

How to get maximum performance by reducing the drag and friction inside the tube.

1. Always make sure magazine tubes are clean. Dirty tubes have extra drag and friction. If it has been dropped on the ground it needs to be cleaned after each use.
 - Dis-assemble magazine completely
 - Spray inside with WD-40
 - Pull soft rag through the tube
 - Check all of the parts while magazine is dis-assembled.
2. Check the follower. It could have mold flash or production burrs on the edges. These things will also cause drag and friction, interfering with loading the magazine to maximum capacity.
 - Remove the follower from the spring. (Figure 1)
Check all of the edges for burrs and rough spots.
 - Using a fine file or sandpaper remove the mold flash, creating a slight radius on the bottom edges. (Figure 2)
 - Using the fine file or sandpaper, break any sharp corners on follower. (Figure 3)
3. Check the spring, for rust or weak spots in the coils.
 - Verify the spring is the correct size.
 - Replace springs that show any sign of fatigue.
 - The Dawson Precision Basepad requires an extended spring. The wrong size spring will interfere with the magazine performance.
4. Clean all parts before reassembling the magazine.

Since you regularly clean your pistol and Coat with a light film of Teflon or Silicone, do the magazines at the same time. Cleaning and maintaining your pistol and magazines regularly will improve their performance and increase their longevity.