

Firing Pin Assembly

Retention in Bolt Body: A single small lug on the bolt sleeve shank rotates into engagement in a circumferential slot in the bolt body. This method facilitates easy disassembly (by precluding the need to bottom the cocking piece in the cocking cam cut in the bolt body) but appears to provide less shear strength to resist gas pressure which would develop in the event of a cartridge case failure. (M/700 Remington firing pin assembly retained by threads)

Firing Pin Indent, Copper Crusher,
Average of Five: .020"

Remington Design Specs: .018"-.026"

Firing Pin Protrusion: .070"

Remington Design Specs: .045"-.075"

Firing Pin Stroke: .36" (M/700: .28")

Striker Fall Time, average of ten,
milliseconds rounded to nearest

.05 millisecond: 4.85 -- This is very slow relative to many other current bolt action rifles. (M/700: 3.45)
This interval is not, strictly speaking, lock time. It does not include the time required for those events to occur which must necessarily precede the beginning of firing pin motion

Safety

The two-position rotary thumb safety lever knob is located to the right of the receiver tang, immediately behind the bolt handle - as per the M/700. The safety lever, when "on safe", blocks the trigger. The bolt is not locked in the closed position when "on safe".