

LIMITED DISTRIBUTION

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Competitive Product Evaluation
 Winchester Low-Priced Bolt Action
 Center Fire Rifles

	<u>Remington 700ADL</u>	<u>Winchester 770</u>
extractor:	circumferential cantilever spring type, housed in undercut bolt shroud, riveted in place	reciprocates radially in T-shaped slot cut in bolt shroud and right lug, position and radial force maintained by compression spring and plunger housed in longitudinal hole in right lug, outward radial extractor motion limited by bottom of lug recess in receiver (see bolt photograph in appendix)
ejector:	both spring-loaded plunger type, retained in bolt head with crosspin	
bolt stroke:	4.83" (approximately 1/2-inch difference)	4.35"
bolt body length:	5.41"	6.13"
provision for bolt - (bolt plug, R.) alignment out of battery:	cocking cam portion of firing pin head rides in shallow detent in rear face of bolt body under firing pin spring force, cammed out of position as bolt starts to rotate closed	bolt sleeve lock on bolt sleeve engages bolt handle as bolt commences rearward motion, cammed by receiver to disengagement near end of forward bolt stroke
operating smoothness:	If a large counter-clockwise torque is applied to the bolt (via the handle) during the closing stroke, a slight interference develops between the top front of the bolt shroud and the rear face of the front receiver ring. This results in a perceptible jolt as the bolt passes this point.	The "anti-bind device" on the Winchester bolt (see bolt photographs) rides below the right feed lip. It limits the amount of vertical play and counterclockwise rotation permitted. This prevents interference such as on the 700ADL.