



## INSTALLATION

-Measure your existing ball height from the ground on your existing weight distribution hitch for future reference, make note of measurement (see Figure 1). Then remove your weight distribution head from the existing shank, then remove shank (see Figure 2)



Figure 1:  
Take measurement on your existing weight distribution hitch



Figure 2:  
Remove weight distribution head from existing shank - set aside for future use

-Slide assembly into the receiver tube on your tow vehicle and slide in receiver pin. Install your existing weight distribution head on the Air Equalizer bar using your original mounting bolts (see Figure 3 & 4).



Figure 3:  
Take measurement on your existing weight distribution hitch



Figure 4:  
Take measurement on your existing weight distribution hitch

-Remeasure the ball height from the ground and select pin location on the channel mount that matches your original ball height from the first measurement. Hook up to your trailer, lock coupler, install trailers safety chains, and insert lock pin (see Figures 5 & 6).



Figure 5:  
Remeasure ball height to confirm original measurement



Figure 6:  
Hook up trailer, lock coupler, install safety chains, and insert lock pin

-Install your weight distribution bars the same as before. NOTE: You may have to remove air from the Air Equalizer by compressing the airbag to hook up weight distribution bars.

**-IMPORTANT:** The channel can be installed in drop or raised position to best fit your towing needs.

## SETTING AIR

-With the bars installed and set, add air in the bag until the gray tabs on the travel limiters of the hitch are centered between the rubber bump stops or until the gray tabs are 1/8" of the bump stops, roughly 40-60 PSI (see Figures 7 & 8).



Figure 7:  
Frame touching bump cushion - add more air



Figure 8:  
Frame off of bump cushion -stop adding air, adjust to liking

**-IMPORTANT:** Heavy trailers that use stiffer bars may be required UP TO 100 PSI. In some cases with highly loaded bars, an air gap between the front bump stops may not form and require higher air pressure, but will still operate the same. DO NOT exceed 100 PSI.

## USAGE/MAINTENANCE

-The Shocker Hitch should be greased regularly at the zerk located on the main pivot bolt.

-It is highly recommended that the hitch ball be greased to reduce wear.

**-IMPORTANT:** DO NOT tighten the travel limiter bolts, it is set to factory specifications out of the box. Overtightening can lead to premature and excessive wear.

## SAFETY NOTICE

The Shocker Hitch is a heavy duty unit, however it is imperative that any weight capacity ratings are not exceeded on the ball that is mounted on your tow vehicle, or the Shocker Hitch. Any modification to the hitch voids warranty and is done so at your own risk. Manufactured by Shocker Hitch® USA in Jamestown, ND

## QR CODES



HOW TO SET AIR PRESSURE



WARRANTY REGISTRATION



INSTALLATION GUIDES

THANK YOU FOR CHOOSING SHOCKER HITCH

Shocker Hitch: Safer Smoother Towing - 2801 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