

Humidity Generation and Calibration Equipment

THUNDER SCIENTIFIC

CORPORATION THE HUMIDITY SOURCE

Model 2500

Air Tank Bleed Valve Installation Procedure



Tech Support Document TSD-0203

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623 WYOMING BLVD. SE



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2500 Air Tank Bleed Valve Installation Procedure

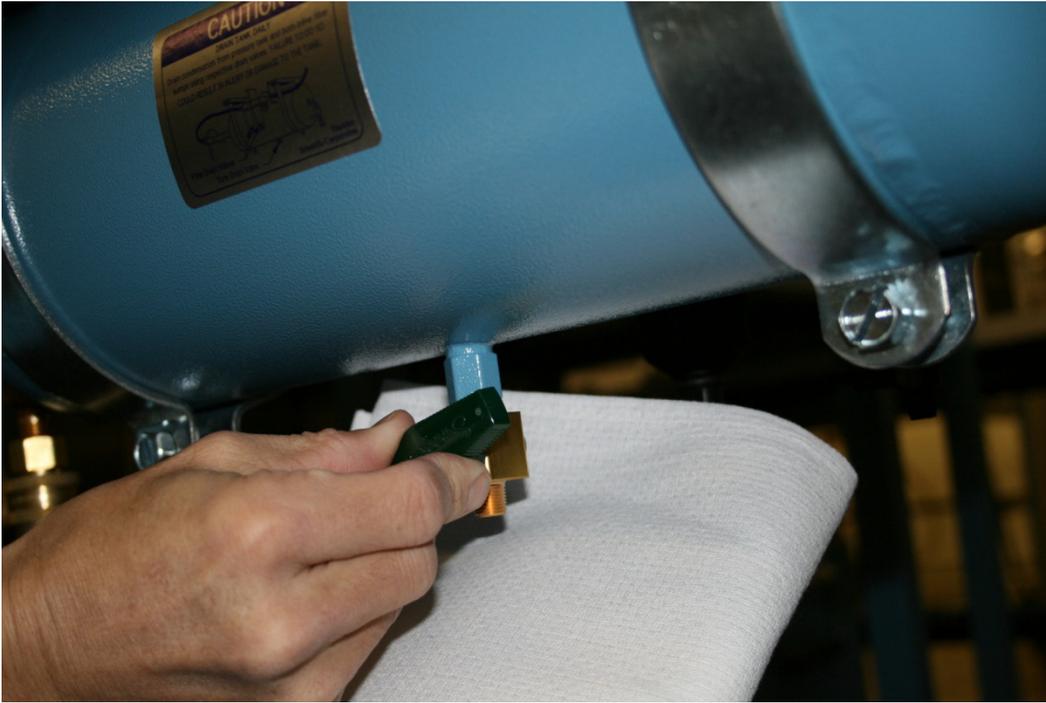
1. Make sure the 2500 system has been shut off.



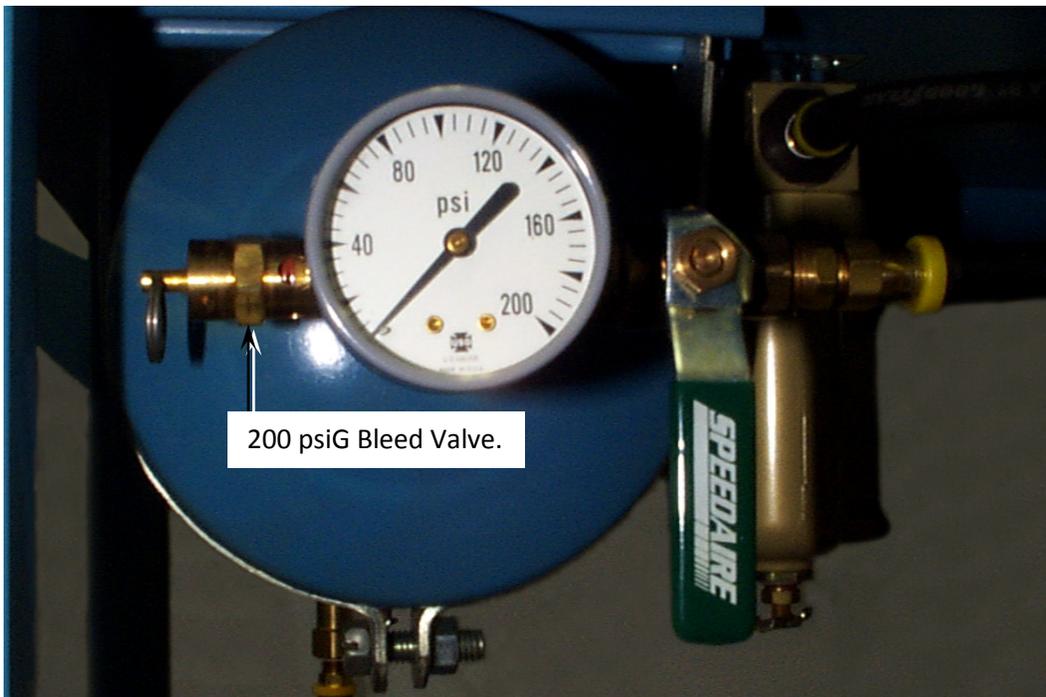
2. Shut off the air tank valve handle.



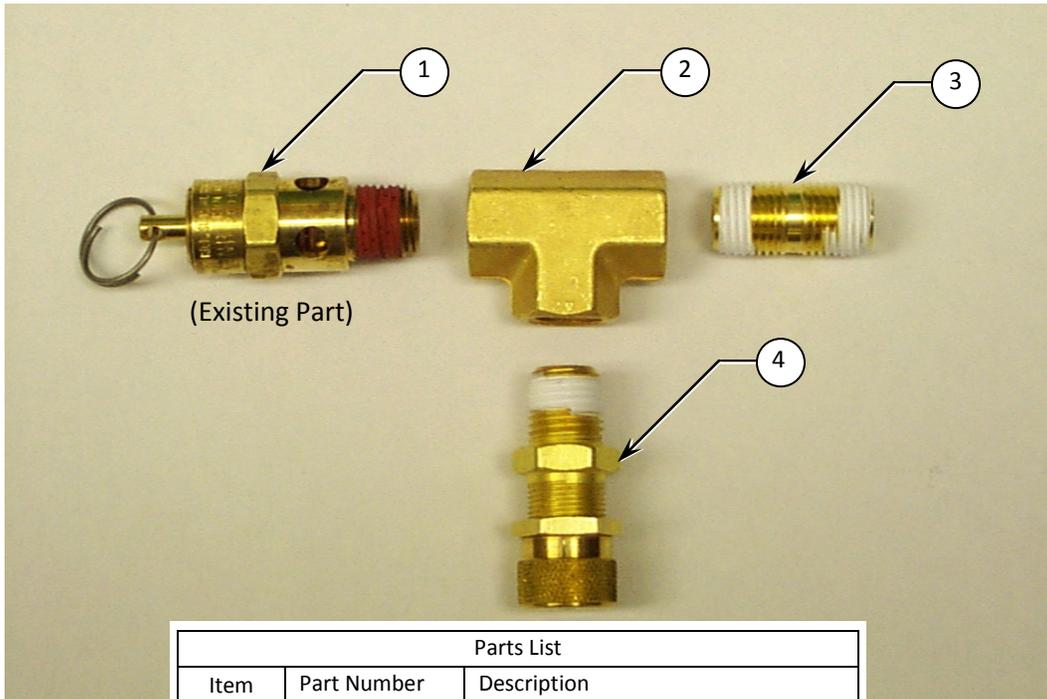
3. Turn the air tank drain valve to the open position to bleed off any excess air, be sure to hold a rag underneath the drain to catch any small amount of water that may release.



4. Remove the 200 psiG bleed valve from the air tank using an 11/16" wrench.



5. This is the configuration of the additional bleed valve, tee and nipple.



Parts List		
Item	Part Number	Description
1	G5A710	Valve, 200 psiG Air Relief Bleed
2	B4-T	Tee, 1/4" Brass FPT
3	B4-CN	Nipple, 1/4" Brass Close
4	NG16-004-012	Valve, 125-300 psiG Adjustable Relief

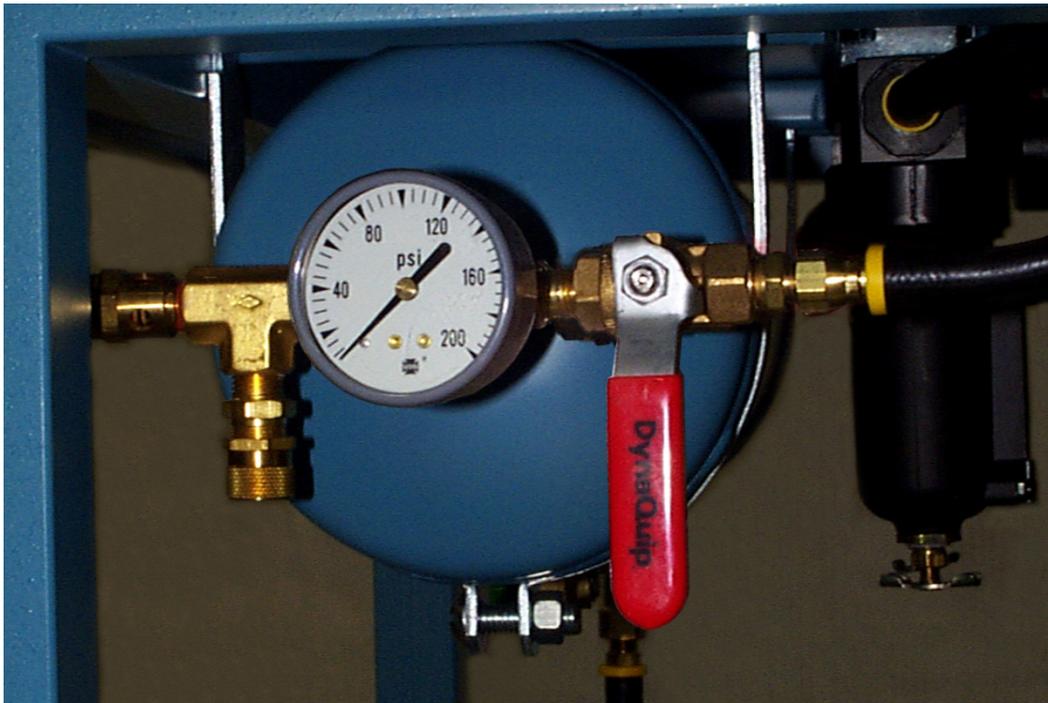
6. Insert the 200 psiG bleed valve into the left side of the tee and the nipple in the right side.



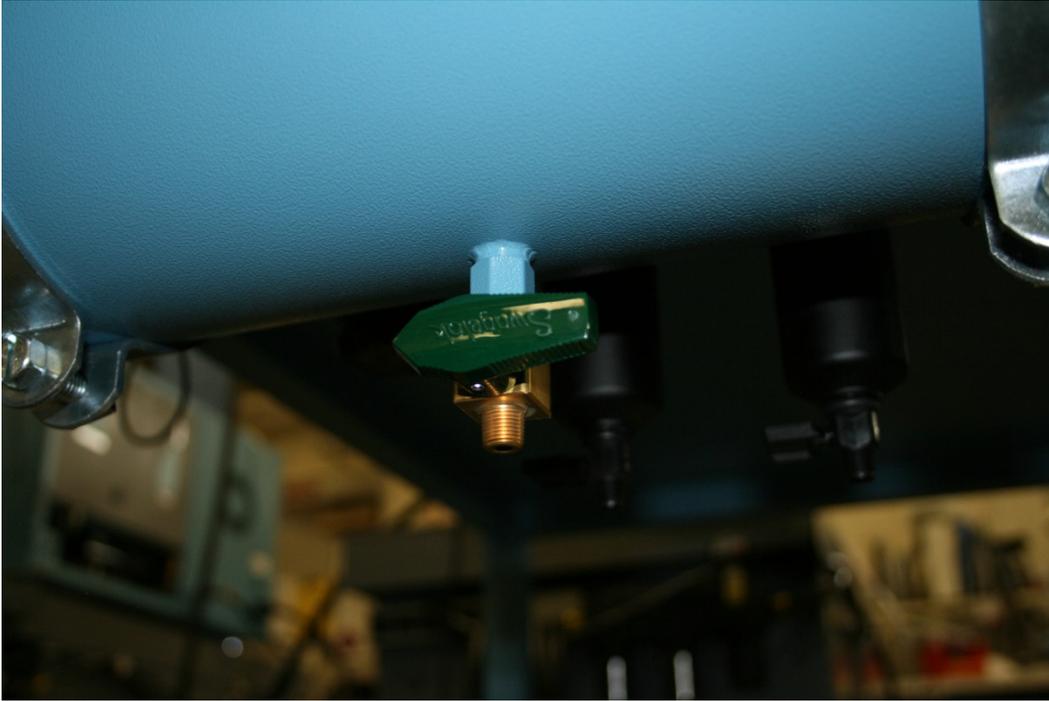
7. Insert the nipple end of this configuration into the air tank cross fitting, making sure the open end of the tee is facing down.



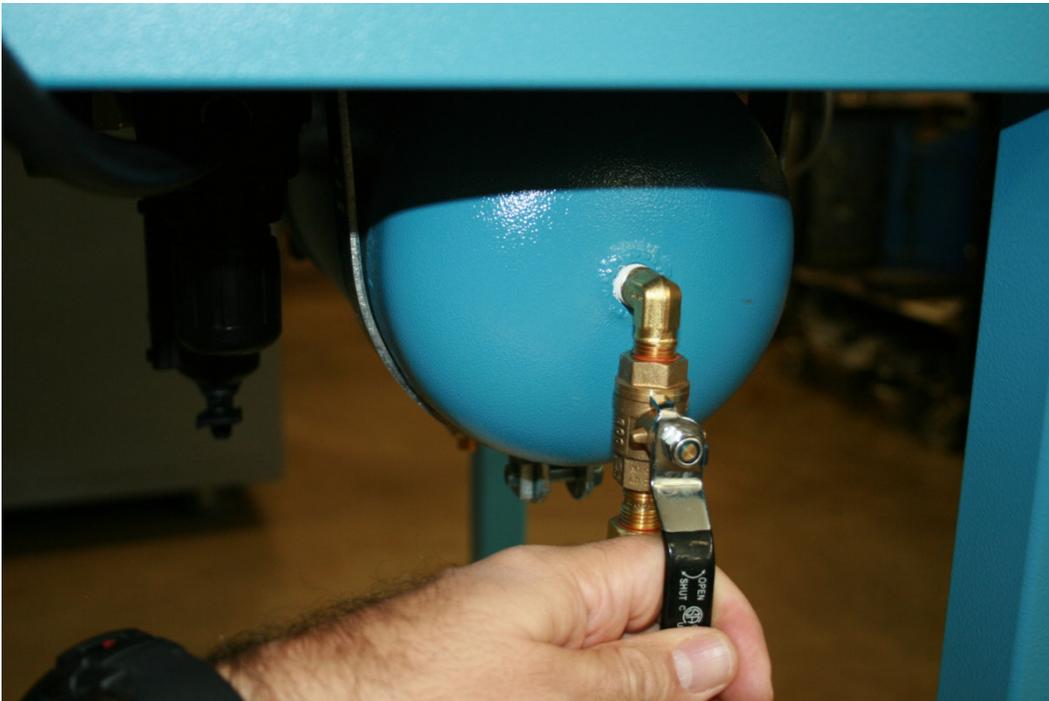
8. Insert the adjustable relief valve in the bottom opening of the tee. The adjustable valve has been preset at 175 psiG.



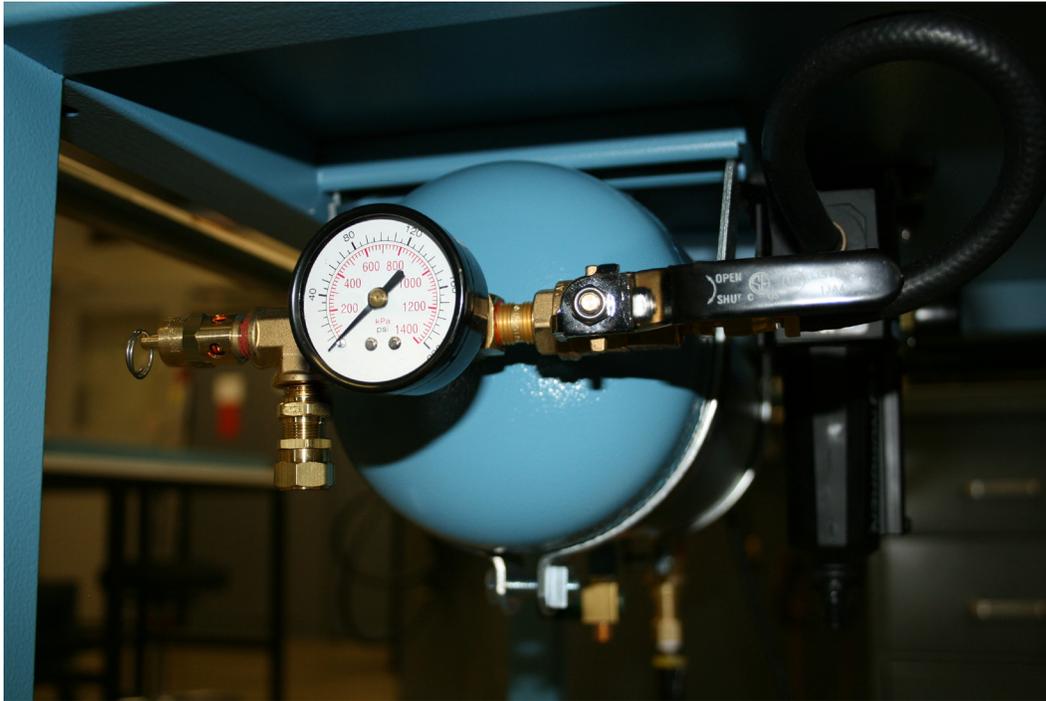
9. Turn the air tank drain valve to the closed position.



10. Open the air inlet valve handle on the air tank.



11. Open the air tank outlet valve if you haven't all ready.



12. Start the system up as normal and check for any air leaks.

Please Call 1-800-872-7728, Fax 1-505-266-6203, or E-mail support@thunderscientific.com should you have any questions.