



RZR XP 900 Rear Chassis Struts

Polaris RZR XP 900 | 2011-2014

Part #: 5501309

Rev. 091516

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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.



RTP5501309		
Part #	Description	QTY
04319	RXP Chassis Strut - DRV	1
04320	RXP Chassis Strut - PASS	1
04321	RXP Nerf and Chassis Strut Mount - DRV	1
04322	RXP Nerf and Chassis Strut Mount - PASS	1
04294	1.00 x 0.250 x 1.625 Sleeve	2

RTP5501309 - Bolt Pack		
Part #	Description	QTY
R141	Bolt Pack	1
	5/16"-18 x 1" hex bolt	4
	5/16"-18 x 1-3/4" hex bolt	4
	5/16"-18 nylock nut	8
	5/16" SAE flat washer	16
	1/2"-20 x 4-1/2" bolt	2
	1/2"-20 nylock nut	2
	1/2" SAE flat washer	4

FITMENT NOTES

N/A

SPECIAL TOOLS

5/16" and 1/2" Drill bit

INSTALLATION TIME

Approximately 2 hours
Medium Difficulty

INSTALLATION INSTRUCTIONS

Figure 1



1. Remove the rocker panels from the machine. The rear fenders (box sides) can stay on the machine. Or you can take them off for more room to work.
2. Once the rocker panels are removed you will see two holes pre-drilled in the chassis. (previous picture)
Note: Most 2011 models had a small bracket mounted to these holes for fender mounting. You can reuse or discard these. The 5/16-18 x 1.5" supplied bolts will be used here.
3. Use a drill to enlarge these holes though both sides of the tube to fit the 5/16" bolts.
4. Next, you will remove the bolts from the rear-most tabs of the roll cage mounting plates. These bolts will be replaced by the 1/2-20 x 4.5" hex bolts. Drill the holes through the frame and roll cage plate to clear this size bolt.

Figure 2



5. Install the new brackets with washers on the both sides of the fasteners.

Figure 3



Figure 4



6. Next hold the struts up in place as they will be installed. Use the 1/2-20 x 4.5" hex bolts to install the front upper mount. Use the supplied spacers to fill the gap between the mounting bracket and the chassis tab for the roll cage.

Note: You should install the bolt from the bottom side up. (The picture is just for reference.)

7. Before tightening the upper bolt use the remaining 5/16-18 x 1" hex bolts to locate the rear lower mounting plates. Put the bolts in from the back towards the front using the remaining 5/16" washers on both sides of the fasteners.
8. Once these bolts are installed and tightened you may tighten the 1/2-20 bolts. Depending on production tolerances, there may be some gap between the spacer and the surfaces. Feel free to tighten the bolts until everything crushes together.

Figure 5



9. This concludes the installation of the Racer Tech RZR XP 900 Rear Chassis Struts. Enjoy your next riding experience knowing you have much more rigidity built in to your chassis.

Note: The mounting brackets installed with this kit are the same brackets we use to mount the Racer Tech RZR XP 900 and XP 4 900 Nerf Bars. If you decide to add the near bars later these will work with the new parts.

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!