

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>

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.

I have made 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.

If you have any trouble fitting your regulator please feel free to get in touch via email:

xtxair@gmail.com