



## TECHNICAL INFORMATION TI 1069A

### INSTRUCTIONS FOR CONVERTING W75-125 WASHERS FROM POWDER TO LIQUID SUPPLIES ON MACHINES EQUIPPED WITH TIMER PART NUMBER 897811 OR 897812 (or later).

**WARNING:** THESE 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, OR PERSONS UNFAMILIAR WITH WASCOMAT LAUNDRY MACHINES, SHOULD REFER SERVICING TO QUALIFIED PERSONNEL.

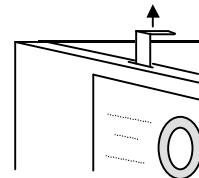
**MACHINES AFFECTED:** W75, 105, and 125 washers equipped with timer 897811 or 897812, and factory-configured for powdered laundry supplies.

**PARTS REQUIRED:** 1 - Powder to Liquid Conversion Kit 098731.  
1 - 990037 Top Mount Supply Manifold Kit

**1. DISCONNECT ELECTRICAL POWER FROM THE MACHINE.**

2. Remove the machine's top panel. Using a 2mm "allen" key, loosen the screw in the temperature-select knob and remove it. Remove the two slides, which secure the control cluster in place, by pulling them straight up. This will enable the timer and temperature selector switch to be moved back, so that their mounting screws can be accessed.

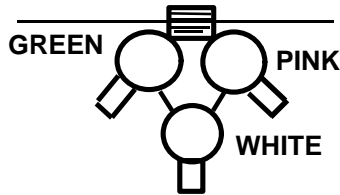
REMOVE 2  
SLIDES



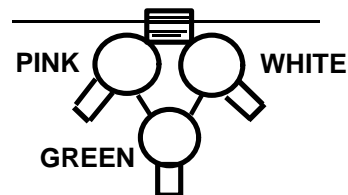
3. Remove all wiring connectors from the temperature-selector switch. Remove the two screws which hold the switch in place. Install the new temperature switch from the kit, using the two screws just removed. Connect the two harnesses from X77 and X76 on the timer, to X177 and X176, respectively, on the new temperature selector switch.
4. Remove the plugs from all of the water valves. Cut the wire ties that hold the water valve wire harnesses in place, and remove and discard these harnesses.
5. Locate the two four-wire harnesses from the kit. Plug these into connectors X85 and X86 on the new temperature selector switch. Connectors are keyed so that only one harness will fit each timer connector.
6. Locate the two wires coming from X85 pins 3 and 4 on the temperature selector. Connect the other end of this harness to the pink coil on the cold water valve. Locate the two wires coming from X85 pins 1 and 2 on the temperature selector. Connect the other end of this harness to the green coil on the cold water valve.

Remove all three coils from the **COLD** water valve, leaving the wiring connected. Do this by prying up gently on the metal part of the coils with a screwdriver, then pull upwards, while twisting the coil. Change the coil configuration to the following "NEW CONFIGURATION":

**ORIGINAL CONFIGURATION**



**NEW CONFIGURATION**

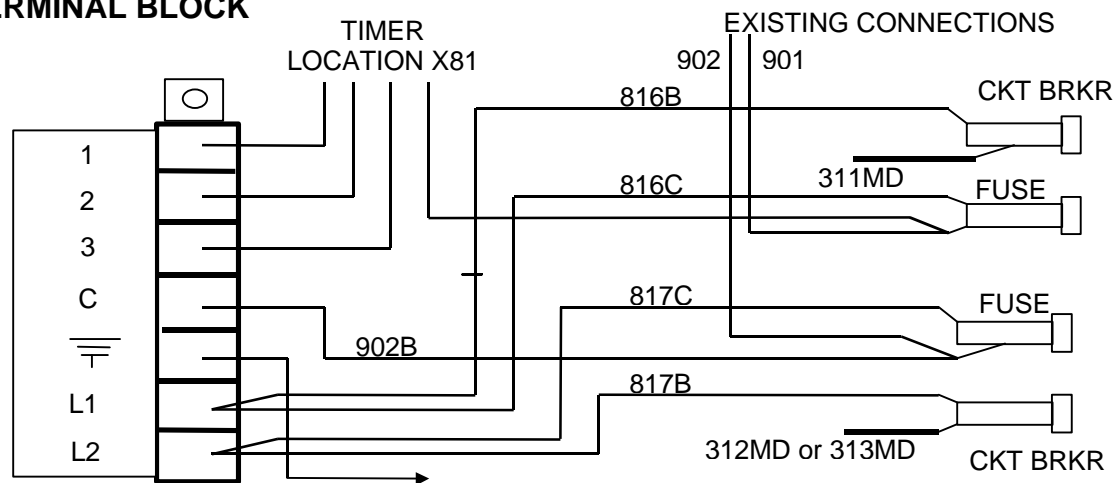


7. Locate the two wires coming from X86 pins 1 and 2 on the temperature selector. Connect the other end of this harness to the green coil on the **HOT** water valve. Locate the two wires coming from X86 pins 3 and 4 on the temperature selector. Connect the other end of this harness to the pink coil on the **HOT** water valve. As in step 5, remove all the coils on the hot water valve, and configure them as shown above under **ORIGINAL CONFIGURATION**.
8. Connect the plug from the harness with the terminal block attached, to the empty connector X81, which is located at the bottom-front of the timer. The harness wires should face to the right when connected.
9. Install the 7 position liquid supply signal terminal block, provided in the kit, at the rear of the washer, to the right of the main-power terminal block. Note that one end of the new terminal block has two locking tabs, which will fit into a receptacle at the base of the terminal-block mounting plate on the machine. Use the screw provided in the kit to secure the top of the terminal block to the mounting plate. Affix the label for the liquid supply terminal block.
10. Connect the green and yellow striped wire from the new terminal block, to a vacant ground terminal on the main power terminal block.
11. Remove and retain the two screws that hold the fuse-holder bracket in place at the rear of the washer. Loosen the large nuts which secure the fuse holders to the bracket. Remove and discard the bracket. Install the two fuse holders in two of the slots on one side of the new fuse holder bracket supplied in the kit, such that they will be on the bottom of the bracket, once it is installed in the machine. Tighten the large securing nuts on the fuse holders (**DO NOT OVER-TIGHTEN**). Install the two six-Amp circuit breakers, side-by-side, in the two remaining slots in the fuse holder bracket. Using the original screws, install the new fuse holder bracket in the machine, with the circuit breakers on top, and the fuse holders on the bottom.
12. Locate wire 901 on one of the two fuse holders. Remove this wire from the fuse holder terminal, and connect, in its place, wire 901B from the new harness (which was connected to location X81 of the timer in step 2). Re-connect wire 901 to the fuse holder, using the "piggy-back" terminal on the end of wire 901B.
13. Remove wire 311MD from the other terminal of this fuse holder and connect, in its place, wire 816C from the new terminal block. Connect wire 311MD to the top

terminal on the circuit breaker directly above the fuse holder from which this wire was just removed.

14. Locate wire 902 on the other fuse holder. Remove this wire from the fuse holder terminal, and connect, in its place, wire 902B from the new terminal block. Re-connect wire 902 to the fuse holder, using the "piggy-back" terminal on the end of wire 902B.
15. Remove wire 313MD (**312MD on single-phase washers**) from the other terminal of this fuse holder and connect, in its place, wire 817C from the new terminal block. Connect wire 313MD (or 312MD on single-phase washers) to the top terminal on the circuit breaker directly above the fuse holder from which this wire was just removed.
16. Connect wire 816B, from the new terminal block, to the remaining vacant terminal on that circuit breaker to which wire 311MD was connected in step 7.
17. Connect wire 817B, from the new terminal block, to the remaining vacant terminal on that circuit breaker to which wire 313MD (312MD on single-phase washers) was connected in step 9.

#### TERMINAL BLOCK



TO GROUND TERMINAL ON MAIN POWER TERMINAL BLOCK  
**USE L1 AND L2 TERMINALS FOR INJECTOR POWER ONLY IF INJECTOR REQUIRES THE SAME LINE VOLTAGE AS THE WASHER!! MAXIMUM LOAD 5 AMPS.**

18. Re-install the top panel of the machine.
19. Restore power to the washer. Run the washer through a test cycle and check for proper operation and leaks. Verify that the liquid supply trigger signals are present during the prewash (signal 1), mainwash (signal 2), and final rinse (signal 3). Also verify that compartment 2 of the soap box is flushed during the prewash, mainwash and final-rinse fills.

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