

# TRAULSEN TECHNICAL BULLETIN

PRODUCT SERVICE DEPARTMENT

FORT WORTH, TX 76106

## COMPACT DOOR RE-HINGING INSTRUCTIONS

### Introduction:

This technical bulletin is intended to aid the field in compact door re-hinging. This technical bulletin may not cover all situations that may arise in the field and final diagnosis of field based equipment is the sole responsibility of the technician contracted to perform any work required.

**Note: Do not discard any parts. All parts will be reused.**

### Tools required:

- 3/8 inch socket
- Flat head screwdriver
- Phillips head screwdriver
- Small hammer

### Instruction Table:


<ul style="list-style-type: none"> <li>• Disconnect power</li> </ul>	
<ul style="list-style-type: none"> <li>• Open door 90 degrees as shown in Figure 1.</li> </ul>	

Figure 1

- Remove 3/8 in. bolts holding lower hinge to face of unit. Drop door down and off top hinge plate as shown in Figure 2.

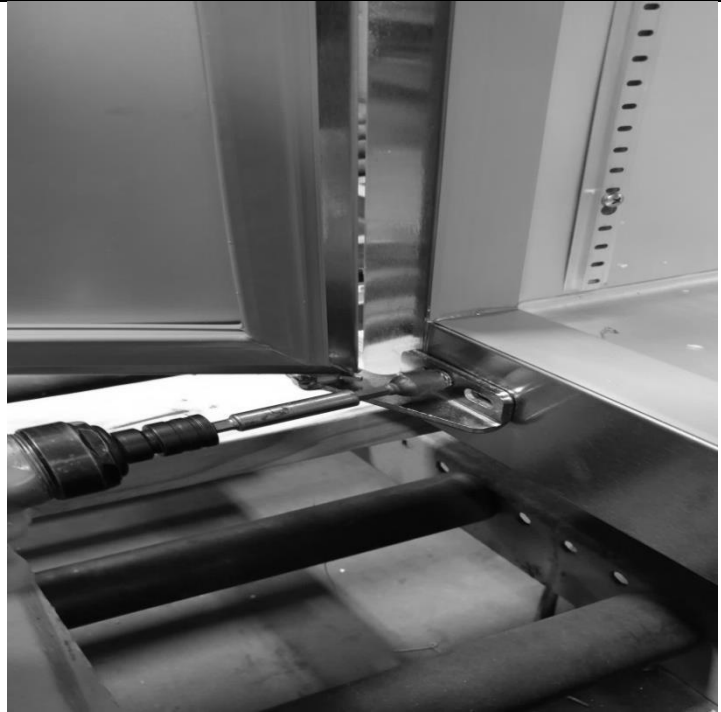


Figure 2

- Remove hinge pivot pin from top hinge plate. Remove top hinge plate from face of unit. Plate will be reused as bottom hinge plate as shown in Figure 3.



Figure 3.

- Remove plastic hinge bushing and metal plug bottom from top of door as shown in Figure 4. Set aside for later use.



Figure 4

- Close the hinge and then remove the screw that secures the bottom hinge plate to the hinge mechanism as shown in Figure 3. Set the plate aside later. Do not lose the lock washer for this assembly.



Figure 5

- Standing over door as shown in Figure 6, remove the screw that secures the bottom hinge plate to the hinge mechanism and set aside for later use.



Figure 6

- Remove the hinge mechanism by gently prying outward and remove it from the door as shown in Figure 7. Then put the square plastic plug into the old hinge opening.
- Remove enough foam from the new location of the hinge mechanism to allow for insertion of the hinge mechanism without compressing the foam.

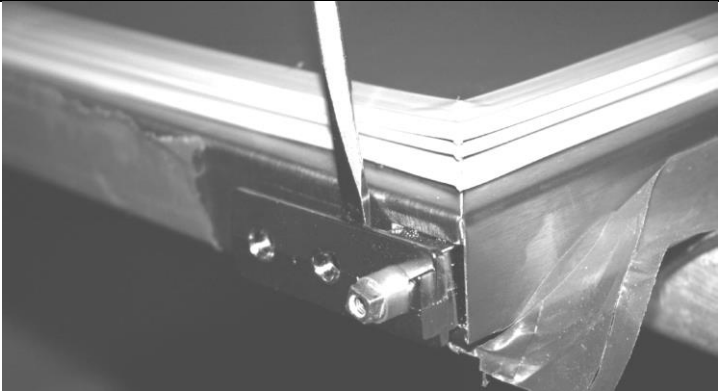


Figure 7

- Install the hinge mechanism into the bottom of the door where the square plug was removed as shown in Figure 8. Secure with the screws used previously to hold it in place. A hammer may be needed.
- Install the plug and filler screws into the holes vacated by moving the hinge.

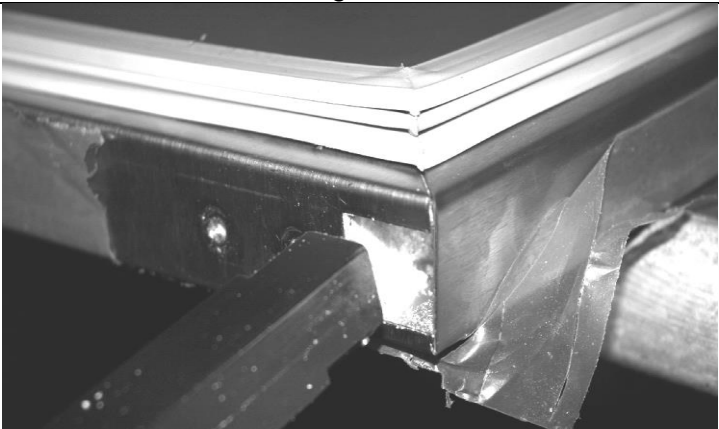


Figure 8

- Using the hinge plate that was removed from the top hinge, turn mechanism past the point of being spring loaded. (2/3 turn). This will allow the stem to be inserted correctly into the square hole in the hinge plate as shown in Figure 9.
- While looking down on the hinge
- A. LH hinges-turn the stem counter-clockwise from hinge end of door.
- B. RH hinges-turn the stem clockwise from hinge end of door.

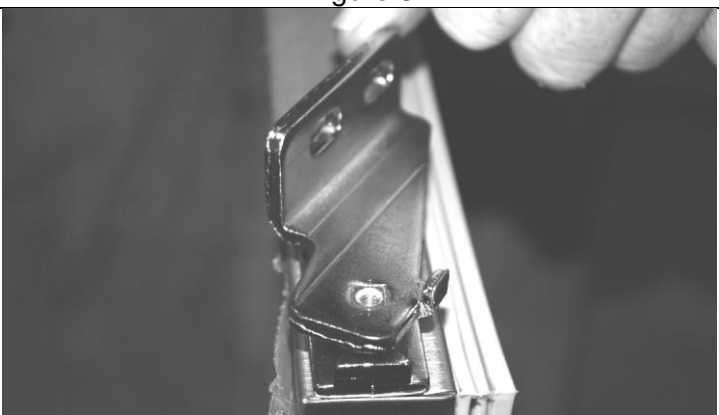


Figure 9

- Install the plastic bushing as shown in Figure 10. The compression spring location is critical.

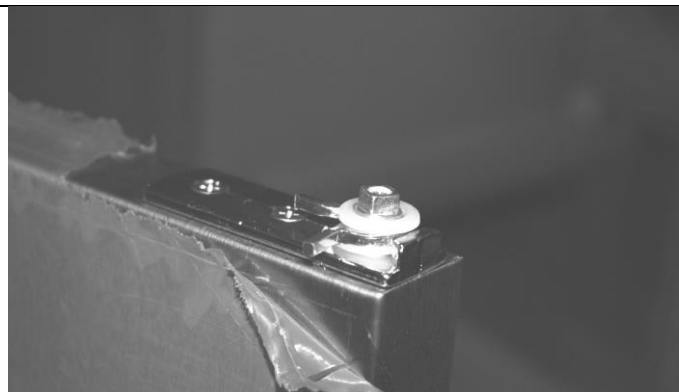


Figure 10

- Attach the hinge plate to the mechanism stem using the screw and lock washer put aside earlier as shown in Figure 11.

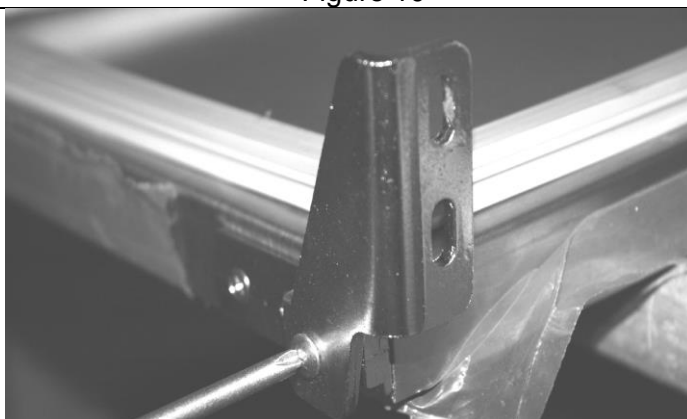


Figure 11

- Remove the plastic buttons from the face of the unit where you are going to remount the door.
- Re-install the top pivot hinge pin on the hinge plate. Then mount the top hinge on the cabinet as shown in Figure 12.



Figure 12

- Install the plastic bushing and metal plug button on the door as shown in Figure 13.



Figure 13

- Slide the door up on to the pivot pin of the top hinge plate and then secure the bottom pivot plate to the cabinet with the screws removed earlier as shown in Figure 14.



Figure 14

- Close and level the door. Then tighten the mounting screws securely shown in Figure 15.
- After both hinges are mounted to cabinet check the top hinge to make sure the gap is not more than 1/8 in. of clearance. If gap still too wide, loosen top hinge bolts and lower hinge down as needed as shown in Figure 16. Then re-tighten the bolts.

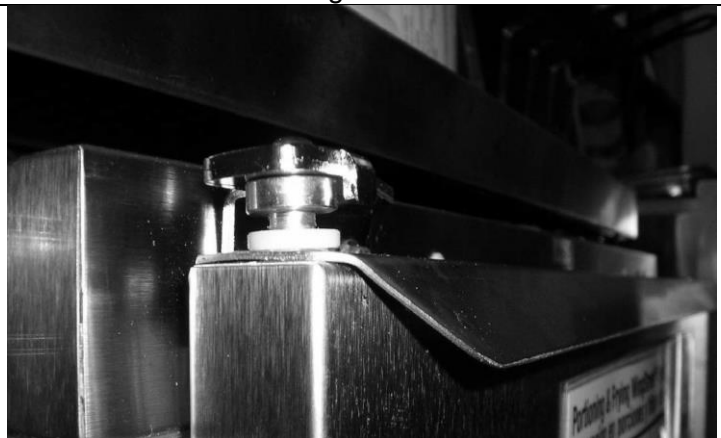


Figure 15



Figure 16

**Contact Traulsen Technical Service:**

If further assistance is needed feel free to contact Traulsen Technical Service at 800-825-8220 between the hours of 7:30am – 11:30am CST & 12:30pm – 4:30pm CST.