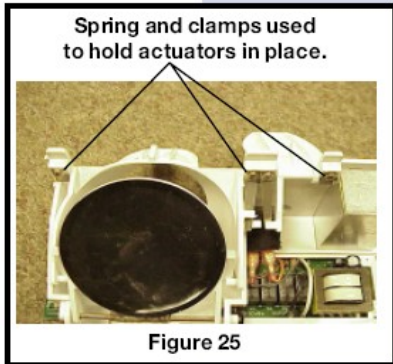
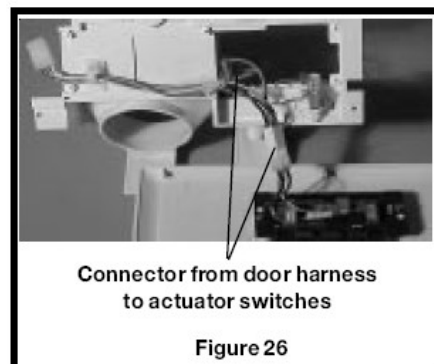
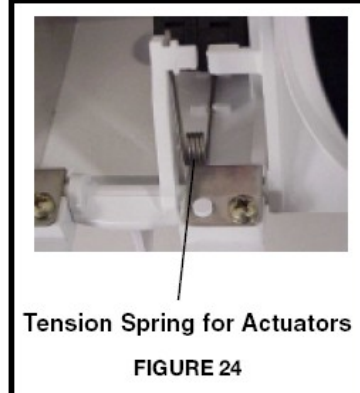


Tension is held against both the water and ice actuator by a stainless steel, two bladed spring mounted behind the actuator switches. The spring is held in place with 2 screws. (See Figure 24)

The Actuators are held in place by stainless clamps at each end of the actuator and the two bladed spring in the middle. (See Figure 25) The actuators can be removed by removing the 4 screws and lifting the paddle / ice chute out of the housing.

On models electrical mechanical switch the dispenser will come apart the same way as models with a control board. The difference is the wiring to the actuator switches and the selector switch are connected directly the plug in the door wiring harness. (See Figure 26)



Check across the two black wires to test the internal chute heater.



Plug for chute heater

Figure 27

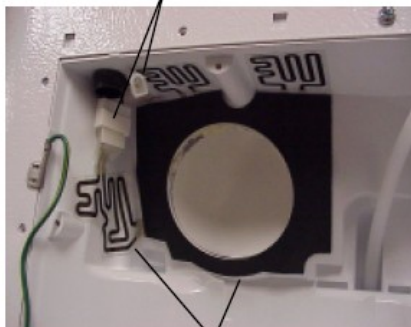
The original heater for the ice chute and housing are foamed in place with the one piece door. It is connected to the door wiring (See Figure 27) harness by a plug coming out of the inner door panel with 2 black wires connected to it. (See Figure 27) If the heater fails, it will be necessary to install an external heater on the housing chute opening in place of the internal heater. The replacement heater will connect to the same plug as the original heater. (See Figure 28)

Fast Freeze - Fast Ice

When you select the Fast Freeze (Acceler Freeze), the control board sends a signal to the main power supply for a period of 16 hours, to pull the freezer temperature down to -6°F for faster freezing of food.

When you select Fast Ice (Acceler Ice), the control board will send a signal to the main power supply for a 12 hour period to maintain a colder freezer temperature to increase ice production.

Connect wire adaptor to heater and plug into door harness



Attach service heater in this location

Figure 28

The connector on the left side of the board is for the door wiring harness to plug into. (See Figure 30) This wiring harness connects with the Main Harness through the top freezer door hinge. (See Figure 31) The main harness will connect to the machine compartment harness and to the service cord. The board will then send power to other parts that operate through the board.

The labeling is as follows:

1. NEUTRAL (one side of line to power the board)
2. CUBE (connected to solenoid for ice cubes)
3. AUGER (connected to auger motor)
4. FICE (fast ice/fast freeze feature)
5. WATER (connected to water valve yellow coil)
6. 120 V AC (other side of line to power the board)
(See Figure 32)

The relays mounted on the board are numbered. (See Figure 33)

- K1 - Controls the Light in the Dispenser.
K2 - Controls the Water to the Door
K3 - Controls the Solenoid for Cube Ice
K4 - Controls the Auger motor

The power supply onto the board is 120 VAC. The transformer is mounted on the board and is used to reduce the operating voltage. (See Figure 32) There are 4 diodes mounted on the board to convert the AC current to DC current. (Touch Board - See Figure 34). The operating voltage for the control board is 8 to 13 V DC.

