

## REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

*Remington*  
DUPONT*PETERS*  
DUPONTcc: Norman Wilson, Bridgeport  
E. R. Carr  
L. Fox  
F. Plunkett

"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" \_\_\_\_\_

Elion, New York  
June 30, 1972A. D. KERRTRIP TO N.Y.C. POLICE ACADEMY

Arrived at Police Academy at 8:00 A.M. Tuesday, June 27, 1972. Discussed problem with Lt. Francis Magee.

Examined approximately 300 fired cases finding no Remington cases with pierced primers which we consider the underlying cause of the breaking of Connectors and Sear. In the sample, however was found a quantity of "Norma" ammunition which almost 100% showed primer piercing. We then examined the rifles which had malfunctioned and found evidence of primer piercing in each of these. The writer explained the function of the Connector, why it should not be soldered to the Trigger and how piercing the primer causes breaking. We then repaired the rifles to instruct the Police Gunsmith in all phases of correction, from replacing Connectors and Sear, to complete Trigger Assembly replacement including adjusting, staking and sealing. As time permitted, the most used group of rifles was checked over replacing the old style Connector which is more easily broken due to the reduction in wall thickness around the Stop Screw hole.

It was agreed that the Police Gunsmith would replace Connectors in all rifles as the trucks containing them came in for regular check up. Remington will furnish the necessary components. Also the Bolts in all 223 rifles will be altered to minimize primer piercing by swaging a radius (used for 17 Cal.) around the Firing Pin hole. The tool for this was left with the Gunsmith by the writer.

*C. F. Prosser*C. F. Prosser  
Process Engineer

CFP:jc