

# TANK LEVEL SENSOR INSTRUCTION SHEET

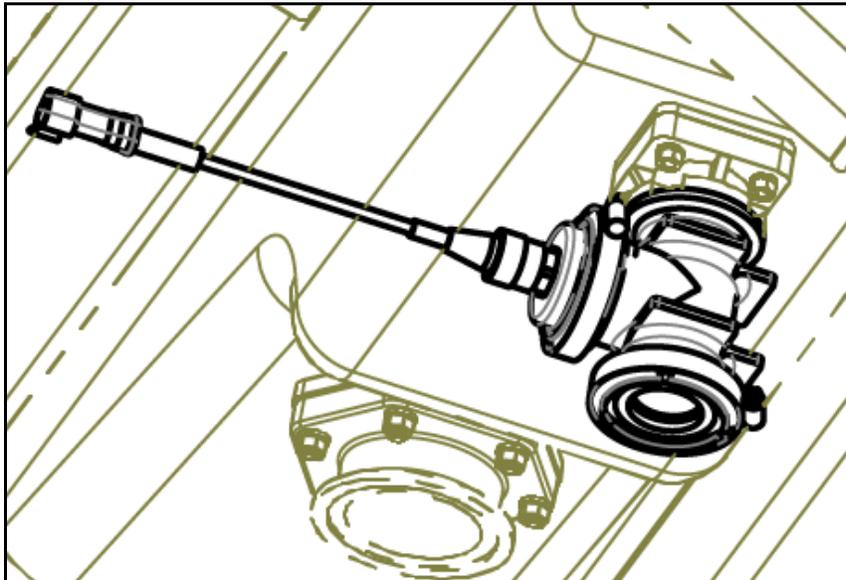
## TANK LEVEL SENSOR INSTALLATION

**NOTE:** Prior to installing the tank level sensor, ensure the liquid system has been rinsed and drained to avoid contact with chemicals. Wear proper Personal Protective Gear (PPE) when working on sprayer plumbing.

1. Install the tank level sensor inside the bottom of the tank, placing the sensor as close to the bottom-middle as possible.

**NOTE:** The tank level sensor will only be accurate if placed in a good position. If it is in the front or the back of the tank, and/or the sprayer is on uneven ground, the readings will be inaccurate. Tank level will only be measured from liquid touching the sensor.

FIGURE 1. Tee Fitting



**NOTE:** The tank level sensor has a 1/4" NPT thread to install it in the tank.

2. Ensure that the thread sealant is used on the threads and that the sensor is placed in the system in such a way that it will drain when the tank is emptied.

**NOTE:** All liquid must be drained from the sensor to prevent any damage from freezing or erosion.

If a liquid sealant is used on the threads of the tank level sensor, ensure no sealant is allowed into the hole end of the tank level sensor.

3. When being used with RCM, connect the tank level sensor to the Tank Fill Meter Connection or Tank Level Connection.

**NOTE:** Only the tank level sensor is provided; all fittings to get into the tank must be provided by the installer.



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## TANK FILL CALIBRATION

1. Navigate to the diagnostics test tab on the display.

NOTE: Refer to the RCM manual for a more detailed guide to the display.

FIGURE 2. Diagnostics Test Tab

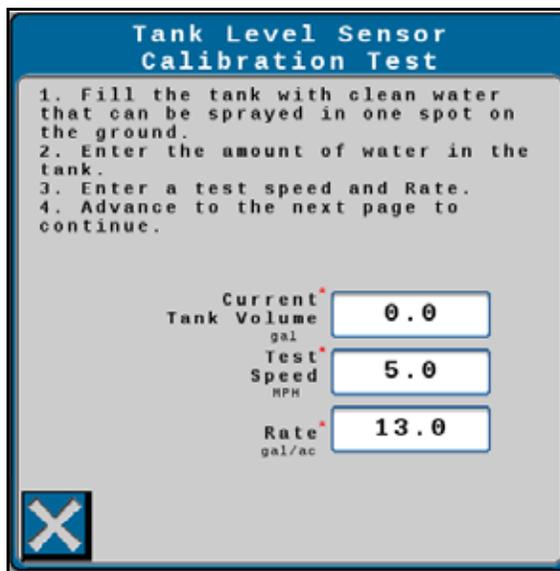


2. Fill the tank with a known volume of liquid so that the tank is full.

NOTE: Liquid will have to flow through the main flow meter to calculate the ratio of voltage to tank volume.

3. Manually enter the tank volume, test speed, and application rate of the liquid.

FIGURE 3. Tank Level Sensor Calibration Menu



4. Turn on the master switch and press start.

5. Wait for the tank to empty as the diagnostics test begins.
6. Supervise the test and observe the results.

FIGURE 4. Tank Level Sensor Calibration Progress and Results

