

Remington 700BDLSS / .300 SAUM bolt opening problem I purchased a shot show S...

#### Discussion Thread

##### Response (KATHY)

Dear David, Thank you for visiting Remington Country and your continued use of our Remington products. Yes, you can safely shoot steel in your Rem Choke special field barrel. For more information on choke tubes and steel shot, please visit the link listed below:  
[http://remington.custhelp.com/cgi-bin/remington.cfg/php/enduser/std\\_adp.php?p\\_sid=ywyxXYsg&p\\_lva=&p\\_faaid=200&p\\_created=1000828826&p\\_sp=cf9ncm1kc29ydd0mcf9yb3dfY250PT E2JnBfc2VhcmNoX3R1eHQ9c3R1ZWwmcF9zZWYyZjhfZlhwZT0zJnBfcHJvZjF9sdmwxPX5hbnl\\_JnBfcHJvZjF9sdmwxPX5hbnl\\_JnBfc29ydF91eT1kZmx0JnBfcGFhZT0x&p\\_li=](http://remington.custhelp.com/cgi-bin/remington.cfg/php/enduser/std_adp.php?p_sid=ywyxXYsg&p_lva=&p_faaid=200&p_created=1000828826&p_sp=cf9ncm1kc29ydd0mcf9yb3dfY250PT E2JnBfc2VhcmNoX3R1eHQ9c3R1ZWwmcF9zZWYyZjhfZlhwZT0zJnBfcHJvZjF9sdmwxPX5hbnl_JnBfcHJvZjF9sdmwxPX5hbnl_JnBfc29ydF91eT1kZmx0JnBfcGFhZT0x&p_li=)

##### Customer (Vernon Larson)

Remington 700BDLSS / .300 SAUM bolt opening problem

I purchased a shot show special 700BDL(SS) in .300 SAUM a couple months ago and have been having some bolt opening problems. In order to reduce the stresses on the rifle while breaking in the barrel, I used some light loaded handloads (loaded to Hodgdon's "starting load"). I cleaned every round for the first 10, then every 2-3 rounds thru 50 rounds. I noticed "mild" ejector marks on the bottom of the Remington Brass, but after reading some articles in Nosler's reloading manual, thought that maybe it was a matter of annealing, since nothing else showed signs of excessive pressure (no split cases, no flattened primers, etc). I eventually moved on to Remington factory ammo (165 gr Core-Lkt) and found the bolt almost impossible to open at times. While no mechanical device or "hammer" was required to open the bolt, it could not be opened from the prone position. There were very severe ejector marks (with galling from twist) on some of the ammo (no reload had any galling) however this was not consistent within a 5 shot group. After one shot, the bolt may open easy followed by two very hard, then two more easy. I had been chronographing the velocities and didn't find any correlation between higher velocity (presumably higher pressure) and bolt lock-up. The attached photos show the bases of one typical five round 165 Gr series (left to right):  
(shot 5) 3002 fps, easy to open (almost no ejector mark)  
(shot 4) 2969 fps, slightly hard to open (ejector mark)  
(shot 1) 3003 fps, slightly hard to open (ejector mark)  
(shot 2) 2995 fps, VERY HARD to open w/galling & ejector mark  
(shot 3) 3005 fps, VERY HARD to open w/galling & ejector mark

What do you think the problem is and how do I correct it?  
Is this likely to damage anything other than the ammo cases?

Thanks,  
Vern Larson