

Adjusting the Pressure Zero Pot of the CT1000

This procedure is to be used on units with version 7 firmware and lower. Version 8 firmware employs software to tare the zero.

For testers which demonstrate a pressure offset when at Opsig, an adjustment to the pot can be made.

NOTE: Readings which are less than 0 are truncated to 0 – avoid overshooting

- 1) Ensure that the unit has no pressure on the TEST port. The easiest means is to disconnect the TEST line.
- 2) Turn the unit OFF – when removing the leak tester cover there is a stud on the cover which can cause short circuiting if care is not taken
- 3) Remove the cover of the leak tester.
- 4) Turn the unit ON. If the unit has been powered down for a significant period of time it may take up to 30 minutes for the electronics to warm up.
- 5) Change the parameter on the leak tester to PRESSURE. This should appear in both RUN and SETUP modes
- 6) Using a small flat-head driver, carefully turn the pot outlined in the photo below until PRESSURE reads 0. It will be closest to the REAR of the unit, marked VR1.

NOTE: The pot will most likely not need to be turned much, ie. ~1/10th turn

