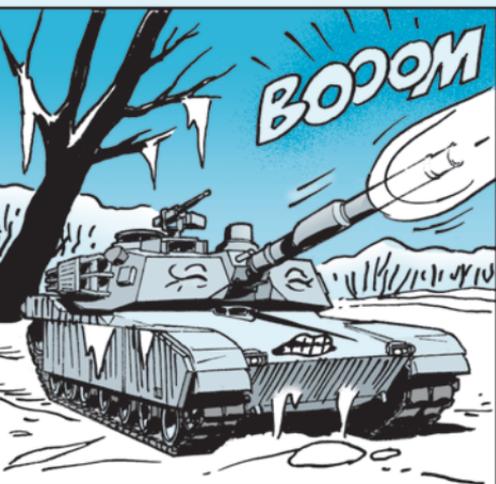


Setting the Cam for COLD



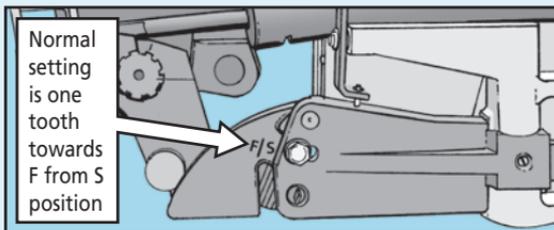
In cold weather, the recoil's stroke speed can slow way down for the main gun on your M1-series tank. The colder it gets, the slower the recoil speed.

That's why the breech has an adjustable operating cam. When the temperature plummets, you can bring back some punch to the breech's ejectors. This allows the breech to continue expelling stub bases even though the recoil speed is slower.

Unfortunately, some crewmen are adjusting the cam to operate the breech as fast as it can no matter what the temperature. They figure the faster the stub bases eject, the faster they can reload and fire again.

But setting the cam to the F (fast) setting doesn't speed up the recoil. It just forces the stub base to be ejected more aggressively. That causes extra stress and wear on breech components and can lead to premature failure.

So, check the cam in your tank now. The normal operating position is one tooth towards F from the S (slow) position. Then, adjust the cam only if it becomes necessary because of cold weather.



You'll find the instructions for adjusting the cam starting on Page 3-266 of TM 9-2350-264-10-2 (Mar 03, w/Ch 6, Jun 09) and WP 0518 of TM 9-2350-388-10-3 (Feb 09).

And don't forget to return the cam to its normal setting when that cold snap ends.