



For Model Numbers:

1" Hitch Ball Hole	1 1/4" Hitch Ball Hole
DT-LBM8200	DT-LBM9200
DT-LBM8400	DT-LBM9400
DT-LBM8600	DT-LBM9600

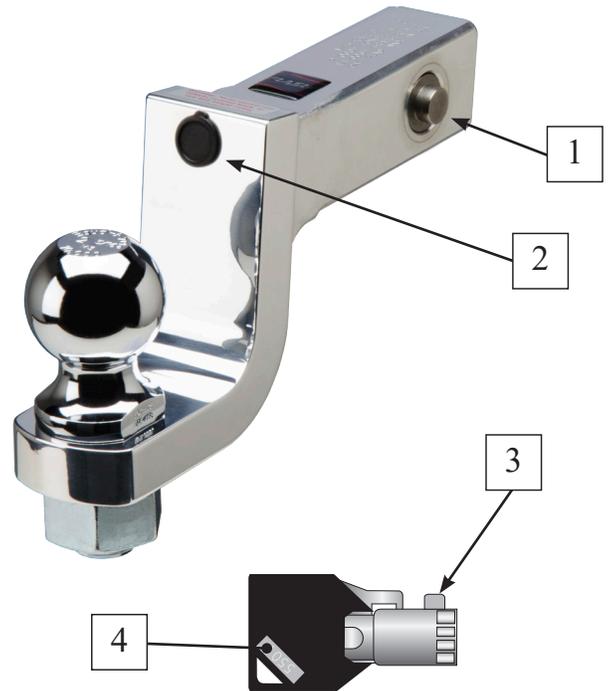
# LBM Use & Care Instructions

Congratulations on your purchase of a new Fastway® Flash™ LBM locking aluminum ball mount. Read this owner's manual thoroughly to become familiar with proper setup and maintenance procedures. This will ensure that your Flash LBM will give you maximum performance, and years of service. **KEEP THIS MANUAL** in a safe place for future reference.

Please register your product warranty. See warranty information inside.

<b>Date of Purchase:</b>	<input type="text"/>
<b>Key Code:</b>	<input type="text"/>
<b>IMPORTANT: Lost keys CANNOT be replaced without key code. Write it down and keep it in a safe place!</b>	

Hitch Ball  
Not Included



1. Lock Pins
2. Drop Bar Lock Cylinder and Cover
3. Key Safety Locator Tab
4. Key Code

**MAX TONGUE WEIGHT: 1,000 LBS.**  
**MAX TRAILER WEIGHT: 10,000 LBS.**

Proudly 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 use a hitch ball with the correct diameter shaft to fit the hole in the ball mount.
- Always use a hitch ball with a rating that equals or exceeds the Gross Trailer Weight (GTW).
- Do not impact the ball mount on the ground in dips or swales while driving. Do not back into things with your ball mount or attached trailer (loading docks, large rocks, etc.). If your ball mount has been impacted in any way thoroughly inspect it for damage before towing. If it is bent or damaged, DO NOT tow. Replace it.
- Do not unlock the ball mount from the receiver while the ball mount is under load from an attached trailer.
- Always use a hitch ball size that correctly matches your trailer coupler size and make sure it is coupled securely before towing.
- Check all towing hardware before each trip. Do not tow your trailer until lock pins and receiving holes have been checked for wear, visually verifying lock pins are securely in place in the tow vehicle receiver holes.
- Check your keys often to make sure they are in good working order and have the safety locator tab at the outside and inside front of the key barrel.

### CAUTION

- Never use the ball mount to tow a vehicle with a chain or tow strap or as a pulling device to unstick vehicles, shrubs, and trees.
- Always load trailer correctly. Follow trailer and tow vehicle manufacturer's recommendations for placement and quantity of cargo.
- Do not tow your trailer through profound ditches, dips, or swales.
- Replace all worn, faded, or unreadable warning stickers on the ball mount immediately.
- Do not transfer the ball mount to a different tow vehicle or trailer without properly preparing the vehicle's receiver and receiver hitch holes.

### **DO NOT RETURN THIS PRODUCT TO THE RETAILER**

**For Warranty Claims or Customer Support Contact Fastway Trailer Products Directly**

8:00 a.m. - 5:00 p.m. Mon. - Fri. MST at 877.523.9103 or via email at [CustomerSupport@FastwayTrailer.com](mailto:CustomerSupport@FastwayTrailer.com)

**Limited 1 Year Warranty:** Fastway Trailer Products warrants the Fastway Flash Locking Ball Mount against latent defects in materials and workmanship under normal use and service, chrome and corrosion and 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.

## GOOD THINGS TO KNOW ABOUT YOUR BALL MOUNT

- A vehicle receiver free of rust, drill burrs, and corrosion is important to the proper function of your Flash ball mount.
- The key cannot be removed with the lock pins in the retracted position – this is a safety feature of the product. It keeps the user from removing the keys before the lock pins are fully extended. Because you can't remove the key (unless you break the key safety tab) we recommend attaching the ball mount key to your vehicle key chain. If the key is on your vehicle key chain you cannot drive the vehicle with a partially locked ball mount in place because the key will still be in the ball mount lock cylinder.
- If the key won't come out of the cylinder don't try to force it. A key not coming free from the lock cylinder is most likely an indication that there is something keeping the lock pin(s) from fully extending or retracting. Forcing

the key out when it is in the wrong position could damage the key by breaking off the safety locator tab, or leave the lock pins not fully engaged into the receiver holes.

- Don't pull outward on the key as you turn it or try to force the key to the 12:00 position. If the key cannot easily be turned to that straight up position figure out what is restricting the lock pins from extending or retracting. Is there a burr or rust in the receiver tube hole? Do you have the right key? Is there debris or mud in the vehicle receiver?
- Don't try to retract the lock pins without the key inserted and being turned clockwise. Lock Pins will not retract unless the key is in place and being turned clockwise past the 2:00 position. This is a safety and security feature of the product.

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## USING YOUR BALL MOUNT

### 1. PRE-PREP THE VEHICLE RECEIVER

Before inserting your Flash Locking Ball Mount into a receiver hitch, check inside and outside of the receiver's hitch pin holes for drill or punch burrs, weld splatter, or corrosion (rust). Where you encounter these things, remove them with sand paper or a file and repaint the exposed metal to avoid further rust or corrosion that could build up or damage the ball mount. (This must be done for every receiver hitch with which you use the Flash locking ball mount.)

### 2. INSTALL THE HITCH BALL

Flash ball mounts come with either a 1" or 1-1/4" hole for the hitch ball. Install a hitch ball that has the correct diameter threaded shank to fit the hole in your ball mount. Make sure to torque the hitch ball nut to the torque specification given by the hitch ball manufacturer. Before you tow, grease the hitch ball. This protects the ball and the inside of your trailer coupler.

### 3. LOCKING THE BALL MOUNT INTO THE RECEIVER

Use the key to retract and extend the lock pins several times to loosen them. Retract the lock pins. Insert the ball mount into the receiver. Make sure the lock pins align with the hitch pin holes in the receiver tube. Turning the key counter clockwise, extend the lock pins into the hitch pin holes.

If the key movement is stiff or restricted make sure the receiver's hitch pin holes are correctly located (centered) and that there is not a burr or other obstruction around the hole that is impeding the lock pins from fully extending or retracting. Each time you install the ball mount, visually make sure the lock pins are fully engaged into the hitch pin holes.

First time installations only – Extend and retract the lock pins into the hitch pin holes several times to make sure the receiver tube does not have an issue or obstruction that may cause a future problem. If the hitch pin holes have rust, corrosion, or an obstruction, like a drill burr, that has gripped the lock pins tight enough that you cannot retract the lock pins by turning the key, refer to the troubleshooting guide before trying to force the key to turn, or attempting to drive the lock pins out of the receiver pin holes.

### 4. CARE AND MAINTENANCE

Your Flash locking ball mount is a precision tool in a harsh environment. Proper attention and care will help it provide years of trouble free service.

- Lubrication - Under normal use internal lubrication is not required. The LBM lock mechanisms are sealed and internally lubricated with marine grease. As your ball mount ages you can refresh the seals and lubricate the lock cylinder by occasionally putting a few drops of air tool oil in the lock cylinder and around the outer edge of the lock

pins. After applying the oil, cycle the lock mechanism a few times to help the air tool oil coat the internal seals. Wipe off any extra oil so that it does not collect dust. Make sure to use the lock cover to keep the lock cylinder clean.

- **Cleaning - DO NOT** use degreasers or harsh cleaners. A solution of mild soap and water is best for aluminum and, if needed, the lock cylinder. Aluminum rim cleaner and auto wax will help maintain the polished luster of the aluminum, but don't get it into the lock cylinder.
- Keep the lock cylinder mechanism clean - Keep the rubber cover over the lock. If your lock cover is missing, replace it. Lock covers can be purchased from Fastway Trailer Products directly by calling 877.523.9103.
- **NEVER** spray penetrating oil like WD-40 into the lock cylinder or around the lock pins. Use **ONLY** a light lubricant like air tool oil to lubricate the lock cylinder, lock cover lanyard, and lock pins. If the lock cylinder is dirty or sticky, wash it with soap and water, dry it by blowing into it with compressed air, and then lightly lubricate it with air tool oil.
- Regularly (monthly) remove your ball mount from the receiver and make sure the receiver is not rusting and corroding around the ball mount or the lock pins. This is especially important in areas where salt and other chemicals are used on roadways to melt snow and ice.

## 5. TROUBLESHOOTING GUIDE

- Can't insert key.
  - Make sure there is not dirt or debris lodged in the lock mechanism or in the key. Pocket lint is the most common obstruction.
  - Make sure one of your keys is not damaged and missing the safety tab at the front of the barrel. If the Safety Locator Tab is missing, the key may have been removed from the lock cylinder with the cylinder turned to an incorrect position. Call Fastway customer support for assistance.
- The Key won't turn.
  - Make sure you are using the correct key.
  - Clean the lock cylinder with soap and water, use a

push pin or paper clip to make sure the area around the tumbler pins is free of dirt and grime. Push each of the 7 tumbler pins down to make sure they are functioning correctly and to free up any road grime or road salt that has affected them. Blow the lock cylinder dry. Use some air tool or other light oil to lubricate the lock cylinder and try again.

- If you are sure you are using the correct key, call Fastway Customer Support for help troubleshooting. Someone may have tried to steal your ball mount and damaged the internal mechanisms.
- Key turns slightly, but the lock pins won't retract: Lock cylinder may be dirty or lock pins may be stuck in the receiver because of receiver corrosion, deformation, or a burr.
  - Clean out the lock cylinder with soap and water, use a push pin or paper clip to make sure the area around the tumbler pins is free of dirt and grime. Push each of the pins down to make sure they are functioning correctly, and to free up any road grime or road salt that has affected them. Blow the lock cylinder dry. Use some air tool or other light oil to lubricate the lock cylinder and try again.
  - If the receiver lock pins are rusted into place (stainless pins don't rust but vehicle receivers do and the rust can shrink the size of the receiver pin hole around the stainless steel lock pins), spray penetrating oil around the pins to loosen the rust.
  - Try putting pressure on both pins at the same time (thumb and index finger), accompanied with clockwise rotational pressure on the key. If this is not enough force to retract the pins, find a helper. One person should maintain constant but not excessive pressure on the key in a clockwise direction. The second person should use a punch and hammer to gently tap the pins, alternating from one side to the other. Start with a light tap and increase as necessary. Never tap only one pin.

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



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