

ATLAS ORV

POL-10-RS-01 RZR XP1000 Radius Rods Instructions for Installation 12mm Bolts



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Tools Needed

- Floor jack
- Jack Stands
- 18mm Open-end Wrench
- 15mm Open-end Wrench
- 18mm Socket
- 15mm Socket
- Socket Wrench
- Breaker Bar

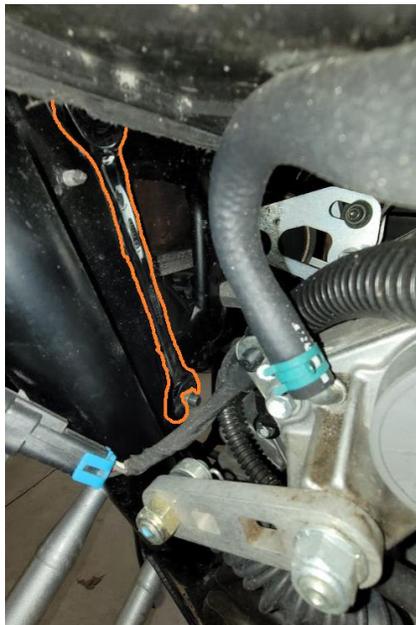
Instructions

- A) These instructions begin with the rear of the RZR frame safely on jack stands and the rear tires removed. Remember to block the front wheels
 - B) These instructions are written as swapping out the radius arms one side at a time. If you are also swapping out the radius plate, you will need to do both sides at the same time. Make sure the trailing arms are support and skip steps marked with “*”
1. Remove (4) 12mm nuts from radius arm mounts (Figure 1)
 - I. Recommended tools: 18mm wrench, 18mm socket, breaker bar
 - II. Remove the nuts from bolts 1 and 2
 - III. For positions 3 and 4 place the open-end wrench on the nut on the back side of the frame plate. (Figure 2)
 - IV. Start with position 3. Place the wrench on the nut and the breaker bar on the bolt head. Spin the bolt until the wrench jams on the nut of bolt 4. Make sure the wrench is on the nut and not on the threads of bolt 4.
 - V. Remove nut 3. Once the nut is loose enough, hold it by hand so it doesn't fall onto the skid plate under the motor.
 - VI. Remove nut 4 by the same process, but use the frame above the nut to hold the wrench in place.

FIGURE 1



FIGURE 2



2. Remove upper brake caliper bolt and loosen bottom one using the 15mm wrench
 - I. Pivot the brake caliper down so the upper radius arm bolt can be removed
3. Support the trailing arm to prevent stress on the assembly before removing the radius arm.
4. Lifting up on the wheel assembly, remove bolt 1
5. Hold onto the upper radius arm and remove bolt 4
6. Install ATLAS ORV upper radius arm
 - I. Insert bushings with O-ring on either side of bearing on the body side*
 - II. Slide the radius arm with bushings between the radius plate and frame*
 - III. Insert the plane bushings on either side of the bearing on the wheel side
 - IV. Reinstall bolt 1
 - V. Lifting up on the wheel assembly, reinstall bolt 4*
7. Install ATLAS ORV lower radius arm

- I. Follow the same procedure for the lower arm.
 - i. Hold onto the arm when removing bolt 2 because it will fall



8. Reinstall upper brake caliper bolt and tighten
 - I. The lower caliper bolt will be tightened later once the unit is back on the ground to give clearance to the head.
9. Install nuts on all 4 radius arm bolts and tighten
10. Follow same procedure for opposite side.
11. Reinstall tires and put unit back on the ground.
12. TIGHTEN LOWER BRAKE CALIPER BOLT!
13. Double check all bolts and nuts are tight after first use.
14. Enjoy your new high strength radius arms!