



## Huma-Air regulator pressure adjustment

For Daystate HR Huntsman Regal, Renegade HR  
Brocock Compatto Sniper HR & Commander incl.  
Patagonia and Magnum

**HUMA-AIR**



Daystate & Brocock have selected Huma-Air regulators for their air rifles. Huma-Air regulators are designed to be adjustable, but care must be taken not only not to damage the delicate components inside the regulator but also to respect the other components such as transfer port size, hammer weight and tension that work in conjunction with the regulator

Before you start;

- Working on a high pressure rifle could potentially be harmful or lethal if you do not know what you are doing.
- Do not attempt to modify or adjust any regulator yourself if you do not have a clear understanding of how pcp rifles and regulators work.
- Do not attempt to adjust a regulator if you are not skilled to work on an air rifle; if in doubt contact your local gunsmith.
- Adjustment is done completely at your own risk and will void your rifle's factory warranty.

- Your rifle may never be filled higher in pressure as stated in your rifle's manual.
- We cannot be held liable for any accidents in relation to this regulator and its installation.

## SAFETY

- Failure to follow these actions can cause serious injury or death.
- Make sure that the rifle is unloaded.
- Remove the magazine
- Remove ALL the air from the pressure tube. If there is a pressure gauge, it will give you an indication. Dry fire the rifle to make sure all the air is out of the rifle.
- 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.
- If in doubt contact a qualified airgunsmith!

## How to adjust the regulator pressure

- Huma-Air regulators are equipped with a pressure scale on the regulator body and a very fine set mark on the side of the bronze setscrew in between the two slots This will give you the chance to re-adjust or fine tune your regulator exactly to your wishes.
- Decrease the pressure: turn the setscrew clockwise to the pressure you desire. Never turn the setscrew past the lowest or highest mark on the scale.
- Increase the pressure: this is slightly different; turn the setscrew anti-clockwise until you are about 10 bar ABOVE the pressure you want, then turn the setscrew back (clockwise) to the pressure you want. (This is necessary to eliminate the movement in the treads) Never turn the setscrew mark past the lowest or highest pressure mark on the scale. Example:

*example:* The reg is set on 130 bar and you would like to increase it to say 140 bar. First turn the setscrew anticlockwise to 150 bar, then turn clockwise back to the 140 bar you were aiming for.

Note: Inside the bronze setscrew is a m3 allen screw. It works as a flow restrictor and prevents dirt to come into the regulator. It's turned in until the end, then screw 2 turns backwards.

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