

HUMA-AIR.COM

Market Leader In Accuracy

Welcome to Huma-Air. We design and manufacture brand- and model specific precision regulators for PCP air rifles.

By using only the highest quality materials such as aircraft grade aluminum, aluminum-bronze, chrome-moly steel and precision belleville springs, our ultra-compact regulators are high performing with less than 1% fluctuation.

Airgun Technology Vixen Tuning Regulator By Huma-Air

HUMA-AIR



For adjustment tips, frequently asked questions and a complete list of installation manuals and instructions on how to adjust your Huma-Air regulator

<https://www.huma-air.com/Fitting-instructions>



Or go there directly by scanning the QR code

**Before you start, realize this:**

- Working on a high pressure rifle could potentially be harmful or lethal to you or bystanders if you do not know what you are doing.
- The pictures of the rifle parts in this manual are universal and meant as an example to explain the working principle. They might not be equal to the parts in your rifle.
- Do not attempt to install this regulator yourself if you do not have a clear understanding of how these PCP rifles and regulators work.
- Do not attempt to install this regulator if you are not skilled to work on an air rifle; contact your local gunsmith to do the fitting.
- Installation and operation is done completely at your own risk.
- Installing this regulator might void your rifle's factory warranty.
- Your rifle may never be filled higher in pressure as stated in your rifle's manual.
- Do not attempt to fit this regulator in another rifle as mentioned in our order conformation.
- These regulators are not suitable to use as a CO2 to HPA conversion, this could potentially be harmful or lethal to you or bystanders.
- We cannot be held liable for any accidents in relation to this regulator and its installation.

Before you start, make sure that the rifle is unloaded, remove the magazine and make absolutely sure ALL the air is drained from the pressure tube. If there is a pressure gauge, it will give you just an indication. Dry fire the rifle or follow the manufactures instructions and double check to make sure all the air is out of the rifle

If the regulator is fitted and there is no output pressure after filling the pressure tube, something might be wrong causing the airflow to block totally.



Please beware even though there is no output pressure, the pressure tube is fully charged with high pressure air!!

If you are not able to relieve the pressure of the pressure tube according to the manufacture instructions or by dry firing the rifle then:

Contact a professional gunsmith to retrieve a solution!

- **DO NOT try to unscrew or to open the pressure tube in any way.**
- **DO NOT try to pierce/drill or to use force to open the pressure tube or unscrew parts in an attempt to relieve the blocked pressure.**
- **These actions can cause serious injury or death to you or bystanders**

Before you start, we would like to advice you to read our manual how to [read and adjust the regulator pressure](#) and our [General Adjustment Tips](#) to set up your rifle perfect.

Installing the Vixen regulator is just a matter of swapping the factory regulator for the HuMa-Air tuning regulator



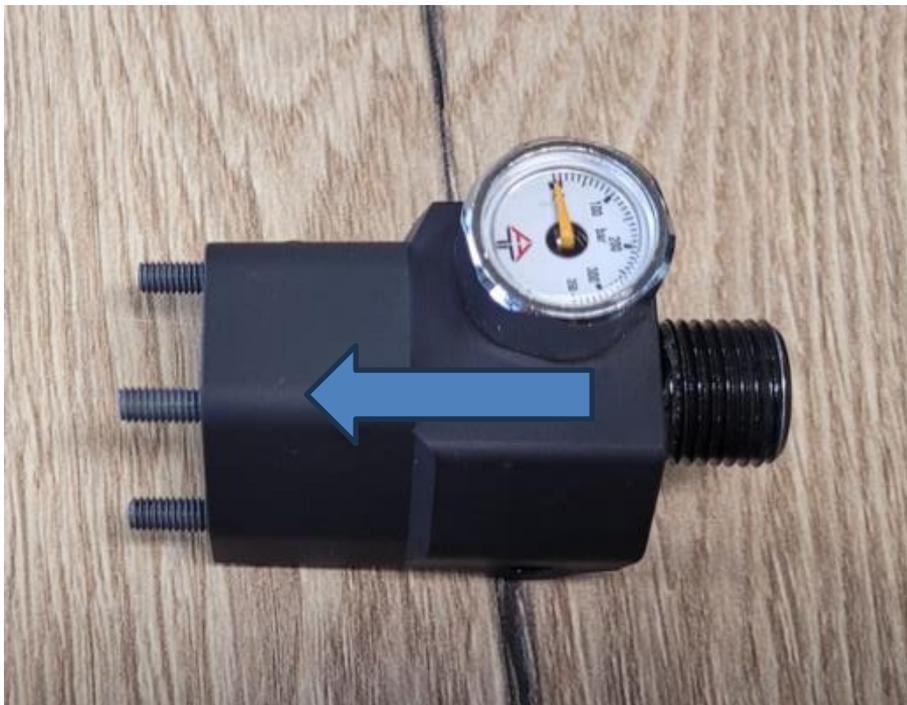
Drain the pressure tube so the rifle is totally empty by turning the above shown screw counter clockwise, using a 2mm hex key, until you hear it hissing. After it stops draining check the gauge to ensure it is completely empty. And maybe dryfire to make sure it is completely empty.



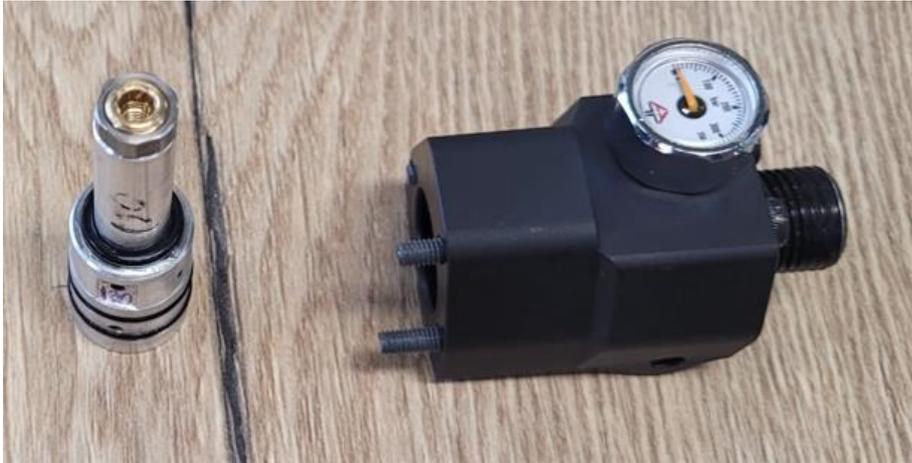
Now unscrew the bottle to reveal the screws holding the regulator holder in place.



Unscrew the screws in steps using a 3mm allen key, and make note of the torque required to unscrew them to give you a feel how hard they need to be tightened afterwards. When unscrewing first undo all 3 only a little in a crosswise pattern. Repeat the steps until all 3 are loose.



Push out the regulator in the direction shown above.



Your regulator will look like this.



Take your regulator and set it to your desired setting

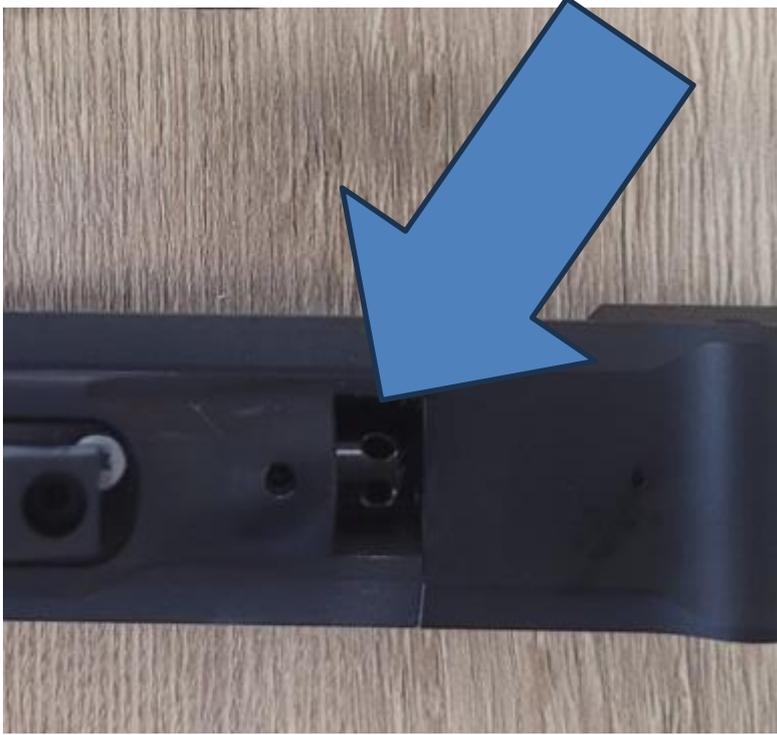


Transfer the oring that is on the small diameter part to our regulator. This will keep tension on the regulator while assembled and push it back into the regulator adaptor block.

Now reassemble the gun in reverse order. And charge it, again.



You might need to adjust hammer spring tension. To reveal the adjuster the grip needs to be taken off. To do this you will need to unscrew the M6 screw inside the grip using a 5mm hex key.



The adjuster can be found under the grip. Adjust according to [these](#) instructions.

Enjoy your HuMa-Air regulated airgun.