



RZR XP 1000 2" Lift Kit

Polaris RZR XP 1000/ XP4 1000 | 2014+

Part #: 5101224

Rev. 082316

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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.



RTP5101224		
Part #	Description	QTY
04025	Front Shock Relocation - Front Plate	1
04026	Front Shock Relocation - Center Plate	1
04027	Front Shock Relocation - Rear Plate	1
04028	Rear Shock Relocation	2
04029	T-Flange Clamp - Male	2
04030	T-Flange Clamp - Female	2
04024	Spacer Sleeve - 0.625 x 0.095 x 1.250	2

RTP5101224 - Bolt Packs		
Part #	Description	QTY
R103	Front Bolt Pack - RZR XP1000	1
	M10-1.5 x 30mm hex bolt	3
	M10-1.5 x 65mm hex bolt	4
	M10 flat washer	18
	M10-1.5 nylock nut	7
	M12-1.75 x 65mm hex bolt	1
	M12-1.75 nylock nut	1
	M12 flat washer	2
R104	Rear Bolt Pack - RZR XP1000	1
	5/16"-24 x 1-1/2" SHCS	6
	5/16"-24 nylock nut	6
	M12-1.75 x 65mm hex bolt	4
	M12-1.75 nylock nut	4
	M12 flat washer	8

FITMENT NOTES

Fits all model XP1's including the 4 seat models except for the 2016 Highlifter Edition or Turbo Models

SPECIAL TOOLS

N/A

INSTALLATION TIME

Approximately 2 hours
Easy/Medium Difficulty

INSTALLATION INSTRUCTIONS

INSTALLING THE FRONT LIFT KIT

1. Lift the RZR and use two quality jack stands to secure.
2. Spin the front tires and check for binding.

Special Note: The wheels DO NOT need to be removed for the installation of this lift. It may make it easier, but is not required.

3. Snip the zip-tie holding the wire harness to the upper frame cross member.
4. Pull the differential vent tube from the upper frame cross member and reroute away from shock mount channel.
5. Locate the bag of hardware for the front brace

Figure 1



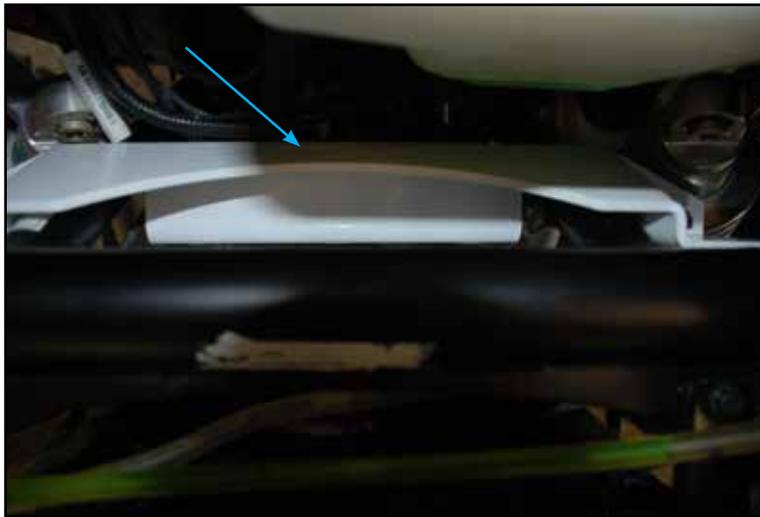
6. Use 15mm socket and open-end (or box-end) to remove the top of the front shocks.

Figure 2



7. When installing the lift bracket make sure the bracket with the “U” shape goes behind the front factory shock mounts and frame facing upward.

Figure 3



8. Install the front lift bracket into the factory upper shock mounts and install two bolts (do not tighten at this time)

Note: Use supplied spacers (not shown in pictures) to fill the space between the original shock mount tabs.

Figure 4



9. It should now look like the picture below.

Figure 5



10. Now install the (3) three shorter bolts and nuts. The picture below shows the remaining center “A” bracket is also installed at this time before the bolts go in.

Figure 6



11. Reinstall the front shocks in the new outer bracket holes and tighten all bolts at this time.

Note: Use the 4 remaining M10 flat washers on outsides of shock bushings when installing in to new locations to help take up the gap.

12. With all the bolts tightened remove the stands and lower the RZR back to the ground.

INSTALLING THE RZR 1000 REAR LIFT KIT

13. Lift the RZR and use two quality jack stands to secure.
14. Remove the intake hose from the bed by pulling downward and remove the single hose clamp holding the intake hose onto the intake port.

Figure 7



15. Remove the lower sway bar bolt from the trailing arm.
16. Next remove the upper shock bolt that secures it to the frame.

Figure 8



17. With the shock removed install the round frame mounts onto the horizontal frame tube.

Figure 9



18. Next install the rear lift bracket itself into the horizontal frame bracket aligning all three holes and loosely installing the (3) three allen head bolts and nuts. At the same time install the front of the bracket into the factory frame shock mount.
19. Next install the shock into the center hole on the lift bracket. Tighten all bolts at this time.
20. Reinstall the air intake making sure the hose clamp is properly connected.
21. With the RZR in neutral spin the rear tires and check for binding.

Figure 10



Now you are ready to enjoy your new RZR. With this kit you will have increased ride height because by design, we relocate the factory shock geometry which makes less work for the OEM springs which in turn raises the vehicle. Not only is this a better way to lift the machine than a lower shock relocation; it is also a safer way because with our design we are able to control how far down the shock allows the suspension to drop down. Our design will not allow your CV's to bind because the angle remains the same as stock. You will however have a slightly higher operating angle at ride height due to the lift, (as with any lift) but the affects will takes years to wear out the CV's depending on your milage.

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!