



Installation Instructions



Note: NOT FOR USE IN HAZARDOUS ENVIRONMENTS. DO NOT USE FOR GASOLINE OR OTHER POTENTIALLY EXPLOSIVE SUBSTANCES.

Installation instructions: (*HAND TIGHTEN, DO NOT USE WRENCHES*)

The sensor will install into an available 2" port at the top of the tank. Start threading the sensor gently into the port, being careful not to cross-thread the unit. To complete the installation, the unit may be **HAND tightened**. There is no need to use putty or Teflon tape because the thread is tapered and is self-sealing.

CAUTIONS: To avoid false readings from the sensor, the lower (gray) portion of the sensor should ideally end up below the threaded port, and protrude into the tank opening.

There must be no obstructions between the tank port and the surface of the oil, or the sensor may return false readings. Check that there are no floats, hoses or other potential obstructions visible through the port that may interfere with the acoustic sensor reading.

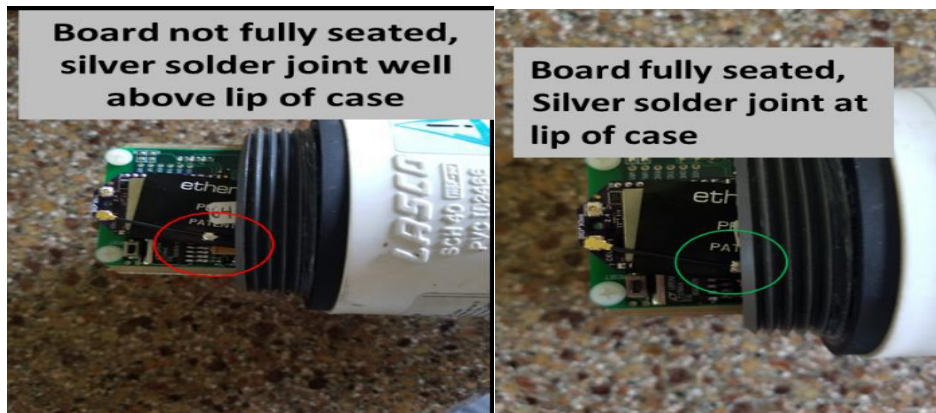
OPENING CASE TO TAKE IMMEDIATE READING OR TO CHECK BATTERIES:

Unscrew the lid of the unit, check that batteries are installed. (4 Energizer Ultimate Lithium AA).

To take an immediate reading, press and release the Reset Button. Lights on the sensor should turn on and may blink or be steady as it goes through its initial diagnostics and then attempts to communicate with the cellular tower—if you see no lights at all when you reset the unit, the batteries are most likely dead and should be replaced. Use **ONLY** Energizer Ultimate Lithium AA batteries. If you have cellular coverage in the location, the unit will send a few messages to the back office and then go to sleep until the next programmed wakeup. The first reading should be visible in the Web Portal within a few minutes.



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When replacing the cap, first check that the sensor board is inserted all the way into the unit, and that no wires will be pinched. **With OLDER mounting styles, the silver bead on the antenna will be your guide.** With new, taller caps, the backboard rests on the TOP of the threads, ensuring clearance.

We recommend a bead of Silicone Grease be applied to act as a secondary water seal.

HAND TIGHTEN until the cap makes firm contact with the rubber O-Ring. Do not tighten so much that the rubber O-Ring is squeezed out of the gap. If the cap binds before reaching the O-ring, recheck that the sensor board is fully inserted into the unit.



CAUTION! To satisfy FCC RF exposure requirements for mobile transmitting devices, a separation distance of 20 cm or more should be maintained between the antenna of this device and persons during device operation. To ensure compliance, operations at closer than this distance are not recommended. The antenna used for this transmitter must not be co-located in conjunction with any other antenna or transmitter.



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