

d. Refrigeration System Condensing Coils

To maintain the efficiency of the refrigeration system, keep the condenser fins (located on the left side of the centrifuge) free of dust and dirt. Clean the fins with a brush or a vacuum cleaner at one to three month intervals. The fins will bend easily; be very careful when cleaning them.

5-2. LUBRICATION

All components are prelubricated and require no further lubrication. The refrigeration unit is hermetically sealed and the ball bearings in the gyro-action drive assembly and the centrifuge motor are permanently lubricated.

5-3. EMERGENCY SAMPLE RECOVERY

If the main power shuts off because of a power failure or a system malfunction while the rotor is spinning, the RC-5C chamber door will not open. A mechanical override is provided to allow sample recovery in the case of an emergency. This procedure should never be used routinely and is intended for emergency sample recovery only.

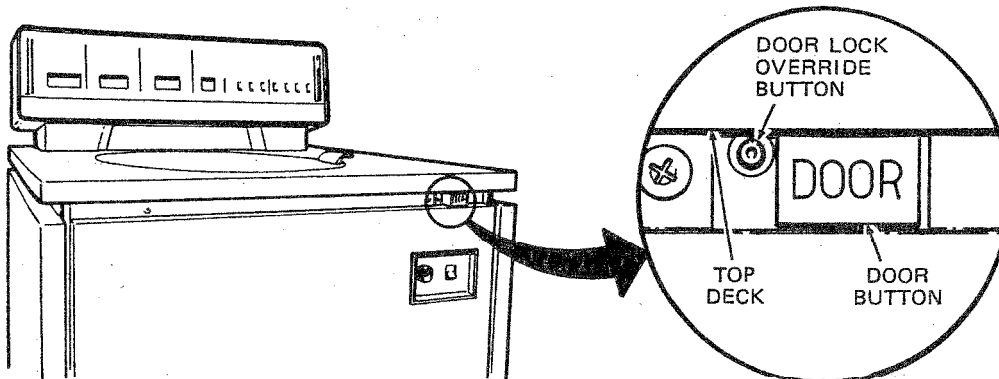
WARNING

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 before the rotor has stopped spinning could cause personal injury.

The door lock override button is recessed beneath the top deck to the left of the door button (see illustration). To open the chamber door, push the door lock override button with a pencil or similar object and — at the same time — push the door button. The chamber door will open.

NOTE

The chamber door will not open if the door lock override button and the door button are not pushed at the same time.



Door Lock Override Button Location