Knee Riser

Position the locking screw so that it allows the knee riser to slide on your rail, once in position lock the rail locking screw in place.

Features
The knee riser is fitted with a ball notch design to help with the weight of modern day target rifles. These notches will be felt when moving the mechanism and it is best to find the nearest notch before locking the cam back in place.

Positioning
Pull the locking cam outwards to relax the tension and allow the mechanism to move freely, adjust the mechanism to the required position and lock the cam back in place. If the mechanism moves after being locked in place it might be in between ball notches, slightly move the mechanism to find the nearest suitable location.

Adjustment
You may need to adjust the tension cam. To do this pull the locking cam outwards and rotate the cam locking tension screw, enough tension is required to lock the mechanism in place, if too much tension is given then the cam will not be allowed to move back to its original locking position. You also have an adjustment located on the side, at one end is where the ball lock up is located, this can be adjusted inwards to prevent any slight movement felt on the joints when locked down, if adjusted too far the mechanism will no longer clamp flat but a gap will be seen between the joint pivot and support. At the other end are two travel stop pins to help protect both the mechanism and your rifle, however if you feel that the stop pins are not suitable and are restricting movement then they can be removed. To do this unscrew the cam locking tension screw completely and slide one of the main supports from the two pivot joints, the stop pin can now be removed by winding in and removing the set screw that pushes on it. The second pin will be at the opposite end of the second main support.

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