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.

Huma-Air Regulator installation guide compatible with BSA R10

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**

HUMA-AIR.COM

BSA R-10 HuMa regulator fitting guides/instructions. Please watch the videos in the links below and see if you think you are able to fit the regulator, if you are happy then proceed, if not seek the advice of a professional. The fitting instructions at this stage is the video linked to below, which does not cover AT removal or power adjustment (they are covered in the links below)
https://www.youtube.com/watch?v=Zv0UulwhLhg

16 Joule versions can be equipped with an anti-tamper cap. There is a good chance that all you will need to do is swap over the regulator as per the video in link 1. If you find the power is too high/low you will need to adjust the power, which involves removing the trigger mechanism and bolt as per link number 4 below. If your power has been adjusted in the past then chances are your power adjuster cap is already loose and should just unscrew, which is a simple job. There are 3 regulator AT removal videos: Most simple method https://www.youtube.com/watch?v=TYrwIjYus_Y Dremel method https://www.youtube.com/watch?v=GbeLpVXNxsg Hacksaw method https://www.youtube.com/watch?v=sUfVuGoFHho Export/FAC models don't normally have an anti-tamper cap on the regulator, so ignore these videos. Simply remove the regulator as per video 1. Trigger guard AT removal and power adjustment: Trigger guard AT removal http://youtu.be/tv-Ca5vh3fA Power adjuster AT removal http://youtu.be/d7S0CztA1_s Power adjustment https://www.youtube.com/watch?v=yNQ-38UQR_k Export/FAC models don't normally have a glued on cap, so ignore the part of the video that covers removing the trigger guard. Simply remove the back cap and adjust it as necessary. Chrono your rifle after fitting the regulator to make sure it is legal in your country. If the power needs to be adjusted then follow the power adjustment video linked to above. You may find the regulator will settle down/bed in after a 50-60 shots so it is worth chronoing it again to make sure it has not crept up or down after it has had a chance to run in. You can fill to 232bar (the maximum safe working pressure of the standard buddy bottle). If your rifle has not been used for a long time it would be a good idea to dry fire a couple of shots to cycle the regulator before shooting a live quarry or targets. Please do not open the regulator because it may be under pressure and it could cause you serious injury. If you need to make regulator pressure adjustments please contact me for details. There are 3 pressure ranges, depending on the spring size and stack: Low pressure – 56-75 bar - most of the sub 12ftlbs rifles, Medium pressure – 77-102 bar - to suit the rifles with short barrels and some target rifles, High pressure – 110-150 bar - for FAC/ Export rifles.