

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

Discussion Thread

Response (Laura)

11/1/2002 10:35:35 AM

Dear Mr. Larson,

We regret that you are experiencing problems with your firearm. Based on the information you have provided, we suggest that you send your firearm to our Ilion, NY facility.

For U.S. repairs, please follow these guidelines:

1. Record the serial number of your firearm before sending it to us.
2. Pack your firearm for safety and to prevent further damage in shipping and handling. Preferably, ship in a firearm box, not a hardcase.
3. Remove all accessories from your firearm to prevent loss or damage. This would include scope, slings, or extra choke tubes.
4. Enclose a letter with the firearm detailing the model name or number of your firearm and serial number along with a full description of the problem. Be sure to include your full name and address (P.O. Box and Street Address), including zip code, daytime telephone number, and e-mail address.
5. Ship your firearm by either United Parcel Service (UPS) or Parcel Post (US Post Office). Remington is not responsible for damage or loss during shipment, so you may elect to purchase insurance from your carrier.

For U.S. repairs only, ship to:

Remington Arms Company, Inc.
Attn: Arms Services Division/Repairs
14 Hoefler Avenue
Ilion, NY 13357

WARNING: DO NOT SEND LIVE OR SPENT SHELLS IN YOUR FIREARM OR IN THE SAME BOX WITH THE FIREARM. THIS IS A VIOLATION OF FEDERAL LAW. IF YOU FEEL YOU MUST SEND SPENT SHELLS PLEASE SEND THEM IN A SEPARATE PACKAGE AND INCLUDE NAME, ADDRESS (WITH ZIP CODE), TELEPHONE AND MODEL AND SERIAL NUMBER OF YOUR FIREARM.

Customer (Vernon Larson)

10/29/2002 3:56:05 PM

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