Crosman Titan GP Trigger

By Charlie 8/12/11

NOTE: This fix could also apply to the Benjamin Trail NP-XL with a very short pull or hair trigger.

I have become aware of the issue lately and it's not the fault of the GRT-III trigger but a change in the manufacturing production. Darn Chinese parts...

I've come to realize that some of the Titan GP's are now using an intermediate lever that does not have a detent/notch in it so the second stage is very hard to feel even though you can feel it in the trigger when the gun is not cocked. In that case, it would be normal. It may become more apparent as it wears in.

Also, there has been a question regarding the Titan hair trigger and we know the problem exists in a few of the Crosman Titans as well as a few of the Benji Trail NP-XL guns. This is caused by one of two reasons.

Reason 1. It seems as though Benjamin is now using a little different intermediate lever in some of their triggers (Chinese made) in some of the Titans GP's. Some of the levers no longer have the recess or notch that the fat pin normally sets in in most of the Theoben/Gamo and clone triggers. That causes the intermediate lever to be depressed more than where it would normally set and causes it to be closer to sear let off.

Reason 2. Some of the newer intermediate levers made are not stamped quite as wide as others so the fat pin sets lower and they work with no problem. However, some are stamped a little wider causing the intermediate lever to be depressed more and the wider it is, the closer it is to sear let off.

I made a suggestion to some of the guys to mark where the fat pin comes in contact with the intermediate lever and then file a small indentation about 1/16 inch or so deep at that point for the fat pin to set in using a Dremel Tool or a round file. A simple fix and it did resolve the problem and may also increase the second stage feel.

…WARNING…

WHEN WORKING ON YOUR TRIGGER, DO NOT REMOVE… I REPEAT… DO NOT REMOVE ANY PINS OTHER THAN THE TRIGGER PIVOT PIN.

Below are two pics of the Theoben/Gamo trigger module. Your intermediate lever will not look like the ones in the pictures. If they did, there wouldn't be this issue…lol… I don't have any pics of the Crosman and Benji intermediate levers but these pictures will give you an idea what the detent/notch looks like, and an approximate location where the fat pin sets relative to the intermediate lever. The location does not need to be precise but you don't want it to set any deeper than necessary. As you can see, it is not very deep.

On some triggers there will be a plastic insert that the original factory trigger adjustment screw screwed into in the rear of the trigger as seen in the picture. If your trigger has one these inserts, remove the adjustment screw if it is still in the insert and pop the insert out. This will allow the intermediate lever to pop up (it is spring loaded) to be accessed and worked on without disassembling the trigger as seen in the picture.


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