



PZ2950 Series

Thunderhawk
P E R F O R M A N C E

INSTALLATION INSTRUCTIONS

Rear 2" Receiver Hitch

(does NOT fit with Polaris Rear Bumper)



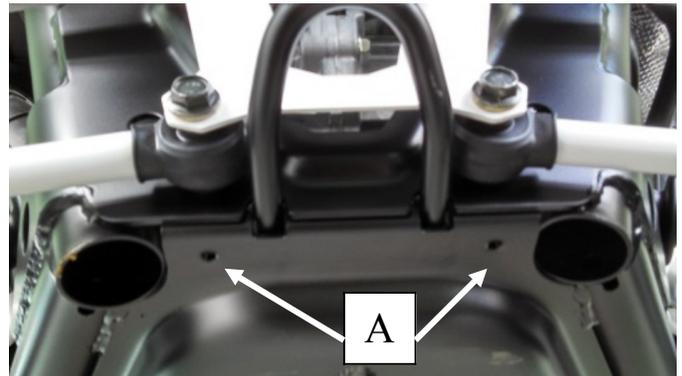
Tools and Supplies

Jack & Jack-Stands
Ratchet Wrench
½" Socket
13mm Socket
15mm Socket (for 10mm radius rod bolts; 2016-2017 models)
18mm Socket (for 12mm radius rod bolts; 2017 & newer models)
13mm Combination Wrench
15mm Combination Wrench (for 10mm radius rod bolts; 2016-2017 models)
18mm Combination Wrench (for 12mm radius rod bolts; 2017 & newer models)
Electric Drill
¼" Drill Bit
Socket Adapter (to use drill for installing self-tapping bolts)
T-40 Torx Bit (optional)

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

Installation Instructions

1. If you have the Polaris rear bumper, you have ordered the wrong hitch. This hitch will not fit due to the sheet metal piece that runs between the bumper tubes at the bottom. Other Thunderhawk hitches are available to fit with the Polaris bumper.
2. Raise the rear of the RZR with a jack so both rear tires are just barely touching the floor. Safely support the RZR with jack-stands.



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3. To gain additional room to work, you may choose to remove the rear lower fascia that covers the muffler (this is optional).
4. Looking at the frame, under the rear of the RZR, you will see two small holes punched into the sheet metal frame (arrows in photo "A"). These two holes will be used to mount the bottom of the hitch, and they must be drilled-out to 1/4".
5. Remove the radius rod bolts at the four center (vehicle frame) locations. The factory radius rod plate is removed, and will not be re-used.
6. The mounting nuts for the rear motor mount are located just above the radius rod mounting locations in the center of the frame. Remove only the lower nut of the rear motor mount (arrow in photo "B"). This nut will not be re-used.
7. Install the L-shaped mounting bracket on the lower motor mount stud, using the supplied nylon lock-nut and washer (arrow in photo "C"). This nut should be snug, but not fully tightened, so that bracket can be moved.
8. Install the hitch. Place the four radius rods in-position, so that the ends will be between the frame and the hitch plate before you install the hitch. The top of the hitch plate will sit atop the L-shaped bracket and the bottom section will be under the frame.
9. Install two supplied bolts (with flat washers) through the hitch plate's two top mounting holes and then install two nylon lock-nuts (with flat washers). This will secure the hitch plate to the L-shaped bracket (photo "D") and hold everything in-place for the rest of the installation. Tighten these two nuts so that they are snug, but not fully tightened, so that the hitch plate can move.
10. Install the four radius rods using factory bolts, nuts and washers. Torque bolts to spec for your year and model RZR.
11. Verify that the two bottom mounting holes in the double-shear hitch plate are aligned with the two holes in the frame that were drilled-out to 1/4" (in step #4).
12. Tighten the two top bolts (installed in step #9).
13. Tighten the motor mount nut (installed in step #7).
14. Install the supplied 5/16" thread-forming bolts into the two mounting holes on the bottom of the hitch plate. These bolts will go up through the holes on the bottom of the hitch plate and then through the two holes in the frame that were drilled-out to 1/4" in step #4 (marked "A" on photo on previous page).
15. Re-install the rear lower fascia (covering the muffler) if removed in step #3.
16. Remove jack-stands and lower vehicle.

