



*Market Leader In Accuracy*

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

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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.

**General regulator installation guide**

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 rifleparts in this manual are universal and mend 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/bottle 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.

## General regulator fitting guideline

**Before you start, read the full manual.**

**This manual is an universal guideline and can be different in detail compared to your rifle.**

### **Important Safety Notes:**

- Do not exceed the factory advised fill pressure of your rifle.
- These regulators are not suitable for a CO2 to HPA conversion, because they do not have a safety burst disk.
- This regulator has to be used as a replacement regulator for the factory regulator.

## Fitting of the regulator

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. Also make sure the firing valve or plenum behind the factory regulator is free of pressure.

- Now you can unscrew your pressure tube and the factory regulator will be visible.
- Unscrew the factory regulator and replace it for the Huma-Air regulator.
- Then screw the pressure tube back on the rifle.
- Now you can fill your rifle following the steps below:

Just apply a bit of air (less as 50 bar) and check if the pressure gauge of the regulator will react. And check if the firing valve will pass the air when you dry fire the rifle. When it does you can fill your rifle up to the factory advice fill pressure.

When the original rifle's pressure gauge is fitted behind the pressure regulator the gauge will show the regulated pressure.

Now you can start adjusting your rifle and finding the balance between regulator set pressure and hammer spring setup. On our website there is a manual "how to set up a regulated rifle" with tips and advices how start.

When setting up the rifle over the chrony, please shoot slowly like you are on the range keeping some time in between shots.

Any comments or tips about this manual are very welcome to make things easier.