

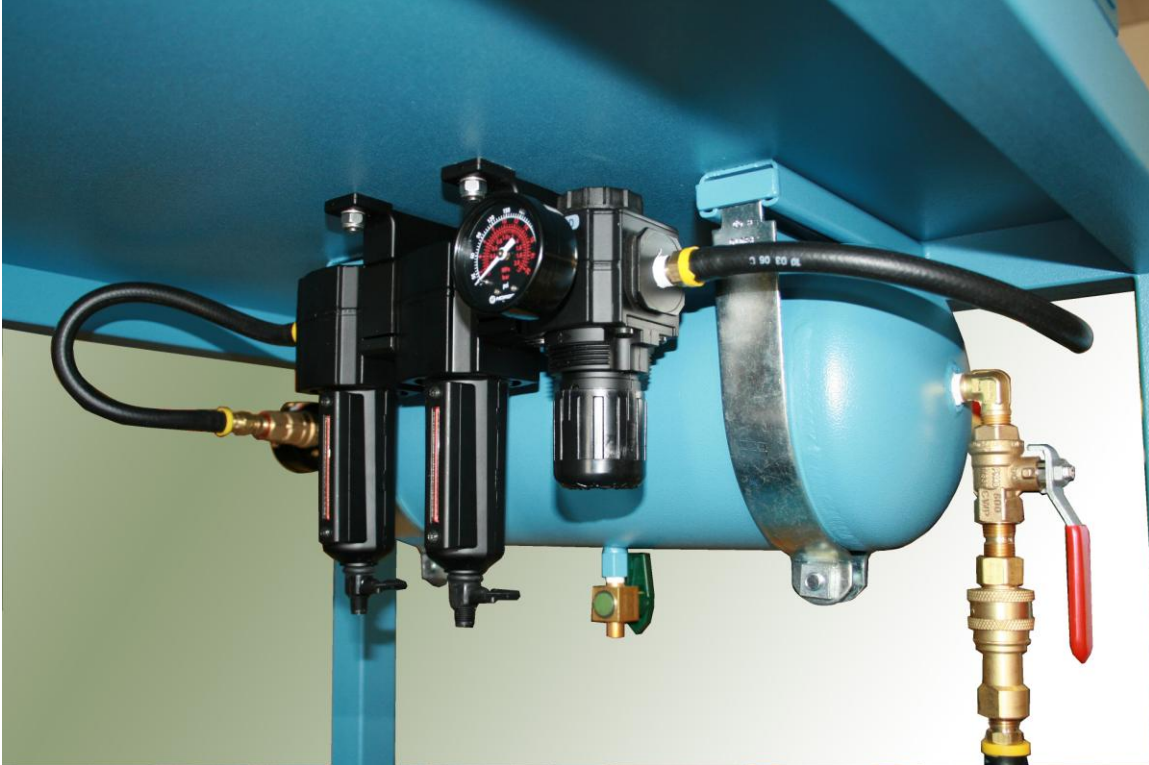
Humidity Generation and Calibration Equipment

**THUNDER SCIENTIFIC**

**CORPORATION** THE HUMIDITY SOURCE

## *Model 2500*

### Cart Filter Maintenance Procedure



Tech Support Document TSD-0223  
Revision Date: August 25, 2009

623 WYOMING BLVD. SE



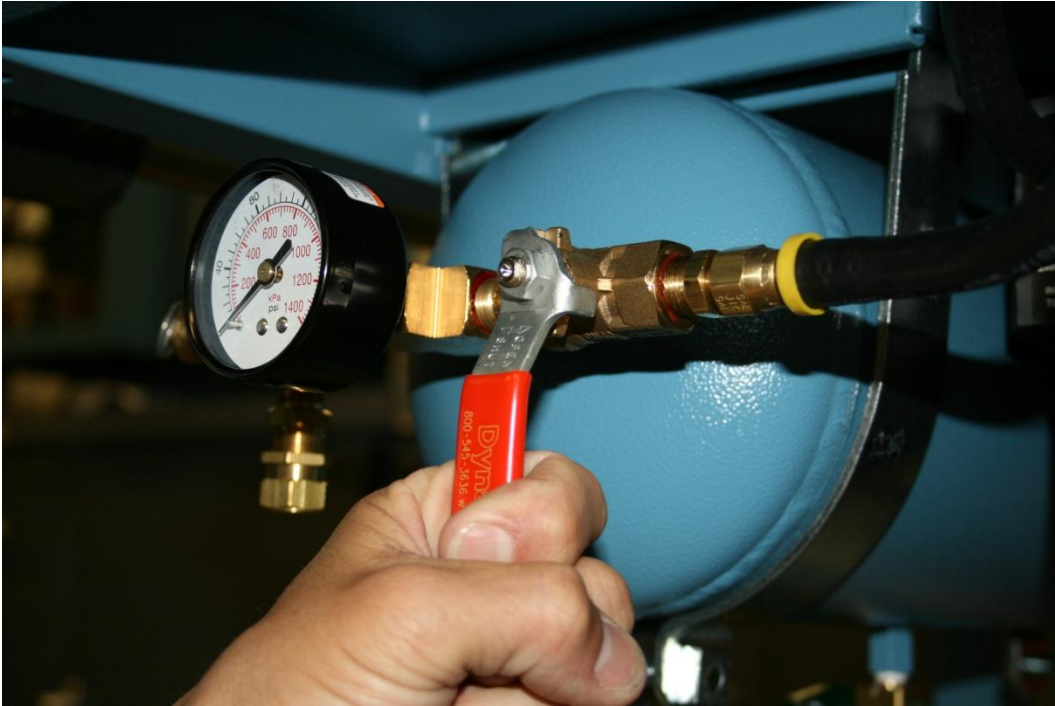
ALBUQUERQUE, NM 87123-3198  
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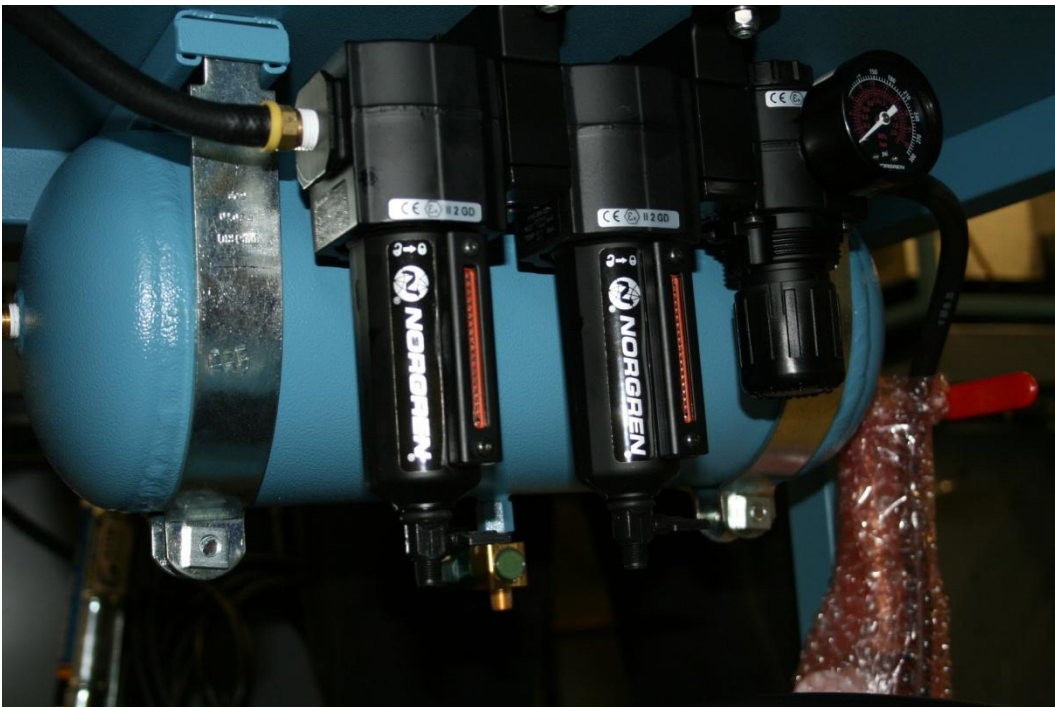
TEL: 505.265.8701  
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## 2500 Cart Filter Maintenance Procedure

1. Disconnect the main power.



2. Turn off the air tank by shifting the handle to the down position.



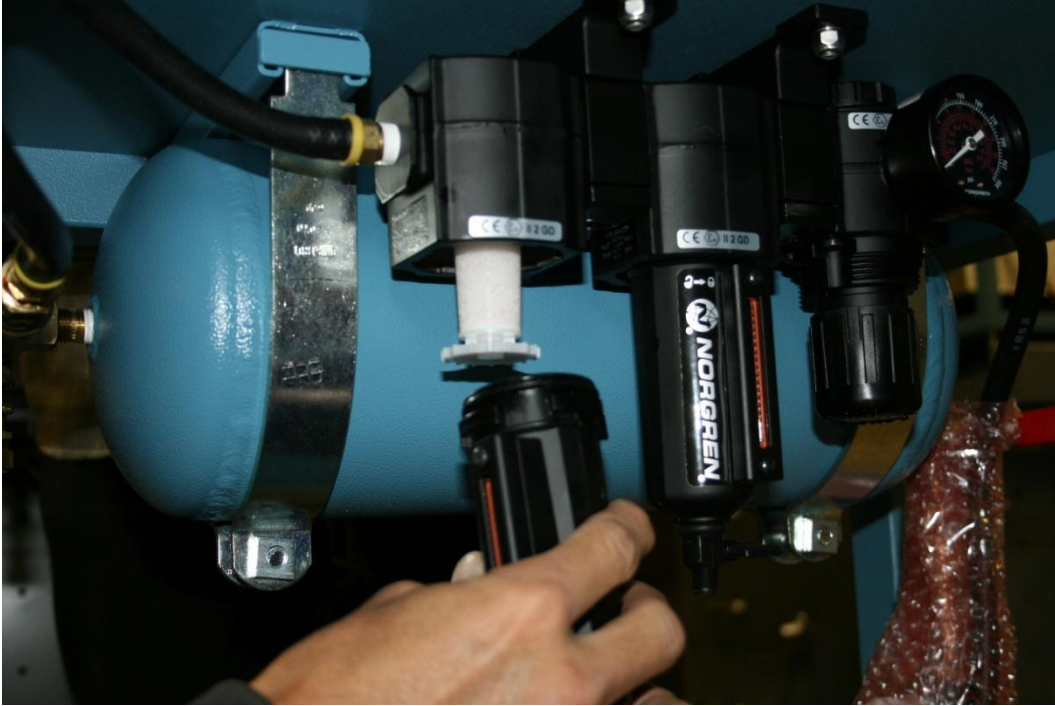
3. Locate the two filters on the underside of the cart top shelf and next to the air tank.



4. Bleed off any air pressure from the filter reservoirs, by turning each drain cock 90°.



5. With a firm grip twist the filter reservoir housing in a counterclockwise direction to release the housing.



6. Pull the filter reservoir housing straight down to avoid damaging the filter within.



7. Remove the filter by rotating it counterclockwise and replace the filter using filter replacement number 4438-01.



8. Replace the filter reservoir housing by pushing it up and rotating clockwise.



9. Next remove the next filter reservoir housing by rotating it counterclockwise.



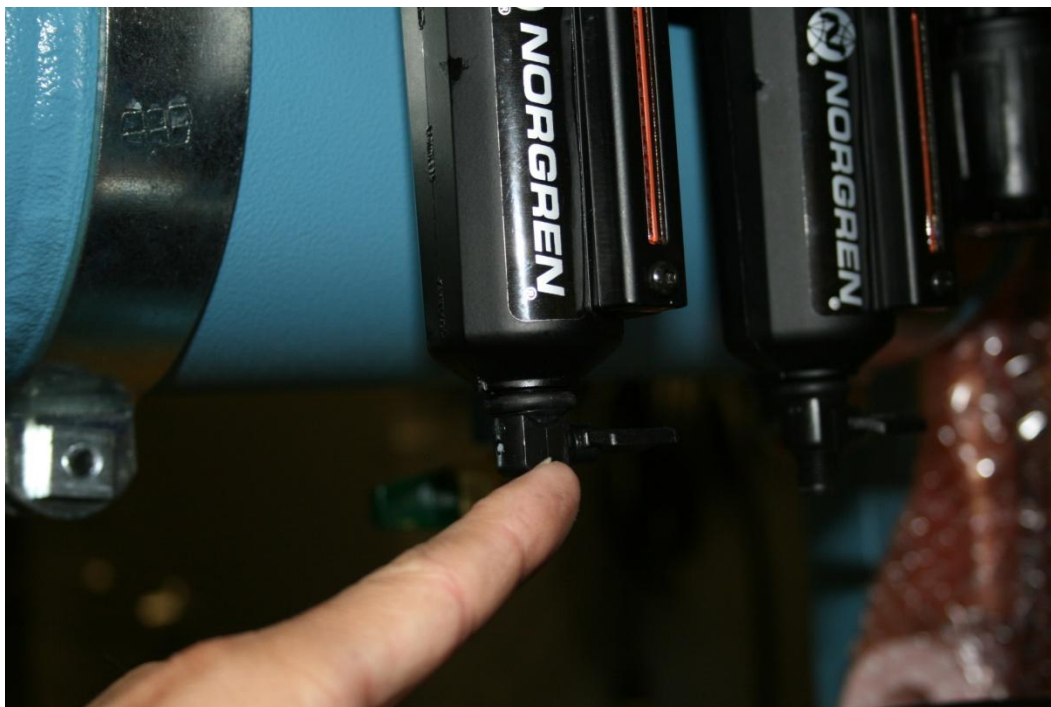
10. Pull the filter reservoir housing straight down to avoid damaging the filter.



11. Release the filter by rotating it counterclockwise.



12. Replace the filter using filter replacement number 4444-01.



1. Make sure that the drain cocks are rotated back to the horizontal position.



14. Rotate the valve handle of the air tank back to the on position, horizontal.
15. Turn the system back on to see if it operates properly.

Should you have any questions, contact Thunder Scientific at 1-800-872-7728 or,  
E-mail [support@thunderscientific.com](mailto:support@thunderscientific.com).