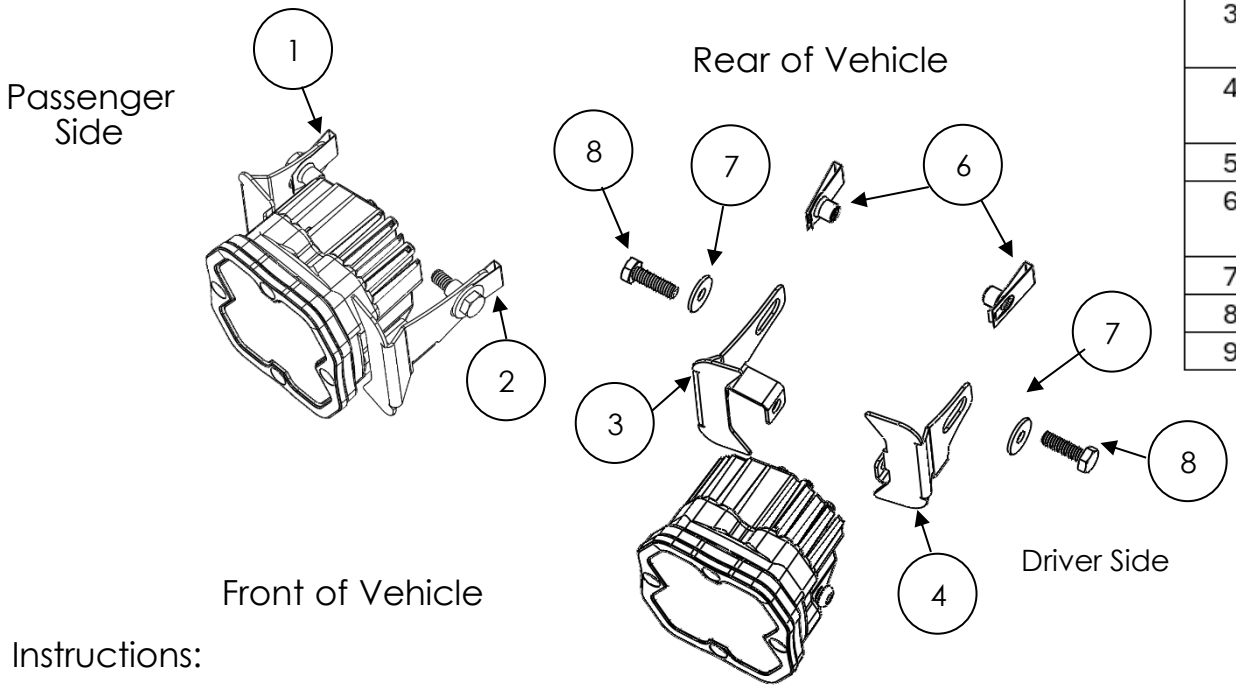
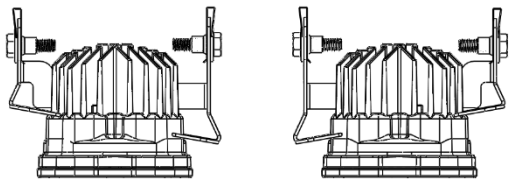
44-0051

2017 Ford Super Duty Fog Pocket Kit

Item NO.	PART	QTY.
1	63-0826 Ford Super Duty Fog Pocket Outer Pass (17+)	1
2	63-0827 Ford Super Duty Fog Pocket Inner Pass (17+)	1
3	63-0828 Ford Super Duty Fog Pocket Inner Driver (17+)	1
4	63-0829 Ford Super Duty Fog Pocket Outer Driver (17+)	1
5	Squadron 2.0	2
6	20-1278 1-4-20 Extruded U Nut 1.25 inch long	4
7	20-1026 6mm oversized washer	4
8	20-1287 1-4-20 0.875 inch bolt	4
9	60-0044 H10 to 4 pin Deutsch	2





Top View

Instructions:

1. Unplug the stock fog lights on the back ot the light.
2. Depending on the model truck, it is necessary to remove the bumper support bracket by removing the 4 bolts holding it to the bumper. This will allow full access to both sides of the fog pocket.
3. Carefully remove the stock light by prying on the two tabs on both sides of the light using a flat blade screwdriver while pushing it from the rear. Do not pry too hard or the tab on the housing will snap off. Once one side is loose, the light should be easy to remove from the housing surrounding the light.
4. Install the hardware supplied in the orientation shown above.
5. Slide the light and bracket into the fog pocket area and use the 1/4-20 bolt and 6mm washer to fasten the light into the same spot as the stock fog light. Note: To reach the outside hole for the fog light it may be easier to remove the braces and shrouds behind the fog light area although it can be done without doing so.
6. Once the lights are securely fastened in place, use the plug and play wiring adapter to connect the lights to the stock wiring harness.

Backlight add-on harness instructions for Squadron 2.0

Note: Included with this harness is four fuse taps. In the event that none will work for your application, a splice connector is included (shown on right).

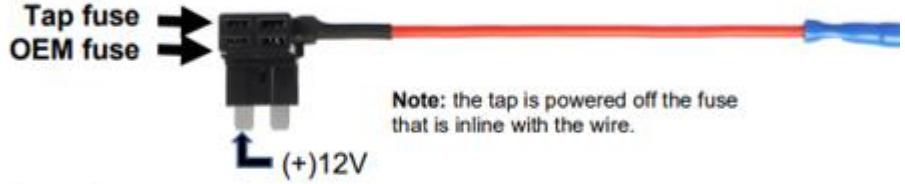
1. Locate the fuse panel in the engine compartment. Remove cover.
2. Observe the inside of the fuse box cover, or the owner's manual to determine fuse locations and functions. The goal is to find a suitable circuit that is powered on when the vehicle is turned on. It is important to choose a fuse location that does not power sensitive electrical components, such as sensors and ignition modules. Choose a fuse that is activated by turning the key and remains active while the vehicle is starting and running. The IGN fuse is highly recommended for this. Using other circuits to run the backlight may result in the color changing wher not desired.
3. Once the fuse location has been chosen, the multimeter or test light wil be used to determine which side of the fuse is power and which side is the output. Using either tool, touch the positive test lead to one side of the fuse socket and touch the negative lead to the negative battery post, or any convenient ground. With the keys in the off position, neithe side of the fuse socket should have power. If they do, another fuse location will need to be chosen.
4. Now, turn the keys to the on position and measure each side of the fuse socket. When the test light illuminates, or the multimeter DC voltage measures 12-14V, the power side of the fuse has been determined. Insert the fuse tap into the socket with the arrowed side blade (shown ir image ii) contacting the power side. Plug in the backlight harness to the female bullet receptacle of the fuse tap. If the fuse socket originally had a fuse, place it into the open socket on the fuse tap.
5. Every fuse panel is different and sometimes there are adjacent components that make it difficult or impossible to plug in a fuse tap. In this case, the splice connector will need to be used. Find a wire that is powered when the keys are on. Ideally, this wire would power the daytime running lights and not an electrically sensitive component like a sensor. With the backlight harness inserted into the female bullet receptacle of the splice connector, clasp the splice over the desired power wire and clamp with pliers until an audible click is heard.(See image iii for reference)

Tools Required

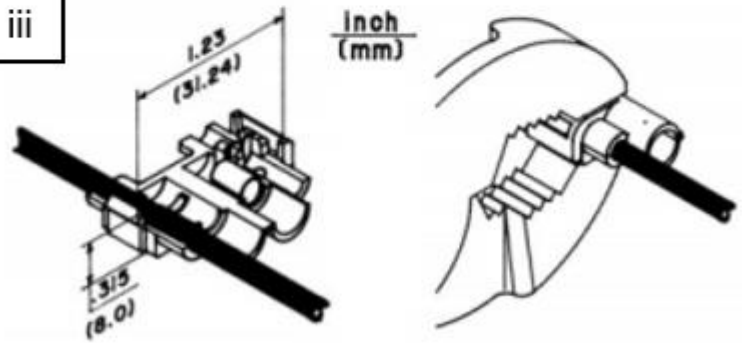
- Trim Tool (Or Flathead Screwdriver)
- Scissors
- Test Light, or Multimeter

i

ii



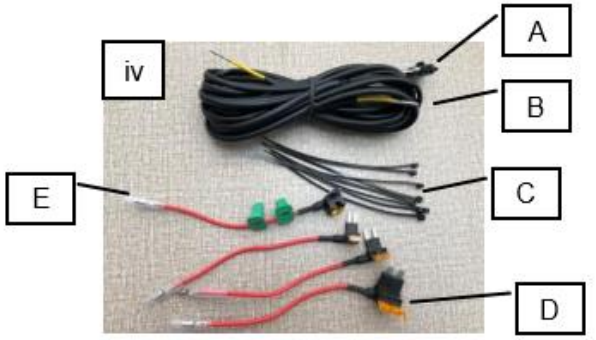
iii



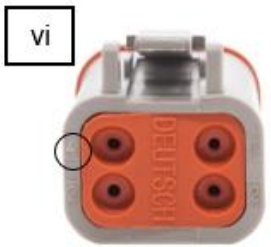
Fuse tap kit part #: 63-9209

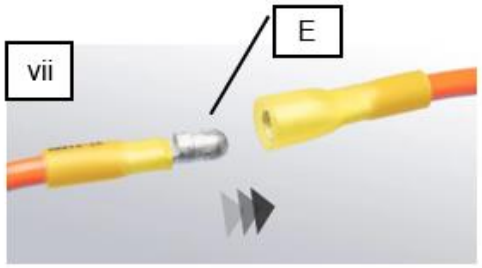
Backlight add-on harness instructions

6. Use the provided 5-amp fuse in the fuse tap for the backlight add-on harness (See image ii for reference).
7. Remove the Wedge lock from the plug by using a flat head screwdriver and **gently** prying along the edges with a flathead to release the lock (see image v for reference)
8. Locate the backlight add-on harness supplied in the kit. If a cavity plug was inserted previously in the PnP (Plug-n-Play) adapter, please remove it and insert the terminal inside the (3) pin location. (See image vii for reference)
9. To reinstall the wedge lock, simply push the wedge lock back in until it clicks in. (See image v for reference)
10. Determine the best routing for the backlight add-on harness.
11. Connect the bullet connector from the backlight add-on harness to the fuse tap and secure the wire harness. (Use image iii for reference)
12. Turn on the vehicle and test to see if the backlight function on the Squadron 2.0 works appropriately.
13. Use included zip ties to tie the harness out of the way of any hot and/or rotating components.



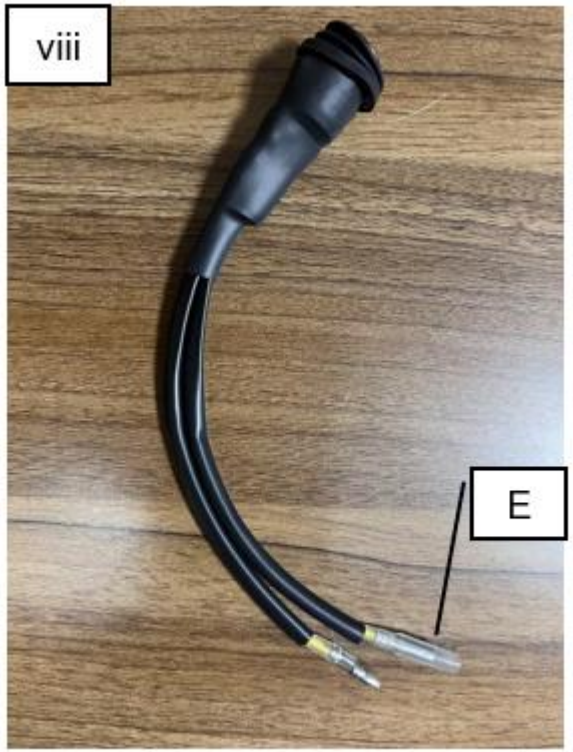
A: Splice connector
B: Harness
C: Zip ties
D: Fuse taps
E: Bullet connector





Backlight switch adapter instructions

1. Connect the bullet connectors from the switch inline between the fuse tap and the backlight add-on harness.
2. Turn the switch on and off until the desired color is displayed as the backlight.
3. Once the desired color has been achieved, the switch can be either removed or left in. To remove the switch, turn the vehicle off and remove the switch. Reconnect the bullet connectors between the fuse tap and the backlight add-on harness. To leave the switch in line, secure the switch so it does not move. **Be sure to always leave switch in the "on" position if the switch will be left in.**



Inline switch part #: 60-0071