

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 Guideline Huma-Air FX Panthera dual bottle adapter set

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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 guideline can be 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. Follow the manufactures instructions for depressurizing 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**

This kit was designed to offer a safe way to mount Bottles on the front of the Panthera. We feel an extra support is required due to the small thread engagement in the action. The support also helps to make an aestically pleasing finished rifle!

First start of by draining all air from the rifle by removing the back bottle and then fire one or two shots. After you checked that the complete rifle is draied of air you can start the installation



All you need for the installation except for the tools is equiped in the kit.

First thing to do is demove the Arcaswiss rail that runs along the barrel.

First remove the two M5 screws that hold the barricade stop to the rail using a 4mm hexkey; followed by the 2 M4 screws that hold the stop to the dynamic block using a 3mm hexkey



Lay the barricade stop aside.

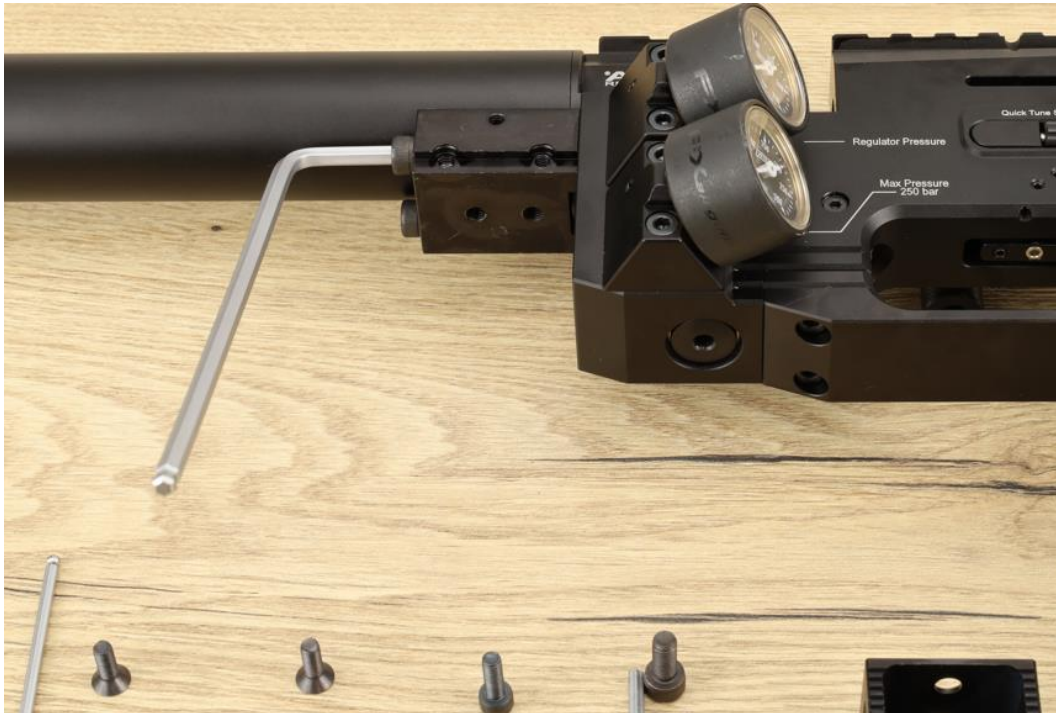


Now remove the 6 M4 countersunk screws on either side of the rail using a 2,5mm hexkey



After these have been removed you can slide of the complete rail assembly from the front.

Now remove the 2 long M5 screws that hold the support block to the Dynamic block using a 4mm Hexkey



This will now reveal 2 brass plugs. Remove the bottom one from the Dynamic Block. Check if the oring is in good condition.



Screw in the bottle adapter in the hole. Use a little silicone grease on the nose of the adapter to help seat the oring again.



Tightly secure the adapter using a 15mm hexwrench



Put a small dab of antiseize on the cylindrical part of the adapter where our support plate will slide onto.



Now you can slide the support plate over the adapter and screw in the supplied M4 and M5 screws with 3mm and 4mm hexkey accordingly.



Screw them in loosely at 4 before tightening them



Once they are all screwed in they can be tightened.

Now you can install the bottles again. Make sure that both bottles need to be screwed in at the same rate so they will open at about the same moment. Once that is finished you can use your forster as normal. When removing the bottles use the same procedure and unscrew them at the same rate.

Now it's time to enjoy you dual bottle Panthera.

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