

cc: M.H. Walker
W.E. Leek - R.P. Kelly - File

Ilion, New York
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L. FOX

MODEL 700 FIRE CONTROL - Trigger Adjusting Screw

In working with your people regarding the interrogatory incidental to claim of personal injury by Thomas J. Brown, a suggestion has been made by M.H. Walker. We were examining several different fire controls including one from assembly and believe that the method of sealing can be improved. The present coating that is used over the head of the adjusting screw is relatively easy to remove or loosen. Walker thinks we could go a step further and use the red Loc-tite material, which will more permanently do the job.

As far as I can see there would be no changes necessary to the gun standards, but perhaps you may need to change the material specification if there is one in your process records.

S. M. Alvis, Manager
Ilion Research Division

SMA:T

GUN OWNER'S GUIDE

Models 700
Mohawk 600
XP-100

A review of the above and current process and experience in the field indicates desirability of further clarifying information in our Gun Owner's Guide as it applies to adjustments to fire control.

Following the paragraph "TO ADJUST TRIGGER" we have a notice which reads:

IMPORTANT: No adjustment or removal of the trigger engagement screw is recommended unless replacement is necessary. The trigger engagement screw is set at the factory to engage the trigger and provide the correct amount of supporting trigger connector surface beneath the sear (Fig. 4).

We would propose to revise this to read:

IMPORTANT: The sear and trigger connector engagement (Fig. 4) affects the safety of the rifle. The trigger engagement screw has been factory adjusted and sealed.

Following this information in the present Gun Owner's Guide we have instruction in regard to adjustment for "PULL OF TRIGGER" which presently reads:

Is adjusted to the desired weight by turning the trigger adjusting screw clockwise for a heavier weight adjustment and counter clockwise for a lighter weight adjustment.

We would propose to add the following sentence to the above statement:

Safety is compromised if pull of trigger is adjusted below 3 lbs.

SMAlvis:T
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