

SHOCKER SH-430 INSTALL INSTRUCTIONS

1. Setup

- Support your trailer with jack stands.
- Remove the factory coupler from your trailer.
- Remove the existing trailer jack from the trailer.
- Slide the tongue adapter onto the aluminum A-frame to find the best fit.

2. Drilling

- Using the existing factory holes as a template, mark the locations on the tongue adapter where drilling is required.
 - For 14K rating, 2 bolts on each side spaced evenly (Side Bolting)
 - For 20K rating, 4 bolts on each side spaced evenly (Side Bolting)
 - For 20K rating, 3 bolts spaced evenly (Top Bolting)
- After marking the positions, remove the adapter and drill out your holes using a 17/32" drill bit.
- Once all holes have been drilled, slide the tongue adapter back onto the aluminum A-frame and ensure all holes line up.

3. Installing Hardware

- We recommend using the following hardware:
 - Grade 8 1/2"-13 x 3-1/4" Bolts (if your tubing on frame is 2" wide)
 - Grade 8 1/2"-13 Lock Nuts
 - 1/2" Washers on both sides of the bolt
- Insert bolts with washers through the drilled holes and ensure there is 1" of thread protruding out the other side of the trailer frame.
- Place a washer on the end of the protruding bolt and then hand tighten the lock nut onto the bolt. Do this for all remaining bolts.
- Tighten all bolts down using an impact with 3/4" socket on the bolt head and 3/4" wrench on the nut until snug.

4. Installing Attachment

- Once the adapter is bolted firmly to the factory A-frame, you can then mount your vertical channel-style accessory.
- The attachments we recommend are the Demco EZ Latch coupler or a Shocker Air Hitch such as the Shocker Air Trailer Tongue Mount.



Instructions Page



YouTube Channel

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](#)

4/14/2026 | REV-A