

## CABINET

### Cabinet

The outer case is made of galvanized steel. The fresh food and freezer liners are painted metal with a smooth finish. Individual fresh food and freezer compartments provide separation and enhanced individual control between the compartments. The metal liner provides a thermal break between the interior of the refrigerator and freezer compartments and reduces the transfer of heat from the room into the fresh food and freezer compartments. The liner is not removable or replaceable.

### Machine Compartment

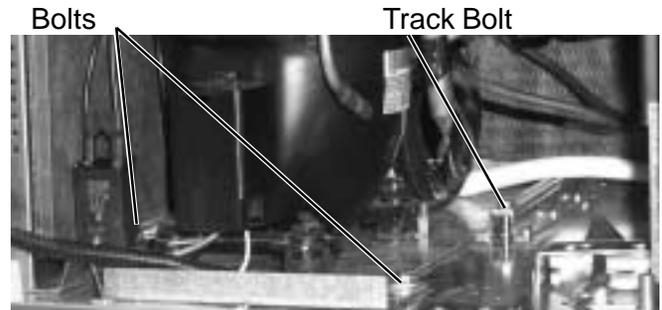
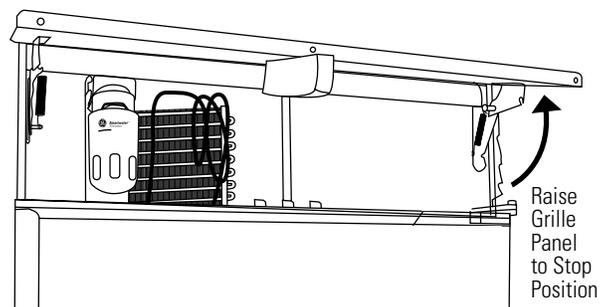
The machine compartment is located on the top of the unit and has a movable chassis that can be extended from the front of the unit to provide access to the refrigeration system and components.

**Caution:** Avoid kinking the refrigeration lines when sliding the chassis out and back in.

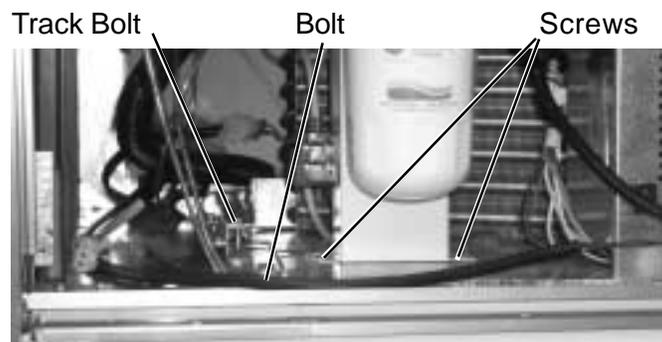
To extend the chassis:

1. Raise the grille panel to stop position.
2. Remove the wire guard and rocker switch panel.
3. Disconnect the door closure mechanism spring from the pin and remove the pin by turning it counterclockwise.
4. Remove 3 screws securing the water filter mounting bracket.
5. Remove 3 (7/16-in.) bolts from chassis bottom.
6. Loosen 2 (7/16-in.) chassis track bolts.
7. Pull the chassis forward until it reaches the stops in the tracks, working the refrigeration tubing as you pull the chassis out.

**Note.** When sliding the chassis back into position, be certain the lines and wiring have not fallen behind the chassis.



Right Side of Machine Compartment



Left Side of Machine Compartment

## Door Closure Mechanism

The door closure mechanism uses a spring to provide positive door closure from 30 degrees. The door closure mechanism actuator arm has a spring attached to the rear and is supported by guide rollers on either side of the base channel. The roller circumferences and the actuator arm detents are matched for smooth operation. The arm is attached to the door with an Allen head shoulder bolt.

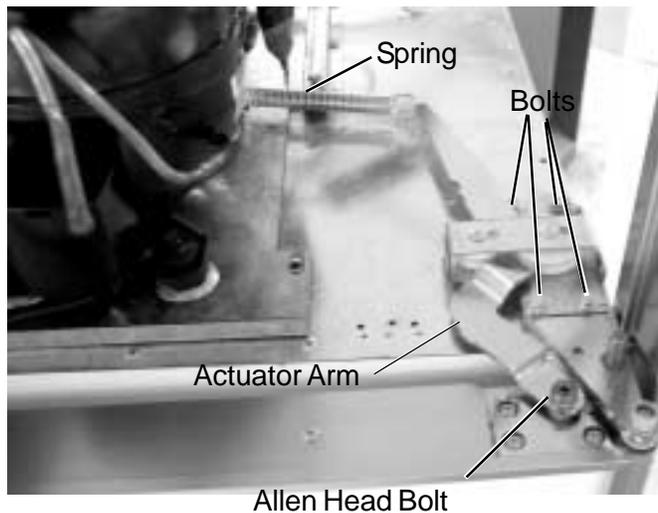
The closure mechanism allows easy opening to approximately 90 degrees, where the arm has a detent to permit the door to remain open at 90 degrees with minimal tension. Once the door is opened beyond 90 degrees, the closure mechanism pulls the door open until the closure arm engages the door stop at approximately 130 degrees. The reverse action occurs when the door is closed.

**Note:** The door closure mechanism and the top door hinge are held by the same bolts. Take the necessary precautions to secure the fresh food door when the door closure mechanism is being removed.

- The actuator arm is spring loaded with moderate spring tension.

### To remove the door closure mechanism

1. Remove the 3/16-in. Allen head bolt and spacer from the door and actuator arm.
2. Disconnect the spring from the pin on the top of the cabinet and pull the actuator arm from the closure mechanism.
3. Remove 4 (3/8-in.) bolts and the door closure mechanism.



## Fresh Food Door and Hinges

**WARNING:** Use the appropriate safety equipment and lifting techniques.

**Caution:** Use wood or a heavy plastic sheet to protect the floor where the door will be placed.

**Note:** Unit must be removed from its installation to remove center hinge.

## Door

The door is of one-piece construction with foam insulation. One-piece construction provides superior thermal performance and reduces air infiltration.

The inner door panel and outer door panel cannot be separated and must be replaced as an assembly.

1. Remove all food and bins from the inner door liner.
2. Tape door to cabinet.
3. Remove the door closure mechanism (see previous procedure).
4. Remove the upper hinge.
5. Remove tape and lift the door off center hinge.
6. Remove 4 T-27 Torx screws and center hinge.

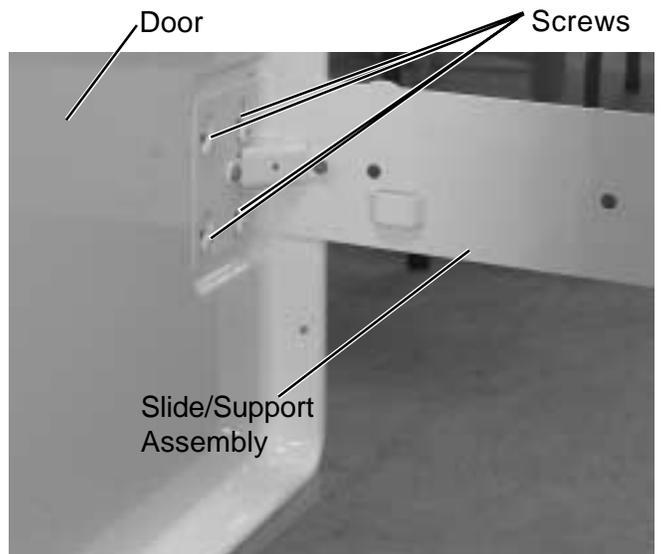
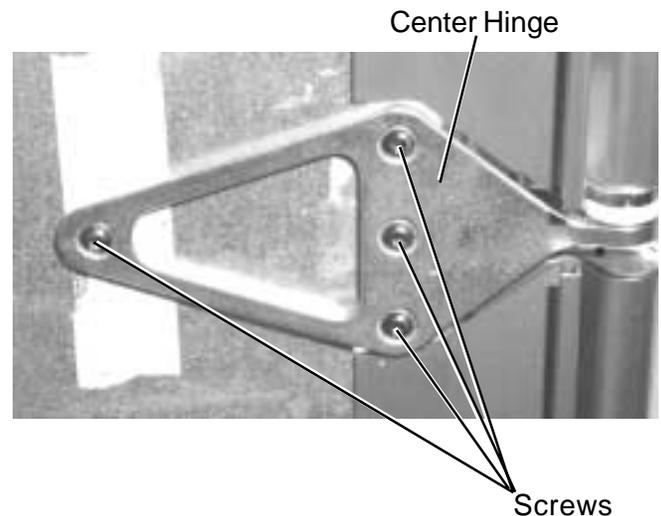
## Freezer Drawer

1. Loosen 4 screws connecting each side of the freezer door to the slide/support assemblies.
2. Lift door up and out to remove.

## Door and Drawer Gaskets

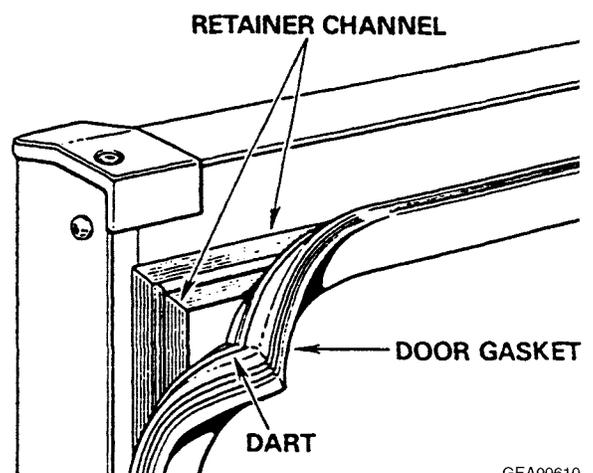
The fresh food door and freezer drawer have magnetic gaskets that create a positive seal to the front of the steel cabinet. The magnetic door gaskets are secured to the fresh food door and freezer drawer by a barbed edge that locks into a retainer channel.

1. Starting at any corner, pull the old gasket out of the retainer channel.
2. Soak the new gasket in warm water to make it pliable.
3. Push the barbed edge of the gasket into the retainer channel.



Left Side of Freezer Door

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