



# ONE SPEED AUTOMATIC WASHERS

Use & Care Guide

For questions about features, operation performance, parts, accessories or service call: 1-800-253-1301

In Canada, for assistance call: 1-800-461-5681, for installation and service call: 1-800-807-6777

or visit our website at www.whirlpool.com or www.whirlpool.com/canada

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## WASHER SAFETY

### Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING." These words mean:

## ADANGER



You can be killed or seriously injured if you don't <u>immediately</u> follow instructions.

You can be killed or seriously injured if you don't follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

### **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:

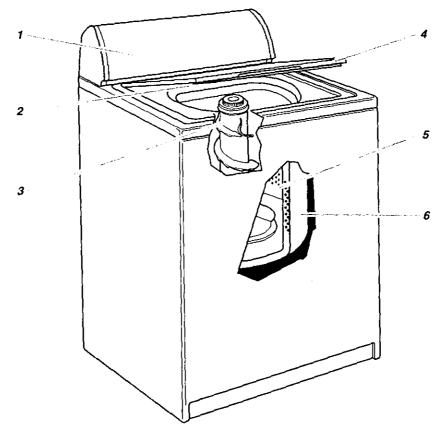
- Read all instructions before using the washer.
- Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable, or explosive substances as they give off vapors that could ignite or explode.
- Do not add gasoline, dry-cleaning 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 lid.
- 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

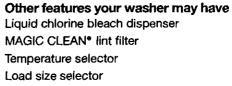
## PARTS AND FEATURES

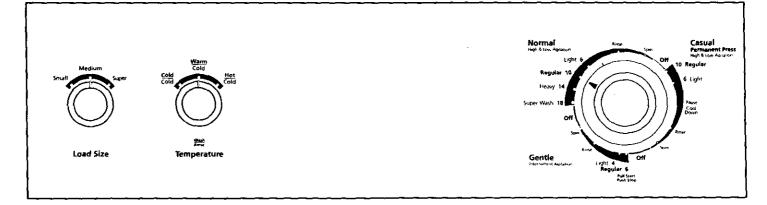
This manual covers several different models. The washer you have purchased may have some or all of the parts and features listed below.



- 1. Control panel
- 2. Model and serial number label
- 3. Agitator
- 4. Lid
- 5. Basket
- 6. Tub

## Control panel





## WASHER USE

## **Understanding Washer Cycles**

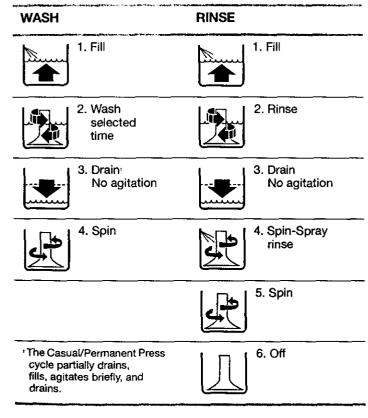
When the Cycle Control knob is set to a number and pulled out, the washer fills (to the selected load size) before agitation and timing start. The washer begins agitating immediately after filling; agitation occurs with the washer lid up or down.

During agitation, the agitator (on some models) creates a continuous rollover action that provides a thorough cleaning of the wash load.



After agitation starts, the Cycle Control knob turns clockwise until it points to an OFF area and the cycle ends.

**NOTE:** The washer pauses briefly throughout each cycle. These pauses are normal for washer operation.



## Loading

#### Loading suggestions

For these suggested full-sized loads, set the LOAD SIZE selecto to the highest load size setting.

SUPER CAPACITYTM WASHERS	
Heavy Work Clothes 3 pair pants 3 shirts 4 pair jeans	1 coverall 1 overall
Delicates 3 camisoles 1 quilted robe 4 slips 4 panties	2 bras 2 nighties 1 baby's dress
<b>Towels</b> 10 bath towels 10 hand towels	14 wash cloths 1 bath mat
Mixed Load 3 double sheets 4 pillowcases 8 T-shirts 6 pair shorts	2 shirts 2 blouses 8 handkerchiefs
EXTRA LARGE CAPACIT	Y WASHERS

Heavy Work Clothes 2 pair pants 3 shirts	3 pair jeans 1 coverall
<b>Delicates</b> 3 camisoles 4 slips 4 panties	2 bras 2 nighties
<b>Towels</b> 8 bath towels 8 hand towels	10 wash cloths 1 bath mat
Mixed Load 2 double sheets or 1 king size sheet 4 pillowcases 6 T-shirts	6 pair shorts 2 shirts 2 blouses 6 handkerchiefs

## **Normal Washer Sounds**

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

#### **During washing**

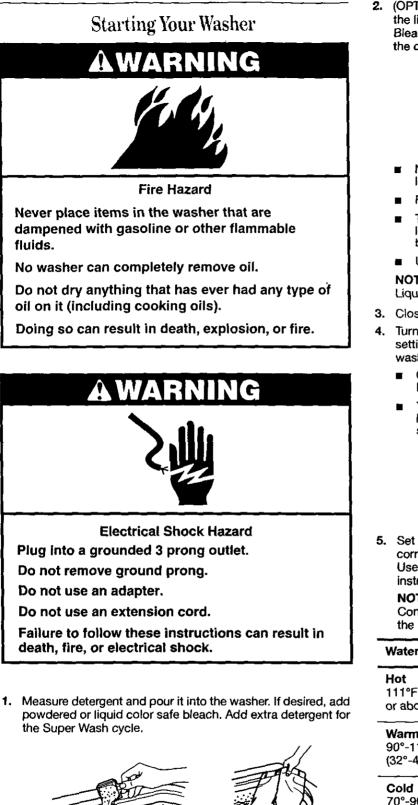
When you select a small load size setting, your washer has a lower water level. This can cause a clicking sound from the upper part of the agitator.

#### **During drain**

If water is drained quickly from your washer (depending on your installation), you may hear air being pulled through the pump during the end of draining.

#### After drain and before spin

When the cycle changes from draining to spinning, you may hear gears engaging.



Drop a sorted load of clothes loosely into your washer.

- Load evenly to maintain washer balance. Mix large and small items.
- Items should move easily through the wash water. Overloading can cause poor cleaning.
- To reduce wrinkling of permanent press clothes and some synthetic knits, use a large load size to provide more space (see step 4).

 (OPTIONAL STEP) Pour measured liquid chlorine bleach i the liquid chlorine bleach dispenser (on some models). Bleach will be diluted automatically during the wash part the cycle.



- Never use more than 1 cup (250 mL) for a full load. Us less with a smaller load size.
- Follow the manufacturer's directions for safe use.
- To avoid spilling, use a cup with a pouring spout. Do n let bleach splash, drip, or run down into the washer basket.
- Use only liquid chlorine bleach in this dispenser.

**NOTE:** On models <u>without</u> a bleach dispenser, see "Addin Liquid Chlorine Bleach."

- 3. Close the washer lid.
- Turn the LOAD SIZE selector (on some models) to the corresetting for your wash load and the type of fabric being washed.
  - Choose a load size that allows the load to move freely : best fabric care. See "Loading".
  - You may change the load size selection after the washe has started filling by turning the selector to a different setting.



5. Set the TEMPERATURE selector (on some models) to the correct setting for the type of fabric and soils being washed Use the warmest water safe for fabric. Follow garment labe instructions.

**NOTE:** On models with temperature selections in the Cycle Control knob, see "Cycle Time and Temperature Options" ir the "Selecting A Cycle and Time" section.

Water Temp	Use For
Hot 111°F (44°C) or above	Whites and pastels Heavy and greasy soils
Warm 90°-110°F (32°-43°C)	Bright colors Moderate to light soils
<b>Cold</b> 70°-90°F (21°-32°C)	Colors that bleed or fade Light soils

**NOTE:** In wash water temperatures colder than 70°F (21°C), detergents do not dissolve well. Soils can be difficult to remove. Some fabrics can retain wear wrinkles and have increased pilling (the formation of small lint-like balls on the surface of garments).

 Push in the Cycle Control knob and turn it clockwise to the wash cycle you want. Reduce the wash time when using a small load size setting. See "Selecting a Cycle and Time."



Pull out the Cycle Control knob to start the washer.

#### To stop or restart your washer

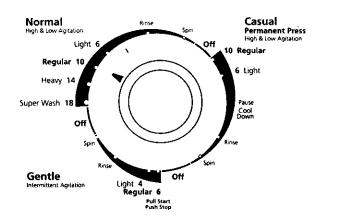
- To stop the washer at any time, push in the Cycle Control knob.
- To restart the washer, close the lid (if open) and pull out the Cycle Control knob.

## Selecting a Cycle and Time

This section describes the available wash cycles and will help you make the best cycle selections for your wash loads. Each cycle is designed for different types of fabric and soil levels.

- The washer pauses briefly throughout each cycle. These pauses are normal. Refer to "Normal Washer Sounds" to learn more about the sounds you may hear during a wash cycle.
- Refer to "Understanding Washer Cycles" to learn what happens during a wash cycle.

**NOTE:** This manual covers several different models. The washer you purchased will not have all of the cycles described.



#### Normal cycle

This cycle features high-speed agitation for maximum cleaning, and high-speed spin to shorten drying time. Select up to 14 minutes of wash time, depending on your model, to clean large loads of sturdily constructed fabrics that are heavily soiled. For lightly soiled cottons and linens, use the shortest time setting.

**Super Wash** - Select the 18-minute Super Wash feature to wash heavily soiled loads that need maximum soil removal. Use two times the recommended amount of detergent for this cycle.

#### **Casual/Permanent Press cycle**

This cycle features a cool-down rinse to minimize wrinkling of permanent press blends and synthetic fabrics. Select 6 to 10 minutes of wash time to clean lightly to moderately soiled loads.

#### Gentle cycle

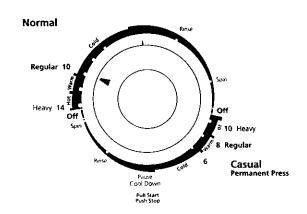
This cycle features a series of brief agitations and soaks, followed by a short spin. Select up to 6 minutes of wash time to gently clean special-care items that are lightly or moderately soiled.

#### **Delicates cycle**

This cycle features a series of brief agitations and soaks, followed by a short spin. Use this cycle to clean delicate items and washable knits that are lightly to moderately soiled.

#### **Cycle Time and Temperature Options**

Some models have the water temperature included in the cycle selections of the Cycle Control knob.



#### Selecting different time and temperature combinations:

To select different wash time and temperature combinations, first select the water temperature (Hot, Warm or Cold), then turn to the new wash time. For example, for 14 minutes of wash time in the Normal cycle with Cold water:

- 1. Push in the Cycle Control knob, and turn it clockwise to the Cold setting.
- 2. Pull out the Cycle Control knob and allow washer to fill.
- 3. When the washer has filled, push in and turn the Cycle Control knob to 14 minutes of wash time.
- 4. Pull out the Cycle Control knob to start washer.

### **Rinse and Spin**

When using extra detergent for heavily soiled clothes, or washing special-care items, you may find an extra rinse and spin is needed.

- 1. Push in the Cycle Control knob and turn it clockwise to any of the Rinse settings.
- 2. Pull out the Cycle Control knob. The washer fills to the selected load size, agitates, drains, and spins.

### **Drain and Spin**

A drain and spin may help shorten drying times for some heavy fabrics or special-care items by removing excess water.

- Push in the Cycle Control knob and turn it clockwise to any of the Spin settings.
- 2. Pull out the Cycle Control knob. The washer drains, then spins.

## Adding Liquid Chlorine Bleach

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

- 1. Let the washer fill and begin agitating the load.
- 2. Add bleach to the wash cycle so it can be removed in the rinse cycle. Pour bleach around the agitator, not directly on the load.
- Follow directions on the care labels. Do not use chlorine bleach on wool, silk, spandex, acetates, or some flameretardant fabrics.
- When soaking with chlorine bleach, add detergent to soak water.

**NOTE:** Undiluted bleach will damage any fabric it touches. The damage appears as rips, holes, tears, or color loss and may not show up until several washings later.

### Adding Liquid Fabra Software

Always dilute fabric softener with  $\frac{1}{2}$  to 1 cup (125 to 250 mL) warm water. Undiluted fabric softener can stain fabrics.

- Add diluted fabric softener only in the final rinse.
- Fabric softener should not be mixed with other laundry products. Greasy stains can form. To remove greasy stains, wet the stain and rub with liquid detergent or a bar of soap. Rewash.
- Too much fabric softener can make some items (diapers and towels) nonabsorbent. If this happens, use less fabric softener, or do not use it every time.

### Self-Cleaning Lint Filter

Your washer has a self-cleaning lint filter at the bottom of the basket. Wash and rinse water flow over the filter during agitation, separating the lint from the water. The lint spins out of the system during the spin part of the cycle.



If your washer drains into a tub, remove any lint collected in the tub or strainer.

## WASHER CARE

## **Cleaning Your Washer**

#### **Cleaning the exterior**

Use a soft, damp cloth or sponge to wipe up any spills such detergent or bleach. Occasionally wipe the outside of your washer to keep it looking new.

#### Cleaning the interior

Clean your washer interior by mixing 1 cup (250 mL) of chlo bleach and 2 cups (500 mL) of detergent. Pour this into you: washer and run it through a complete cycle using hot water. Repeat this process if necessary.

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

### Water Inlet Hoses

Replace inlet hoses after five years of use to reduce the risk hose failure. Periodically inspect and replace inlet hoses if bulges, kinks, cuts, wear or leaks are found.

When replacing your inlet hoses, mark the date of replacem on the label with a permanent marker.

## Vacation, Storage, and Moving Care

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

#### Non-use or vacation care

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

- Unplug washer or disconnect power.
- Turn off the water supply to the washer. This helps avoic accidental flooding (due to a water pressure surge) while are away.

#### To winterize washer

- 1. Shut off both water faucets.
- 2. Disconnect and drain water inlet hoses.
- 3. Put 1 quart (1 L) of R.V.-type antifreeze in the basket.
- Run washer on a drain and spin setting (see "Drain and S for about 30 seconds to mix the antifreeze and water.
- 5. Unplug washer or disconnect power.

#### To use washer again

- 1. Flush water pipes and hoses.
- 2. Reconnect water inlet hoses.
- 3. Turn on both water faucets.
- 4. Plug in washer or reconnect power.
- 5. Run the washer through a complete cycle with 1 cup (25) of detergent to clean out antifreeze.

## TROUBLESHOOTING

First try the solutions suggested here and possibly avoid the cost of a service call...

#### Washer won't fill, rinse or agitate

Check the following: Is the power cord plugged into a grounded 3 prong outlet?

Is the indicator on the Cycle Control knob properly lined up with a cycle? Turn the Cycle Control knob to the right slightly and pull to start.

Are the water inlet valve screens clogged?

Are both the hot and cold water faucets turned on?

Is the water inlet hose kinked?

Does the water level seem too low, or does the washer appear to not fill completely?

The top of the agitator is much higher than the highest water level. This creates a perception that the washer is not filling completely. This is normal.

#### Washer stops

#### Check the following:

Is the power cord plugged into a grounded 3 prong outlet?

is the indicator on the Cycle Control knob properly lined up with a cycle? Turn the Cycle Control knob to the right slightly and **pull to start.** 

Are the water inlet valve screens clogged?

Are both the hot and cold water faucets turned on?

Is the water inlet hose kinked?

- Is there power at the plug? Check your electrical source or call an electrician.
- Has a fuse blown or is the circuit breaker open? If problem continues, call an electrician.
- Are you using an extension cord? Do not use an extension cord.
- Is the washer in a normal pause in the Permanent Press (or Hand Washables) cycle?
   The washer pauses for about 2 minutes in the Permanent Press cycle. Allow the cycle to continue.

The Hand Washables cycle (on some models) features periods of agitation and soak.

 Is the washer overloaded? Wash smaller loads.

#### Washer won't drain or spin

- Is the drain hose clogged, or the end of the drain hose more than 72 inches (183 cm) above the floor? See the Installation Instructions for proper installation of drain hose.
- Is the lid open? The lid must be closed during operation.
- Is there excessive sudsing? Always measure detergent. Follow manufacturer's directions. If you have very soft water, you might need to use less detergent.

Is your voltage low?

Check your electrical source or call an electrician. Do not use an extension cord.

Washer continues to fill or drain, or the cycle seems stuck

Is the top of drain hose lower than the water level in washer?

The top of the hose must be higher than the water level in the washer for proper operation. See the Installation Instructions.

Does the drain hose fit too tightly in the standpipe, or is it taped to the standpipe? The drain hose should be loose yet fit securely. Do not seal the drain hose with tape. The hose needs an air gap. See the Installation Instructions.

#### Washer makes noise

Is the load balanced and the washer level? The wash load should be balanced and not overloaded.

The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.

Did you completely remove the yellow shipping strap with cotter pins?

See the Installation Instructions.

Are the gears engaging after the drain and before spin, or is the upper part of agitator clicking during wash? These are normal washer noises.

#### Washer leaks

- Check the following: Are the fill hoses tight? Are the fill hose washers properly seated? Is the drain hose clamp properly installed? See the Installation Instructions.
- Is the sink or drain clogged? Sink and standpipe must be able to handle 17 gallons (64 L) of water per minute.
- Is water deflecting off the tub ring or the load? Center the tub before starting the washer.

The wash load should be balanced and not overloaded. The fill or spray rinses can deflect off the load.

The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.

Check household plumbing for leaks.

#### Washer basket is crooked

- Was the washer basket pulled forward during loading? The wash load should be balanced and not overloaded. Push the basket to the center before starting wash.
- Is the load balanced and the washer level? The wash load should be balanced and not overloaded.

The washer must be level. The front feet should be properly installed and the nuts tightened. Reset the rear leveling legs (if needed). See the Installation Instructions.

The washer basket moves while washing. This is normal.

#### Agitator operation

 The top of the agitator is loose, or moves in only one direction.
 This is normal.

#### Dispensers clogged or bleach leaking

 Did you follow the manufacturer's directions when adding detergent and fabric softener to the dispensers?
 Measure detergent and fabric softener. Carefully pour into the dispensers. Wipe up all spills.

Dilute fabric softener in the fabric softener dispenser.

 Did you put powdered or color-safe bleach in the liquid chlorine bleach dispenser?
 Add powdered or liquid color-safe bleach directly to the basket. Do not use the chlorine bleach dispenser for colorsafe bleach.

#### Load too wet

Did you use the right cycle for the load being washed? Select a cycle with a higher spin speed (if available).

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Did you use a cold rinse?
 Cold rinses leave loads wetter than warm rinses. This is normal.

#### Residue or lint on load

- Did you sort property? Sort lint givers (towels, chenille) from lint takers (corduroy, synthetics). Also sort by color.
- Did you overload the washer? The wash load must be balanced and not overloaded. Lint can be trapped in the load if overloaded. Wash smaller loads.
- Check the following: Was paper or tissue left in the pockets?

Did you use enough detergent? Follow manufacturer's directions. Use enough detergent to hold the lint in the water.

Is your water colder than 70°F (21°C)? Wash water colder than 70°F (21°C) may not completely dissolve the detergent.

#### Stains on load

Did you follow the manufacturer's directions when adding detergent and fabric softener?

Measure detergent and fabric softener. Use enough detergent to remove soil and hold it in suspension.

Dilute fabric softener and add to the rinse portion of a cycle only. Do not drip fabric softener on clothes.

- Is there above average iron (rust) in water? You may need to install an iron filter.
- Did you properly sort the load? Sort dark clothes from whites and lights.
- Did you unload the washer promptly? To avoid dye transfer, unload the washer as soon as it stops.

#### Load is wrinkled

- Did you unload the washer promptly? Unload the washer as soon as it stops.
- Did you use the right cycle for the load being washed Use the Permanent Press cycle or another cycle with low speeds (if available) to reduce wrinkling.
- Did you overload the washer?
  The wash load must be balanced and not overloaded. Le should move freely during washing.
- Was the wash water warm enough to relax wrinkles, are you using warm rinses?
  If safe for the load, use warm or hot wash water. Use cold rinse water.
- Are the hot and cold water hoses reversed? Check to be sure the hot and cold water hoses are connec to the right faucets. See the Installation Instructions.

#### Load is tangled or twisted

- Did you overload the washer? The wash load must be balanced and not overloaded. Los should move freely during washing.
- Did you wrap items around the agitator?
  Drop items loosely into the washer. Do not wrap items arou the agitator.

#### Gray whites, dingy colors

- Did you properly sort the load? Dye transfer can occur when mixing whites and colors in a load. Sort dark clothes from whites and lights.
- Was the wash temperature too low?
  Use hot or warm washes if safe for the load. Hot water should be at least 111°F (44°C) to clean heavy or greasy soils.
- Did you use enough detergent, or do you have hard water?

Use more detergent for washing heavy soils in cold or hard water.

Are the hot and cold water hoses reversed? Check to be sure the hot and cold water hoses are connected to the right faucets. See the Installation Instructions.

#### Garment damage

Check the following: Were sharp items removed from pockets before washing? Empty pockets, zip zippers, snap or hook fasteners before washing.

Were strings and sashes tied to prevent tangling?

Were items damaged before washing? Mend rips and broken threads in seams before washing.

- Did you overload the washer? The wash load must be balanced and not overloaded. Loads should move freely during washing.
- Did you properly add chlorine bleach?
  Do not pour chlorine bleach directly on load. Wipe up bleach spills. Undiluted bleach will damage fabrics.
- Did you follow the manufacturer's care label instructions?

## ASSISTANCE OR SERVICE

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

When calling, please know the purchase date and the complete model and serial number of your appliance. This information will help us to better respond to your request.

#### If you need replacement parts

If you need to order replacement parts, we recommend that you only use FSP\* factory specified parts. These parts will fit right and work right because they are made with the same precision used to build every new WHIRLPOOL\* appliance.

#### To locate FSP replacement parts in your area:

In the U.S.A., call the Consumer Assistance Center at **1-800-253-1301**, or your nearest designated service center.

In Canada, call 1-800-807-6777, or your nearest designated service center.

### In the U.S.A.

Call the Whirlpool Consumer Assistance Center toll free: 1-800-253-1301.

#### Our consultants provide assistance with:

- Features and specifications on our full line of appliances.
- Installation information.
- Use and maintenance procedures.
- Accessory and repair parts sales.
- Specialized customer assistance (Spanish speaking, hearing impaired, limited vision, etc.).
- Referrals to local dealers, repair parts distributors, and service companies.

Whirlpool designated service technicians are trained to fulfill the product warranty and provide after-warranty service anywhere in the United States.

To locate the Whirlpool designated service company in your area, you can also look in your telephone directory Yellow Pages.

#### For further assistance

If you need further assistance, you can write to Whirlpool Corporation with any questions or concerns at:

Whirlpool Brand Home Appliances Consumer Assistance Center c/o Correspondence Dept. 2000 North M-63 Benton Harbor, MI 49022-2692

Please include a daytime phone number in your correspondence.

## In Canada

Call the Inglis Limited Consumer Relations Center toll free: 1-800-461-5681 8:30 a.m. - 6:00 p.m. (EST).

#### Our consultants provide assistance with:

- Features and specifications on our full line of appliances.
- Referrals to local dealers.

#### For service in Canada

Call 1-800-807-6777. Inglis designated service technicians are trained to fulfill the product warranty and provide after-warranty service anywhere in Canada.

#### For further assistance

If you need further assistance, you can write to Inglis Limited with any questions or concerns at:

Consumer Relations Center Inglis Limited 1901 Minnesota Court Mississauga, Ontario L5N 3A7

Please include a daytime phone number in your correspondence.

#### Gearcase assembly covered by your warranty

