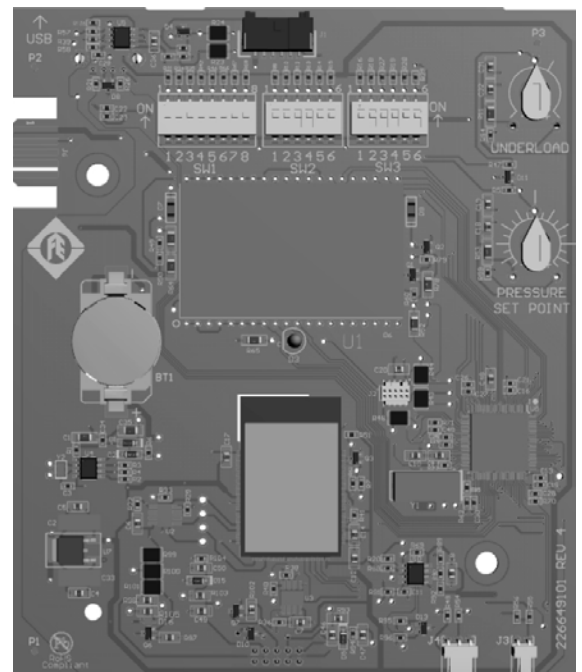


# Enhanced Display Board Replacement

Installation Manual

Kit No. 226540912



## Before Getting Started

### **⚠ WARNING**

Serious or fatal electrical shock may result from failure to connect the ground terminal to the motor, SubDrive/MonoDrive controller, metal plumbing, or other metal near the motor or cable using wire no smaller than the motor cable wires. To minimize the risk of electrical shock, disconnect the power before working on or around the SubDrive/MonoDrive system. **CAPACITORS INSIDE THE SUBDRIVE/MONODRIVE CONTROLLER CAN STILL HOLD LETHAL VOLTAGE EVEN AFTER POWER HAS BEEN DISCONNECTED.**

**WAIT 5 MINUTES BEFORE REMOVING THE SUBDRIVE/MONODRIVE COVER TO ALLOW DANGEROUS INTERNAL VOLTAGE TO DISCHARGE.**

Do not use motor in swimming areas.

### **⚠ ATTENTION**

This equipment should be installed by technically-qualified personnel. Failure to install it in compliance with national and local electrical codes, and within recommendations of Franklin Electric, may result in electrical shock or fire hazard, unsatisfactory performance, and equipment failure. Installation information is available through pump manufacturers and distributors or directly from Franklin Electric at the toll-free number 1-800-348-2420.

### **⚠ CAUTION**

The SubDrive/MonoDrive should only be used with Franklin Electric 4-inch submersible motors. Use of this unit with any other Franklin Electric motor, or with motors from other manufacturers, may result in damage to both the motor and electronics. In applications where water delivery is critical, a replacement pressure sensor and/or back-up system should be readily available if the drive fails to operate as intended.

## Tools and Hardware Required

Installation of the enhanced display board requires a screwdriver.

## Purpose

The enhanced display board replacement kit provides a degree of reparability for SubDrive/MonoDrive Connect models that have experienced damage to the display module, selection knobs, or other components of the enhanced display board assembly.

## Installation Procedure

### **⚠ WARNING**

DISCONNECT POWER AND WAIT 5 MINUTES BEFORE REMOVING THE DRIVE COVER TO ALLOW DANGEROUS INTERNAL VOLTAGE TO DISCHARGE

1. Remove the drive cover.
2. Disconnect the wire harness from the display board (Figure 1).
3. Slightly pull back on all four of the retention clips on the display board. Gently pull up on the display board to disengage the connector between the display board and the enhanced pressure input board (Figures 2A and 2B).
4. Install the replacement display board by lining up the bottom-side connector with the connector on the pressure input board. Press down until it is fully seated (Figure 3).
5. Reconnect the wire harness on the display board. Slightly tug on the wire harness to make sure it is fully seated (Figure 4).
6. Adjust the DIP switches, underload sensitivity knob, and pressure set-point knob to match the settings from the display board that is being replaced. If the FE Connect mobile app was used to adjust settings, these settings must also be adjusted on the new enhanced display board.
7. Replace the drive cover.

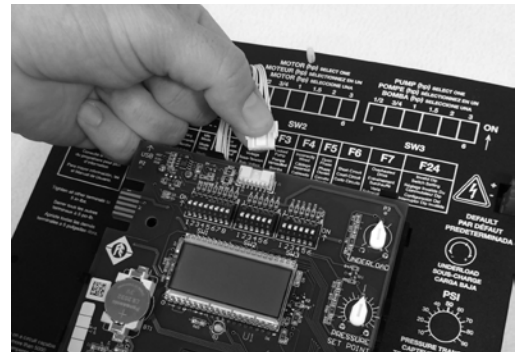


Figure 1

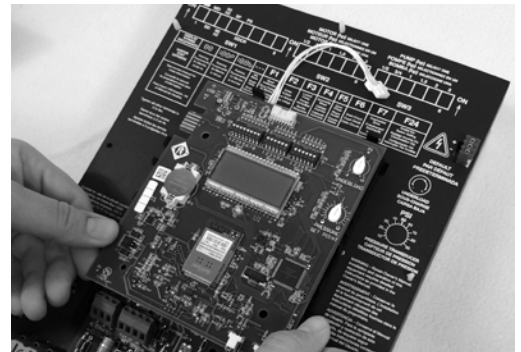


Figure 2A



Figure 2B



Figure 3

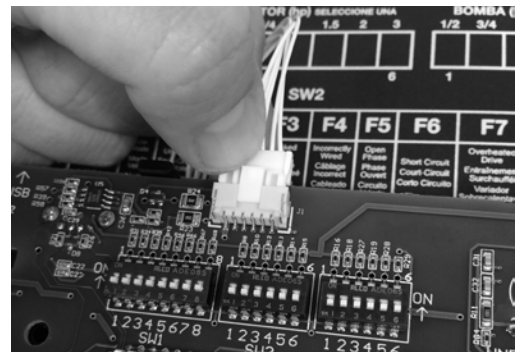


Figure 4

**TOLL-FREE HELP FROM A FRIEND**  
**Franklin Electric**  
**Technical Service Hotline**  
**800-348-2420**



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**Franklin Electric**

9255 Coverdale Rd., Fort Wayne, Indiana 46809

Tel: 260-824-2900 • Fax: 260-824-2909

[franklinwater.com](http://franklinwater.com)