

Wascomat / Aqua Clean

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TECHNICAL INFORMATION TI-1068

ENERGY-SAVING OPTIONS ON W75, W105, W125 AND W185 WASHERS

WARNING: THESE TECHNICAL INSTRUCTIONS ARE INTENDED TO ASSIST QUALIFIED, EXPERIENCED SERVICE PERSONNEL ONLY! IMPROPER SERVICING OF MACHINERY MAY RESULT IN HAZARDOUS CONDITIONS, PERSONAL INJURY, AND LOSS OF LIFE OR PROPERTY. PERSONS NOT TRAINED, AND PERSONS UNFAMILIAR WITH WASCOMAT LAUNDRY MACHINES, SHOULD REFER SERVICING TO QUALIFIED PERSONNEL.

MACHINES AFFECTED: All W75, W105, W125 AND W185 Machines equipped with fixed-program, electro-mechanical timers.

PARTS REQUIRED: For machines NOT equipped with options terminal block: Kit No. 099099.

For machines equipped with options terminal block: Kit No. 098746.

GENERAL INSTRUCTIONS

Models W75 through W185 provide a variety of water and energy saving options which can be easily enabled or disabled.

The way in which energy saving options are enabled varies, depending on the manufacture date of the machine. Later machines are equipped with an "options terminal block", on which jumper wires are installed to enable or disable certain features. Earlier machines require the installation of jumper clips on the timer circuit board to enable these options. These instructions provide the necessary information to configure your washer for:

1. **NO PREWASH:** With this option enabled, the timer will "rapid advance" through the prewash portion of all cycles, and begin operation at the start of the mainwash. This reduces the cycle time by approximately four minutes plus the time normally required for the prewash fill. Water and electrical energy consumption are reduced by approximately one-fifth, with half of the water reduction being hot in the HOT, WARM and PERMANENT PRESS cycles. In the COLD cycle, all of the water saved is cold water.
When this option is enabled, install the cover for compartment 1 of the soap box (refer to figure 2) and affix the no-prewash decals to the instruction sign.
2. **2 RINSES:** This option eliminates the first of the three rinses from all wash programs. Total water consumption is reduced by approximately one-fifth. Since most machines are configured for cold water rinses, all of the water saved by enabling this option will usually be cold. This option also reduces total electrical energy consumption, to a somewhat lesser degree than the NO PREWASH option (since rinses are shorter in duration).
3. **LOW/HIGH LEVEL, HIGH LEVEL** (on some machines): This option allows the selection to be made between low or high water level for the prewash and mainwash portions of the cycle (Rinses always fill to high level). For heavily-soiled items, a high level prewash and mainwash may be desirable. If the "no prewash" option has been enabled, this option affects the mainwash water level only. In order for the machine to fill with water, one of these two options must be enabled.
4. **WARM RINSES** (on some machines). Generally, cold water rinses are desirable, since energy usage is minimized. This jumper will, therefore, usually not be present.
5. **NO COOL DOWN:** Normally, this jumper is installed at the factory, disabling the cool-down portion of the cycle. If enabled (jumper removed), this option will cause the machine to fill with cold water, from low to high level, after six minutes in the HOT cycle mainwash. The cool-down period is two minutes long. This option functions only if the Prewash and Mainwash are set for low water level. as

described in item 3 above. With cool down enabled (jumper removed), the timer will rapid-advance through the cool down In the COLD, WARM and PERMANENT PRESS (DELICATE) cycles.

MACHINE IDENTIFICATION

1. Disconnect electrical power from the machine.
2. Remove the top panel of the machine. Identify the timer circuit board as matching either Figure 1a or 1b, below.
3. If the machine's timer matches figure 1a, continue with the section entitled "LATER MACHINES", below. If the timer matches figure 1b, continue with the section entitled "EARLIER MACHINES".

Figure 1a

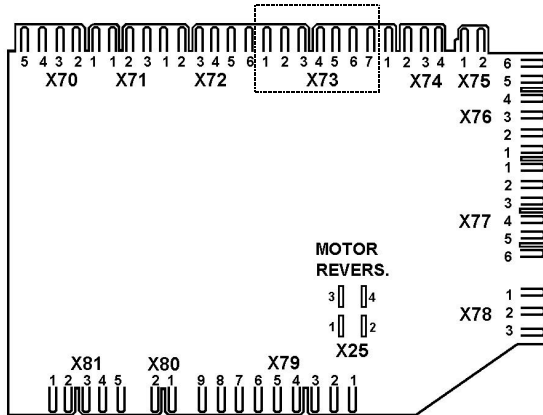
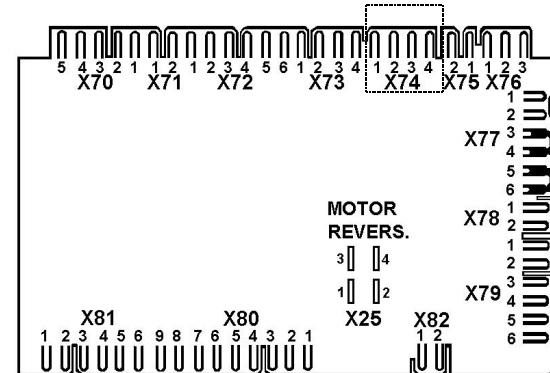


Figure 1b



LATER MACHINES

1. On machines whose timer matches figure 1a, above, an options terminal block can be found in the control tray of the washer. Add or remove jumper wires on this terminal block, according to the label in the tray, to configure the machine for your application. Remember that the machine must be configured for LOW water level in the prewash and mainwash if the NO COOL DOWN jumper is removed (cool down enabled).
2. Re-install the top panel of the washer, turn on electrical power, and test the machine.

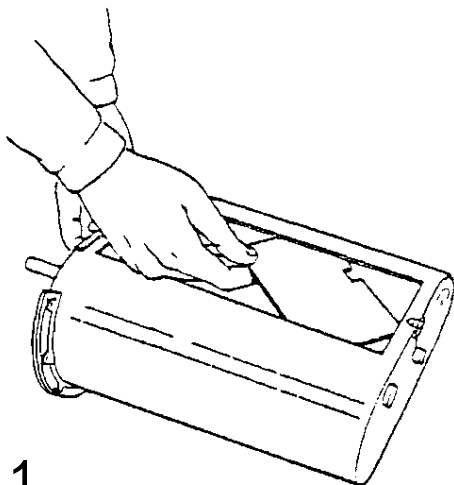
EARLIER MACHINES

3. If the timer matches figure 1b above, examine location X74 of the timer. If a connector is found, the machine is equipped with an options terminal block on which the NO PREWASH and 2 RINSES options are configured. Refer to the "LATER MACHINES" section of this document (above) for selection of these two options on these machines.

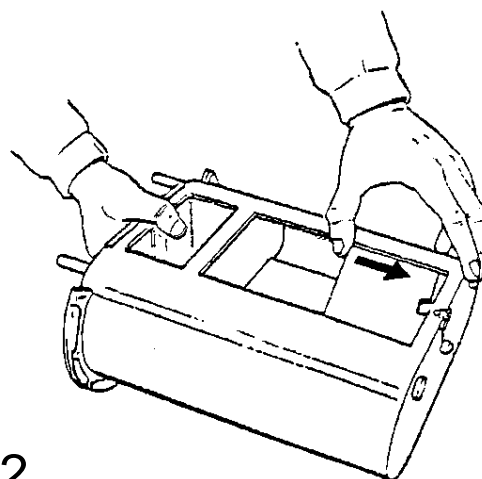
If no connector is found at location X74 of the timer, and for options other than NO PREWASH and 2 RINSES, the jumper clips in the kit must be applied directly to the timer circuit board to enable options. Continue with step 2, below.

4. NO PREWASH (if no connector is present at X74 of the timer): Apply one of the jumper clips, supplied in the kit, between X74, pin 2 and X74, pin 4, to eliminate the prewash portion of the cycle. Use needle-nose pliers to reshape the jumper clip, as needed, to span the two terminals.
When this option is enabled, install the cover for compartment 1 of the soap box (refer to figure 2) and affix the no-prewash decals to the instruction sign.
5. TWO RINSES (if no connector is present at X74 of the timer): Apply one of the jumper clips, supplied in the kit, between terminals X74, pin 2 and X74, pin 3.
6. LOW/HIGH LEVEL, HIGH LEVEL: option not available.
7. NO COOL DOWN: option not available.

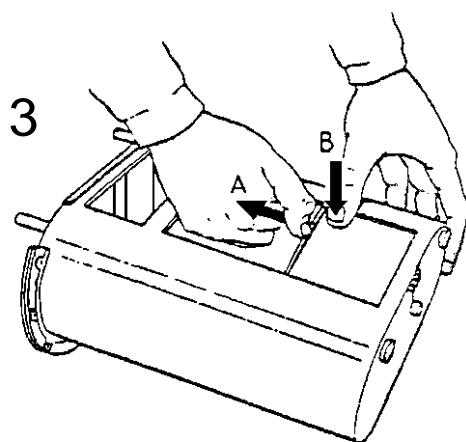
SOAP BOX INSERT INSTALLATION



1
Slip the compartment cover, under the edges of the soap box, with the notch in the cover facing the front of the washer.



2
Push the cover toward the front of the machine so that it completely covers compartment 1 of the soap box.



3
Pull the dividing wall, between compartments 1 and 2 of the soap box, gently rearward, allowing the compartment 1 cover to lock in place.

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