



Rowan Engineering

Adjustable Trigger for Walther LGU and LGV rifles

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

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, 2 by slackening both trigger guard bolts and the two bolts at the front of the stock.

Carefully remove the trigger guard, photo 3 and then lift the action from the stock, photo 4.

Identify the trigger block locating dowels and carefully push out the large pin first using a flat ended tool or drift with a pin punch. Photo 5
Insert an allen key through the hole, photo 6, and while applying hand pressure to the rear of the action (to take up the spring pressure) push out the small pin.

Once both pins have been removed, while applying hand pressure to the rear of the action, pull out the allen key from the large pin location.

Remove the trigger block from the action, leaving the main spring in the gun Photo 7.

Remove the 2 x countersunk screws holding the two halves of the trigger block. Photo 8, 9.

Remove the plate taking care to keep the pivot pins pressed in to the lower half and that the trigger tension grub screw does not spring and get lost. Photo 10.

Take care to keep the thin shim washers while removing the old trigger Photo 11.

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

blade by overlaying the old and new Rowan trigger. Photo 12

Fit the new adjustable trigger on to the pin with the thin shim washers on the each sides and fit in to the trigger block and refit the small front spring. Photo 13.

If necessary, reposition the two nuts, rear trigger tension spring and safety-catch. Photo 14.

Replace the cover plate with its 2 retaining screws. Before tightening, refit the trigger tension grub screw Photo 15.

Replace the block in to the action carefully aligning the dowel pins. Photo 16.

Refit the trigger guard and two front bolts.

Fit the trigger blade to the post, slide onto the trigger mount and gently tighten.

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 experience gunsmith.

To adjust the trigger, it is necessary to cock, load and fire the rifle after each adjustment. A pellet SHOULD be loaded and therefore 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.

When adjusted to satisfaction, check the grub screw security – . Both the first and second stage grub screws should be ‘stiff’ as they have a nylon grip plug which does not require thread lock.

The grub screw at the very front of the trigger allows some adjustment for the initial start position. If this adjustment is set too far back, the gun may not cock, in which case, set the adjustment further forward until the gun cocks or re set the first and second stage grub screws again. Check the security of this grub screw and re-apply loctite if required.



Photo 1



Photo2



Photo 3



Photo 4



Photo 5



Photo 6



Photo 7



Photo8



Photo 9

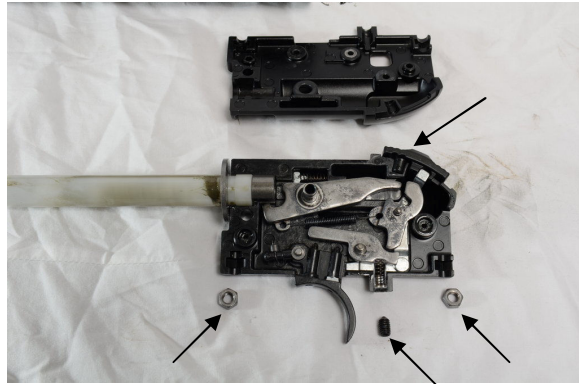


Photo 10



Photo 11



Photo 12.

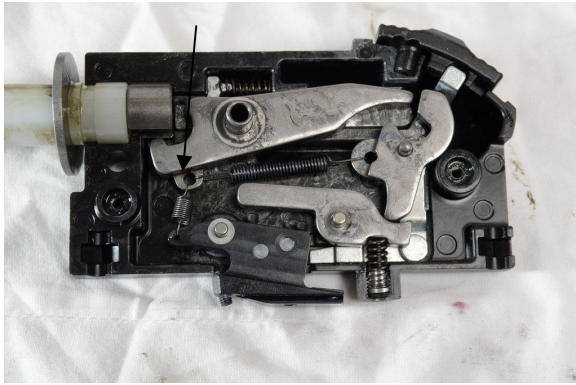


Photo 13

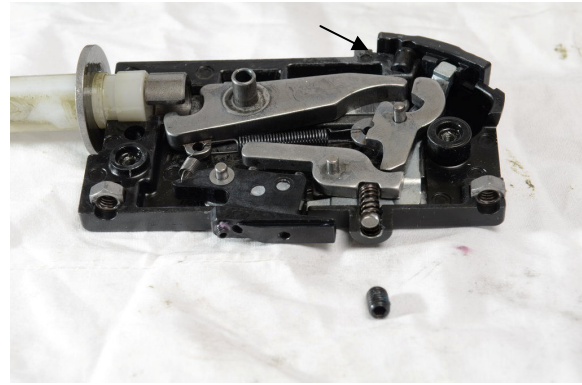


Photo 14.



Photo 15



Photo 16.