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## **XP1000 Rear Lower Gusset**

**Polaris XP1000 | 2014+**  
**Part #: 5501028/5501018**  
**Rev. 061218**

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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.



RTP5501018 (2014-2016 models)		
Part #	Description	QTY
A2052	Radius Rod Gusset Plate Assm. 14-16	1

RTP5501028 (2017-2018 models)		
Part #	Description	QTY
A2051	Radius Rod Gusset Plate Assm. 17-18	1

### FITMENT NOTES

RTP5501018 has 10mm holes for stock hardware in 2014-2016 models  
 RTP5501028 has 12mm holes for 2017-2018 models

### SPECIAL TOOLS

N/A

### INSTALLATION TIME

Approximately 1/2 hour  
 Easy Difficulty

## INSTALLATION INSTRUCTIONS

1. Park the vehicle on a clean level surface, ensure vehicle is shifted into park.
2. Lift the vehicle up using a floor jack so that the rear tires are approximately 1-2" off the ground and support using quality jack stands. Place the jackstands under the frame rails of the vehicle. Note: Placing the jack stands under the skid plate could cause the vehicle to slide off the jackstands. Instead, choose a location that cradles the frame rails. Once supported, ensure the vehicle is secure by pushing it back and forth slightly.
3. Remove top two bolts from stock radius rod plate. This may cause the top of the trailing arm to rock outwards.

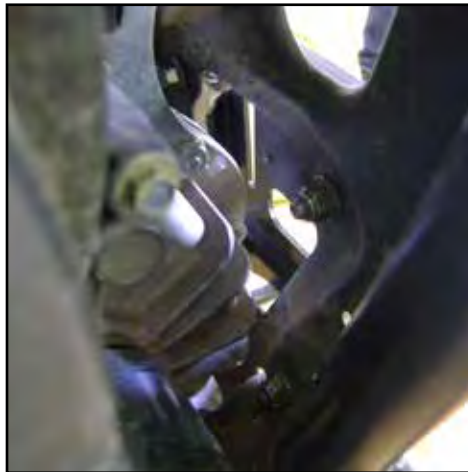
4. Remove two lower bolts from the radius rod while supporting the trailing arm. The trailing arm assembly may shift when the hardware is removed from the inner mount. See Figure 1.

**Figure 1**



5. Starting with the top mount of the gusset plate. Insert stock hardware through the gusset plate, radius rods and then into the frame. Loosely secure with nut on the front of the frame. See Figure 2.

**Figure 2**



6. Repeat Step 5 but with the lower two radius rods hardware. This process may require the outer trailing arm assembly to be shifted to help align the hardware with the frame.
7. Once all four bolts are installed through the gusset plate, radius rods, and frame, Tighten hardware to specified torque (45ft lbs for M10 hardware, 55 ft lbs for M12 hardware).

**Figure 3**



8. Lift vehicle using a floor jack, remove the jackstands, and lower the vehicle to the ground.

*NOTE: An access hole on the bottom of the radius rod gusset plate allows the user to access the rear differential plug. See Figure 4.*

**Figure 4**



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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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