

FLASH™

ISBM BALL MOUNT

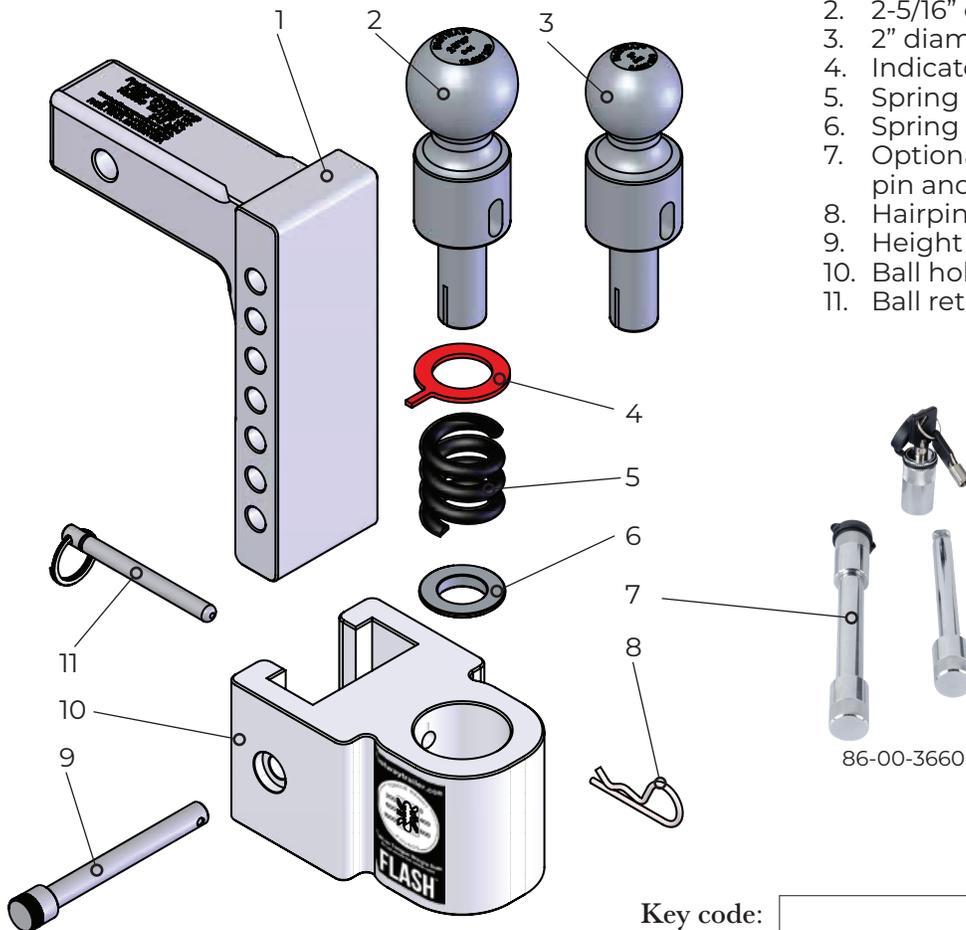
Adjustable aluminum
Integrated Scale ball mount
use and care instructions

MODEL	DROP	RISE	SHANK SIZE
48-00-8400	3½"	5"	2"
48-00-8600	5½"	7"	
48-00-8800	7½"	9"	
48-00-8900	9½"	11"	

BALL SIZE	MAX TRAILER WT. LB	MAX TONGUE WT. LB
2"	8,000	1,000
2-5/16"	10,000	

Congratulations on your purchase of a new Fastway® FLASH™ ISBM ball mount. Read these instructions thoroughly to become familiar with proper set up and maintenance procedures. This will ensure your FLASH ball mount will give you maximum performance.

Keep these instructions as a reference for future information, or access them online at fastwaytrailer.com/manuals.



1. Drop bar
2. 2-5/16" diameter hitch ball
3. 2" diameter hitch ball
4. Indicator ring
5. Spring
6. Spring base
7. Optional locking pin set (keyed alike hitch pin and ball height adjustment pin)
8. Hairpin clip
9. Height adjustment pin
10. Ball holder
11. Ball retaining pin

Key code:

Lost keys cannot be replaced without the key code. Write it down and keep it in a safe place.

Please register your product. See warranty information on back. If you lose your keys, contact us about a replacement at 877-523-9103.

Made in the USA

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 equipment and 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 load the trailer correctly. Follow trailer and tow vehicle manufacturer's recommendations for placement and quantity of cargo. Tongue weight should be between 10% -15% of Gross Trailer Weight.
- 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 attached trailer (i.e. loading docks, curb and gutter, 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 adjust the ball holder height 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 height adjustment holes have been checked for wear, visually verifying that the height adjustment pin is properly inserted through a height adjustment hole, and that the hairpin clip or lock is in place.
- Check your keys before use to make sure they are in good working order and that the safety locator tab at the front of the key barrel is intact.
- Always use an appropriately sized adapter sleeve when using a tow vehicle equipped with a 2½" or 3" receiver hitch.

⚠️ CAUTION

- Always tow with your hitch ball adjusted to the correct height for the trailer being towed.
- Do not tow your trailer on excessively rough roads.
- Do not tow your trailer through profound ditches, dips, or swales where the ball mount could impact the ground.
- Replace all worn, faded, or unreadable warning stickers on the ball mount immediately.

Instructions for use

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.

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).

Back the tow vehicle up to the trailer, leaving a few feet of working space between them.

Slide the drop bar into the tow vehicle's receiver hitch and pin it into place.

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 installed. See Figure 1. 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.



Always secure the height adjustment pin with the hairpin clip before placing a load on the ball mount.

Couple the trailer to the tow vehicle, and drop the full tongue weight of the trailer on the ball mount.

Check the scale indicator to ensure the tongue weight is within the desired range, typically 10% to 15% of the gross trailer weight. Adjust the trailer loading if necessary.

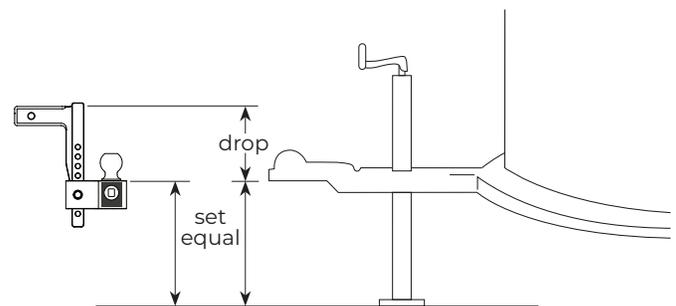


Figure 1 - With the trailer level, set the top of the ball holder at equal height to the bottom of the coupler socket.

With the trailer coupled, measure to the bottom of the coupler again, and compare the second measurement to the first. See Figure 2. The difference between these is the distance the ball mount should be adjusted upward to compensate for the drop caused by the trailer's tongue weight. See Figure 3.

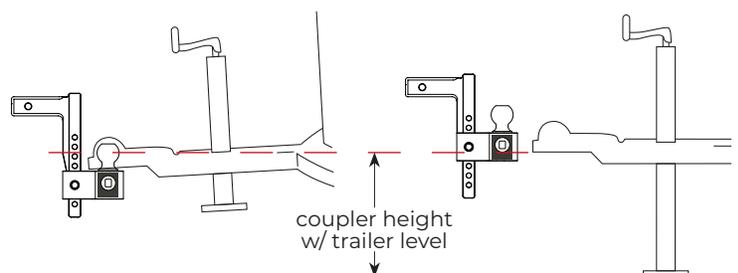


Figure 2 - Ball mount drops with added trailer tongue weight.

Figure 3 - Ball height adjusted up to compensate for drop.

Uncouple the trailer.

Raise the ball holder to the adjusted towing height, and pin it into place. It is best to tow with the trailer as level as possible. If the adjusted towing height falls between two adjustment holes, choose the closest of the two.

Couple the trailer, and check the tongue weight again. Adjust the trailer loading to reach the desired tongue weight.

Repeat this process if the loading of your trailer changes, or to set the ball mount up for a different tow vehicle and/or trailer.

Reading the scale

The scale for the FLASH ISBM measures tongue weights from 0 to 1,000 lb. If the tongue weight indicator is past the 1,000 lb mark, you are exceeding the maximum rating of your ball mount.



Do not exceed the maximum tongue weight rating.

The scale is most accurate in the middle of its range. The scale has a tolerance of +/- 10%, thus it has been designed to be a tool to help you gauge whether your tongue weight is within a safe range, but has not been designed as a precision scale for applications needing extremely accurate measurement results.

The scale has indication marks at 0 (zero), 200, 400, 600, 800 and 1,000 lb. This is the weight measured when the indicator is exactly centered on these marks. See Figure 4.

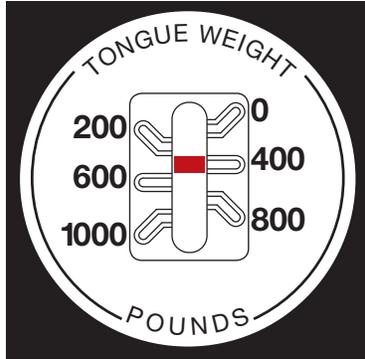


Figure 4 - Scale indicates a tongue weight of 400 lb.

The scale indicates tongue weights of 100, 300, 500, 700, and 900 lb when the indicator is positioned halfway between the marked weights. See Figure 5.

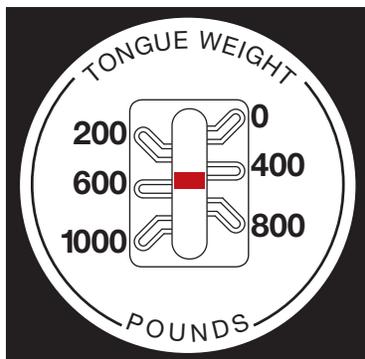


Figure 5 - Scale indicates a tongue weight of 500 lb.

Switch hitch ball sizes

To switch from one size hitch ball to the other, uncouple the trailer, and remove the ball holder from the drop bar. Use the ring to remove the retaining pin. Remove the hitch ball, and replace it with the ball sized to match your trailer's coupler. See Figure 6.

Align the retaining slot in the base of the ball with the holes for the retaining pin. See Figure 7. Replace the pin. The pin must be inserted completely to be able to install the ball holder on the drop bar. Slide the ball holder into the correct position on the drop bar, and pin it into place.

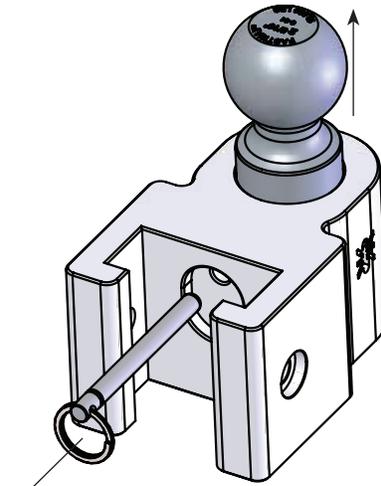


Figure 6 - Use the ring to remove the ball retaining pin.

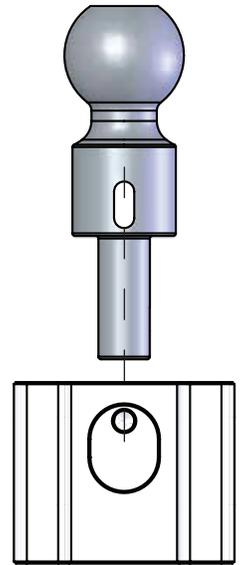


Figure 7 - Align the slot with the pin hole.

Care and maintenance

Cleaning - Regularly (at least monthly) remove your ball mount from the receiver and wipe away any moisture and road grime from the hitch pin and the inside of the hitch pin hole 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.

Wipe away dirt and grime with a soft cloth. When cleaning the drop bar and ball holder surfaces, **DO NOT** use a degreaser or harsh cleaners - mild soap and water is best for aluminum.

Disassemble and wipe the internal parts (ball, indicator ring, spring, spring base) clean with a cloth. Clean any dirt or debris from the inside of the scale housing with mild soap and water. **DO NOT** grease the spring components.

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.

Care and maintenance continued

Towing - Always lubricate the hitch ball with heavy, multi-purpose grease or wheel bearing grease.

Polish - Maintain the shine of the ball mount by using aluminum wheel cleaner and applying an automobile wax to protect the finish.

Visit our YouTube channel for a detailed video of the FLASH ISBM ball mount.

 [youtube.com/fastwaytrailer](https://www.youtube.com/fastwaytrailer)

 [facebook.com/fastwaytrailer](https://www.facebook.com/fastwaytrailer)

 twitter.com/fastwaytrailer

Limited 1 year warranty

Do not return this product to the retailer.

For warranty claims or customer support contact Fastway Trailer Products directly weekdays 8:00 AM - 5:00 PM Mountain Time at 877-523-9103 or by email at support@fastwaytrailer.com

Fastway Trailer Products warrants the FLASH ISBM 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 Trailer Products customer support at 877-523-9103.

Great products make towing faster and easier. Get more info at [fastwaytrailer.com](https://www.fastwaytrailer.com).

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BREAKAWAY
CABLE



Protect your fingers from loose sharp wire, and provide a safer and more effective connection to your trailer.

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AUTOMATIC
JACK FOOT



Save time and effort by extending your trailer jack by six inches, eliminating 48 cranks both up and down.

ONESTEP
STABILIZING WHEEL CHOCK



Virtually eliminates unwanted wheel movement providing the most stability for your trailer.

FASTWAY
TRAILER PRODUCTS



Keep your ISBM ball mount safe and secure with a FLASH dual lock pack.