

Part No. 33416
11/89

Amana

A **Raytheon** Company

OPERATING INSTRUCTIONS For Home Laundry Automatic Washers

Models:

LW 1501 LWD 352

LW 1502 LWD 353

LW 1503

KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE. (If the washer changes owner, be sure this manual accompanies the washer.)

▲ WARNING

FOR YOUR SAFETY
and to reduce the risk of fire or explosion, do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

Operating Instructions

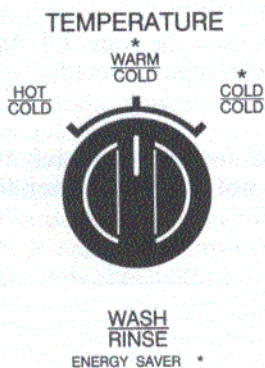
To Wash Clothes

IMPORTANT: Before using your new washer, make sure the washer cord is plugged into a 120 Volt electrical outlet that has the proper grounding and polarity, that the washer hoses are connected to the hot and cold water faucets, and that the faucets are turned on. Be sure the drain hose is not kinked and is inserted into a drain. See **INSTALLATION INSTRUCTIONS** for details of proper washer installation. Keep these instructions for future reference.

1. Get clothes ready for washing. Empty pockets and cuffs. Sort items into separate loads. Pretreat stains and heavily soiled areas. Consult the Handbook (supplied with the washer) for information on how to get the best cleaning results.
2. Measure and add detergent to the washtub.
3. Add clothes loosely into the washtub. The bulk of the clothes rather than the weight will determine load size.
4. Close the loading door. The washer will not agitate or spin with the loading door open.

▲WARNING To reduce the risk of severe personal injury, **DO NOT** by-pass the loading door switch by permitting the washer to agitate or spin with the loading door open.

5. Set WASH/RINSE temperatures.



NOTE: The washer will provide a cold rinse in all TEMPERATURE settings. Cold rinses will save you money and energy and cold rinses help reduce wrinkling in permanent press and synthetics.

6. Set the LOAD SIZE WATER LEVEL control. Use RESET if agitation has started and more water is needed.



IMPORTANT: Holding the LOAD SIZE WATER LEVEL control in the RESET position can cause flooding of the washer.

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7. Select the cycle according to the type of fabric being washed. Push the timer knob in and turn clockwise to the desired cycle and wash time.
8. Pull the timer knob out to start the water fill. Agitation will begin when the water reaches the level you selected.

The washer will stop (pause) for approximately two minutes before the wash and rinse spins. Do not turn the timer through these pauses. They are part of the cycle.

Timer

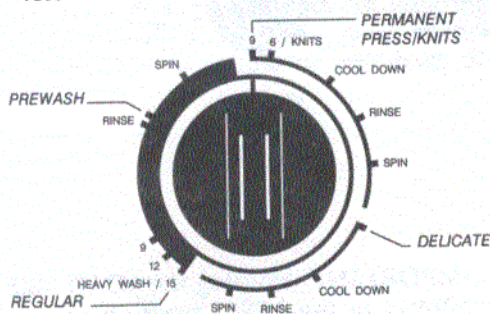
Although the washer cycles are automatic, the timer may be reset to lengthen, shorten or repeat a portion of a cycle.

To set or reset the timer, push timer knob in to stop the washer. Hold timer knob in firmly while turning it clockwise to the setting desired. Pull timer knob out to start the washer.

Automatic Cycles

Regular

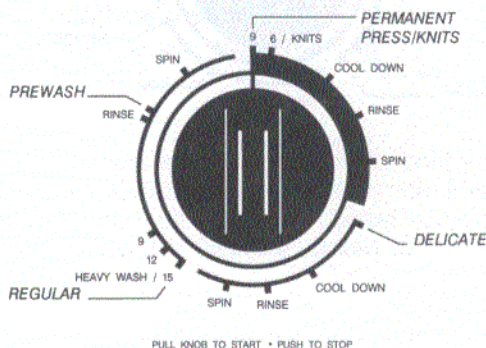
Use for sturdy items, like play or work clothes, towels, T-shirts, etc. The wash time selection will depend on the type of fabric and the amount of soil. For the best results when cleaning heavily soiled items, use a longer wash time (15 minutes maximum). Lightly soiled items require less wash time.



PULL KNOB TO START • PUSH TO STOP

Permanent Press

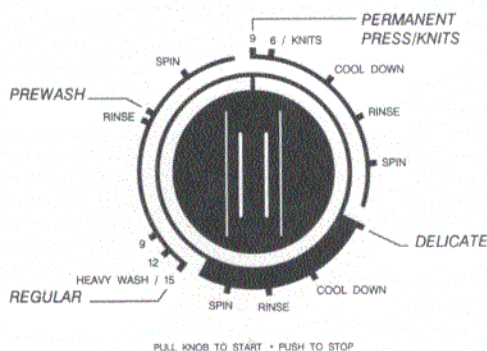
Use for permanent press items and synthetics. The wash time selection will depend upon the type of fabric and amount of soil. The PERMANENT PRESS cycle automatically cools the temperature of the fibers before the spin. After wash agitation stops, the washtub spins slowly, partially drains and then stops. Cold water will then be automatically added to the washtub until the proper water level is reached. This happens one or two times, depending on the size of the load and type of drain the washer is connected to. When the COOL DOWN is complete, the washer will pause for approximately one minute before continuing the cycle.



Delicate

Wash delicate items usually washed by hand on this cycle. A full tub of warm water is recommended (even for a small load) to allow the delicate items to move freely through the water. More water helps reduce fabric wear, wrinkling and provides for a clean wash.

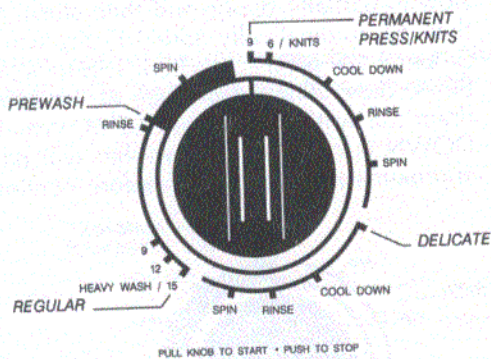
The wash portion of this cycle alternates between short periods of agitation and longer periods of soaking. Cycle includes a cold water rinse.



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Prewash

Prewash items that are heavily soiled or stained. The water temperature is controlled by the rinse portion of the temperature knob. Wash items immediately after prewashing.



Features

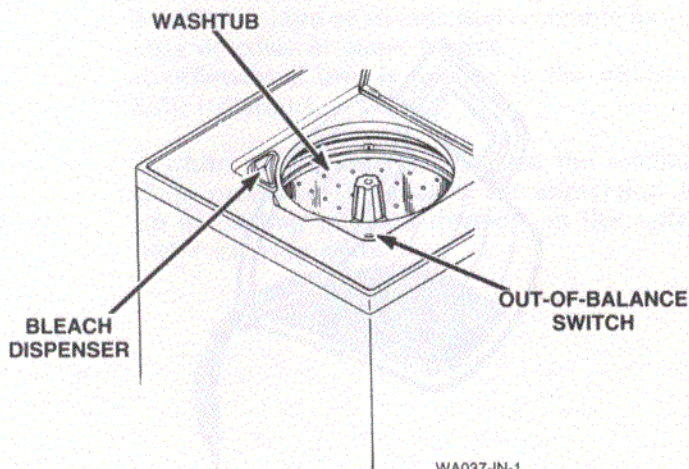
Out-Of-Balance Switch

The out-of-balance switch is located under the right front corner of the washer loading door, see illustration below.

A load of one or two items can make the washtub unbalanced during the spin periods. For the best spinning results, the load must be balanced throughout the spin period.

The out-of-balance switch is tripped if the load becomes excessively unbalanced during the spin. Spinning stops when this happens.

If the out-of-balance switch is tripped, you'll need to rearrange the load. To do this, push the timer knob in, open the loading door and evenly distribute the items in the washtub. Close the loading door, pull the timer knob out and the spin will resume.



Bleach Dispenser (Optional on some models)

The bleach dispenser is located in the left front corner, under the loading door, see Page 15.

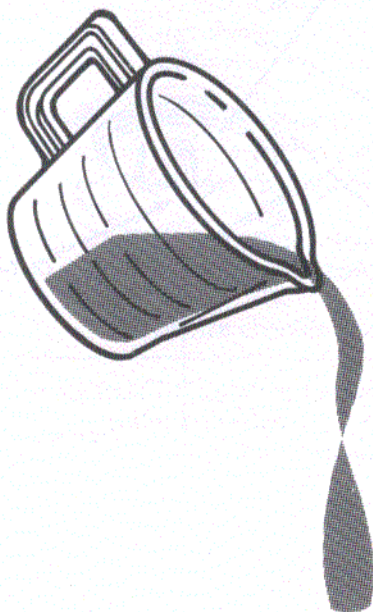
Use liquid bleach in the dispenser.

Use no more than one cup chlorine bleach for large loads, three quarters of a cup for medium loads, and one half of a cup for small loads.

Be careful not to spill undiluted bleach. It is a strong chemical and can damage some fabrics if it is not properly diluted.

Fabric Softener

Add most fabric softeners to the rinse water only, with no other laundry product. Most liquid fabric softeners must be diluted before they are added to the washtub. If not diluted, some fabric softeners will stain items. See label instructions before using.



WA038-IN

Cycle Chart

(Times are approximate)

REGULAR

Wash fill	time can vary
Wash agitation	up to 15 min.
Pause	1 min. 15 sec.
Spin	1 min. 30 sec.
Spin & spray	1 min. 30 sec.
Pause	18 sec.
Rinse fill	time can vary
Pause	12 sec.
Rinse agitation	5 min.
Pause	1 min. 14 sec.
Spin	7 min.

PERMANENT PRESS

Wash fill	time can vary
Wash agitation	up to 9 min.
Pause	1 min. 14 sec.
Cool down	time can vary
Pause	55 sec.
Spin	1 min. 25 sec.
Spin & spray	45 sec.
Spin	1 min. 30 sec.
Pause	18 sec.
Rinse agitation	3 min.
Pause	1 min. 14 sec.
Spin	5 min. 55 sec.

(continued)

PREWASH

Fill	time can vary
Pause	12 sec.
Agitation	5 min.
Pause	1 min. 14 sec.
Spin	7 min.

DELICATE

Wash fill or soak	Up to 1 min. 9 sec.
Wash fill or agitate	45 sec.
Wash fill or soak	2 min.
Wash fill or agitate	45 sec.
Wash fill or soak	2 min.
Wash fill or agitate	45 sec.
Pause (soak)	1 min. 50 sec.
Cool down spin/fill	45 sec.
Cool down fill	variable
Pause	1 min. 23 sec.
Spin	1 min. 30 sec.
Spin & spray	40 sec.
Spin	1 min. 35 sec.
Pause	27 sec.
Rinse fill	1 min. 2 sec.
Pause or fill	22 sec.
Rinse fill or agitate	2 min. 30 sec.
Pause	1 min. 50 sec.
Spin	4 min. 21 sec.