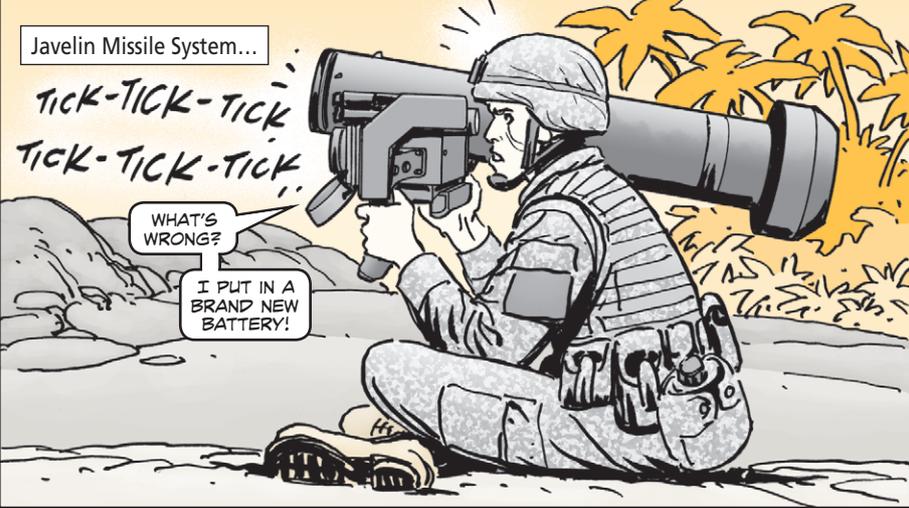


Javelin Missile System...

TICK-TICK-TICK
TICK-TICK-TICK

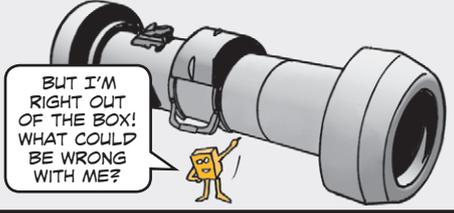
WHAT'S WRONG?

I PUT IN A BRAND NEW BATTERY!



Tick, Tick, Tick - You've Got a Battery Problem!

IF YOU INSTALL A NEW BATTERY IN YOUR JAVELIN'S CLU (COMMAND LAUNCH UNIT) AND YOU HEAR A TICKING SOUND WHEN YOU TURN ON THE CLU, YOU'VE GOT A **BATTERY PROBLEM**.



BUT I'M RIGHT OUT OF THE BOX! WHAT COULD BE WRONG WITH ME?



THE BATTERY IS EITHER COLD...

...OLD...

...OR DEAD.

SO WHAT CAN YOU DO TO STOP THIS TICKING AND GET ON WITH YOUR MISSION? READ ON!

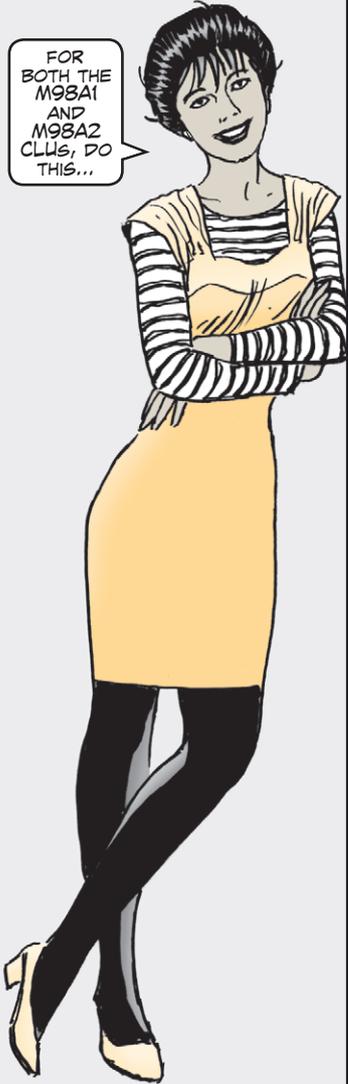
This ticking can occur with both the BA-5590 (primary live-fire battery for the M98A1 and M98A2) and BA-5390 (alternate live-fire battery for the M98A2) and the rechargeable BB-390A and BB-390B training-only batteries. And it can occur even if the battery is fresh out of the box.

The ticking is caused because the CLU voltage or potential collapses, causing the circuitry to shut down. The ticking is caused by the CLU turning off and on.



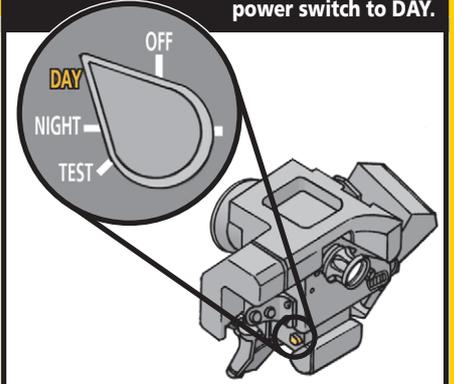
Cold Batteries

First, check to see if the battery is cold to the touch. If it is, you may just have a cold battery. Try shaking the battery. Sometimes that solves the problem. If shaking doesn't work, follow these steps:



FOR BOTH THE M98A1 AND M98A2 CLUs, DO THIS...

1. With the battery installed, turn the CLU power switch to DAY.



2. After 30 seconds, cycle the power switch from DAY to OFF and then back to DAY.

3. If the CLU keeps ticking, repeat the procedure.

4. Still no luck? Try warming the battery under your arm or in a warm environment. Once the battery no longer feels cold, try the procedure again. If that doesn't work, the battery may be old.



WARM! A BIT SMELLY, BUT WARM!

PS MORE

Old Batteries

Batteries can be old even if they're fresh out of the box. Batteries that sit on the shelf for a long time can develop a "passivation" crust on their metal plates, which prevents electrons from passing through the plates.

Sometimes you can shake off the crust. Remove the battery and shake it vigorously for one minute. Reinstall the battery and turn the switch to NIGHT for both the M98A1 and M98A2 CLU. If the CLU keeps ticking, give the battery another one-minute shaking and try again. If three rounds of shaking don't stop the clicking, the battery is probably dead.

If the CLU stops ticking, but the CLU battery indicator lights up, there is hope. Leave the CLU on for 15 minutes to see if the battery current burns through the passivation layer. If the indicator goes off, you're in business.

