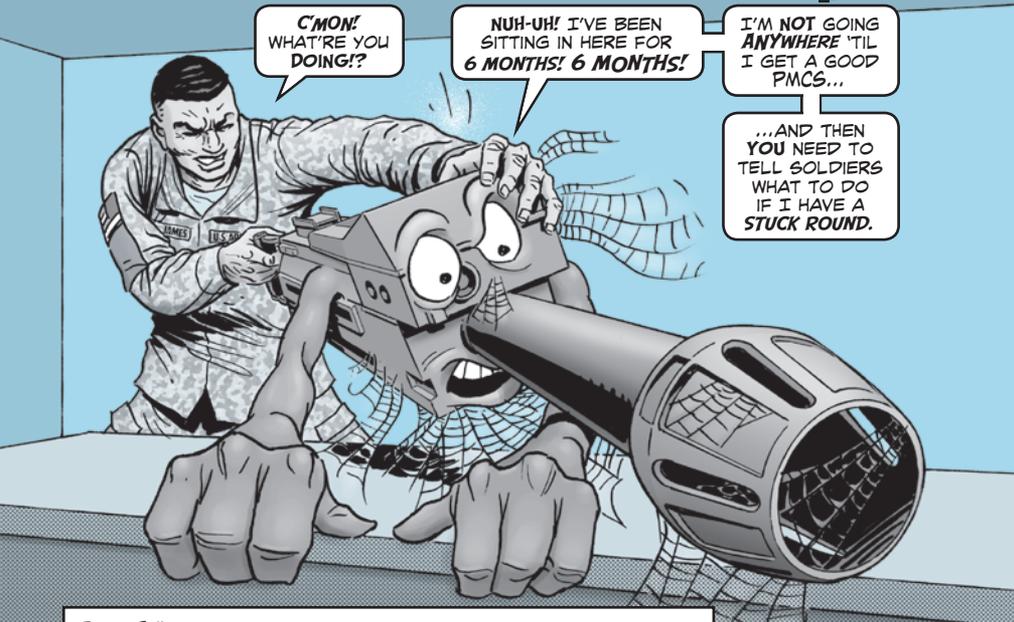


# Mark Down These MK 19 Tips



Dear Editor,

As part of Ft Campbell's command maintenance evaluation and training team (COMET), I've run into two issues with the MK 19 machine gun that need attention.

**MK 19s are not being fired.** As a result, MK 19s sit too long in arms room with no attention. Armorers or small arms repairmen should at least be doing the quarterly services. And when the MK 19s go to the range, units need to do a very thorough PMCS first. After months of storage, the weapons may have developed problems.

If MK 19 gunners haven't fired for months, they need refresher training, especially on the misfire procedures. There should be no doubt what needs to be done if they get a stuck round.

**Units don't have the adjusting tool for the secondary drive lever and they don't know how to use it.** This can make the MK 19 dangerous to fire. PS should repeat the procedure for using the tool.

And units should immediately make sure they get the tool.

David Barger  
COMET  
Ft Campbell, KY

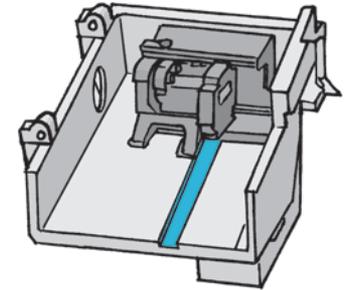
NO PROBLEM, DAVID. UNITS CAN ORDER THE TOOL WITH NSN 1005-01-467-9435. HERE'S HOW TO USE IT...



1. Make sure the MK 19 is cleared and the bolt is forward.
2. Open the top cover assembly.
3. Remove the alignment guide and ogive plunger assembly.

4. Place the feed slide adjustment tool into the feeder base between the round positioning block and primary pawl with the rear of the tool aligned with the ammo link slot.

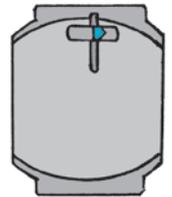
Align rear of tool with ammo link slot



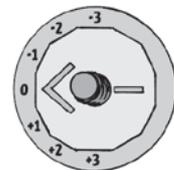
5. Make sure the secondary drive lever is positioned all the way to the right. Close the top cover.
6. Going through the ammunition entrance, push the tool with your finger against the round positioning block. You'll hear the tool click into position.
7. Pull the bolt fully to the rear without stopping. Move the handles forward and up.

8. Look at the tool through the ogive plunger hole. If the lever is adjusted correctly, the left edge of the indicator should be within the width of the white painted line. If the adjustment is correct, remove the tool and you're done. If the alignment is **not** correct, continue with Step 9.

Left edge of indicator within width of white line?



9. Open the cover and remove the secondary drive lever. Remove the screw and the locating washer on top of the secondary drive lever. Move the selector bushing so the next higher number aligns with the arrow on top of the secondary drive lever.



Go through range of adjustments until you get correct alignment

10. Assemble the secondary drive lever and do the alignment check again. If the left side of the indicator is still not within the width of the white line, remove the lever again and move the selector bushing so the next higher number aligns with the arrow on top of the secondary drive lever.

Keep doing Step 10 at each setting from +3 to -3 until the left edge of the indicator is within the width of the white line.

If you adjust the selector bushing from +3 to -3 and still can't get the correct alignment, the MK 19 needs to go to support.