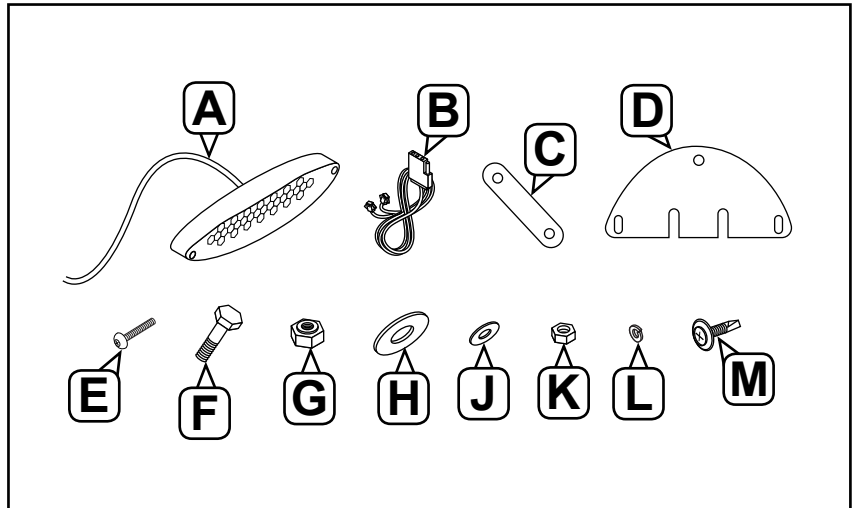


## ASSEMBLY AND INSTALLATION

The Universal LED Light Kit is a multi-application stop/turn taillight kit for use on Let's Go Aero products including its cargo carriers, VRack bicycle carriers, and other DIY applications.

### PARTS LIST

Qty	Description
A	2 LED LIGHT
B	1 WIRE HARNESS
C	2 LICENSE PLATE BRACKET
D	2 LED LIGHT BRACKET
E	4 PHILLIPS HEAD SCREW
F	4 HEX BOLT
G	4 NYLOCK NUT
H	4 LARGE WASHER
J	4 SMALL WASHER
K	4 SMALL NUT
L	4 SPLIT RING WASHER
M	2 SELF TAPPING SCREW



### STEP 1

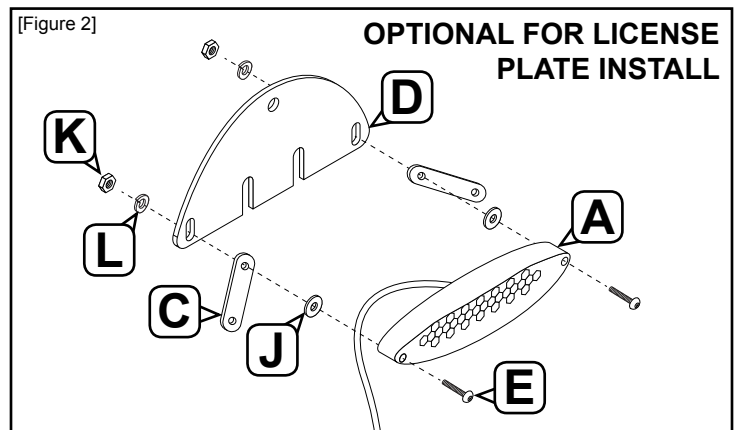
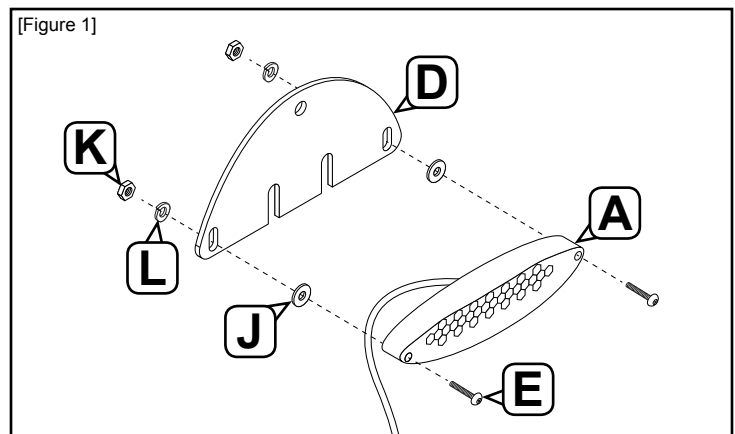
TOOLS: 7MM WRENCH & PHILLIPS HEAD SCREW DRIVER

Remove the Phillips Head Screws [E], Small Washers [J], Split Ring Washers [L], and Nuts [K] attached to both LED Lights [A].

Mount each LED Light [A] onto a LED Mount Bracket [D] using the Phillips Head Screws [E], Small Washers [J], Split Ring Washers [L], and Nuts [K] in the order shown in Figure 1.

**OPTIONAL:** On the LED Light marked **LEFT** only, optional License Plates Brackets [C] may also be included in-between the Small Washer [J] and the LED Mount Bracket [D] as shown for the mounting of a (user supplied) license plate [figure 2].

**NOTE:** The wire on the back of the LED Light [A] must be run in-between one of the slots on the back LED Mount Bracket [D] with the rubber grommet on the back of the LED Light sandwiched between the LED Mount Bracket and the LED Light.

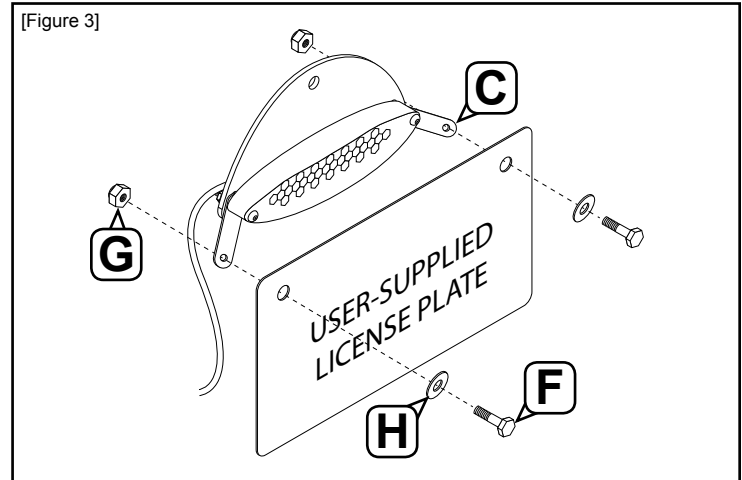


## STEP 2: OPTIONAL

TOOLS: TWO (2) 7/16 WRENCH OR SOCKET

This step is for the **OPTIONAL** installation of a (user supplied) license plate. If you did not install a License Plate Bracket [C] onto your LED Light kit during Step 1, you may skip this step and continue onto Step 3.

Attach a (user supplied) License Plate to the License Plate Brackets [C] using two (2) Hex Bolts [F], two (2) Large Washers [H], and two (2) Nylock Nuts [G] as shown [Figure 3].



## STEP 3:

TOOLS: TWO (2) 7/16 WRENCH OR SOCKET OR PHILLIPS HEAD DRILL BIT AND DRILL

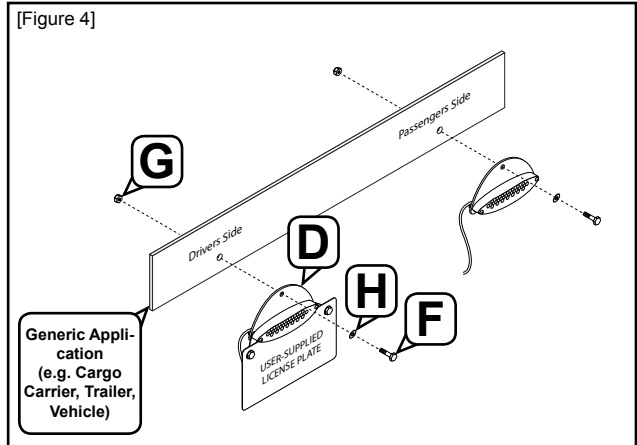
Included in this kit are three different options for mounting the LED Lights to varying surfaces. Depending on the application, the user should adapt these concepts to other mounting surfaces not shown.

### OPTION 1: Hex Bolts & Hardware

**Best for:** Installations with “ready-made” holes.

Install the LED Lights [A] onto your chosen application using two (2) Hex Bolts [F], two (2) Large Washers [H], and two (2) Nylock Nuts [G] (one for each light) to connect the LED Light Bracket [D] to the chosen application as shown [Figure 4].

**NOTE:** Be sure the LED Light marked **LEFT** (yellow wire) is installed on the **DRIVERS SIDE** of the vehicle. The LED Light marked **RIGHT** (green wire) must be installed on the **PASSENGER SIDE** of the vehicle.

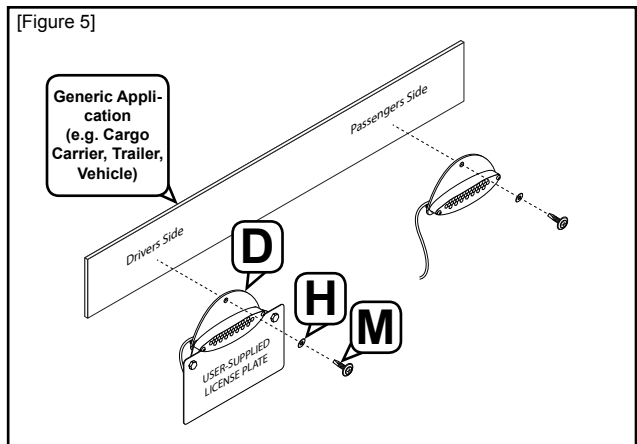


### OPTION 2: Self-Tapping Screws

**Best for:** Installations that do not have “ready-made” holes and has locations where the sharp backs of the Self-Tapping Screws will be obscured.

Install the LED Lights onto your chosen application using two (2) Self-Tapping Screws [M] and two (2) Large Washers [H] (one for each light) to connect the LED Light Brackets [D] to the chosen application as shown [Figure 5].

**NOTE:** Be sure the LED Light marked **LEFT** (yellow wire) is installed on the **DRIVERS SIDE** of the vehicle. The LED Light marked **RIGHT** (green wire) must be installed on the **PASSENGER SIDE** of the vehicle.

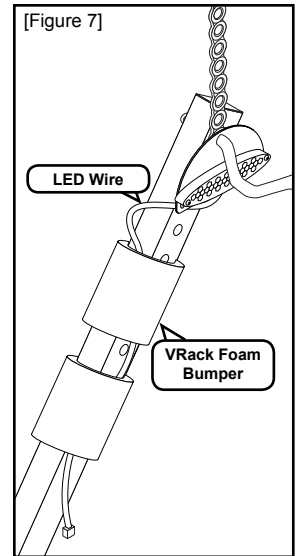
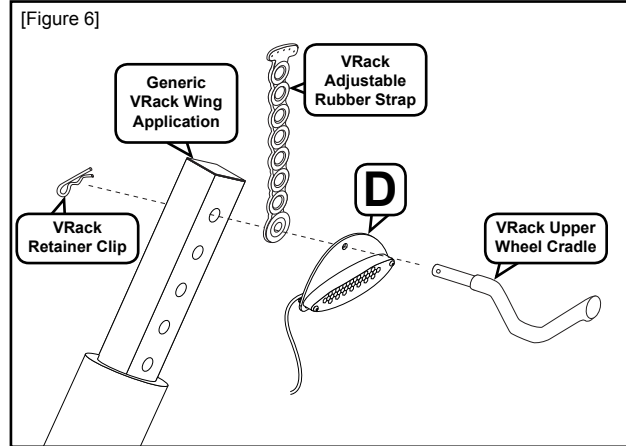


## OPTION 3: Installation on VRack (sold separately)

**Best for:** Installation on VRack Bicycle Carriers by Lets Go Aero.

Install the LED Light Assembly onto your pre-owned VRack using the rack's Upper Wheel Cradle assembly to mount the LED Light Bracket [D] onto the Wing support arm as shown (see your VRack manual for details on its parts) [Figure 6].

With the LED Light Assembly mounted to the VRack Wing, weave the wire down through the Foam Bumpers to remove slack on the LED Light Wire [Figure 7]. Repeat on other V-Wing.



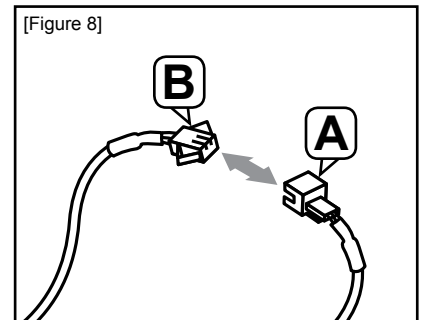
**NOTE:** Be sure the LED Light marked LEFT (yellow wire) is installed on the DRIVERS SIDE of the vehicle. The LED Light marked RIGHT (green wire) must be installed on the PASSENGER SIDE of the vehicle.

## STEP 4

Connect the Wire Harness [B] to the in-line plug ends of each LED Light [A] wire [Figure 8].

**NOTE:** Be sure the LED Light marked LEFT with the Yellow Wire is connected to the Wire Harness in-line end that also has a Yellow Wire and the LED Light marked RIGHT (green wire) is connected to the Wire Harness end that also has Green Wire.

**TIP:** Wrap the exposed wires of the in-line connection with electrical tape to increase the longevity of the LED Lights, especially when the LED Lights are subjected to poor weather conditions.



### ⚠ CAUTION:

Always detach the LED Wire Harness from vehicle before removing the application to avoid pulling and damaging wires.

### ⚠ CAUTION:

Failure to properly connect the Yellow Wire to the Drivers Side of the vehicle and the Green Wire to the Passenger Side of the vehicle will result in mismatched stop/turn lights and improper signaling. Be sure to review all signals before transit for proper installation.

## STEP 5

Connect the 4-flat end of the Wire Harness [B] to a 4-flat trailer light connection on the vehicle.

Check and confirm the LEDs are installed and wired properly by performing a full test on each brake light, left turn signal, right run signal, and hazard signal.

For More Information on Lets Go Aero Products & Accessories,  
Visit our Website - [www.LetsGoAero.com](http://www.LetsGoAero.com)  
Contact Us at 877-474-2376 or 719-630-3800 | Email [Support@LetsGoAero.com](mailto:Support@LetsGoAero.com)