

MAXXHAUL 80779

MaxxHaul 80779 Aluminum Hitch Mount Wheelchair/Mobility Carrier Instruction Manual

Model: 80779

1. INTRODUCTION

This manual provides detailed instructions for the assembly, installation, operation, and maintenance of your MaxxHaul 80779 Aluminum Hitch Mount Wheelchair/Mobility Carrier. Please read all instructions carefully before use to ensure safe and proper operation. This carrier is designed for transporting wheelchairs, mobility scooters, lawn and garden equipment, and other small wheeled devices.



Figure 1.1: MaxxHaul 80779 Aluminum Hitch Mount Carrier with Ramp and Anti-Wobble Bracket.

2. SAFETY INFORMATION

Adherence to these safety guidelines is crucial for preventing injury and damage to property. Failure to follow these instructions may result in serious injury or death.

- **Weight Capacity:** Do not exceed the maximum distributed weight capacity of 500 lbs (226.8 kg). Overloading can lead to structural failure and loss of control of the vehicle.
- **Hitch Compatibility:** This carrier is designed for 2" x 2" Class III and IV hitch receivers only. Ensure your vehicle's hitch receiver is compatible and rated for the combined weight of the carrier and its cargo.
- **Secure Installation:** Always ensure the carrier is securely installed in the hitch receiver using the hitch pin and clip, and the anti-wobble bracket is properly tightened to minimize movement.
- **Cargo Securement:** All cargo must be securely fastened to the carrier using appropriate tie-downs and the provided anchor points. Loose cargo can shift during transit, causing instability or falling off.
- **Visibility:** Ensure the carrier and its cargo do not obstruct your vehicle's taillights, brake lights, or license plate. The carrier is equipped with reflectors to enhance visibility. Consider additional lighting if necessary.

- **Driving Adjustments:** Drive cautiously, especially when turning, braking, or driving over uneven terrain. The added weight and length may affect vehicle handling.
- **Ramp Position:** Always ensure the ramp is securely in its upright, stowed position before driving. The ramp does not fold down for storage under the carrier.
- **Regular Inspection:** Before each use, inspect the carrier for any signs of damage, loose fasteners, or wear. Do not use if damaged.



Figure 2.1: Integrated reflector for enhanced road safety.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before beginning assembly.

- Aluminum Cargo Basket (unassembled)
- 47" Long Aluminum Ramp
- Steel Hitch Shaft
- Anti-Wobble Bracket
- Hardware Kit (bolts, nuts, washers, hitch pin, clip, anchor tie-down rings)
- Instruction Manual

4. SETUP AND ASSEMBLY

Assembly requires basic hand tools (wrenches, sockets). It is recommended to have assistance for easier assembly due to the size of the components.

1. **Assemble the Cargo Basket:** Connect the aluminum side rails and floor sections using the provided bolts, nuts, and washers. Ensure all connections are tight and secure. The under-support frame, made of heavy-duty powder-coated steel, should be integrated during this step.
2. **Attach the Hitch Shaft:** Secure the steel hitch shaft to the underside of the assembled cargo basket using the designated hardware. Ensure it is centered and firmly attached.
3. **Install Anchor Tie-Down Rings:** Thread the anchor tie-down rings into the designated locations on the cargo

basket. These provide secure points for cargo straps.

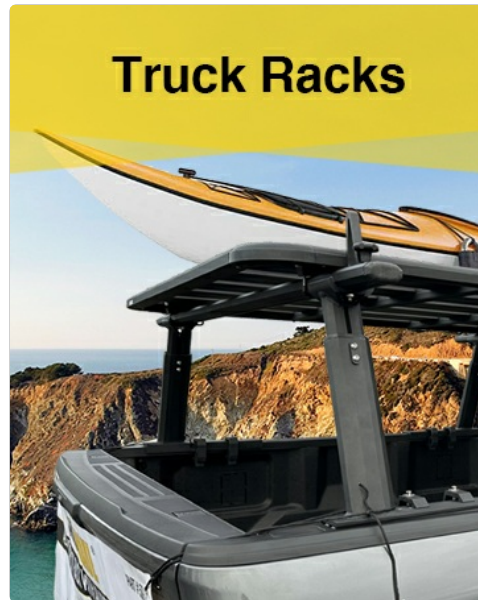


Figure 4.1: Anchor tie-down ring for securing cargo.

4. **Attach the Ramp:** Position the 47" long aluminum ramp to the desired side of the cargo basket. Secure it using the provided pins or bolts, ensuring it can pivot smoothly for loading and unloading, and lock securely in the upright position for transport.
5. **Install Anti-Wobble Bracket:** Once the carrier is inserted into your vehicle's hitch receiver, install the anti-wobble bracket around the hitch shaft and receiver. Tighten the bolts evenly to eliminate play and reduce carrier movement during travel.



Figure 4.2: Anti-wobble bracket installed to reduce carrier movement.

5. OPERATING INSTRUCTIONS

5.1 Attaching to Vehicle

1. Slide the carrier's hitch shaft into your vehicle's 2" x 2" hitch receiver.
2. Align the hitch pin holes and insert the hitch pin, securing it with the clip.
3. Install and tighten the anti-wobble bracket as described in Section 4.

5.2 Loading and Unloading Cargo

The carrier features 1-3/4" spacing between rungs, ideal for small-wheeled devices.

1. Ensure the vehicle is parked on a level surface with the parking brake engaged.
2. Release the ramp from its upright position and lower it to the ground.

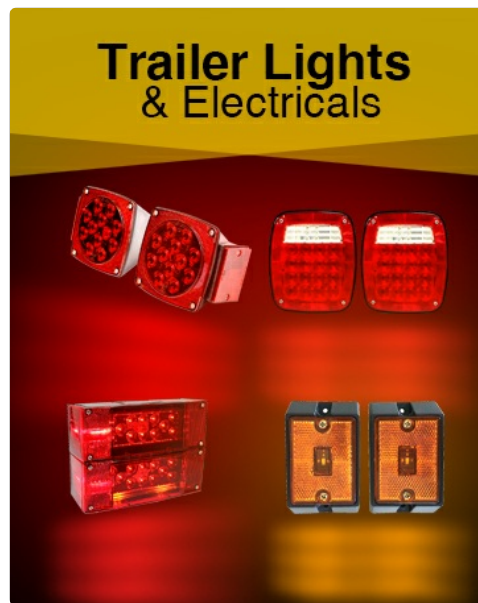


Figure 5.1: Carrier with ramp lowered for easy loading.

3. Carefully roll or push your wheeled item up the ramp onto the carrier platform. Distribute the weight as evenly as possible.
4. Once the item is on the carrier, raise the ramp to its upright position and secure it.

5.3 Securing Cargo

Always secure cargo to prevent movement during transit.

- Use heavy-duty tie-down straps (not included) and the integrated anchor points to firmly secure your cargo to the carrier.
- Ensure straps are tight and checked periodically during long trips.



Figure 5.2: Example of cargo securely fastened to the carrier.

Note: The ramp of this cargo carrier does not fold down flat under the carrier. It remains in an upright position when not in use for loading/unloading.

6. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your carrier.

- **Cleaning:** Clean the aluminum and steel components with mild soap and water. Rinse thoroughly and dry to prevent water spots or corrosion.

- **Fastener Check:** Periodically inspect all bolts, nuts, and pins for tightness. Re-tighten as necessary.
- **Corrosion Inspection:** Although constructed with rust-resistant aluminum and powder-coated steel, inspect for any signs of corrosion, especially on steel components. Address any rust promptly.
- **Damage Assessment:** Inspect the carrier for any bends, cracks, or structural damage before each use. Do not use a damaged carrier.

7. TROUBLESHOOTING

- **Excessive Wobble:** Ensure the anti-wobble bracket is correctly installed and fully tightened. Verify the hitch pin is securely in place.
- **Difficulty Loading:** Ensure the ramp is fully lowered and resting securely on the ground. Check that the path to the ramp is clear and level.
- **Cargo Shifting:** Re-evaluate your tie-down strategy. Use more straps or adjust their placement to create a more secure hold. Ensure anchor points are utilized effectively.

8. SPECIFICATIONS

Feature	Specification
Model Number	80779
Brand	MAXXHAUL
Material	Aluminum (basket), Steel (hitch shaft, under-support frame)
Load Capacity	500 Pounds (distributed)
Product Dimensions (L x W x H)	50 x 29.5 x 8.75 inches
Ramp Length	47 inches
Hitch Compatibility	2" x 2" Class III and IV Receivers
Item Weight	53 pounds
Color	Grey

9. WARRANTY AND SUPPORT

For specific warranty information and customer support, please refer to the documentation included with your purchase or contact MAXXHAUL customer service directly. Keep your purchase receipt for warranty claims.