

Poulsbo Marina Guest Moorage Electrical Upgrades

Welcome to the Poulsbo Marina guest moorage!

Recently, the guest moorage facility was outfitted with all new power pedestals equipped with GFCI (Ground Fault Circuit Interrupter) breakers. As a result, you may have experienced difficulty connecting your boat to the power pedestal without the breaker shutting the power off.

How does a GFCI breaker work? The breaker can detect any difference between the amount of electricity flowing into a circuit and the amount flowing out of it. If the breaker detects a difference of at least 30 (.030) milliamps, which is the new National Electrical Code standard, it will shut off the circuit.

Why did the Poulsbo Marina install this equipment? The short answer is that we did not have a choice. It is required by the National Electrical Code. The standard was established in an effort to address the increasing Electric Shock Drowning issue.

What does this mean for you? If the breaker you are connected to keeps shutting off, it means that your boat is leaking electricity and the breaker has detected it. You will not be able to successfully connect to the power pedestal until the leakage is found and corrected, or at least isolated. If your boat is equipped with a generator, you can use it to power your boat in the meantime.

Breaker Operation:

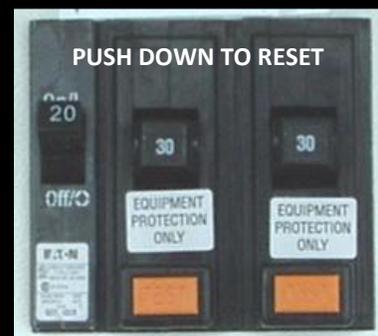
Switch Up=ON



Switch Down=OFF



Switch Middle=TRIPPED



How to reset a GFCI breaker. When the breaker trips, the switch typically falls to the center position. Although, sometimes it will remain in the up position, giving the impression that the breaker is still on. In either event, the breaker needs to be reset. To do this, simply push the switch to the Down position. Now the breaker is ready to be turned back on.