

V-Mach Custom Rifles Limited

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Precision Trigger Blade Adjustment Instructions

Disclaimer

Thank you for purchasing one of our custom Precision Trigger Blades.

The Precision Trigger Blade can only be fitted to the Rekord trigger unit within our workshop facilities. It is preferable to fit and test the modified trigger in the rifle for which it is intended.

The modification of a separate trigger unit, supplied either by the customer or new from ourselves, is carried out and tested in a donor action for safe and reliable function. Please note that trigger unit settings can vary from those obtained from this donor action to the action intended for use. This is due to manufacturing differences and potential faults relating to the trigger's housing or safety catch.

The trigger unit supplied has been assessed for safe and reliable function prior to modification.

We recommend that, if possible, the adjustment of the Precision Trigger Blade is carried out by a competent gunsmith. We do not accept any responsibility for personal injury or rifle damage incurred whilst making adjustments to or as a result of making any adjustments to this unit.

If you experience any difficulties in fitting or adjusting the unit, please contact us immediately.

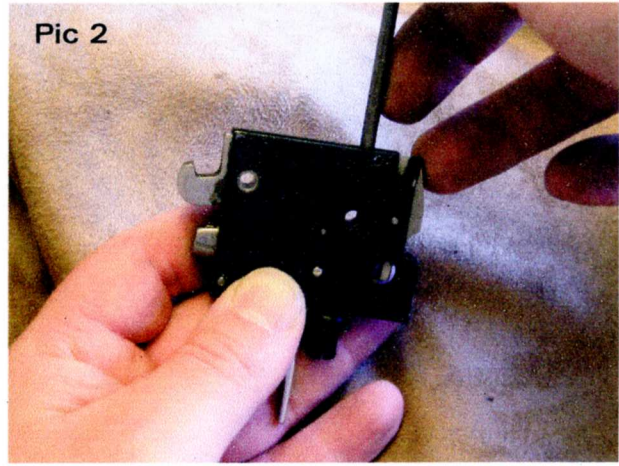
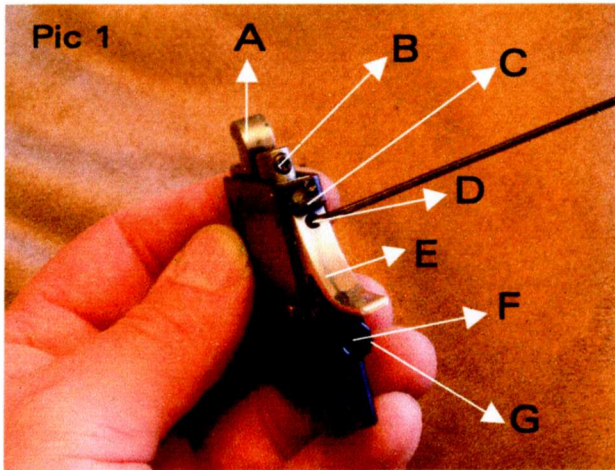
Pre-Fitting/Adjustment Checks

- Please read the adjustment instructions and disclaimer thoroughly.
- Ensure that the rifle is unloaded.

Adjustment

In most cases the unit will only require minor adjustment, if any at all, when fitted to the original rifle's trigger housing block.

The procedure followed in our workshop for setting and adjusting the Precision Trigger Blade is as follows:-



Picture 1

A: Main trigger sear.

B: Sear engagement screw. Later models have a torque screw head, earlier models have an allen key or slotted head.

C: Forward trigger stop. This forms part of the trigger cage and should not need any additional adjustment.

D: First stage travel adjustment screw. Note: The visible grub screw is a locking screw only. Any required adjustment can be made by altering the grub screw beneath the locking screw. A 1.5mm allen key is required.

E: Trigger blade.

F: Trigger weight adjustment screw. A 3mm allen key is required.

G: Locking collar for trigger weight adjustment screw. This locking collar can be made to serve as an over-travel adjustment stop. Slotted for screwdriver.

Picture 2

The trigger unit should be checked for function by refitting it into the housing, with the safety catch assembled. It is easier to manually cock the trigger mechanism as shown. Press down the main sear until it engages with the interlocking sears. Take care not to accidentally release again by touching the trigger blade.

Ensure that the retaining pins are not bruised or damaged at the ends as this can make fitting difficult. It can also damage the bushes in the trigger cage and in turn create excess movement if driven through with excessive force. Grind a small lead on one end of each pin and check alignment before attempting to tap pins in place.

