

PRESTO-TAP® Leak Detection System (LDS) Series 1400 and 3800

INSTALLATION INSTRUCTIONS

This device can only be used on tanks that incorporate a cover or protective housing and should be installed within the confines of that cover.

- 1) Remove the existing “pigtail.”
- 2) Check the tank valve for leaks.
If this valve is leaking, it must be repaired before installation of the PRESTO-TAP LDS pigtail, since the valve becomes part of the piping system.
- 3) Install the PRESTO-TAP LDS unit in place of the existing “pigtail.”
- 4) Check the installation for leaks.
- 5) The installation is complete!!!

Note: We suggest that you install an accessible cutoff valve on all appliances with “standing pilots” and inform the customer to turn off this valve if he is out of gas. This valve should be labeled with a warning: *not to be turned on until qualified personnel test the appliance.*

OPERATING INSTRUCTIONS

- 1) Remove the cap on the PRESTO-TAP LDS pigtail and install the PRESTO-TAP gauge. **DO NOT OVERTIGHTEN.**
- 2) Observe the PRESTO-TAP gauge pressure reading. It should be close to the ambient temperature (outside/surrounding temperature) if there is liquid present in the tank.
 - a. In case of a sudden rise or drop in ambient temperature (such as early morning), the gas pressure will not change as rapidly, due to the mass in the tank. So the pressure reading may be a little different from the ambient temperature reading.
 - b. If there is high usage by the customer, the reading may be low, in which case the frost line on the tank must be used to determine the liquid level in the tank. In this case, a larger tank might be needed.
- 3) If the PRESTO-TAP gauge indicated there is liquid in the tank, simply fill the tank, record your readings (ambient temperature and pressure) and proceed to the next stop.
If the customer indicates that there is no gas supply at their appliances, the down stream piping must be checked for non-functioning regulators or blockage in the piping. Also, be sure to check appliance valves.
- 4) If the PRESTO-TAP gauge indicates the tank is out of gas, turn off the tank service valve and begin filling the tank.
- 5) When there is sufficient pressure in the tank, turn on the tank service valve momentarily---then back off again---to charge the system.
- 6) Loosen the PRESTO-TAP gauge nut slightly to drop the pressure in the gauge approximately 10# or so; then tighten the nut back to its original position.
- 7) A rise in pressure indicates a leaking service valve. Repair or replace.
- 8) A drop in pressure indicates a leak in the system. The service valve **MUST BE LEFT OFF**, the customer informed and the office notified that service back-up for repairs is needed. Follow company procedures.
- 9) If the customer is at home and complains of abnormally high gas usage, the system may be checked by the driver and observed by the customer for tightness.

Note: We suggest that when the office receives an out-of-gas call, that the customer be instructed to turn off the previously installed cutoff valves on appliances with “standing pilots.”

U.S. Patent Nos. 5,787,916 and 5,992,438 and 6,209,560 and 6,209,562 and 6,233,766

UL Listed

And Other Patents Pending

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