DETENT INSTALLATION NOTES:

Your new ***Sightlink*** AR15/M16 front sight comes with two replacement detents. It is important that you understand the purpose of these detents, and use the detent which best fits your weapon.

Initially, you must understand that the factory detent will not work on a ***Sightlink*** blade. The top pin on a factory detent is not tall enough to lock up the top half of the blade and prevent it from moving. Only a ***Sightlink*** detent top pin is sufficiently tall.

In addition, it is important that the detent be as tight as possible (and still work properly) in order to lock up the ***Sightlink*** top blade and prevent any movement which might change your point of impact.

The problem is that specifications vary between older and newer front sight assemblies, and tolerances also vary between manufacturer. In all, detent ways in front sight assemblies may vary as much as .005". That may not sound like much, but it is enough to prevent a detent from working if too tight, or allow the ***Sightlink*** blade to move if too loose.

So, Mounting Solutions Plus provides two detents, one .005" smaller than the other. You must select the detent most appropriate for your front sight assembly. Both detents are attached to these notes. Make sure you never remove both at the same time. If you don't have a micrometer, you will not be able to tell the two detents apart.

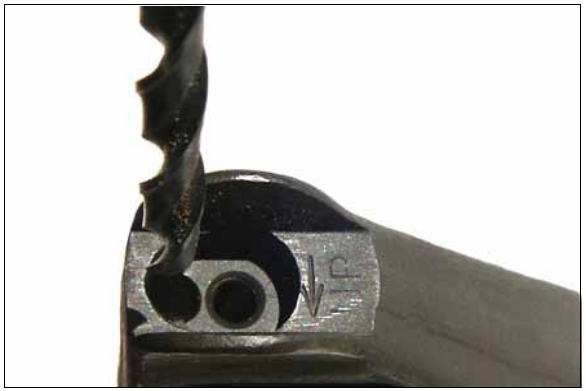
First, try the larger of the two detents, which is .171" in diameter. If it works in your front sight assembly, that is best. If the .171" detent is too tight, try the steps on the back page before you try the smaller .167" detent. If the .171" detent is still too tight after trying the steps on the back page, then return the .171" detent to these notes and use the smaller .167" detent instead.

If the .167" detent is still too tight for your front sight assembly, contact Mounting Solutions Plus for further instructions at 1-800-428-9394.

.171" Detent

.167" Detent

First, carefully scrub out & lubricate the detent way in the front sight assembly. The detent way may be dirty or even corroded after years of use.



Second, if cleaning and lubrication are insufficient, place an $^{11}/_{64}$ drill bit in a pin vise and gently ream out the detent way by hand. Do ***NOT***, repeat ***NOT***, ream the detent way in a drill press, mill, or even with a hand drill or other power tool. ***Only*** ream the detent way by hand. This is to insure you do not accidently remove too much material. If excess finishing material, corrosion, or a burr is present in the detent way, gentle reaming with a bit will remove it and allow the .171" detent to function properly.