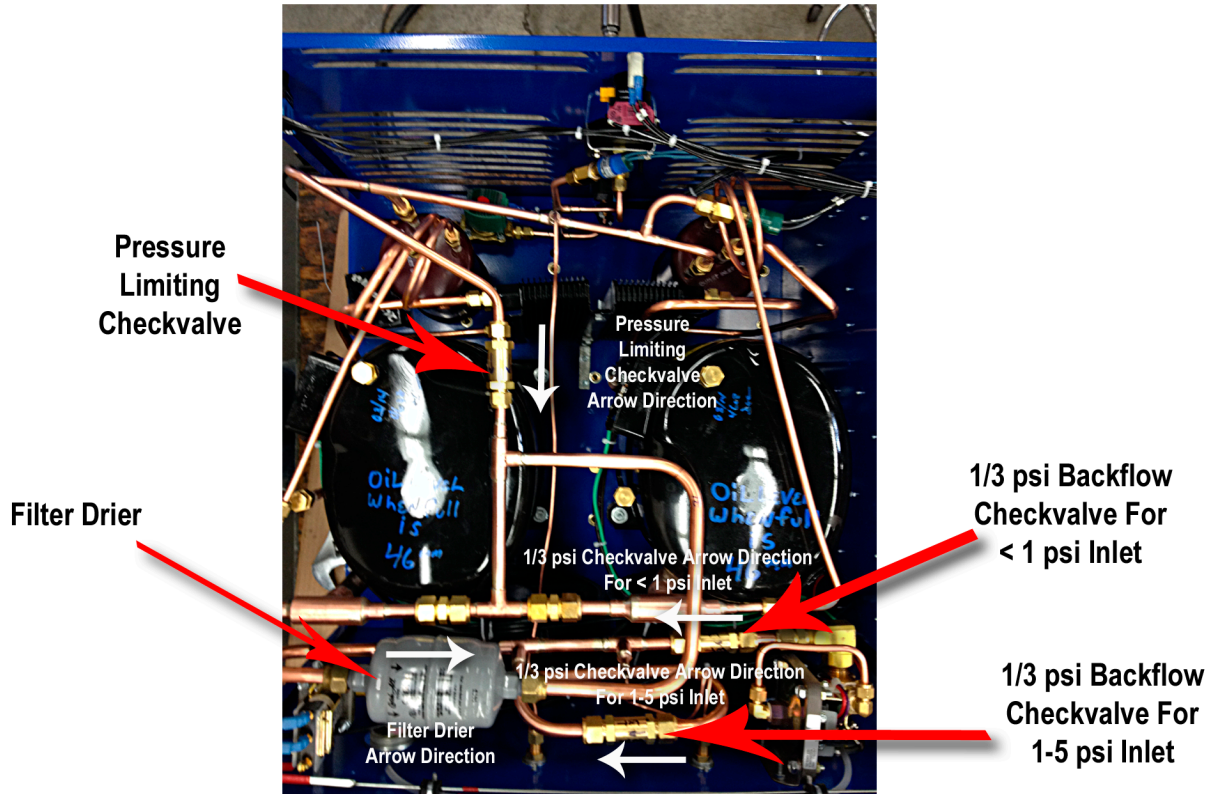


# TB-500 Maintenance Instructions

Instructions for Filter Drier, 1/3 psi Backflow Checkvalve and Pressure Limiting Checkvalve

**WARNING: TURN OFF NATURAL GAS AND DISCONNECT ELECTRIC POWER TO THE TORCH BOOSTER BEFORE STARTING - NOTE: TB-500 IS HARD WIRED TO BUILDING POWER**



**Filter Drier Replacement:** Remove 2 nuts on old Filter Drier using 3/4" wrench on the Filter Drier and 15/16" wrench on the flare nuts. Pull tubing out of the old Filter Drier and remove it from the TB-500. Place the new Filter Drier in the machine and be sure the arrow points in the right direction (see photo, above). Insert tubing into the Filter Drier and tighten the nuts.

**1/3 psi Checkvalve Replacement:** (Determine whether you are replacing the <1 psi Inlet or 1-5 psi Inlet Checkvalve) Loosen nuts with 7/8" wrench while holding the body of the Checkvalve with a 7/8" wrench. Pull tubing from Checkvalve body and put the new Checkvalve in place. Be sure arrow is pointing in the proper direction (see photo, above). Retighten nuts while holding body of the Checkvalve with the 7/8" wrench.

**Pressure Limiting Checkvalve Replacement:** (NOTE: Your checkvalve may be set for 40 - 60 psi) Loosen nuts with 11/16" wrench while holding the body of the Checkvalve with a 7/8" wrench. Pull tubing from Checkvalve body and put the new Checkvalve in place. Be sure arrow is pointing in the proper direction (see photo, above). Push tubing into the Checkvalve up to the ring then tighten nuts while holding body of the Checkvalve with the 7/8" wrench.

Reconnect electrical power to the Torch Booster, be sure gas valve is open and start the unit.

**WARNING: CHECK FOR GAS LEAKS WITH SOAPY WATER AND SMELL FOR "GAS". IF THERE IS A GAS LEAK TURN OFF THE UNIT, UNPLUG, TIGHTEN FITTINGS AND RECHECK.**

**IF THERE ARE NO LEAKS REPLACE THE COVER AND THE SYSTEM IS READY TO USE.**