

**MAXXHAUL 50149**

# MaxxHaul 50149 Folding Aluminum Cargo Carrier Instruction Manual

Model: 50149

## 1. INTRODUCTION

This manual provides instructions for the assembly, operation, and maintenance of your MaxxHaul 50149 Folding Aluminum Cargo Carrier. This carrier is designed to provide additional cargo space for vehicles equipped with a 2-inch hitch receiver. It features a lightweight yet durable aluminum construction and a folding design for convenient storage.

Please read this manual thoroughly before assembly and use to ensure safe and proper operation.

## 2. SAFETY INFORMATION

**WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**

- Always ensure the cargo carrier is securely attached to the vehicle's hitch receiver using the provided hitch pins.
- Do not exceed the maximum load capacity of 500 pounds distributed weight.
- Distribute cargo evenly across the carrier to maintain vehicle stability.
- Secure all cargo with appropriate tie-downs to prevent shifting or falling during transit.
- Regularly inspect the carrier for any signs of damage, wear, or loose fasteners before each use.
- Be aware of the increased length and width of your vehicle when the carrier is installed, especially when backing up or maneuvering.
- Ensure that the vehicle's exhaust system does not direct hot gases directly onto the cargo or carrier, which could cause damage or fire.
- Check local and state regulations regarding cargo carrier usage, including visibility of license plates and taillights. Additional lighting or license plate relocation may be required.

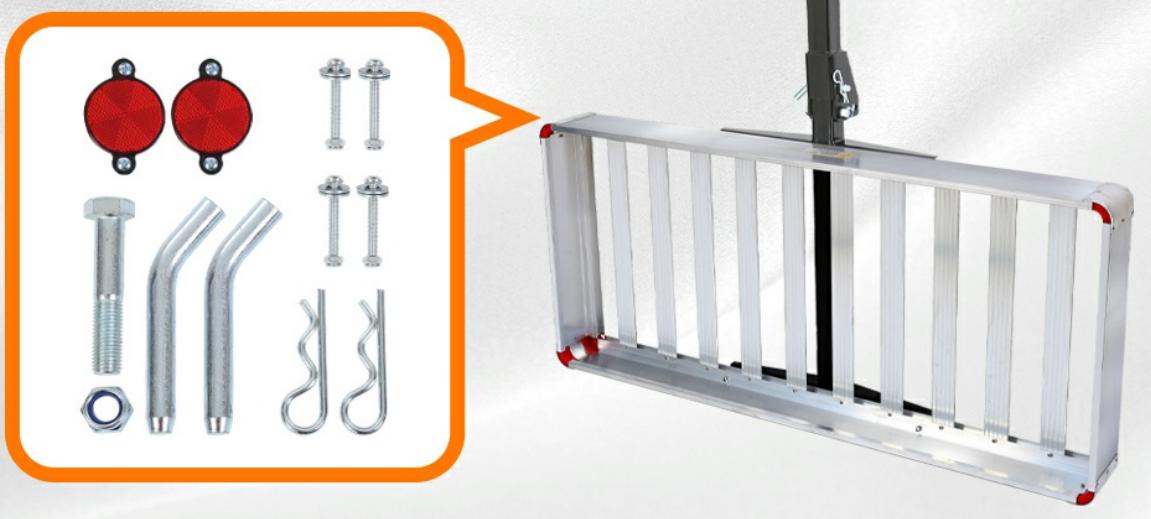
### 3. PARTS LIST

The MaxxHaul 50149 Folding Aluminum Cargo Carrier comes with the following components:

- Pre-assembled Aluminum Basket (50" x 22" x 5")
- Heavy-Duty Steel Frame Under Support with 2" x 2" Hitch Shaft
- Hitch Pins (2)
- Reflector Lenses (2)
- Mounting Hardware (bolts, nuts, washers for reflectors and frame attachment)

## INCLUDED ACCESSORIES

Installation is required for the included reflectors.



**Figure 3.1:** Included Accessories. This image displays the various components provided for assembly, including the red reflector lenses, mounting hardware, and hitch pins.

### 4. SETUP AND ASSEMBLY

The cargo basket comes pre-assembled. Only the heavy-duty steel frame under support needs to be attached, along with the reflector lenses.

#### Required Tools:

- Phillips head screwdriver
- 10mm socket or wrench
- 4mm Allen wrench (hex key)
- 1 inch socket or adjustable wrench (for folding mechanism bolt)

#### Assembly Steps:

1. **Attach Steel Frame to Basket:** Position the heavy-duty steel frame under support under the pre-assembled aluminum basket. Align the bolt holes. Secure the frame to the basket using the provided bolts, nuts, and washers. A 10mm socket/wrench and 4mm Allen wrench are typically used for these fasteners. Ensure all connections are tight.

- 2. Install Folding Mechanism Bolt:** Connect the folding part of the carrier to the hitch shaft using the large bolt and nut. Tighten securely with a 1-inch socket or adjustable wrenches.
- 3. Install Reflector Lenses:** Attach the two red reflector lenses to the designated points on the rear of the cargo carrier using a Phillips head screwdriver. Ensure they are facing outwards for maximum visibility.
- 4. Insert Hitch Pins:** Once assembled, insert the two hitch pins into the appropriate holes on the hitch shaft. These pins secure the carrier to your vehicle's hitch receiver.



**Figure 4.1:** Hitch Pins and Folding Mechanism. This image illustrates the secure attachment points and the pivot for folding.

**Figure 4.2:** Quality Build and Hitch Compatibility. This image emphasizes the durable materials and fit for Class III and IV 2-inch hitch receivers.

## 5. OPERATION

### Attaching to Vehicle:

1. Slide the 2" x 2" hitch shaft of the cargo carrier into your vehicle's Class III or IV hitch receiver.
2. Align the pin holes and insert the provided hitch pins to secure the carrier. Ensure the pins are fully engaged and secured with their clips.
3. For added stability and to reduce wobble, consider using a hitch stabilizer (sold separately).

### Loading Cargo:

- Ensure the total weight of your cargo does not exceed the 500-pound distributed weight capacity.
- Distribute the weight evenly across the carrier surface. Avoid placing heavy items solely on one side.
- Utilize the high side rails and multiple tie-down points to secure your cargo using straps, bungee cords, or netting. Ensure cargo cannot shift or fall out during travel.
- Verify that the cargo does not obstruct the vehicle's taillights, turn signals, or license plate. Adjust cargo or consider auxiliary lighting if necessary.



Figure 5.1: Cargo Carrier Ready for Use. This image shows the carrier mounted on a vehicle's hitch receiver.



Figure 5.2: Safety Features. This image highlights the design elements that enhance safety and cargo security.

## Folding the Carrier:

When not in use, the cargo carrier can be folded upwards for compact storage and to reduce vehicle length.

1. Ensure all cargo is removed from the carrier.
2. Locate the folding mechanism near the hitch receiver. Depending on the design, this may involve pulling a pin or releasing a latch.
3. Carefully pivot the carrier upwards until it locks into the vertical position. Ensure it is securely latched or pinned in the folded position.

## FEATURES A FOLDABLE DESIGN

Conveniently Store When Not In Use



Figure 5.3: Carrier in Folded Position. This image demonstrates the carrier folded vertically against the vehicle for storage.

## 6. MAINTENANCE

- **Regular Inspection:** Before each use, inspect all components for signs of wear, damage, cracks, or corrosion. Pay close attention to welds, bolts, and the hitch connection point.
- **Fastener Check:** Periodically check and tighten all bolts, nuts, and fasteners to ensure they remain secure. Loose fasteners can lead to instability and potential failure.

- **Cleaning:** Clean the cargo carrier regularly with mild soap and water. Rinse thoroughly and allow to dry. Avoid harsh chemicals that could damage the aluminum finish or steel coating.
- **Lubrication:** Apply a light lubricant to the folding mechanism pivot points annually or as needed to ensure smooth operation.
- **Storage:** When not in use, store the cargo carrier in a dry place to prolong its lifespan.

## 7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Carrier wobbles or rattles excessively.	Loose hitch connection; unevenly distributed load; worn components.	Ensure hitch pins are fully engaged. Tighten all assembly bolts. Redistribute cargo evenly. Consider purchasing a hitch stabilizer. Inspect for worn parts and replace if necessary.
Difficulty folding/unfolding.	Rust or debris in pivot points; bent components.	Clean and lubricate pivot points. Check for any obstructions or bent parts preventing smooth movement. Do not force the mechanism.
Cargo not secure.	Insufficient tie-downs; improper tie-down technique.	Use appropriate straps or netting. Ensure cargo is tightly secured to multiple tie-down points. Verify straps are not loose after initial movement.
Reflectors are loose or missing.	Loose screws; impact damage.	Tighten screws. Replace damaged or missing reflectors immediately for safety.

## 8. SPECIFICATIONS

- **Model:** MaxxHaul 50149
- **Material:** Extruded Aluminum (basket), Powder-Coated Steel (frame/hitch shaft)
- **Outer Basket Dimensions (L x W x H):** 50 inches x 22 inches x 5 inches
- **Load Capacity:** 500 pounds (distributed weight)
- **Mounting Type:** Receiver Mount
- **Hitch Receiver Compatibility:** Standard Class III and IV (2-inch x 2-inch)
- **Foldable:** Yes
- **Item Weight:** Approximately 32.7 pounds
- **Color:** Silver (aluminum), Black (steel frame)

# PRODUCT SIZE

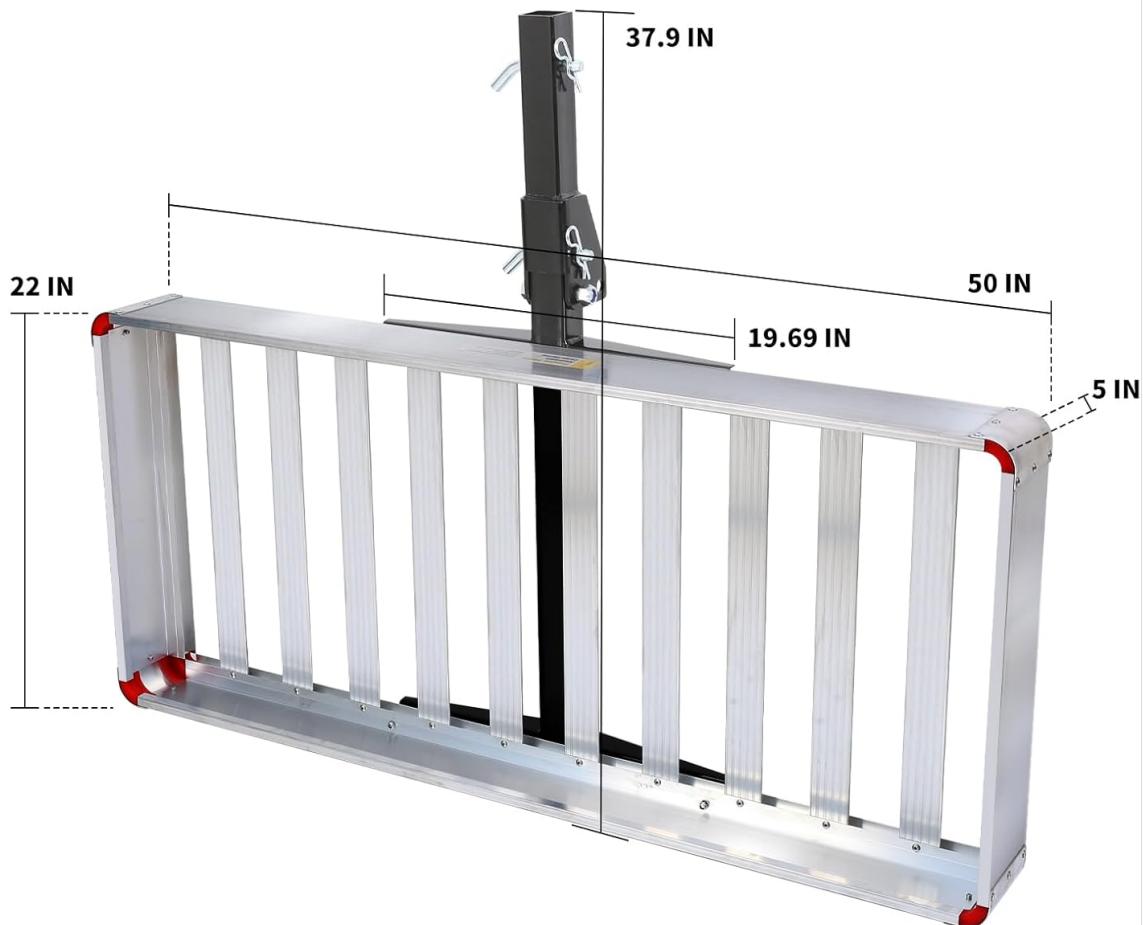
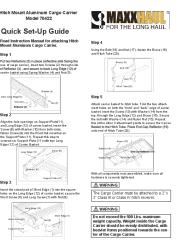


Figure 8.1: Product Dimensions. This diagram illustrates the key measurements of the cargo carrier.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your MaxxHaul 50149 Folding Aluminum Cargo Carrier, please contact MaxxHaul customer service directly. Refer to the product packaging or the official MaxxHaul website for the most current contact details.

Keep your purchase receipt as proof of purchase for any warranty claims.

<p>User Manual of Product 1: MaxxHaul 6075 60" x 30" Hitch-Mount Aluminum Cargo Carrier With High Side Rails. Win 4" Ramp for RVs, Trucks, SUVs, Vans, Cars - 500 lb Capacity</p>	<p><a href="#">MaxxHaul 70275 Aluminum Cargo Carrier with 60" Ramp - User Manual and Parts Catalog</a> Comprehensive user manual and parts catalog for the MaxxHaul 70275 Aluminum Cargo Carrier. Includes safety information, assembly instructions, usage guidelines, maintenance tips, specifications, and limited warranty details for this 500 lb capacity hitch-mounted carrier.</p>
	<p><a href="#">MAXXHAUL 70422 Hitch Mount Aluminum Cargo Carrier Quick Set-Up Guide</a> Concise guide for assembling the MAXXHAUL 70422 Hitch Mount Aluminum Cargo Carrier. Includes step-by-step instructions and important safety warnings for proper installation and usage.</p>
	<p><a href="#">MAXXHAUL Hydraulic Hitch Mounted Pickup Truck Crane Model 70238 Instruction Manual &amp; Parts Catalog</a> Comprehensive instruction manual and parts catalog for the MAXXHAUL Model 70238 Hydraulic Hitch Mounted Pickup Truck Crane. Includes safety information, assembly instructions, operating procedures, maintenance guidelines, specifications, and warranty details.</p>
	<p><a href="#">MaxxHaul 50027 2-Bike Rack Quick Set-Up Guide</a> A quick set-up guide for the MaxxHaul 50027 Platform Hitch Mount 2-Bike Rack, detailing how to load and secure one or two bikes.</p>
	<p><a href="#">MAXXHAUL Aluminum Height Adjustable Pick-up Truck Rack Instruction Manual and Parts List</a> Instruction manual and parts list for the MAXXHAUL Aluminum Height Adjustable Pick-up Truck Rack (Models 50613 and 50620). Includes safety information, assembly instructions, installation guide, operation, maintenance, and specifications.</p>
	<p><a href="#">MAXXHAUL 64" Steel Roof Rack Instruction Manual and Parts List</a> This document provides instructions for assembling, installing, and using the MAXXHAUL 64" x 39" x 6" Universal Steel Roof Rack. It includes safety information, a parts list, and assembly diagrams.</p>