

REMINGTON ARMS COMPANY, INC.

INTER-DEPARTMENTAL CORRESPONDENCE



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"CONFINE YOUR LETTER TO ONE SUBJECT ONLY" _____

April 12, 1985

TO: J.W. Bower
F.E. Martin
F.H. Smith

FROM: R.S. Murphy RSM

Competitive Review - Bolt Stop and Bolt Lock

On March 21 a meeting was held to review our competition's bolt stop and bolt lock designs. We were primarily interested in their placement of the bolt stop, the existence of a bolt lock and the execution of the designs.

S&W 1500 - stamped side tang bolt stop behind receiver
- no bolt lock
- bolt stop is cheap stamped part, serrated for a positive grip

Colt Sauer - bolt stop incorporated into fire control - pull trigger to release bolt
- bolt locks on safe with optional override option, button located on bolt handle
- poor design can pinch thumb, difficult to operate wearing gloves

Browning BBR - side receiver bolt stop, operates through receiver, rocking action
- bolt locks on safe

Sako L61R - side receiver bolt stop, operates through receiver, rocking action
- safety locks bolt on safe
- poorly executed bolt lock, safe not positively detented

Bolt Stop and Bolt Lock

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- Winchester 70 - side tang bolt stop behind receiver
- bolt lock accomplished by 3-position safety on bolt plug
 - safety on bolt plug
 - fire, safe unlocked, and safe locked positions
 - poor execution, very difficult to operate
- Weatherby Vanguard - side receiver bolt stop, operates through receiver, rocking action
- no bolt lock
- Ruger 77 - side receiver bolt stop, operates through receiver, pivots about rear end to operate
- bolt locks on safe
 - can't put safe on with bolt open
 - poor bolt stop design, difficult to operate
 - bolt stop can't be activated accidentally

RSM:sps