

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.

Regulator installation guide FX Wildcat & Streamline and optional Power Plenum XL



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 used 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 confirmation.
- 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 manufacturer's 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 manufacturer's 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 advise you to read our manual how to [read and adjust the regulator pressure](#) and our [General Adjustment Tips](#) to set up your rifle perfect.

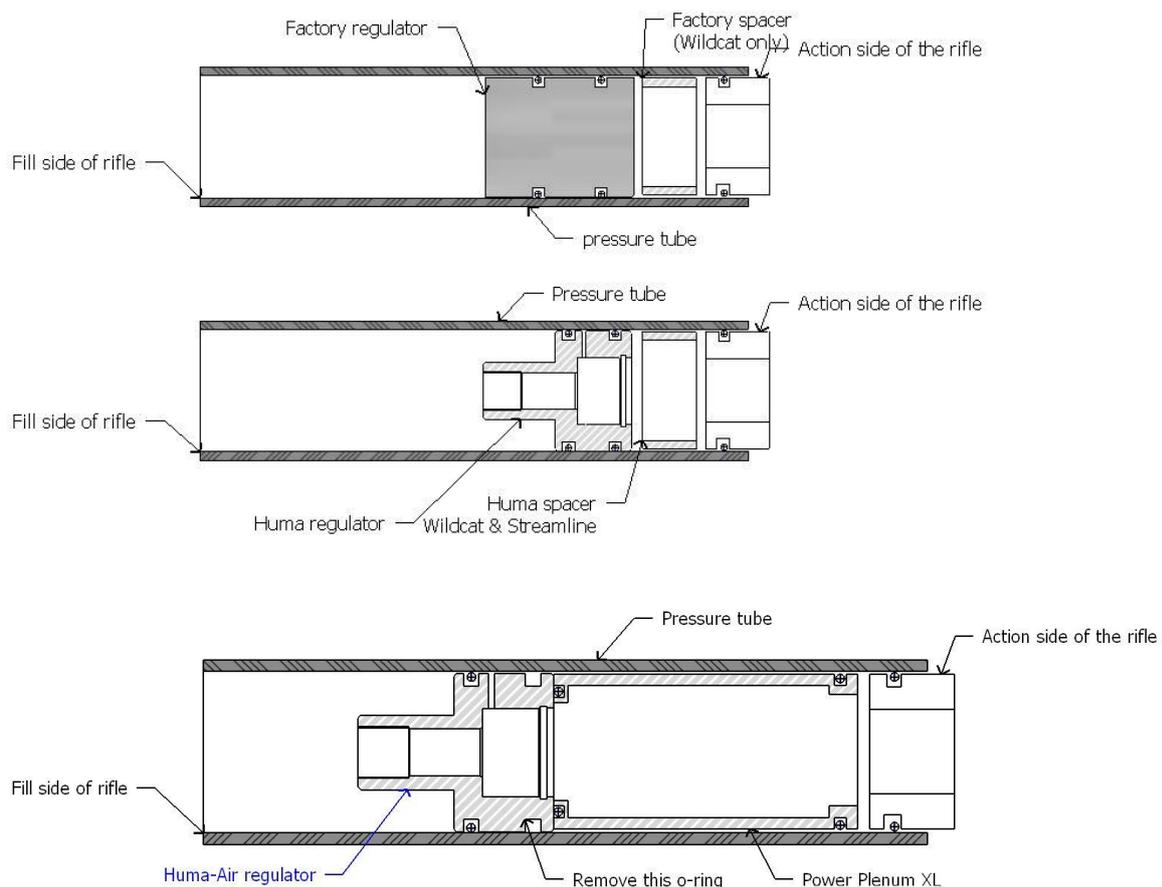
Remove the action from the stock.

Drain the pressure bottle/tube so the rifle is totally empty.

Now mark the upper side of the tube straight above the barrel.

After this unscrew the pressure tube from the action.

You can now unscrew the endcap and remove the factory regulator and aluminium spacer (Wildcat only) See picture below and the fitting schedule for the Tuning regulator with standard plenum or the Regulator with Power Plenum XL schedule.



Check if the regulator is fully clean and free of dirt. If not, clean it and apply some silicone grease on the walls of the pressure tube. Then slide the new regulator into the pressure tube, facing the label side to the barrel end.

Please note; the regulator has a tiny 1 mm hole in the body. This hole needs to point towards the mark you made on the pressure tube, facing upwards to the barrel

Now slide in the Huma-Air aluminum spacer or the Power Plenum XL , this will hold the reg at the correct position in the tube.

After this screw the tube adapter back and you can assemble the rifle back again and fill it slowly. If you like you can stick the “Huma-Air Regulated” sticker on the action.

If you are having troubles getting your rifle up to speed, please check this very handy link. It is a link to a trouble shoot guide. <https://www.airgunnation.com/topic/huma-regulators-vs-fx-regulators-for-wildcat-streamline/page/9/#post-302477>