

Yes: (a) Replace LED/Switch board.

No: (b) Replace fountain control board.

WILL NOT DISPENSE ICE OR WATER

1. Press lock button 3 times. If another LED lights, replace LED/Switch PC Board.
2. When actuator pad is pressed, does fountain light come on?

Note: Make sure fountain light bulb is good!

No: (a) Check actuator switch and mechanical connections.

(b) Replace PC control board.

Yes: (a) If nothing works (ice door solenoid/auger/cube solenoid/water valve), replace PC control board.

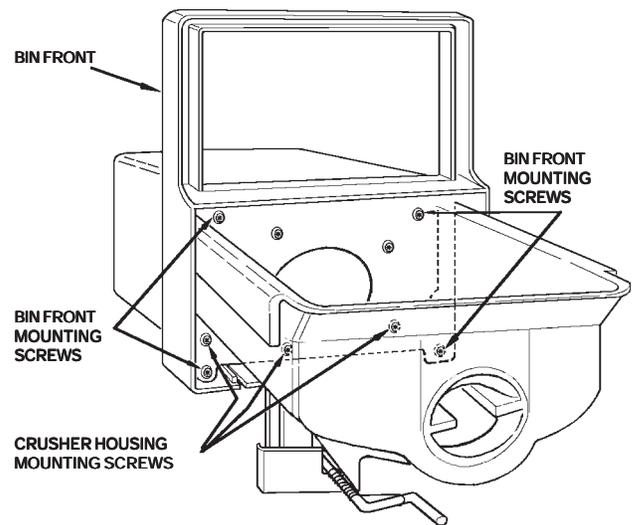
No: (b) If some functions work check for 115 VAC at ice door solenoid/auger/cube solenoid/water valve terminals during dispense.

(1) If 115 VAC output exists, replace component.

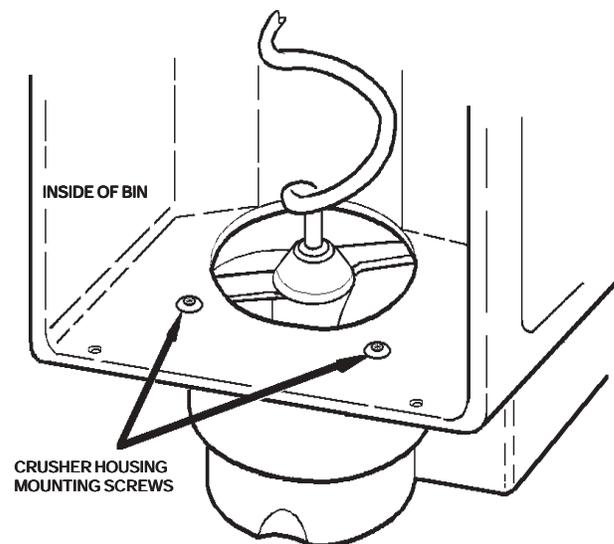
(2) If 115 VAC output is not present, replace control board.

ICE CRUSHER BIN AND SHELF ASSEMBLY

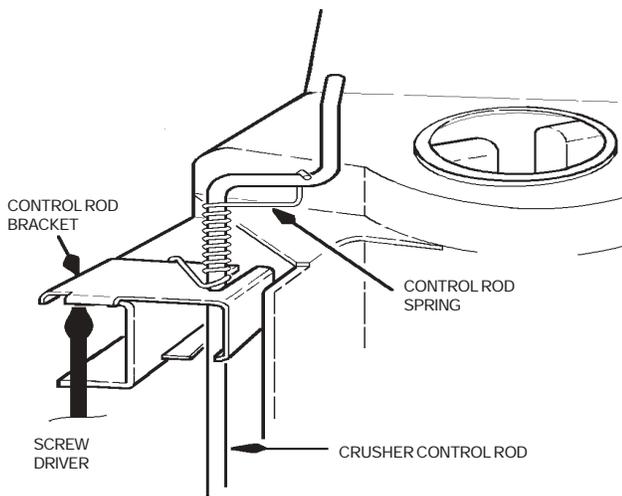
1. To service the ice/crusher related components, turn the ice maker off by lifting the shut off arm. Remove the bin assembly.
2. Remove the four bin front mounting screws.



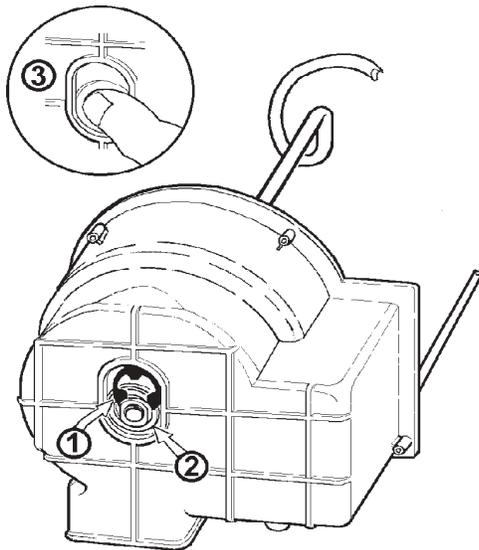
3. Place the bin assembly on the crusher housing.



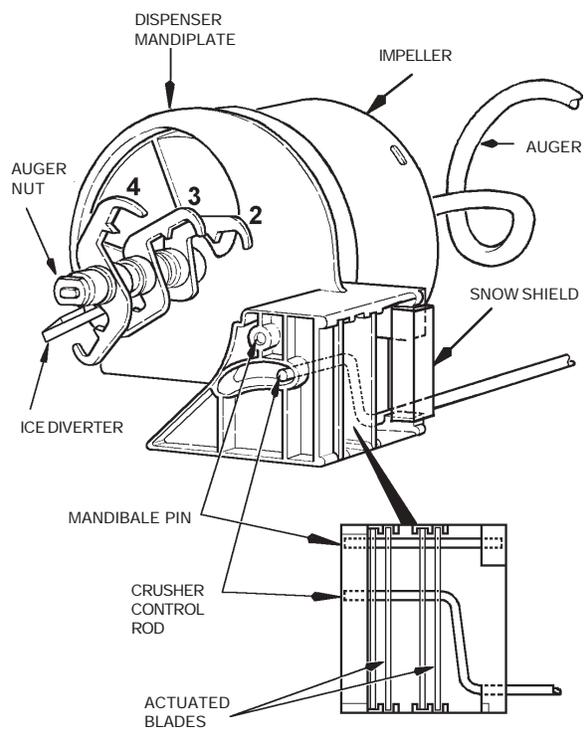
4. Care should be taken when removing the control rod spring to ensure it does not snap back on your finger.



- When removing the control bracket, hold the clip; this will prevent it from being thrown off.

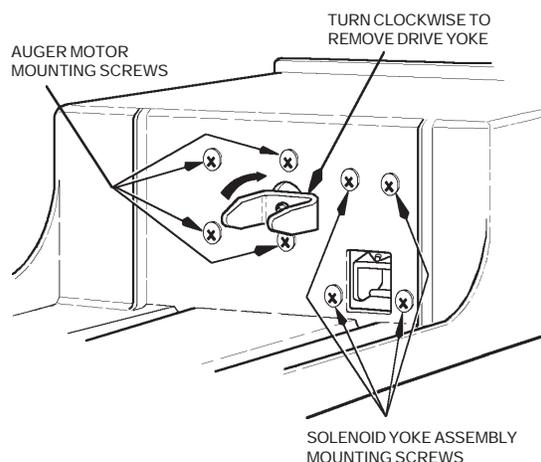


- When removing the crusher housing, position the snap ring (1) as shown in the above drawing, then remove it and the retainer washer (2).
- Push the auger assembly away from the crusher housing using your thumb (3).
- To remove the auger nut turn it clockwise.



- Replace the parts as required. The number on the blades should face the back of the auger nut. Blade number 4 should be nearest to the auger nut.
- Make sure the ice diverter is aligned to the boss on the dispenser mandiplate.
- Reinstall all other components in the reverse order of removal.

ICE/CRUSHER BIN SHELF ENCLOSURE ASSEMBLY



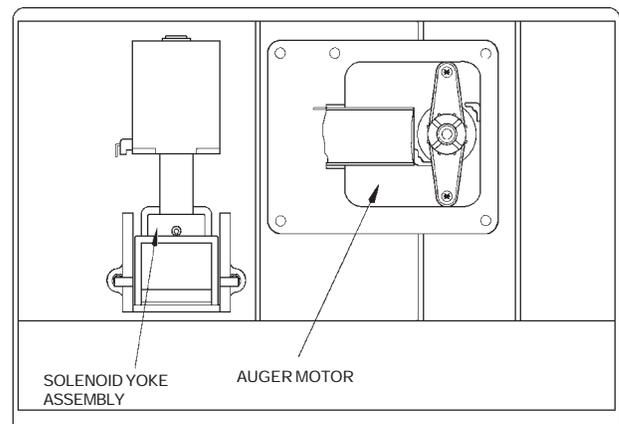
The auger motor and solenoid are located behind the storage bin. The yoke, fastened to the motor, engages the drive ring and turns auger in a clockwise direction. Both the yoke and drive ring are designed to prevent a loosening of the yoke by exerting counter pressure while in operation.

The auger motor makes one revolution approximately every three seconds. To determine the free movement of the auger motor, place the selector switch in either cube or crushed position (slide selector models). On electronic models, push the cube or crushed selector pad. Open the freezer door, push and hold the cabinet interlock switch in the closed position while pushing the dispenser actuator pad.

The solenoid is energized only when the selector switch is in the cube position. This will pull back the actuated blades. To determine the free movement of the solenoid/yoke assembly, place the selector switch (slide selector models) in the cube position. On electronic models, push the cube selector pad. Open the freezer door. While pushing the dispenser actuator pad, push and hold the cabinet interlock switch in the closed position. Observe the control rod yoke for vertical movement.

The auger motor and the solenoid/control rod yoke assembly are easily removed.

1. **Disconnect the unit from the power source.**
2. Remove the ice/crusher bin assembly.
3. Remove the retainer screw at the bottom left side of the ice/crusher bin shelf enclosure.
4. Pull the shelf forward and disconnect the quick disconnect.



5. Remove the assembly from the freezer and place on a flat work surface.
6. To check the auger motor, attach an ohmmeter probe to the auger motor terminals. The meter should show resistance. If the meter does not show resistance, the motor should be replaced.
7. To replace the motor, hold the auger motor armature and turn the yoke clockwise, releasing yoke from the motor shaft. Remove the yoke and washer.
8. Remove the four mounting screws that fasten the motor enclosure. Remove the motor from the enclosure.
9. Install the replacement part in reverse order of removal.
10. To check the solenoid yoke assembly, attach an ohmmeter to the solenoid terminals. The meter should show resistance. If it does not show resistance, replace the solenoid yoke assembly.
11. Remove the four screws that fasten the solenoid yoke assembly to the enclosure. Remove the assembly from the enclosure.
12. Install the replacement part in reverse order of removal.