



XP1000 Long Travel Trailing Arm

Polaris XP1000 All Models | All Years

Part #: 5201608

Rev. 022318

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SAFETY WARNING

RT Pro UTV recommends this system be installed by a professional technician. In addition to these instructions, professional knowledge of disassembly/ reassembly procedures and post installation checks must be known.

WHY BUY RT PRO UTV

Great off-road driving and racing comes with having the most rugged and durable machine in the pack.

RT Pro UTV performance enhancing products will make your off-road machine stronger, tougher and safer so you can have more fun and less breakdowns.

For over a decade, RT Pro UTV staff have been taking brand new UTVs and driving them to their breaking point. When they bend, break or falter, we take them back to shop and create a fix that stops the problem from happening again.

There is no other company in the industry that puts more thought, engineering and design innovation into their products than we do. Our team is made up of off-road racers, mechanical engineers and talented fabricators who live and breathe all things motorsport. Above all, we share a passion for innovation, quality construction and getting things right.

All of our products are designed for assembly by weekend warriors with normal garage tools and the occasional spot-weld. Assembly directions are complete and thorough.

Remember, when you buy a RT Pro UTV product for your UTV, all of the parts have been designed and manufactured in the United States with U.S. steel and other high quality American components.



RTP5201608		
Part #	Description	QTY
04458	XP1000 Long Travel Trailing Arm -DRV	1
04459	XP1000 Long Travel Trailing ARm -PASS	1
A2029	XP1000 Long Travel Upper Radius Rod	2
A2030	XP1000 Long Travel Lower Radius Rod	2
04126	Inner Forward Radius Rod Misalignment	4
04127	Inner Rear Radius Rod Misalgnment	4
04128	Outer Radius Rod Misalignment	8
R181	Bolt Pack	
	M12-1.75 x 130mm SHCS	2
	M12-1.75 Nylock Nut	2
	M10-1.5 x 50mm Hex bolt	2
	M10-1.5 Nylock Nut	2
	6 inch zip tie	10

FITMENT NOTES

Works with stock width sway bar links.
Wheel Offset: +1" or 4" or less back spacing

SPECIAL TOOLS

None

INSTALLATION TIME

Approximately 4-5 hours
Hard Difficulty

INSTALLATION INSTRUCTIONS

1. Raise rear of RZR and secure with jackstands. Disassemble rear suspension components. Remove tire, hub assembly, trailing arm, radius rods, shock and axles.
2. Install Radius rods to inner mounts on frame as shown in Figure 1, Refer to Figure 2 for placement of inner misalignments on radius rod heims. Longer radius rods are lower, shorter are upper. See Figure 3 for trailing arm assembly. Insert stock front misalignments and o-rings into front com bearing of trailing arm. Attach carrier bearing housing onto trailing arm as shown using factory hardware.

Figure 1



Figure 2

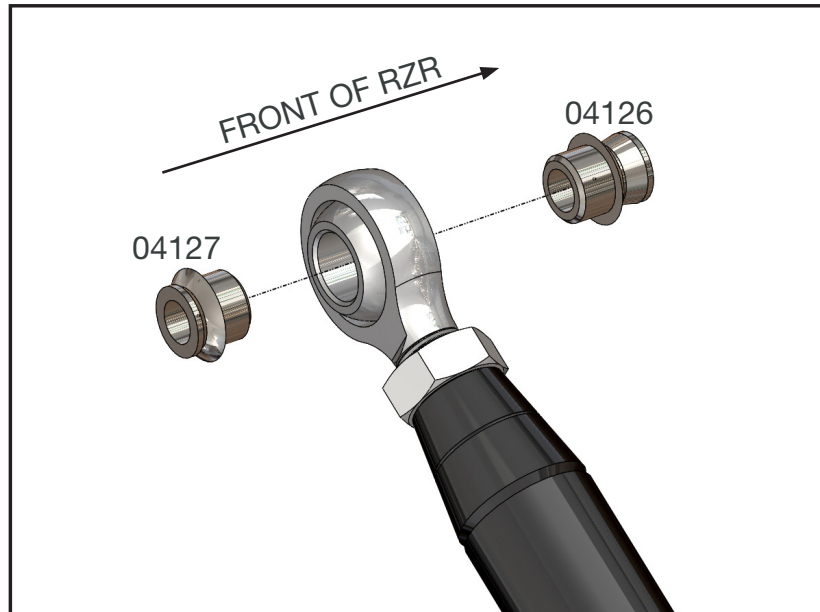
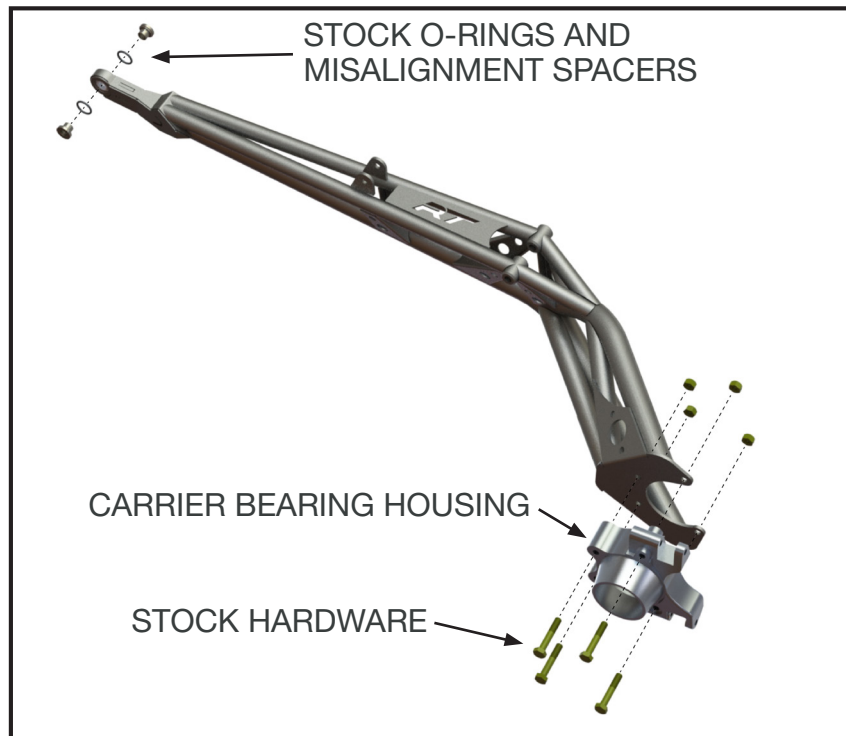
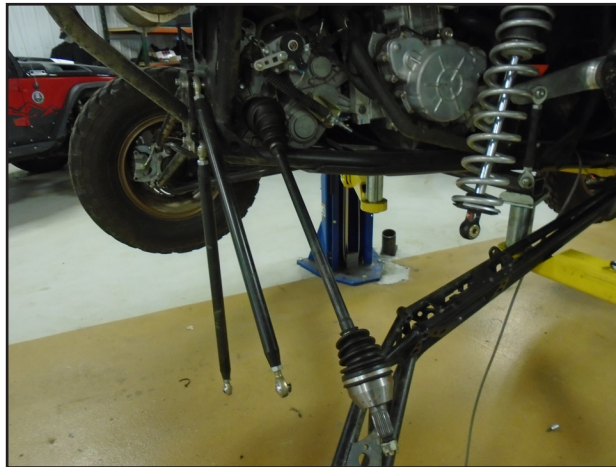


Figure 3



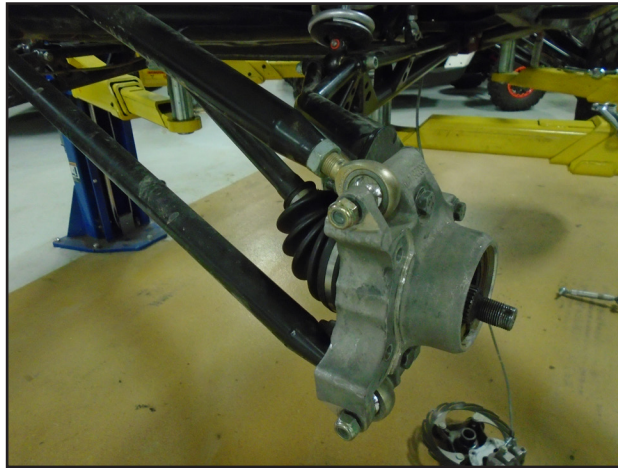
3. Install rear axle. Using a dead blow hammer makes this task a bit easier. Thread the spindle nut onto the end of the axle and hit from outside inward, keeping outer joint, inner joint and axle as close to concentric as possible (hit straight in) (Do not hit the inside joint as you will risk tearing the rubber CV boot) See Figure 4.

Figure 4



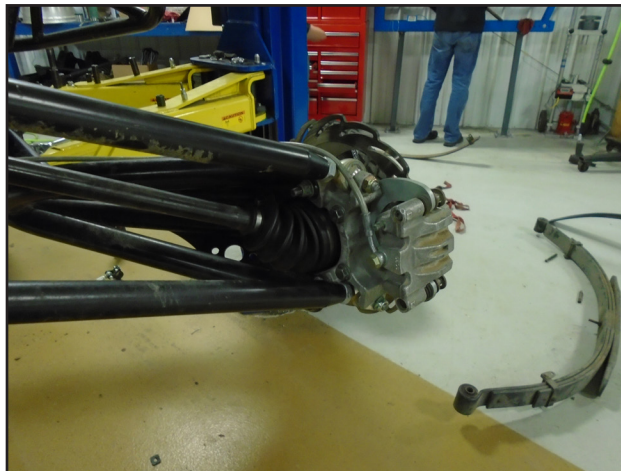
4. Insert axle through carrier bearing housing and install radius rods after inserting misalignments into outer radius rod heims. See Figure 5.

Figure 5



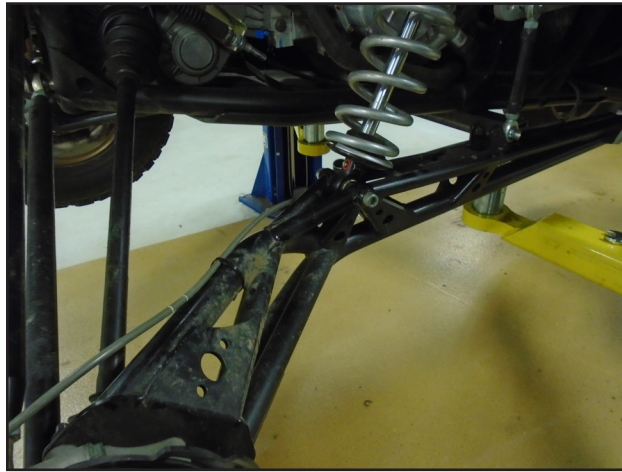
5. Install hub assembly and brake caliper. To install lower caliper mount bolt, cycle suspension slightly upward for hardware to clear lower radius rod. Route brake lines above upper radius rod and on inside of trailing arm. See Figure 6. Install spindle washers and castle nut onto axle and tighten. This will be torqued to factory specs in a later step.

Figure 6



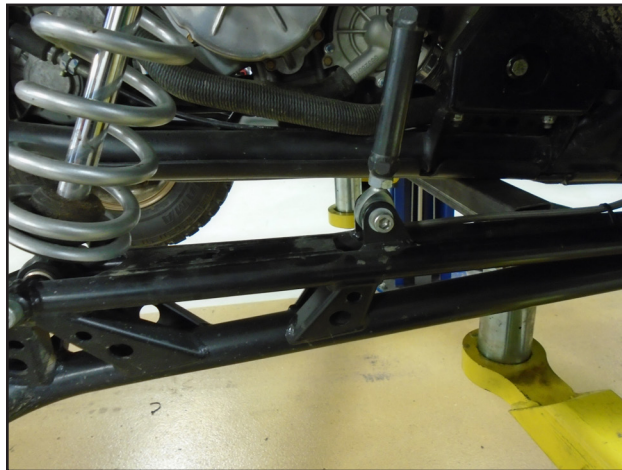
6. Install shock to upper and lower mounts. Use the provided M12-1.75 x 130mm SHCS on bottom shock mount. See Figure 7

Figure 7



7. Attach rear sway bar link to the trailing arm using the provided M10-1.5 x 50mm hex bolts. See Figure 8.

Figure 8



8. Install tire and lower machine, torque spindle nut to factory specs and insert cotter pin, see Figure 9. Use provided zip ties and fasten brake line as shown in Figure 6 & 7. Torque Lug nuts to factory specifications.

Figure 9



ALIGNMENT

9. Camber adjustments can be made by adjusting the upper and lower radius rods. Once desired camber specifications are obtained, tighten jam nuts on radius rods. Start your adjustment at 1/8" thread exposed beyond the jam nut on both the top and bottom radius rod.

THANK YOU FOR YOUR BUSINESS!

For questions or additional information feel free to call and ask for tech support or email us through our website at: rtproutv.com/contact



Show Us Your Ride!

Get a photo of your RT Pro UTV equipped vehicle and send them in for a chance to be featured in our customer gallery!