

Alba Racing Polaris RZR XP 1000 Straight Radius Arm Kit Installation

Please ensure that you have all parts before proceeding: 2 long rods, 2 'short' rods, 8 o-rings, 4 thick spacers, 12 thin spacers.

Tools needed: 15 mm socket and ratchet; 15 mm wrench; torque wrench.

1. Place the frame of the RZR on jack stands so the tires are off the ground. Be sure it is solidly on the jack stands so it will not fall off. Remove both rear tires.
2. Remove all 4 radius rods – keep the bolts. You will re-use them. Note: You can do these 1 at a time - remove one and install a new one; then go to the next. Either way works.
3. Start with either side upper radius rod (this is the shorter rod). Insert one heim joint in each end (the end with the machined notches is reverse threaded). To adjust them to the proper length **see picture 1**. Adjust the heims until the stock bolts go thru both the new and the stock arms. When they are lined up correctly, finger tighten the jamb nuts.
4. Now install the new radius rods. Note that there are 2 different thicknesses of spacers for the heims. The inboard end uses a thick spacer to go against the frame and a thin one to go against the diff plate. (**see picture 2**) Push one in each side of the heim. Mount the rod to the RZR using the stock bolt. Put on the nut but do not tighten it. The outboard end (mounts on the wheel spindle) uses 2 o-rings and 2 thin spacers. One o- ring on each side of the heim between the spacer and the ball of the heim. The o- rings keep the arm from rocking back and forth. (**see picture 3**). To be sure the spacers are seated all the way in, clamp them together in a vice. When the spacers are in the heims slide them in to the spindle and install the bolt and nut. Tighten all 4 outboard bolts to 40 ft # with torque wrench.
5. Repeat this process for the other 3 radius rods. Note: You will have some extra o -rings.
6. After all 4 new rods are mounted torque all 4 inboard bolts to 40 ft #.
7. Tighten the Jam nuts on the heim joints. Adjust the heims so they are straight up and down vertically. Use a wrench on the machined notches on the rod to hold it so it does not turn.
8. Mount the tires – be sure the lugs are tight.
9. After your first ride (and all subsequent rides) be sure to check all the bolts for tightness. Questions? 619-562-0188.

