

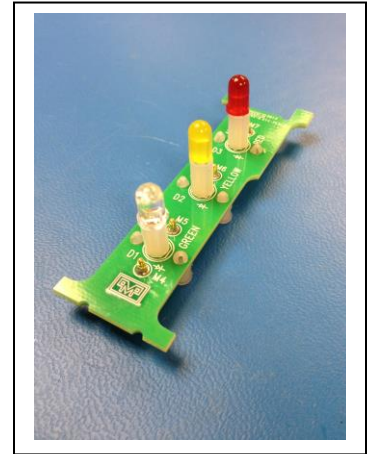
Tank Monitor Status Bulb Retrofit Kit – PMP #62500

Thank you for purchasing the enclosed PMP Status Bulb retrofit kit.

Veeder-Root® TLS-350, TLS-300, Gilbarco® EMC™, Red Jacket® Pro-Max™ and Red Jacket® Pro-Plus™ Consoles. This installation requires specific knowledge of these tank gauges and you may need to refer to the OEM manuals to complete the installation. This kit should only be installed by qualified service contractors.

Tools required:

- T-15 Torx® driver
- Flat bladed screwdriver



READ THIS GUIDE BEFORE YOU BEGIN

- Service station equipment has both electricity and hazardous, flammable and potentially explosive liquid. Failure to follow the precautions below and instructions in this guide may result in serious injury and death. Follow all rules, codes and laws that apply in your area.
- Veeder-Root requires training certifications for contractors who install and setup equipment related to the TLS-350. The minimum certification level for installation of this board is Level 2/3. Be sure that you have familiarized yourself with these requirements and determined if you are qualified to perform this installation.
- PMP shall not be liable for errors contained herein or for incidental or consequential damages in connection with furnishing, performance or used of this publication.
- PMP reserves the right to change product features or the information contained in this publication.

SAFETY PRECAUTIONS FOR INSTALLATION AND MAINTENANCE

- Only a person with knowledge and experience with service station equipment should perform this work.
- Always make sure ALL power to the equipment you are working with is turned OFF before starting any maintenance.
- Note that more than one disconnect switch may be required to de-energize the equipment for maintenance and servicing. Use a voltmeter to make sure ALL circuits in the dispenser are de-energized. Failure to do so may result in serious injury.
- Observe precautions for handling electrostatic sensitive devices and avoid ESD.



- 1** Begin the installation by removing the two T15 TORX® screws on the top & bottom of the console door (Figure 1)

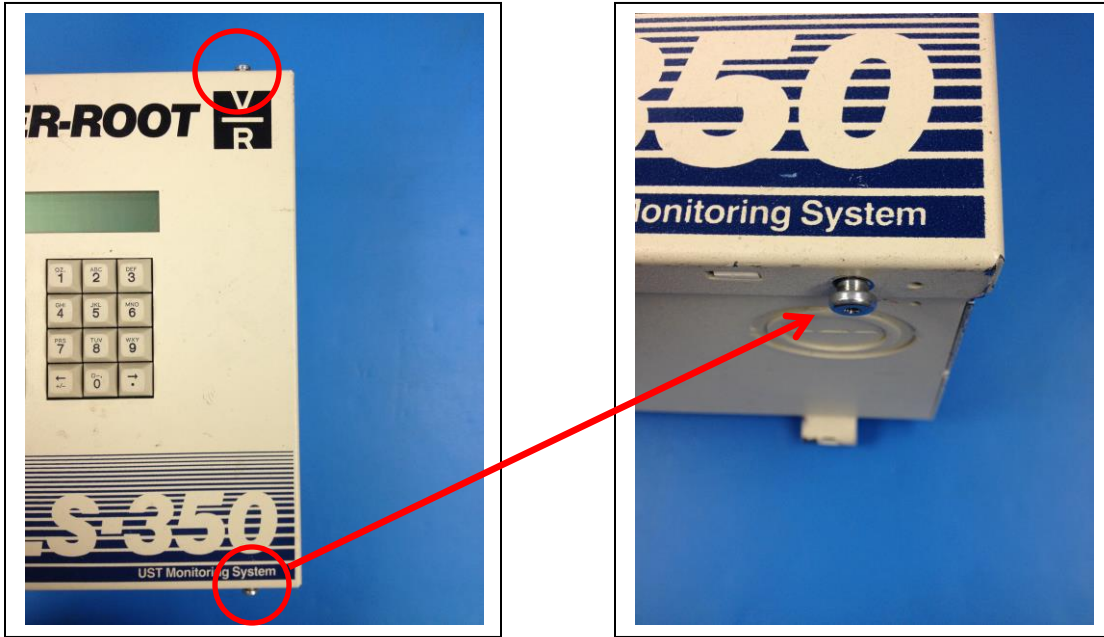


Figure 1 - Remove Door Screws

- 2** Open the right-side door of the Console, exposing the module compartment. Carefully use a flat bladed screw driver to retract the two snaps along the top edge of the inside cover (see photo below). This will allow you to remove the cover (note: you may need to un-plug the keyboard ribbon cable to allow you to completely remove the plastic cover)



Figure 3 - Removing Inside Cover

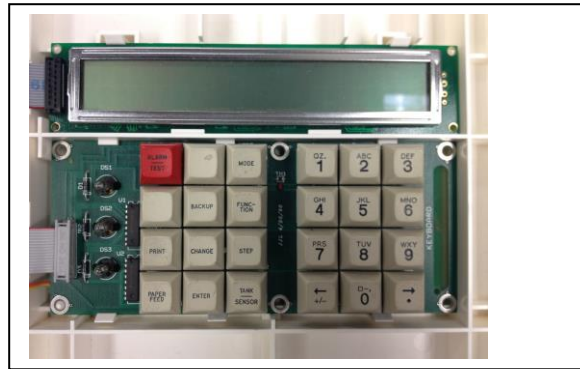


Figure 2 - Prior to Removing Keyboard

- 3 Once you have the safety cover removed, remove the keyboard by carefully releasing the three tabs along the bottom edge of the board. Remove the three bayonet style bulbs (by turning them counter clockwise).

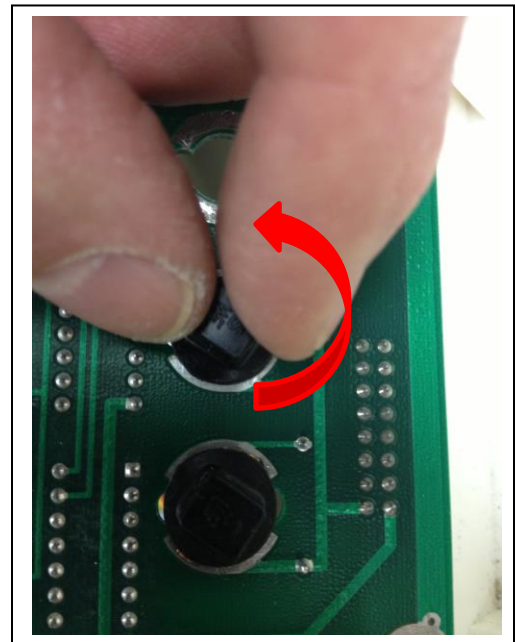


Figure 4 - Removing Incandescent Bulbs

- 4 Install the PMP Bulb Retrofit Board by aligning the top edge of the board with the square feature in the plastic safety cover. Lower the bottom edge until it meets with the wall of the cover and press into place until the board standoffs are sitting flat on the bottom of the plastic cavity.

Note: This design relies on a tight fit for alignment. Due to variations in the plastic part and board tolerances, you may find it a little too tight to install. We have included a small piece of emery cloth which you can use to remove any rough edges or burs that might remain from the manufacturing process. We recommend making just a couple of passes with the emery cloth along the bottom edge of the board, then check for fit.

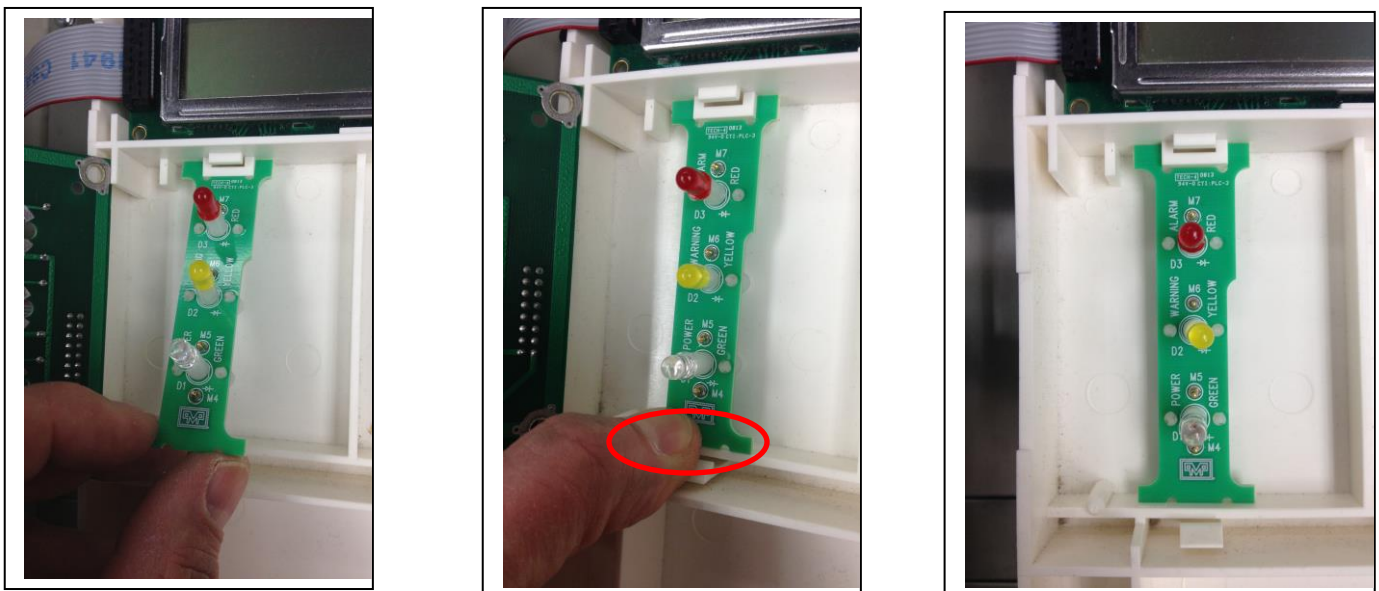
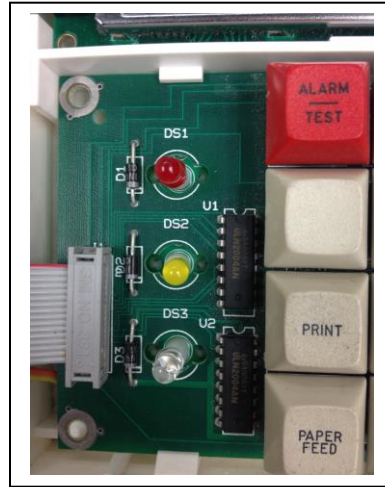
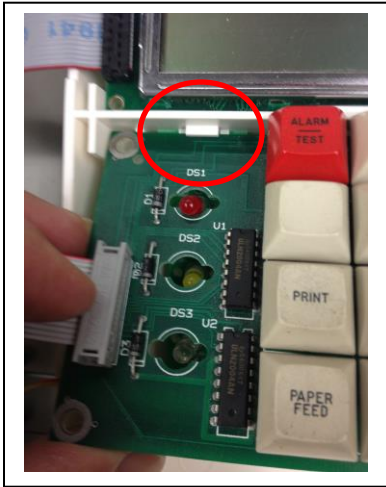


Figure 5 - Installing the PMP Bulb Retrofit Board. If necessary, make a couple of passes with the enclosed emery cloth along the bottom edge of the board (circled)

- 5 Reinstall the Console Keyboard by tipping the top edge under the features in the plastic cover (see photo). Carefully lower the board into position ensuring the LED's pass through the holes in the board. Once in place, press along the bottom edge until all three snaps have engaged to retain the board.



- 6 Complete the installation by reinstalling the plastic door cover and door screws. Confirm functionality.

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