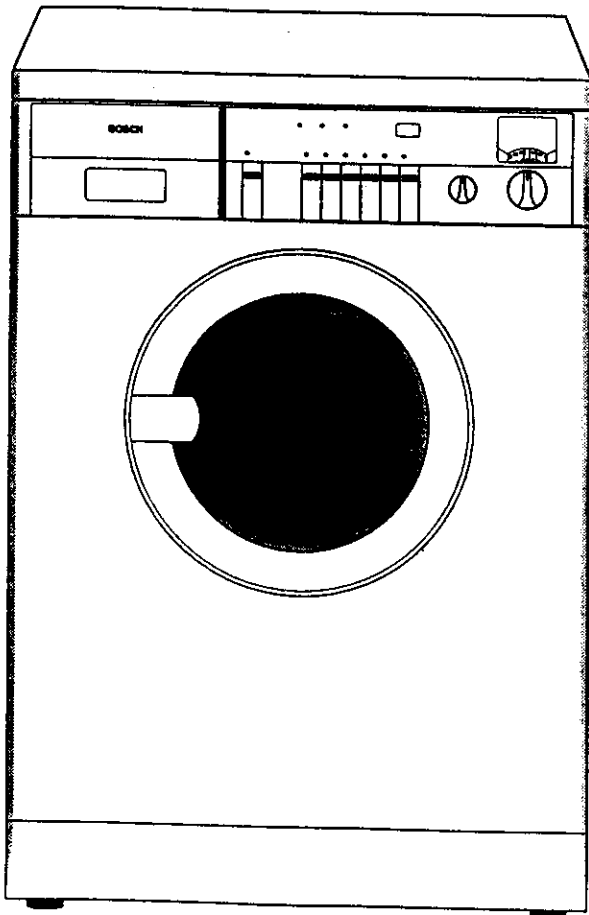


Use & Care Manual^e

Model WFK 2401

Tumble Action Clothes Washer



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KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE.
(In case of change of ownership, manual should be conveyed with the washer.)

IMPORTANT SAFETY INSTRUCTIONS

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

1. Bosch washers are provided with two manuals; one Installation Instruction manual and one Use and Care manual. Read all instructions before using the washer.
2. 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.
3. 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.
4. 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 a 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.
5. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
6. Before the appliance is removed from service or discarded, remove the door and the power cord/plug.
7. Do not reach into the appliance if the wash drum is moving.
8. Do not install or store this appliance where it will be exposed to the weather.
9. Do not tamper with the controls.
10. Do not repair or replace any part of the appliance or attempt any service unless specifically recommended in the user-maintenance instructions or in published user repair instructions that you understand and have the skills to carry out.
11. Always be sure to unplug the washer from the electrical supply before attempting any service. Disconnect the power cord by grasping the plug, not the cord.
12. To reduce the risk of fire, clothes, cleaning rags, mop heads and the like which have traces of any flammable substance, such as vegetable oil, cooking oil, petroleum based oils or distillates, waxes, fats, etc., must not be placed in the washer. These items may contain some flammable substance(s) after laundering, which may smoke or catch fire by itself.
13. Do not use chlorine bleach with ammonia or acidic solutions (such as vinegar or rust removers) in the same wash load. Hazardous fumes can form.
14. Do not machine wash fiberglass materials (many curtains and window covering use fiberglass materials). Small particles can remain in the washing machine and stick to fabrics in subsequent wash loads causing skin irritation.
15. Do not sit on top of the washer.
16. To reduce the risk of fire or electrical shock, **DO NOT** use an extension cord or an adapter to connect the washer to the electrical power supply.

GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current. This appliance is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the washer is properly grounded.

Do not modify the plug provided with the appliance - if it will not fit in the outlet, have a proper outlet installed by a qualified electrician.

IMPORTANT SAFETY INSTRUCTIONS (continued)

17. The washer must only be used for its intended purpose.
18. Always follow the fabric care instructions recommended by the clothing manufacturer.
19. Replace worn power cords and/or loose plugs.
20. Make sure that all water connections to the washer have shut-off valve(s) and that they are readily accessible. Close the washer water shut-off valve(s) at the end of each wash day.
21. Check the fill hose connections on a regular basis to assure that they are tight and not leaking.
22. Always read and follow the instructions of the manufacturer of the detergent(s), cleaning aid(s), fabric softener(s) and static eliminator(s), which you are using. Heed all warnings and precautions.
23. Store all laundry chemicals and aids in a cool dry place according to the manufacturer's instructions.
24. To reduce the risk of poisoning or chemical burns, keep all cleaning products out of the reach of children.
25. Do not operate the washer with any guards and/or panels removed.
26. Do not operate the washer with missing or broken parts.
27. Do not bypass any safety devices.
28. Do not operate this washer until you are sure:
 - a. the washer has been installed according to the **INSTALLATION INSTRUCTIONS**.
 - b. all connections for water, drain, electrical power and grounding are in compliance with all local codes and/or other applicable codes and requirements.
29. Failure to install, maintain and/or operate the washer according to the manufacturer's instructions may result in conditions which can lead to bodily injury and/or property damage.

Notes: A. The **IMPORTANT SAFEGUARDS** and **WARNINGS** presented in this manual do not cover all possible conditions that may occur. Common sense, caution and care must be exercised when installing, maintaining or operating the washer.

B. Always contact your dealer, distributor, service agent or the manufacturer about any problems or conditions that you do not understand.

SAVE THESE INSTRUCTIONS

ABOUT YOUR WASHER

Congratulations on having selected a Bosch high efficiency clothes washer, the choice of those that demand exceptional cleaning performance from their washer. The Bosch washer offers the following standard features:

- Horizontal-Axis, Tumble Action Wash System, without agitator
- Stainless Steel Inner and Outer Wash Drums

- Exceptionally Low Energy and Water Consumption
- Sensotronic Plus -monitors and optimizes the wash process at every stage.
- Internal Heating Element, for Temperature Boosting, up to 161°F (71°C)
- High Spin Speeds, up to 1,200 rpm, remove more water from fabrics to reduce drying time and energy.
- 4 Fabric and 5 Temperature Settings.

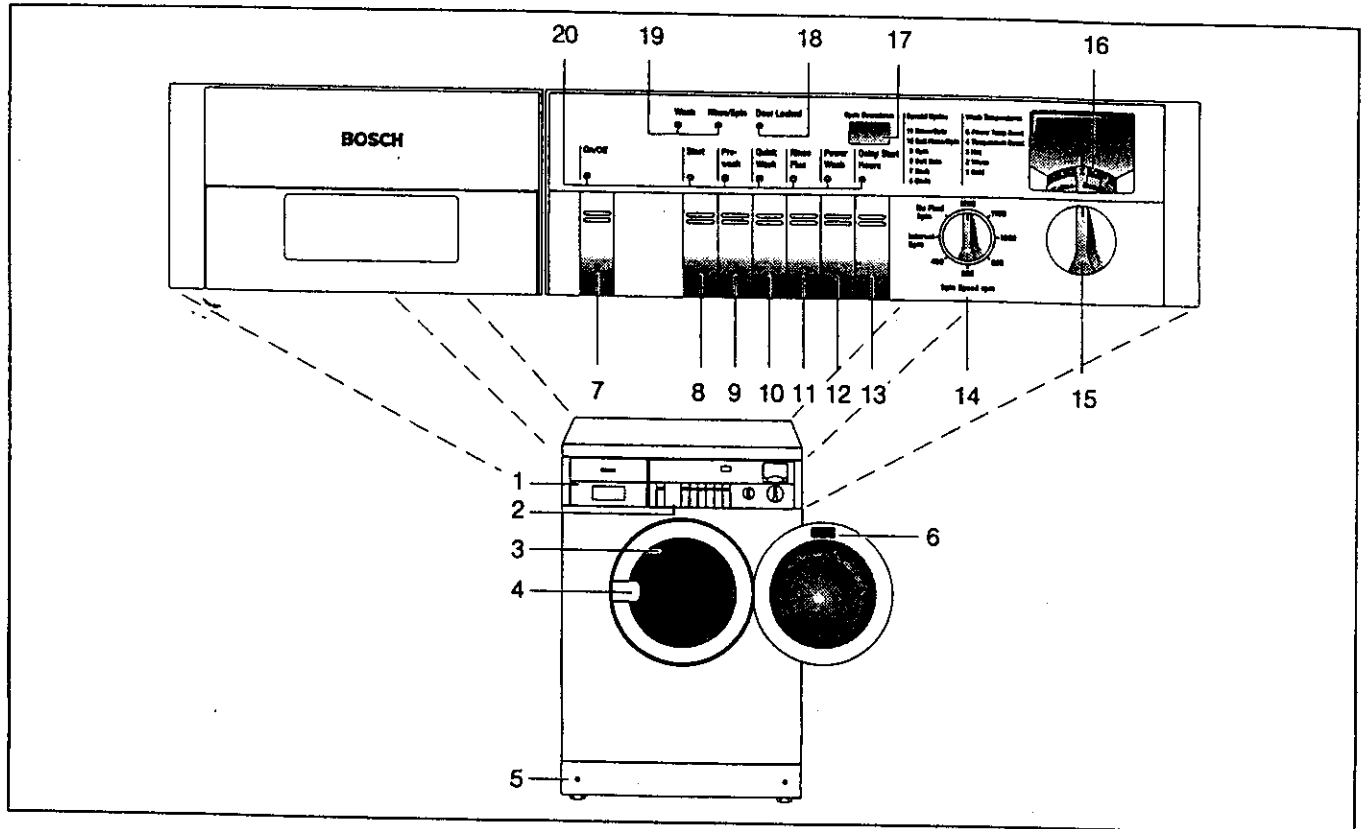


Figure 1.

GETTING TO KNOW YOUR WASHER

Figure 1 is an illustration of a typical Bosch washing machine showing the location of the following:

- | | |
|--|--|
| 1. Dispenser drawer | 13. "Delay Start" time selector |
| 2. Control panel | 14. Spin speed selector |
| 3. Door | 15. Cycle selector |
| 4. Door handle | 16. Indicator for selected cycle |
| 5. Kick panel | 17. Display for "Delay Start" / remaining cycle duration |
| 6. Rating plate | 18. "Door Locked" indicator light |
| 7. "On/Off" Button | 19. Cycle progress indicator lights |
| 8. "Start" Button for starting a cycle | 20. Button indicator lights |
| 9-12. Additional functions | |

BEFORE USING FOR THE FIRST TIME

Before beginning to use your washer for the first time:

1. Check to make sure that the voltage on which the washer is to operate is the same as shown on the rating plate.
2. Check to make sure that the water valve(s) to the washer are open.

It is recommended that the first wash be run without laundry, to remove any water left from the factory tests. To perform this first wash the following steps should be followed:

1. Check that the shipping bolts have been removed. Check that water hoses are connected. Check that drain hose is connected to drain receptacle. Refer to installation instructions.
2. Open the water valve(s) to the washer.
3. Pull the dispenser drawer out.
4. Pour half a measuring cup of detergent into compartment II (on the left-hand side). Do not use a special detergent for delicates or woollens, as these will create too much foam.

Note:

The "Door Locked" indicator light, see Figure 1, item 18, will become illuminated, whenever the door is locked. The door locks automatically when water enters the machine and remains securely locked during running of cycle. Locking of the door is a safety feature. Do not attempt to bypass this or any other safety feature.

5. Press the ON/OFF button. The indicator light will become illuminated and the indicator above the "Start" button will begin to flash.
6. Set cycle selector to **REGULAR/COTTON (5)** (Power Temp.Boost).
7. Press the "START" button.
8. The letters "CL" will be displayed in the alphanumeric display when cycle ends, press the "ON/OFF" button to turn machine off.

GETTING STARTED

Below, in order to get started, you will find a summary of how to operate the washing machine. Also refer to the **CYCLE SELECTION CHART**, Table 1, for tabular summary, with some typical cycles and steps used in running the washer. For detailed instructions on sorting, pre-treating stains see the following section titled **BEFORE WASHING**. For detailed instructions on controls setting see the following section titled **OPERATION**.

- **Open Water valve(s)**
Check water valve(s) and make sure they are open.
- **Load**
Load the items into the washer.
- **Close Door**
Check the door seating area to make sure there is nothing that will be caught between the door and the rubber seal when closing the door. Close the door by pushing it shut firmly until it snaps into place with an audible click.

Add Detergent/Softener.

Pull the dispenser drawer, see Figure 1, out as far as it will go and add detergent and softener as required. See following section titled **USING THE DISPENSER DRAWER**.

Note: Do Not use liquid chlorine bleach in this washer.

- **Turn On the Washer**
Press the "ON/OFF" button. The indicator light will become illuminated and the indicator above the "START" button will begin to flash.
- **Select Cycle**
Set the cycle selector knob (item 15, figure 1) to the cycle desired.

Please refer to the **CYCLE SELECTION CHART**, Table 1, for description/explanation of the wash cycles (fabric type/wash temperature combinations) as well as an explanation of the special cycles. You will also find, directly to the left of the Cycle Selector window, see Figure 1, a table giving a short description of the wash temperatures and **SPECIAL CYCLES** available.

- **Select Spin Speed**
The spin speed selector (item 14, figure 1) may be left in the "normal" position, which is straight up. The washer will then spin at the highest speed allowed for the cycle selected. See following section titled **SPIN SPEED SELECTION** for detailed explanation of selection possibilities.
- **Select Additional Functions (if desired)**
See following section titled **ADDITIONAL FUNCTIONS**.
- **Press the "START" Button**
The "START" indicator light will become illuminated and the washer will start. The alphanumeric display will show the minutes remaining in the cycle. When the cycle is complete the letters "CL" appear in the display and there will be an "END OF CYCLE" signal. See following section titled **ADDITIONAL FUNCTIONS** on information on how to set or turn off the "END OF CYCLE" signal.
- **Turn Off Washer**
Depress the "ON/OFF" button.
- **Close the Water Valve(s)**
It is recommended, after completing washing for the day, that the water valve(s) be closed.

CYCLE SELECTION CHART

Fabric type	Recommended max. load	Care symbols	Wash Cycles (fabric type/wash temperature combinations)
Colorfast and white cotton and linen (e.g. towels, sheets)	full load		Regular / Cotton
			5 Power Temp Boost (161°F / 71°C)
Non-colorfast cotton and linen	full load		4 Temperature Boost (140°F / 60°C)
			3 Hot (122°F / 50°C)
			2 Warm (95°F / 35°C)
Non-colorfast cotton and linen	full load		1 Cold (60°F / 15°C)

Recommendation		Approx. cycle duration in minutes ²
Degree of soiling/ options	Press button ('Add. Function')	
normally to lightly soiled		65
lightly soiled	Quick Wash	39 (50 ³)
heavily soiled	Prewash ¹	86
stained	Power Wash	95
additional rinse	Rinse Plus	75

Fabric type	Recommended max. load	Care symbols	Wash Cycles (fabric type/wash temperature combinations)
Colorfast permanent press (e.g. dress shirts/pants, poly/cotton blend)	1/2 load		Regular / Cotton
			3 Hot (122°F / 50°C)
Non-colorfast permanent press	1/2 load		2 Warm (95°F / 35°C)
			1 Cold (60°F / 15°C)

Degree of soiling/ options	Press button ('Add. Function')	Approx. cycle duration in minutes ²
normally to lightly soiled		52
lightly soiled	Quick Wash	38
heavily soiled	Prewash ¹	74
stained	Power Wash	82
additional rinse	Rinse Plus	60

Fabric type	Recommended max. load	Care symbols	Wash Cycles (fabric type/wash temperature combinations)
Delicates and knitted fabrics (e.g. silk, curtains)	1/2 load		Delicates
			2 Warm (95°F / 35°C)
Delicates and knitted fabrics (e.g. silk, curtains)	1/2 load		1 Cold (60°F / 15°C)

Degree of soiling/ options	Press button ('Add. Function')	Approx. cycle duration in minutes ²
normally to lightly soiled		42
lightly soiled	Quick Wash	30
heavily soiled	Prewash ¹	61
stained	Power Wash	74
additional rinse	Rinse Plus	48

Fabric type	Recommended max. load	Care symbols	Wash Cycles (fabric type/wash temperature combinations)
Hand washables and woolens	1/3 load		Hand Washables
			2 Warm (95°F / 35°C)
Hand washables and woolens	1/3 load		1 Cold (60°F / 15°C)

Degree of soiling/ options	Press button ('Add. Function')	Approx. cycle duration in minutes ²
normally to lightly soiled		42
lightly soiled	Quick Wash	30
stained	Power Wash	52
additional rinse	Rinse Plus	49

Special Cycles			without / with Interval Spin
Fabric type	Time	Function	
Cotton/Linen	11	Rinse/Spin	select spin speed or Interval Spin
	9	Spin	
Permanent Press/ Delicates/Woolens	10	Soft Rinse/Spin	19 / 25
	8	Soft Spin	13 / 19
	7	Soak	16 / 23
	6	Drain	6 / 6
			120
To interrupt, end, or change	X	Reset	2

- 1)= Detergent dosing: 1 part for prewash, 3 parts for main wash
- 2)= The indicated times relate to average load and can be shorter or longer in certain cases (e.g. in combination with other 'Additional Functions' or if water inlet temperature is below normal). Cycles with Interval Spin take 5-8 minutes longer.
- 3)= With 'Power Temp Boost' temperature setting.

Table 1.

Cycle Indicator Lights

The "Wash" and "Rinse/Spin" lights, referred to as the Cycle Indicator lights, serve to indicate the part of the cycle in which, the washer is operating. Refer to Figure 1 and Figure 2.

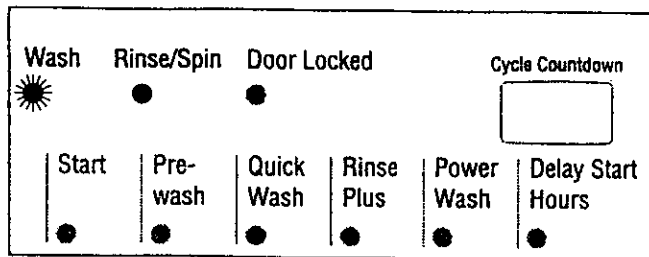



Figure 2.

BEFORE WASHING





PREPARE CLOTHES FOR WASHING

- **Check pockets and cuffs.** Make sure all pockets are empty. It is also recommend that all pockets be turned inside out. Also, make sure that nothing has been caught in the cuffs. A bobby pin, nail or sharp object in a wash load can cause tears. A crayon or tube of lipstick in a wash load can cause stains.
- **Mend holes and tears** Small holes and tears can become enlarged during a wash cycle. Mend holes and tears before washing.
- **Zip up zippers and secure all hooks** Zippers and hooks can catch on clothing in a wash load and tear them.
- **Check for color fastness** Check care label or immerse a section of the garment in warm or hot soapy water and then wring out the water. If the color bleeds (runs), wash the garment separately in cold water.

SORT WASH LOAD

The laundry load should be sorted by color, fabric type, care label and amount of soil. Do not wash clothes in washing machine if the care label says "Do Not Wash" or the DO NOT WASH symbol, , on the care label. Always follow the care symbols. Some typical care symbols and their meanings are listed below:

FABRIC TYPES

-  Machine Wash, Cottons
-  Machine Wash, Permanent Press
-  Machine Wash, Delicates
-  Hand Wash

TEMPERATURES

-  Cold
-  Warm
-  Hot

Refer to the CYCLE SELECTION CHART, Table 1, for more information.

Wash new colored items separately or with similarly colored items. Always wash flourescent, or bright colors serarately

LOAD THE WASHER

Mix large and small items in a load to get the best results. Load the items loosely into the wash drum. The bulk of the clothes, rather than the weight of the load will determine the load size. Load sizes will vary. Small and large items should be washed together to create a balanced load. Do not hesitate to fill the entire wash drum of the washer. It is recommended, for best results, that the drum be loaded, by fabric type, as follows:

Full Load – Cotton and Linens

½ Load – Permanent Press, Synthetic Blends and Poly Knits.

¼ Load – Woolens, Delicates, Silk

The term full load, above, means packing the drum until it is filled with dry, unfolded clothes, without packing it tightly. If necessary, use the **SOAK** cycle, (7), for heavily soiled items.

USING THE DISPENSER DRAWER

For the best washing result it is important to use the correct amount of detergent and additives as called for by the clothing manufacturer.

DETERGENT USE

It is recommended that low sudsing powdered or liquid detergents be used that have been developed for use with high efficiency, front-loading washers. Powdered bleach can also be used in the dispenser.

- Notes:**
1. DO NOT use chlorine bleach in this washer.
 2. If it is necessary to use a detergent made for top loading washers, to avoid oversudsing, it is recommended that only 1/4 to 1/2 of the amount recommended by the detergent manufacturer for top loading washers be used. Using this lesser amount may effect the cleaning performance. The first time, start with 1/4 of the recommended amount. Then, only if there is a low level of sudsing and your clothes are not getting clean, try a little more.
 3. One of the features of Sensotronic Plus is suds sensing. If excessive suds develop during the wash cycle, this will be sensed and an additional rinse cycle will automatically be added. This added rinse cycle will extend the total cycle time and will be reflected in the Cycle Countdown display.

When using detergent recommended for high efficiency, front-loading washers, use only the amount recommended by the detergent manufacturer:

- Use of too much detergent, as with use of detergent developed for top loading washers, could result in an oversudsing condition. Oversudsing will result in a poor-washing result.
- Use of too little detergent will become noticeable by a graying of the wash or a not properly cleaned appearance; grey/brown stains form on the wash; scale builds up on the heating elements.

For smaller loads or less than normal soiling or soft water reduce the amount of detergent used.

WATER HARDNESS

Water hardness information will normally be provided in grains (grains/U.S. gallon) or in PPM (parts per million). Your local water department or utility or State Extension Service should be able to advise you of the hardness of your water.

It is recommended, for reference, that the indicator arrow in the dispenser be set to show the water hardness in your area. See Table 2.

Water Hardness	Soft	Medium	Hard	Very Hard
Dispenser Setting	1	2	3	4
Grains per US Gallon	0-3.5	3.6-7.0	7.1-10.5	10.6+
Parts Per Million (PPM)	0-60	61-120	121-180	180+

Table 2.

Water should be soft enough to allow detergent to remove soil effectively. You will find that the clothes will be whiter and brighter when washed in soft water.

Hard water will not remove soil as well as soft water. To get clothes clean in hard water use slightly more detergent. If you have hard water it can also be softened by installing a mechanical water softener in your home.

DISPENSER DRAWER

The dispenser drawer is located at the top left front of the washer, see Figure 1 and Figure 3. Pull out the dispenser as far as it will go. Also, upon loading the dispenser it should be closed carefully (slowly) to avoid mixing together of the detergent, softener or other additives.

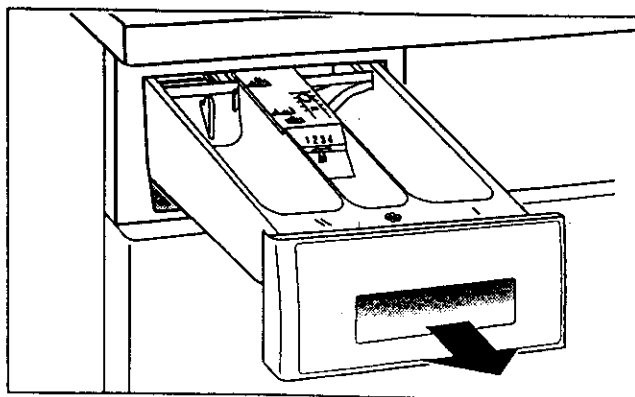


Figure 3.

To clean the dispenser drawer see CARE & CLEANING section in this manual.

There are three separate compartments within the drawer:

Main Wash Detergent Compartment (marked "II" on the left)

The compartment marked "II" holds the detergent that is to be dispensed during the main wash. This compartment may also be used to dispense powdered bleach.

There is an adjustable insert in the "II" compartment that may be set for the type and amount of detergent to be used.

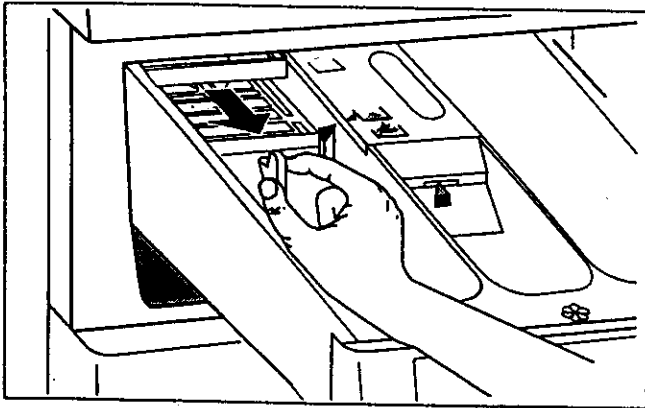



Figure 4.

- **For powder detergents**

For small amounts of powdered and concentrated ("ultra") detergents, position the insert towards the front of the compartment, see Figure 4; for large amounts of detergent, push the insert to the back of the compartment, see Figure 5 (the factory setting). Then position the insert so that the arrow on the insert points towards the  symbol.

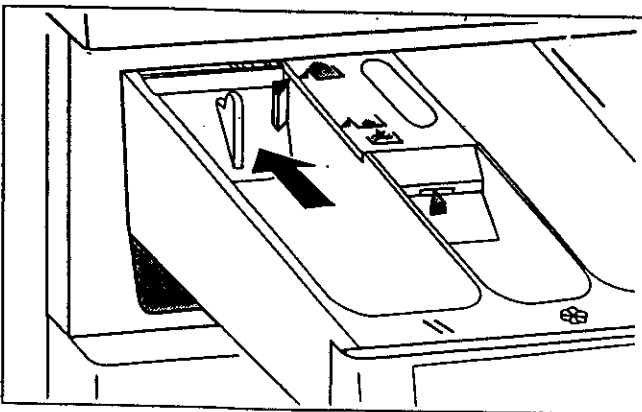


Figure 5.

Use care when adding detergent to the compartment to avoid spilling detergent into the fabric softener compartment. Detergent will thicken fabric softener, making it gummy, which could clog the tubing within the washer.

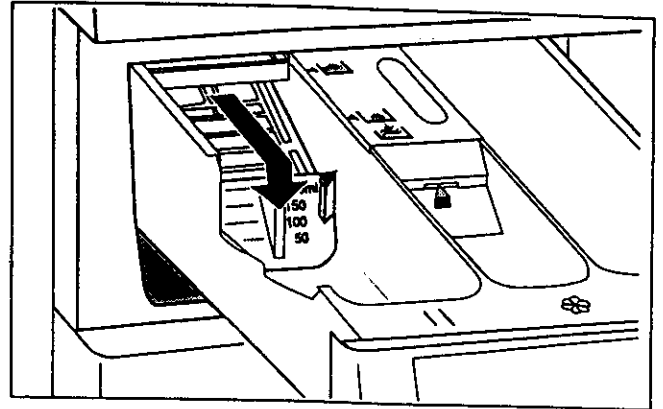



Figure 6.

- **For liquid detergents**

Pull the insert as far to the front as it will go and press downwards, See Figure 6. When pressed downwards the arrow on the insert will angle forward so that it is positioned to point towards the liquid detergent symbol .

Note: If the delayed start feature is going to be used it is not recommended that liquid detergents be used in the dispenser. Liquid detergents can thicken overtime and eventually clog tubing if left standing for extended periods. If liquid detergent is desired when using the time delay feature, use a special dispenser, for liquid detergents, such as a plastic ball.

Prewash/Soak Detergent Compartment (marked "I" on the right)

The compartment marked "I" holds the detergent that is to be dispensed during prewash or soaking. Pour the detergent or soaking agent into the "I" compartment of the dispenser drawer. If soaking please refer to the following section titled OPERATION.

This compartment may also be used to dispense starch to the washing, see section Extra Rinse/Extra Soft Rinsing (and Starching), under the OPERATION section of this manual.

Fabric Softener Compartment (marked , in the middle)

The middle compartment is where fabric softener to be added in the final rinse should be placed. Place fabric softener in the center compartment, before starting the washer. Do not fill beyond the MAX mark. Adding more than the MAX level indicated could result in premature dispensing of the softener or additive and possible staining of the fabrics in the washer. DO NOT pour fabric softener directly on the wash load.

OPERATION

TIPS ON SAVING ENERGY and WATER

To save energy and water:

- Do not use PREWASH for lightly to normally soiled items.
- For lightly soiled items use "QUICK WASH".
- Soak heavily soiled items.
- Wash using maximum recommended loads.

Once the water valve(s) have been opened, washer has been loaded and dispenser drawer filled the washer is ready to be started.

IMMEDIATE START:

- I. Close the door of the washer making sure that the door latches closed.
- II. Press the "ON/OFF" button (Figure 7, below). The "ON/OFF" indicator light will become illuminated and the "START" indicator light will begin to flash.

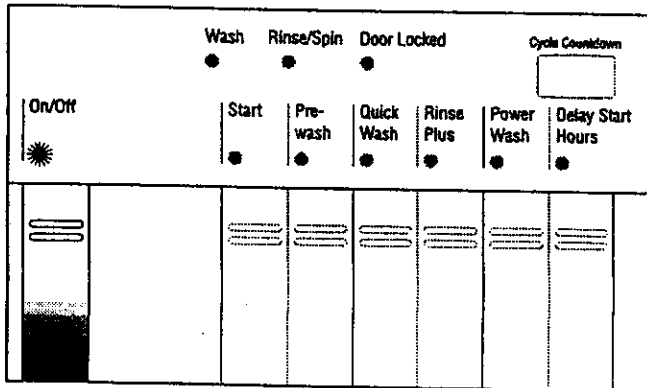


Figure 7.

- III. Use the Cycle Selector, see Figure 8, to select the cycle desired. The cycle length, in minutes, will be displayed in the "Cycle Countdown" alphanumeric display.

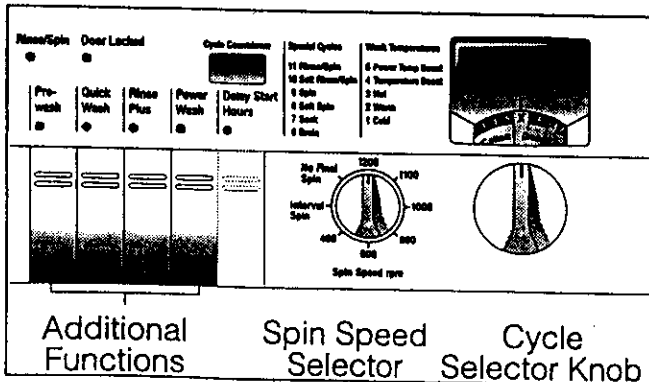


Figure 8.

CYCLE SELECTION

It is easy to make cycle selections with the Bosch washer. Simply turn the cycle selector knob to one of the selections listed on the dial. The washer offers 12 standard wash cycles, combinations of 4 fabric types and 5 wash temperature settings as well as 6 Special Cycles. The selections are descriptive of the type of wash that is to be cleaned or provide special control features to allow manual operation of the washer in the modes desired; such as, spinning, soaking or draining.

Directly to the left of the Cycle Selector window you will find a table, see Figure 9, that as a reminder, provides a brief description of the meaning of the numbers listed on the cycle selector knob:

Special Cycles	Wash Temperatures
11 Rinse/Spin	5 Power Temp Boost
10 Soft Rinse/Spin	4 Temperature Boost
9 Spin	3 Hot
8 Soft Spin	2 Warm
7 Soak	1 Cold
6 Drain	

Figure 9.

STANDARD WASH CYCLES

4 Fabric Types:

1. Regular/Cotton

The cotton settings are intended to be used for sturdy, hard wearing items made from cotton or linen, such as:

- ◆ Play clothes
- ◆ Towels
- ◆ Work clothes
- ◆ Jeans
- ◆ Sheets
- ◆ T-shirts, etc.

For best results when cleaning heavily soiled items use the PREWASH additional function. Refer to the care label on the clothing for settings to use. In general, the POWER TEMP BOOST (5) setting is recommended for sturdy whites and diapers. While TEMPERATURE BOOST (4) would normally be used for colorfast cotton and linens. The (3), (2) and (1) settings save energy when cleaning lightly soiled cotton. The cold (1) setting is recommended for very bright coloreds that are lightly soiled. Using the hottest temperature safe for the fabric will usually provide best cleaning results.

2. Permanent Press


The Permanent Press settings are intended to be used with permanent press items and items made from cotton, synthetic or blended fabrics and outer garments, such as:

- ◆ Dress shirts
- ◆ Dress pants
- ◆ Poly/cotton blend clothing
- ◆ Clothes requiring a special tumble sequence and spin speed to minimize wrinkling.

3. Delicates

The Delicates settings are intended for use with delicate easy care items made from cotton, synthetic or blended fabrics and curtains. During these cycles, no spinning takes place between the rinsing cycles.

4. Hand Washables

The Hand Washables settings are intended for very delicate easy care items that usually require hand washing. These cycles have been specifically designed to provide extremely gentle treatment of fabrics. All woolens or other items marked with the "Hand Wash" symbol, , on the care label can be safely washed in this cycle.

5 Wash Temperature Settings

The numbers 5-thru-11 associated with the STANDARD WASH CYCLES provide a reference to the wash temperatures available:

Power Temp Boost (5) - 161°F (71°C)

This is the highest temperature setting. The water temperature is raised to approximately 161°F (71°C).

Temperature Boost (4) - 140°F (60°C)

Hot (3) - 122°F (50°C)

Warm (2) - 95°F (35°C).

Cold (1) - 60°F (15°C).

Numbers 6-thru-11

The numbers 6-thru-11 are explained below in the section titled SPECIAL CYCLES.

IV. Use the Spin Speed Selector , see Figure 10, to set the speed desired.

SPIN SPEED SELECTION

The spin speed selector knob provides an easy method of selecting the drum spin speeds, Interval Spin or No Final Spin.

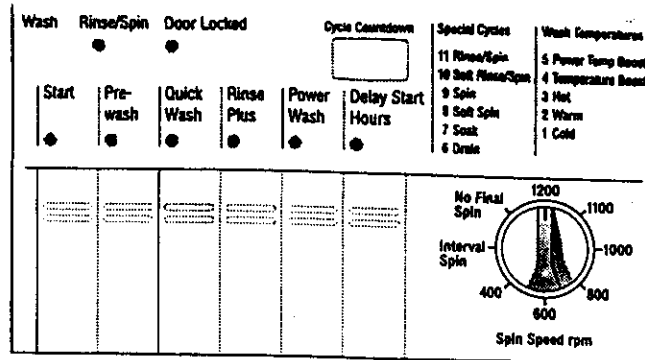


Figure 10.

NORMAL (straight up) Position

The NORMAL position is the straight up position. When set at the NORMAL position the maximum spin speed will not exceed the values shown in table 3. It is possible to set the spin speed to a lower level than shown in table 3 to limit the speed; for example, in cases where very delicate items are being washed.

Maximum Spin Speed		
Cycle	Normal	INTERVAL SPIN
Regular/Cottons	1200	800
Permanent Press & Hand Washables	800	800
Delicates	600	600
Spin & Rinse/Spin	1200	800
Soft Rinse & Soft Rinse/Spin	800	800

Table 3.

Note: One of the features of Sensotronic Plus is the sensing of unbalanced loads. If Sensotronic Plus detects an unbalanced load it will automatically interrupt the spin cycle to redistribute the clothes. If the load cannot be distributed evenly, the maximum spin speed will automatically be reduced.

Interval Spin

When set for INTERVAL SPIN the wash is spun more gently and loosened in several stages. In INTERVAL SPIN cycle, time will be extended for up to 10 minutes. Maximum spin speeds of cycles when spin is set for INTERVAL SPIN are also shown in Table 3, above.

No Final Spin

When in NO FINAL SPIN the water will not be spun out at the end of the cycle. The wash is left with the water from the final rinse. The drum will spin the wash between rinses. Use this setting to avoid setting wrinkles, when the clothing cannot be taken out of the washer immediately upon completion of the cycle.

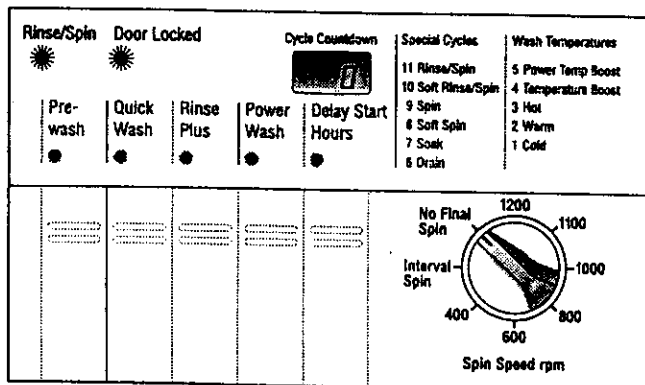


Figure 11.

Note: When in NO FINAL SPIN, the washer stops and displays "CL" in the display, but the door cannot be opened. To finish the wash load and enable opening of the door there are two choices:

1. If you desire the wash to be spun dry: set the spin speed indicator to speed desired or INTERVAL SPIN and depress the "START" button. The wash will then be spun dry and upon completion the door will be able to be opened.

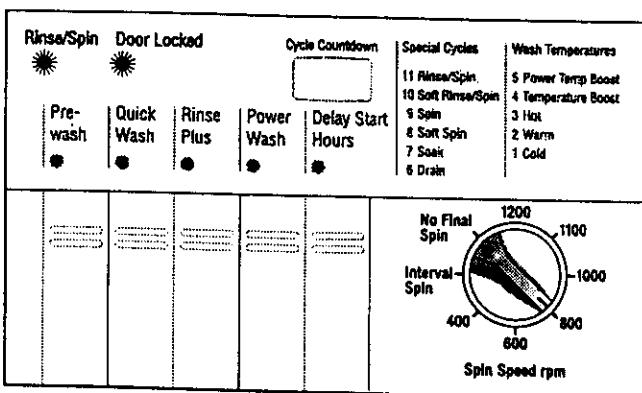


Figure 12.

2. If you desire to have the wash remain wet: set the cycle selector to DRAIN (6) and depress the "START" button. The water will then be pumped from the washer and the door will be able to be opened.

V. Set Additional Functions, see Figure 13, if desired.

ADDITIONAL FUNCTIONS

The STANDARD WASH CYCLES are suitable for most wash conditions that one may encounter, however, for those special situations there are four "ADDITIONAL FUNCTION" keys located between the "START" and "DELAY START HOURS" buttons on the control panel of the washer, see Figure 13 below.

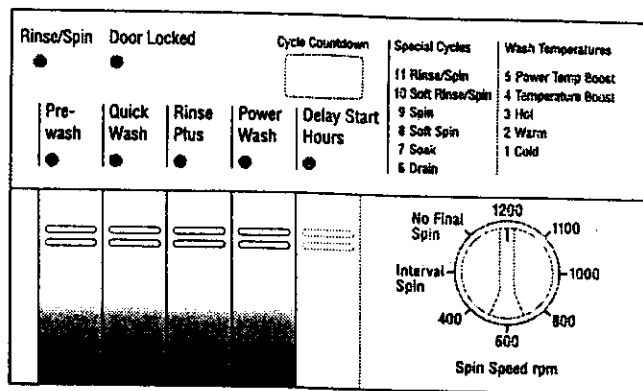


Figure 13.

The ADDITIONAL FUNCTION keys can be chosen to be used with the cycle selected with the cycle selector knob and also can be combined with one another for use with the selected cycle. The indicator light above the additional function key will become illuminated to show that it has been selected. These ADDITIONAL FUNCTIONS are as follows:

Prewash

Recommended for garments that are heavily soiled or stained, work clothes, overalls, etc. The Prewash temperature is 30°C. When using Prewash, place ¼ of the detergent in the Prewash compartment of the dispenser drawer (compartment marked "I", on the right).

Note: In order to protect the very delicate and woolen fibers, Prewash will not function if a Hand Washable cycle is selected.

Quick Wash

If the degree of soiling is light, this function may be selected to save time and energy. With this function selected the cycle time for DELICATES and HAND WASHABLES will only be 30 minutes.

Rinse Plus

When this button is depressed, an additional rinsing cycle will be added to the selected cycle.

Power Wash

Recommended for heavily soiled and or stained items. Particularly recommended when trying to remove protein stains. Wash time is extended by

drum with POWER WASH selected. The washer then heats the water to the selected wash temperature. By raising the temperature from cold through to the set temperature all components of the detergent are activated in stages for best stain removal and cleaning results.

TYPICAL CYCLES

If there is still some question as to how the Bosch washer is set for various washing duties refer to Table 1, CYCLE SELECTION CHART and go through the step by step suggestions and re-read the OPERATION section. This will usually clear-up any remaining questions.

Note: Water Level: Another aspect of the Sensotronic Plus system is the load sensor that will automatically adjust the water level in the Bosch washer to accommodate the type and size of load.

VI. Press the "START" button. The "START" indicator light will stop flashing and become illuminated, the washer will start, the "Door Locked" light will become illuminated and the washer will continue to the end of the selected cycle. The cycle indicator lights will display the cycle that is running and the "Cycle Countdown" alphanumeric display will indicate the estimated time remaining until the cycle ends. See Figure 14.

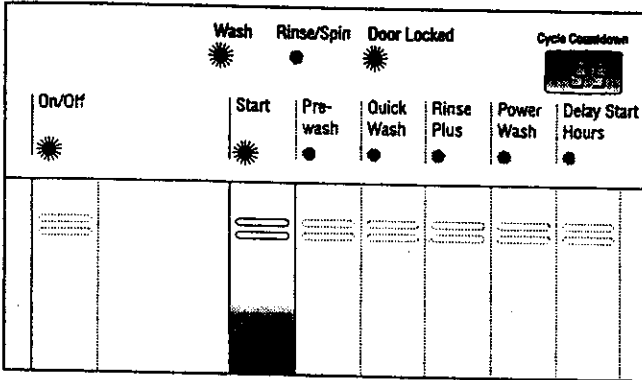


Figure 14.

Notes: 1. The Bosch washer's Sensotronic Plus, a sophisticated sensor technology package, will constantly monitor, control and optimize

displayed in the alphanumeric display may therefore change to accommodate the change in a sensed condition; such as unbalanced load, excessive suds, extremely large or small loads, etc.

2. The Bosch washer will often start and stop while operating as it changes drum rotation direction and makes various checks and adjustments to accommodate the load. This stopping and starting is normal.

VII. At the end of the cycle the washer will stop, the letters "CL" will be displayed in the alphanumeric display and there will be an "End of Cycle" signal.

"End of Cycle" Signal

The washer leaves the factory with the "End Of Cycle" signal turned on and set to the loudest position. To reset the "End of Cycle" signal to a lower level, or turn it off completely:

Before the beginning or after the end of a cycle depress and hold in the "PREWASH" button. After approximately 3 seconds the signal will begin to sound. The volume level of the sound may be changed by holding the button in until desired volume level or "OFF" setting is reached. The setting will be stored for future use until altered.

VIII. If you have the speed selector set to "NO FINAL SPIN" the letters "CL" will be displayed, but the "Door Locked" light will be on and the door will be locked. To bring the cycle to the point where the door can be opened you must perform one of the following steps:

1. The wash must first be spun out, by setting the speed selector to the desired spin speed or "INTERVAL SPIN",
- or,
2. The water in the wash must be drained by setting the cycle selector to DRAIN (6).

- IX. Turn off washer by depressing the "ON/OFF" button.
- X. Open the door, remove the wash load and leave the door slightly open to allow the inside of the washer to dry after each use.
- XI. Remove any foreign objects from the drum seal that may have come to rest there during running of the washer. Otherwise there is risk of sharp object or other item that may rust being left on the seal and damaging it.
- XII. Close the water valve(s). If you have completed washing for the day close the water valve(s)

DELAYED START:

The start of the washing cycle can be delayed up to 19 hours, in 1-hour increments. Perform the same steps I through V as described above under the heading "IMMEDIATE START", but instead of depressing the "START" button proceed as follows:

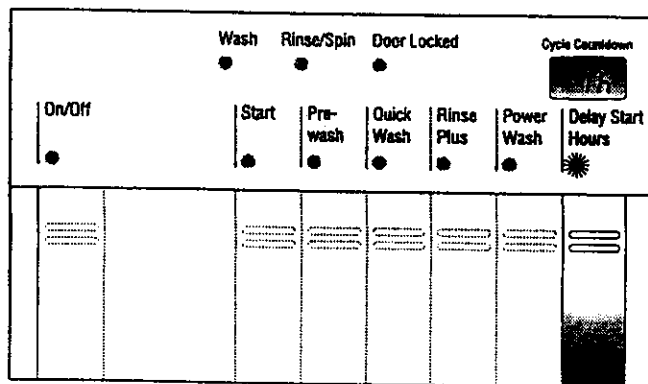


Figure 15.

- XIII. Press "DELAY START HOURS" button, see figure 15. The alphanumeric display above the button will display "1h" indicating that a one hour delay has been selected. Press the "DELAY START HOURS" button as many times as necessary, or hold it in, to display the number of hours delay desired. A small dot will flash on and off, in lower right hand corner of display, to indicate the washer is counting down from the set time. The washer will count down in one-hour increments and will start once the indicated delay has past.

- Notes:
1. The delay time may be altered or cancelled at anytime, before the washer starts, by depressing the "DELAY START HOURS" button and holding it in. Then either hold it in until the new desired delay time appears or, until the display passes "19". If held in past the "19" being displayed the start time is cancelled and will display the cycle duration time as soon as the button is released. Press the "DELAY START HOURS" button again to begin the delay setting again in one hour increments.
 2. The door may be opened after the delayed start time has been set to add more wash until the washer starts.
 3. To start the washer immediately even though the delay start has been set simply press the "Start" button.

When the cycle ends the steps for DELAYED START are again the same as for IMMEDIATE START. See steps VII through XII, above.

To interrupt the cycle after the washer has begun, simply depress the "ON/OFF" button. The machine will stop. The machine will restart approximately from the point where it was turned off when the "ON/OFF" button is again depressed.

To end a cycle that has begun:

- Set the cycle selector to any of the "X" settings, see Figure 16. The indicator light above the "START" button will begin to flash.

Note: The "X" setting that appears a number of times on the cycle selector knob is the reset position. This setting is used to reset the programming.

- Depress the "START" button.
- Set the cycle selector to a SPIN (8) or SOFT SPIN (9) or DRAIN (6) cycle.
- Depress the "Start" button. The washer will spin dry and drain or just drain and "CL" will appear in the alphanumeric display when done. The washer door can then be opened and the wash removed.

If you wish to change the cycle after it has begun:

- Turn the cycle selector to "X" The indicator light above the "START" button will begin to flash.
- Depress the "START" button.
- Turn the Cycle selector to the cycle desired.
- Depress the "START" button.
- The new cycle will begin.

Notes: 1. Do not add more detergent as the water in the machine has not been pumped out.
 2. If the washer is interrupted during "Wash", "Spin", or Drain" selection the clothes will not be rinsed and there may be soap residue.

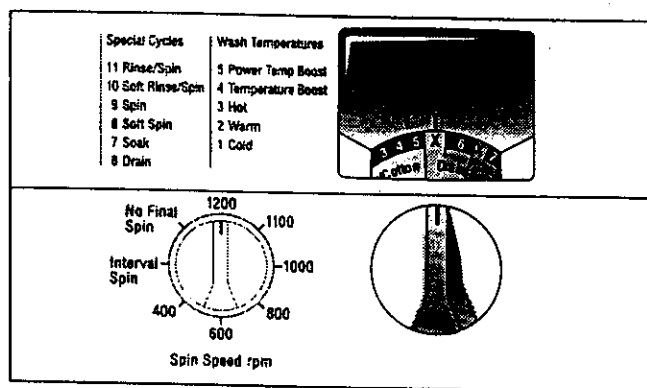


Figure 16.

TO ADD CLOTHES DURING CYCLE

You can add clothes to the wash load as long as the "Wash" indicator light is illuminated.


- Depress the "On/Off" button.
- Wait until the "Door Locked" indicator light goes off.
- Open the door and add clothes.
- Close the door by pushing it shut firmly until it snaps into place with an audible click.
- Depress the "On/Off" button. The machine will restart approximately at the point where it was turned off.

SPECIAL CYCLES

Rinse/Spin (11) & Soft Rinse/Spin (10) (and Starching)

A separate rinsing cycle followed by spinning. Used for rinsing individual items that have been washed by hand, for starching, or for flushing detergent residue from the washer after too much detergent has been used. The Soft Rinse/Spin (10) is specially designed for permanent press and delicate items.

To use these settings for rinsing (includes spinning):

1. Place the wash to be rinsed in the washer.
2. Pour fabric softener into the fabric softener compartment (the middle compartment in the dispenser drawer, marked , if desired.
3. Depress the "On/Off" button.
4. Set the cycle selector to RINSE/SPIN (11) or SOFT RINSE/SPIN (10).
5. Set the spin speed selector to a specific speed, or INTERVAL SPIN, or NO FINAL SPIN, if desired.
6. Depress the "START" button. The indicator light for "Rinse/Spin", in the cycle progress indicator will become illuminated.

The cycle will end automatically after the spin cycle, unless NO FINAL SPIN has been selected. If NO FINAL SPIN was selected, refer to page 12 for information on how to end the cycle and enable opening of the door.

To use these settings for **starching**:

1. Place the washing to be starched into the washer. The washing should not have been treated with fabric softener.
2. Dissolve sufficient starch for 4 gallons (15 litres) of water (being sure to observe the starch manufacturer's instructions) in a quart (1 litre) of water.
3. Depress the "ON/OFF" button.
4. Set the cycle selector to RINSE/SPIN (11) or SOFT RINSE/SPIN (10).
5. Set the spin speed selector to a specific speed, or INTERVAL SPIN, or NO FINAL SPIN.
6. Depress the "START" button. The indicator light for "Rinse/Spin", in the cycle progress indicator will become illuminated and the time of the cycle will appear in the "Cycle Countdown" alphanumeric display.
7. When the water begins to flow into the washer, pull out the dispenser drawer slightly and pour the starch solution into the prewash compartment (compartment marked "I", on the right).
8. Close the dispenser drawer. The cycle will end automatically after the spin cycle, unless NO FINAL SPIN has been selected. If NO FINAL SPIN was selected, refer to page 12 for information on how to end the cycle and enable opening of the door.

Soft Spin (8) & Spin (9)

These setting selections are used to spin individual items of laundry. The SOFT SPIN (8) is performed at a lower speed for permanent press and delicate items. Maximum spin speeds of different cycles and for INTERVAL SPIN setting are shown in Table 3, page 11.

7 Soak

The Soak setting is used to pre-treat heavily stained items:

1. Only items of the same color should be soaked in a single load.
2. Pour the soaking agent into Prewash compartment (compartment "I", on the right).
3. Depress the "ON/OFF" button.
4. Set the cycle selector to 7 SOAK.
5. Depress the "START" button. The indicator light for Washing in the cycle progress indicator will become illuminated.

The Soak cycle lasts 2 hours. All the water is pumped out, without a spin. The clothes remain wet. A rinse cycle can be selected to remove the soak water from the wash. You may, as well, without soaked clothes being rinsed first, select desired wash cycle.

6 Drain

The DRAIN setting is used to pump water out of the washer, without spinning, for example after the NO FINAL SPIN selection has ended the cycle.

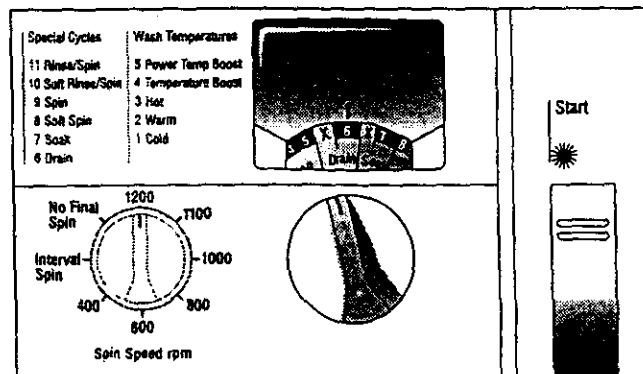


Figure 17.

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