



P/N EL-MTR-PWMA (fig. 1)

As of December, 2006 Spectra Watermakers developed a new, proprietary speed controller in an effort to better serve our customers. This new speed control requires some wiring changes when upgrading from an older Winland (fig. 2) speed control found on the Newport Mk I series watermakers.

This new speed control operates using a “dry contact” run signal to trigger the Run High, Run Low, Flush, and Service speeds programmed into the Newport Series watermakers. As a result, the external DC relay board equipped on some systems (fig. 3) is no longer necessary.



Fig. 1



Fig. 2



Fig. 3

INSTALLATION INSTRUCTIONS

- Work should only be performed by a qualified Marine Technician.
- Follow the wiring schematics included with these instructions to confirm proper configuration of the speed control in your system.
- New mounting holes may need to be drilled into the sheet metal housing in order to properly mount the new speed control.
- When drilling holes in the sheet metal housing use care not to drill into any existing wiring or plumbing.
- Remove the external relay board (see fig. 2 on pg.1) and dispose of according to local regulations.
- Re-route the wires from the appropriate terminals on the MPC board (see attached schematics) to the speed control terminals located on the 8 terminal removable connector in the center of the speed control.
- Connect the Battery red battery + and yellow battery - cables to the corresponding battery posts on the speed control.
- Connect the red Motor + and yellow Motor - cables to the appropriate terminals on the speed control.





