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 Airmaks Katran C/CB

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 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 airrifle; 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**

Please read our "General adjustment tips" and "How to adjust the regulator pressure properly" It will help you getting the best performance in the tuning process.

1. Make sure your pressure tube or bottle is totally empty

2. The Airmaks Katran cylinder or bottle is hold in the actions by means of 3 bolts on the bottom side of the action.

- In the handguard part, a countersunk bolt is located. Unscrew this with an allen key.
- Directly under this screw, in the same hole, a pointed grubscrew is placed, also unscrew this grubscrew.
- On the left side of this bolt hole, there is an grubscrew located in the action of the rifle. Also unscrew this bolt and the total airtube will now be release can be pulled out of the handguard.

3. Now you can unscrew the aluminum valvehouse out of the tube part and pull out the regulator of the valve house.
Sometimes the regulator is stuck in the pressure tube part, then it can be pulled out by means of an M4 bolt in the back of the regulator brass piston. See pics below

(Katran BC model)

(Katran C model)

4. You can now remove the factory regulator and replace it for the Huma-Air Tuning regulator. Push the regulator into the valve house and screw the valve house back in the pressure tube part

5.Now push the pressure tube with valve house back into the action, making sure the centration hole (marked with the red arrow) faces up, towards the hole of the pointed grubscrew.

When you push the tube into the action, you can feel the tube is pushed back a few millimeters due to the valve return spring. Make sure you push it in until the end.

Make sure the centration hole in the valve house and the pointed grubscrew are aligned correctly towards each other, By moving the tube slightly back and forwards you can feel when the point of the screw will fall into the hole of the valvehouse. If you can feel the position is correct you can tighten the grub screw.

After that you can cover this screw hole with the counter sunk screw.

Then screw the larger allen bolt into the other screw hole in the action. This bolt will thighten the valve house.

6. Assemble the rifle back again. And you can start shooting.

Some fine adjustment might be needed to find the perfect balance again in regulator output pressure and hammer spring tension.

Enjoy shooting!