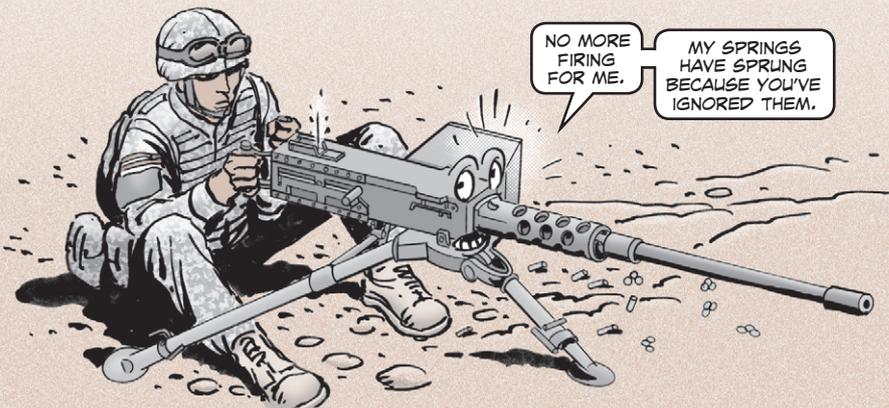


KEEPING THE SPRING IN SPRINGS

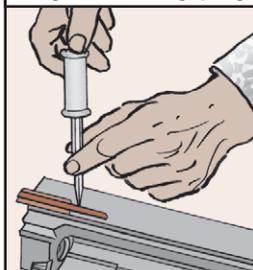


- Get the timing nut spring and sear spring changed annually. If the timing nut spring becomes weak, the timing nut won't stay put and the M2's timing is thrown off. A weak sear spring means the M2 can stop firing. It's direct support's job to change the springs during annual gauging. Make sure they do.

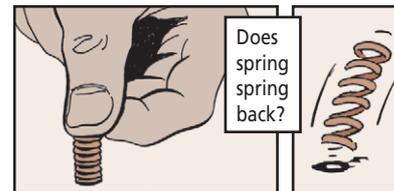
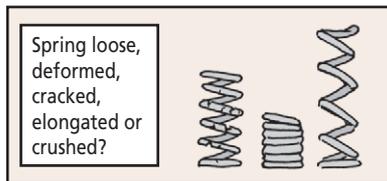
- Keep the barrel locking spring tight. If the spring works loose, the M2 can't hold headspace and it starts rupturing cartridges instead of firing them. If the spring's loose, swage the barrel extension once firmly with a 1/4-in flat-tip punch. (Swaging is staking with a flat-tip punch.)

If the barrel extension is damaged where you want to swage, swage the opposite side of the barrel extension. As long as you don't crack the spring or punch a hole in it and it lets you install the barrel, the spring is usable.

Swage loose locking spring



- Test the sear spring. If it becomes too weak, the M2 stops firing. To get to the sear spring, depress the sear and remove the sear slide. Then remove the sear and sear spring. Look to see if either end of the spring is deformed or if it is cracked, broken, collapsed, or elongated. Check to see if the spring fits loosely in the sear or bolt. Finally, set the spring upright on a flat surface and push it down. If it doesn't spring back all the way, its life is over. If you see any problems, replace the spring. Remember to check the sear spring BEFORE PMCS.



BARREL EXTENSION LOOSE? NO GO!



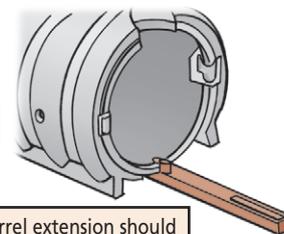
Dear Half-Mast,

Item 3 in the M203 grenade launcher's quarterly PMCS in TM 9-1010-221-23&P says that there can be no obvious play or movement in the barrel extension. I don't have one single M203 in the arms room that doesn't have some movement, so could you please define "obvious play or movement"? How much movement is allowed?

SPC J.H.

Dear Specialist J.H.,

If you look in the *NOT FULLY MISSION CAPABLE IF* column on the right in the PMCS, you find "Barrel extension is loose, bent, or cracked". In other words, **no movement** in the barrel extension is allowed. So, unfortunately, all your M203s need to go to support for repair.



Barrel extension should have **NO** movement

Half-Mast