



Ranger XP 700/800 2" Lift Kit

Polaris Ranger XP 700/800 | 2009-2014

Part #: 5101205

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.



RTP5101205		
Part #	Description	QTY
04071	Front Main Brace	2
04072	Rear Main Brace	2
04073	Gusset Insert	2
04024	Spacer Sleeve 0.625 x 0.095 x 1.250	4
04021	Spacer Sleeve 0.625 x 0.095 x 0.750	2

RTP5101205 - Bolt Pack		
Part #	Description	QTY
R113	Bolt Pack - Ranger 2"	1
	M10-1.5 x 65mm hex bolt	12
	M10-1.5 nylock nut	12
	M10 flat washer	8

FITMENT NOTES

Does not fit 2008 and older models with strut style front end, Ranger XP900 or mid sized models

SPECIAL TOOLS

N/A

INSTALLATION TIME

Approximately 1.5 hours
Easy Difficulty

INSTALLATION INSTRUCTIONS

INSTALLING THE FRONT LIFT KIT

1. Lift the Ranger and use two quality jack stands to secure.
2. Spin the front tires and check for binding.
3. Remove the front shocks from the upper mounts. Move the shock out of your way.
4. Locate the 10mm hardware for the front brackets. There should be (6) M10 x 65mm bolts, (6) M10 nyloc nuts, (4) M10 washers and (4) 1.25" spacers.

5. Slide the front brackets over top of the OEM mounts and use the bolts to locate them.
6. The 1.25" spacers will go inside the OEM mounting bracket to tighten the bolts down against.
7. Now install the shocks into the new position using the remaining M10 bolts. Use one M10 washer on each side of the shocks to make up the space the new brackets add.
8. Install the Nyloc nuts and tighten all four fasteners to as tight as possible.
9. Spin the tires and check for binding.
10. Remount wheels and torque lug nuts.

Figure 1



INSTALLING THE REAR LIFT KIT

11. Lift the Ranger and use two quality jack stands to secure.
12. Spin the rear tires and check for binding.
13. Tilt bed up.
14. Remove the upper shock bolts. Swing shock out of your way.
15. Locate the 10mm hardware for the rear brackets. There should be (6) M10 x 65mm bolts, (6) M10 nyloc nuts, (4) M10 washers and (2) rear gusset inserts.
16. Slide the rear brackets over top of the OEM mounts and use the bolts to locate them.
17. The gusset inserts are used to tie together the lift kit brackets for strength and double as a spacer to tighten against on the inside of the OEM shock mounts. There is only one way this will fit. Slide it in to the OEM shock mount bracket from the bottom upwards with the open end of the gusset facing upwards.
18. Now install the shocks into the new position using the remaining M10 bolts. Use one M10 washer on each side of the shocks to make up the space the new brackets add.
19. Install the Nylock nuts and tighten all four fasteners to as tight as possible.
20. Spin the tires and check for binding.
21. Use the supplied 0.75" spacers to spacer the rubber bushing of the rear upper sway bar mount upwards. (see picture).
22. Remount wheels and torque lug nuts.

Figure 2

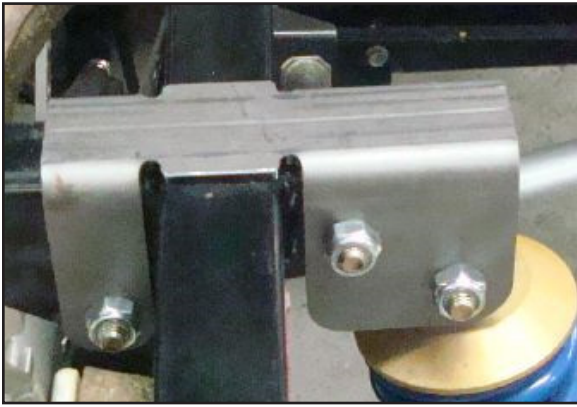


Figure 3



Figure 4



Now you are ready to enjoy your new Ranger. 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 we control the droop. 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 RTProUTV equipped vehicle and send them in for a chance to be featured in our customer gallery!