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# **RZR XP 900 Front Bumper - Moto (MX) Option**

**Polaris RZR XP 900 | 2011-2014**

**Part #: 5401350**

**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.

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## **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.



RTP5401350		
Part #	Description	QTY
04301	XP900 Front Bumper - MX	1
04302	Front Bumper Bash Plate	1
04303	Logo Backer Plate	1
04304	RXP Front Bumper Rigid Arm - DRV	1
04305	RXP Front Bumper Rigid Arm - PASS	1
04021	0.625 x .095 x 0.75 Sleeve	2
04199	1.25" Flange Clamp 3-bolt	2

RTP5401350 - Bolt Pack		
Part #	Description	QTY
R139	Bolt Pack	1
	3/8"-16 x 1" BHCS	4
	3/8"-16 nylock nut	8
	10-24 x 3/4" BHCS	4
	10-24 nylock nut	4
	M10-1.5 x 40mm hex bolt	2
	3/8" lock washer	2
	5/16"-24 x 7/8" SHCS	12
	5/16"-24 nylock nut	12
	3/8"-16 x 1-3/4" bolt	4

## FITMENT NOTES

MX Option - This is the standard bumper with a shorter main tube and no upper tubes. It provided maximum strength and minimal weight

## SPECIAL TOOLS

1.5" Hole saw

## INSTALLATION TIME

Approximately 1.5 hours  
Easy/Medium Difficulty

## INSTALLATION INSTRUCTIONS

1. Before installing bumper, install the bash plate and logo backer to the base of the bumper with the supplied hardware, button head hardware, and nyloc nuts.
2. Remove the front fascia extensions and put to the side. If you want to reuse these we will explain the process later.
3. Remove the front two bolts from the bottom of the front differential and discard. Using the supplied M10 x 40mm hex bolts, lock washers and 3/4" long spacers install the base of the bumper in to the two open holes and tighten the hardware almost totally tight.

**Figure 1**



**Figure 2**



4. Using the supplied 5/16 x 7/8" socket head bolts and nyloc nuts, attach the rigid arms to the bumper tightly.
5. While fitting the arms to the bumper, also fit them up to the tubes on the chassis and use the supplied backing clamps and 5/16" socket head bolts and nyloc nuts to loosely fix the arms in position on the chassis.

**Figure 3**



6. After all the hardware is installed go over the entire bumper and make sure all the mounting hardware is tightened down.

*Note: This models installation requires a 1.5" hole saw cut be made in the front fascias "side wings" if you want to reuse them. You DO NOT have to use the side wings if you don't want to. However if you do, you need to get to the point of having the bumper fully installed. With the bumper installed, take a reference dimension from somewhere on the bumper to somewhere consistent on the front fascia. Next remove the rigid arms from the bumper assembly and prop up the bumper to the position it was when fully installed using your reference dimension. Then use the welded bungs on the bumpers radius' to transfer the diameter of the circle you'll drill from the center of.*

*Note: You do not HAVE to use a 1.5" hole saw. The tube diameter you're clearancing for is 1.25" diameter so anything larger will work.*

**Figure 4**



**Figure 5**



**Figure 6**



**Figure 7**



7. Once these holes are created simply reinstall the extensions then reinstall the rigid arms. Some additional clearing may be needed if the bumper was not properly propped up for marking.

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## **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](http://rtproutv.com/contact)



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