Kit

### Warning and Important Safety Reminder

STOP. If you do not have a thorough understanding of automobiles and their electrical procedures and are not proficient in the installation and use of auxiliary and other lighting in vehicles, seek the assistance of someone proficient with such procedures and systems when installing this product.

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 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 cutter/crimper; wire strippers; clean cloth; household degreaser

### **Installation Pointers:**

- 2-conductor wire: The **white dashed side is the positive**, and **lettering marks the negative**.
- Following the guidelines regarding positive and negative connections is extremely important.
- Remember: **Fuse the positive** and **switch the positive**.

### **Step 1: Power Main Line or Supplied AA Battery Box (choose option A or B)**

#### **Option A: Installation of Main Line**

Disconnect the **negative** terminal of the vehicle's battery. (You may have to reset the radio and other accessories.)

Route main line (25' wire) from the vehicle battery to the truck bed. Make sure routing does not obstruct normal function of the vehicle.

Run the wire into the bed, extending to where you will install the switch, which can be near the very rear of the truck, near the gate, for maximum convenience. Most installers do this by running the wire inside the stake bed pocket.

#### **Option B: Supplied AA Battery Box (Note: Not water proof. Do not work with batteries in the box.)**

Find a safe spot to mount the battery box. 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 battery box and mount.

Run the main wire from the battery box to the spot in the bed you will place your switch, which can be near the very rear of the truck, near the gate, for maximum convenience.

### **Step 2: Installation of LED Pods**

Select the mounting location in the vehicle's truck bed. Most installers place the lights under the bed rail, centered between the cab and the tailgate, in order to obtain maximum light. If you have a tonneau cover, you may want to place on the cover's rails, or if hard cover on the cover itself.

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 from the first light strand and apply the 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 lights on the other side of the truck bed.

### **Step 3: Installation of Additional Pod Light Wire**

Route the additional pod light wire (12' wire) from where the power switch will be mounted to second strand of lights. Make sure the route chosen does not obstruct with the vehicle's normal functions.

Use the red butt connectors to connect the wire to the second light pod strand, following the diagram below. Use the side of wire with white dashes for **positive** connection, and side of wire with lettering for **negative** connection.

Route the wire down the stake pocket, under the bed of the truck, and then back up the stake pocket on the other side in the location where you will install the switch.

### **Step 4: Installation of Switch**

Select an easily accessible mounting location for switch, most likely at the very rear of the truck, near the gate.

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 **positive** wire from both light strands to one end of the switch wire using blue butt connector.

Connect remaining switch wire to **positive** of main wire using red butt connector. See diagram below for details.

### **Step 5: Connect Lights to Battery**

If wiring to vehicle's battery, make sure **negative** terminal of the battery has been disconnected.

Connect **negative** wires from both light strands to the **negative** of the main wire near the switch using blue butt connector.

Crimp ring terminal to other **negative** end of main wire and connect to **negative** side of battery. If using AA battery box, connect main wire to negative of battery box (black wire) using butt connector.

### **Step 6: Installation of Fuse Link**

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 coming from the switch using butt connector.

Crimp a ring terminal to other end of fuse link and connect to **positive** of battery. If using AA battery pack, connect fuse link to positive of battery box (red wire) using butt connector.

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

Reconnect the **negative** terminal to the battery. (If using battery box, insert 8 AA batteries.) Insert 10 amp fuse 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.

