

GTH SERIES / ULTRAMAX III (GTH 050, 070, 085 & 100) INSTRUCTIONS PRESSURE SWITCH TAP REPAIR KIT KIT #550001913

Kit installation shall be completed by qualified agency.

⚠ WARNING

Fire, explosion, asphyxiation and electrical shock hazard. Improper installation could result in death or serious injury. Read this instruction and understand all requirements, including requirements of authority having jurisdiction, before beginning installation. Installation not complete until appliance operation verified per Installation, Operation & Maintenance Manual provided with furnace.

⚠ WARNING

Electrical shock hazard. Turn OFF electrical power supply at service panel.

1. Tools required:
 - 1/2" Socket or nut driver
 - 5/16" Socket or nut driver
 - High temperature silicone
2. Kit includes the following parts:
 - Self tapping bolt. Part Number 240007208
 - PVDF plastic hose barb adapter. Part Number 240010597.
 - Instructions. Part Number 240007080
3. Make sure to remove any pieces of the original Nylon hose barb. Pieces in the recovery coil should not pose any problems
4. Take the large self tapping bolt and insert into the steel opening in the recovery coil where the Nylon pressure switch tapping was installed. **Figure 1.**
5. Start turning the bolt with a 1/2" socket or nut driver, to create a thread for the brass hose barb. Completely thread the bolt in until flush with inner front panel to ensure alignment. **Figure 2.**

Figure 1

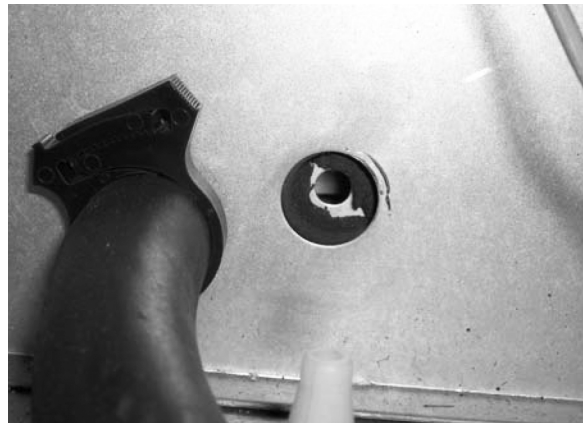


Figure 2



Figure 3



6. Remove the bolt.
7. Use a small amount of high temperature silicone sealant on hose barb threads leaving the first 2 threads bare. **Figure 3.** Verify no silicone is in the fitting.
8. Thread the hose barb fitting into the recovery coil until seated. **Figure 4.**
9. Reattach the pressure switch tubing to the new fitting. **Figure 5.**
 - A. **NOTE:** trim 3/8" of the existing tubing, it may have become stretched from the old hose barb.
10. Test operation of unit.

Figure 4



Figure 5

