

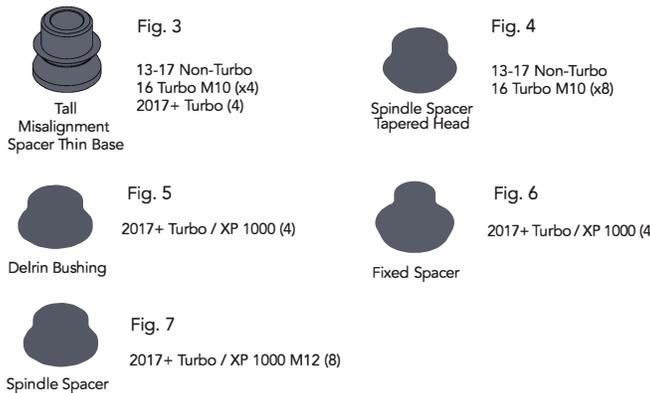
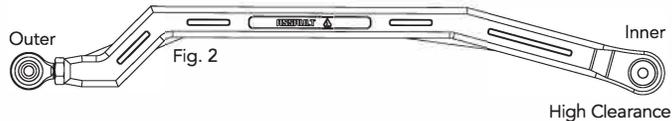


RADIUS RODS // POLARIS RZR XP1000 // TURBO

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



Fig. 1



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@assaulttv.com

LEAVE US FEEDBACK

Visit Assaultind.com and leave a review of your product purchase. We appreciate your opinion... even if you're wrong! :)

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 re-torque 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. **(UPPER RODS)** After adjusting the Assault Industries radius rod to the correct length, install the tall misalignment spacers (fig. 3) on both sides of the inside heims of the straight rods - there should be 4.

(LOWER RODS) The Delrin bushing (fig. 5) slips over the fixed spacer (fig. 6) and install on both sides of the lower rods on the inside.

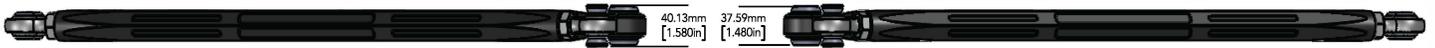
5. When installing the Assault Industries radius rods, use the opposite side as a reference on how to position the misalignment spacers.
6. The XP trailing arm will require minor modification to properly fit the lower radius rod. Before installing the rods, use a file or grinder to remove approximately 1/4" of material from the outer edge as shown on figure 1. This will allow clearance for the lower rods to fully articulate without touching the trailing arms. Failure to do so could cause damage to the trailing arm and/or rods.
7. Repeat the steps for the remaining radius rods. When everything is aligned, use thread locker to tighten the bolts and jam nuts!

See next page for visual



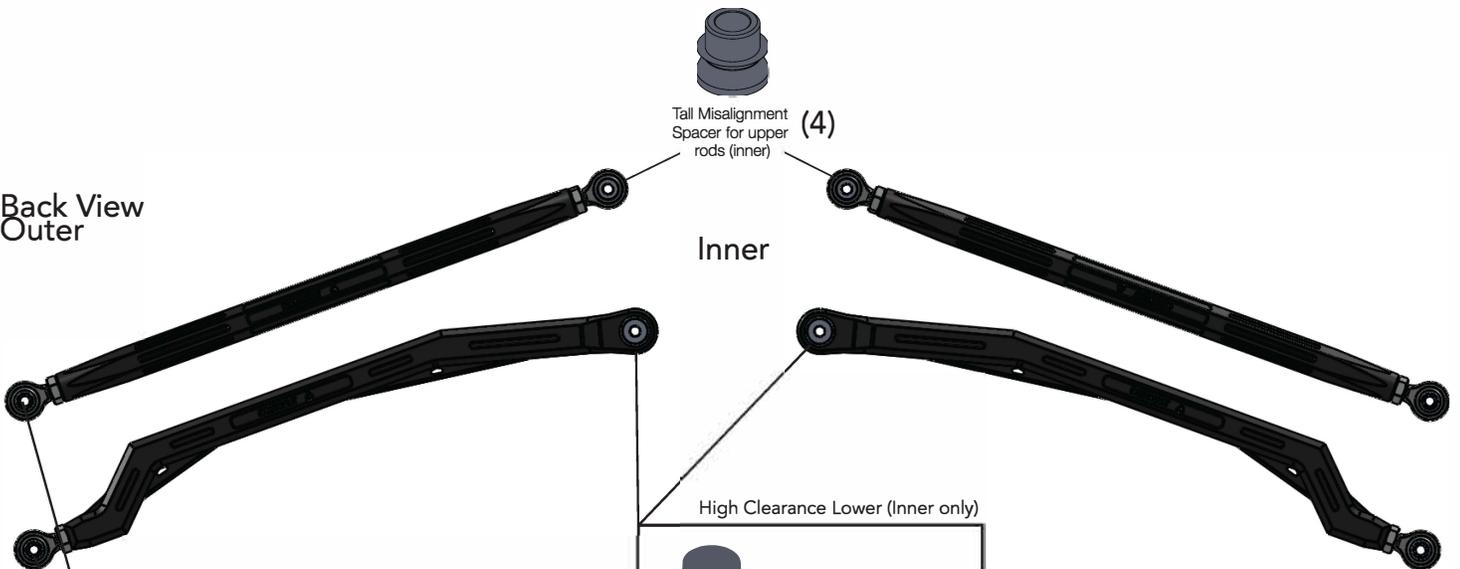
Top View
Outer

Inner



Back View
Outer

Inner



Tall Misalignment
Spacer for upper
rods (inner) (4)

High Clearance Lower (Inner only)

	2017+ Turbo / XP 1000 (4)
↑	
	2017+ Turbo / XP 1000 (4)

Delrin Bushing

Fixed Spacer

High Clearance/Straight (Outer only)

	2017+ Turbo / XP 1000 M12 (8)
	13-17 Non-Turbo 16 Turbo M10 (x8)

Spindle Spacer

Spindle Spacer
Tapered Head