

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

Remington
DU PONT

PETERS
DU PONT

CC: J. E. Dickey - Bdpt.
F. E. Morgan - "
A. D. Kerr

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY"

Ilion, New York
December 10, 1969

M/700 Complaint

~~D. LEE BRAUN~~

Ray

CORRESPONDENCE REGARDING MODEL 700
TO HUGH WILSON, NOVEMBER 3, 1969

Pete Morgan has asked us to comment on a series of letters dating back to October 10, 1969 concerning problems encountered by Hugh Wilson on Model 700, 7mm magnum rifles. These problems include burrs on bolts, feeding from the magazine and undersized chambers.

We have audited our warehouse, gallery and assembly line, and reviewed our quality control reports for 1969, looking for similar deficiencies at the factory.

- . Burrs on bolts - We have had minor but persistent problems this year in fitting extractors to the Model 700 bolt. Both gallery and final inspection reports include "hard close" defects because of this extractor problem. We are now changing our process and expect immediate relief.
- . Feeding from magazine - We have had isolated cases of feeding problems. Usually the follower spring is upside down or the spring detent in the follower is improperly formed.
- . Undersized chamber - Our center fire rifles have head space and chamber dimensions measured 3 separate times during the manufacturing process. However, to recheck, we have measured warehouse rifles. We also checked Winchester, Federal and Remington factory ammunition and can find no dimensions out of specification. Without having the rifles here at Ilion, we cannot establish the cause.

R2504803

December 10, 1969

Lee, the following comments are pure conjecture and may not be related to the Model 700, 7mm magnum chamber problems reported by Hugh Wilson. The appearance of an undersized chamber in magnum calibers can be caused by defective extractors, rusty chambers (even in stainless steel), oversized cartridge cases, reloads, burrs in the chamber or damaged heading shoulders. We do have some instances of the magnum heading shoulder being damaged by poor technique in measuring head space.

Polishing the chamber almost always improves feeding and chambering. However, polishing can lead to reload problems, max. head space or oversized chambers. The hazard of max. headers or oversized chambers is over-rated, but can lead to poor performance and unhappy customers. If a customer has doubts about magnum rifle chamber dimensions, I suggest the rifle be returned to us.

As you can see, I have not really answered any of your questions other than try to relate to current production problems. If you can return some of the rifles to us, then we can be more specific.

R. A. Williamson
Plant Manager

by 

L. Fox, Supt.
P E & C Section

LF:I