

2.5 & 5.0 GPP Counter Module Trouble Shooting Guide

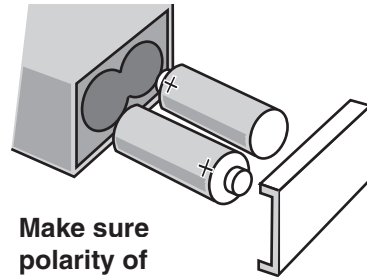
Problem: Counter Module does not properly increment or does not display numbers.

Possible Solution:

Remove the three large phillips head screws on each end of front panel (six total). Do not remove the smaller phillips head screws. Lift inner box assembly from outer box/lid assembly.

Remove the fifteen small phillips head screws that secure the “L” shaped bottom/back panel, the three phillips screws that secure it to the front panel and remove the bottom/back panel. You now have access to the back of the Counter Module.

If the Counter Module display is blank, with no zeros, the problem is most likely bad counter batteries or corrosion in the battery compartment area. To open the battery compartment on the back of the module, pry the plastic tabs apart enough to remove the rear cover. Remove the two batteries, noting their polarities and inspect the battery compartment for signs of corrosion. If all looks well, replace the batteries with two new “N” style batteries (available at most camera shops or from Smith-Root). There is a battery polarity diagram on top of the Counter Module if you are unsure of proper direction to insert batteries.



**Make sure
polarity of
batteries is
correct.**

If the counter displays a number but does not count, either the Counter Module is bad and needs to be replaced or there is a problem with the main circuit board in the GPP electrofisher. To figure out which is the case, you will need to access the two small wires that come out of the back of the Counter Module. The other end of the wires goes to a small plastic 2-pin connector on the corner of the electrofisher main circuit board. The connector is usually black or white and is sometimes labeled “P1” on the circuit board. Noting the polarity, slide the female connector half (with wires) off of the male connector half on the main electrofisher circuit board. Using a paperclip or small piece of wire, briefly short together the two pins in the female half of the connector (the ones attached to the wires). Each time you tap the two pins together with the paperclip the module should show a count. If it does not, the Counter Module needs to be replaced. If the counter shows a count but does not work during normal electrofisher operation (after being re-installed), there is a problem with the main circuit board and the electrofisher control box should be sent in for servicing.

Replacement Part Numbers:

#2093 - Counter Module

#2116 - “N” Style Batteries (2)