



# ASSAULT

INDUSTRIES

## INSTALLATION INSTRUCTIONS

### RADIUS RODS // POLARIS RZR XP1000 // TURBO

**MUST REMOVE 1/4 INCH OF TRAILING ARM FOR INSTALLATION OF RADIUS RODS**



Fig. 1

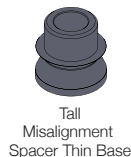
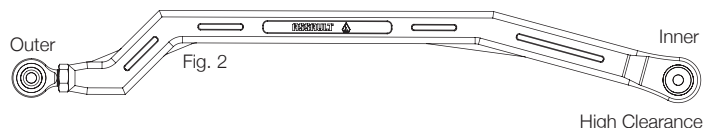


Fig. 3

13-17 Non-Turbo  
16 Turbo M10 (x4)  
2017 Turbo (4)



Fig. 4

13-17 Non-Turbo  
16 Turbo M10 (x8)



Fig. 5

2017 Turbo / XP 1000 (4)



Fig. 6

2017 Turbo / XP 1000 (4)

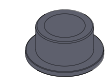


Fig. 7

2017 Turbo / XP 1000 M12 (8)

## FROM THE TOOLBOX

Socket / Ratchet Set  
Tape Measure  
Red Thread Locker  
Grinder / Metal File  
Touch Up Paint  
Jack / Stands / Chocks

## NEED ADDITIONAL HELP?

Check out our YouTube channel  
Call us: (714) 799-6711  
Monday - Friday: 8am-5pm  
Email: sales@assaultutv.com

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## IMPORTANT

**Assault Industries radius rods are developed for closed course race applications only, use outside of that environment is not recommended. Before each drive, inspect, clean and lubricate heim joints; Inspect and retorque all nuts and bolts as needed. Improperly torqued nuts and bolts can lead to serious damage or worse!**

Read instructions thoroughly prior to installation. Installation should be performed by a qualified professional.

## INSTALLATION

**NOTE:** There are two rod lengths - 2 long for the bottom and 2 short for the top. Once adjusted, hand tighten the nuts on the heims. It is easier to tighten the jam nuts on all rods at the last step. It is important that the lengths (heim center to heim center) are the same as OEM. It is recommended that thread exposure on both ends of the rod is the same. It is also important to keep the heims parallel to each other.

1. Properly secure the vehicle with wheel chocks and loosen the radius rod bolts. Removing rear wheels is not required, but will make the job easier.
2. Raise the rear of the vehicle until the wheels are off the ground. Add jack stands for safety.
3. Remove one OEM radius rod at a time from the vehicle. Use the OEM rod to adjust the length of the Assault Industries radius rod that will replace it on the vehicle.
4. After adjusting the Assault Industries radius rod to the correct length, install the tall misalignment spacer (fig. 3) goes in first, between the rod and the frame. The Delrin bushing (fig. 5) slips onto the fixed spacer (fig. 6) and installs between the inner rod and reinforcement plate.

For 2013-2017 non-turbo and 2016 turbo use the spindle spacer with tapered head (fig. 4) on the outer heims that mount on the wheel hub. For the 2017+ Turbo use the standard spindle spacer (fig. 7).

5. When installing the Assault Industries radius rods, use the opposite side as a reference on how to position the misalignment spacers.

6. The XP 1000 trailing arm will require minor modification (High clearance only) to properly fit the lower radius rod. Before installing the rods, use a file or grinder to remove approximately 1/4" of material from the outer edge as shown on figure 1. This will allow clearance for the lower rods to cycle without touching the trailing arm. Failure to do so could cause damage to the trailing arm.

7. Repeat the steps for the remaining radius rods. When everything is aligned, tighten the bolts and jam nuts to correct torque and use thread locker!



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