

## How to: Disassemble and Reassemble the Romanian .22 Trainer's Bolt

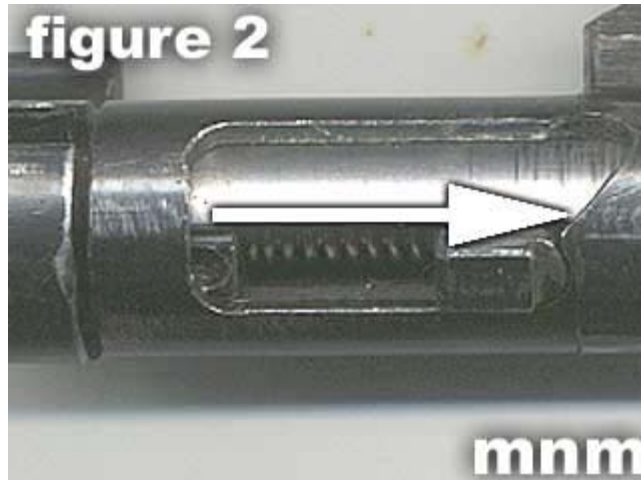


**Note:** For the sake of writing the instructions for the disassembly and reassembly of the bolt, the names or nomenclatures in the above diagram are Surplusrifle.com's estimation of the correct nomenclatures and quite possibly not the actual nomenclatures.

### Disassembly Instructions



1) Note the direction the safety lever is installed on the bolt (as shown in **figure 1**). It is actually possible to install it backwards.



2) The key to disassembling the bolt is to compress the striker spring in the direction shown in **figure 2**.

**Note:** To the left of the arrow is the **spring retainer** with a detent for you to place a punches tip and move it in the direction of the arrow.

**Warning:** The striker spring is a very strong spring and requires a lot of pressure to compress and hold compressed. Be cautious when attempting this procedure because the spring and other parts can shoot out of the bolt at high velocity.



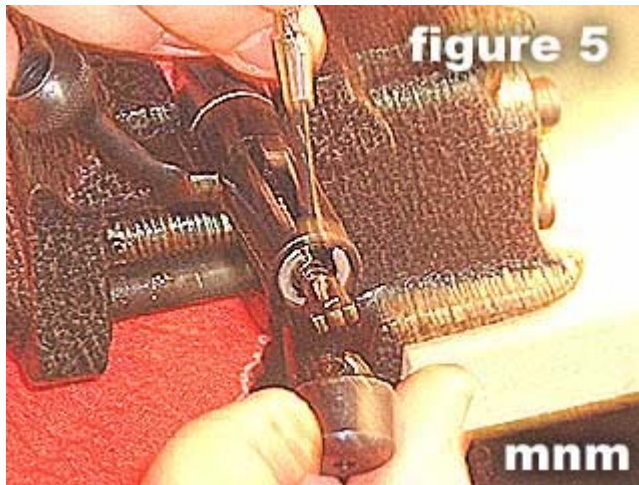
3) Decock the bolt and let the **striker spring** expand.

**Note:** this disassembly can only be accomplished if the **bolt body** is held in a vise or flat on a surface with a c-clamp. **Figure 4** shows how the bolt should be positioned in the vise to gain access to the **striker spring** and **retainer**.

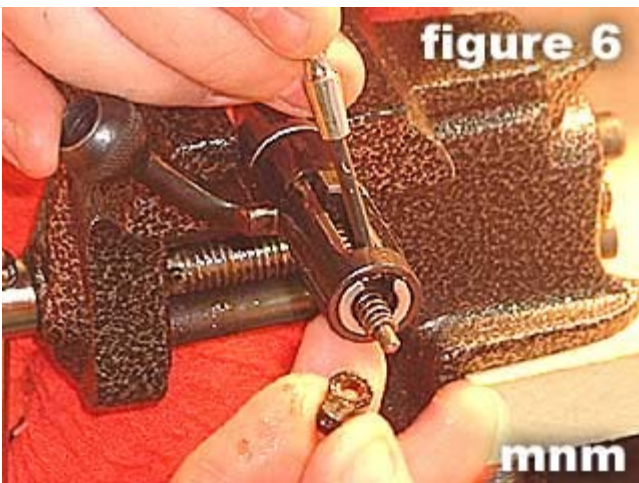




4) I cheat and use a jeweler's flat blade screwdriver to insert the tip between the top coils of the **striker spring** and then compress it. Then while holding the **striker spring**, I use my other hand to take a punch and move the **spring retainer** towards the compressed spring. I find this method easier because you have less chance of losing grip on the **retainer** because the **striker spring** is fairly difficult to compress.



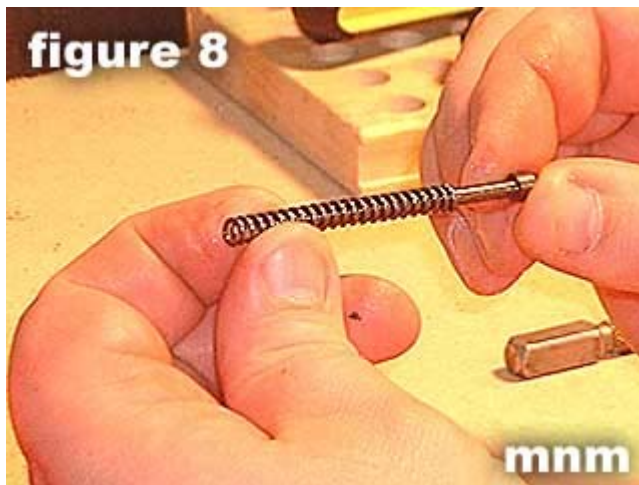
5) While keeping the **striker spring** compressed, move the **safety lever** to the right or left and pull out until it comes free of the **bolt**.



6) Be very careful to release pressure on the **striker spring** slowly or it will fly out and across the room.



7) Remove the **striker** and **striker spring**.



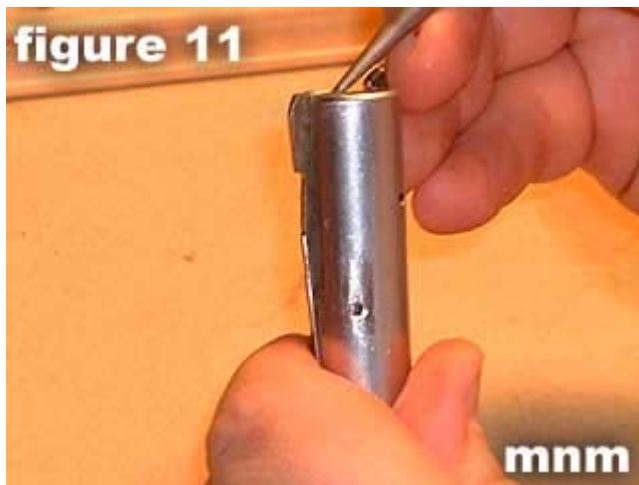
8) Separate the **striker** and **striker spring**.



9) Remove the **bolt handle** and **spring follower**.

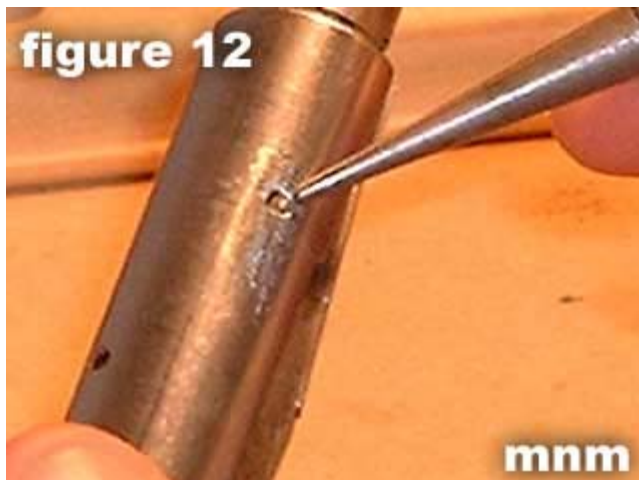


10) Separate the **spring follower** from the **bolt handle** (as shown in **figure 10**).

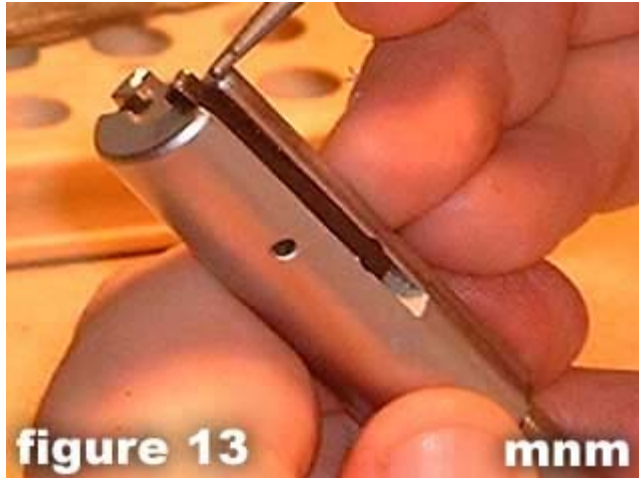


11) **Figure 11** shows the punch pointing out the **firing pin**.

**Note:** I don't recommend attempting to remove the **firing pin** or the **extractor**. Both can easily be cleaned while still attached to the bolt.



12) Figure 12 shows the punch pointing to the **firing pin's retaining pin**.



13) Figure 13 shows the punch pointing out the **extractor**.

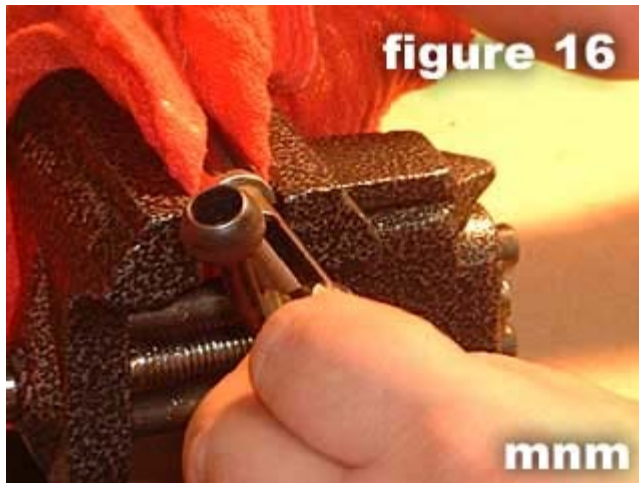


14) Figure 11 shows the disassembled bolt.

### *Reassembly Instructions*



15) Install the **spring follower** in the **bolt handle** (as shown in **figure 15**).



**16)** Place the **bolt body** in the vise with the flat part facing upwards. Insert the **bolt handle** into the **bolt body**.



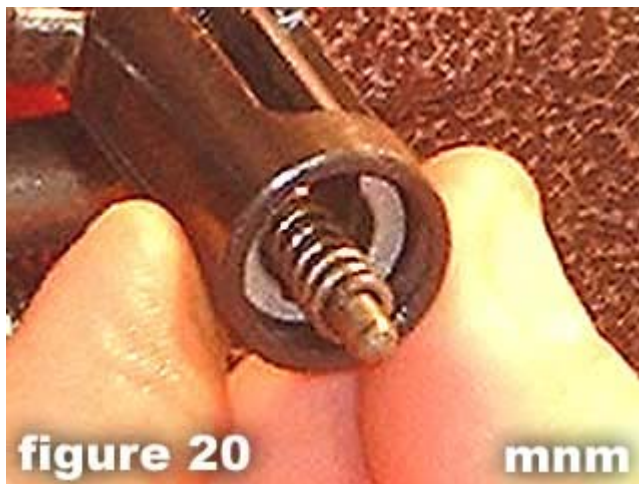
**17)** Make sure the spring follower is in the furthest most position (as shown in **figure 17**).



**18)** Slide the **striker spring** onto the **striker**.



19) Make sure you install the **striker** and **striker spring** with the flat piston shaped end inside the **bolt**.



20) Figure 20 shows the properly installed **striker** and **striker spring**.



21) Place the **spring retainer** on the **striker** with the small detent arm placed in the **follower's channel**.

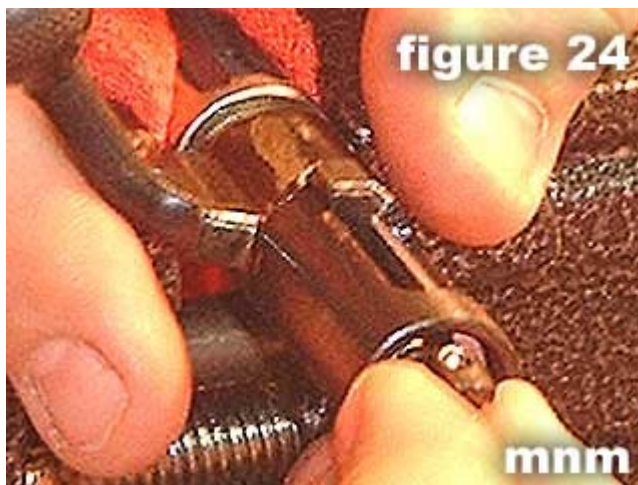




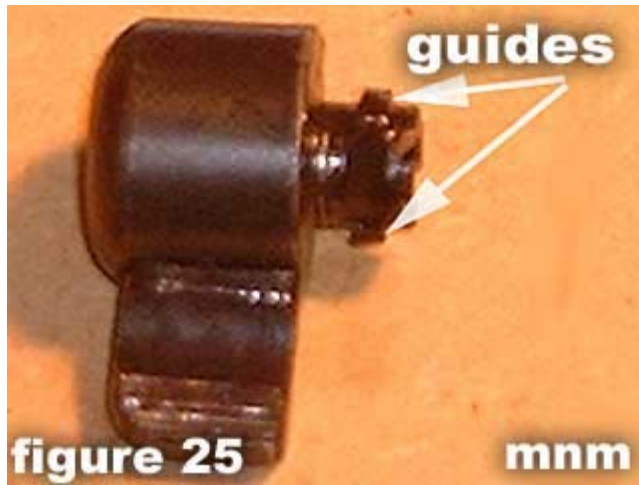
22) **Figure 22** shows the punch pointing to the side of the **spring retainer** with the ridge/lug that fits into the channel/guide in the **safety**.



23) **Figure 23** shows the punch pointing to the **safety's** channel/guide that the **spring retainer's** ridge/lug fits into.



24) After placing the **spring retainer** back into the rear of the **bolt**, the **striker spring** must be compressed and the **spring retainer** pushed inside the **bolt** to allow the **safety** to be attached.



25) **Figure 25** shows the two guides/keys that are on the **safety**. They must be lined up with the slots in the rear of the bolt assembly for the safety to be reinstalled.



26) Make sure the **safety lever** is placed in the correct direction. With the bolt situated as shown in **figure 26**, the **safety lever** should point down.

Align the **safety's** guides/keys in the slots in the rear of the **bolt**.

While keeping the **spring retainer** and **striker spring** compressed, push in on the **safety** and turn to the right or left.

Slowly release pressure on the **striker spring**, while still holding onto the **safety** to catch the **striker spring** and **retainer** if the **safety** is not secure.

If you aligned the guides/keys correctly the **bolt** is assembled.

If not, repeat steps 21 to 26.



27) **Figure 27** shows the reassembled **bolt**.

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