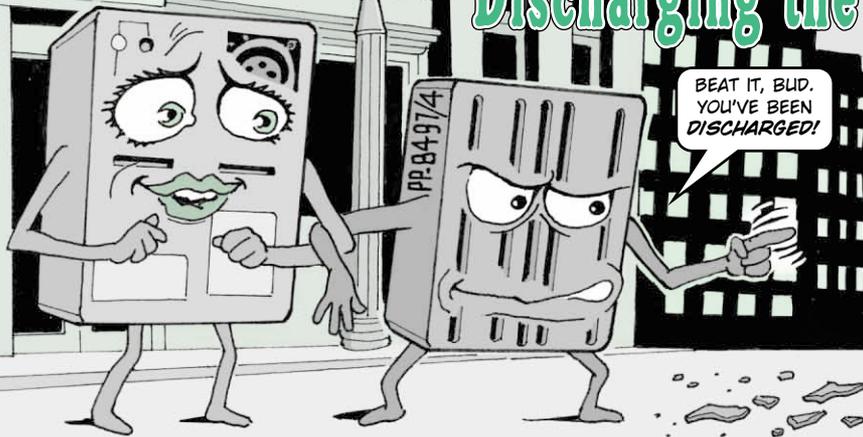


# Discharging the

# BB-390 Battery



There is a new discharge device on the block for the BB-390 rechargeable battery. It's the self-discharge device (known as a discharge cap), PP-8497/U, NSN 6130-01-490-4310.

The PP-8497/U replaces the PP-8448/U, NSN 6130-01-430-3108, for use on the BB-390s.

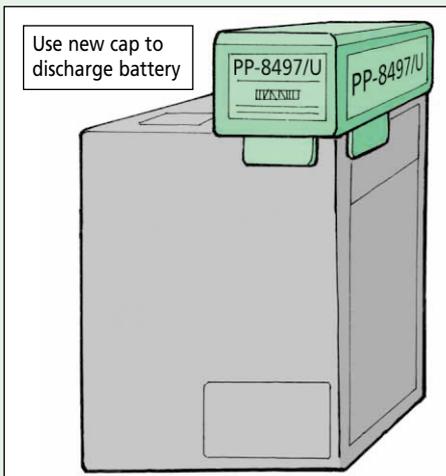
You will need one PP-8497/U for every five BB-390 batteries.

## Discharging

The cap will discharge the BB-390 without a power outlet. Discharge times will vary based on the BB-390's state of charge. A fully charged BB-390 takes 24 hours to discharge. Of course, if the state of charge is low from use, discharge times will drop.

Discharge every battery at least quarterly to ensure good running BB-390s.

If the date code on a new BB-390 is within 6 months of opening the box, then charge it and use it. If the date code is outside of six months, discharge the battery first and then recharge it before use.



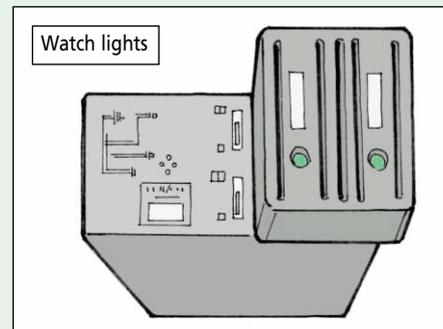
## How to Discharge

Place the cap on the BB-390. If both LEDs light green, your battery is OK. Both 12-volt sections are discharging properly. The discharge will continue until the lights turn off. Then remove the cap and go on to the next battery.

If one or both LEDs do not light green, then the BB-390 may be bad. Remove the cap and go on to the next battery. (See web site shown below for servicing info.)

However, if needed, a battery with one good 12-volt section can be used for light garrison duties in SINCGARS or other items. You'll get half the run time. But don't issue it as a "front line" battery and do turn it in for replacement as soon as possible.

Any BB-390 with a 1998 or earlier date that fails the cap check should be turned in for a fresh battery.



## Quick Screening

To do a quick screen of your BB-390 stock prior to charging, place the discharge cap on the battery, ensure both LEDs are green, unplug the cap, and go to the next battery. In a few minutes you can determine a good battery from a bad one.

For further information, go to the rechargeable battery web site at:

<http://www.monmouth.army.mil/cecom/lrc/lrcha/power/rechargebat.html>