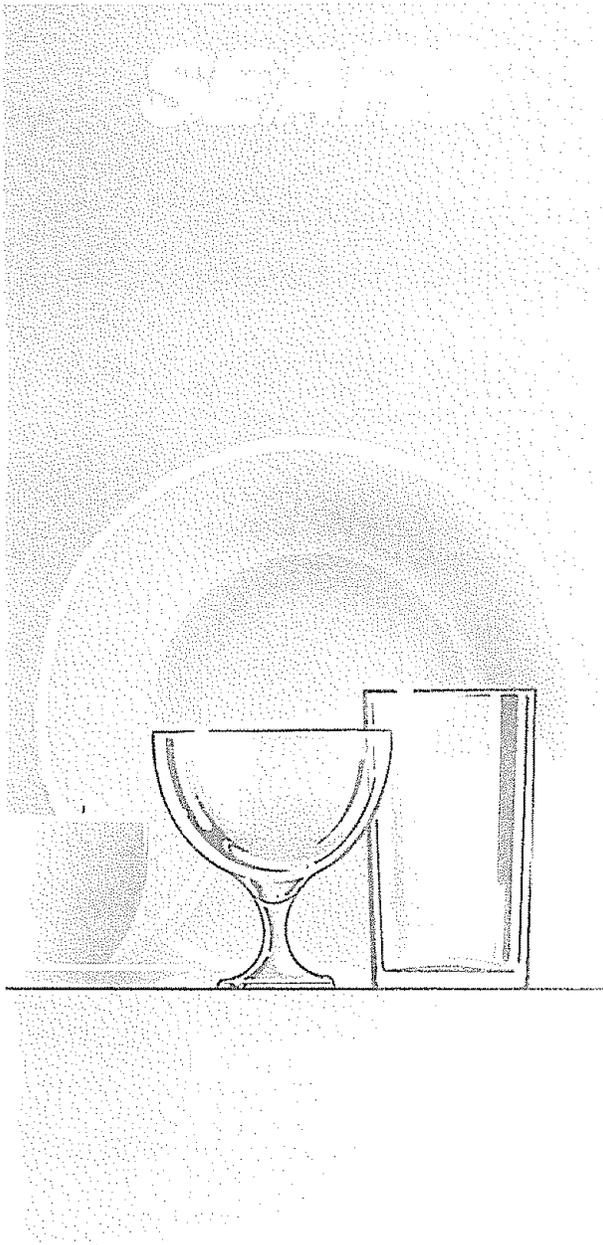


Automatic Dishwashing Guide



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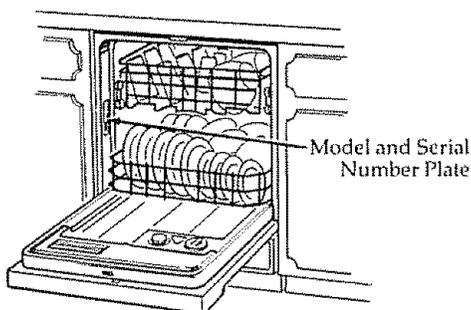
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Sears Service

Back Cover



Fill in these spaces:

Model No. _____

Serial No. _____

Purchase Date _____

Important Safety Instructions

WARNING: Please follow basic precautions, including the following:

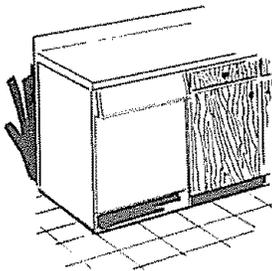


Read all instructions before using your dishwasher.

ONLY use detergents and rinse agents recommended for use in a dishwasher.

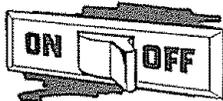


Store detergents and rinse agents in a cool, dry place **OUT OF CHILDREN'S REACH.**

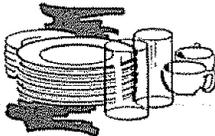


DO NOT tamper with controls.

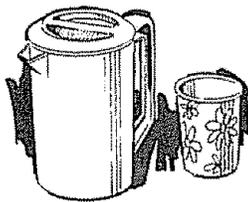
DO NOT operate dishwasher unless all enclosure panels are properly in place.



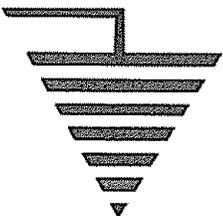
ALWAYS disconnect electrical power to dishwasher before attempting to service it.



REMEMBER, use dishwasher for its intended purpose only.



DO NOT wash plastic items unless marked "Dishwasher Safe" or equivalent. If unmarked, check manufacturer's recommendations.



This dishwasher must be properly installed in accordance with the Installation Instructions before it is used.

TO AVOID RISK OF ELECTRICAL SHOCK, the dishwasher must be electrically grounded before it is operated.

If you did not receive an Installation Instruction booklet with your dishwasher, you can get a copy by contacting your Sears Service Center.

DO NOT touch heating element during or immediately after use. Allow time to cool.

Load sharp or pointed tableware with handles up (points down) to avoid injury when reaching into dishwasher.

Load sharp items and knives so they aren't likely to damage door seal.

DO NOT sit or stand on or abuse dishwasher door or dishracks.

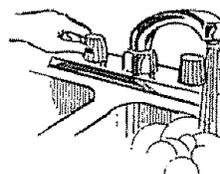
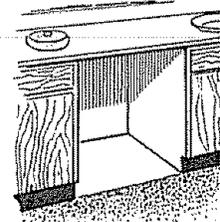
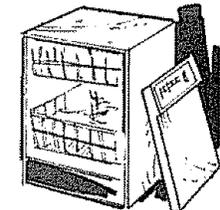
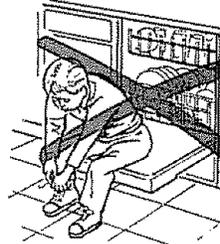
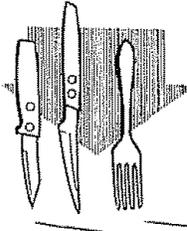
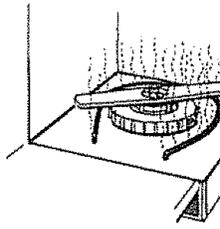
DO NOT allow children to play in or on dishwasher.

When discarding old dishwasher, **BE SURE** to remove door to prevent accidental entrapment.

DO NOT install the dishwasher on carpeted floor.

WARNING: Under certain conditions, hydrogen gas may build up in a hot water system that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** To prevent injury or damage, before using dishwasher, turn on all hot water faucets and allow water to run for several minutes. This will allow gases to escape. As the gas is flammable, **DO NOT** smoke or use an open flame or appliance near faucets while they are open.

Save These Instructions



What Your Dishwasher Needs To Do Its Job

Hot Water

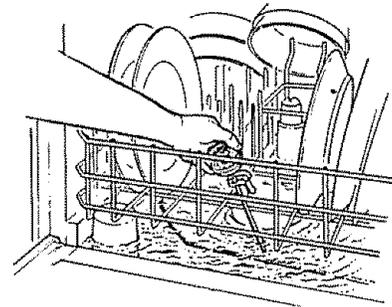
Water supplied to dishwasher must be at least 140°F. For water temperature below 140°F, the Water Heat option can be used. To prevent dish damage, incoming water should not exceed 150°F.

- Check the water temperature inside your dishwasher with a candy or meat thermometer.

Let the dishwasher run through one fill and pump-out cycle, then let it fill with water the second time. When you hear the water stop filling, unlatch the door and slowly open it. Remove the silverware basket, place a candy or meat thermometer in the water towards the middle of the tub, and measure the temperature of the water in the bottom of the tub.

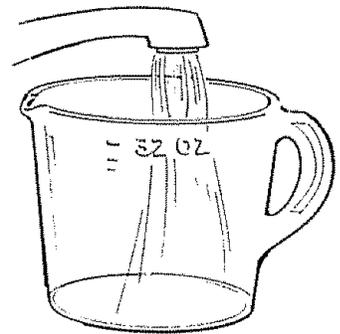
If the temperature is less than 140°F, set your water heater's thermostat up.

- Do not operate the dishwasher during or right after other heavy use of hot water, such as for laundry or bathing.
- Use the Water Heat option, if necessary, to bring water to the proper washing temperature.



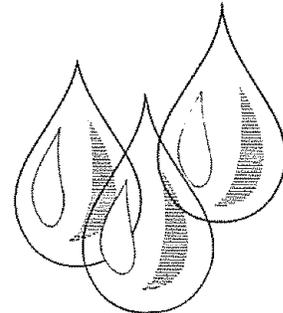
Water Pressure

Water supply pressure must be between 15 and 120 pounds per square inch. To determine if you have enough pressure, put a 1/2 gallon container under a fully opened hot water faucet nearest the dishwasher. If the container fills in less than 14 seconds, water pressure is within an acceptable range. Be sure all other faucets are turned off during this test.



Water Conditions

In areas where water is very hard (12 grains or more), it may be necessary to install a water softener to assure proper performance from your dishwasher. If you do not know the hardness of your water supply, contact your local water department or bring a sample into your Sears store for testing.



Detergents

Only use detergents labeled for use in automatic dishwashers. NEVER use laundry detergents, liquid soaps or other household cleaners in your dishwasher. Some detergents will be more effective with your water conditions than others. Store detergent in a cool, dry place.



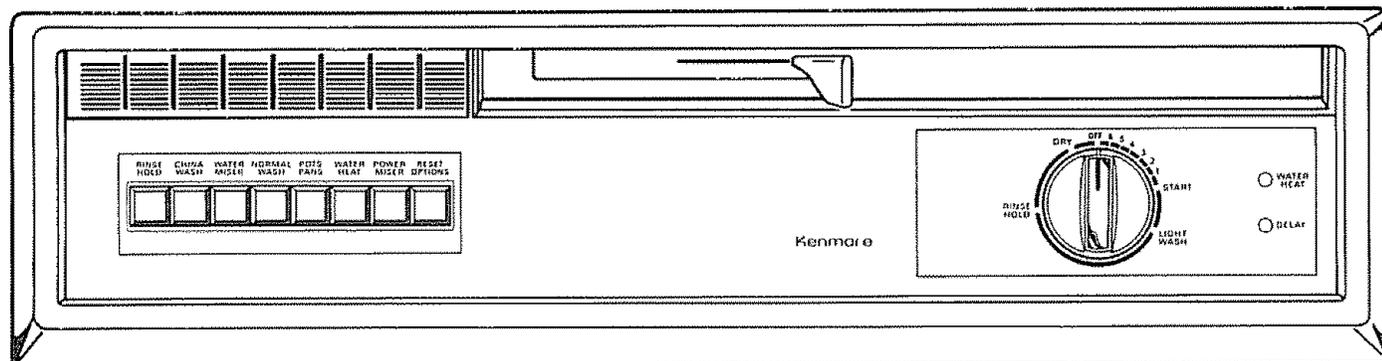
Rinse Agents

Rinse agents make water flow off dishes quicker than usual. This lessens water spotting and makes drying faster, too.

Selector Buttons

Door Latch (Locked)

Cycle Indicator Dial



Starting Your Dishwasher

1. Load the dishwasher (see pages 6 and 7).
2. Add detergent (see page 9).
3. Close the door but **do not latch it**.
4. If dishwasher drains into a food waste disposer, operate disposer until it is empty.
5. Turn on hot water faucet nearest dishwasher and let it run until the water is hot.
6. Push selector button for desired cycle. If you plan to use the LIGHT WASH cycle, push the NORMAL WASH button.
7. Push selector buttons for desired options.

When NOT using DELAY START...

- Slowly turn the Cycle Indicator Dial to START for the NORMAL WASH cycle. Then latch the door to start the dishwasher.

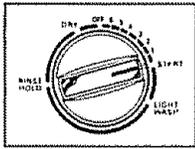
When using DELAY START (for all cycles)...

- Slowly turn the Cycle Indicator Dial to desired delay time (up to 6 hours). Then latch the door to start the timer.
- The DELAY light will come on and stay on until the dishwasher starts automatically at the end of the selected delay time.

Select the Cycle

		POTS & PANS Cycle For heavily soiled dishes and pots and pans. Cycle Time: Approx. 92 minutes* Water Usage: Approx. 11.6 gallons	
		NORMAL WASH Cycle For normally soiled dishes Cycle Time: Approx. 83 minutes* Water Usage: Approx. 11.6 gallons	
		LIGHT WASH Cycle For prerinsed or lightly soiled dishes and dishes that have been stored. Cycle Time: Approx. 75 minutes* Water Usage: Approx. 8.3 gallons	
		WATER MISER Cycle For tableware that is lightly soiled with fresh soils and is prerinsed. Cycle Time: Approx. 83 minutes* Water Usage: Approx. 9.8 gallons	

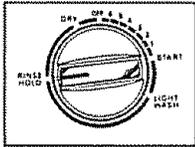
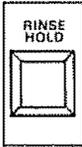
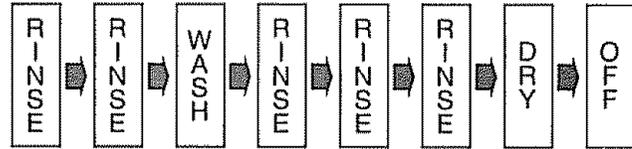
*Unextended times. These cycle times may be increased up to 9 minutes if necessary for your dishwasher to heat the water to proper temperature for good washability when you use the WATER HEAT button.



CHINA WASH Cycle

For lightly soiled china and crystal
Water action is softened by pumping
air along with water.

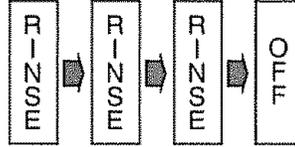
Cycle Time: Approx. 83 minutes*
Water Usage: Approx. 8.7 gallons



RINSE & HOLD Cycle

For rinsing dishes that will be washed
later **DO NOT USE DETERGENT**

Cycle Time: Approx. 13 minutes
Water Usage: Approx. 4.7 gallons



Select Options



WATER HEAT Option

Select this option and the
main wash cycle is extended 9
minutes while the dishwasher
automatically heats the water
for good washing and drying



POWER MISER Option

Turns heater off for entire
drying period. To shorten
drying time, open dishwasher
door slightly.



RESET OPTIONS Button

Cancels selected WATER
HEAT and POWER MISER
options. Main wash time will
not be extended, and dishes
will dry in heated air.

Normal Sights & Sounds

- You'll hear occasional sounds while your dishwasher is running:
 - Soft food disposer shredding action.
 - Drain valve opening to pump water out.
 - Timer control as cycle progresses.
 - Detergent cup opening.
 - Pump motor starting.
- The motor stops during drying.
- You'll see water vapor coming through the vents by the door latch during drying and when water is being pumped out.

How to Add a Dish During a Cycle

- Add dishes any time during a Rinse & Hold cycle.
- With other wash cycles, you can add dishes at any time **BEFORE** the main detergent wash portion of the cycle.
- Here's how to add a forgotten dish:
 - Push door latch to the left. Washing will stop.
 - Wait a few seconds until the water calms. Then open the door.
 - Add dishes you've forgotten.

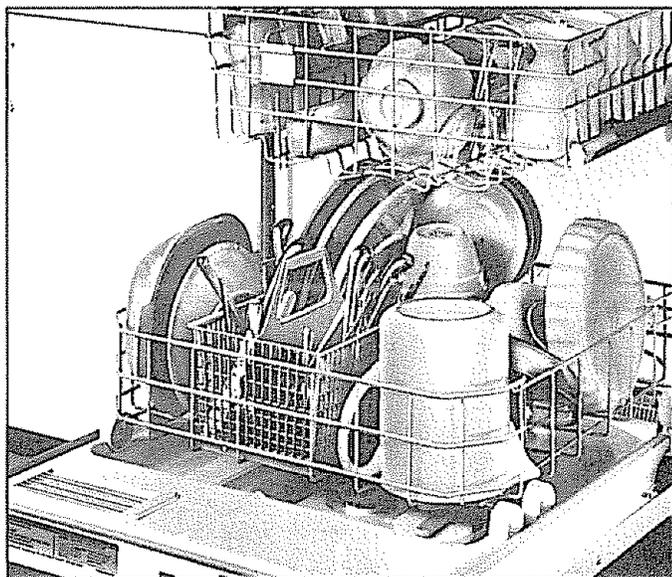
Energy and Water Saving Tips

- Wash full loads.
- Use your dishwasher during off-peak hours.
- Use the LIGHT WASH or WATER MISER cycle whenever possible.
- Select Power Miser drying option when you don't need dry dishes in a hurry.
- Don't pre-rinse normally soiled dishes.
- Load correctly to insure good washing action.

Preparing Dishes for Washing

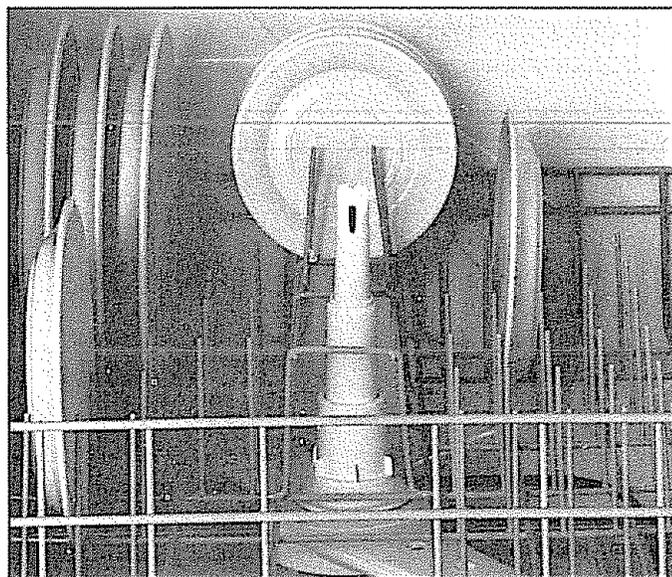
- Pre-rinsing of normal food soil is not necessary.
- Scrape off bones, seeds, skins, toothpicks and other hard soils.
- Remove hard shelled vegetables, meat trimmings, leafy vegetables, and excessive amounts of oil or grease.
- Remove foods with high acid content—they can discolor stainless steel.
- Remove large quantities of *any* food.
- When using the POTS & PANS cycle, less preparation is required. This cycle can wash heavily-soiled dishes and remove dried-on and baked-on soils from pots, pans and casseroles. However, items with burned-on soils may not come clean.

Proper Loading



This is a random mixed load, the most common type you will have.

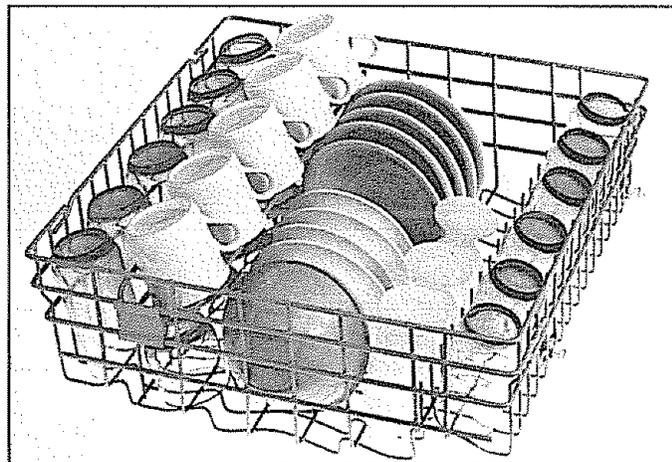
Make sure dishes are properly loaded to insure that water can reach the soiled surfaces. The wash arm in the bottom sprays water up. The tower that rises in the center sends water out over the dishes to wash the items in upper rack. A spray arm in the top washes down also. Make sure to place tall items to the outside so the upper wash arm is not blocked.



WATCH OUT FOR THIS.

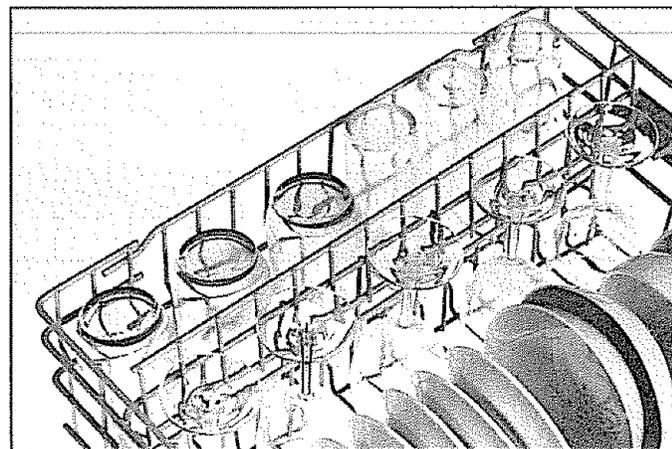
The washer tower rises through the center of the bottom rack during the wash and rinse portions of the cycle. Don't block it or load tall things next to it. Also, be careful not to let a portion of an item such as a pot or dish handle extend through the bottom rack. This could block the wash arm and cause poor washing results.

Upper Rack



The top rack is best for glasses, cups and saucers. Two rows of cups can be washed when using the folding shelf. Load the bottom row first, then fold down the shelf and load the top row. Cups and glasses fit best along the sides. This is the place for dishwasher-safe plastics, too. Make sure small plastic items are lodged in tightly so they can't fall onto the heating unit. Arrange stemware so that it cannot move easily. Don't let the glasses touch each other.

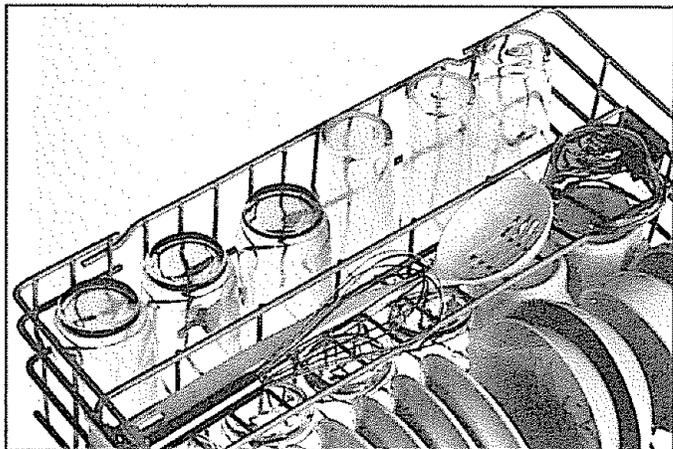
Sauce pans, mixing bowls and other small items may be placed—face down—in the top rack. The top rack is handy for all kinds of odd shapes. Be sure the force of water and detergent can reach soiled surfaces.



Shelf Up

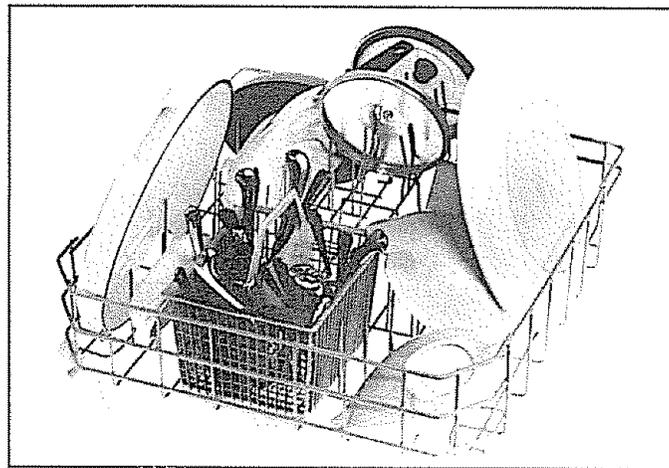
Fold the folding shelf up for glasses and tall things. Place tall items to the outside so the upper wash arm is not blocked.

Upper Rack



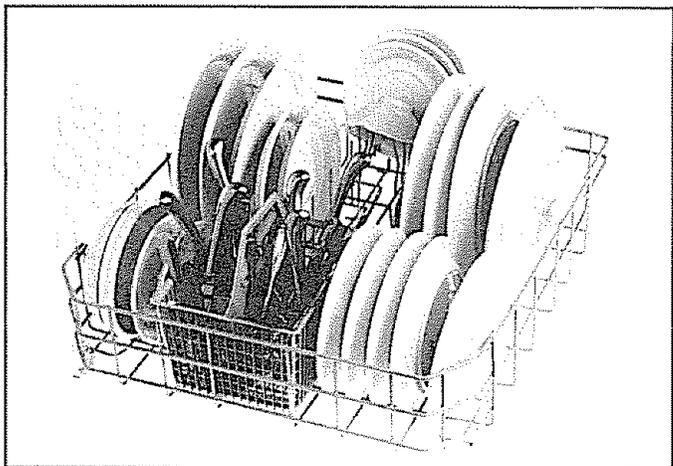
Shelf Down

The folding shelf gives you extra space for cups and long utensils on two levels. Load the lower level first, then fold the shelf down.



Load platters, pots, pans and bowls along the sides, in corners or in the back. All large items, such as pitchers, salad bowls, and mixing bowls, should be washed in the lower rack.

Lower Rack

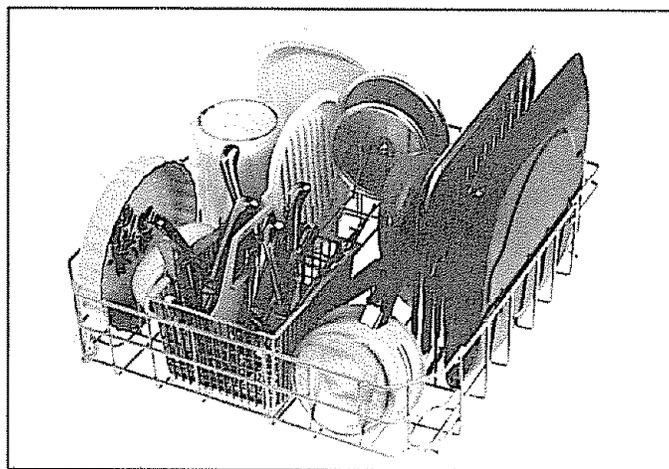


Fit plates and saucers between the pins. Place items so that water and detergent from wash arm can reach soiled surfaces.

Put flatware in the removable basket with handles up to protect your hands. Mix knives, forks and spoons so they don't nest together. Distribute evenly. Small plastic items, such as measuring spoons and lids from small containers are not recommended for automatic dishwashing. If placed in the dishwasher, they should go in bottom of the silverware basket with silverware on top.

Precaution!

Take out anything that may fall or extend through the bottom of the basket.



Heavily soiled pots, pans and casseroles **MUST** be loaded in the bottom rack, facing down. Prop broiler pans and racks along the edge.



Special Tips On Dishwasher Use

Most utensils and dishware can be safely washed in your dishwasher. However, some materials may require special handling.

Aluminum: Some darkening may take place. Colored aluminum may fade. Do not place aluminum items directly in front of detergent cups where contact with undissolved detergent could cause pitting, spotting or discoloration.

Cast Iron: Cast iron utensils should be handwashed.

China: Antique, hand-painted china and those with gold or platinum rings should be handwashed.

Crystal: Load carefully **in upper rack only**. To prevent chipping, items should not touch. Handwash delicate items. Select Power Miser drying option to air-dry crystal items.

Flatware: Sterling, silverplate and stainless steel are normally dishwasher safe. Flatware with dark decorative shading and/or non-metallic handles should be handwashed.

Pewter: Pewter or pewter-like materials should be handwashed.

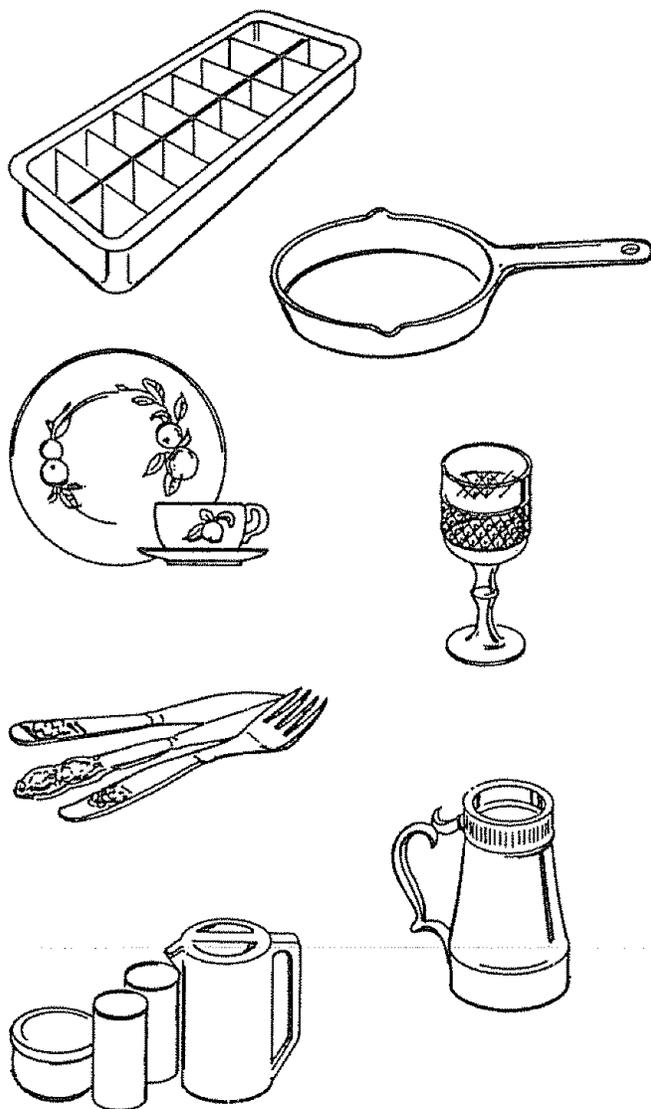
Plastic: Plastic items should be placed **in upper rack only**. Wash only those items marked "Dishwasher Safe."

Wood: Wood items should be handwashed.

Glass: Milk glass should be handwashed.

Non-Stick Coatings: After washing, wipe the non-stick coating area with vegetable oil to keep it from losing its non-stick quality.

Non-Dishware Items: DO NOT wash items such as electronic air cleaner filters, furnace filters and paint brushes in your dishwasher. Damage to dishwasher and discoloration or staining of dishwasher may result.



Detergent Dispenser

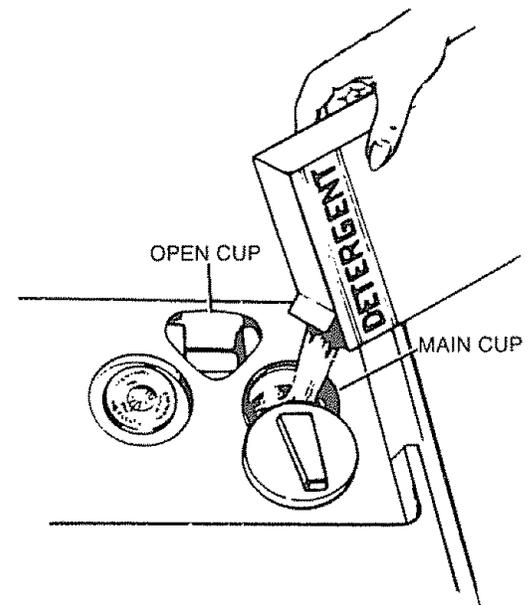
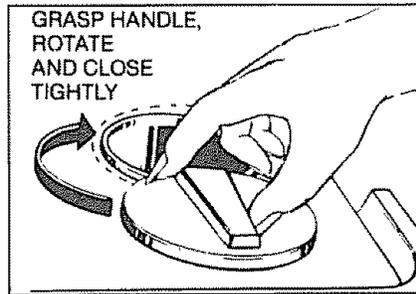
You'll find two detergent dispensers on the inside door of your dishwasher because some cycles use two washes.

Do not add detergent until you are ready to start the cycle. Use fresh detergent.

The dispenser will automatically release detergent at the correct times during the cycle.

Always close the main cup tightly. When it is firmly latched you will hear a clicking sound. It is not necessary to overtighten.

Note: Main detergent cup may be opened manually with no harm. Turn handle counterclockwise until it releases. A snapping sound is normal when it opens.



Detergent Usage Guide (powder or liquid)

Cycles	Soft Water (0 to 3 grains)	Moderately Hard Water (4 to 8 grains)	Hard Water (9 to 12 grains)	Very Hard Water (over 12 grains)
Light Wash China Wash Water Miser	Main Cup 1 tablespoon	Main Cup Half Full	Main Cup Completely Full	Water Softener Recommended
Pots & Pans Normal Wash	Each Cup 1 tablespoon	Each Cup Half Full	Each Cup Completely Full	Water Softener Recommended
Rinse & Hold	No Detergent	No Detergent	No Detergent	Water Softener Recommended

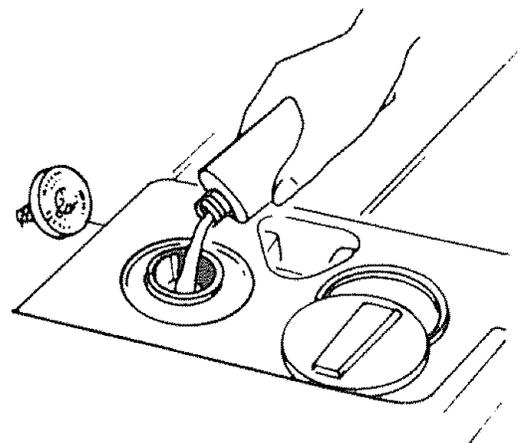
Rinse Agent Dispenser

Rinse agents come in either liquid or solid form. Your dishwasher's dispenser uses the liquid form.

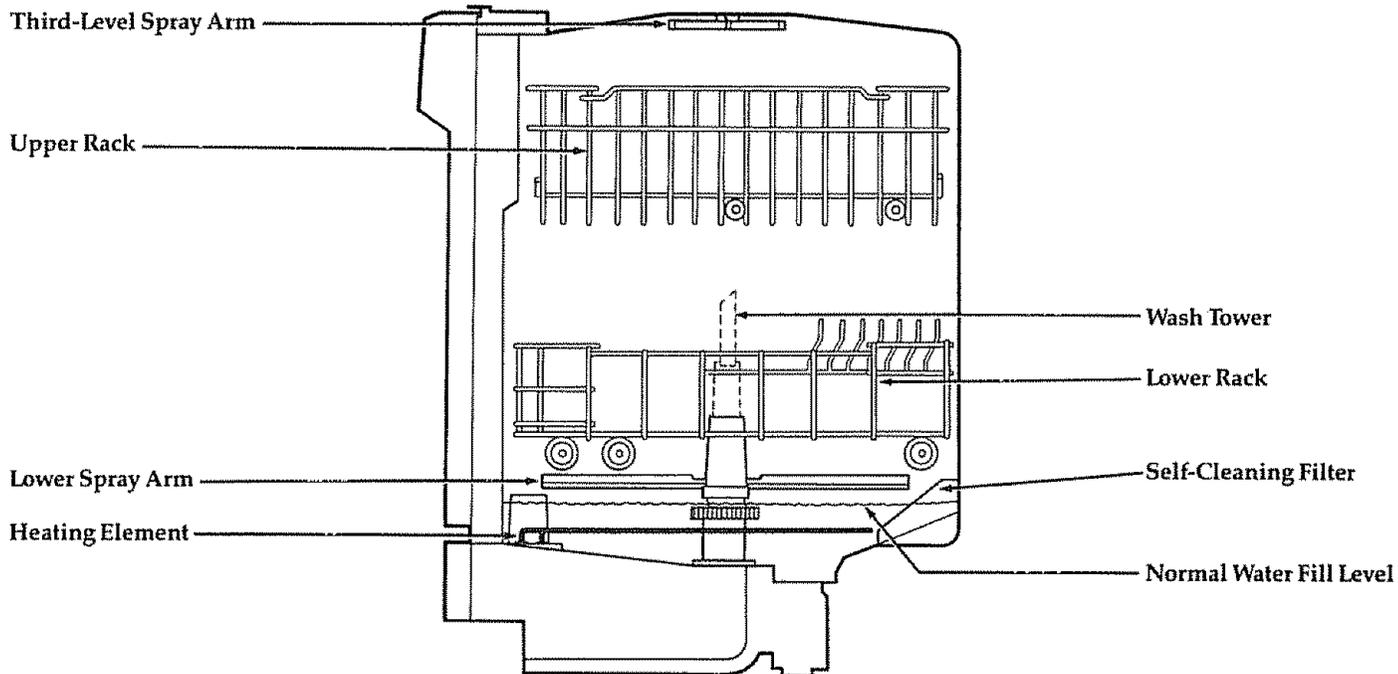
To fill the dispenser:

- Unscrew the cap.
- Add liquid rinse agent until it just reaches the bottom of the lip inside the dispenser opening.
- Replace the cap.

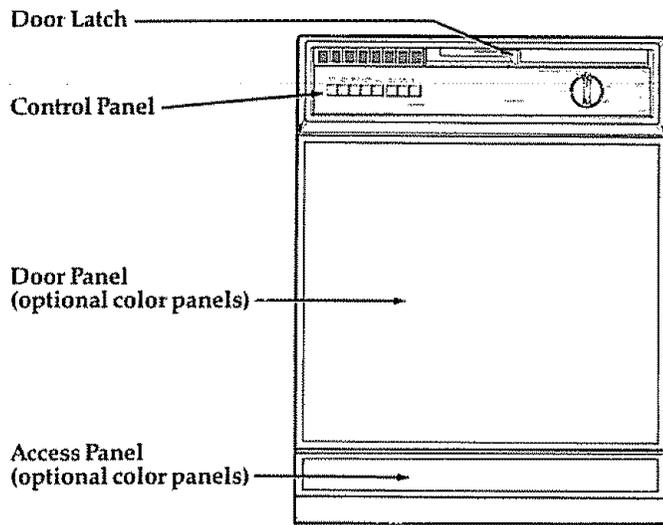
The dispenser holds 4½ ounces. This should last about 3 months. Fill as needed, but do not overfill.



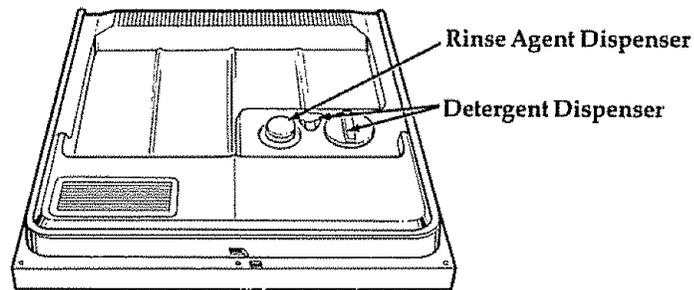
Important Parts of Your Dishwasher



Right Side View



Front View



Inner Door

Changing Color Panels

If you are redecorating, you can change your dishwasher's front panels to match or blend with your new colors.

The panels are held in place by the door trim and the trim on the panel below the door. Each side of each panel is a different color. Or you can paint the panels with the color of your own choice.

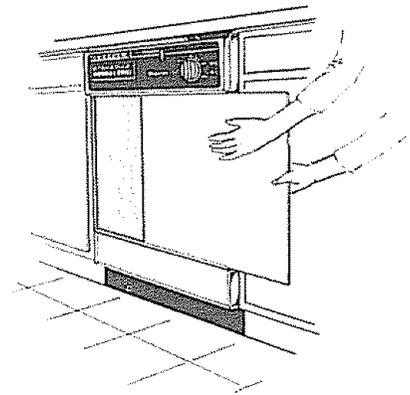
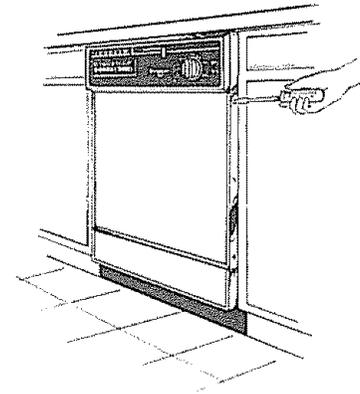
WARNING: To prevent electric shock, disconnect electrical power supply to dishwasher before changing panels.

How to change door panel:

1. Take out 3 trim screws on either side of dishwasher door. Remove side trim.
2. Slide out both insert panels.
3. Put the color you want in front. (Careful—edges may be sharp.)
4. Replace insert panels, side trim and screws.

How to change lower access panel:

1. Remove 4 panel attachment screws. (2 above panel, 2 below the panel.)
2. Remove entire panel.
3. Take out 3 screws and remove top trim.
4. Slide out both insert panels together.
5. Put the color you want in front.
6. Replace insert panels, top trim and screws.
7. Replace entire panel and 4 attachment screws.



Door and Access Panel Dimensions

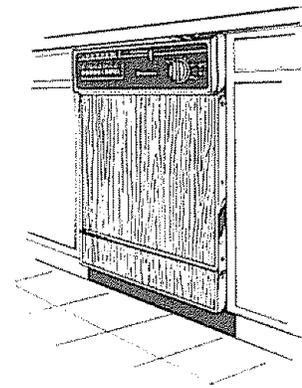
Color insert panels for both door and panel can be replaced by 1/4" thick wood inserts to match your kitchen cabinets. Get them from your nearest cabinet or lumber dealer.

Dimensions for 1/4" wood inserts:

Door Panel: 19¹/₈" high x 23⁹/₁₆" wide

Lower Panel 3¹¹/₁₆" high x 23⁹/₁₆" wide

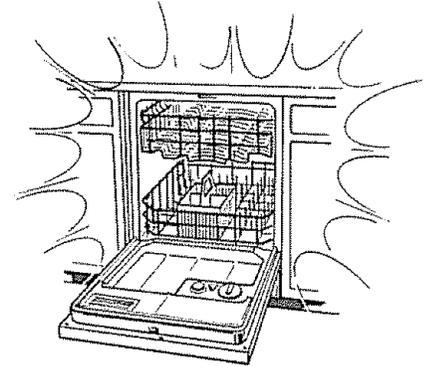
Note: Do not operate dishwasher while changing panels or when lower access panel is removed.



User Maintenance Instructions

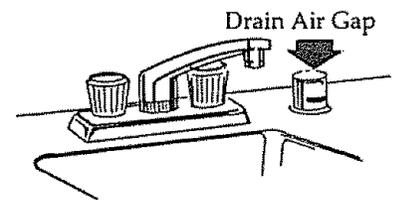
Care of Surfaces

- Clean control panel with lightly dampened cloth. Dry thoroughly. Do not use abrasives or sharp objects—they could damage it.
- Clean outside cabinet finish with a good appliance polish wax. Do not use scouring pads, harsh or gritty cleaners.
- Interior is self-cleaning with normal use. If it should ever need cleaning, use a mild cleansing powder. If hard water causes lime build-up, clean as follows:
 - Pour 2 cups white vinegar into empty dishwasher. Do not use detergent.
 - Operate machine on Normal Wash cycle.



Care of Air Gap

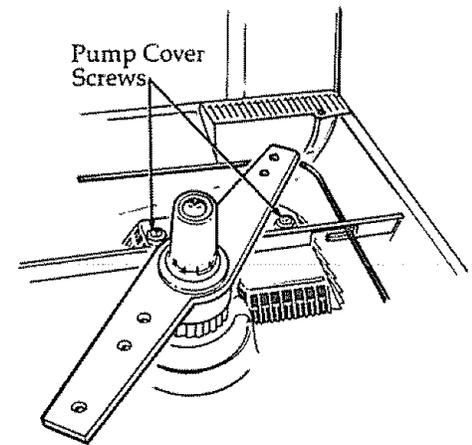
If an air gap was installed for your built-in dishwasher, check to make sure it is clean. Air gaps are usually mounted on the countertop and can be inspected by removing the cover. **The air gap is not part of your dishwasher and is not covered by Sears warranty.**



Protection against Freezing

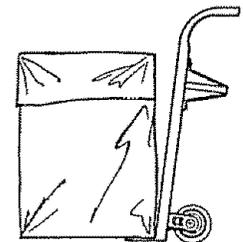
If dishwasher is left in an unheated place during the winter...

- Shut off water and electrical power.
- Remove access panel.
- Disconnect water lines from valve. Drain into a flat pan.
- Drain collection chamber at rear of unit below filter by disconnecting hose to pump.
- Remove plastic pump cover in tub bottom and use sponge to soak up any remaining water.
- Reconnect water lines to valve and hoses to pump.



Preparation for Moving

- Disconnect electrical power.
- Turn off water supply, disconnect water and drain lines.
- Tape racks in place; close door securely and tape it shut.
- Wrap with blankets, and if using a hand truck, lift dishwasher from side in upright position only.



Common Dishwashing Problems and Solutions

Problem	Caused by	Solution
Dishwasher will not start	Dishwasher not receiving electricity. Dial not in correct position for cycle selected.	Check house fuse or circuit breaker. Make sure dial is turned far enough and cycle button is fully pushed in.
Dishwasher will not fill with water	No water supply Water inlet valve clogged.	Make sure water supply valve under sink is turned on. Water valve supply line may be clogged with sediment. Clean out.
Unusual noise	Improper loading	Utensils may not be secure on rack pins, or something small may have dropped from the rack. Water is causing utensils to rattle. Make sure everything is securely placed in dishwasher.
Dishwasher leaks	Dishwasher not level Too much sudsing Spilled rinse agent	Level dishwasher as described in Installation Instructions. Do not place dishwasher on carpet. Improper detergent. Use automatic dishwasher detergent only or try a different brand or less detergent. If hand dishwashing detergent is used by mistake, pour one measuring cup of vegetable oil in bottom of tub and run dishwasher through a complete Normal Wash cycle with recommended amount of automatic dishwashing detergent. To remove suds from tub: Open dishwasher. Let suds evaporate. Add 1 gallon of cold water to tub. Close and latch dishwasher. Pump out water by slowly turning control dial until a drain period is reached. Repeat if necessary. Spilled rinse agent can cause foam during washing. This can lead to overflowing. Wipe up accidental spill of rinse agent with a damp cloth.
Detergent cup lid won't latch after adding detergent	Cycle Indicator dial not in OFF position	Cycle Indicator dial must be in OFF position for cup lid to close and latch properly. If you unlatch the door and open it to dry your dishes, the Cycle Indicator dial does not advance to OFF by itself.
Dishes not dry	Water is not hot Power Miser option selected Improper loading Rinse agent dispenser empty	Raise water heater thermostat to 140°F. if necessary. Do not select Power Miser drying option. Allow dishes to dry in heated air. Load dishes so items drain properly. Avoid overloading. Fill rinse agent dispenser if empty.

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Common Dishwashing Problems and Solutions (continued)

Problem	Caused by	Solution
Cycle takes too long	Water Heat option selected	Heating water takes approximately one minute for each degree of temperature rise. Times given in cycle description do not include water heating time.
Spotting and filming	Hard water Water is not hot Power Miser drying option selected Not enough or poor quality detergent Old detergent No rinse agent	<p>Fill detergent cups to capacity. Use dishwasher detergent with highest available phosphorous content. May be necessary to install a water softener.</p> <p>Raise water heater thermostat to 140°F., if necessary. Use Water Heat option.</p> <p>Drying without heat may cause some spotting. Do not select Power Miser option.</p> <p>Use more fresh automatic dishwasher detergent. Use detergent with highest available phosphorous content, especially if you have hard water.</p> <p>Use only fresh, automatic dishwasher detergent. Store tightly closed in a cool dry place. Discard old, lumpy or separated detergent. Do not fill detergent cups until ready to wash.</p> <p>Fill rinse agent dispenser.</p> <p>To remove stubborn spots and film from glassware:</p> <ol style="list-style-type: none"> 1. Remove all metal utensils from the dishwasher. 2. Do not add detergent. 3. Select POTS & PANS cycle. 4. Start the dishwasher and allow to run for 18 to 20 minutes. The dishwasher will now be in the main wash. 5. Then open the door and pour 2 cups (500ml) of white vinegar into bottom of dishwasher. 6. Close the door and allow to complete the cycle. <p>If vinegar rinse doesn't work: Repeat as above, except use 1/4 cup (60ml) of citric acid crystals instead of vinegar. (Most drugstores carry citric acid crystals).</p>
Etching—permanent filming which cannot be removed	Too much detergent in soft water Improper loading	<p>Reduce amount of dishwasher detergent. Use detergent with lower phosphorous content.</p> <p>Make sure dishes and glassware are loaded properly to permit water spray to rinse all surfaces. Do not overload.</p>
Water left in bottom of tub	Normal amount of water Drain air gap	<p>It is normal for a small amount of clean water to remain in bottom of tub after each cycle.</p> <p>Clean the drain air gap. See User Maintenance Instructions.</p>

Problem	Caused by	Solution
Dishes and interior of dishwasher brown or yellow	Iron or manganese in water	Install an iron or manganese filter in home water supply.
Film build-up on lower front of tub	Some detergent did not dissolve	Use fresh, automatic dishwasher detergent. Use detergent with highest available phosphorous content, especially if you have hard water. Raise water heater thermostat to 140°F. if necessary. Run water at sink until hot before starting dishwasher and/or use Water Heat option. Remove with dishwashing detergent and warm water.
Silverware stained	Undissolved detergent contacting wet silverware Acidic or salty food soils	Avoid spilling dry detergent on wet silverware. Clean with silver polish. Use Rinse & Hold cycle. Certain foods left on silverware for extended periods of time may cause pitting.
Bronze tarnish on silverplate	Silverplate worn off exposing base metal—takes on bronze hue	Remove tarnish with silver polish. Replace silver.
Black or gray marks on dish	Metal utensils rubbing against dishes during wash	Load metal utensils so they do not rub against dishes. Marks may be removed with mild abrasive cleanser and plastic scouring pad.
Dishware chipped or broken	Improper loading	Do not overload. Load glasses in upper rack only. See Proper Loading section for tips.
Dishwasher odor	Soiled dishes held too long in dishwasher Vinyl rack coating	Use Rinse & Hold cycle if dishes will not be washed at end of day. Plastic odor will be gone after several weeks use.

We Service What We Sell

"We Service What We Sell" is our assurance you can depend on Sears for service...and Sears service is nationwide. Your dishwasher has added value when you consider that Sears has service units nationwide, staffed with professional technicians specifically trained on Sears appliances and having parts, tools and equipment to insure that we meet our pledge to you..."We Service What We Sell."



Sears Maintenance Agreement

Maintain the value of your Kenmore dishwasher with a Sears Maintenance Agreement. Sears dishwashers are designed, manufactured, and tested for years of dependable operation. Yet, any modern appliance may require service from time to time.

The Sears Maintenance Agreement

- Is your way to buy tomorrow's service at today's price.
- Eliminates repair bills resulting from normal use.
- Allows for as many service calls as required.
- Provides for service by professional Sears-trained technicians.
- Offers an annual preventive maintenance check-up at your request.

This maintenance agreement does not cover original installation, reinstallation, or damage resulting from external causes such as acts of abuse, theft, fire, flood, wind, lightning, freezing, power failure, power reduction, etc.

Sears Dishwasher Warranty

Full One-Year Warranty on Dishwasher

For one year from the first day of use in your home, Sears will repair, free of charge, defects in material or workmanship which appear in this dishwasher.

Full Ten-Year Warranty Against Leaks in the Tub and Inner Door Panel

For ten years from the first day of use in your home, if a leak should occur as a result of failure of the tub or inner door panel due to cracking, chipping, or peeling, Sears will replace, free of charge, the tub or inner door panel.

If the dishwasher is subjected to other than private family use, the above warranty coverage is effective for only 90 days.

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., Dept. 698/731A Sears Tower, Chicago, IL 60684