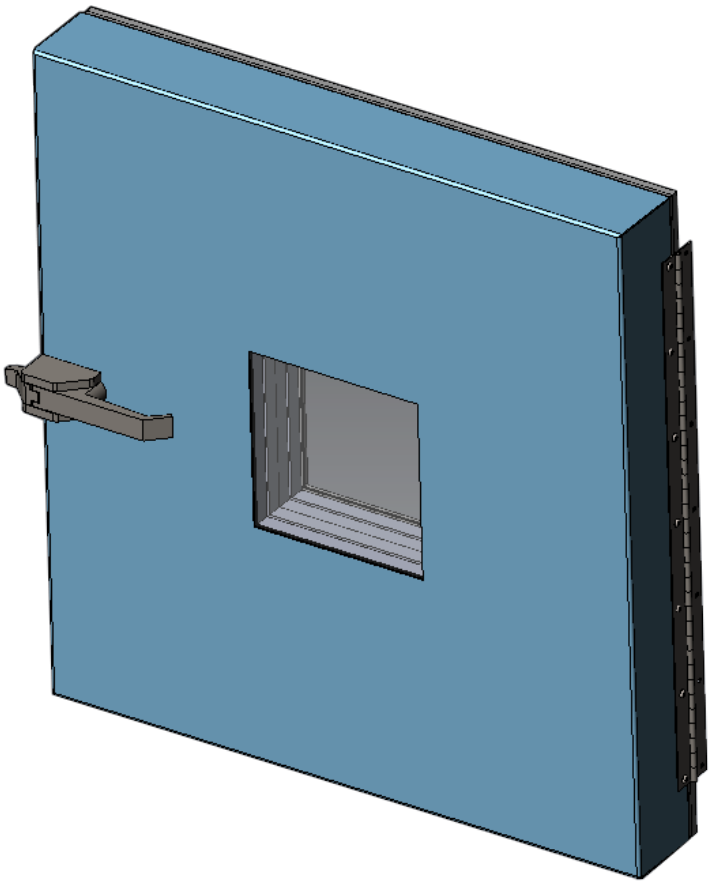
Humidity Generation and Calibration Equipment

THUNDER SCIENTIFIC®

CORPORATION THE HUMIDITY SOURCE

Model 2500

Chamber Door Installation Procedure



Tech Support Document TSD-0329
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Model 2500 Chamber Door Installation Procedure

1. When installing the door, use two people when performing this task.



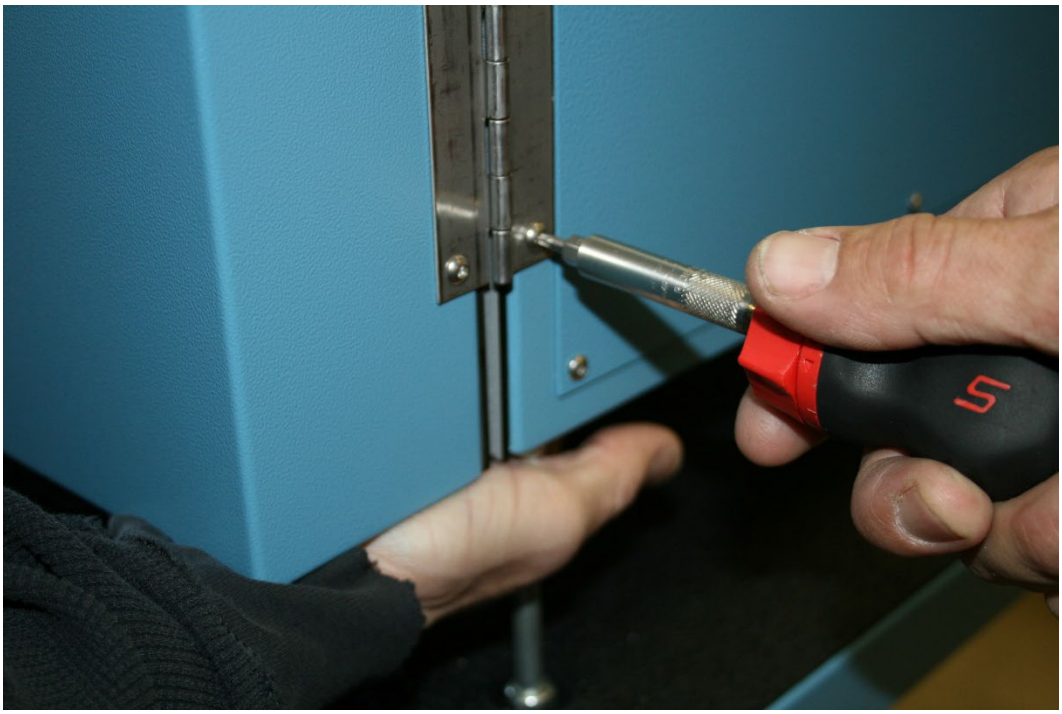
2. Align the chamber door at the bottom of the system's right side.



3. Align the door hinge holes with the threaded holes on the system.



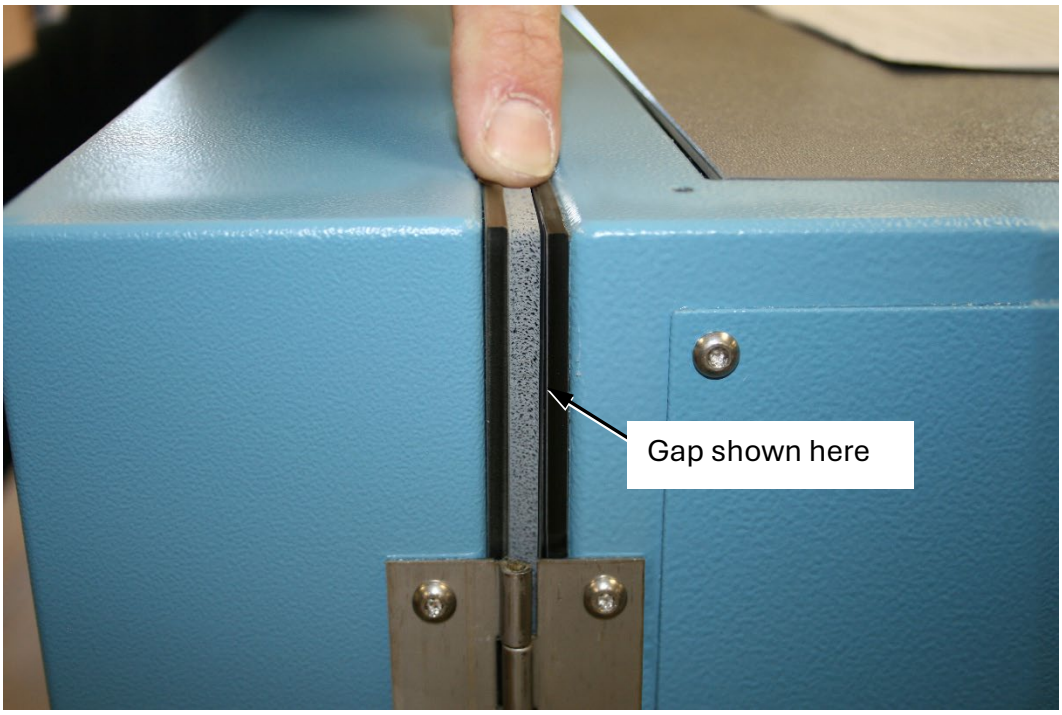
4. While one person holds the door the other will insert the first screw at the top and leave the screw loose.



5. The next screw added will be at the bottom and leave it loose. Insert all the screws and snug up, all of them but allow some movement.



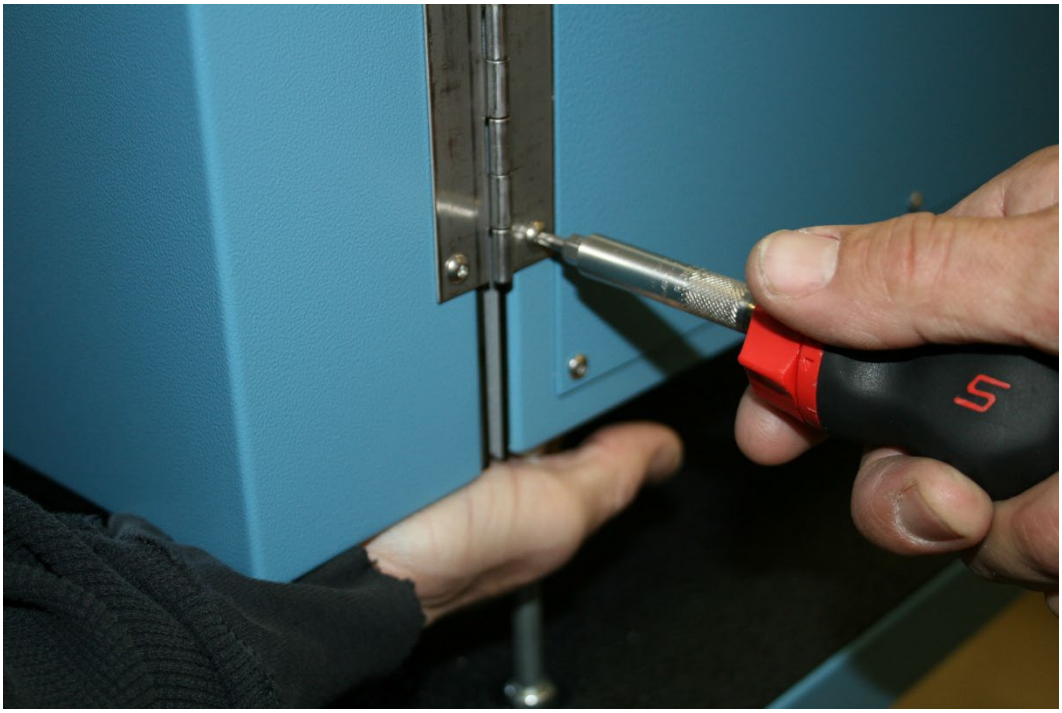
6. Close the door latch 1/4 closed to help support the weight of the door and to use this as a gauge for how much adjustment will be needed.



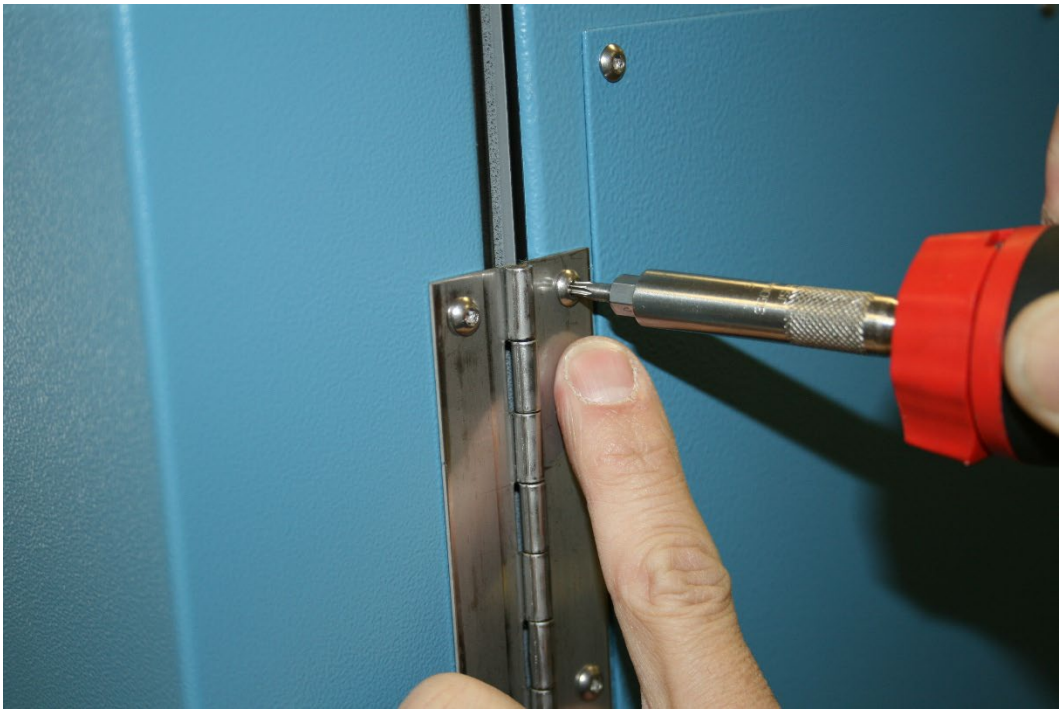
7. Look at the hinge end of the door to see if there is a gap between the gasket and the chamber plastic. Adjustment is needed in this case.



8. Open the door slightly once all the screws are in. Push on the bottom of the door at the hinge side of the door. This should push the door closer to the front chamber plastic panel and close the gap.



9. Tighten the bottom screw first.



10. Next tighten the top screw and snug up the rest of the screws.



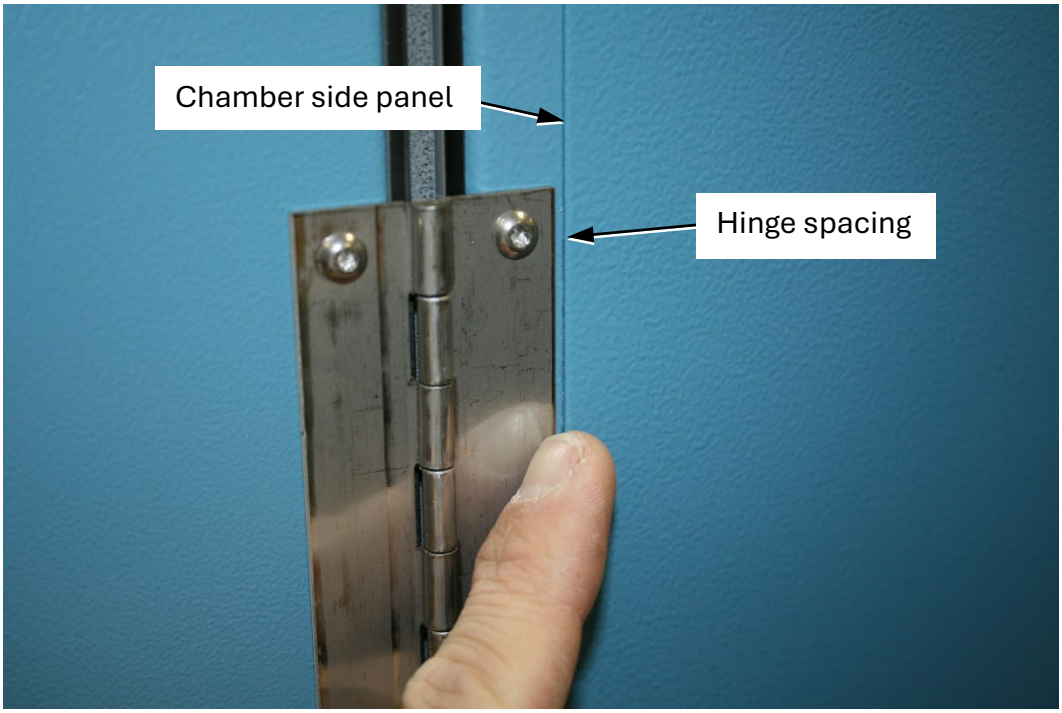
11. Shut the door and see if the latch has too much tension on it. Make sure the gasket gap and latch tension are all in a good state of balance.



12. Check to see if there is a gap between the gasket and the chamber plastic at the hinge side of the door. If a gap is present, then repeat steps 8 through 10. If no gap is present, this will offer the ideal seal for the door.



13. After you have closed the door all the way, if full closure does not occur then readjustment is needed.



14. This is the optimal spacing for the hinge to be away from the chamber side panel.

Please Call 1-800-872-7728, and ask for Tech Support, or E-mail support@thunderscientific.com should you have any questions.