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› [HECASA](#) /

› [HECASA CB-1757 550 LB Capacity Motorcycle Hitch Carrier Instruction Manual](#)

HECASA CB-1757

HECASA CB-1757 550 LB Capacity Motorcycle Hitch Carrier Instruction Manual

Model: CB-1757 | Brand: HECASA

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective assembly, operation, and maintenance of your HECASA CB-1757 Motorcycle Hitch Carrier. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: HECASA CB-1757 Motorcycle Hitch Carrier in use.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always adhere to the following safety guidelines:

- **Weight Capacity:** Do not exceed the maximum load capacity of 550 pounds (249 kg). Ensure your vehicle's hitch receiver is rated for the combined weight of the carrier and your motorcycle.
- **Hitch Compatibility:** This carrier is designed for 2-inch Class II or Class III receiver hitches only. Verify your vehicle's hitch type before installation.
- **Secure Fastening:** Always use appropriate tie-down straps to firmly secure the motorcycle to the carrier. Check straps periodically during transit for tightness.
- **Proper Installation:** Ensure all bolts, nuts, and pins are correctly installed and tightened according to the assembly instructions. Regularly inspect all connections for wear or looseness.
- **Clearance:** Be aware of the increased length and width of your vehicle when the carrier is installed. Exercise caution when turning, backing up, and parking.
- **Loading/Unloading:** Use caution when loading and unloading the motorcycle. Ensure the vehicle is on a level surface and the carrier is stable. Consider using a second person for assistance.
- **Reflective Markings:** The carrier includes reflective tape for enhanced visibility. Ensure these are clean

and unobstructed.

3. PARTS LIST

Before assembly, verify that all components are present and undamaged. Refer to the diagram below:



Figure 2: Exploded view of carrier components.

- Main Carrier Rail (1)
- Hitch Receiver Bar (1)
- Wheel Chock Cradle (1)
- Tie-Down Bar (1)
- Support Brackets (2)
- Mounting Hardware (Bolts, Washers, Nuts, Pins)

4. SETUP AND ASSEMBLY

Follow these steps to assemble your HECASA Motorcycle Hitch Carrier:

1. **Attach Hitch Receiver Bar:** Slide the square end of the hitch receiver bar into your vehicle's 2-inch receiver. Secure it with the provided hitch pin.
2. **Mount Main Carrier Rail:** Connect the main carrier rail to the hitch receiver bar using the large bolts, washers, and nuts. Ensure a snug fit.
3. **Install Support Brackets:** Attach the two support brackets to the main carrier rail and the vertical support of the hitch receiver bar using the smaller bolts and nuts. These provide additional stability.
4. **Assemble Wheel Chock Cradle:** Secure the wheel chock cradle to the front end of the main carrier rail using the designated bolts and nuts. This cradle helps hold the front wheel in place.
5. **Attach Tie-Down Bar:** Install the tie-down bar to the vertical support of the carrier. This bar provides additional points for securing your motorcycle.
6. **Tighten All Connections:** Double-check all bolts and nuts to ensure they are securely tightened. Loose connections can lead to instability and damage.



Figure 3: Side view of the carrier during assembly.



Figure 4: Detail of secure bolt connections.

Assembly Video

Video 1: Step-by-step guide on how to install a motorcycle hitch carrier.

Video 2: Overview of motorcycle trailer hitch assembly and features.

5. OPERATING INSTRUCTIONS

Loading Your Motorcycle

1. **Prepare the Carrier:** Ensure the carrier is securely attached to your vehicle and all connections are tight. Place the loading ramp (not included, but can be attached to the carrier for stability) in position.
2. **Position Motorcycle:** Carefully roll your motorcycle onto the carrier, guiding the front wheel into the wheel chock cradle.
3. **Secure with Straps:** Use heavy-duty tie-down straps (not included) to secure the motorcycle. Attach straps to the handlebars and frame, pulling down and outward to compress the suspension slightly. Secure the rear wheel to the carrier as well.

4. **Verify Stability:** Gently shake the motorcycle to ensure it is firmly secured and does not wobble. Adjust straps as necessary.

Unloading Your Motorcycle

1. **Prepare for Unloading:** Ensure the vehicle is on a level surface.
2. **Remove Straps:** Carefully release all tie-down straps.
3. **Position Ramp:** Place the loading ramp securely.
4. **Roll Off:** Slowly and carefully roll the motorcycle backward off the carrier and down the ramp.

Operation Videos

Video 3: Demonstration of the ECOTRIC Motorcycle Carrier's general use and capacity.

Video 4: Detailed look at the 600LB Motorcycle Carrier in action.

Video 5: Preview of the Mockins Tilting Dirtbike Carrier, showing loading and unloading.

6. MAINTENANCE

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

- **Inspect Before Each Use:** Check all bolts, nuts, and pins for tightness. Ensure there are no cracks, bends, or damage to the steel frame.
- **Clean Regularly:** Clean the carrier with mild soap and water to remove dirt, road grime, and salt, which can cause corrosion. Dry thoroughly.
- **Lubrication:** Periodically apply a light lubricant to moving parts, such as the wheel chock mechanism, to ensure smooth operation.
- **Storage:** When not in use, store the carrier in a dry, protected area to prevent rust and prolong its lifespan.

7. TROUBLESHOOTING

If you encounter any issues with your carrier, refer to the following common problems and solutions:

- **Carrier Wobbles in Hitch:** This is often due to play in the hitch receiver. Consider purchasing an anti-wobble hitch device or a locking hitch pin designed to eliminate movement. Ensure the hitch pin is fully inserted and secured.
- **Motorcycle Feels Unstable:** Re-check all tie-down straps for proper tension and placement. Ensure the front wheel is fully seated in the wheel chock. Verify that the carrier is correctly assembled and all bolts are tight.
- **Difficulty Loading Motorcycle:** Ensure the vehicle is on a level surface. If the carrier height is too high for comfortable loading, consider using a longer ramp or adjusting vehicle suspension if possible.
- **Rust Appears:** Clean the affected area thoroughly, remove any loose rust, and apply a rust-inhibiting primer followed by a suitable paint. Regular cleaning and storage in a dry environment can prevent this.

8. SPECIFICATIONS

Feature	Specification
Brand	HECASA
Model	CB-1757
Maximum Towing Capacity	550 Pounds (249 kg)
Hauler Dimensions (L x W x H)	30" x 2" x 20" (76.2 cm x 5.08 cm x 50.8 cm)
Tie-Down Bar Dimensions (L x W x H)	36" x 2" x 1" (91.44 cm x 5.08 cm x 2.54 cm)
Accommodates Tire Sizes	All Sizes
Material	Powder-Coated Steel
Item Weight	21 Pounds (9.5 kg)
Vehicle Service Type	Scooter, Trailer
Automotive Fit Type	Universal Fit (for 2" Class II/III receivers)



Figure 5: Key dimensions of the carrier.

9. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the product's packaging or contact HECASA customer service directly. Keep your purchase receipt for any warranty claims.