

## SwitchBlade Tailgate LED Light Bar Installation Instructions

**Please read all instructions before installation and to check to see that all parts are included.**

KIT CONTENTS:	
Description	Qty
LED Light Bar	1
Black Plastic Bracket	4
3M Tape Strips	4
Scotchlok	2
Promotor Packet	2

### Tools Required:

- At Least 90% Isopropyl Alcohol
- Clean Towel
- Pliers
- Electrical Tape

**Note: The tailgate light bar is intended to be installed on the bed of most trucks between the tailgate and bumper.**

## Tailgate Light Bar Installation

1. Verify the kit contents (check against parts list) Remove any protective wrapping.
2. Clean and dry the vehicle thoroughly in location where light bar is to be installed.
3. The vehicle surface temperature must be a minimum of 15°C (60°F).
4. Read through the following options for installation. Determine which method is correct for your application. Place tailgate light bar in position with or without brackets. Check the following before determining position:
  - i. Will the tailgate interfere light bar when opened. If it does the light bar will need to be repositioned.
  - ii. Is the tailgate light visible from the rear when tailgate is closed?

**Note: Tailgate light bar is easier to install if tailgate is removed.**

### Option 1 Install (Removable)

5. Install 3M tape on back of black plastic brackets. Brackets are more useful if there are any obstructions on truck where light is to be installed. Brackets will hold light bar away from truck. Use promotor packets to prep surface on bracket where tape is going to be applied. Refer to **Figure 1**.



6. Use at least 90% Isopropyl Alcohol to prep surface on vehicle where light bar is going to be installed.
7. Install black plastic brackets with tape onto the back of tailgate light bar. One on each end, then evenly space out.
8. Remove tape release liner on all brackets. Place light bar in chosen position on the bed of truck. Do not stick tape to truck until light bar is in correct position. **Light bar wire should exit toward driver side of truck. Refer to Figure 3**



**Note: (Optional) Brackets may also be mounted with nuts and bolts (not included) by drilling into the truck. Use a #10 nut and bolt to attach to truck. The brackets will need to be attached to truck before light bar is installed.**

## Option 2 Install (Non-Removable)

5. Install 3M tape on back of light bar. Use promoter packets to prep surface on light bar where tape is going to be applied. Place the four tape strips evenly across the back of light bar. Refer to **Figure 2**



6. Use at least 90% Isopropyl Alcohol to prep surface on vehicle where light bar is going to be installed.
7. Remove tape release liner on all brackets. Place light bar in chosen position on the bed of truck. Do not stick tape to truck until light bar is in correct position. **Light bar wire should exit toward driver side of truck. Refer to Figure 3**

## Wiring Installation

**Note: Some trucks will recognize the tailgate light bar as a trailer or will not have a towing package. If desired, a separate connector can be purchased from Putco Part# 8726F. This connector will allow you to bypass/add the trailer connector and wire the light bar into your factory taillights.**

1. Plug the 4 pin connector on tailgate light bar into the 4 pin trailer connector on truck.
2. Wire reverse light (white wire) into the reverse light on 7 pin trailer connector (Middle Pin) or into factory reverse light (White Light) using a supplied Scotchlok.
3. Wire +12V power wire (RED Wire) into the +12V power on 7 pin trailer connector (Labeled with +) using a supplied Scotchlok. If wire is too big for Scotchlok (Bigger than 14ga), wire may need to be spliced in. Be sure to cover the splice with electrical tape. **(Some trucks do not provide a constant +12V unless a trailer is plugged into the 7 pin trailer connector. If this is the case, a separate wire may need to be ran from the positive on the battery)**

## Additional Wiring For 2015+ F150 Only

**Note: An additional two Scotchloks (not included) will be required for this installation.**

1. Cut a 6" piece of 16GA or bigger wire. **(A 6" piece may be cut off of red or white wire on tailgate light bar if the full length of those wires are not needed)**
2. Under dash on drivers side. Find trailer tow module. Locate both Orange wire (Pin 3 on C2498C Connector) and Green-Red wire (Pin 1 on C2498A Connector). Refer to **Figure 4**



3. Attached 6" wire between Orange wire (Pin 3 on C2498C Connector) and Green-Red wire (Pin 1 on C2498A Connector) using scotchloks. This will activate a continuous +12V to the +12V power pin on the 7pin trailer connector. Refer to **Figure 5**

