

Magazine Kit for VZ52s being converted to use 7.62x39

If you're a fellow VZ52 owner who is tired of not being able to use your rifle due to 7.62x45 being unobtainium, then you're in luck, you have options. For years Numrich has sold the 7.62x39 chamber conversion kit (<https://www.gunpartscorp.com/products/197610>) but the drawback was always either living with an unreliable magazine due to it being several mm too long for the new rounds, or dropping over \$100 on a VZ52/57 magazine (if you can even find one). Well, I got tired of dealing with an inconsistent magazine, and am too much of a cheapskate to drop that much cash on a single mag, so I taught myself CAD and designed us a solution.

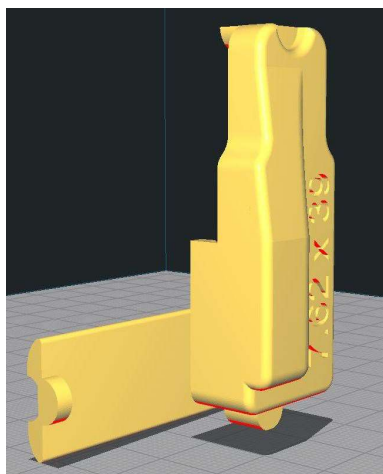
A note about the chamber conversion:

One of the biggest negative reviews with the chamber conversion kits is that they fall out, or are ripped out by steel cases, ejected with the case, and lost forever. I recommend not using the included red Loctite, which is wholly inadequate for the job. I glued mine in with JB weld and its stood up to eight years of shooting - brass and steel case alike - with zero issues related to the sleeve.

About the Magazine Conversion:

The follower has "7.62x39" embossed on it as a way to non-permanently mark that your rifle has been converted. As opposed to something destructive like engraving the gun, or just remembering that it's converted (which is great until you sell it or pass it down and the next guy isn't aware of your modifications)

Printing notes:



- **Print Orientation:** The follower should be printed vertically, standing on its rear end, and the spacer should be printed laying on it's side along the narrow edge. Testing has shown that these orientations are the best combination of strength (avoiding layer line weak spots that will allow thin bits to break away) and reliable functioning (layer line orientation will not allow layers lines to grab each other and cause problems while the follower moves up the magazine)
- **Print Settings:** As far as infill and walls go, I use three walls, 25% infill and cubic. however, you can probably get away with less. Print on standard or finer for smaller layer lines that will cause less friction as things move during operation.
- **Materials:** I've had success with simple PLA on mine, though ABS would probably be better from a heat and durability standpoint. However, I had trouble getting the spacer to print without warping when using ABS. And, honestly, if the mag is getting hot enough to warp the PLA you've got bigger

problems, Keep it out of the sun and it'll be just fine.

- **Spacer Installation:**

The spacer needs to be glued to the inside of the mag body. In my experience super glue isn't enough, but an adhesive caulk works very well. Specifically, I used Surebond Everseal pick-proof adhesive (it's on Amazon). The thickness of the caulk fills in gaps between the spacer and mag body, and stabilizes the spacer, in addition to adhering it to the magazine wall.

- **Installing the spring:**

Turn the spring upside down and slide the rounded end into the slot as shown in the photo.



That's it, that's all there is to it! Good hunting, Anon.

~ Dinka Roubles