

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE

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Ilion, New York
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BRIDGEPORTMODEL 870, 1100 - GUN JAMMING BY INADVERTENT FEEDING OF
SHOTGUN SHELL BEHIND CARRIER DURING LOADING OF MAGAZINE

In loading the magazine tube of the Model 870 or Model 1100 shotgun, there are infrequent complaints of shells misfeeding behind the carrier and jamming the gun. Usually the jam can be cleared by forcefully working the action. However, in some cases, the two trigger plate pins must be knocked out and the fire control removed to clear the jam. Under normal hunting or target shooting conditions, this is difficult since the elementary tools required will not be at hand.

This type of jam is inherent in the design of the gun but is completely avoidable. In the instruction manuals for both models, under instructions for loading the magazine, is the statement, "Push shell fully into magazine tube beyond feed latch." All jams of this type are caused by not following these instructions.

In the design and manufacture of these guns, a gap of .038" \pm .006" is held between the end of the carrier and the end of the feed latch. This gap minimizes the possibility of the carrier striking or jamming against the primer of an exposed shell in the magazine tube. By shortening the gap, the possibility of misfeeding a shell under the carrier while loading the magazine tube is minimized. However, shortening the gap will increase the incidence of the carrier striking the primer of a shell in the magazine. (Exhibit A)

EXHIBIT 1