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› Ultra-Tow XTP Stainless Steel Ball Mount (Class III, 2in. Drop, 5000-Lb. Tow Weight, 12in.L) Instruction Manual

Ultra-Tow Ultra-Tow XTP III

Ultra-Tow XTP Stainless Steel Ball Mount Instruction Manual

Model: Ultra-Tow XTP III

1. PRODUCT OVERVIEW

The Ultra-Tow XTP Stainless Steel Ball Mount is designed for reliable and rust-resistant towing. This Class III ball mount features a 2-inch insert, offering a 3-1/4 inch drop or a 2-inch rise, and is suitable for towing up to 5,000 lbs. Gross Trailer Weight (GTW) with a 500-lb. tongue weight. Its stainless steel construction ensures durability and excellent resistance to corrosion.

Key Features:

- **12in. Length:** Provides adequate clearance for various towing setups.
- **Rust-Resistant Stainless Steel:** Offers superior protection against corrosion and extends product lifespan.
- **Class III Rating:** Capable of handling up to 5,000 lbs. GTW and 500 lbs. tongue weight.
- **2in. Insert:** Designed to fit standard 2-inch square receiver hitches.
- **3 1/4in. Drop / 2in. Rise:** Versatile design to achieve proper trailer leveling.



Figure 1: Front view of the Ultra-Tow XTP Stainless Steel Ball Mount, showcasing its robust construction.

2. SPECIFICATIONS

Specification	Value
Brand	Ultra-Tow
Model Number	Ultra-Tow XTP III
Material	Stainless Steel
Item Weight	5.5 pounds
Package Dimensions	13 x 4.5 x 3 inches
Receiver Size	2 inches
Drop	3 1/4 inches
Rise	2 inches
Length	12 inches
Gross Trailer Weight (GTW)	5,000 lbs.
Tongue Weight	500 lbs.
Hitch Class	Class III

3. SETUP AND INSTALLATION

Proper installation and setup are crucial for safe towing. Always ensure your vehicle's receiver hitch is compatible with a 2-inch insert ball mount and that its towing capacity meets or exceeds your trailer's requirements.

3.1 Selecting the Correct Ball Mount and Ball

The correct ball mount and hitch ball size are essential for maintaining a level trailer and safe towing. The trailer tongue should be level or slightly nose down when coupled to the tow vehicle. Measure the height from the ground to the top of your vehicle's receiver tube and the height from the ground to the bottom of your trailer's coupler when the trailer is level. The difference between these measurements will determine the required drop or rise for your ball mount.

Your browser does not support the video tag.

Video 1: This video provides a general guide on how to properly select a ball mount based on your vehicle and trailer's height requirements. It illustrates the importance of a level trailer for safe towing.

3.2 Installing the Ball Mount

1. **Insert Ball Mount:** Slide the shank of the Ultra-Tow XTP ball mount into your vehicle's 2-inch receiver hitch. Ensure the ball mount is oriented correctly to achieve the desired drop or rise.
2. **Align Pin Holes:** Align the pin hole on the ball mount with the pin hole on the receiver hitch.
3. **Secure with Hitch Pin:** Insert a compatible hitch pin (5/8-inch diameter for Class III hitches) through the aligned holes. Secure the hitch pin with a cotter pin or clip.
4. **Install Hitch Ball (if separate):** If your hitch ball is not pre-installed, ensure it is securely fastened to the ball mount platform with the appropriate washer and nut, torqued to the manufacturer's specifications. The hitch ball diameter must match your trailer's coupler size.



Figure 2: The Ultra-Tow XTP ball mount correctly inserted into a vehicle's receiver hitch, ready for the hitch pin.

3.3 Securing the Ball Mount

To prevent theft and ensure the ball mount remains securely attached, a hitch pin and clip or a receiver lock should always be used.

Your browser does not support the video tag.

Video 2: This video explains the function and proper use of hitch pins and receiver locks to secure your ball mount and prevent theft.

4. OPERATING INSTRUCTIONS

Once the ball mount is securely installed, follow these steps to connect and tow your trailer safely:

1. **Position Trailer:** Back your tow vehicle towards the trailer, aligning the hitch ball with the trailer coupler.
2. **Lower Coupler:** Use the trailer jack to lower the trailer coupler onto the hitch ball. Ensure the coupler fully engages the ball.
3. **Secure Coupler:** Latch the trailer coupler mechanism according to the trailer manufacturer's instructions. Insert the safety pin or lock to prevent accidental disengagement.
4. **Connect Safety Chains:** Cross the safety chains under the trailer tongue and attach them to the designated points on your vehicle's hitch receiver. This prevents the trailer from separating completely if the coupler fails.
5. **Connect Wiring:** Plug in the trailer's electrical wiring harness to your vehicle's connector. Test all trailer lights (running lights, brake lights, turn signals) before driving.
6. **Raise Trailer Jack:** Fully retract the trailer jack and secure it in its stowed position.
7. **Final Check:** Before driving, perform a final visual inspection of all connections, ensuring they are secure and free from obstruction.



Figure 3: The Ultra-Tow XTP ball mount with a hitch ball, ready for trailer connection.

5. MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your Ultra-Tow XTP Stainless Steel Ball Mount:

- **Cleaning:** Clean the ball mount regularly with mild soap and water to remove dirt, road grime, and salt. Rinse thoroughly and dry completely.
- **Inspection:** Before each use, inspect the ball mount for any signs of wear, damage, cracks, or corrosion. Pay close attention to the shank, ball platform, and pin holes.
- **Lubrication:** Apply a thin layer of grease to the hitch ball to reduce friction and wear on the trailer coupler.
- **Storage:** When not in use, store the ball mount in a dry place to protect it from elements, although its stainless steel construction offers excellent rust resistance.

6. TROUBLESHOOTING

Below are common issues and their potential solutions:

Problem	Possible Cause	Solution
Trailer is not level	Incorrect ball mount drop/rise or hitch ball height.	Re-measure receiver and coupler heights. Adjust ball mount or replace with one offering appropriate drop/rise.
Excessive sway during towing	Improper weight distribution, incorrect ball mount height, or overloaded trailer.	Ensure proper tongue weight (10-15% of GTW). Verify ball mount height. Redistribute trailer load. Consider a weight distribution hitch if necessary.
Difficulty inserting hitch pin	Misalignment of holes or debris in receiver/ball mount.	Ensure ball mount is fully inserted and aligned. Clear any debris from holes.
Rust or corrosion on ball mount	Exposure to harsh elements, lack of cleaning.	Clean regularly. While stainless steel is rust-resistant, prolonged exposure to salt or chemicals can cause surface discoloration.

7. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Ultra-Tow website or contact their customer service directly. Keep your purchase receipt for any warranty claims.

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Example: How do I reset this device or fix this error?

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Model number, symptoms, what you tried, or the section of the manual you are using.

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