



# SHOCKER IMPACT CUSHION BUMPER HITCH INSUTRUCTIONS

## INSTALLATION

- Install the unit into the receiver tube on tow vehicle, then install 5/8" hitch pin (not included).
- The Impact/Impact Max can be used upright or upside down for more drop or rise depending on needs (see Figures 1 & 2).
- Hook up trailer using properly selected ball mount and height adjustment in order to have a level, safe trailer.
- IMPORTANT:** For 2" hollow shanks on the 12,000 lbs. Impact (red frame), it comes with an anti-rattle system. Slide the hitch to the furthest shank adjustment hole, wrap the U-bolt over the top of the shank, line up the bottom plate, install two nuts and tighten (see Figure 3).

## USAGE / MAINTENANCE

- This unit has 7 height adjustment holes for more rise and more drop, please see the list below for more information\*. Shocker Hitch offers more than 10 mounts to choose from, simply remove the clips and ball mount pins and swap mounts. Visit our site or a local dealer to see more ball mounts.
- If using a ball mount with a coupler ball, it is highly recommended to grease the ball to reduce wear and tear on the trailer coupler and ball mount.
- Regularly grease the Shocker Hitch unit using the built-in grease zerk on the pivot bolt depending on use, you can not over grease this unit.
- IMPORTANT:** DO NOT tighten the top jamnut bolt, it is set to factory specifications out of the box, overtightening can lead to a stiffer towing experience.

## ATTACHMENT BALL MOUNT DROP & RISE / RATING GUIDE

-Please see the Gross Trailer Weight on the Shocker Hitch you had purchased. The tongue weight is 10% of the GTW, therefore, the towing mount is also a factor. The lesser rating of the mount you are using and the Shocker Hitch is the max towing capacity for the hitch. NEVER exceed the towing capacity on your towing vehicle, or Shocker Hitch.

- COMBO BALL:** 4" Rise to 4" Drop | 2-5/16" ball rated at 20,000 lbs & 2" ball rated at 10,000 lbs
- DROP BALL:** 0" Rise to 7-1/2" Drop | 2-5/16" ball rated at 20,000 lbs & 2" ball rated at 10,000 lbs
- RAISED BALL:** 5" Rise to 3" Drop | 2-5/16" ball rated at 20,000 lbs & 2" ball rated at 10,000 lbs
- PINTLE HOOK:** 4" Rise to 6-1/2" | 10-Ton - 20,000 lbs
- PINTLE HOOK / BALL COMBO:** 4" to 6-1/2" | 8-Ton - 16,000 lbs (2" ball rated at 10,000 lbs)
- DRAWBAR / CUSHIONED DRAWBAR:** 3-1/2" Rise to 3-1/2" Drop | 20,000 lbs (Note: 0 lbs TW)
- CLEVIS MOUNT:** 1-1/2" Rise to 5-1/2" Drop | 20,000 lbs
- SWAY BAR MOUNTS:** Same rating as like type mounts listed above.

## SAFETY NOTICE

The Shocker Hitch is a heavy duty unit, however, it is imperative that any weight capacity ratings are not exceeded the receiver of the towing vehicle or the mount on the Shocker hitch unit. Any modifications to the hitch with automatically void the warrant and it is done so at your own risk. Manufactured in the USA, Jamestown, ND.



Warranty



Install Guides



IMPACT  
12,000 GTW - 1,200 TW



IMPACT MAX  
20,000 GTW - 2,000 TW



Figure 1: Drop position - More Drop



Figure 2: Raised position - More Rise



Figure 3: Anti-Rattle Kit - For 2" Impacts (RED FRAME) ONLY

THANK YOU FOR CHOOSING SHOCKER HITCH

Shocker Hitch: Safer Smoother Towing - 2804 3RD AVE SW, JAMESTOWN ND, 58401 - (701)-707-2666

-Email: [service@shockerhitch.com](mailto:service@shockerhitch.com) -Website: [www.shockerhitch.com](http://www.shockerhitch.com) -Installation Videos on [Shocker Hitch YouTube Channel](#)