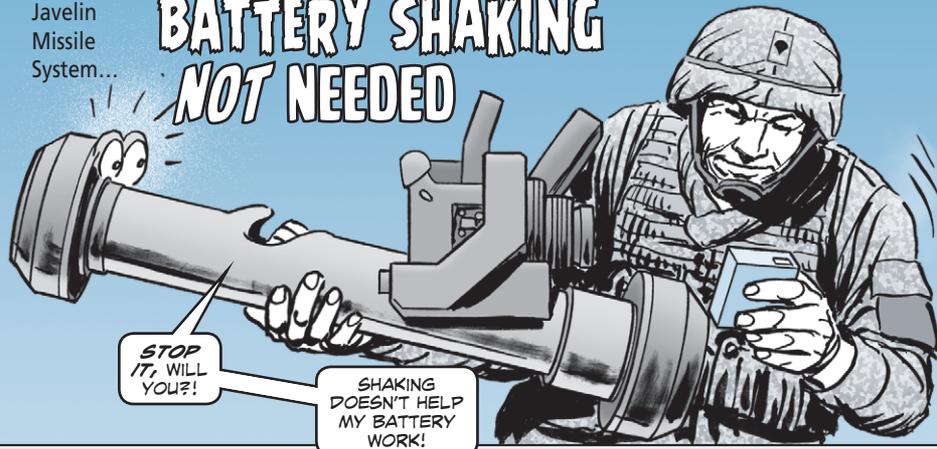


Javelin
Missile
System...

BATTERY SHAKING NOT NEEDED



STOP
IT, WILL
YOU?!

SHAKING
DOESN'T HELP
MY BATTERY
WORK!

IN PS 675 (FEB 09), WE WROTE THAT JAVELIN BATTERIES LEFT SITTING ON THE SHELF A LONG TIME SOMETIMES DEVELOP A "PASSIVATION" CRUST ON THEIR METAL PLATES, WHICH PREVENTS ELECTRONS FROM PASSING THROUGH THE PLATES.

THE SOLUTION WE RECOMMENDED WAS TO SHAKE THE BATTERY.

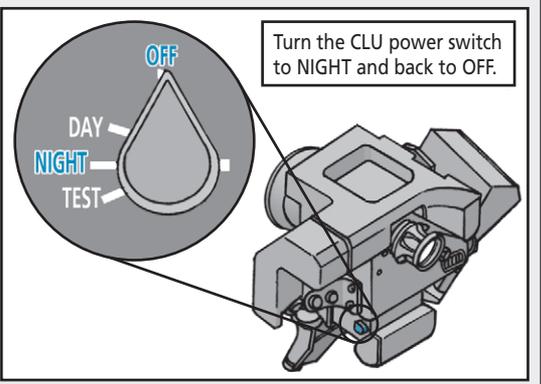
WP 0008 00-5 IN TM 9-1425-1687-10 RECOMMENDS THE SAME THING.

TURNS OUT SHAKING THE BATTERY IS A WASTE OF TIME.

WHAT DOES WORK IS THE SECOND SOLUTION OFFERED IN THE TM...

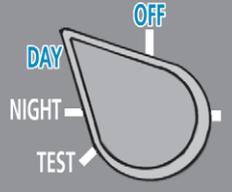


"A second method to remove the passivation layer is to place the BA-5590/U battery in a CLU (command launch unit), turn the CLU switch to NIGHT position and turn the switch back to the OFF position. Repeating the NIGHT/OFF switch sequence a few times will cause the passivation layer to burn off and the battery will come up to full voltage potential."

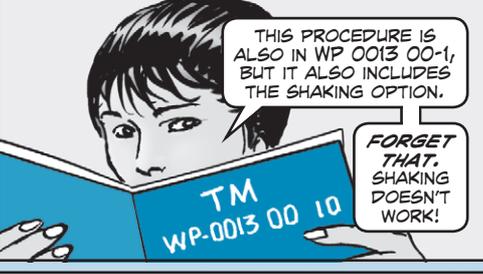


IN THE COLD, THE PROCEDURE IS SLIGHTLY DIFFERENT...

1. Turn the power switch to OFF and then back to DAY. If the CLU BATTERY indicator is green, you're good to go. Otherwise, continue to step 2.



2. Remove the battery and warm it by rubbing it. Install the battery and turn the power to DAY. If the CLU BATTERY indicator is green, continue as normal. Otherwise, continue to step 3.
3. Repeat step 2 or install a different, warmer battery and continue with operations.



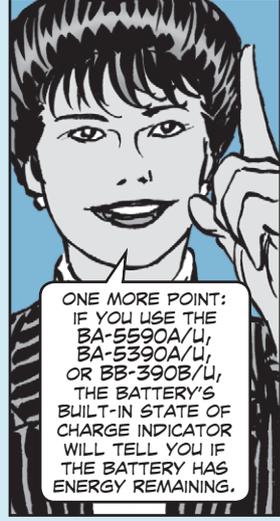
THIS PROCEDURE IS ALSO IN WP 0013 00-1, BUT IT ALSO INCLUDES THE SHAKING OPTION.

FORGET THAT. SHAKING DOESN'T WORK!



THE PASSIVATION PROBLEM CAN HAPPEN ONLY WITH THE LITHIUM SULFUR DIOXIDE BA-5590B/U, NSN 6135-01-438-9450, OR THE BA-5590A/U, NSN 6135-01-523-2037.

THE NON-RECHARGEABLE LITHIUM MANGANESE DIOXIDE BA-5390/U, NSN 6135-01-501-0833, AND BA-5390A/U, NSN 6135-01-517-6060, AS WELL AS THE RECHARGEABLE NICKEL METAL HYDRIDE BB-390B/U, NSN 6140-01-490-4317, DON'T HAVE THIS PROBLEM.



ONE MORE POINT: IF YOU USE THE BA-5590A/U, BA-5390A/U, OR BB-390B/U, THE BATTERY'S BUILT-IN STATE OF CHARGE INDICATOR WILL TELL YOU IF THE BATTERY HAS ENERGY REMAINING.