

FROM THE TOOLBOX

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

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!

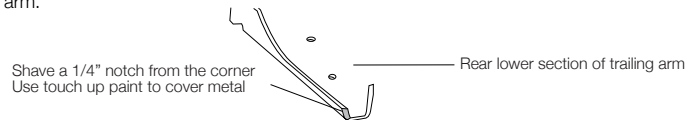
Read instructions thoroughly prior to installation. Installation should be performed by a qualified professional.

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.

2013-2017 Non-Turbo / 2016 Turbo

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 spacers (fig. 1) into the heim joints. There are 8 tall misalignment spacers (fig. 1) for the 2013-2017 Polaris RZR. The spindle spacers (fig. 4) should be installed on the outer heims and mount to the wheel hubs.
5. 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.



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

2017+ Turbo

1. Follow the above steps 1-3.
2. On the inner heim joints that attach to the chassis, install the short spacers with the thick base (fig. 2) on the outward facing side of the heim and the tall spacers (fig. 1) on the chassis side.
3. Install the spindle spacers (Fig. 3) on the outer heims and mount to the wheel hubs.
4. Follow the above steps 5-7.





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