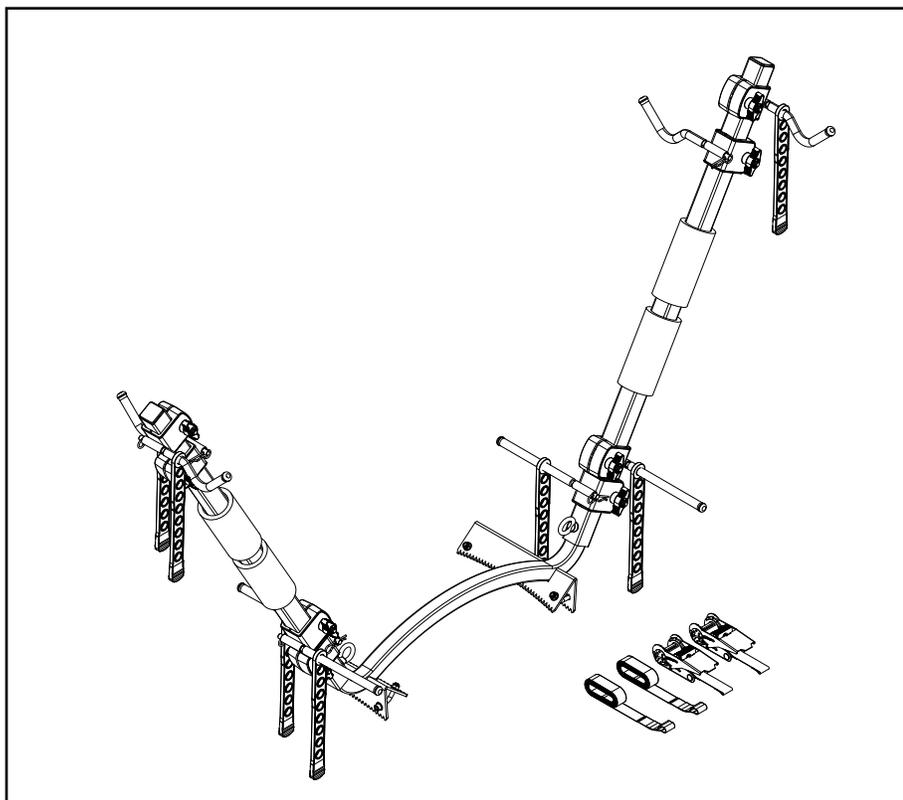


# PRODUCT MANUAL

## ASSEMBLY, INSTALLATION, AND OPERATION INSTRUCTIONS

Maximum load weight limit is 35 lbs per bicycle.  
For Rear Mounted Spare Tires.



### PARTS

#### QTY. DESCRIPTION

<b>A</b>	1	BASE
<b>B</b>	4	ANGLE BOLT
<b>C</b>	8	1/4" WASHER
<b>D</b>	4	1/4" NYLOCK NUT
<b>E</b>	2	RATCHET ASSEMBLY
<b>F</b>	2	LONG WEBBING STRAP
<b>G</b>	2	RATCHET COVERS
<b>H</b>	2	WING SUPPORT ARMS
<b>J</b>	8	CRADLE HOUSING
<b>K</b>	4	UPPER WHEEL CRADLE
<b>L</b>	4	LOWER WHEEL CRADLE
<b>M</b>	8	RUBBER STRAPS
<b>N</b>	8	SMALL RETAINER CLIPS
<b>O</b>	2	RING PIN

Watch the Assembly Video:



[www.LetsGoAero.com/Videos](http://www.LetsGoAero.com/Videos)

To register your product, visit the [LetsGoAero.com/registration](http://LetsGoAero.com/registration)

For More Information & Accessories, Visit our Website - [www.LetsGoAero.com](http://www.LetsGoAero.com)  
For Technical Support & Product Questions Contact Us at 877-464-2376 or 719- 630-3800  
Email: [SUPPORT@LETSGOAERO.COM](mailto:SUPPORT@LETSGOAERO.COM)

Let's Go Aero, Inc. 4474 Barnes Road Colorado Springs, CO 80917, USA

Patent and trademark protected. Patent Number 8,889,456; Patents Pending.

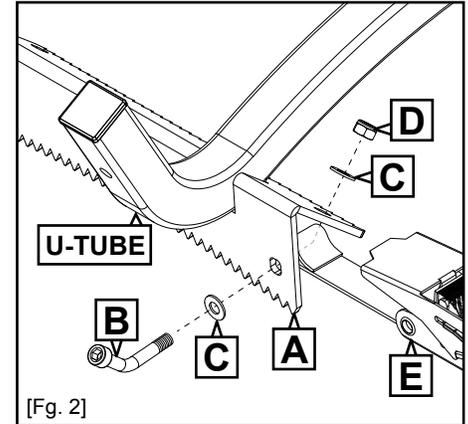
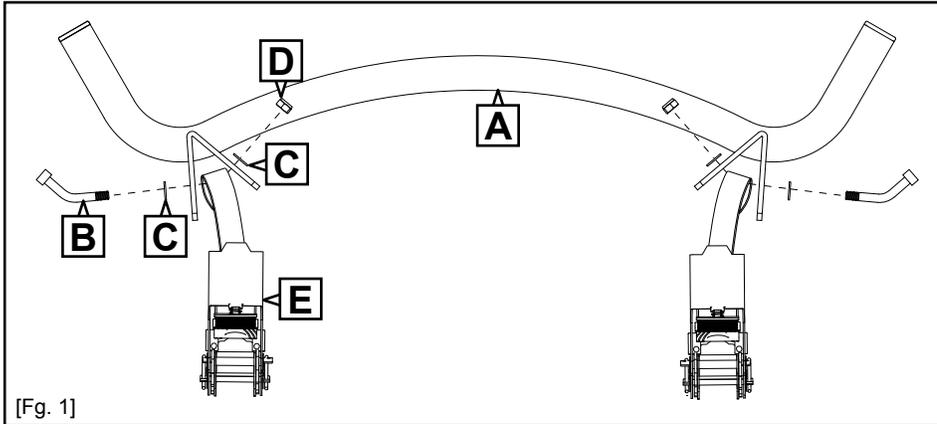
**NOTICE:** All Manual information is subject to change without notice. Revised editions will be available for free download at [LetsGoAero.com](http://LetsGoAero.com). Manual information is considered factual until made obsolete by a revised version.

Follow this QR-Code or visit  
[LetsGoAero.com/manuals](http://LetsGoAero.com/manuals) to check for an updated version:



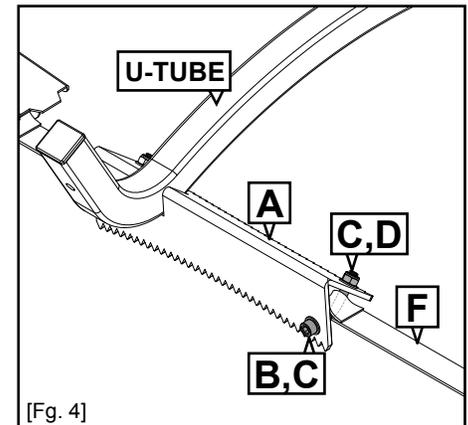
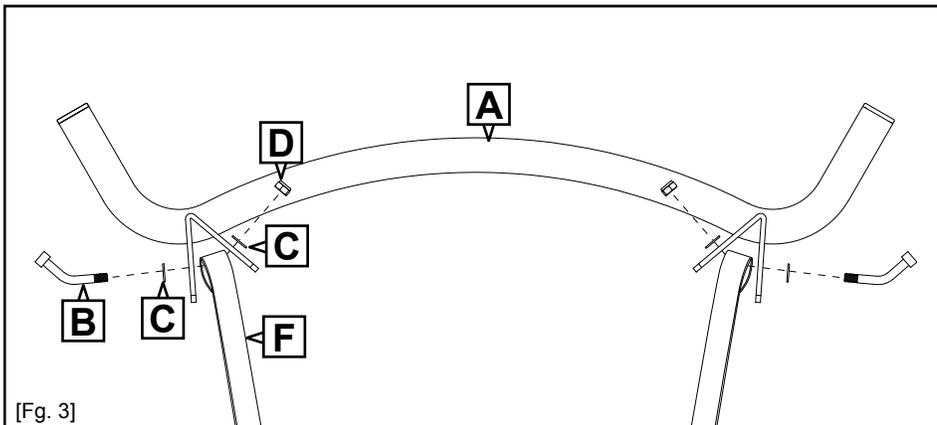
### STEP 1:

Install each Ratchet Assembly [E] to the Base [A] *on the side of the Base **CLOSEST** to the “U-Tube”* using one (1) Angle Bolt [B], two (2) 1/4” Washers [C] and one (1) Nylock Nut [D] running through the Base and the small Webbing Strap attached to the Ratchet Assembly as shown. [Fig. 1 & 2]



### STEP 2:

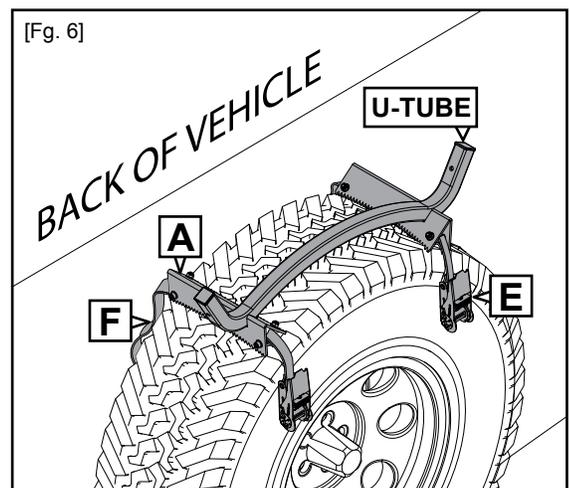
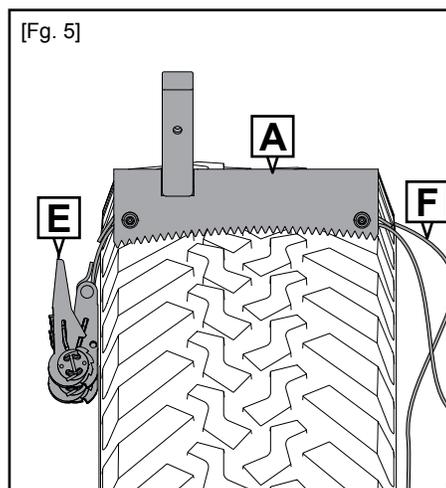
In the same manor as STEP 1, install each Long Webbing Strap [F] to the Base [A] *on the side of the Base **FURTHEST** to the “U-Tube”* using one (1) Angle Bolt [B], two (2) 1/4” Washers [C] and one (1) Nylock Nut [D] running through the Base and the looped end of the Long Webbing Strap as shown. [Fig. 3 & 4]



### STEP 3:

Set the Base [A] squarely centered onto the rear spare tire of the vehicle.

**NOTE:** The Ratchet Assembly [E] located closest to the U-Tube **MUST** be mounted facing away from the vehicle. [Fig. 5 & 6]

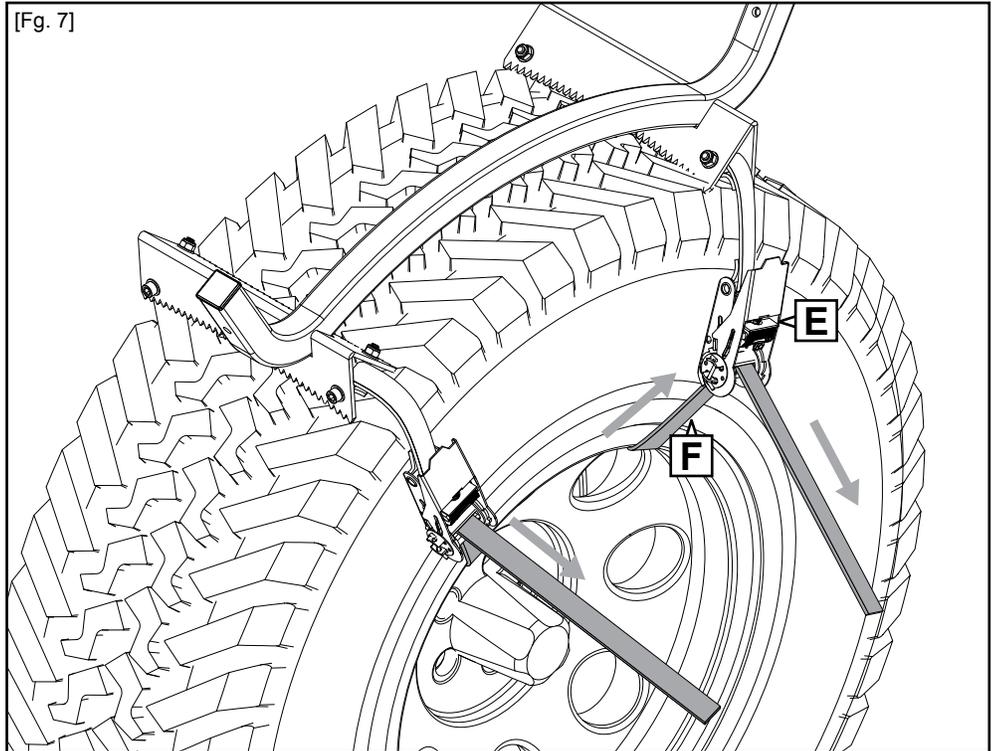
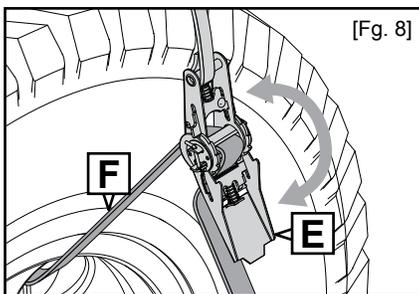


## STEP 4:

Thread the Long Webbing Strap [F] down and around the inside surface of the tire, then through a corresponding spoke or slotted hole in the wheel, then back up to meet and engage with the Ratchet Assembly [E].

Run the Long Webbing Strap [F] through the slot in the center rotating spool of the closed Ratchet Assembly [E]. Pull the webbing strap through until most the slack is removed.

Repeat this install procedure on the second Ratchet Assembly [E].  
[Fig. 7 & 8]



## STEP 5:

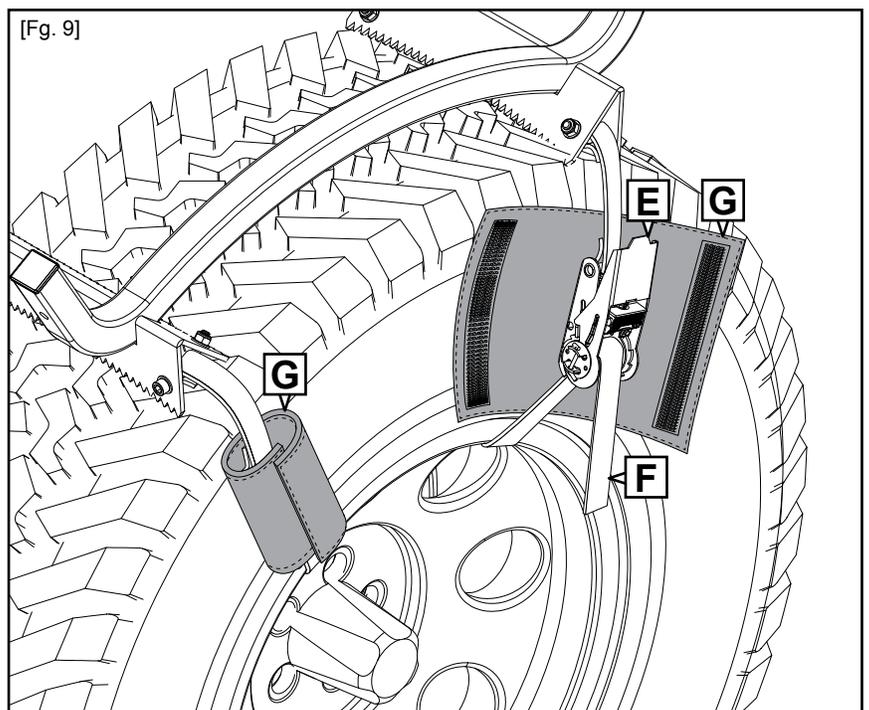
Slide one (1) Ratchet Cover [G] around the back of each Ratchet Assembly [E].

Finish tightening the Ratchet Assembly [E] in a progressive and alternating manner, until the TireBiter Base assembly cannot be moved on the tire by hand.

Close the Ratchet [E] and fold the excess length of the Webbing Strap [F] around the Ratchet Assembly.

Fold the Ratchet Covers around the Ratchet Assembly to engage the velcro covering the Ratchet Assembly and the Webbing Straps.  
[Fig. 9]

**IMPORTANT:** Before each use, re-check the tension on the Long Webbing Strap [F] to ensure it is snug and tight before closing the Ratchet Covers [G].



## STEP 6:

Using one (1) Wing [H], slide both foam bumpers to the center of the Wing.

Turn the handles on each Cradle Housing [J] to loosen their grip.

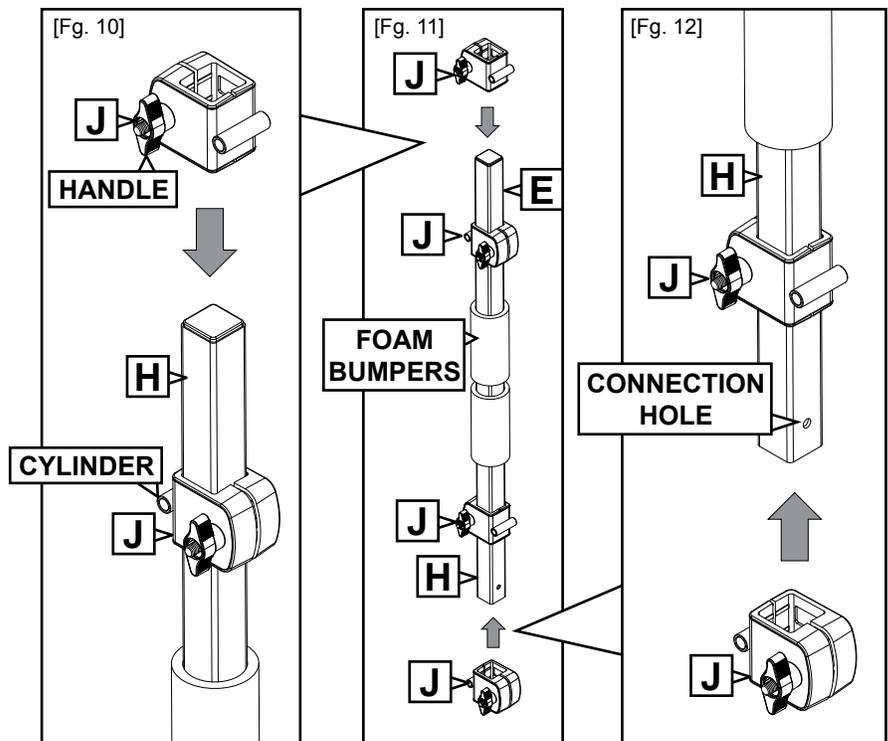
Slide two (2) Cradle Housings [J] above the foam bumpers and two (2) more Cradle Housings below the foam bumpers. [Fig. 10, 11 & 12]

**NOTE:** The cylinders located on each Cradle Housing [J] **MUST** rest along the same sides as the connection hole located at the bottom of the Wing [J].

**NOTE:** It is recommended to Position the cylinders located on each Cradle Housing [J] so that they alternate direction as shown.

Re-tighten each Cradle Housing [J] handle to secure in place on the Wing [H].

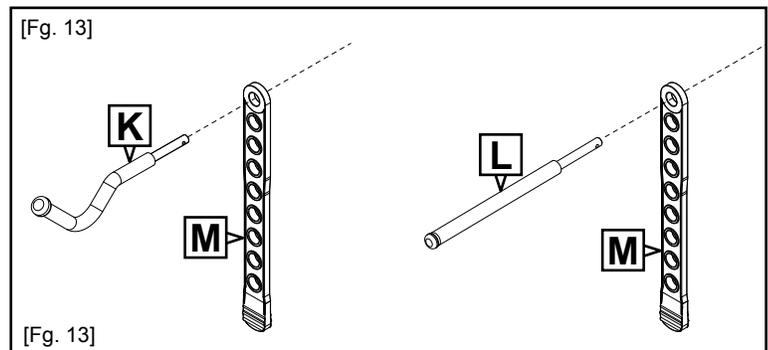
Repeat this step for the second Wing [H].



## STEP 7:

Slide the round end of one (1) Rubber Strap [M] onto each Upper Wheel Cradle [K] and Lower Wheel Cradle. [Fig. 13]

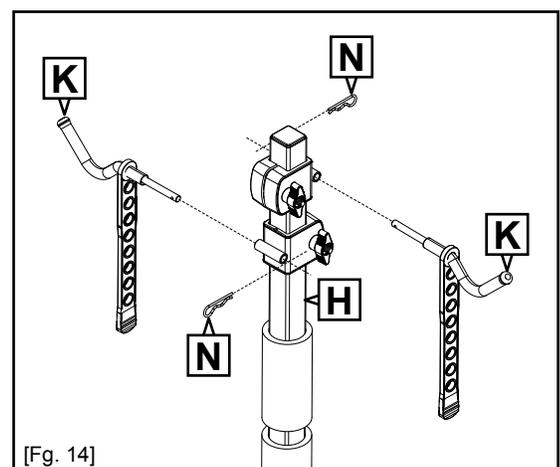
**NOTE:** Be sure to slide the Rubber Straps [M] all the way onto the cradles so that it tightly rests over the plastic coating of the Wheel Cradle [K & L].



## STEP 8:

Insert two (2) Upper Wheel Cradles [K] with Rubber Straps [M] facing in opposite directions into the two (2) Cradle Housing [J] installed above the foam bumpers on each Wing [H] as shown. [Fig. 14]

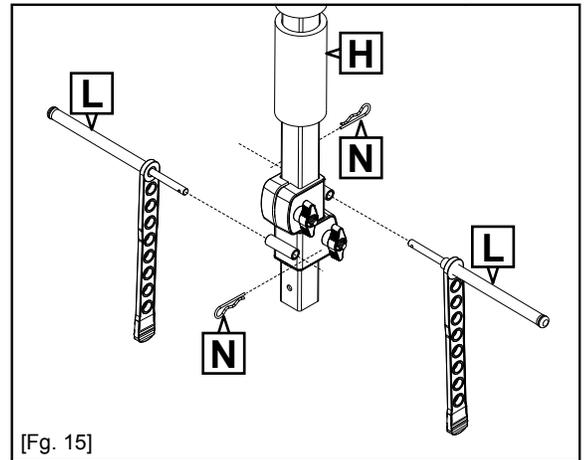
Secure each Upper Wheel Cradle [K] with a Retainer Clip [N].



## STEP 9:

Insert two (2) Lower Wheel Cradles [L] with Rubber Straps [M] facing in opposite directions into the two (2) Cradle Housing [J] installed below the foam bumpers on each Wing [H]. [Fig. 15]

Secure each Lower Wheel Cradle [L] with a Retainer Clip [N].



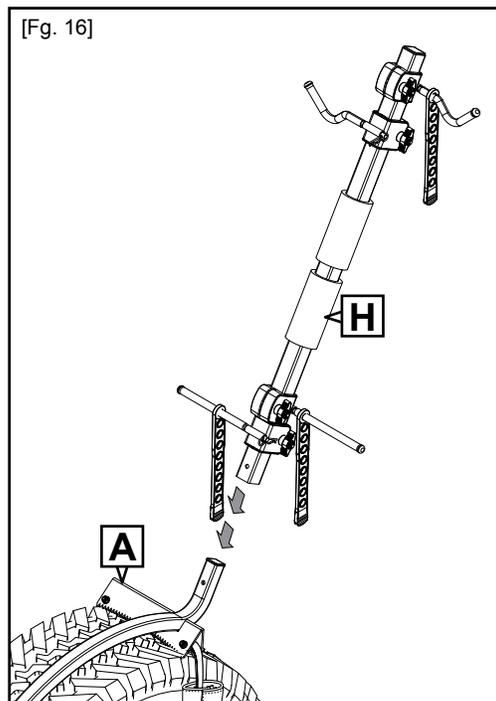
[Fig. 15]

## STEP 9:

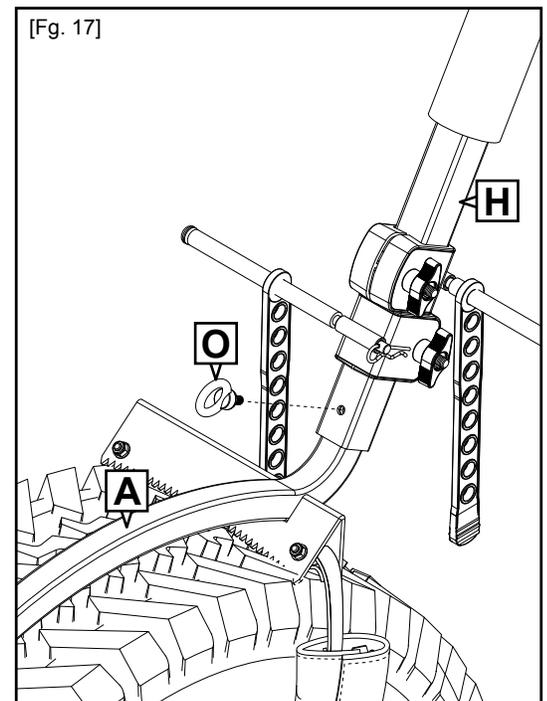
Slide both Wings [H] onto the Base [A] aligning the holes at the bottom of the Wing with holes on the Base.

Thread one (1) Ring Pin [O] into the holes located on each Wing [H] securing the Wings to the Base [A]. [Fig. 16 & 17]

**NOTE:** The Ring Pin [O] **MUST** always be threaded through the hole in the Wing [H] from above/inside the Base [A] as shown.



[Fig. 16]



[Fig. 17]

**TIP:** The TireBiter carrier and mounted bicycles can be locked to the vehicle using a standard cable lock (not included) by running a cable through the Ring Pins [O], the tire and the mounted bicycles.

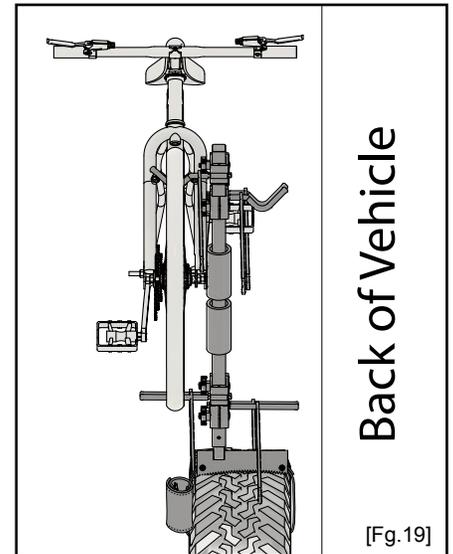
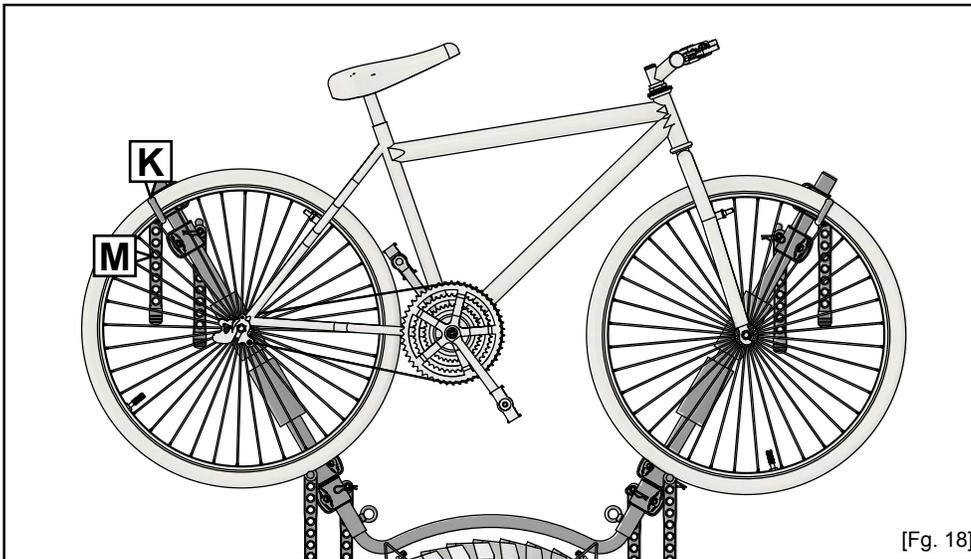
## Operation: Bicycle Mounting

Hang bicycles by the tires on the Upper Wheel Cradles [K] with the chain rings to the outside. [Fig. 18 & 19]

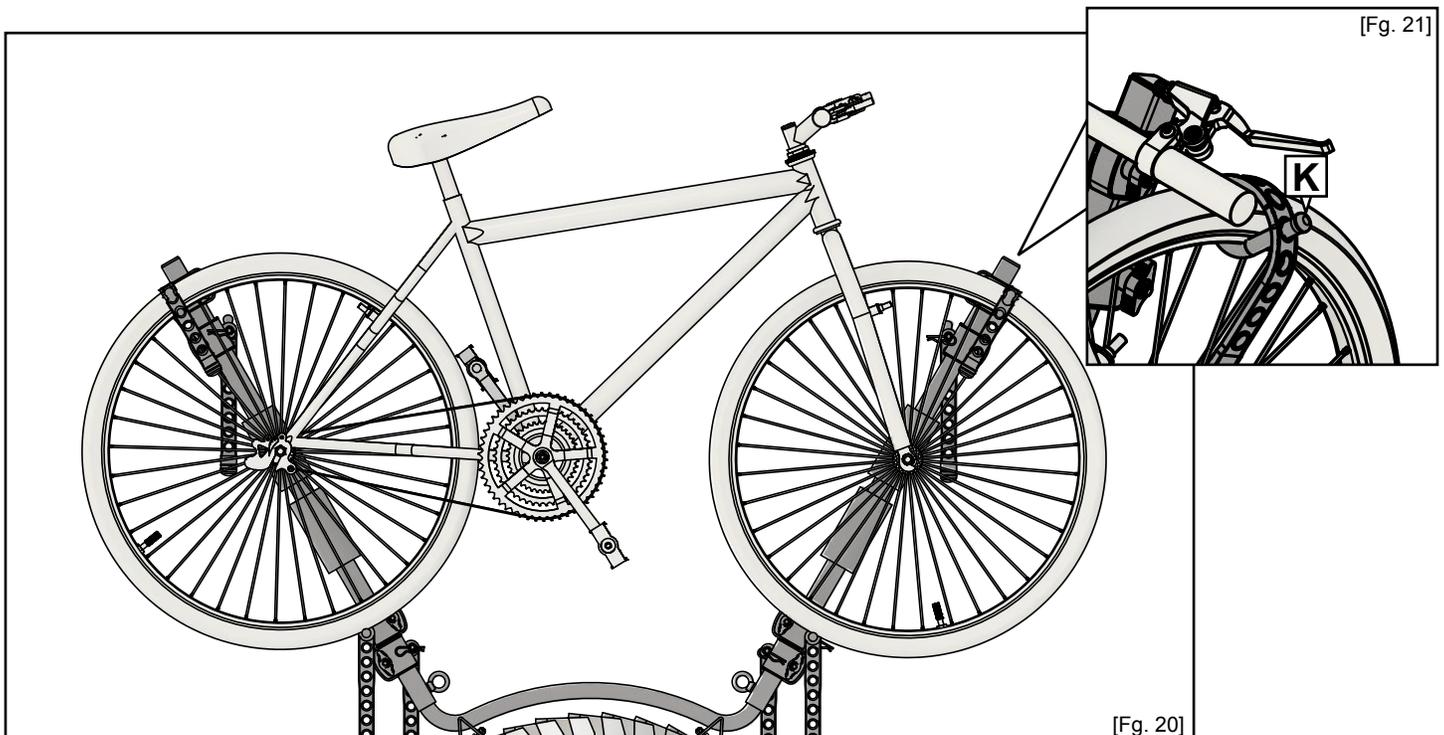
Adjust the Foam Bumpers located on the Wings [H] to protect the frame of the bicycle.

**IMPORTANT:** For two bicycles, position the bicycles facing in opposite directions (front-to-back/back-to-front) with the chain ring to the outside.

Some adjustment of the Wheel Cradles may be necessary in order to accommodate both bicycles.



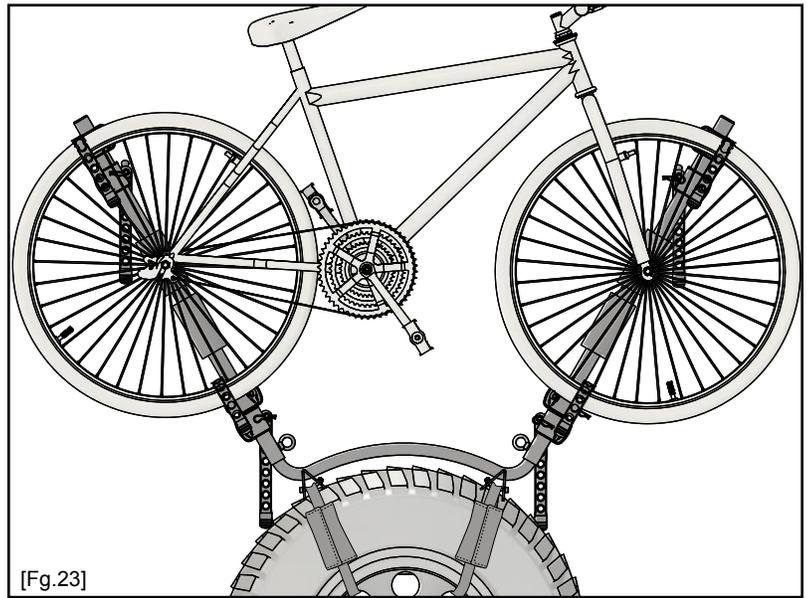
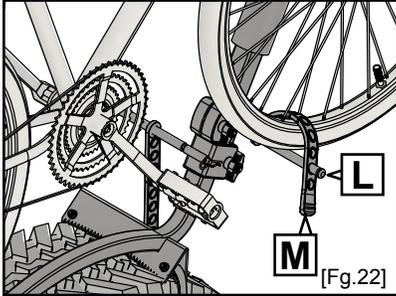
Secure by tensioning each Rubber Strap [M] over the top of each tire and engaging a strap hole over the end of the Upper Wheel Cradle [K] using the tightest hole available. [Fig. 20 & 21]



Slide the Lower Wheel Cradle [L] to meet the bottom/side of the bicycle tire.

Secure the Lower Wheel Cradle [L] using the same technique as the Upper Wheel Cradles. [Fig. 22 & 23]

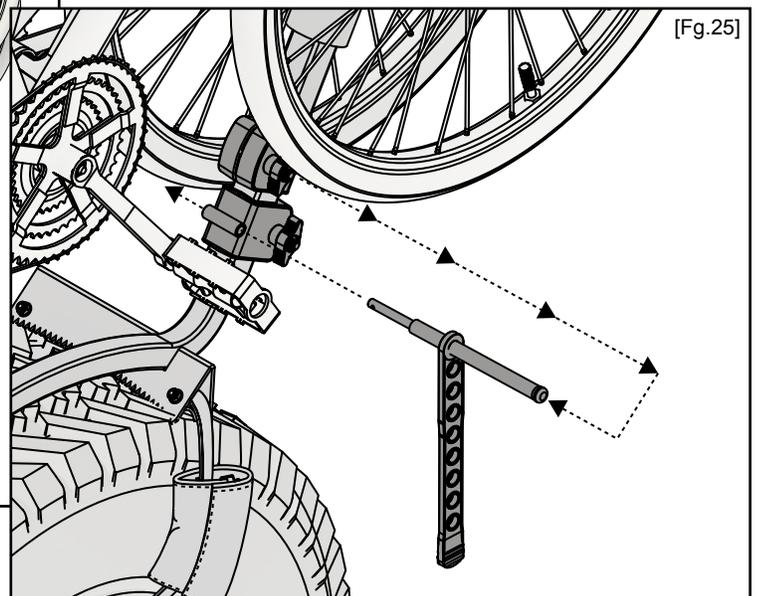
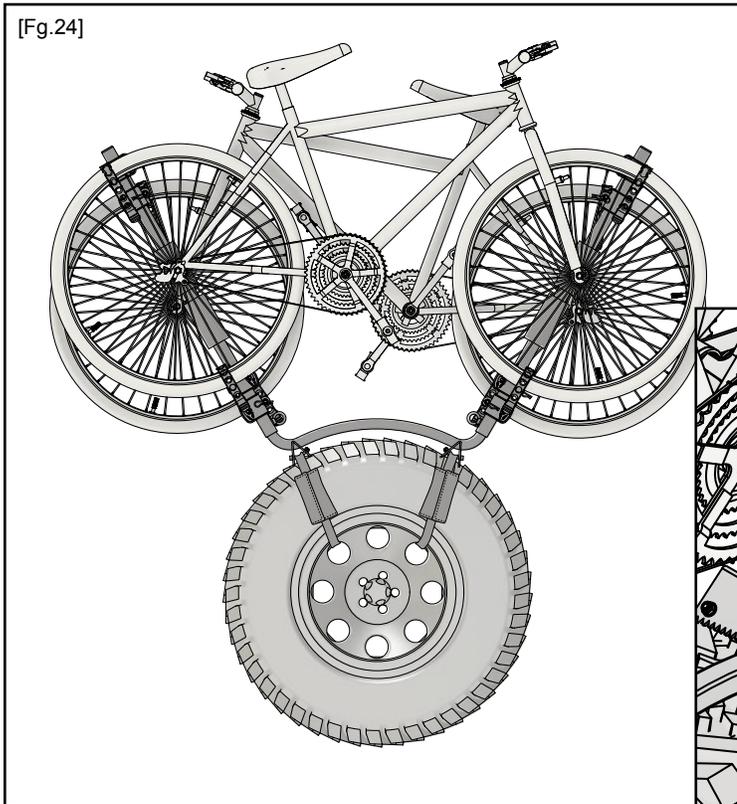
**TIP:** Pull the Rubber Straps [M] to the outside edge of the outer edge Lower Cradle [L] to position bicycles wheels so the frame of the bicycle is pulled away from the Wings [H] for wheel touch only performance. [Fig. 23]



## Adjusting Position of Bicycles

To accommodate varying bike sizes, slide the cradle along the wings and re-tighten. [Fig. 24]

**TIP:** Lower Wheel Cradles [L] can be easily reversed while the bicycle hangs from the Upper Wheel Cradles [M] to the opposite side of their housing for quick adjustability. [Fig. 25]



## OPERATION GUIDELINES

Keep bicycles away from hot exhaust.

Drive conservatively, especially over bumps.

Bicycles should never extend beyond sides of vehicle.

For best weight distribution, always load heaviest bicycles closest to vehicle hitch and lightest bicycles farther away.

Do not use Let's Go Aero carriers and accessories for purposes other than which they were designed.

Rated for motorized vehicles only; not for use on trailers or towed vehicles.

### MAXIMUM WEIGHT CAPACITY LIMIT

The maximum load weight per bicycle is 35 lbs. Do not exceed this weight per bicycle. Failure to follow this guideline will void the warranty.

### ⚠ WARNING:

The maximum overall weight limit is 35 lbs plus the empty weight of the rack. This limit is always subordinate to the maximum load recommended by the manufacturer of the vehicle itself. It is always the lower maximum recommended load that applies. Do not exceed the overall carrying capacity of the rack or the vehicle manufacturer's spare tire mount or tailgate limit. Failure to follow these guidelines or the product's instructions will void the warranty.

### ⚠ WARNING:

Always check that ratchet straps and all bolts and connections are tight and fully secure. Make sure the bicycles are securely attached to the bicycle rack using all required straps provided. Failure to follow proper installation and equipment checks before transit may result in damage to carrier, proper, bodily injury, or death.

### ⚠ CAUTION:

Car vehicle exhaust can cause a hazard. As a precaution, position bicycles clear of exhaust.

## LET'S GO AERO LIMITED 3-YEAR WARRANTY

If a Let's Go Aero bike rack is found to have a defect in workmanship or material within a 3-year period of the purchase date of the original purchaser, Let's Go Aero will repair or replace the defect free of charge. This warranty terminates if a purchaser transfers the product to any other person.

The warranty does not cover damage or wear which occurs as a result of day to day use or general wear and tear. No warranty is given for defects caused by normal wear and tear, cosmetic rust, scratches, accidents, unlawful vehicle operation, or modification of, or any types of repair of, a load carrier system other than those authorized by Let's Go Aero.

No warranty is given for defects resulting from conditions beyond Let's Go Aero's control including, but not limited to, misuse, overloading, or failure to assemble, mount or use the product in accordance with Let's Go Aero's written instructions or guidelines included with the product or made available to the purchaser.

Subject to the limitations and exclusions described in this warranty, Let's Go Aero will remedy defects in materials or workmanship by repairing or replacing any parts diagnosed to be at issue without charge for parts or labor. In the event that a product is defective, the purchaser should contact the Let's Go Aero dealer from whom the product was purchased. If the dealer is not able to correct the defect, the purchaser should contact Let's Go Aero in writing to [Support@LetsGoAero.com](mailto:Support@LetsGoAero.com) or by phone at 877-464-237 or 719-630-3800.

In the event that a product needs to be returned to Let's Go Aero, a Let's Go Aero technician will provide the purchaser with the appropriate mailing address and any additional instructions. Proof of purchase in the form of an original purchase invoice or receipt, and a detailed description of the defect must be provided. Please note that a Return Merchandise Authorization (RMA) from Let's Go Aero is required for any returns.

DISCLAIMER OF LIABILITY REPAIR OR REPLACEMENT OF A DEFECTIVE PRODUCT OR THE ISSUANCE OF A REFUND OR CREDIT (AS DETERMINED BY LET'S GO AERO) IS A PURCHASER'S EXCLUSIVE REMEDY UNDER THIS WARRANTY. DAMAGE TO A PURCHASER'S VEHICLE, CARGO AND/OR TO ANY OTHER PERSON OR PROPERTY IS EXCLUDED.

THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

LET'S GO AERO'S SOLE LIABILITY TO ANY PURCHASER IS LIMITED TO THE REMEDY SET FORTH ABOVE. IN NO EVENT WILL LET'S GO AERO BE LIABLE FOR ANY LOST PROFITS, LOST SALES, OR FOR ANY CONSEQUENTIAL, DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR PUNITIVE DAMAGES OR FOR ANY OTHER DAMAGES OF ANY KIND OR NATURE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS MAY NOT BE APPLICABLE. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.