

Remington did it.</P>

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<TD><A href="http://www.remington.com/magazine/preview/rc009004\_pic4.asp"><IMG alt="Model 710 Bolt, Trigger Assembly & Bolt Guidance System" src="http://www.remington.com/images/mag/710\_4.jpg" width=200 border=0></A></TD></TR>

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<TD><SPAN class=caption>The fire control unit and molded polymer insert slide into the rear of the 710's mild-steel tubular receiver.<BR><A

href="http://www.remington.com/magazine/preview/rc009004\_pic4.asp"><B>Click the image to enlarge.</B></A></SPAN></TD></TR></TBODY></TABLE><B>

<P>Receiver</P></B>

<P>On a typical bolt-action rifle, including Remington's own Model 700, the heat-treated receiver is a stressed component, meaning that the bolt locks to the receiver and transfers firing stresses to that part. On the 710's receiver, the bolt locks directly to the barrel, and the receiver is made of relatively inexpensive, mild steel tubing without the locking recesses.</P>

<P>The Model 710's cylindrical steel receiver is approximately 6.375" in length with 0.190"-thick sidewalls and a 1.40" outside diameter making it a long action suitable for cartridges in the .270 Win. and .30-06 Sprg. class. With a 3.75"-length magazine well and a 3.83"-long ejection port, the receiver will accommodate factory ammunition and many handloads with long-seated bullets. A molded nylon bolt guide insert for the receiver, manufactured with Teflon and silicone additives, eliminates the need for extensive machining. It may also be removed for cleaning or maintenance.&nbsp;</P>

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<TD><A href="http://www.remington.com/magazine/preview/rc009004\_pic9.asp"><IMG alt="Model 710 Bolt Face" src="http://www.remington.com/images/mag/710\_9.jpg" width=200 border=0></A></TD></TR>

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<TD><SPAN class=caption>The Model 710's bolt face features an internal ejector and Remington-type internal extractor.<BR><A

href="http://www.remington.com/magazine/preview/rc009004\_pic9.asp"><B>Click the image to enlarge.</B></A></SPAN></TD></TR></TBODY></TABLE>

<P>Approximately 5.08" of the insert fits inside the receiver with an additional 1.62" tail protruding out the bottom of the rear receiver ring. The fire control unit and rear stock screw attach to the tail piece, and a single screw on the receiver fitting through a hole in a steel bracket assures the insert remains in place. Raceways for the bolt locking lugs and openings for the ejection port and magazine well are molded into the insert. The exterior of the receiver has a glass-bead-blasted, matte surface with a black finish. There is no gas relief hole in the receiver of the 710 to provide a route for high pressure gases to escape in the unlikely event of a case head failure.</P><B>

<P>Bolt</P></B>

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<TD><A href="http://www.remington.com/magazine/preview/rc009004\_pic8.asp"><IMG alt="Model 710 Bolt Exploded View" src="http://www.remington.com/images/mag/710\_8.jpg" width=200 border=0></A></TD></TR>

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<TD><SPAN class=caption>The bolt has four parts--the head, retaining pin, cast body and firing pin assembly with composite shroud. Only the bolt head is made of heat-treated, high-strength steel.<BR><A href="http://www.remington.com/magazine/preview/rc009004\_pic8.asp"><B>Click the image to enlarge.</B></A></SPAN></TD></TR></TBODY></TABLE>

<P>The bolt is a four-piece assembly with a body, separate bolt head, firing pin assembly and bolt head retaining pin. Made of heat-treated, high-strength steel, the 1.28" long bolt head has three locking lugs approximately 0.370" wide and 0.300" long spaced evenly around its circumference that lock into