



RZR XP 900 2" Lift Kit

Polaris RZR XP 900 / XP4 900 | 2-Seat: 2011-2014, 4-Seat: 2012-2014

Part #: 5101234

Rev. 062617

491 W. Garfield Ave., Coldwater, MI 49036 · Phone: 517-278-7768

E-mail: sales-rtpro@sporttruckusainc.com

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.



RTP5101234

Part #	Description	QTY
04057	Front Shock Relocation - Front Plate	1
04058	Front Shock Relocation - Rear Plate	1
04059	Rear Shock Relocation - DRV	1
04060	Rear Shock Relocation - PASS	1
04061	1.25in 4 Hole Flange Clamp	2
04024	Spacer Sleeve - 0.625 x 0.095 x 1.25	2

RTP5101234 - Bolt Packs

Part #	Description	QTY
R109	Bolt Pack - Frt XP 900 2in	1
	M10-1.5 x 65mm hex bolt	12
	M10-1.5 x 25mm hex bolt	5
	M10-1.5 nylock nut	17
	M10 flat washer	38
R110	Bolt Pack - Rear XP 900 2in	1
	M12-1.75 x 65mm hex bolt	2
	M12-1.75 nylock nut	2
	M12 flat washer	4
	5/16"-24 x 7/8" SHCS	6
	5/16"-24 nylock nut	6
	5/16"-18 x 7/8" hex bolt	2
	5/16"-18 nylock nut	2

FITMENT NOTES

This product will not work with our FB3 Rigid Mount Front Bumper. There is a very small interference with the front shock reservoirs. If you choose to install these two products together you are responsible for the required modifications.

SPECIAL TOOLS

May require a grinder

INSTALLATION TIME

Approximately 3 hours
Medium Difficulty

INSTALLATION INSTRUCTIONS

FRONT LIFT BRACKET INSTRUCTIONS:

1. Jack up the front end of the vehicle and secure with jack stands.
2. Take off center hood panel for access to upper shock mounts.
3. Remove Upper shock mount bolts and lean shocks outward for room to install front brackets.
4. Install rear plate from top of machine and ensure no hoses are between the plate and the stock mounting surface. (The flat plate is the rear plate.)

Figure 1



5. Install front plate from side of machine, re-route hoses and wiring so they are on the outside of the plate.

Figure 2



6. Loosely install 8 of the M10-1.5 x 65 bolts in the center most holes, do not put the stock shock bolts in until the next step.

Figure 3



7. Install the 1.25" spacers in between the stock shock hole tabs and install two of the M10-1.5 x 65mm on both sides of the vehicle.

Figure 4



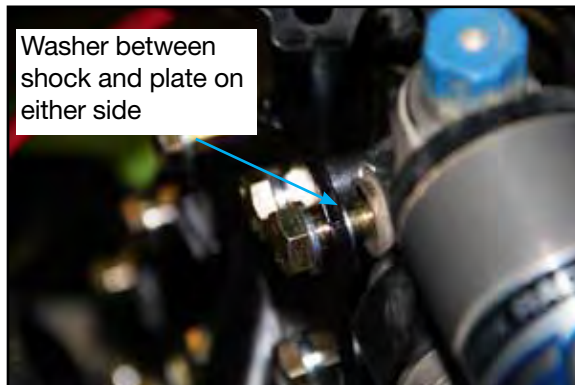
8. Install five M10-1.5 x 25mm on the bottom side of the brackets and tighten.

Figure 5



9. Tighten remaining hardware.
10. Install shock in new location adding washers to either side of the shock head bushings before installing between bracket plates.

Figure 6



11. Ensure all hardware is tight, install the center hood panel, remove jack stands, and lower vehicle.

REAR LIFT BRACKET (PASSENGER)

12. Jack up rear end of the vehicle and secure with jack stands.
13. Remove rear tires, this makes it easier to reach the upper shock mount location.
14. Remove upper shock bolt and lean shock toward the rear of the vehicle.
15. Hold bracket up to location and trim/adjust away any heat shield so that the flange clamp sits flat against the frame.

Figure 7



16. Install bracket and put stock M12 bolt in the stock hole location.
17. Install top of flange and insert the four 5/16-24 x 7/8 bolts and tighten.

Figure 8



18. Install shock in new hole location and install provided M12-1.75 x 65mm hex bolt.
19. Repeat steps on opposite side, install tires, remove jack stands, and lower vehicle.

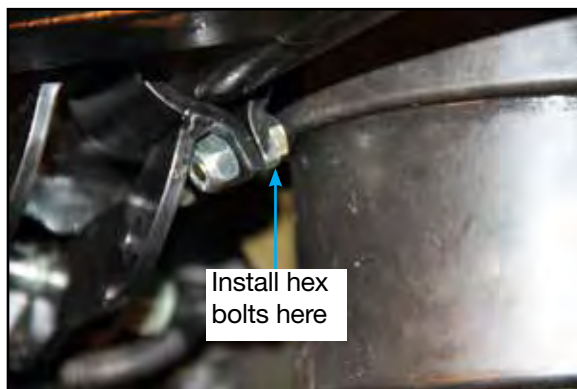
ADDITIONAL STEPS FOR REAR DRIVER SIDE (IF YOU HAVE OIL RESERVOIR)

20. Before installing top of flange the oil reservoir must be detached from bracket. There are two bolts holding this reservoir on the frame that, when removed, will allow you to install the back two 5/16-18x 7/8" hex bolts into the flange. You do not need to take the reservoir completely out, after taking the two bolts you can push it toward the center of the machine enough to fit the hardware.

Figure 9



Figure 10



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!