

To: Product Safety Committee
From: C.B. Workman
Model 870 Competition Trap Shotgun

2-26-81
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Piston Return Buffer left out Continued

Tests were conducted which indicate there is no shooter hazard when the Model 870 Competition Trap Shotgun or the standard Model 870 Shotgun is fired with the magazine cap removed.

Piston Return buffer spacer left out

Same results as above condition with no hazard to the shooter.

Piston Return Buffer and Piston Return Buffer Spacer left out 83

Same results as above condition with no hazard to the shooter.

Piston Return Buffer Spacer installed backwards

a. With Piston Return Buffer

- 1) Installed correctly between spacer and piston -
No hazard to the shooter; only poor gas sealing with lower recoil reduction.
- 2) Installed between spacer and gas cylinder -
No hazard to the shooter; only poor gas sealing with lower recoil reduction.

Magazine Cap Assembly

Magazine Tube Liner left out

The magazine tube liner helps support the split magazine tube. If the liner is left out the magazine tube could possibly bend inwardly, allowing the magazine cap to become disengaged. No hazard to the shooter.

JWB:CBW:T
Firearms Research Division

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