

POLARIS RZR XP 1000 Hi CLEARANCE RADIUS ARM KIT

Before beginning please read the suspension liability information.

1. Place the frame of the RZR on jackstands so the tires are off the ground. Be sure it is solidly on the jackstands so it will not fall off. Remove both rear tires.
2. Remove all 4 radius rods – keep the bolts you will reuse them.
3. Start with either side upper arm. Insert one heim joint in each end (one end 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 arm. Note that there are 2 different thicknesses of spacers for the heims. On the end that mounts to the frame put 1 thick spacer and 1 thin spacer. The thick spacer will go to the back of the RZR when the arm is mounted). On the wheel end of the rod put a thin spacer on each side. Mount the arm to the RZR using the stock bolts. Put on the nuts but do not tighten them. Install both sides.
5. Now follow the same procedure for the lower (bent) arms. (See picture 1) Screw the frame side (reverse threaded) heim joint all the way in to the arm (be sure the jamb nut is on it) Do not make adjustments with this heim joint. Use the wheel side heim for the adjustments. Screw the wheel side heim joint in and use the same procedure as the uppers to adjust the length. *The wheel side heim will not be in the arm as far as the frame side heim.* On the frame end a thin spacer will go on the rear side of the heim (away from the frame). On the front side a thick spacer will be used (close to the frame). **NOTE: Very important – Insert the large aluminum spacer over the thick spacer** (see pic 2). The notched end goes against the heim. This keeps the arm from swiveling forward and hitting the frame. Now install the lower arms using the stock bolts.
6. After all 4 new arms are mounted tighten all 4 bolts – be sure they are torqued correctly!
 - a. Frame side - 40 ftlbs torque Wheel side - 45 ft lbs torque
7. Tighten the Jam nuts on the heim joints. Hold the heims so they are straight up and down vertically.
8. Mount the tires – be sure the lugs are tightened to the correct torque spec of 120 ftlbs
9. After your first ride and every ride thereafter be sure to check all the bolts for tightness!



Picture 1



Picture 2