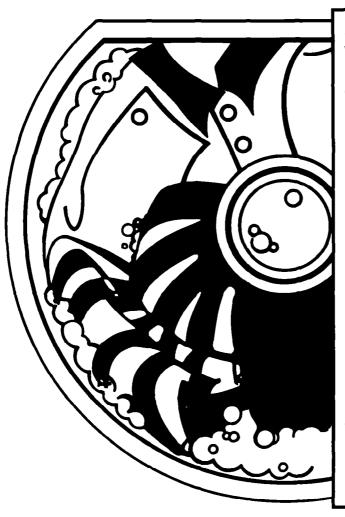
# Use And Care



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**COMPACT TWO SPEED AUTOMATIC WASHERS** 

8-96

# A Note to You

# Thank you for buying this appliance.

You have purchased a quality world-class appliance. To ensure that you enjoy years of trouble-free operation, we developed this Use and Care Guide. It contains valuable information about how to operate and maintain your washer properly and safely. Please read it carefully. Also, please complete and mail in the Ownership Registration Card provided with your appliance. The card helps us notify you about any new information on your appliance.

# Please record your model's information.

Whenever you call to request service on your appliance, you need to know your complete model number and serial number. You can find this information on the model and serial number plate (see diagram on page 4 for location of plate).

Please also record the purchase date of your appliance and your dealer's name, address, and telephone number.

Model Number	 
Serial Number	 
Purchase Date	
Dealer Name	
Dealer Address	 
Dealer Phone	

Keep this book and the sales slip together in a safe place for future reference.

Our Consumer Assistance Center number is toll-free from anywhere in the U.S.A.

1-800-253-1301

# **Washer Safety**

# Your safety is important to us.

This guide contains safety statements under warning symbols. Please pay special attention to these symbols and follow any instructions given. Here is a brief explanation of the symbol.



This symbol alerts you to hazards such as fire, electrical shock, or other injuries.

### IMPORTANT SAFETY INSTRUCTIONS

WARNING – To reduce the risk of fire, electric shock, or injury to persons when using the washer, follow basic precautions, including the following:

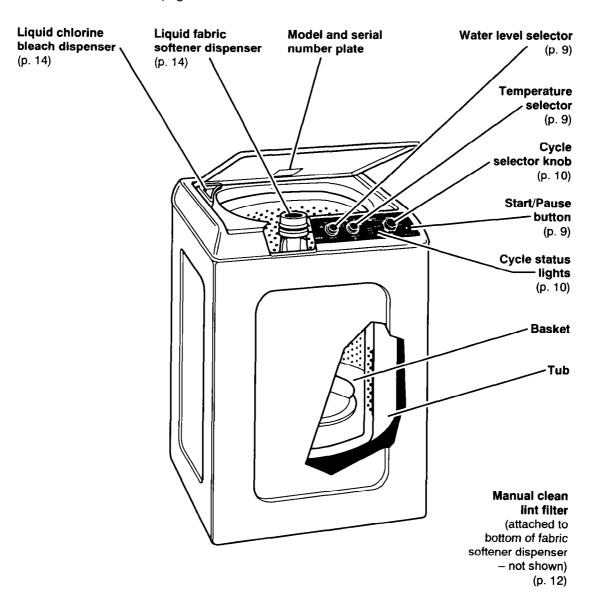
- •Read all instructions before using the washer.
- Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable, or explosive substances as they give off vapors that could ignite or explode.
- Do not add gasoline, dry-cleaning solvents, or other flammable, or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more.
  HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, before using the washing machine, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas.

- As the gas is flammable, do not smoke or use an open flame during this time.
- Do not allow children to play on or in the washer. Close supervision of children is necessary when the washer is used near children.
- Before the washer is removed from service or discarded, remove the door.
- Do not reach into the washer if the tub or agitator is moving.
- Do not install or store the washer where it will be exposed to the weather.
- Do not tamper with controls.
- Do not repair or replace any part of the washer or attempt any servicing unless specifically recommended in this Use and Care Guide or in published user-repair instructions that you understand and have the skills to carry out.
- See Installation Instructions for grounding requirements.

# - SAVE THESE INSTRUCTIONS -

# **Parts and Features**

The parts and features of your washer are illustrated on this page. Become familiar with all parts and features before using your washer. Page references are included next to some features. Refer to those pages for more information about the features.



# To order Stand Kits:

- Washer Stand Kit for permanent installation, secured to the wall:
  - #49971, White
  - #49978, Almond

**NOTE:** The wall must be strong enough to support the washer's weight. (Do not use in mobile homes.)

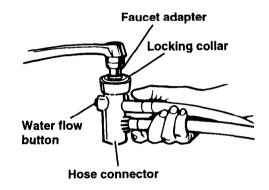
# **Washer Installation**

Use this section to help you install your compact washer. If you need assistance, call our Consumer Assistance Center, 1-800-253-1301, from anywhere in the U.S.A.

# Portable one-faucet connection

NOTE: Make sure the lid is closed before moving the washer.

- Use the hose connector provided with the washer for a one-faucet connection.
- Set the Temperature Selector to Warm/Warm or to Warm/Cold.
- Attach the hose connector to the faucet adapter by pulling down on the locking collar while lifting up on the connector until it snaps into place.
- Slowly turn the water faucet on all the way.





**Electrical Shock Hazard** 

Plug into a grounded 3 prong outlet.
Do not remove ground prong.
Do not use an adapter.
Do not use an extension cord.
Failure to follow these instructions can result in death, fire, or electrical shock.

 Pull the electrical power cord from the storage area in the back of the washer.
 Plug the power cord into a 3-prong grounded outlet.

### Water temperature adjustment:

Adjust water temperature as follows:

• Wash Water: Adjust faucets for wash water temperature prior to the fill for wash.

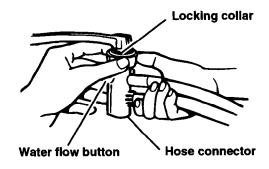
# **WASHER INSTALLATION**

 Rinse Water: Adjust faucets for temperature prior to fill for rinse.

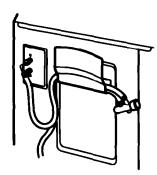
**NOTE:** Always use cold rinse water for permanent press fabrics.

### To disconnect washer:

- Unplug the electrical power cord and put it back in its storage area.
- Turn the water faucet off.
- Press the red water flow button to release the water pressure.
- Move the locking collar down and pull the hose connector down to disengage from the faucet adapter.
- Drain water from the hoses through the hose connector.



• Hang the hoses on the storage rack.



# Portable two-faucet connections

**IMPORTANT:** Service Kit #3430190 must be purchased when using portable model on two-faucet connection.

NOTE: Make sure the lid is closed before moving the washer.

If you have two separate water connections, your washer can be connected to both the hot and cold water faucets. For more information about a service kit, contact your authorized dealer.

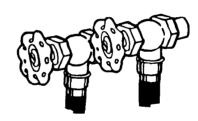
# WASHER INSTALLATION

### To connect the washer:

- Connect the hot and cold water inlet hoses to the hot and cold faucets.
- Secure the drain hose to the sink or standpipe.
- Slowly turn the water faucets on all the way.
- Plug the power cord into a 3-prong grounded outlet.

# To disconnect the washer:

- Unplug power cord and return it to the storage area.
- Turn water faucets off.
- Disconnect the drain and water supply hoses. Hang them on the storage rack.



# **Operating Your Washer**

To obtain the best washing results, you must operate your washer properly. This section gives you this important information. Page references are included for more information.



## **Explosion Hazard**

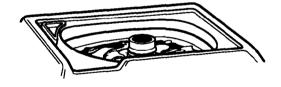
Never place items in the washer that are dampened with gasoline or other flammable fluids.

Do not wash or dry items soiled with vegetable or cooking oils because they may contain some oil after laundering.

Doing so can result in death, explosion, or fire.

# Starting your washer

- 1. Add measured detergent to the washer. Then place a sorted load of clothes in the washer.
  - Load a few items in the washer, or fill laundry to the top row of basket holes.
  - Sort and load clothes as described on pages 16-17.
  - If desired, you may also add color safe bleach to the wash load.
- 2. (OPTIONAL STEP) If desired, add measured liquid chlorine bleach to the liquid bleach dispenser (see page 14).
  - Use only liquid chlorine bleach in the bleach dispenser.
- 3. (OPTIONAL STEP) If desired, add measured liquid fabric softener to the fabric softener dispenser (see page 14).
- 4. Close the washer lid.



# **OPERATING YOUR WASHER**

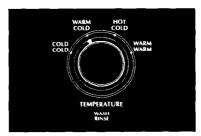
- 5. Turn the Water Level selector to the setting that corresponds with the size of your wash load.
  - To change the Water Level setting after the washer has started to fill, turn the selector to the desired new setting.
- 6. Select a wash-rinse temperature with the Temperature selector. Match the water temperature with the type of fabric and soils being washed.
  - See page 18 for water temperature guidelines.
  - Set the Temperature Selector to Warm/Warm or to Warm/Cold.

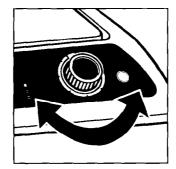
### Water temperature adjustment:

Adjust water temperature as follows:

- Wash water: Adjust faucets for wash temperature prior to the fill for wash.
- Rinse water: Adjust faucets for rinse temperature prior to the fill for rinse.
- Turn Cycle Selector Knob to the desired setting. See page 10.







- 8. Push the Start/Pause button to start washer.
  - The Cycle Selector Knob will NOT rotate as the cycle progresses.
  - The Cycle Status lights indicate the operation being performed within the cycle.
  - When the cycle is complete, all Cycle Status lights will be Off.

**NOTE:** Once a cycle has been started, the Cycle Selector Knob **MUST** be turned to Off before a new cycle can be selected.





# Stopping/restarting your washer

- To pause the washer at any time, push the Start/Pause button. The Cycle Status Lights will flash while the washer cycle is paused. If left in pause, the cycle will terminate after 2 hours.
- To **restart** the washer, close the lid (if open) and push the Start/Pause button.
- To **cancel** cycle, turn Cycle Selector Knob to Off. Cycle Status Lights will turn off.

**NOTE:** When lid is opened during a cycle, all machine operation will stop. Cycle will resume when lid is closed.

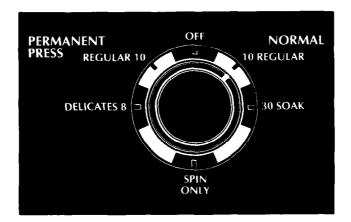
# Selecting a cycle and time

This section illustrates and describes the wash cycles you can select with the Cycle Selector Knob. Use this information to help you make the best cycle selections for your wash loads. Each cycle is designed for different types of fabrics and soil levels.

 Refer to page 13 to help you understand what happens during a wash cycle.

### NOTES:

- At the beginning of all spin cycles, the washer will cycle on and off. This is normal.
- During agitation, the washer basket will move. This is normal.



# Normal Regular cycle

The Normal Regular cycle features high agitation and longer spin speeds to shorten drying time. Use this 10-minute cycle for cleaning sturdily-constructed cotton and linen fabrics.

# Permanent Press Regular Cycle

The Permanent Press Regular cycle features high agitation, a cool-down rinse and low spin speeds to reduce wrinkling. Use this 10-minute cycle to clean permanent press and some synthetic fabrics that are moderately soiled.

# Permanent Press Delicates Cycle

The Permanent Press Delicates cycle features a reduced agitation speed for gentle soil removal, and low spin speeds to reduce wrinkling. Use this 8-minute cycle to clean delicate items and washable knits that are lightly to moderately soiled.

# Soak Cycle

The Soak cycle features brief periods of agitation and soak time. Use this 30-minute cycle to remove heavy soils and stains that need pretreatment.

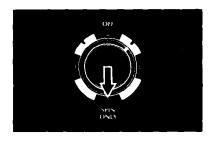
**NOTE:** During the agitation and soak time, the wash Cycle Status Light will be on.

- Use warm water when soaking laundry.
   (Hot water can set stains.) See pages
   20-22 for stain removal information.
- Use the amount of detergent or presoak additive recommended by manufacturer.
- The Soak cycle should always be followed by a wash cycle.
- When soaking with color safe bleach, you may extend the Soak cycle for up to 2 hours by lifting the lid.
- When using liquid chlorine bleach, never extend the Soak cycle. Prolonged soaking with liquid chlorine bleach may damage clothes.
- When soaking with detergent alone, soak for at least 5 minutes.
- Always follow Soak cycle with a regular wash cycle.

# **Using Spin Only**

The Spin Only cycle helps shorten drying times for some heavy fabrics or special-care items by removing excess water.

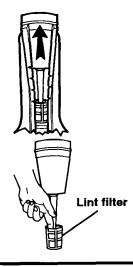
- 1. Turn the Cycle Selector Knob to Spin Only, as illustrated.
- 2. Push the Start/Pause button. The washer drains for 4-5 minutes and then proceeds to spin.



# Manual clean lint filter

Clean filter after every load.

- To remove, grasp the top of the fabric softener dispenser with both hands. Pull upward to remove top of fabric softener dispenser. Lint filter is attached to the end of the shaft.
- 2. Wash or wipe the lint filter clean.
- **3.** Push lint filter and fabric softener dispenser firmly back into agitator.



# **Understanding normal washer sounds**

Your new washer may make sounds that your old one didn't. Because the sounds are unfamiliar, you may be concerned about them.

The following describes some of the normal sounds you may hear and what causes them.

# **During Drain**

The rate that water is drained from your washer depends on your installation. If water is drained quickly from the washer, you may hear air being pulled through the pump. This happens during the end of draining.

### After Wash and Before Drain

When the cycle changes from washing to draining, you may hear a noise as the gearcase shifts.

# **During Spin**

The washer will cycle on and off.

# Understanding what happens in each cycle

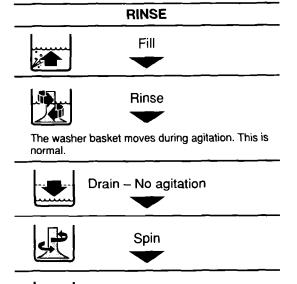
When the Cycle Selector Knob is set to a number and the Start/Pause button is pushed, the washer fills (to the selected load size) before agitation and timing start. The washer begins agitating immediately after filling; agitation occurs only with the washer lid down.

### NOTES:

- Cycle Selector Knob will NOT rotate as the cycle progresses.
- The Cycle Status Lights will change as the cycle progresses.

# Wash selected time The washer basket moves during agitation. This is normal. Drain\* – No agitation The Permanent Press cycle partially drains, fills, agitates briefly, and drains.

Spin



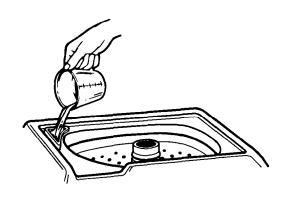
Off

# Using the liquid chlorine bleach dispenser

Always measure liquid chlorine bleach. Do not guess. **Never use more than 1 cup** (250 mL) for a full load. Use less with lower load size settings. Follow manufacturer's directions for safe use. Use a cup with a pouring spout to avoid spilling.

- 1. Load the washer.
- Pour measured chlorine bleach carefully into the dispenser. Do not let bleach splash, drip, or run down into washer basket. Undiluted bleach will damage any fabric it touches.
- Start the washer. Bleach is distributed during wash part of cycle.

**NOTE:** Do not use this dispenser to add powdered chlorine or color safe bleach to your wash load. The dispenser is for liquid chlorine bleach use only.



# Using the liquid fabric softener dispenser

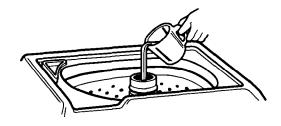
- Add detergent and load clothes into the basket.
- Pour liquid fabric softener into the dispenser using the amount recommended on the package. Avoid dripping or spilling any fabric softener on the load.
- Dilute fabric softener with warm water. Fill dispenser with warm water until liquid reaches the opening.
- Start the washer. Diluted fabric softener is distributed during the rinse cycle.

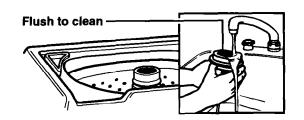
**NOTE:** Do not stop the washer before the rinse part of the cycle begins. Staining can occur.

Flush dispenser periodically with warm water.

- To remove the dispenser, grasp the top of the dispenser with both hands. Squeeze and push upward with thumbs to remove.
- Clean dispenser by holding under water faucet. Replace after cleaning.

**NOTE:** Do not add detergent or bleach to dispenser. The dispenser is for liquid fabric softener use only.





# **Caring for Your Washer**

Proper care of your washer can extend its life. This section explains how to care for your washer properly and safely.

# Cleaning your washer

## **Exterior**

Wipe up detergent, bleach, and other spills



with a soft, damp cloth or sponge as they occur. Occasionally wipe the outside of the washer to keep it looking like new.

Do not put sharp or metal objects in your



washer. They can damage the finish. Check all pockets for pins, clips, money, bolts, nuts, etc. Do not lay these objects on your washer after emptying pockets.

### Interior

Clean interior with 1 cup (250 mL) of chlorine bleach mixed with 2 cups (500 mL) of detergent. Run washer through a complete cycle using hot water. Repeat process if necessary.

**NOTE:** Remove hard water deposits using only cleaners labeled as washer safe.

# Winter storage or moving care

Install and store your washer where it will not freeze. Because some water may stay in the hoses, freezing can damage your washer. If storing or moving your washer during freezing weather, winterize it.

### To winterize washer:

- 1. Shut off both water faucets.
- 2. Disconnect and drain water inlet hoses.
- Put 1 quart (1L) of R.V.-type antifreeze in the basket.
- Run washer on a spin only setting (see page 11) for about 30 seconds to mix the antifreeze and water.
- 5. Unplug the power supply cord.

# To use washer again:

- 1. Flush water pipes and hoses.
- 2. Reconnect water inlet hoses.
- 3. Turn on both water faucets.
- 4. Reconnect power supply cord.
- Run the washer through a complete cycle with 1 cup (250 mL) of detergent to clean out antifreeze.

# Non-use or vacation care

Operate your washer only when you are at home. If you will be on vacation or not using your washer for an extended period of time, you should:

- Unplug the power supply cord or turn off electrical power to the washer.
- Turn off the water supply to the washer.
   This helps avoid accidental flooding (due to a water pressure surge) while you are away.

# **Laundry Tips**

This section reviews proper laundering techniques and gives you additional washing information.

# **Preparing clothes for washing**

Close zippers, snaps, and hooks to avoid



snagging other items. Remove pins, buckles, and other hard objects to avoid scratching the washer interior. Remove nonwashable trim and ornaments.

- Empty pockets and turn them inside out.
- Turn down cuffs, brush away lint and dirt.
- Turn synthetic knits inside out to avoid pilling.
- For unstable dyes, India ink, denims, noncolorfast garments, turn items inside out.

- Tie strings and sashes so they will not tangle.
- Mend tears, loose hems, and seams.
- Treat spots and stains. (See "Removing" Stains" on pages 20-22.)
- Stained or wet garments should be washed promptly for best results.

# Sorting

Separate heavily soiled items from lightly



soiled ones, even if they would normally be washed together. Separate lint givers (towels, chenille) from lint takers (cordurov, synthetics, permanent press). When possible, turn lint givers

- Separate dark colors from light colors, colorfast items from noncolorfast items.
- Sort by fabric and construction (sturdy) cottons, knits, delicate items).

# Loading

inside out.

• Drop items into washer loosely. Fill to the



top of the basket (top row of holes). Do not wrap items around the agitator. Items should move easily through wash water for best cleaning

and wrinkle-free results. Items should sink and reappear later.

- Load washer properly and select correct load size setting. Overloading or packing the machine, and selecting a setting too small for the wash load can:
  - cause poor cleaning.
  - increase wrinkling.
  - create excessive lint.
  - wear out items faster (because of pilling).

- Load by the amount of space items take up, not by their weight.
- Mix large and small items in each load.



Load evenly to maintain washer balance. An offbalance load can make the washer vibrate during spin.

- Use a large load size setting to reduce wrinkling with permanent press clothes and some synthetic knits. These items should have more room to move in the water than heavy items (towels, jeans).
- Reduce wash time when using a small load size setting. Loads with only a few small items need less wash time.

# **Loading suggestions**

For these suggested full-sized loads, set the Water Level selector to the highest load size setting.

COMPACT WASHERS			
Heavy Work Clothes 3 work shirts 2 pair pants	Knits 2 slacks 2 shirts - or - 3 dresses	Mixed Load 1 pair slacks 2 pillowcases 2 shirts 1 T-shirt	Permanent Press 6 shirts - or - 2 double sheets 2 pillowcases
Towels 9 bath towels - or - 6 bath towels 3 hand towels 6 wash cloths	Delicates 1 camisole 2 slips 2 panties 2 bras 1 nightie 1 half slip		- or - 2 single sheets 2 pillowcases

For better cleaning and fabric care of delicate items and heavily soiled clothes, use smaller load size settings.

# Saving energy

- Use warm or cold wash water for most loads. Use hot water only when washing heavy, greasy soils or whites.
- · Use cold rinses.
- · Wash full loads.
- Use lower load sizes when washing small loads.
- Avoid rewashing. Use enough detergent and pretreat stains or heavy soils. Use the cycles and wash times recommended for the fabric and soil.
- Use your washer during off-peak hours usually early morning and late evening. (Ask your power company.)

# Water guidelines

# Selecting water temperatures

WASH WATER TEMPERATURE*	SUGGESTED FABRICS	COMMENTS
HOT 130°F (54°C) or above	<ul><li>Work clothes</li><li>Sturdy whites/colorfast pastels</li><li>Diapers</li></ul>	<ul> <li>Best cleaning for heavily soiled items</li> <li>Removes oils, perspiration, greasy soils, and stains</li> <li>Prevents graying or yellowing</li> </ul>
<b>WARM**</b> 90°-110°F (32°-44°C)	<ul> <li>Dark/noncolorfast colors</li> <li>Permanent press items</li> <li>Nylon, polyester, acrylics, silks, woolens</li> <li>Knits/delicate fabrics</li> </ul>	<ul> <li>Best for moderately soiled to lightly soiled items</li> <li>Safe for most fabric finishes</li> <li>Less fading and dye bleeding</li> <li>Reduces wrinkling</li> </ul>
COLD 70°-90°F (21°-32°C)	<ul><li>Extra-sensitive colors</li><li>Noncolorfast items</li><li>Hand washables</li></ul>	<ul><li>Best for very lightly soiled items</li><li>Saves hot water</li><li>Best rinse water temperature</li></ul>

- \* Your washer features cold rinses for all wash temperatures. In addition, on some models, warm rinses are available with warm washes. Warm rinse water provides better water extraction than cold rinse water, but may increase wrinkling when line drying. In cold climates, warm rinse water also provides a more comfortable temperature for handling the wash load.
- \*\* In colder climates, incoming water is much colder. In this case, better results occur when using a warm temperature setting.

# Checking hot water temperature

Your hot water should be 130°F (54°C) or above. If you do not know your hot water temperature, you can check it easily. You may need to raise the temperature of your water heater. To check your hot water:

- Fill a pan with the hottest water available from the faucet that fills your washer.
   NOTE: If you do not have a faucet at your washer site, collect the water from the faucet closest to your washer.
- 2. Place a candy thermometer or cooking thermometer in the water to check the temperature.

**NOTE:** In wash water temperatures colder than 70°F (21°C), detergents do not dissolve well. Also, soils may be difficult to remove, and some fabrics may retain wear wrinkles and may have increased pilling.

### Water hardness

Many poor washing results can be traced to the hardness of the wash water. To check your water hardness:

- City water ask the city water company.
- Well water ask the local water authority.

Ask for the mineral content in grains/gallon or parts/million. If your water is more than 8 grains/gallon or more than 137 parts/million, you should consider:

- Installing a water softener.
- Using more detergent.
- Using a packaged water conditioner.
- Not using soap.

# **Washing special-care items**

Most garments and household textiles have care labels with laundering instructions. Always follow care label directions when they are available. Below are general washing instructions for some special washables.

ITEM	CARE INSTRUCTIONS
Blankets (electric or woolen)	Pretreat spots and stains. Select water temperature, cycle, and time according to the type of blanket being washed. Two rinses may be necessary. Check care label to see if manufacturer recommends machine washing.
Curtains, drapes, slipcovers	Wash small loads. Crowding may cause wrinkling. Replace slipcovers while still slightly damp. They will dry to fit tightly.
	<b>NOTE:</b> Sun-damaged curtains and draperies will tear whether hand or machine washed.
Diapers	When using chlorine bleach for soaking, add extra detergent to the load. Avoid overuse of fabric softeners – absorbency will be reduced.
Elastic, spandex	Elastic picks up oil from the body. Oil can damage elastic. Wash often to reduce the damage. Use warm water and sufficient detergent to remove oils. Do not use chlorine bleach.
Flame-retardant clothing	Items will be clearly labeled as flame-retardant. Follow manufacturer's instructions to retain flame-retardant qualities.
Knits	Knits are comfortable to wear because they stretch. However, this means that knits are more likely to be stretched and damaged when washed (especially bulky knits). Knits made of synthetic fabrics such as polyester, nylon, and acrylic tend to keep their original shape more than knits made of cotton or ramie.
Pillows, stuffed toys	Washing feather pillows is not recommended unless they will be dried in a dryer.
Plastic, rubber items	Treat as delicate items. Wash in warm water. Wash small items in a mesh bag.
Quilts, bedspreads	Do not wash cotton-filled comforters unless they are quilted or stitched. Tucked cotton batting tends to slip and become lumpy. An extra rinse may be necessary.
Scatter rugs	Shake or vacuum rugs to remove loose dirt. Wash more than one rug at a time. If washing only one rug, add bath towels to balance the load.
Snowsuits, jackets	Wash only one or two items at a time. You may need to stop the washer occasionally to press air from the items being washed. An extra rinse may be necessary.

# **Removing Stains**

Stained, heavily-soiled, or greasy items may need to be prewashed or soaked for best results. Soaking helps remove protein-type stains like blood, milk, or grass. Prewashing helps loosen soil before washing.

# Stain removal rules

- Use warm water for soaking or prewashing stained laundry. Hot water can set stains.
- Most stains are easier to remove when they are fresh. Old or set stains may not come out. Follow package directions for pretreatment products.
- Before treating any stain, find out what kind of stain it is, how old the stain is, what kind of fabric it is, and if the fabric is colorfast. (Check the care label.)
- Washing and drying can set some stains.
- Start with cold or warm water. Hot water can set some stains.

- When bleach is recommended, use a bleach that is safe for the fabric.
- Test stain removers on an inside seam or hidden corner of the item to see if the color is removed.
- Put the stained area face down on a paper towel or white cloth. Apply the stain remover to the back of the stain. This forces the stain off the fabric instead of through it.
- Meat tenderizer or enzyme presoaks help break down some protein stains so they are easier to remove.

# Stain removal guide

STAIN	TO REMOVE
Alcoholic beverage	These stains turn brown with age, so treat immediately. Sponge or soak fresh stains with cold water. Wash. If stain remains, soak 15 minutes in a solution of lukewarm water, liquid detergent, and a few drops of white vinegar. Rinse. Wash.
Blood	Rinse immediately or soak in cold water with enzyme presoak for 30 minutes or longer. Rinse. Rub detergent into any remaining stains. Rinse. If stain remains, put a few drops of 3% hydrogen peroxide on stain for 3-5 minutes. Rinse thoroughly. Wash.
Chewing gum	Use ice to make gum hard. Scrape off what you can. Sponge with a nonflammable fabric cleaner. Let dry. Wash.
Chocolate or coffee	Sponge immediately with a nonflammable fabric cleaner or apply a prewash soil and stain remover. Rinse. Wash. If stain remains, apply a liquid detergent to stain or soak in warm water with an enzyme presoak. Rewash.
Crayon and candle wax	Scrape off excess with a dull knife. Place fabric between two blotters or facial tissue. Press with warm iron. Remove color stain with nonflammable fabric cleaner. Hand wash until stain is gone. If full load is crayon stained, take to cleaners or coin-operated dry cleaning machine.
Cream, milk, or ice cream	Sponge with a nonflammable fabric cleaner, or a prewash soil and stain remover. Rinse. Wash. Repeat if necessary. If stain remains, apply a few drops of liquid detergent and a few drops of ammonia. Blot dry and rinse. If stain remains, soak in an enzyme presoak. Wash.

STAIN	TO REMOVE
Deodorants and anti-	<b>Light stain:</b> Treat with liquid detergent or your regular laundry detergent. Wash in hottest water safe for fabric.
perspirants	<b>Heavy stain:</b> Place face down on towel and treat with a paste of ammonia and color safe bleach. Let stand for 30 minutes. Wash in hottest water safe for fabric.



# AWARNING

### Fire Hazard

Do not wash or dry items soiled with vegetable or cooking oils because they may contain some oil after laundering.

Doing so can result in death or fire.

Items soiled with vegetable or cooking oil should not be washed or dried. For other types of greasy stains, use one of the methods below:    Use pretreatment stain remover. Follow label directions. Wash in hottest water safe for fabric.   Use talcum powder to absorb as much grease as possible. Sponge with a nonflammable fabric cleaner. Rinse. Wash.   Treat with liquid detergent or rub a detergent paste on the stain. Wash using hottest water safe for fabric.    Fruit stains   Fresh stains: Soak immediately in cool water. Wash. If stain remains, cover area with a paste made of color safe bleach, a few drops of hot water, and a few drops of ammonia. Wait 15 to 30 minutes. Wash.   Old stains: Sponge with white vinegar. Rinse. Repeat procedure for fresh stains.    Grass or green vegetables   Grass or green		
cover area with a paste made of color safe bleach, a few drops of hot water, and a few drops of ammonia. Wait 15 to 30 minutes. Wash.  Old stains: Sponge with white vinegar. Rinse. Repeat procedure for fresh stains.  Grass or green vegetables  Soak in warm or cold water with an enzyme presoak for at least 30 minutes, or sponge with denatured alcohol. Wash in water temperature and bleach safe for the fabric. For colored fabrics, check colorfastness before applying alcohol. For acetate, sponge with a nonflammable fabric cleaner. If stain remains, bleach with 3% hydrogen peroxide. Rinse. Rewash.  Ink or ballpoint pen ink  Spray stain with an aerosol hair spray or rubbing alcohol. Sponge stain continuously until all bleeding stops. Let dry. Repeat if necessary. Wash. If stain remains, bleach if safe for fabric. (India and other indelible inks are almost impossible to remove completely.)  Iron or rust  Colored or noncolorfast items: Apply lemon juice and salt. Place in the sun to dry. Rinse thoroughly. Repeat if necessary.  White or colorfast items: Try a rust remover. Test first on inside seam or hem. Some rust removers are not washer safe. Follow package directions.  Ketchup or tomato products  Sponge immediately with a nonflammable fabric cleaner or apply a prewash soil and stain remover. Rinse. Wash. If stain remains, apply a liquid detergent to stain or soak in warm water with an enzyme presoak.		<ul> <li>For other types of greasy stains, use one of the methods below:</li> <li>Use pretreatment stain remover. Follow label directions. Wash in hottest water safe for fabric.</li> <li>Use talcum powder to absorb as much grease as possible. Sponge with a nonflammable fabric cleaner. Rinse. Wash.</li> <li>Treat with liquid detergent or rub a detergent paste on the stain. Wash</li> </ul>
green vegetables  minutes, or sponge with denatured alcohol. Wash in water temperature and bleach safe for the fabric. For colored fabrics, check colorfastness before applying alcohol. For acetate, sponge with a nonflammable fabric cleaner. If stain remains, bleach with 3% hydrogen peroxide. Rinse. Rewash.  Ink or ballpoint continuously until all bleeding stops. Let dry. Repeat if necessary. Wash. If stain remains, bleach if safe for fabric. (India and other indelible inks are almost impossible to remove completely.)  Iron or rust  Colored or noncolorfast items: Apply lemon juice and salt. Place in the sun to dry. Rinse thoroughly. Repeat if necessary.  White or colorfast items: Try a rust remover. Test first on inside seam or hem. Some rust removers are not washer safe. Follow package directions.  Ketchup or tomato products  Sponge immediately with a nonflammable fabric cleaner or apply a prewash soil and stain remover. Rinse. Wash. If stain remains, apply a liquid detergent to stain or soak in warm water with an enzyme presoak.	Fruit stains	cover area with a paste made of color safe bleach, a few drops of hot water, and a few drops of ammonia. Wait 15 to 30 minutes. Wash.  Old stains: Sponge with white vinegar. Rinse. Repeat procedure for fresh
ballpoint continuously until all bleeding stops. Let dry. Repeat if necessary. Wash. If stain remains, bleach if safe for fabric. (India and other indelible inks are almost impossible to remove completely.)  Iron or rust  Colored or noncolorfast items: Apply lemon juice and salt. Place in the sun to dry. Rinse thoroughly. Repeat if necessary.  White or colorfast items: Try a rust remover. Test first on inside seam or hem. Some rust removers are not washer safe. Follow package directions.  Ketchup or tomato products  Sponge immediately with a nonflammable fabric cleaner or apply a prewash soil and stain remover. Rinse. Wash. If stain remains, apply a liquid detergent to stain or soak in warm water with an enzyme presoak.	green veg-	minutes, or sponge with denatured alcohol. Wash in water temperature and bleach safe for the fabric. For colored fabrics, check colorfastness before applying alcohol. For acetate, sponge with a nonflammable fabric cleaner.
sun to dry. Rinse thoroughly. Repeat if necessary.  White or colorfast items: Try a rust remover. Test first on inside seam or hem. Some rust removers are not washer safe. Follow package directions.  Ketchup or tomato products  Sponge immediately with a nonflammable fabric cleaner or apply a prewash soil and stain remover. Rinse. Wash. If stain remains, apply a liquid detergent to stain or soak in warm water with an enzyme presoak.	ballpoint	continuously until all bleeding stops. Let dry. Repeat if necessary. Wash. If stain remains, bleach if safe for fabric. (India and other indelible inks are
tomato prewash soil and stain remover. Rinse. Wash. If stain remains, apply a liquid detergent to stain or soak in warm water with an enzyme presoak.	Iron or rust	sun to dry. Rinse thoroughly. Repeat if necessary.  White or colorfast items: Try a rust remover. Test first on inside seam or
	tomato	prewash soil and stain remover. Rinse. Wash. If stain remains, apply a liquid detergent to stain or soak in warm water with an enzyme presoak.

# REMOVING STAINS

Lipstick  Apply nonflammable fabric cleaner or prewash soil and stain remover. Blot with absorbent material. Repeat if necessary. Rinse. If stain still remains, rub with liquid detergent. Wash.  Scrape off excess with a dull knife. Soak in cold or warm water with enzyme presoak at least 30 minutes, or treat stains with a nonflammable fabric cleaner. Wash.  Wash in hottest water safe for fabric. If stain remains, soak in warm water and color safe bleach for 15 to 30 minutes. Rewash. (Old mildew stains are almost impossible to remove. Mildew fungus destroys or weakens fabrics.) An alternative to bleach is to treat with salt and lemon juice and dry in direct sunlight. Rinse and rewash. Mildew may form if wet or damp laundry remains in your washer for extended periods of time. To prevent mildew, promptly dry laundry after washing.  Mustard  Treat immediately. Scrape off excess mustard. Sponge with a nonflammable fabric cleaner or a prewash soil and stain remover. Rinse. Work liquid detergent and a few drops of vinegar into stain. Rinse. If stain remains, apply 3% hydrogen peroxide. Rinse and wash.  Paint  Hand wash paint-stained items.  Water base: Treat stains while still wet. (These paints cannot be removed after they have dried.) Rinse in warm water to flush out paint. Sponge with a nonflammable fabric cleaner. Rinse wash	STAIN	TO REMOVE
enzyme presoak at least 30 minutes, or treat stains with a nonflammable fabric cleaner. Wash.  Wash in hottest water safe for fabric. If stain remains, soak in warm water and color safe bleach for 15 to 30 minutes. Rewash. (Old mildew stains are almost impossible to remove. Mildew fungus destroys or weakens fabrics.) An alternative to bleach is to treat with salt and lemon juice and dry in direct sunlight. Rinse and rewash. Mildew may form if wet or damp laundry remains in your washer for extended periods of time. To prevent mildew, promptly dry laundry after washing.  Mustard  Treat immediately. Scrape off excess mustard. Sponge with a nonflammable fabric cleaner or a prewash soil and stain remover. Rinse. Work liquid detergent and a few drops of vinegar into stain. Rinse. If stain remains, apply 3% hydrogen peroxide. Rinse and wash.  Paint  Hand wash paint-stained items.  Water base: Treat stains while still wet. (These paints cannot be removed after they have dried.) Rinse in warm water to flush out paint. Sponge with	Lipstick	Blot with absorbent material. Repeat if necessary. Rinse. If stain still re-
and color safe bleach for 15 to 30 minutes. Rewash. (Old mildew stains are almost impossible to remove. Mildew fungus destroys or weakens fabrics.) An alternative to bleach is to treat with salt and lemon juice and dry in direct sunlight. Rinse and rewash. Mildew may form if wet or damp laundry remains in your washer for extended periods of time. To prevent mildew, promptly dry laundry after washing.  Mustard  Treat immediately. Scrape off excess mustard. Sponge with a nonflammable fabric cleaner or a prewash soil and stain remover. Rinse. Work liquid detergent and a few drops of vinegar into stain. Rinse. If stain remains, apply 3% hydrogen peroxide. Rinse and wash.  Paint  Hand wash paint-stained items.  Water base: Treat stains while still wet. (These paints cannot be removed after they have dried.) Rinse in warm water to flush out paint. Sponge with	•	enzyme presoak at least 30 minutes, or treat stains with a nonflammable
mable fabric cleaner or a prewash soil and stain remover. Rinse. Work liquid detergent and a few drops of vinegar into stain. Rinse. If stain remains, apply 3% hydrogen peroxide. Rinse and wash.  Paint  Hand wash paint-stained items.  Water base: Treat stains while still wet. (These paints cannot be removed after they have dried.) Rinse in warm water to flush out paint. Sponge with	Mildew	and color safe bleach for 15 to 30 minutes. Rewash. (Old mildew stains are almost impossible to remove. Mildew fungus destroys or weakens fabrics.) An alternative to bleach is to treat with salt and lemon juice and dry in direct sunlight. Rinse and rewash. Mildew may form if wet or damp laundry remains in your washer for extended periods of time. To prevent
Water base: Treat stains while still wet. (These paints cannot be removed after they have dried.) Rinse in warm water to flush out paint. Sponge with	Mustard	mable fabric cleaner or a prewash soil and stain remover. Rinse. Work liquid detergent and a few drops of vinegar into stain. Rinse. If stain re-
after they have dried.) Rinse in warm water to flush out paint. Sponge with	Paint	Hand wash paint-stained items.
a nonnaminable labiic cleaner. Allise, wash.		
Oil base: Scrape off fresh paint. Sponge with a nonflammable fabric cleaner. While stain is still wet with solvent, rub liquid detergent into it. Wash with hottest water safe for fabric.		cleaner. While stain is still wet with solvent, rub liquid detergent into it.
Perspiration Remove stains before ironing. Perspiration stains may weaken fabric. Wash or sponge stain thoroughly with detergent and warm water. If perspiration has changed the color of the fabric, use one of the following treatments:	Perspiration	Wash or sponge stain thoroughly with detergent and warm water. If perspiration has changed the color of the fabric, use one of the following
Fresh stains: Apply ammonia to stain. Rinse. Launder to remove ammonia odor.		
Old stains: Apply white vinegar to stain. Rinse. Launder to remove vinegar odor.		
Scorch Severe scorch cannot be removed. Wet stain with 3% hydrogen peroxide. Cover with a dry cloth and press with an iron as hot as is safe for fabric. Rinse well. Wash. OR	Scorch	Cover with a dry cloth and press with an iron as hot as is safe for fabric. Rinse well. Wash.
Wet with lemon juice and spread in the sun to dry. Wash.		Wet with lemon juice and spread in the sun to dry. Wash.
Soft drinks Sponge immediately with cold water and alcohol. Heat and detergent may set stain.	Soft drinks	

# **Troubleshooting**

Most laundering problems are easily solved if you understand the cause. Check the following list for common laundry problems and the next page for common washer problems. If you need further assistance, see page 25.

# **Common laundry problems**

PROBLEM	CAUSE
Brown, yellow stains	<ul> <li>Chlorine staining</li> <li>Iron in water heater or pipes; iron and manganese in water</li> </ul>
Dye transfer	<ul><li>Improper sorting</li><li>Load not immediately removed from washer after end of cycle</li></ul>
Gray whites, dingy colors	<ul> <li>Improper sorting</li> <li>Water temperature too low</li> <li>Not enough detergent</li> <li>Using soap in very hard water (use detergent in hard water)</li> </ul>
Greasy looking spots	<ul><li>Fabric softener poured directly on clothes</li><li>Not enough detergent</li></ul>
Lint	<ul> <li>Improper sorting</li> <li>Paper or tissue in pockets</li> <li>Pilling being mistaken for lint</li> <li>Not enough detergent</li> </ul>
Load too wet after spin	<ul><li>Cold rinses</li><li>Cycle stopped before spinning is complete</li></ul>
Shrinking	<ul> <li>Fabric type (some knits stretch during manufacturing – laundering returns fabric to original size)</li> <li>Care label directions not followed</li> </ul>
Snags, rips, and holes	<ul> <li>Items damaged before washing</li> <li>Misuse of chlorine bleach (do not pour directly on clothes); dispenser not used</li> <li>Sharp items not removed from pockets; fasteners not fastened</li> </ul>
Stiff, rough fabrics	<ul> <li>Using soap in very hard water (use detergent in hard water)</li> <li>Not enough detergent</li> <li>Line drying</li> </ul>
Twisting/Tangling	<ul><li>Overloading</li><li>Clothes wrapped around agitator</li></ul>
Wrinkling	<ul> <li>Overloading (leave more room for permanent press and knits)</li> <li>Load not immediately removed from washer after cycle</li> <li>Warm rinse water</li> <li>Cycle selection incorrect</li> </ul>
Yellow areas (from body oils)	Water temperature too low     Not enough detergent

# **Common washer problems**

Before calling for service, check these:



Is the lid closed?





Is the Cycle Selector Knob set and the Start/Pause button pushed?

NOTE: The Cycle Selector Knob does not rotate as the cycle advances.





Is the power cord firmly plugged into a live outlet with proper voltage?





Have you blown a household fuse or tripped a circuit breaker?





Are both the hot and cold water faucets turned on?





Are the water hoses kinked or clogged?





Is the drain hose higher than the water level in the washer? It must be higher for proper operation.





Is the washer making noises or vibrating?

Is the wash load properly distributed around the agitator?

If none of these items was causing your problem, see "Requesting Assistance or Service" on page 25.

# Requesting Assistance or Service in the U.S.A.

Before calling for assistance or service, please check "Troubleshooting" on pages 23-24. It may save you the cost of a service call. If you still need help, follow the instructions below.

# 1. If you need assistance\* ...

Call our toll-free number. Dial toll-free from anywhere in the U.S.A.:



1-800-253-1301

and talk with one of our trained consultants. The consultant can instruct you in

how to obtain satisfactory operation from your appliance or, if service is necessary, recommend a qualified service company in your area.

# 2. If you need service\* ...

Contact the dealer from whom you purchased



the appliance or the authorized servicer in your area. For help finding an authorized servicer in your area, call our toll-free telephone number in Step 1.

# 3. If you need replacement parts ...

To locate replacement parts in your area, refer to step 2 or call our Consumer Assistance Center number in step 1.

# 4. If you are not satisfied with how the problem was solved ...

- Contact the Major Appliance Consumer Action Program (MACAP). MACAP is a group of independent consumer experts that voices consumer views at the highest levels of the major appliance industry.
- Contact MACAP only when the dealer or authorized servicer have failed to resolve your problem.

Major Appliance Consumer Action Program 20 North Wacker Drive Chicago, IL 60606

MACAP will in turn inform us of your action.

### \* When asking for help or service:

Please provide a detailed description of the problem, your appliance's complete model and serial numbers, and the purchase date. (See page 2.) This information will help us respond properly to your request.

# Automatic Washer Warranty

LENGTH OF WARRANTY	WE WILL PAY FOR
FULL ONE-YEAR WARRANTY FROM DATE OF PURCHASE	Replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by an authorized service company.
LIMITED FIVE-YEAR WARRANTY FROM DATE OF PURCHASE	Replacement parts for any part of gearcase assembly if defective in materials or workmanship.  Replacement parts for any lid rust.
LIMITED TEN-YEAR WARRANTY FROM DATE OF PURCHASE	Replacement of outer tub should it crack, or fail to contain water, due to defective materials or workmanship.

### **WE WILL NOT PAY FOR**

- A. Service calls to:
  - 1. Correct the installation of your washer.
  - 2. Instruct you how to use your washer.
  - 3. Replace house fuses or correct house wiring or plumbing.
- B. Repairs when your washer is used in other than normal, single-family household use.
- **C.** Pickup and delivery. Your washer is designed to be repaired in the home.
- D. Damage to your washer caused by accident, misuse, fire, flood or acts of God.
- E. Any labor costs during the limited warranties.
- F. Repairs to parts or systems caused by unauthorized modifications made to the appliance.

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WE SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so this exclusion or limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Outside the United States, a different warranty may apply. For details, please contact your authorized distributor or dealer.

If you purchased your washer in the United States, for use in a foreign country, this warranty will NOT apply.

If you need service, first see the "Troubleshooting" section of this book. After checking "Troubleshooting," additional help can be found by checking the "Requesting Assistance or Service" section, or by calling our Consumer Assistance Center telephone number, 1-800-253-1301, from anywhere in the U.S.A.