

-TOOLS REQUIRED

- 9/16" wrench
- Ratchet with 9/16" socket

-PARTS INCLUDED

- Frame mounting plate (1)
- Tongue jack bracket (1)
- Top cap square/circle jack bracket (1)

-HARDWARE INCLUDED

- 3/8"-16 x 3-1/2" Carriage Bolt (4)
- 3/8"-16 x 1-1/4" Hex Bolt (7)
- 3/8" Lock Washer (11)
- 3/8"-16 Hex Nut (11)
- 3/8" Washer (14)



-TOP CAP SQUARE/CIRCLE JACK BRACKET INSTALLATION

- Remove the trailer jack drop leg by pulling out the snapper pin and sliding the drop leg out of the jack shaft.
- Slide the Top Cap Square/Circle Jack Bracket onto the jack shaft until it sits flush with the existing mounting bracket (Figure 1).



Figure 1: Sliding Top Cap Bracket onto Jack Shaft

- Secure the Top Cap Square/Circle Jack Bracket:

1. **Align and Insert:** Position the Top Cap Jack Bracket against the existing mount. Insert a 3/8"-16 x 1-1/4" hex bolt with flat washer through each of the three mounting holes.
2. **Add Hardware:** On the protruding end of each bolt, install a flat washer, a lock washer and a 3/8"-16 hex nut. Hand-tighten all three (Figure 2).
3. **Final Tightening:** Using a 9/16" socket and a 9/16" wrench, tighten all three bolts until they are firmly secured against the bracket (Figure 3).



Figure 2: Hardware installed on each bolt



Figure 3: Tightening bolts until firmly secure

-CLAMP-ON TRAILER FRAME BRACKET INSTALLATION

- Pre-Assemble the Tongue Jack Bracket with Frame Mounting Plate:

1. **Insert Top Bolts:** From the **INSIDE** of the bracket, slide two 3/8"-16 x 3-1/2" carriage bolts through the **top two square holes**.
2. **Seat the Bolts:** Pull the bolts through until the square neck of each bolt is fully seated into the bracket's square holes. The bolt heads must be flush against the inside surface.
3. **Align Mounting Plate:** Align the protruding bolts with the top holes of the Frame Mounting Plate and slide onto the bolts (Figure 4).
4. **Add Hardware:** Install a 3/8" flat washer, a 3/8" lock washer, and a 3/8"-16 hex nut on each bolt. Only thread the nuts on by a few turns; leaving this gap ensures the assembly can slide over the trailer tongue without binding (Figure 5).



Figure 4: Sliding mounting plate onto bolts



Figure 5: Hardware installed on each bolt

-CLAMP-ON TRAILER FRAME BRACKET INSTALLATION CONT.

• Install Pre-Assembly to Trailer Frame:

1. **Position on Frame:** Pull the Frame Mounting Plate toward the nuts until it is flush against the washers. Slide the entire assembly over the trailer frame rail until the carriage bolts rest on top of the frame (Figure 6).

Note: This bracket is designed for maximum versatility and can be mounted on the inside or outside of the trailer frame depending on your clearance.

2. **Insert Bottom Bolts:** From the **INSIDE** of the bracket, slide two 3/8"-16 x 3-1/2" carriage bolts through the **square holes located just below the trailer frame** (Figure 7).

Note: Use the set of holes closest to the bottom of the frame that allows the bolt to pass through clearly.

3. **Add Hardware:** Install a 3/8" flat washer, a 3/8" lock washer, and a 3/8"-16 hex nut onto each of the bottom bolts. Hand-tighten all four nuts (Figure 7).
4. **Final Tightening:** Using a 9/16" socket and ratchet, tighten all four nuts. Tighten the nuts evenly in a "cross pattern" (top-left, bottom right, etc.) until the bracket is firmly secured into the frame (Figure 8).

CAUTION: Do not over-tighten the bolts. Excessive force can bend or crush the aluminum frame tubing. Tighten until snug and the bracket does not shift on the frame.



Figure 6: Sliding pre-assembly over trailer frame rail



Figure 7: Sliding bolts through frame, and hardware



Figure 8: Tightening bolts until firmly secure



Figure 9: Sliding jack with bracket onto mount



Figure 10: Hardware installed on each bolt



Figure 11: Tightening bolts until firmly secure

-TOP CAP JACK BRACKET TO TONGUE BRACKET INSTALLATION

• Attaching the Jack to the Mounting Bracket:

1. **Position the Jack:** Slide the jack (with the Top Cap Bracket attached) onto the mounting post. Ensure the crank or electric head faces away from the trailer for easy access (Figure 9).
2. **Insert Side Bolts:** From the **OUTSIDE**, insert four 3/8"-16 x 1-1/4" hex bolts (two per side) through the aligned holes.
3. **Add Hardware:** On the inside, install a 3/8" flat washer, a 3/8" lock washer, and a 3/8"-16 hex nut onto each bolt (Figure 10).
4. **Final Tightening:** Using a 9/16" socket and a 9/16" wrench, tighten all four bolts until they are firmly secured against the bracket (Figure 11).

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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](#)