



Rowan Engineering

Adjustable Trigger for Theoben Mk4

Triggers

Thank you for your purchase. Please read these fitting instructions before attempting to install the trigger.

Your kit should contain -

1 off Trigger assembly

1 off 2mm allen key (short)

1 off 1.5mm allen key

Safety first.

Observe safe practices when handling your rifle and follow the manufacturers safety instructions when doing so. Check the rifle is not loaded and is de-cocked when fitting the trigger on your rifle.

Installation.

Remove the action from the stock. Photo 1

Identify the trigger block locating dowels and carefully drift out with a pin punch. Photo 2

Remove the trigger block from the action. Photo 3

Remove the 4 x countersunk screws holding the cover plate. Remove the plate taking care to keep the pivot pins pressed in to the main block. Photo 4

Remove trigger blade pivot pin and washers. Note the flat washer on top and the stepped washer on the under side. Photo 5

Initially set the grub screws in the adjustable trigger as close to the positions set in the original blade.

Fit the adjustable trigger on to the pin with the washers on the correct sides. Photo 6 and fit in to the trigger block Photo 7.

Replace the cover plate with its 4 retaining screws Photo 8.

Replace the block in to the action carefully aligning the dowel pins. Photo 9

Setting the 1st and 2nd stage screws.

Please first, read your rifle manual supplied by the manufacturer.

Take notice of all safety precautions and recommendations.

If you are not absolutely sure that you have the skill so that the trigger upgrade can be performed safely, please take your rifle to a local gun dealer to have this done by an experienced gunsmith.

To adjust the trigger, it is necessary to cock, load and fire the rifle after each adjustment. A pellet should NOT be loaded. However, it is IMPERATIVE that this is done in a safe environment so that no one or no thing other than a suitable back stop can be hit by a pellet inadvertently loaded into the gun.

The first stage adjustment screw is nearest the pivot point

The second stage adjustment screw is furthest from the pivot.

When adjusted to satisfaction, check the 1st stage grub screw security – apply thread lock if required. The second stage has a nylon grip plug which does not require thread lock.

When re-fitting the action back into the stock, check the wood inletting clears the rear of the trigger mount – make adjustment to the wood inletting as required.

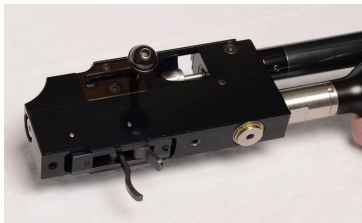


Photo 1

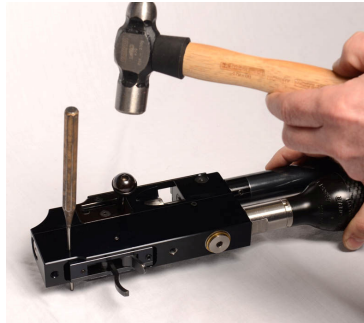


Photo 2

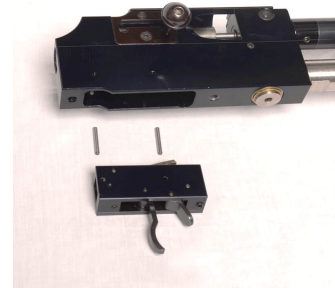


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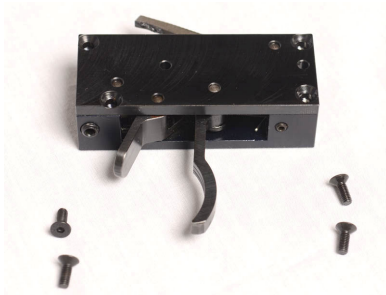


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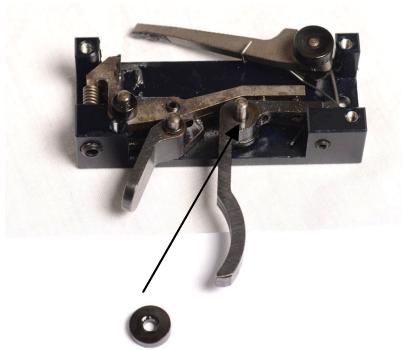


Photo 5



Photo 6

Stepped washer

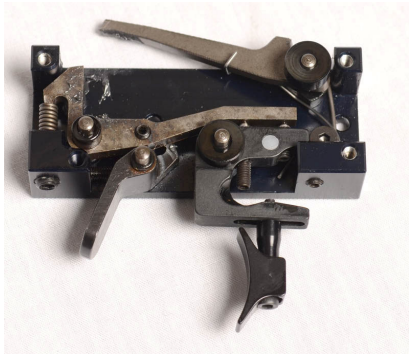


Photo 7

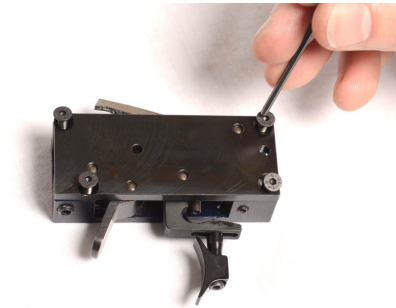


Photo 8

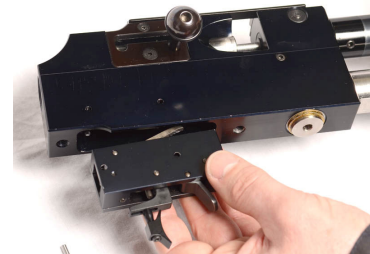


Photo 9