

# STBM

## Anti-rattle Adjustable Aluminum Ball Mount Use and Care Instructions

### For Ball Mount Models

2 Inch Receiver: DT-STBM6400, DT-STBM6600, DT-STBM6800, DT-STBM7000

2.5 Inch Receiver: DT-STBM6425, DT-STBM6625, DT-STBM6825, DT-STBM7025

Congratulations on your purchase of a new Fastway® Flash™ STBM ball mount. The **anti-rattle** features of the STBM ball mount allow you to enjoy the beauty and convenience of a premium adjustable aluminum ball mount, with the least amount of receiver clunk and rattle noise possible. Read these instructions thoroughly to become familiar with proper set up and maintenance procedures. This will ensure that your Flash ball mount will give you maximum performance, and years of service.

KEEP THESE INSTRUCTIONS in a safe place for future reference.

### IMPORTANT SAFETY INFORMATION

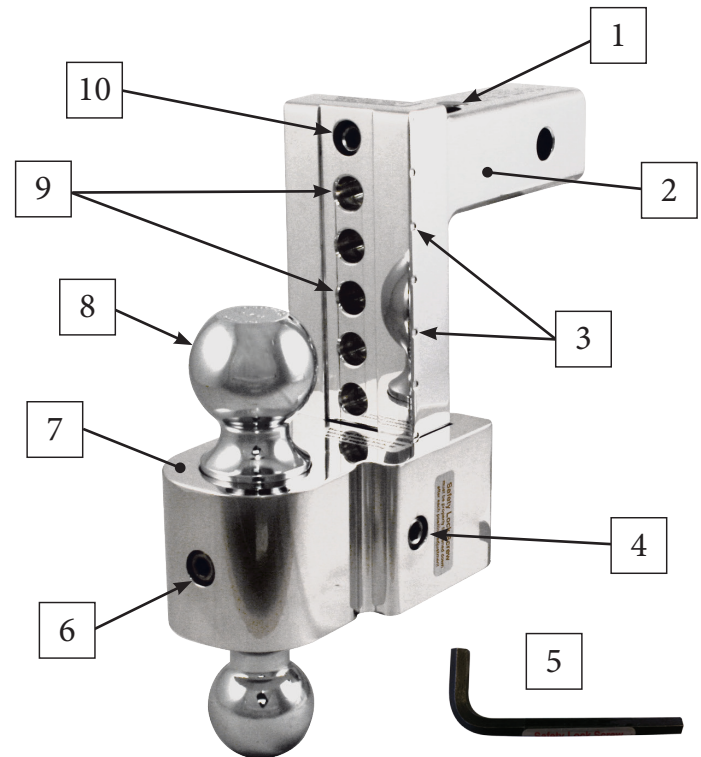
Failure to follow all safety warnings may result in severe injury or death.

### ⚠️ WARNING

- Read, understand, and follow all safety warnings, setup, use, and maintenance instructions of your trailer, tow vehicle, and hitching equipment before installing your Flash ball mount or towing your trailer.
- Never cut, weld, grind, bend, heat, or modify ball mount components in any way.
- It is the driver's responsibility to properly install and adjust the equipment and to adjust driving habits to match towing conditions. The driver is responsible for their own safety and the safety of passengers.
- Never exceed the specified weight ratings for the trailer, tow vehicle, receiver hitch, ball mount, hitch ball, or any other towing equipment.
- Always use a hitch ball size that correctly matches your trailer coupler size and make sure it is coupled securely before towing.
- Do not impact the ball mount on the ground. Do not back into things with your ball mount or an attached trailer (i.e. loading docks, trees, etc.). If your ball mount has been impacted in any way, thoroughly inspect it for damage before towing, and if it is bent or damaged DO NOT tow; replace it.
- Do not loosen ball holder tension bolt while the ball mount is under load from an attached trailer.
- Check all towing hardware before each trip. Do not tow your trailer until all pins and bolts have been checked for wear, visually verifying that the ball holder tension bolt is properly seated into the height adjustment hole, and the safety lock bolt is properly tightened.
- Do not tow with ball mount if height adjustment holes show excessive wear.

Date of Purchase:

BALL SIZE	MAX TRAILER WT. LBS.	MAX TONGUE WT. LBS.
2"	8,000	1,000
2 <sup>5</sup> / <sub>16</sub> "	10,000	



1. Receiver tension pin
2. Drop bar (shown in down or drop position)
3. Positioning indicator notches
4. Safety lock bolt
5. 5/16" security hex tool
6. Ball holder tension bolt
7. Ball holder
8. Dual hitch ball
9. Height adjustment holes
10. Receiver tube tension bolt

Please register your product warranty. See warranty information on back.

Proudly Made in the USA

## ⚠ CAUTION

- Always tow with the hitch ball adjusted to the correct height for the trailer being towed.
- Always load the trailer correctly. Follow the trailer and tow vehicle manufacturers' recommendations for placement and quantity of cargo.
- Do not tow the trailer on excessively rough roads.
- Do not tow the trailer through profound ditches, dips, or swales.
- Replace all worn, faded, or unreadable warning stickers on the ball mount immediately.
- Do not loosen the ball holder tension bolt without first loosening the safety lock bolt.

## Installation and Use Instructions

### Drop Bar Installation

1. Install the drop bar in the receiver tube and secure it with a standard or locking 5/8" hitch pin.
2. If the drop bar is in the **UP** or **RISE** position **DO NOT** engage the receiver tension pin. Instead, back the receiver tube tension bolt out two full turns.
3. If the drop bar is in the **DOWN**, or **DROP** position (*see image on front*), engage the receiver tension pin by **firmly hand tightening** the receiver tube tension bolt with the provided 5/16" security hex tool.

### Ball Holder Adjustment

1. Loosen the safety lock bolt one full turn and then unscrew the ball holder tension bolt to the point that it will allow easy movement of the ball holder to the desired towing height.
2. Using the positioning indicator notches visible on each side of the drop bar face, position the ball holder at the desired height, with the correct hitch ball size for your coupler on the top. When the top of the ball holder is aligned with the indicator notch, the ball holder tension bolt is aligned with the height adjustment hole. Use the hex tool to **firmly hand tighten** the ball holder tension bolt into the adjustment hole.
3. Visually verify the ball holder tension bolt is seated **INTO** the adjustment hole and not between adjustment holes. If the ball holder tension bolt protrudes past the face of the ball holder, it is not seated correctly.



**Make sure the Ball Holder Tension Bolt is completely seated INTO the adjustment hole with the Safety Lock Bolt engaged before towing.**

4. Firmly hand tighten the safety lock bolt with the hex tool.
5. Never tighten the receiver tube tension bolt, ball holder tension bolt or safety lock bolt by using a hammer to pound on the hex key, nor a 'cheater-bar' to give you added leverage on it. Over tightening these bolts can damage the aluminum threads. Remember - clockwise to tighten, counterclockwise to release.
6. Frequently check the bolts of the ball mount and re-tighten as needed.

## Determining Correct Ball Height

The most important consideration when setting up your Flash ball mount is to make sure the trailer is as close to level (parallel to the ground) as possible while being towed. To do this, you must set the ball height to compensate for any drop or sag caused by the tongue weight of the trailer.

1. Level the trailer by parking it on a smooth, flat surface. Measure from the ground to the frame at both the front and rear of the trailer. Use the tongue jack to make adjustments until it is level (both front and rear measurements are the same).
2. Back the tow vehicle up to the trailer, leaving a few feet of working space between them.
3. Slide the drop bar into the tow vehicle's receiver hitch and pin it into place.
4. Measure from the ground to the bottom of the coupler on the trailer, then lock the ball holder into place on the drop bar at that height, with the correctly sized hitch ball for your trailer coupler facing up. **See Figure 2.** You may need to invert the drop bar and use it in the rise position to reach the correct ball height for your particular trailer.
5. Couple the trailer to the tow vehicle, and drop the full tongue weight of the trailer on the ball mount.
6. Re-measure the coupler height, and compare it to the first measurement. The difference between these is the distance the ball mount should be adjusted upward to compensate for the trailer's tongue weight.
7. Uncouple the trailer.
8. Raise the ball holder to the adjusted towing height, and re-pin it into place. It is better to tow with the trailer level, or with the tongue angled slightly downward. If the adjusted towing height falls between two adjustment holes, choose the lower of the two.
9. Repeat this process if the loading of your trailer changes, or to set the ball mount up for a different trailer.

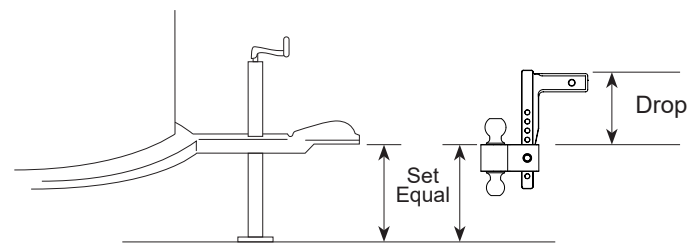


Figure 2

*Figure 2: Top of ball holder height should initially be set equal to the bottom of the coupler socket height with the trailer parallel to ground, then adjusted upward to compensate for the distance it drops when the tongue weight is being carried.*

*Rise or drop is measured from the top of the receiver opening to the top of the ball holder.*

## Care Instructions

1. Storage - Regularly remove your Flash ball mount from the receiver tube and wipe away any moisture from the hitch pin and the inside of the hitch pin bore in the drop bar. Keep a thin film of grease on the hitch pin. Doing so will help prevent galvanic corrosion around the hitch pin, which can cause it to become stuck in the receiver tube.

If you live in an area where salt and sand are used during winter to treat roadways, remove your Flash ball mount and store it inside the tow vehicle instead of in the receiver during winter months. These elements are extremely abrasive and can damage the hand-polished finish of your ball mount.

2. Cleaning - Wipe away dirt and grime with a soft cloth. When cleaning the drop bar and ball holder surfaces, DO NOT use degreasers or harsh cleaners - simple mild soap and water is best for aluminum. Aluminum rim cleaner and automobile wax can help maintain the polished luster of the aluminum.
3. Towing - Always lubricate the hitch ball with heavy multi-purpose grease or wheel bearing grease.
4. Polish - Maintain the shine of the ball mount by using aluminum wheel cleaner and polish.

5. Lubrication - If the bolts of your ball mount become sticky or tight, it can be disassembled (see #6), cleaned, and zinc anti-seize compound may be applied lightly to all of the threaded bolts before reassembly.
6. Do not attempt to remove the ball holder tension bolt by unscrewing it through the front of the ball holder. This bolt can only be removed by threading it completely through the ball holder (in, not out) and only when the ball holder is removed from the drop bar. To replace it, thread it in from the back side of the ball holder hex head first.

Visit our YouTube channel for a detailed video of the Flash STBM.



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### DO NOT RETURN THIS PRODUCT TO THE RETAILER

For Warranty Claims or Customer Support Contact Fastway Trailer Products Directly

8:00 – 5:00 Mon. – Fri. MST at 877.523.9103 or [CustomerService@FastwayTrailer.com](mailto:CustomerService@FastwayTrailer.com)

**Limited 1 Year Warranty:** Fastway Trailer Products warrants the Flash STBM ball mount, excluding chrome and corrosion, against latent defects in materials and workmanship under normal use and service, ordinary wear and tear is excepted, to the original owner for a period of 1 year from the first date of purchase at retail up to the value of its original purchase price. If this product is latently defective it will be replaced or repaired when a proper return authorization is obtained and the product is returned with transportation charges prepaid to Fastway Trailer Products. Fastway Trailer Products shall not be required to replace or repair any products damaged as a result of improper installation, alteration, unreasonable use, or improper maintenance including, without limitation, loading the product beyond the factory rated load capacity. This warranty does not include labor charges nor does it include transportation charges for returning the product to the consumer. To the extent allowed by law, Fastway Trailer Products shall not be liable for any incidental, consequential, or any other damages including, without limitation, breach of any implied warranty, merchantability, or fitness for a particular purpose of any Fastway product. In no event shall Fastway Trailer Products be liable for any damages other than the replacement or repair of the affected part. Authorization and warranty procedure may be obtained by calling **Fastway customer support at 877.523.9103.**

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