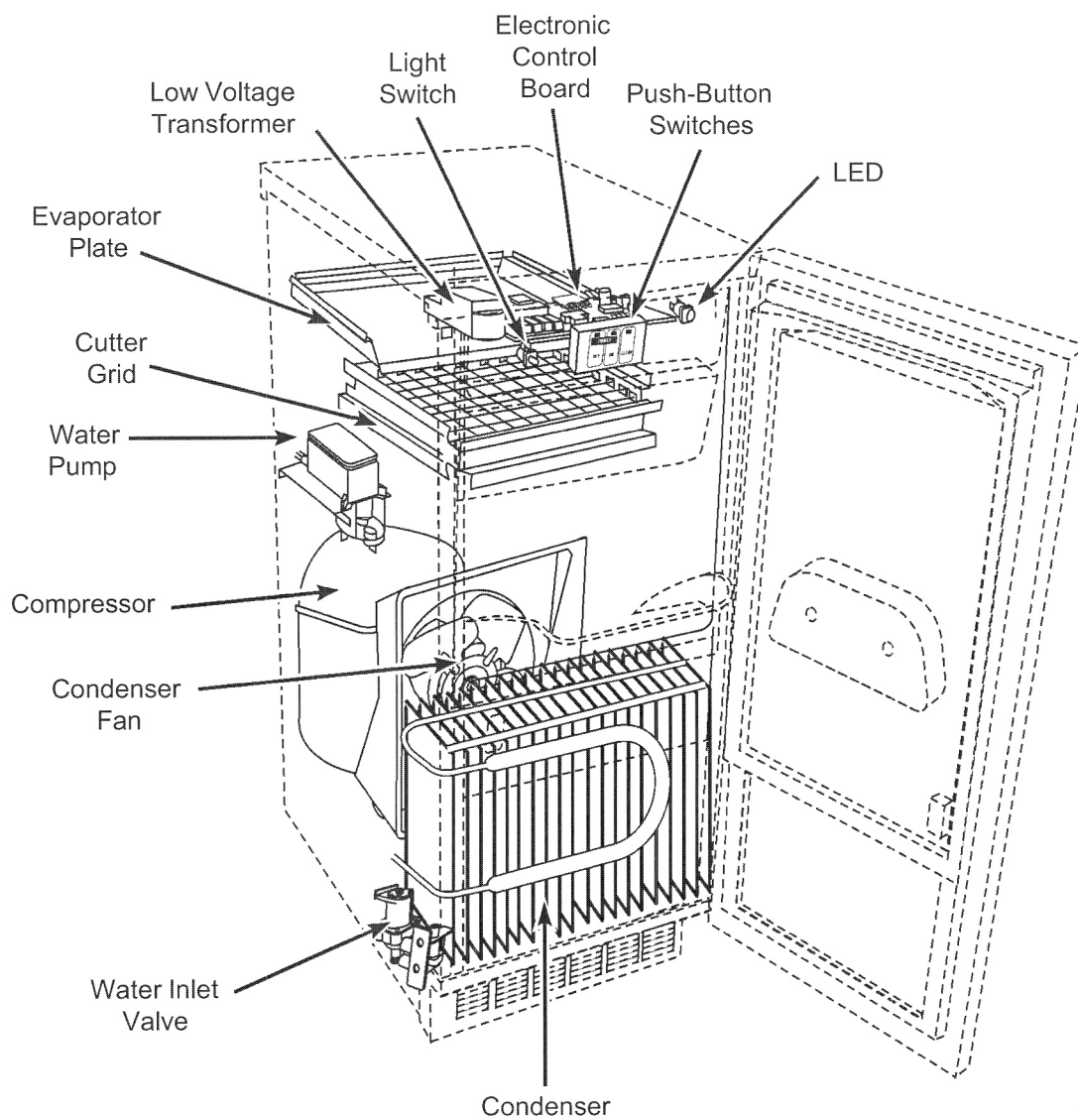




SECTION 5

COMPONENT ACCESS AND REMOVAL

COMPONENT LOCATION



CONTROL BOX LOCATION AND COMPONENT ACCESS

The control box is located behind the door. (Fig. 3-1)

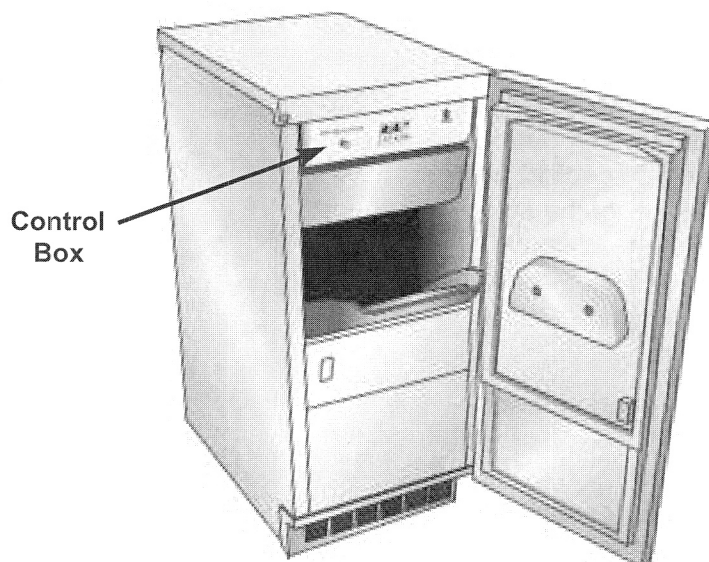


Fig. 3-1

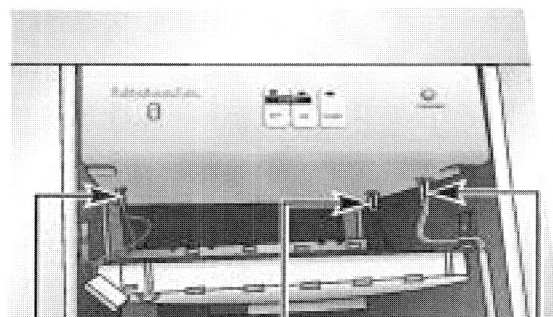
Removing the Control Box

1. Remove the three (3) Phillips-Head screws securing the cutter grid cover to the cutter grid. (Fig. 3-2)



Three (3) Screws

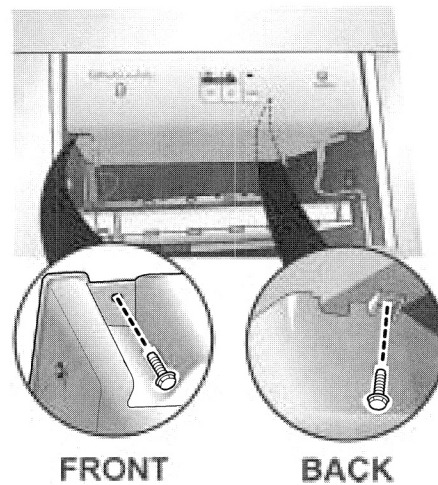
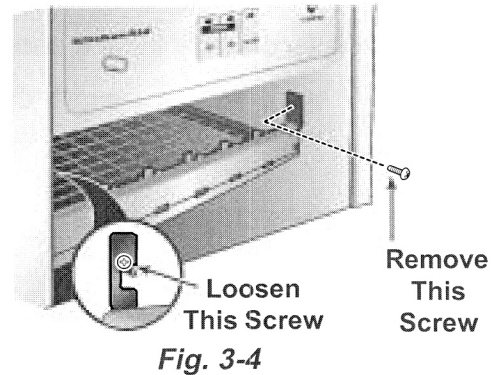
Fig. 3-2



Wiring Harness Plugs

Fig. 3-3

2. Disconnect the three wiring harness plugs from the connectors at the bottom of the control box. (Fig. 3-3)
 3. Remove the Hex-head screw securing the cutter grid mounting bracket to the right side of the cabinet liner. (Fig. 3-4)
 4. Loosen, but do not remove the Hex-head screws securing the cutter grid mounting bracket to the left side of the cabinet liner. (Fig. 3-4) Then, lift the front of the cutter grid up to release the Hex-head screw from the key slot in the left side mounting bracket and pull the cutter grid from the cabinet.
 5. Remove the four (4) Hex-head screws securing the control box to the top of the ice maker cabinet. (Fig. 3-5)
- NOTE:** The screws at the front of the control box are recessed.
6. The control box can now be lowered into the service position.



Removing the Electronic Control Board

1. With the control box in the service position, disconnect the three (3) wiring harness plugs from the connectors on the electronic control board. (Fig. 3-9)
2. Remove the two (2) Hex-head screws securing the electronic control board to the mounting stubs in the control box. (Fig. 3-9)

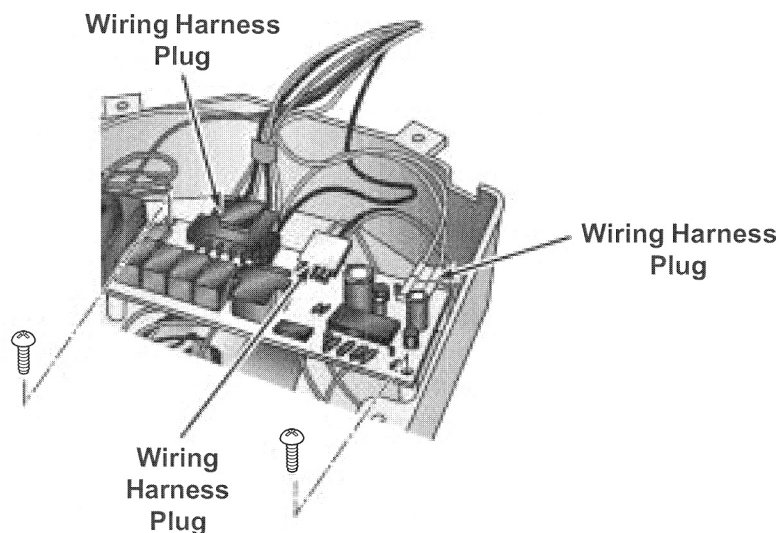


Fig. 3-9

Removing the Push Button Switch Assembly

The push button switch assembly can be removed with the control box remaining in the service position.

1. Disconnect the wires from the switch assembly terminals.
2. Remove the decorative overlay from the front of the control box. (Fig. 3-10)

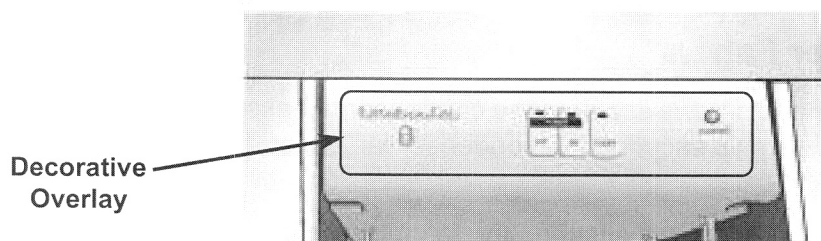


Fig. 3-10

3. Press in on the four locking tabs at the back of the switch assembly and push the entire switch assembly and decorative overlay from the control box.

NOTE: If the push button switch assembly must be replaced, the service replacement assembly must be ordered by using the specific model number of the ice maker. The service replacement switch assembly comes with a new decorative overlay.

ACCESSING THE UNIT COMPARTMENT

1. Pull the ice maker from its installed position. It may be necessary to disconnect the water supply line to the ice maker.
2. Open the ice maker door and remove the four (4) Phillips-Head screws securing the unit compartment front cover to the cabinet. (Fig. 3-14)
3. Turn the front leveling legs out until they disengage from the cabinet. (Fig. 3-14)
4. Remove the two (2) front bolts securing the unit compartment base to the cabinet.
5. Tilt the entire ice maker cabinet back far enough to gain access to the unit compartment. (Fig. 3-15) Be careful not to kink any of the sealed system tubing or pinch any wiring while tilting the cabinet backward.

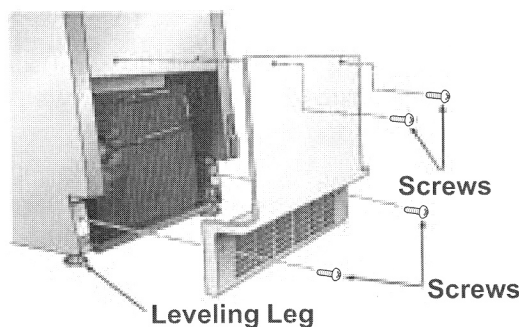
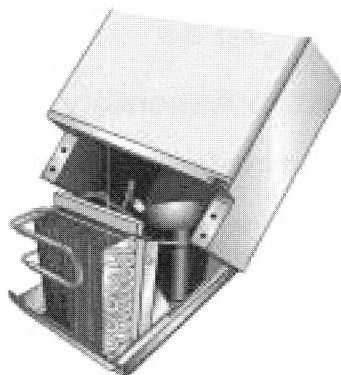


Fig. 3-14

NOTE: Secure the cabinet to avoid any possibility that it will tip back any further or fall forward while repairs are being performed.

Fig. 3-15



Removing the Condenser Fan

1. Remove the two (2) Hex-head screws securing the condenser fan assembly to the condenser and the two (2) Hex-head screws securing the condenser fan assembly to the component compartment base. (Fig. 3-16)
2. Remove the three (3) hex-head screws securing the fan motor to the fan bracket. (Fig. 3-17)

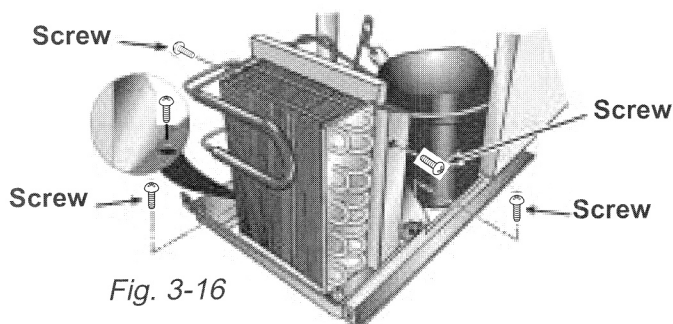
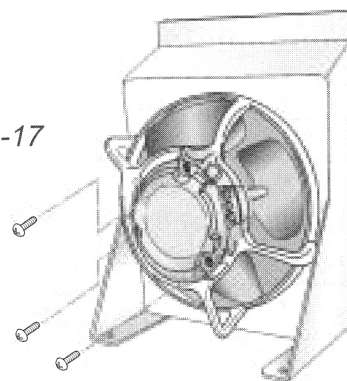


Fig. 3-16

Fig. 3-17



Removing the Water Valve

The water valve can be serviced with the unit in the installed position by removing the component compartment cover.

1. Disconnect the wiring harness connector from the water valve solenoid terminals.
2. Disconnect the water supply lines from the inlet and outlet of the water valve.

NOTE: *Water may be present in these lines. Have a small pail available to bleed lines.*

3. Remove the two (2) Hex-head screws securing the water valve to the side of the cabinet liner. (Fig. 3-18)

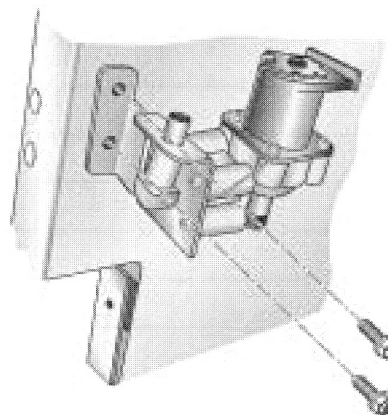


Fig. 3-18

Removing the Hot Gas Solenoid

1. Disconnect the wiring harness plug from the solenoid terminals.
2. Remove the hex-head screw securing the solenoid to the mounting bracket. (Fig. 3-19)

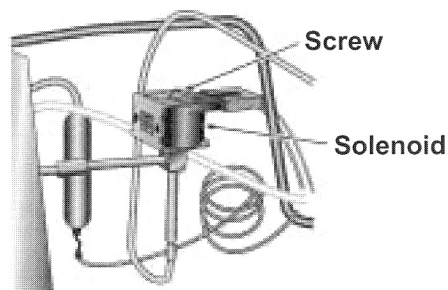


Fig. 2-19