

# Installation

## ! WARNING

### Fire, Explosion, and Electric Shock Hazard



Installing and servicing this equipment requires access to parts which may cause electric shock or other serious injury if work is not performed properly.

- Do not install or service this equipment unless you are trained and qualified.
- Comply with all applicable local, state, and national fire, electrical, and other safety regulations.

## Programming Tank Levels

Once the tank sensor(s) has been installed it is necessary to program the tank levels using the Matrix software that is installed on the computer. This can be accomplished by referencing the correct step in manual 309501 Matrix PC Software Guide.

## Tank Level Sensor Installation

- 1 Remove the bung or plug from the tank that the sensor will be installed on. See FIG. 1.
2. Screw the tank level sensor into the tank. **Hand tighten only.**

New Drawing being completed

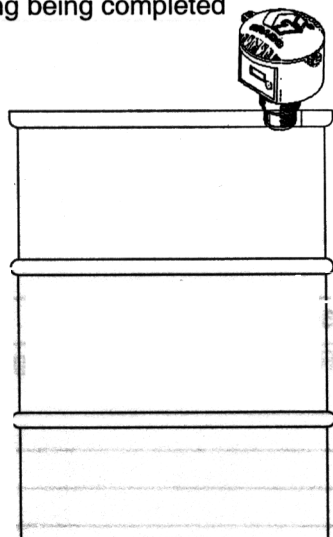


FIG. 1

# Operation

## Viewing Tank Levels

Tank levels can be viewed on the tank sensor when installed on a storage tank.

1. Press and release the tank read button (A). See FIG. 2.
2. The LCD (B) displays the first screen with the gallons remaining in the storage tank. This screen displays for approximately 4 seconds.

Note: the tank sensor can be set to display in gallons or liters through the Matrix PC software. The maximum amount that can be shown is 99,999 gallons.

**99,999  
Gallons**

3. A second screen then displays the remaining life of the unit's batteries. This screen displays for approximately 3 seconds. Batteries should be replaced when the remaining percent drops below 10%. More often if the unit is operating on a frequent basis.

**100%  
Battery**

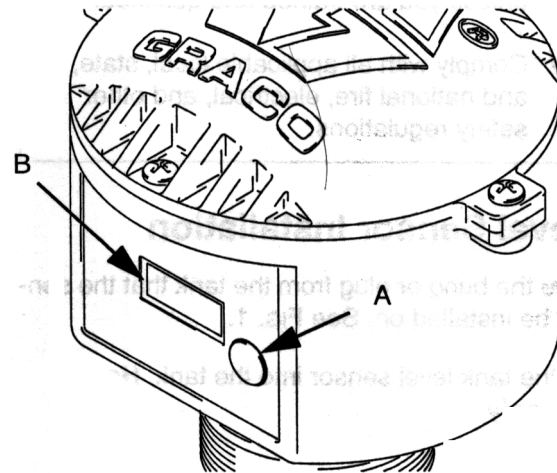


FIG. 2

## Troubleshooting

Problem	Cause	Solution
LCD display begins to fade or does not display at all	weak or dead batteries	Replace batteries (see page 5)
Incorrect readout		