

# Low Voltage • Liquid Level • Interior Alarms

- ⚠ Do not use in Hazardous Locations
- ⚠ Disconnect power before product installation or maintenance.
- ⚠ Only switches listed for use with septic systems may be connected.

- ⚠ Pump Power and Alarm Power must be on separate circuit breakers.
- ⚠ Install this product in accordance with National Electrical Codes, Plumbing Regulations and Local Codes.

## TM1 (120V) INSTALLATION DIRECTIONS

### Alarm Installation

1. Mark mounting hole locations on suitable interior location.
2. Insert the supplied screws in the mounting holes in the enclosure. Secure the alarm to surface.
3. Plug the power supply cord into a 120V household outlet. If the alarm is installed with a pump application, the pump and Septronics TM1 should be connected to separate circuits. This will ensure that the alarm operates even if there is a pump circuit failure.

### Control Switch Installation

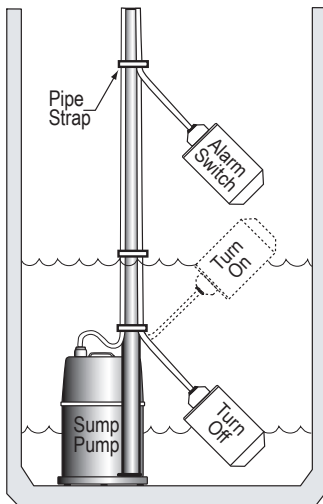
4. Establish the desired float level.
5. Strap the pipe clamp securely to the discharge pipe (**Fig TM1a**). Keep the switch cable between the clamp and pipe to eliminate slippage. Adjust switch level by sliding the pipe clamp up or down the discharge pipe.
6. Lock the releasable tab of the pipe clamp by running the remaining strap between the tab and the head. Pull tightly. Tuck strap back through head to minimize obstruction to the switch action (**Fig. TM1b**).
7. Crimp quick disconnects to switch cable. Slide up onto matching terminals on bottom of TM1 unit. (**Fig. TM1c**)
8. Check the installation by manually tipping the switch. The Septronics TM1 will indicate an alarm condition.

NOTE: Regularly test Alarm to ensure proper operation. Press test switch on the alarm. Alarm will sound.

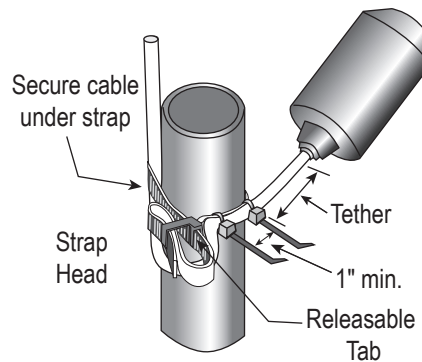
**Change the battery every six months.**

**(Unit # 2507 • Low Level Alarm indicates low liquid levels.)**

**(Unit #2503 • Auxiliary Dry Contacts Option)**



(Fig. TM1a)



(Fig. TM1b)



(Fig. TM1c)

## TROUBLESHOOTING TIPS FOR TM1 UNITS

TROUBLE	PROBABLE CAUSE	REMEDY
Alarm always sounds	<ol style="list-style-type: none"> <li>1. Switch slipped down pipe.</li> <li>2. System could be frozen. Water is not being dispersed from chamber.</li> <li>3. Pump not functioning.</li> <li>4. Moisture in wires creating short, insulation nicked, wires pinched.</li> </ol>	<ol style="list-style-type: none"> <li>1. Readjust and tighten pipe clamp.</li> <li>2. Check system.</li> <li>3. Troubleshoot pump.</li> <li>4. Check power lines and low voltage alarm line.</li> </ol>
Horn does not sound	<ol style="list-style-type: none"> <li>1. Check alarm test.</li> <li>2. Horn is defective.</li> <li>3. Unit is not plugged in.</li> <li>4. Wires removed from disconnect terminals.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check circuit breaker.</li> <li>2. Return if under warranty.</li> <li>3. Plug unit into outlet.</li> <li>4. Check terminals and disconnects.</li> </ol>