

CC: F. E. Morgan - Bdpt.
E. G. Larson - "
A. D. Kerr
L. J. Boyle

Ilion, New York
March 24, 1970

J. E. DICKEY
BRIDGEPORT

MODEL 700 - EXTRACTION DIFFICULTIES

In your letter dated March 13, 1970 you comment that Wholesale C 11 Reports have included 10-15 cases of extraction difficulties with the Model 700, particularly the 7mm magnum.

Your comments match our experience at Ilion on customer returned rifles during the past several months. We first became aware of this problem in October 1967 when Hugh Wilson and Lee Braun reported difficulties on the West Coast.

Since then we have had numerous reports from around the country and have also examined many customer returned Model 700, 7mm magnum rifles. Based on these reports and returned rifles, we have corrected current production and are experiencing very low gallery rejects. Our corrective action at Ilion was in these three different areas:

- . Blend bolt head and extractor - We have copied the Model 742 process which is more extensive than the Model 700 and are polishing the critical cartridge entrance surface at the bolt head.
- . Extractor adjustment - Each bolt head is reinspected to assure that the unrestrained end of the extractor does not protrude into the bolt head.
- . Extractor rivet - The rivet hole has been repositioned to simplify the above two operations.

J. E. DICKEY

-2-

March 24, 1970

For field repairs we have recommended that gunsmiths replace the extractor and blend the bolt head and extractor with a dental grinder. If this repair does not improve rifle function then the rifle should be returned to Ilion. In no case do we recommend chamber polishing or head space changes since we have no assurance that gunsmiths have gages to Remington - SAAMI specifications.

R. A. Williamson
Plant Manager

by _____
L. Fox, Supt.
P E & C Section

LF:I