

Instruction Manual

REFRIGERATOR

SEARS
Kenmore

FOR FUTURE USE, PLEASE RECORD THE MODEL NUMBER, SERIAL NUMBER AND THE DATE YOU PURCHASED YOUR KENMORE REFRIGERATOR IN THE SPACES PROVIDED BELOW:

MODEL

SERIAL NUMBER _____

DATE PURCHASED _____

MODEL AND SERIAL NUMBERS
ARE LOCATED ON THE LEFT WALL
OF REFRIGERATOR SECTION.

START/ADJUST CONTROLS

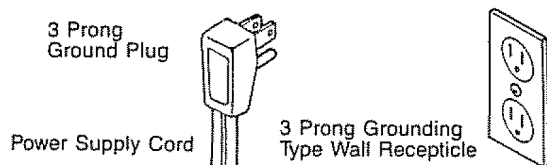
LOCATE

Your refrigerator must have air space. A one inch space is needed between the wall and the coils in the rear of your refrigerator. At least **three inches** of open space is needed directly **above** the refrigerator. Always allow **one half inch** space on **each side** of refrigerator for ease of installation and cleaning. If refrigerator is installed in a corner, additional space is needed to allow doors to be opened.

Your refrigerator is designed to operate at a room temperature of 60°F or warmer. When the room temperature drops below 60°F the compressor will not operate often or long enough to maintain a freezer storage temperature of 0°F to +5°F.

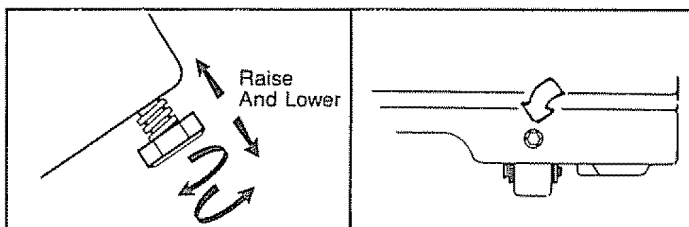
ELECTRICAL GROUNDING

Your refrigerator must be grounded. Use 120 Volt, 60 Hz outlet. Do not use extension cord or adapter plug. Use 3-prong plug with 3-prong grounded wall outlet. (Only this method complies with National Electrical Code, local codes and ordinances.)



UNLESS THE ABOVE GROUNDING METHOD IS FOLLOWED, YOU ARE NOT PROTECTED AGAINST A SEVERE OR LETHAL SHOCK IN THE EVENT OF A SHORT CIRCUIT OF AN ELECTRICAL COMPONENT OR WIRING OF REFRIGERATOR.

INSTALL

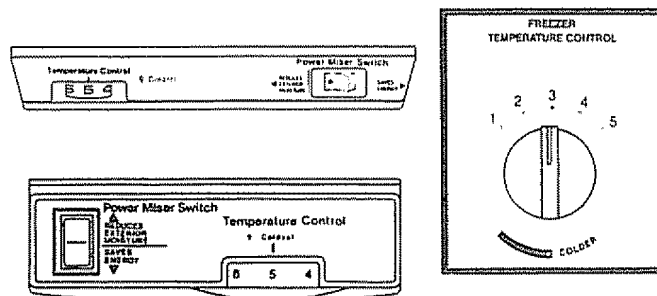


To adjust levelers (screw-type), tip the cabinet back slightly and raise or lower the screws as needed.

To adjust rollers, open the refrigerator door. Turn the bolts with an adjustable wrench until the refrigerator is level and stable. If your appliance did not come with rollers, they can be purchased from your dealer. Rollers make it easier to move the refrigerator when cleaning.

START

Set the refrigerator cold control on 5 and the freezer control on 3.



When first started, the refrigerator compressor may run up to 24 hours until the whole refrigerator is completely cooled. Setting the control on higher settings will not cool the refrigerator faster.

After 24 hours check your refrigerator and freezer temperatures. Usually, the colder the refrigerator the better. As long as milk and fresh vegetables do not freeze, your refrigerator section is not too cold.

Ice cream is the best check of freezer temperature. When stored in the freezer, it should be firm. If it is hard to serve and bricklike, the freezer is colder than necessary.

ADJUST

The controls are made to be adjusted. **DON'T BE AFRAID TO USE THEM.** Adjust the refrigerator and freezer temperature controls to suit your climate and household needs.

Each control works separately. Number 1 is the warmest setting on each.

- If either section is not cold enough, turn its control to a higher number.

- If either section is too cold, turn its control to a lower number.

After adjusting controls, wait 24 hours. Then make another change, if needed.

In the summer, or when the refrigerator door is opened often, you may need to turn the control in the freezer to a lower number so more cold air will enter the refrigerator section.

DON'T TURN THE REFRIGERATOR COLD CONTROL OFF UNLESS both freezer and refrigerator sections are completely empty. This control shuts off refrigeration in both sections.

FOOD STORAGE TIMES AND TIPS

Use these storage times as a guide. Actual storage times vary since food quality always varies.

FOR THE REFRIGERATOR SECTION

Moving air is the best way to cool food, but it can carry odors and dry out food. If not wrapped, most food becomes limp, stale and unappetizing. To protect food from air, cover it or place it in a freezer container or bag before refrigerating.

Wrap all food unless you're putting it in the storage drawers.

Bread: Refrigeration slows molding but bread still gets stale with time, so use within three days.

Dairy products: Keep product carton closed. Use milk, cream or cottage cheese within 5 days. Wrap cheese tightly with foil or plastic wrap. Hard cheese (cheddar, etc.) will keep as long as a month. Soft cheeses will keep up to two weeks. Store enough unwrapped butter for table use in the butter compartment. Use in two days. Wrapped butter keeps about two weeks.

Eggs: Store unwashed. Use within two weeks.

Fish: Clean. Wrap tightly. Freeze, unless you use it the same day you buy it.

Fruits: Wash, dry and store in crisper or humidor compartment. Store fruits with strong aromas (apples, melons) in plastic bags. Berries keep up to three days if stored, unwashed, in a shallow, covered bowl.

Leftovers: Let cool before storing. Wrap well. Use within two days (or freeze).

Meat: Wrap fresh meats loosely (and seal?). Wrap smoked meats tightly. Use foil or plastic wrap. Store in meat drawer or on lower shelf. For best results use within times shown below:

REFRIGERATOR STORAGE TIMES

	No longer than
Bacon and other Smoked Meats	14 days
Cold Cuts (Date on Package)	or 3 days
Ground Meat	1-2 days
Liver and other Organ Meats	1-2 days
Steaks and Roasts (Fresh)	2-3 days

Poultry: Rinse before storing. Wrap loosely in foil or plastic wrap and seal. (Wrap giblets separately.) Use within 2 days.

Vegetables: Wash, drain and store in crisper or humidor compartment or store unwashed in plastic wrap.

FOR THE FREEZER

Food to go in the freezer needs special packaging. Many times supermarket wrappings are not good enough. Food must have a second wrapping or be repackaged if it will be stored longer than a week or two.

Wrap carefully and seal. Contact with air shortens the life of food. Containers must be airtight. Fresh foods that are already packaged, such as bread or poultry, should be rewrapped. Use heavy-duty aluminum foil, freezer paper and tape or special freezer containers with tight fitting lids.

Freeze food only when it is fresh and in top condition. Do not refreeze.

Label and date each package. Use food with the oldest date first.

When loading the freezer, leave enough space at the front to let the door close completely and seal.

FREEZER STORAGE TIMES

	No longer than
Bread	6 months
Butter, Margarine	6-9 months
Cooked Dishes	3 months
Fish (Packaged Frozen)	3 months
Fruits	12 months
Ice Cream	1 month
Juice Concentrate	6 months
Meats —	
Bacon and other Smoked Meats	1 month
Beef or Lamb	5-6 months
Ground Meat	2-3 months
Liver and other Variety Meats	3-4 months
Pork or Veal	8-9 months
Poultry	4-6 months
Poultry Giblets	3 months
Vegetables	12 months

ENERGY SAVING TIPS

Ways to save power and money and still enjoy your Kenmore

1. Close the door as soon as you can. Make sure door is shut after each use so cold air doesn't escape.
2. Reduce door openings. Your cooling system won't have to run as often.
3. Keep the coils on the rear of refrigerator clean. Your refrigerator motor works harder when coils are dusty. Clean the coils at least every three months.
4. Adjust temperature controls. Try a warmer setting. Your refrigerator may be colder than needed. Check freezer temperature with ice cream. If it is hard to serve, the freezer is colder than needed. Check refrigerator with milk. As long as it keeps well, your refrigerator is cold enough.
5. Don't put hot foods in refrigerator.
6. Don't block the inside air vents. When food blocks the air flow, temperatures may be uneven and cooling less effective.
7. Keep your refrigerator level and stable so the doors seal tightly. See INSTALL on page 2.
8. Keep refrigerator away from stove or other heat sources. A cool and dry place lets your refrigerator work best.

USE AND CARE INFORMATION

AUTOMATIC ICE MAKER OR SPACE AVAILABLE FOR ONE

An automatic ice maker keeps a constant supply of ice available without ice trays to fill or spill.

A water line must be hooked up to the refrigerator before the ice maker can make ice. If there is no water line to your refrigerator, you may purchase copper tubing kit 978567.

If you did not buy an automatic ice maker with your new Kenmore, one can be added in most models at any time.

This model takes ice maker 46-8085. A freezer shelf is required for all models that have an ice maker. If you need a freezer shelf, order number 176582.

An automatic ice maker is easy to install yourself or you may contact your local Sears store or service center for installation.

A taste and odor filter (number 42-3474) is recommended and is available from most Sears Retail or Catalog outlets.

If you did buy an automatic ice maker, turn it off until you hook up the water line. To do this, raise the signal arm.

To start your ice maker, lower the signal arm. **NOTE:** After the water line is hooked up it may take up to 24 hours to make ice. At first the ice may be discolored or have an off flavor because of new plumbing connections. Throw away these first few batches of ice.

It may take as long as a week to fill the ice bucket. Once it is filled the bucket refills itself as you use ice.

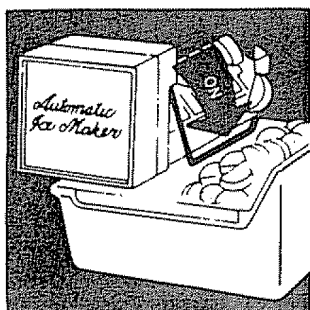
Shake the bucket gently each day to keep the ice from sticking together.

Ice may develop an off flavor and color, or shrink and stick together, if kept too long. Empty and wash the bucket about once a month and make a new supply of ice.

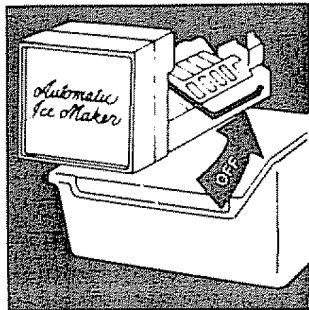
Plan ahead for parties. If you will be needing a large supply of ice, empty bucket into a plastic container or insulated paper bag and store in freezer.

If water overflows from ice maker, check to be sure refrigerator is level.

Having doors open too often or too long will reduce ice making.



Lower the signal arm to start ice maker.



Raise the signal arm to stop ice maker

AIR OUTLET

Do not block air outlet. It is behind the cold control in the refrigerator. This outlet cools the entire refrigerator. Beverages and food left in front of the outlet too long may freeze.

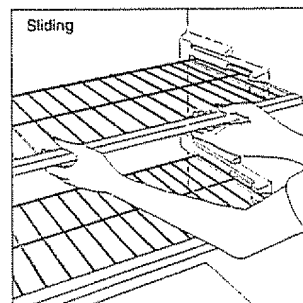
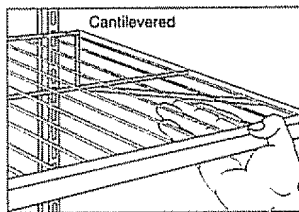
POWER Miser SWITCH

If moisture appears on the outside of your refrigerator, change switch to REDUCES EXTERIOR MOISTURE. Return switch to SAVES ENERGY when humidity is low.

SHELVES — Refrigerator shelves are adjustable to suit individual needs for general food storage. Before adjusting shelves, remove all food.

If your model has cantilevered shelves (supported at the rear of the refrigerator section), lift the back of the shelf up and pull forward. Replace the shelf by inserting hooks at rear into slots. Lower and lock into position.

If your model has sliding shelves, remove by pulling forward to the stop position. Lift the front edge and pull out. Replace on any pair of rails by reversing this procedure.



FOOD STORAGE

DOOR STORAGE — Door shelves in your refrigerator provide convenient storage for bottles and cans.

The dairy compartment, warmer than the general food section, is ideal for short-term storage of butter and cheese.

The door area (some models) provides short-term storage for eggs. For longer periods store eggs in original carton on a refrigerator shelf.

Shelves on your freezer door are for juice cans and other frozen packages.

CRISPERS — Crispers are designed for storing fresh produce. Most vegetables should be washed in clear water and drained before being placed in the crisper. Any water remaining on the vegetables will help maintain their crisp freshness.

CLEAN YOUR REFRIGERATOR THOROUGHLY TWICE A YEAR

WARNING: ALWAYS REMOVE POWER CORD FROM THE WALL OUTLETS WHEN CLEANING IN THE VICINITY OF ELECTRICAL PARTS (BULBS, SWITCHES, CONTROLS, ETC.). WRING EXCESS MOISTURE OUT OF SPONGE OR CLOTH SO IT WILL BE BARELY DAMP TO PREVENT WATER OR LIQUID FROM GETTING INTO ANY ELECTRICAL PART AND CAUSING A POSSIBLE ELECTRIC SHOCK HAZARD.

INSIDE

1. Remove food. Pack frozen food in a picnic chest, cardboard box or wrap in several layers of newspaper to keep it frozen.
2. Take out and wash removable parts with mild detergent, rinse and dry.
3. Wash inside with two tablespoons of baking soda mixed in one quart of warm water. If necessary, use soap or mild detergent and water. Rinse well and dry.

CAUTION:

- (1) **DO NOT USE FLAMMABLE OR TOXIC CLEANING LIQUIDS.**
 - (2) **DO NOT USE STRONG DETERGENTS, SCOURING POWDER OR PADS WHICH MAY CRACK PLASTIC.**
 - (3) **DO NOT WASH ANY PARTS IN A DISHWASHER UNLESS MARKED "DISHWASHER SAFE".**
4. Wash magnetic door gaskets with mild detergent and warm water. Rinse well and dry.
 5. Replace all parts and plug power cord into wall outlet.

OUTSIDE

1. Use mild detergent or soap solution on outside of cabinet. Rinse well and dry. Do not use scouring powder or pads.
2. In hot, humid areas, a good automotive wax is recommended for the outside of cabinet. Be careful not to get wax on door gaskets or inside liner as it could damage these parts.
3. Vacuum the coils. The coils (tubing and wire attachment) are on the rear of the refrigerator. Do not bend or twist tubes. These coils should be kept clean.
4. Clean the defrost water tray located on top of compressor at bottom rear of refrigerator. Make sure water tube is over the tray.
5. Since you have moved the refrigerator, make sure the doors seal tight. If they don't, level the refrigerator. (See INSTALL, page 2.)

VACATION

Any time you won't be using your refrigerator, such as during vacation, empty and unplug it. Clean inside and block doors open. Air moving through your refrigerator will help prevent odors.

MOVING

Before moving your refrigerator to a new location, remove all food. (Pack frozen food in dry ice). Unplug the refrigerator and tape power cord securely to the back.

Take out and pack all removable shelves and drawers. Clean and dry your refrigerator. Tape all doors, drawers and shelves that are not removed.

MOVE YOUR KENMORE IN AN UPRIGHT POSITION, NEVER ON ITS BACK OR SIDE.

POWER FAILURE

If you have a power failure, keep refrigerator doors closed. If power is off for more than five hours, fill extra space in freezer with dry ice or take food to nearest food locker plant.

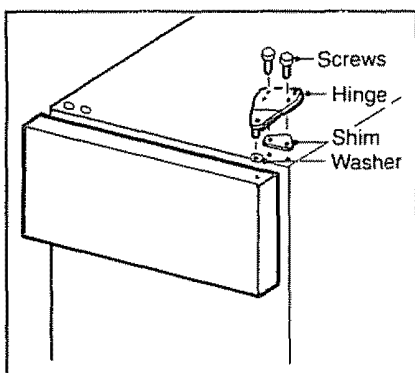
WARNING: DO NOT USE YOUR REFRIGERATOR NEAR FLAMMABLE LIQUIDS SUCH AS GASOLINE. DO NOT USE YOUR REFRIGERATOR FOR STORAGE OF FLAMMABLE LIQUIDS.

REVERSING DOOR SWING

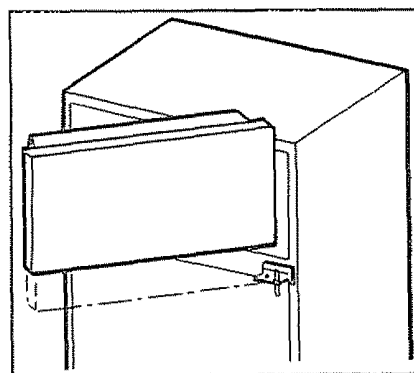
Your refrigerator is equipped with convertible hinges. The door hinges can be changed to the opposite side if you wish. An envelope containing extra hole plugs is included with some models.

TOOLS REQUIRED: #2 Phillips screwdriver, putty knife, adjustable wrench.

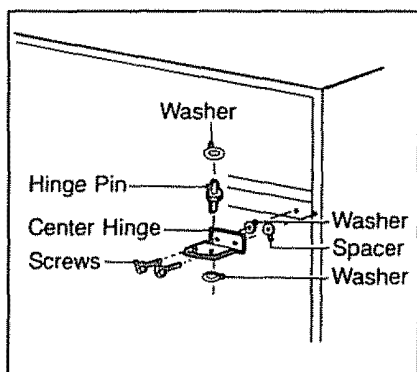
Turn the Cold Control to OFF. Remove food, juices and any loose articles from the doors.



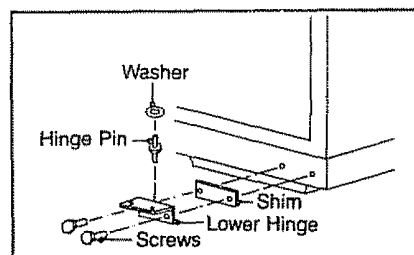
1. With the freezer door closed, remove the two screws attaching the upper hinge to the cabinet. Lift the hinge off. **BE SURE TO SAVE THE SCREWS, HINGE, SHIM AND WASHER FOR REINSTALLATION.**



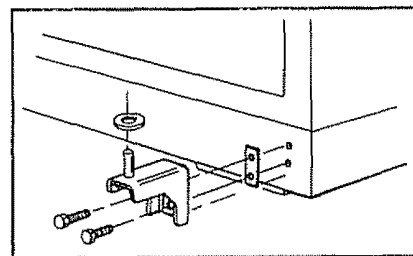
2. Open the freezer door and lift it off the center hinge.



3. With the refrigerator door closed, remove center hinge pin. (Note arrangement of upper and lower washers on hinge pin for reassembly.) Open lower door and lift it off lower hinge. Remove two screws from center hinge. **SAVE THE HINGE, PIN, SCREWS, SPACER (some models) AND WASHERS FOR USE LATER.**

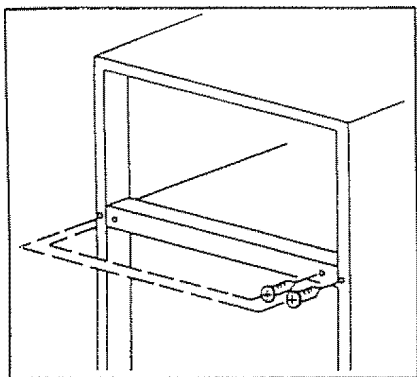


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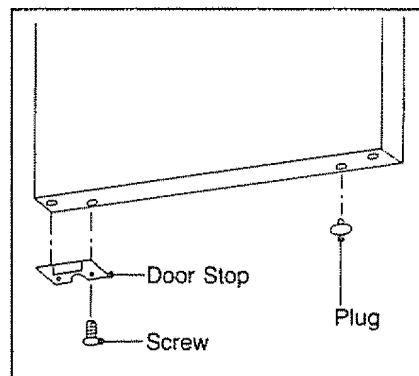


4. Remove hinge pin (some models), hinge and the two screws attaching the lower hinge. **Save the hinge pin and shim (some models), and washer for reassembly later.**

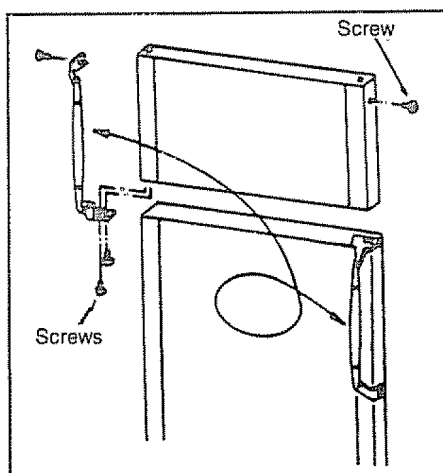
REVERSING DOOR SWING (continued)



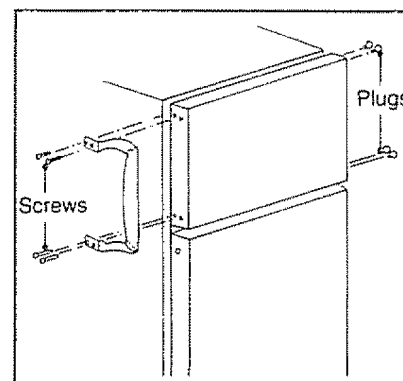
5. Remove the screws from center hinge holes and reinstall in the opposite set of holes.



6. Remove door stop and small plug (some models) from bottom of lower door and reinstall in opposite side.

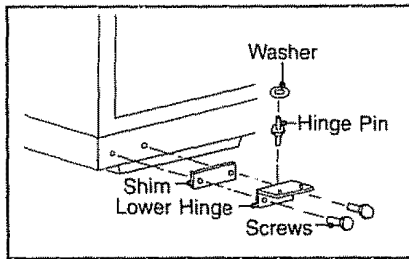


7. On models with handles mounted as shown, remove and save handle screws. Remove screws and hole plugs from corresponding holes on opposite side of doors. Install the handle that was originally on upper door to opposite side on lower door (as illustrated) and handle from lower door to opposite side of upper door. Seal original handle holes with screws and hole plugs you removed from opposite sides.

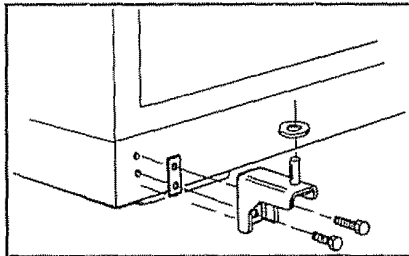


8. On models with handles mounted on sides of doors, remove and save handle screws. Remove hole plugs from corresponding holes on opposite side of doors. Install the handle on opposite side of doors. Seal original handle screw holes with hole plugs you removed from opposite sides.

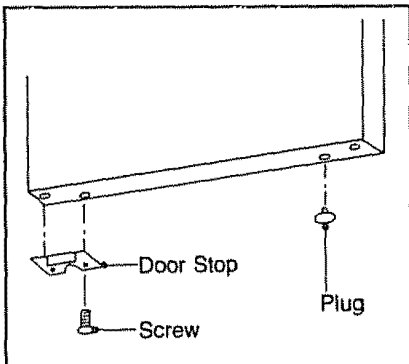
REVERSING DOOR SWING (continued)



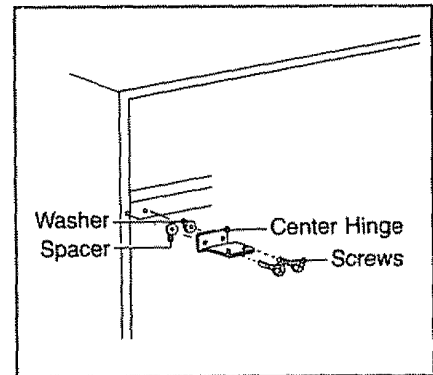
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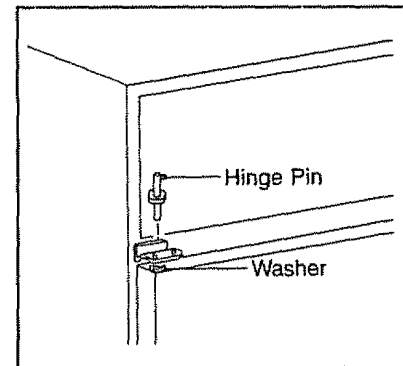
9. Using a putty knife, remove the black plastic plug (not shown) from front of base and reinstall in the opposite set of lower hinge holes. Assemble lower hinge to cabinet, being sure to use the same shim (some models) between the hinge and cabinet. Install hinge pin (some models, top illustration) in opposite hinge hole from which it was removed. Install the washer on the lower hinge pin. Tighten hinge screws until the hinge touches cabinet. Do not over tighten screws. Hinges will have to remain loose against cabinet to align door.



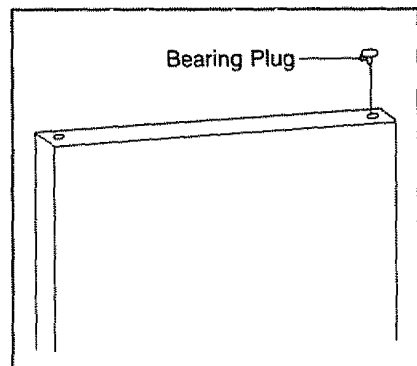
12. Remove door stop and small plug (some models) from bottom of upper door and reinstall on opposite side.



10. Attach center hinge with washer and spacer (some models) to cabinet as shown. Do not tighten.

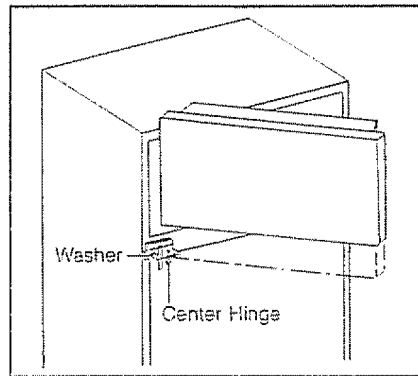
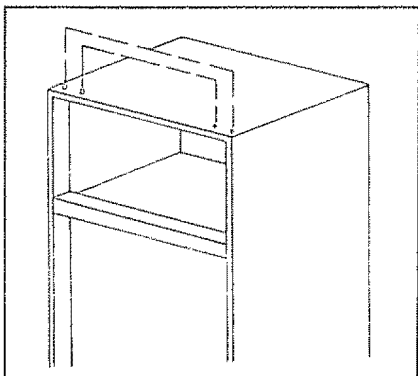


11. Install lower door on lower hinge pin. Align door with edge of cabinet. The gasket magnet will hold the door in place. Using the original washer on bottom pin of center hinge, install pin in top of lower door.



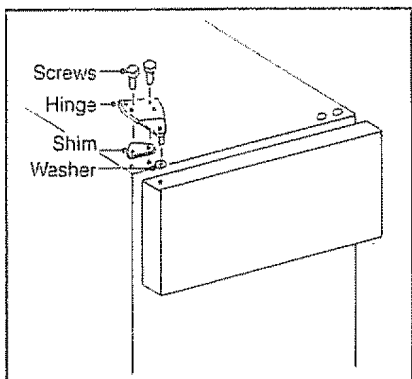
13. Remove plug from top hinge bearing of upper door and reinstall on opposite side.

REVERSING DOOR SWING (continued)



14. Remove screws (or plugs) in the hinge holes in the top of the cabinet and reinstall in the opposite set of holes.

15. Place washer on center hinge pin. Position upper door on center hinge.



16. Assemble upper hinge to top of cabinet and door. (Use opposite set of holes.) Do not tighten screws.
Align upper door with lower door so there is a parallel gap. Adjust door to cabinet so gasket seals but does not bind. Tighten upper and lower hinge screws.

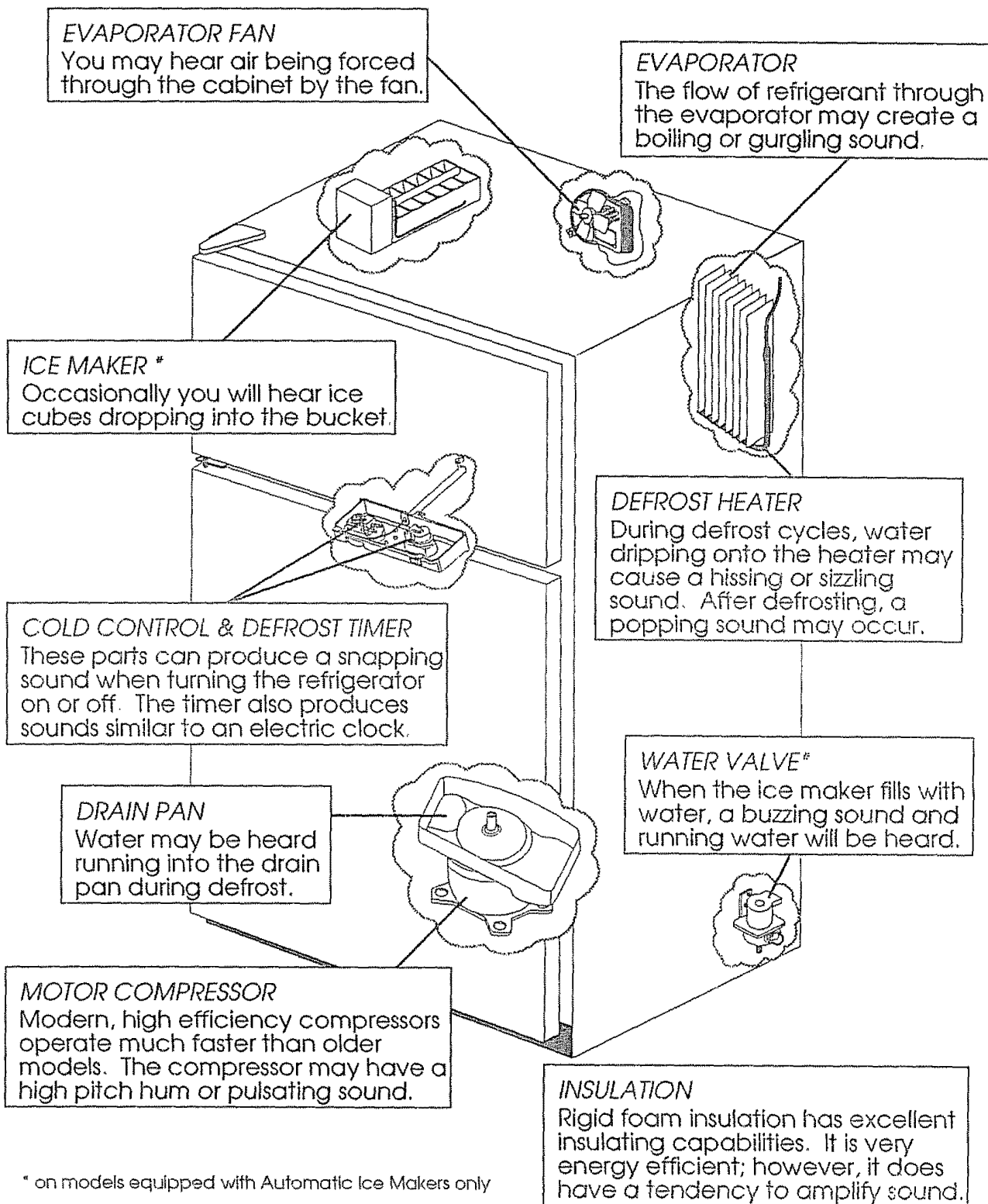
If door still does not seal, call your Dealer or Service Agency. Service on the door seal after reversing doors is not included in the warranty.

Additional adjustment may be necessary after loading the door shelves.

Door Seal: Check door seal by closing the door on a 2.5 cm (1 in.) wide strip of paper. A slight drag should be noticed when the paper is pulled out from between the gasket and the cabinet. Repeat around all four sides of door. If door does not seal, readjust upper or lower hinge as necessary.

17. Return food, juices and other articles to doors. Turn on refrigerator/freezer controls.

NORMAL OPERATING SOUNDS



BEFORE CALLING FOR SERVICE



WARNING: ELECTRICAL SHOCK HAZARD
YOUR KENMORE REFRIGERATOR IS AN ELECTRICAL APPLIANCE AND SHOULD BE UNPLUGGED BEFORE CHANGING LIGHT BULBS OR OTHER SERVICING THAT INVOLVES THE ELECTRICAL SYSTEM.

You may be able to save a service call by reading the answer to your question below.

REPLACE LIGHT BULB

The light bulb is located behind the refrigerator cold control.

When replacing the bulb, use only a 40 watt appliance bulb.

MY REFRIGERATOR SOUNDS NOISY

1. Your new refrigerator will sound different than your old one. It has many new features that will make different sounds than you are used to.
2. The insulation in your new refrigerator is more energy efficient but does not absorb sound as well.
3. The high efficiency compressor runs faster and, therefore, makes a different operating sound.
4. Be sure your refrigerator is level, is not touching the wall and rests flat on the floor at all four corners.
5. Check to be sure food containers or bottles inside the refrigerator are not touching or rattling.

MY NEW REFRIGERATOR RUNS MORE THAN MY OLD ONE

1. It may be maintaining a lower temperature.
2. The new high efficiency compressor is designed to run more but uses less energy.

MY REFRIGERATOR IS TOO WARM

1. Adjust controls to a colder setting.
2. Review section on adjusting controls on page 2.

MY REFRIGERATOR HAS STOPPED RUNNING AND THE LIGHT IS NOT ON

1. Check the light bulb.
2. Be sure cold control is set properly. See page 2.
3. Make sure power cord is making good contact in wall outlet. Check outlet with a lamp or another appliance.
4. Check fuse box for a blown fuse or tripped circuit breaker.

MY CRISPERS DON'T SLIDE EASILY ANYMORE

1. Be sure slides are clean.
2. Check for items that may be keeping crisper from sliding.

MOISTURE COLLECTS ON THE OUTSIDE OF MY REFRIGERATOR

1. It is normal, in periods of high humidity, for some moisture to collect on the outside of the refrigerator.
2. Be sure doors seal tightly. Check for items inside refrigerator that may be keeping door from closing. See leveling instructions on page 2.
3. Set Power Miser at "Reduces Exterior Moisture".

MOISTURE COLLECTS ON THE INSIDE OF MY REFRIGERATOR

1. Opening doors often in humid weather may cause moisture.
2. Uncovered food could cause moisture. See Food Storage Times and Tips.
3. Check to see if something inside the refrigerator is keeping the door from closing.
4. Crispers may collect moisture from fresh washed fruits and vegetables. Clean and dry crispers as necessary.

NOTE: Moisture is not created by your refrigerator. It comes from food you store in your refrigerator or from the air outside your refrigerator.

THERE IS AN ODOR IN MY REFRIGERATOR

1. Odors in your refrigerator are caused by spilled foods. Clean both refrigerator and freezer sections thoroughly twice a year (or more often, if necessary).
2. All foods should be covered. Be sure onions, garlic or other strong flavored foods are covered tightly.
3. Check for spilled foods on containers, such as salad dressings, catsup bottles, etc.

ICE HAS AN ODD FLAVOR

1. Ice absorbs odors.
2. Be sure your refrigerator is clean and all foods are covered.
3. Make a new supply of ice once each month.

SEARS

Kenmore

FULL ONE YEAR WARRANTY ON REFRIGERATOR

For one year from the date of purchase, when this refrigerator is operated and maintained according to instructions attached to or furnished with the product, Sears will repair this refrigerator, free of charge, if defective in material or workmanship.

FULL FIVE YEAR WARRANTY ON SEALED REFRIGERATION SYSTEM

For five years from the date of purchase, when this refrigerator is operated and maintained according to instructions attached to or furnished with the product, Sears will repair the sealed system (consisting of refrigerant, connecting tubing and compressor motor), free of charge, if defective in material or workmanship.

The above warranty coverage applies only to refrigerators which are used for storage of food for private household purposes.

WARRANTY SERVICE IS AVAILABLE BY CONTACTING THE NEAREST SEARS SERVICE CENTER/DEPARTMENT IN THE UNITED STATES. THIS WARRANTY APPLIES ONLY WHILE THIS PRODUCT IS IN USE IN THE UNITED STATES.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co., D-731CR-W, Sears Tower, Chicago, IL 60684

WE SERVICE WHAT WE SELL

Your Kenmore has added value when you consider that Sears has professional technicians trained on Sears appliances, with the parts, tools and equipment to ensure that we meet our pledge to you. . . . "We Service What We Sell".

MODEL NUMBER LOCATION

If you ever need service be sure to give the complete model number. It's on a plate located on the left wall of the refrigerator section.

TO ORDER PARTS, SEE THE REPAIR PARTS LIST THAT CAME WITH YOUR REFRIGERATOR.

TO FURTHER ADD TO THE VALUE OF YOUR KENMORE, BUY A SEARS MAINTENANCE AGREEMENT.

Sears Kenmore refrigerators are designed, manufactured and tested for years of dependable operation. Yet any modern appliance may require service from time to time. The Sears Warranty plus the Sears Maintenance Agreement provide protection from unexpected repair bills.

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