

## Read and Save this Manual.

Keep this manual for the safety warnings and precautions. Refer to this manual for operating, maintenance and inspection procedures. Log the items serial number on the front of this manual. Keep purchase receipt with this manual in a safe dry location for future reference.



PATENT PENDING

## Flex Wing Accessory Carrier

Model: Flex Wing



For help with this product please visit our website at [www.xrack.us/help](http://www.xrack.us/help) or call 888-998-5739 or 516-338-0884 for assistance. Never overload the rated weight of the vehicle's hitch capacity which may be lower than the rating of the cargo carrier. Tools are not included for installation to the vehicle.

### **⚠ WARNING**

READ THIS MANUAL BEFORE USING THIS PRODUCT. FAILURE TO DO SO CAN RESULT IN SERIOUS INJURY. SAVE THIS MANUAL

### **⚠ WARNING**

Do not operate with unstable loads  
Do not load beyond rated capacity  
Always strap load securely  
Distribute load evenly  
Do NOT sit, Stand or ride on  
Do NOT exceed 65 MPH with Carrier attached  
Follow DOT Guidelines for installation and use

### **⚠ ADVERTENCIA**

No opere con cargas inestables  
No cargue más allá de la capacidad nominal  
Siempre cargue la carga de forma segura  
DISTRIBUIR carga uniformemente  
No se siente, se pare o monte  
NO exceda 65 MPH con Carrier adjunto  
Siga las pautas DOT para instalación y uso

### **⚠ ADVERTISSEMENT**

Ne pas utiliser avec des charges instables  
Ne chargez pas au-delà de la capacité nominale  
Toujours attacher la charge en toute sécurité  
DISTRIBUER charge uniformément  
Ne pas s'asseoir, se tenir ou monter sur  
Ne dépassez PAS 104 kilomètres à l'heure avec le transporteur attaché  
Suivez les directives des autorités pour l'installation et l'utilisation

# Installation Instructions

Follow these instructions to install the Flex Wing Accessory to your cargo carrier or to your 2" receiver hitch. Remove safety cotter pin from the threaded hitch pin. Slide receiver tube into cargo carrier rear accessory port and line up holes as in (Fig. 1) or insert directly in the cars 2" receiver hitch (Fig. 2). Insert threaded hitch pin into side with nut insert and tighten with 7/8" wrench, then insert safety cotter pin (Fig. 5) or optional pin lock with key (Fig 4). Insert pin with tab with wire lock (Fig. 6). Anti rattle knob (Fig 7) (optional) can be added to eliminate any movement or noise. Attach wings to any of the mounting positions (Fig 3) using provided hardware With locking nuts. Tracks on wings should be on bottom (Fig.9). Flex wing can swing back to access rear hatch or trunk by removing pin with wire lock and anti rattle knob. (Fig. 8)

**100lb Maximum Capacity** (Total combined with accessories and gear) Do not exceed rating for carrier and or vehicle hitch.

## Suggested tools:



7/8" Open End Wrench  
or  
Adjustable wrench



And 1/2" Open End Wrench  
or another  
Adjustable wrench



Not Included

Please call us if you need  
further instructions. 516-338-0884

Fig.1



Fig.2

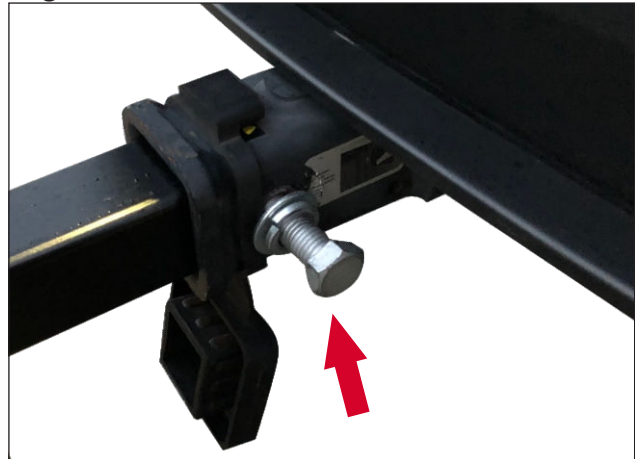


Fig.3

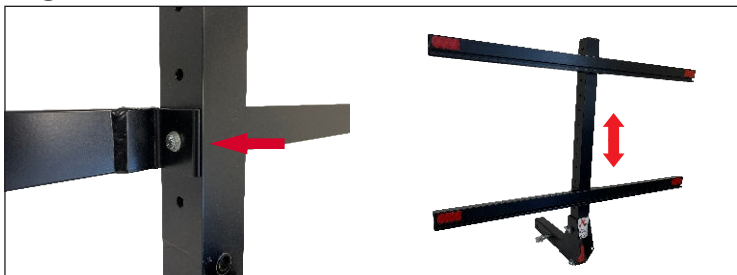


Fig.4



Fig.5



Fig.6



Fig.7



Fig.8

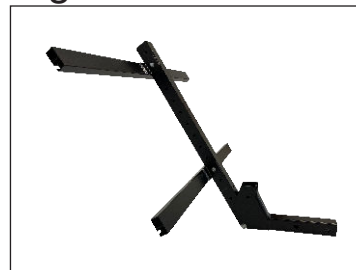




Fig.9



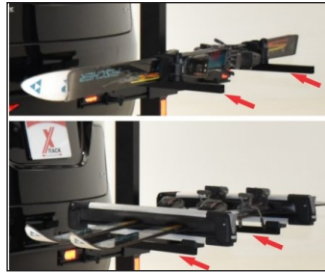
# Safety Information

1. Read all instructions before using this product
2. Check for missing or damaged parts
3. Do not exceed the Cargo Carriers maximum load capacity as listed above.
4. Only use cargo carrier with 2" receiver hitch or Proper X-Rack reducing sleeve \*\*\*note when using a reducing sleeve you will be lowering the capacity of the cargo carrier to match the reducing sleeve's capacity and or the vehicle's hitch rating. Vehicle hitch ratings may be lower than the cargo carriers load capacity. DO NOT overload your carrier or exceed vehicle hitch ratings.
5. Always distribute load evenly.
6. Always secure load with proper straps. All straps should be checked after driving a few miles and adjusted accordingly. Make periodic stops to check straps have not loosened or load has shifted or become unstable.
7. DO NOT sit, stand or ride on
8. DO NOT exceed 65MPH while carrier is attached
9. Follow D.O.T. Guidelines for installation and use.
10. Only use X-Rack approved accessories in the rear port.
11. Be aware of road conditions! Sudden bumps and pot holes can cause an instant dynamic load on the cargo carrier which may result in damage to the equipment. Driving over a bump can create a brief excess load on your carrier and vehicle hitch. Always check your load and hitch connections after going over any large bumps or dips in the road.
12. Be aware of your vehicles exhaust and make sure cargo carrier is not blocking or touching any exhaust
13. Do not block vehicle rear lights with racks or accessories.

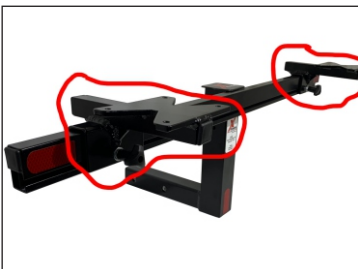
 Failure to comply with these instructions and safety precautions can result in serious injury or damage to equipment or vehicle 

## Flex Wing Accessories

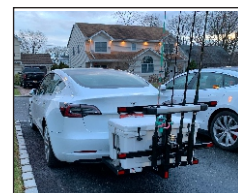
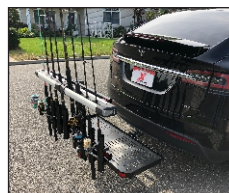
Snow Accessory mount with track (Thule Accessories sold separately)



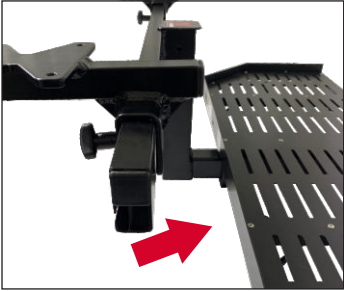
Snow Board Carrier Adapter Brackets (Thule Accessories sold separately)



Fishing Rod Carriers  
(Carry up to 8 Rods)



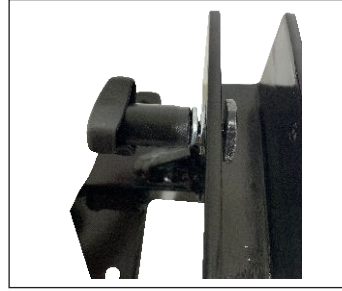
# Installing Accessories



Insert fully into carrier or Hitch Receiver, tighten hitch pin and insert cotter pin



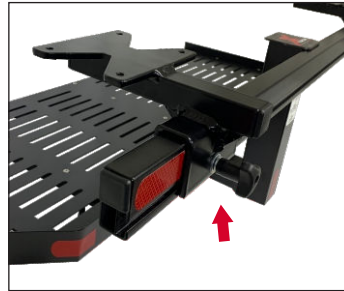
Always use Lock washer and tighten knob. Check periodically to check tightness.



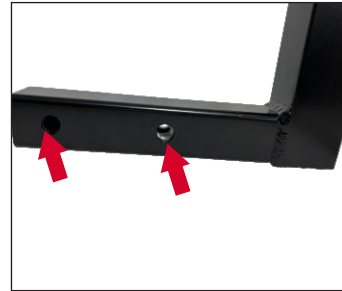
Attach T-Slot bolt prior to installing, keep loose until slot bolt is fully in the track.



Insert slot bolt into slot from the end



Brackets can be reversed and face vehicle by switching the bolt to opposite side



Hitch pin Nut insert can be moved to either hole



Optional Locking Knob

# Technical Specifications

Model	Load Capacity*	Dimensions	Weight	Receiver Size
Flex Wing Base	100lb	40"x32"x12"	13 lbs	2"
Snow Accessory mount (track)	30	20"x4"x4"	2lbs	N/A
Snow Board Bracket set	30	7"x5"x4"	2lbs	N/A
Fishing Rod Holder (4 rod)	10	18"x3"x11"	3.5lbs	N/A

\* Including weight of rack and any accessories  
Only use X-Rack approved accessories in rear port of cargo carriers

# Maintenance and Service

Always inspect carrier before use Check for:

- Loose or missing hardware
- Cracked or broken parts
- Any bent parts

DO NOT use Cargo Carrier or accessories if there is damage or missing parts.

Cleaning/Care:

- Clean with a mild soap and sponge or rag.
- Keep inside of receiver tube clean from debris
- Always thoroughly dry before storage.

## LIMITED WARRANTY

B&R Innovations, LLC (B&R) warrants this product to be free of defects in material and workmanship during the warranty period. Our warranty obligation is to provide a replacement for a defective original part if the part is covered by the warranty, after we receive a proper request from the warrantee (you) for warranty service.

### Who may request service?

Only a warrantee may request service. You are a warrantee if you purchased the product from B&R or from an authorized distributor AND B&R has been fully paid.

### What is an “original part”?

An original part is a part used to make the product as shipped to the warrantee.

### What is a “proper request”?

A request for warranty service is proper if B&R receives: 1) a photocopy of the Customer Invoice that displays the shipping date; AND 2) a written request for warranty service including your name and phone number. Send requests by any of the following methods:

Mail, Fax or Email

X-Rack c/o B&R Innovations, LLC

[Info@BandRinnovations.com](mailto:Info@BandRinnovations.com)

Fax: 917-677-8449

999 S. Oyster Bay Rd, Ste. 402

Bethpage, NY 11714

In the written request, list the parts believed to be defective and include the address where replacements should be delivered.

### What is covered under the warranty?

After B&R receives your request for warranty service, an authorized representative will contact you to determine whether your claim is covered by the warranty. Before providing warranty service, B&R may require you to send the entire product, or just the defective part or parts, to its facility in Bethpage, NY. The warranty covers defects in the following original dynamic components: motors, hydraulic pumps, electronic controllers, switches and cylinders. It also covers defects in original parts that wear under normal usage conditions (“wearing parts”), such as bearings, hoses, wheels, seals, brushes, and batteries.

### How long is the warranty period?

The warranty period for X-Rack Frame and Receiver tube is 1 year. The warranty period begins on the date when B&R ships the product to the warrantee. If the product was purchased from an authorized distributor, the period begins when the distributor ships the product. B&R may extend the warranty period for products shipped from authorized distributors by up to 30 days to account for shipping time.

### If a defective part is covered by the warranty, what will B&R do to correct the problem?

B&R will provide an appropriate replacement for any covered part. An authorized representative of B&R will contact you to discuss your claim.

### What is not covered by the warranty?

1. Labor;
2. Freight;
3. Occurrence of any of the following, which automatically voids the warranty:
  - Product misuse;
  - Negligent operation or repair;
  - Corrosion or use in corrosive conditions;
  - Inadequate or improper maintenance;
  - Damage sustained during shipping;
  - Accidents involving the product;
  - Unauthorized modifications: DO NOT modify the product IN ANY WAY without first receiving written authorization from B&R. Modification(s) might make the product unsafe to use or might cause excessive and/or abnormal wear.
4. Hardware
5. Non X-Rack accessories
6. Powder coating chips and scratches, and is very difficult to fix or repair. Chips and scratches are a direct result from day to day use and are not covered under warranty.

### Do any other warranties apply to the product?

B&R makes no other express warranties. All implied warranties are disclaimed to the extent allowed by law. Any implied warranty not disclaimed is limited in scope to the terms of this Limited Warranty.