



Viper/Python Barrel Vise Instructions



How to use your vise

Important!!

Always make sure firearms are not loaded prior to using this tool. Failure to do so could result in misfire and serious injury or death. Follow firearm manufacturer's guidelines or consult instruction of an expert for assembly/disassembly procedures. This instruction applies to Viper Bench Rest products ONLY. DO NOT interpret this instruction for any other type or brand of vise for any other purpose than what this tool has been designed for.

Where to mount your vise:

A mounting location that will not slide or tip, like a workbench, bench vise mount or a trailer hitch mount when in the field. A large or heavy workbench is the best location. This will help to keep the workbench from moving or tilting when torquing the barrel during removal or installation. On a small lightweight workbench, mount the vise considering the thread direction of the barrel. Greater force is required to remove barrels. For example, if the barrel is right-threaded, mount the barrel on the right-hand side to prevent the workbench from tipping when removing the barrel.

Vise Mount

This vise can be mounted in several ways:

1. It can be mounted close to an edge or corner of benchtop using 2 through bolts of $\frac{1}{2}$ " size and long enough to go through the tabletop with a nut and washer torqued to approximately 50 ft/lbs. to hold it securely! securely! Failure to do so could result in serious injury or death.
2. It can be mounted to the Viper Bench Vise mount using the $\frac{1}{2}$ -13 nuts and washers included in the Viper Bench Vise mount torqued to approximately 50 ft/lbs. Ensure the Viper Bench Vise mount is securely clamped in a bench vise large enough to hold it securely! Failure to do so could result in serious injury or death.



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3. It can be mounted to the Viper Hitch mount using the 1/2-13 nuts and washers included in the Viper Hitch mount torqued to approximately 50 ft/lbs. Ensure the Viper Hitch mount is securely installed in a 2inch pickup receiver hitch strong enough to hold it securely! Failure to do so could result in serious injury or death.
4. This prevents the vise from moving during barrel removal and causing accidental injury or damage to the firearm or you. Viper does NOT recommend using Clamps of any type to hold the vise in place! Failure to do so could result in serious injury or death.

Barrel removal/installation

1. All Viper Brand barrel vises work on a principle of full groove surface contact with the barrel.
2. Uneven barrels can sometimes be challenging and prevent proper gripping due to tapering or obtrusions such as sights or ribs. Be sure to select your clamping area carefully to ensure full contact in the vise. Tapered barrels (Sporter/Mountain rifle) or obtrusions such as sights or ribs can be challenging. You will have to find an area to clamp the barrel to have full surface contact.

Something to keep in mind:

3. This vise placed on the carbon fiber area of a rifle barrel WILL CRUSH the carbon fiber! Viper recommends using the Python Barrel Vise when working with carbon fiber barrels and only gripping the barrel next to the action on the 1.5 metal area!
4. Viper recommends using Viper wrap when removing a barrel that is of unknown torque or on barrels torqued of 50 ft/lbs. This will help to prevent slipping, removing powder coat or leaving marks on the barrel.
5. Consult the manufacturer's instructions for specific directions on assembling and disassembling barrels from action. Some may be different and require additional steps not included in this instruction.



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6. Tighten the hex nuts evenly, keeping vise top parallel with vise bottom until clamped finger tight. Tighten nuts evenly using a 3/4" socket or wrench while maintaining parallelism between vise top and bottom until barrel is firmly secure. Avoid overtightening! Overtightening may crush thinner barrels.
7. To remove barrel from vise, hold onto firearm/ barrel and loosen the hex nuts until barrel can be removed.
8. Installation:
9. Place the barrel into the vise as close to the action as possible, like above in the removal process. Tighten the nuts to prevent barrel from slipping during action installation. Use a Viper wrap or other material to wrap the barrel to prevent slippage and marks on the barrel finish.
10. Replacement parts are available at viperbenchrest.com