

INSTALLATION ONTO TRAILER

- Remove your existing ball coupler/pintle ring from the tongue of your towing trailer.
- Install the Shocker Hitch onto the tongue of your towing trailer using existing hardware from the original coupler/pintle ring.
- NOTE: Vertical channel mount fits 3-1/2" OD x 3" ID wide vertical channel with 2" center on center bolt pattern and secures with 5/8 pins.
- NOTE: Square plate mounts with 4 bolts (4-1/2" square bolt pattern).
- Hook up trailer using properly selected ball receiver shank in order to have a level trailer when loaded.
- Verify or lengthen safety chains and wiring connections to ensure proper clearance when turning corners.

COUPLER INSTALLATION

- If you purchased the Demco coupler from Shocker Hitch it will come with the coupler, four 5/8"x1.5" (grade 5) bolts, and four locking nuts. If you have your own coupler or purchase it elsewhere, please refer to the manufacturer's bolt recommendations.
- Take the Demco coupler and line it up with the mounting holes of the Shocker Hitch tongue Mount Air Hitch (see Figure 1).
- Insert four bolts through the Shocker Hitch and Demco coupler and hand thread the locking nuts onto the bolts (see Figure 2 & Figure 3).
- Tighten nuts using wrench and/or impact and torque each bolt to 100 ft. lbs.



Figure 1

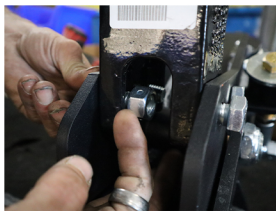


Figure 2

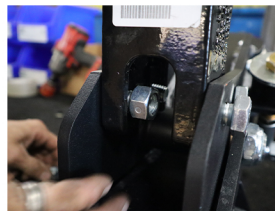


Figure 3



CAST 2-5/16" HD DEMCO COUPLER

PINTLE RING INSTALLATION

- If you purchased the pintle ring from Shocker Hitch it will come with the pintle ring, two 5/8"x4-1/2" (grade 8) bolts, and two locking nuts. If you have your own pintle ring or purchase it elsewhere, please refer to the manufacturer's bolt recommendations.
- Take the pintle ring and line it up with the mounting holes of the Shocker Hitch Tongue Mount Air Hitch (see Figure 4).
- Insert four bolts through the Shocker Hitch and pintle ring and hand thread the locking nuts onto the bolts (see Figure 5 & Figure 6).
- Tighten nuts using wrench and/or impact and torque each bolt to 100 ft. lbs.



Figure 4



Figure 5



Figure 6



PINTLE RING SIZE - 6" OD x 3" ID

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 travel limiter bolt, it is set to factory specifications out of the box. Overtightening can lead to a stiffer towing experience.

SETTING AIR

- Load your towing trailer the way it will be towed.
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- Air pressure can be adjusted in 5 PSI increments to achieve optimum results. When towing with high winds, it may be necessary to increase air pressure.
- IMPORTANT:** Never exceed 100 PSI in the airbag, this may lead to damage to the airbag.

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.

- IMPORTANT:** If you chose the 20,000 lbs GTW tongue mount, the coupler you use should be rated at 20,000 lbs GTW.
- IMPORTANT:** If you chose the 12,000 lbs GTW tongue mount, the coupler you use should be rated at 12,000 lbs GTW.
- IMPORTANT:** Not all couplers are the same, we recommend using DEMCO couplers with the Shocker Hitch tongue mount.

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 -Website: www.shockerhitch.com -Installation Videos on [Shocker Hitch](#) YouTube Channel