



## INSTALLATION INSTRUCTIONS

### PZ2969 Rear 2" Receiver Hitch PZ3249 Double-Shear Radius Rod Support Plate

Fits Polaris RZR XP; 2024 & Newer

(Does NOT fit with Polaris 2884516-458 Low Profile Rear Bumper)



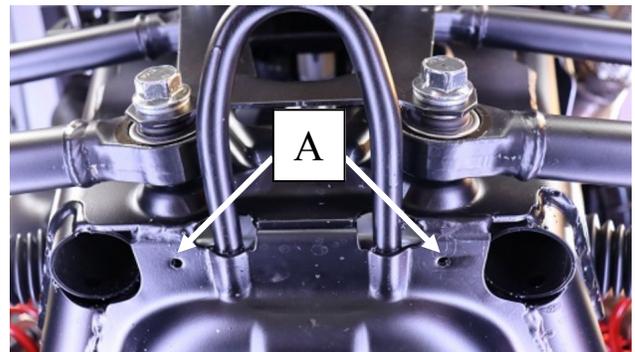
### Tools and Supplies

Jack & Jack-Stands  
Ratchet Wrench  
13mm Socket  
18mm Socket  
T40 Torx Wrench or Socket  
13mm Combination Wrench  
18mm Combination Wrench  
Electric Drill  
Step Drill Bit (Uni-Bit) or 5/16" Drill Bit

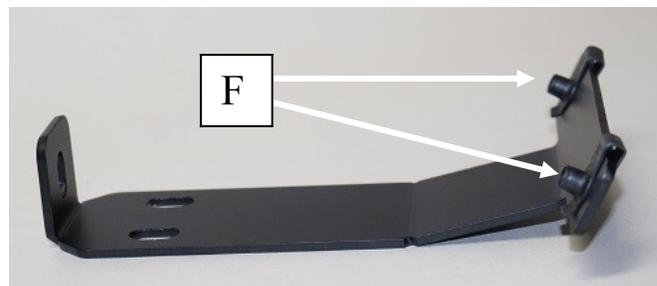
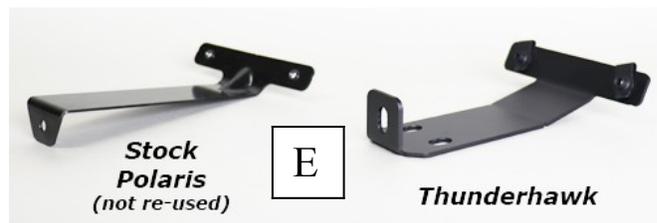
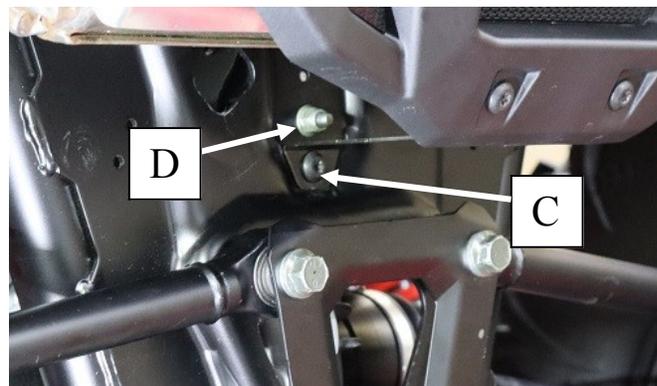
Be certain to observe all safety precautions related to the use of jack-stands throughout the installation of this product.

### Installation Instructions

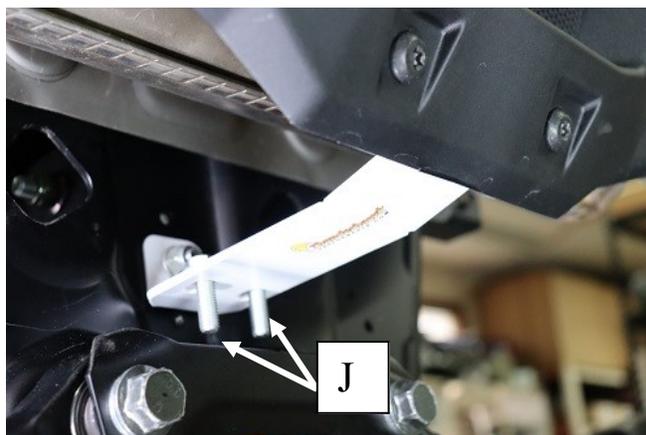
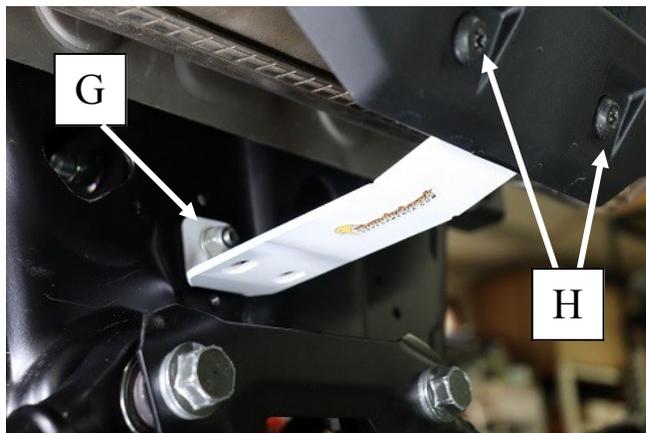
1. Raise the rear of the RZR with a jack so both rear tires are just barely off the ground. Safely support the machine with jack-stands.
2. Looking at the frame, under the rear of the RZR, you will see two small holes punched into the RZR's sheet metal frame (arrows in photo marked "A"). These two holes will be used to mount the bottom of the hitch, and they must be drilled-out to 5/16".



3. Remove the two Torx bolts holding the bottom of the plastic muffler cover (arrows in photo marked "B"). Retain these bolts to use later.
4. Remove the Torx bolt holding the muffler cover bracket to the RZR frame (arrow in photo marked "C"). This bracket and bolt will not be re-used
5. There is a stud sticking through the RZR frame which is located right above the location of the Torx bolt that was removed in previous step. Remove the nut from this stud (arrow in photo marked "D"). Retain this nut to be used later.
6. There is a new T-shaped double-shear upper hitch plate mount (supplied with hitch) which will be installed in place of the stock muffler cover mount bracket (see photo marked "E"). This new double shear upper mount should be oriented as shown, with frame tab facing up.
7. Install the two (supplied) clip nuts onto the T-shaped double-shear upper mount as shown (arrows in photo marked "F").



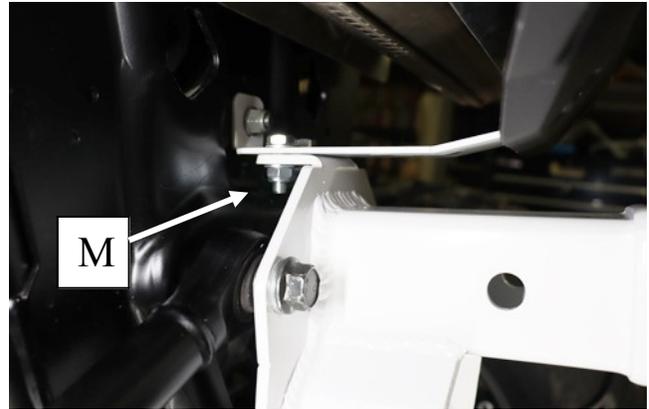
8. Be sure that the rear end of the T-shaped double-shear upper mount (with two clip nuts) is positioned above the plastic muffler cover. Install the T-shaped double-shear upper mount onto the frame stud using the stock nut (arrow in photo marked "G"). The nut securing this bracket to the RZR frame should be snug, but not fully tightened, so that bracket can be moved.
9. Install the two torx bolts (previously removed in step #3) to secure the plastic muffler cover to the T-shaped double-shear upper mount (arrows in photo "H"). Hand-tighten, do not use an impact.
10. Install two supplied hex bolts (with smaller flat washers) through the slots in the T-shaped double-shear upper mount (arrows in photo marked "J")
11. Remove the radius rod bolts at the four center, vehicle frame locations (arrows in photo marked "K"). Retain these bolts, washers and nuts to use later. The factory radius rod plate is removed, and will not be re-used.
12. Install the hitch or double-shear plate. Place the four radius rods in-position, so that the radius rod ends are located between the RZR frame and the hitch or double-shear plate (as shown in photo marked "L"). The top tab of the double-shear plate will sit below the two slots in the T-shaped double-shear upper mount (with bolts hanging down, arrow in photo "L"). The bottom of the double-shear plate will be under the RZR frame, with the lower mounting holes aligned with the two holes drilled-out in step #2.



13.

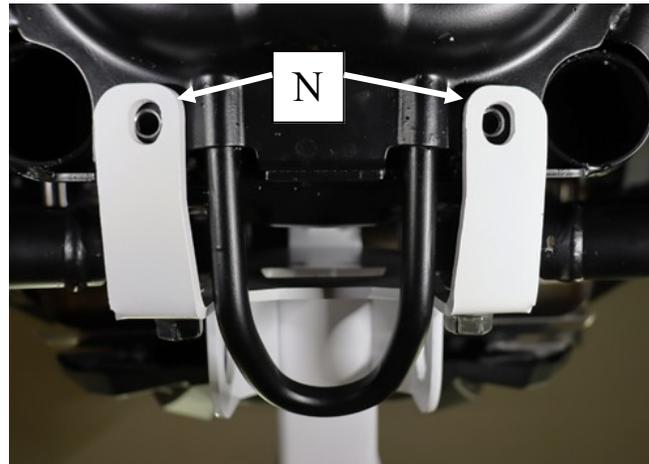
14.

Install two nylon lock-nuts (with smaller flat washers) into the two bolts hanging down through the T-shaped double-shear upper mount and the top tab of the hitch plate. Tighten these two nuts so that they are snug, but not fully tightened, so that the hitch plate can move (arrow in photo marked "M"). This will allow the hitch plate to hang in position for the following steps.



15.

Move each of the four radius rods into position, and install the factory bolts, nuts & washers (previously removed in step #11). With all four radius rods re-installed, torque the radius rod bolts to spec (see service manual for your year and model RZR).



16.

Tighten the nut on the frame stud (previously installed in step #8, arrow in photo marked "G") securing the T-shaped double-shear upper mount to the RZR frame.

17.

Tighten the two nuts on the upper tab of the hitch or double-shear plate (previously installed in step #13, photo marked "M").

18.

Install the two supplied hex bolts with larger flat washers up through the holes in the lower mounting tabs of the hitch (arrows in photo marked "N"), where the two holes were drilled out in step #2. Install larger flat washers and lock nuts on top (above the frame) and tighten these two nuts.



**TIP:** When installing the washers on top of the frame, slide the washers in from the outside (below the open vertical frame tube).

**TIP:** To install the nut, apply a couple layers of masking tape on the flats of an open-end wrench so that the nut will be held in the wrench by friction. Slide the nut into this wrench at whatever angle is necessary to install and start the threads. Hold nut with extension & socket on ratchet while tightening from below.

19.

Remove jack-stands and lower vehicle.