



20K MAX BLACK HD AIRBAG HITCH
20,000 LBS GTW - 2,000 LBS TW



12K AIRBAG HITCH
12,000 LBS GTW - 1,200 LBS TW



20K HD AIRBAG HITCH
20,000 LBS GTW - 2,000 LBS TW

INSTALLATION

- Compress the airbag by depressing the air valve and pushing down on the airbag.
- Install the unit into the receiver tube on tow vehicle, then install 5/8" hitch pin.
- Check the airbag for clearance from any frame members, spare tires, and safety chain contact.

SETTING AIR

- Hook up trailer using properly selected ball adapter and height adjustment in order to have a level trailer.
- Inflate the airbag, as the air pressure increases, the unit will rotate lifting the hitch pitch. Inflate until the main frame starts to lightly compress the top bump cushion approximately 1/8" (see Figures 1 & 2).



Figure 1: Not enough air - add more air



Figure 2: Bump cushions touching - stop adding air

- IMPORTANT:** Never exceed 100 PSI in the airbag, this may lead to damage to the airbag.
- IMPORTANT:** Keep body and clothes away from any moving parts while inflating. Injury may occur if not done so.

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

SPACER BLOCK INSTALLATION (2" SHANK ONLY)

The spacer block is designed for 2" receivers that have a "deep frame", the primary function is to level the upper airbag mounting plate, or "paddle", and keep the airbag at its proper operating height. Due to variances in truck receivers, the usage of the spacer block may vary. Check out the diagrams below to determine which installation matches your needs (see Figures 3, 4, & 5).



Figure 3:
Paddle is level - spacer block NOT necessary

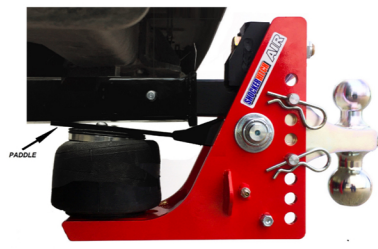


Figure 4:
Paddle is angled - spacer block RECOMMENDED



Figure 5:
Install using provided allen wrench and existing airbag bolts

ATTACHMENT BALL MOUNT DROP/RISE & RATING GUIDE

Please see the Gross Trailer Weight on the Airbag series frame you 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 Airbag hitch is your max towing capacity for the hitch. NEVER exceed the towing capacity on your towing vehicle, or the Shocker Hitch.

- COMBO BALL:** 0" Rise to 4.5" Drop | 2-5/16" ball rated at 20,000 lbs & 2" ball rated at 10,000 lbs.
- DROP BALL:** 4.5" Rise to 8.5" Drop | 2-5/16" ball rated at 20,000 lbs & 2" ball rated at 10,000 lbs
- RAISED BALL:** 2" Rise to 2" Drop | 2-5/16" ball rated at 20,000 lbs & 2" ball rated at 10,000 lbs
- PINTLE HOOK:** 2.5" Rise to 6.5" Drop | 10-Ton - 20,000 lbs.
- PINTLE & BALL:** 2.5" Rise to 6.5" Drop | 8-Ton - 16,000 lbs. (2" ball rated at 10,000 lbs).
- DRAWBAR:** 0" Rise to 4.5" Drop | 20,000 lbs.
- CLEVIS MOUNT:** 3.5" Rise to 5.5" Drop | 20,000 lbs.
- SWAY BAR MOUNTS:** Same rating as like type mount listing above.

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 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 - 2804 3RD AVE SW, JAMESTOWN ND, 58401 - (701)-707-2666

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