

**GRT-4G Trigger Trouble Shooting Guide
and
Trigger Adjusting
1/08/11- Revised 2/13/11**

GRT-4G trigger information

If you need to push the trigger ahead to reset the trigger after you fire the gun then something is wrong. There is resistance somewhere. Be sure that the bear trap tab that sets in the side of the trigger is set down inside the recess for it. It needs to be pretty flush and may need to be tapped down so that it does not rub against the cover once the plastic cover is screwed into place.

Also, be sure that the fat pin is not rubbing against the plastic slot that it rides in. There has been a couple of instances where the plastic edge needed to be filed back just a little for clearance so that the fat pin does not rub against it.

One other point. There has been a few instances where the trigger pivot pin hole in the bear trap tab and the GRT-4G do not quite line up and the bear trap tab hole is offset very slightly after the tab has been tapped into place. This can cause the trigger to want to hang up and not return, especially when the cover is installed and tightened down.

If this does happen, just take a small file and open the hole on the bear trap tab just a little until there is no longer interference and the pin is free. Also, you can slightly file the outside edges of the bear trap tab for a little better fit.

The above are because of tolerance (or lack of) differences of molded and stamped out factory parts and not a fault of the GRT-4G trigger blade.

GRT-4G trigger adjustment

The GRT-4G trigger has been pre-adjusted using micrometers prior to shipping and should need little if any adjusting for the normal shooter. Keep in mind that if any adjustments in either direction are made they must be in very very small increments or you will have the trigger outside of the adjustment span and can be very hard to reset and find. This especially applies to the slotted screw.

Setting up the initial adjustments is best done with the gun out of the stock and the trigger block out of the action.

With the trigger block out of the gun and on the bench with the plastic cover removed.

Remove the GRT-4G trigger from the trigger block. Looking at the threads showing on the screw on the opposite end of the slot, there should be approx. 1/32 of an inch of threads showing. Adjust it to that point so that it close.

The little Allen screw should be adjusted about the same or a little less.

Now reassemble the trigger and reinstall the cover.

Checking the first stage:

First, check to see whether or not the safety switch when applied blocks the trigger. Adjust the little Allen screw in a little at a time to a point where the trigger safety will not engage. Now back it out slightly to a point where the trigger safety will engage.

That is all there is to adjusting the first stage.

Note: You can adjust the first stage to a shorter travel (creep) by adjusting the Allen screw in further but you will lose the safety. This is not suggested or recommended.

Checking the second stage:

Now check to see when you move the trigger back and forth if you feel the second stage bump. If not, back the screw out in very small increments to to one turn checking as you go to feel for the slight bump where it comes in contact with the second stage. If you do not feel it, turn the screw back to where you started and go in the opposite direction doing the same thing. In that span you should find the second stage.

Keep in mind that the trigger pull weight will be heavier and the bump feel much lighter when it is actually under a load and may even need to be readjusted once installed. The feel will be totally different and to be expected.

Reassemble your gun and make final adjustments if necessary.

Also, see the installation instructions that came with your confirmation.

CDT