

Cutting & Calibrating Your **XINTEX**[®] Pneumatic Tank Sender

FIREFEBOY[®] - **XINTEX**[®]

Factory calibrated senders are available in one inch increments from 7” to 36” in length. All Xintex senders are field calibrated. To cut and calibrate your own Xintex sender, follow the instructions below.

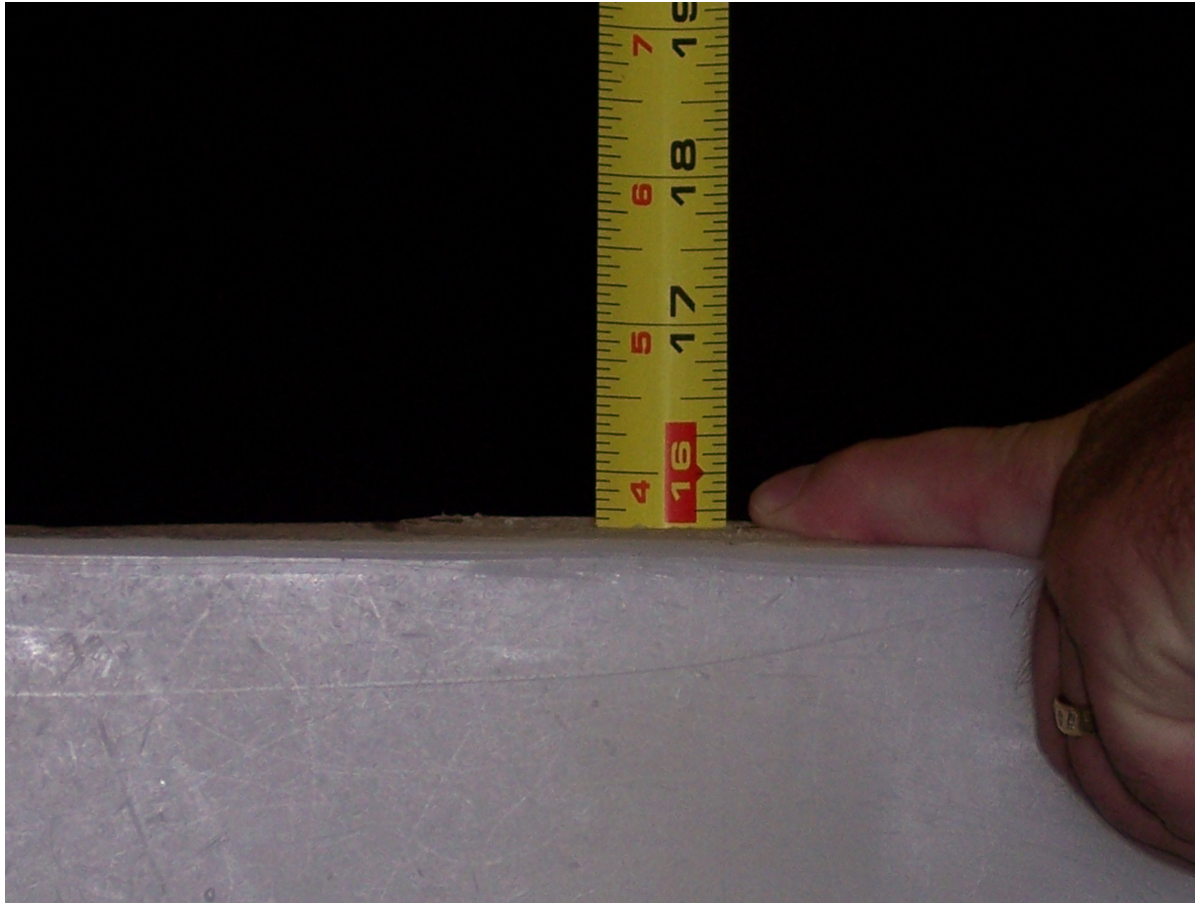


To cut and calibrate your sender you'll need:

- PFS or PTS sender
- LLM-1 or LLM-2 series display

And the following tools:

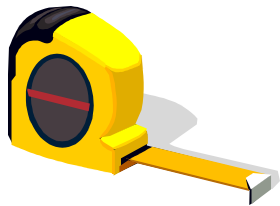
- 5-gallon bucket or tank
- Fine tooth hack saw
- Measuring tape
- Razor knife or box cutter
- Masking tape



Step 1: Measure your holding tank

$$\begin{array}{r} \text{Sender Length} = \text{Depth of tank} \quad \text{ie. } 24.0'' \\ \text{Minus} \quad \underline{\quad - 1.5''} \\ \quad \quad \quad 22.5'' \end{array}$$

Rounded down = 22 inch sender



Step 2: Determine the desired length for your sender by subtracting 1.5" from the depth of your tank (from the top of threads or to flange) and then rounding down



Step 3: Score the surface of your sender to mark the cutting line
(or mark with masking tape as shown above)



Step 4: Carefully cut the sender using a fine-tooth, hand held saw
(Secure tightly to avoid damaging vibrations)



Step 5: Snap the sender to complete the break



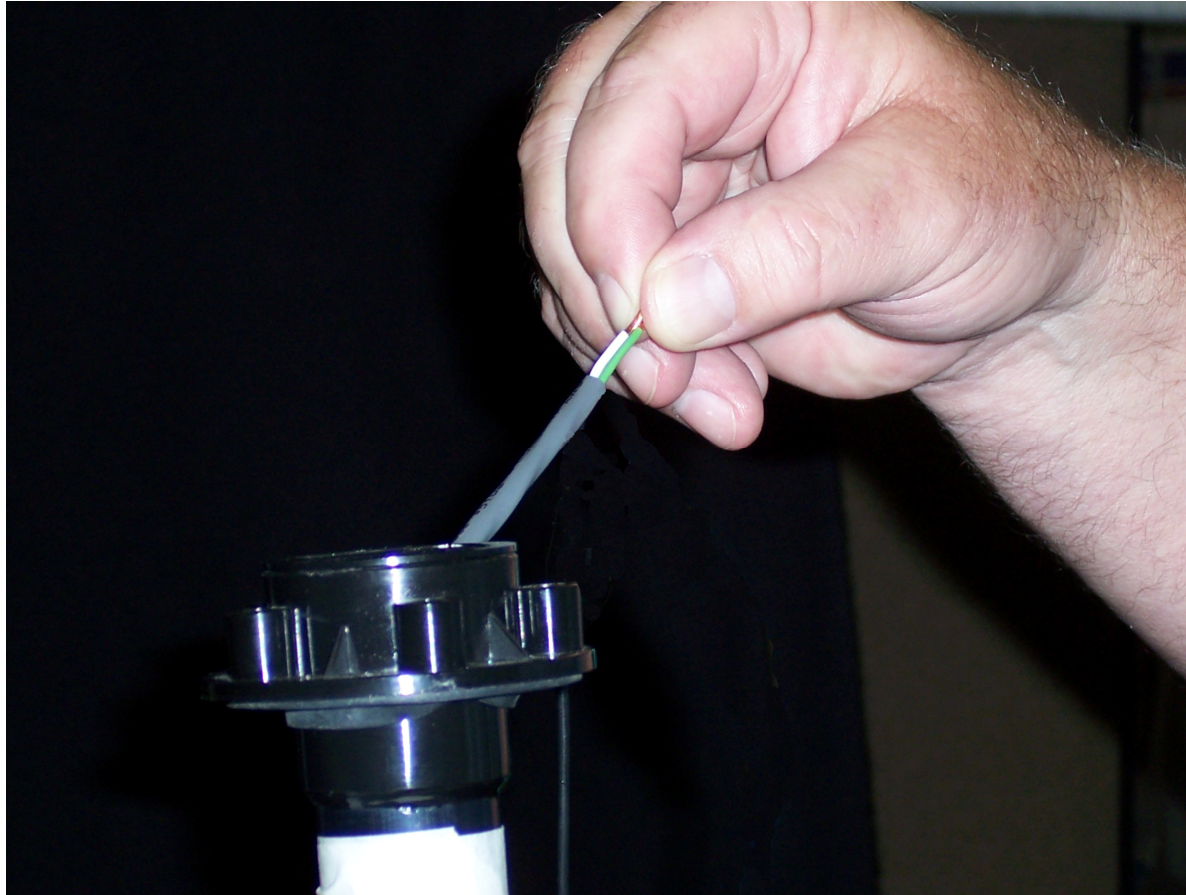
Step 6: Using a razor knife or box cutter,
smooth any rough edges



Step 7: After connecting the sender to the display begin the calibration process by marking the sender, determining the “empty” setting



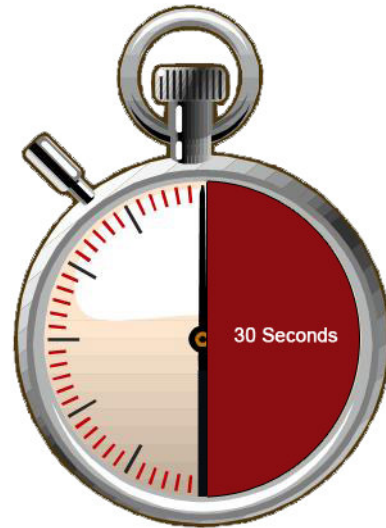
Step 8: Next, mark the sender at the “full” point*
* (Factory recommendation is 2” from the top of sender)



Step 9: Remove the pre-stripped sheathing from the green and white wires and touch them together, or use a wire nut.



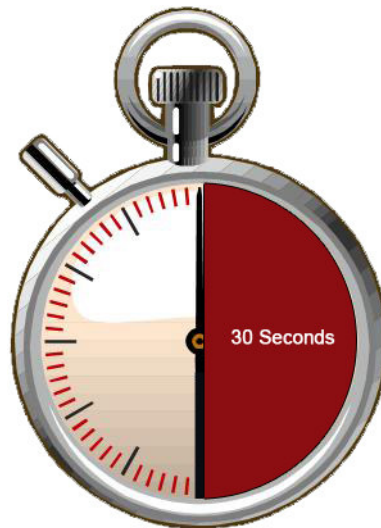
Step 10: Submerge the sender to the level at which you want the display to read “empty”



Step 11: Connect the red and black wires from the display to a 12V source and wait 30 seconds.



Step 12: Submerge the sender to the level at which you want the display to read “full” (factory setting is 2” from the top of the sender)



Step 13: Disconnect the green and white wires and wait 30 seconds. Remove power. The unit is now calibrated.



Step 14: Snip the exposed green and white wires back to avoid accidental entry into calibration mode. Empty, half and full level displays shown above.*

*There is a 10-second delay for software updates between level readings