

b. Mechanical Door Interlock Override

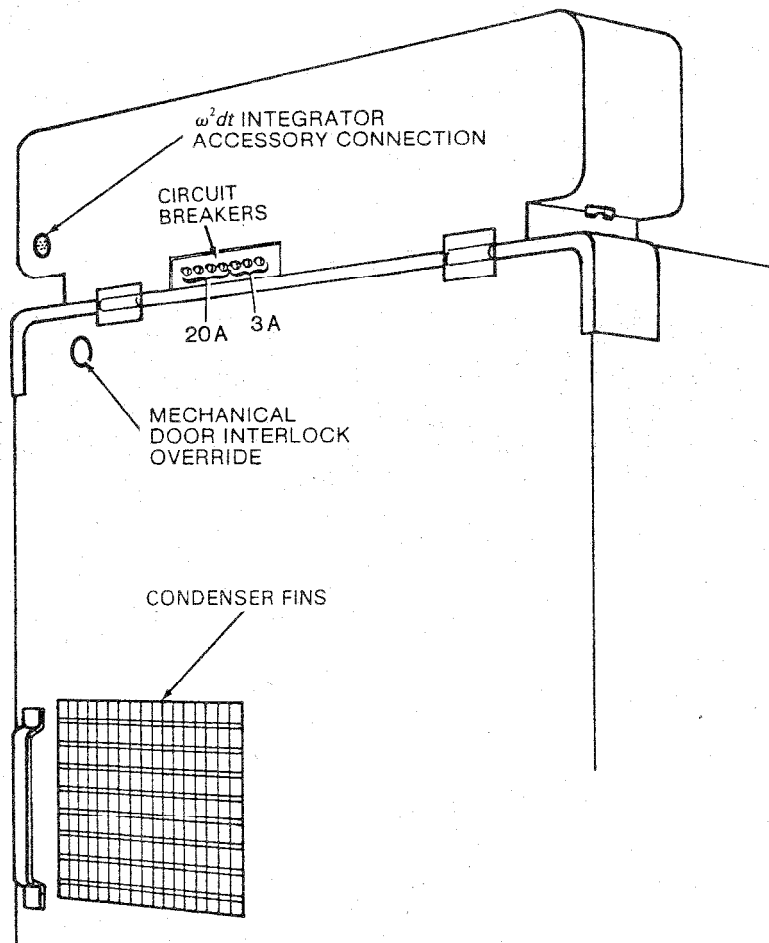
The door interlock prevents the chamber door from being opened when a rotor is spinning. However, if the main power is shut off, either manually or as the result of a power failure, it may be necessary to remove the rotor from the centrifuge to preserve the sample. For this purpose, a mechanical door interlock override is provided.

WARNING

The mechanical door interlock override is provided for use only in the event of an emergency power failure and should never be used to operate the centrifuge with the door open or to open the door when the rotor is spinning.

In the event of a power failure, the brake will not operate; wait at least 10 minutes for the rotor to decelerate before using the mechanical door interlock override.

The mechanical door interlock override is located on the back of the centrifuge (see figure 1-2). To activate the override mechanism, push the lever recessed in the back cabinet panel, then lift the latch and open the door.



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Figure 1-2. RC-3B Centrifuge - Rear View