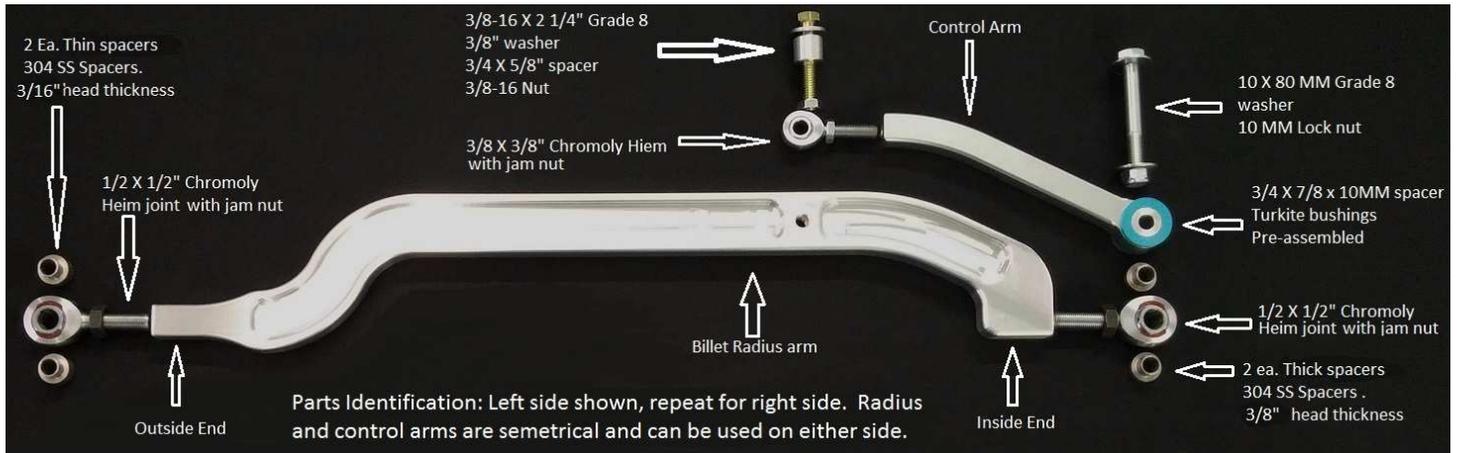


Side By Innovations

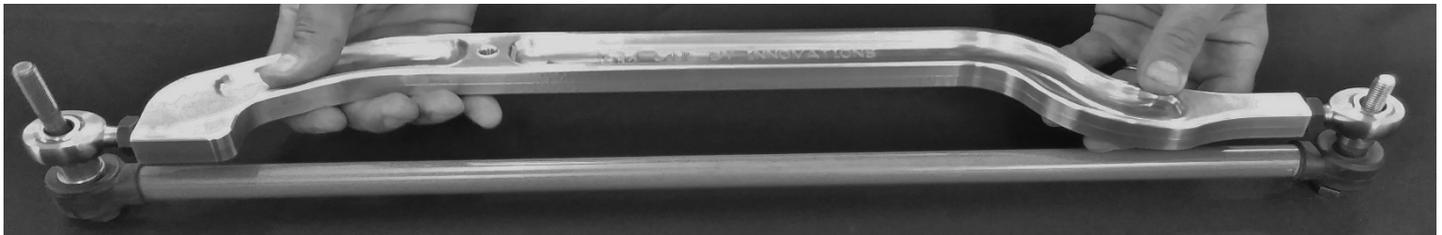
RAXP1 & RAXP9 Billet high clearance Radius arm installation



1. Lay all parts out on a flat surface to identify all parts as shown above.
2. Jack up the rear of the RZR so the rear tires are off the ground. Place vehicle safely on jack stands and remove rear wheels.
3. Remove both lower stock radius arms from RZR.
4. Thread both 1/2" X 1/2" Chromalloy Heim joints into ends of Billet radius arm until there are approximately 3 threads exposed outside of each jam nut, do not tighten jam nuts yet.



5. Use the stock radius arm to set length by placing two of the long 10 MM bolts through the ball joints. Lay the stock arm on a flat surface so the bolts are standing straight up as shown. Place one of the 303 SS spacers over each bolt with the small diameter facing up.



Adjust the length of the new high clearance radius arm by turning the Chromoly heim joints 1/2 turn at a time in or out as needed until the 1/2" holes in the heim joint balls will slide freely over the small diameter of the spacers.

5. (cont.) Add 303 SS spacers on top as shown. If the length is set properly, they will slide right into to the 1/2" hole in the ball joint without resistance. Make sure the bolts are pointing straight up. Remove radius arm and spacers. Tighten the jam nuts while keeping the heim joint parallel with the flat side of the radius arm.



6. Insert a **thick** 303 SS spacer into each side of the ball on the inside end heim joint and set aside. Place the 10 X 80 MM grade 8 bolt through a washer then through the spacer/bushing of the control arm and then through another washer.

Note: We recommend using a little blue Loctite on all threads from this point forward.



Position the inside heim between the frame and the back plate so all of the holes line up. Insert the 10 mm bolt with the control arm and washers through the back plate, spacers and frame as shown. Install lock nut with Loctite. Hold the nut in place with a 17MM wrench from back side. Tighten bolt to 50 ft. lbs.



Insert a **thin** 303 SS spacer into each side of the ball on the outside end heim joint. Bring the radius arm up and carefully slide the heim spacers into the opening in the carrier. Insert the OEM Bolt Loctite and install the OEM nut. Tighten to 50 ft. lbs.



7. Thread the 3/8 X 3/8" heim joint with jam nut into the end of the control arm. Do not tighten jam nut yet. Adjust length of heim so the 3/8 hole lines up straight with the threaded hole in the radius arm.

Place the 3/4 dia. X 5/8 long aluminum spacer between the 3/8 heim and the radius arm. Insert the 3/8-16 X 2 1/4" Grade 8 bolt with washer and Loctite through the heim and spacer and thread it into radius arm. The bolt will thread in easily if the heim length is set correctly. If the bolt binds, adjust the heim length. Tighten to 25 ft. lbs.



Add 3/8" jam nut with Loctite on back side of radius arm and tighten.



Hold the control arm in place with a 5/8" open end wrench and tighten the jam nut on the 3/8" heim with a 9/16" open end wrench. Repeat the entire operation for the opposite side. Replace wheels, remove jack stands and you're done!



