

**WARNING**

Disposal of the waste oil must conform to all local, state, and federal laws.

6. Open both bottles of oil and *slowly* pour the entire contents of one bottle (1000 ml) then an additional 350 ml from the other bottle into the funnel. Be careful not to overflow the oil in the funnel.
7. Properly dispose of the collected waste oil.
8. Loosen the locking nut on the funnel and remove the funnel.

Step 4 – Reassemble the Centrifuge

1. Reinstall the fill line plug assembly in the oil fill line fitting as far as it will go and tighten the nut; the nut should be finger tight.
2. Position the new mist eliminator filter in place, then install the mist eliminator screen over the filter.
3. Install the mist eliminator cap and knob assembly over the mist eliminator screen, making sure the screen is fully seated inside the cap; tighten the assembly in place by turning the knob on the cap.
4. Reinstall the access panel behind the control console.
5. Reinstall the front cabinet panel.
6. Remove piece of tape from inside the chamber. The centrifuge is ready for use.

Emergency Sample Recovery**WARNING**

When the main power shuts off, the brake will not operate. Wait until the rotor stops before using the mechanical override. Reaching into the rotor chamber while the rotor is spinning can cause personal injury.

Non-Vacuum Runs

Wait until the rotor has coasted to a stop. When the rotor stops, insert a straightened paperclip in the door interlock override hole and push down (see figure 7-3). Open the chamber door.

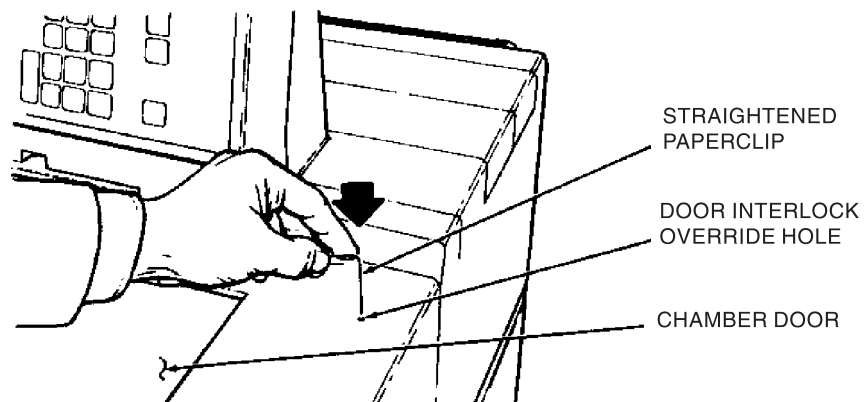


Figure 7-3. Door Interlock Override

Vacuum Runs

If a power failure occurs, the vacuum will not release automatically and you will not be able to open the chamber door. The chamber will maintain a partial vacuum and the rotor will safely coast to a stop. The vacuum must then be released manually.

To release the vacuum:

1. Wait until the rotor has coasted to a stop, then turn the power switch off.
2. When the rotor stops, unplug the centrifuge.
3. Locate the vacuum release solenoid valve (figure 7-4). Insert a screw driver through the grille on the left side of the back panel, and turn the vacuum release screw fully clockwise (approximately 4 to 5 turns). Air will begin to enter the chamber.
4. When the air in the chamber has reached atmospheric pressure (hissing noise will stop), turn the vacuum release solenoid valve screw fully counterclockwise.
5. Insert a straightened paperclip in the door interlock override hold (figure 7-3). Open the door.

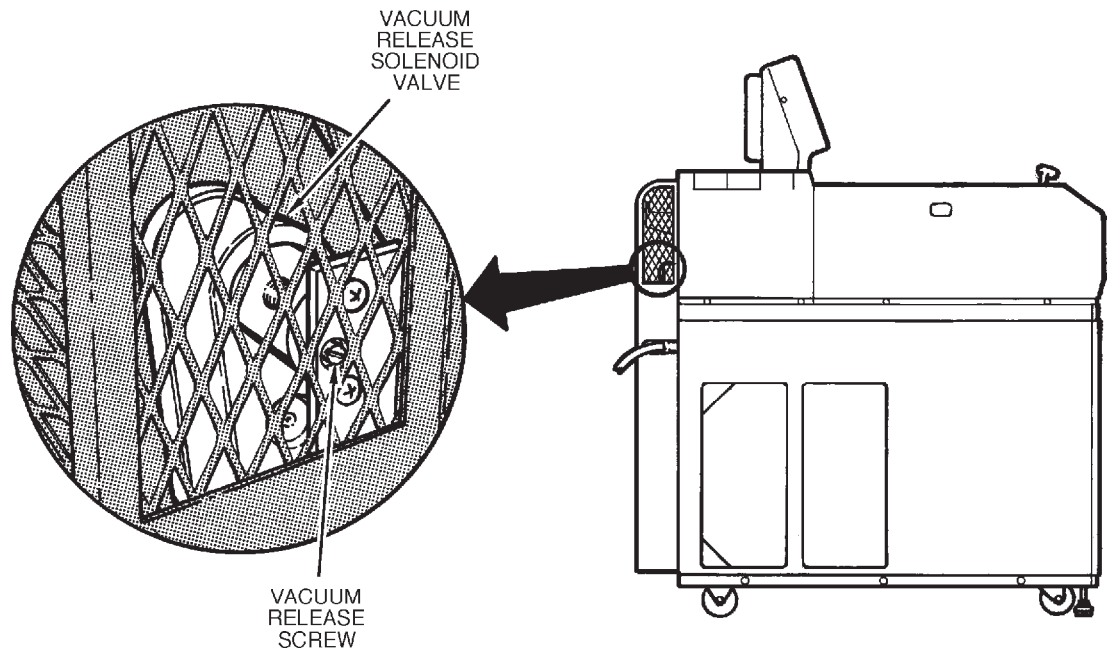


Figure 7-4. Vacuum Release Solenoid Valve Location