Wascomat / Aqua Clean

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TECHNICAL INFORMATION
TI 1076

INSTRUCTIONS FOR CONVERTING W 185 WASHERS FROM POWDER TO LIQUID SUPPLIES ON MACHINES EQUIPPED WITH TIMER PART NUMBER 897812&22

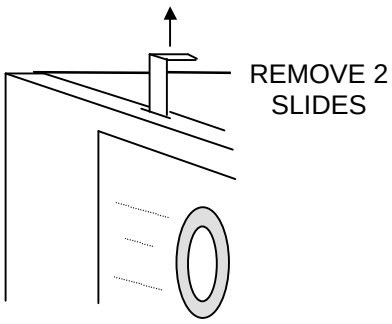
WARNING: THESE INSTRUCTIONS ARE INTENDED TO ASSIST QUALIFIED, EXPERIENCED SERVICE PERSONNEL ONLY! IMPROPER SERVICING OF MACHINERY MAY RESULT IN HAZARDOUS CONDITIONS, PERSONAL INJURY, AND LOSS OF LIFE OR PROPERTY. PERSONS NOT TRAINED, OR PERSONS UNFAMILIAR WITH WASCOMAT LAUNDRY MACHINES, SHOULD REFER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

MACHINES AFFECTED: W 185 washers equipped with timer 897812 or 897822, and factory-configured for powdered laundry supplies.

PARTS REQUIRED: 1 - Powder to Liquid Conversion Kit 098741.

PARTS RECOMMENDED: 1 - 990037 Top Mount Supply Manifold Kit

1. **DISCONNECT ELECTRICAL POWER FROM THE MACHINE.**
2. Remove the machine's top panel. Locate connector X81 at the bottom-front of the timer circuit board. Plug the four-wire connector, on the wiring harness included in the kit, into this location (X81), with the wires facing away from the soap box (To gain easier access to location X81 of the timer, remove the two retaining slides which hold the timer and rotary switch-mounting plate in place, then tilt the plate rearward).



3. Install the 7 position terminal block, provided in the kit, at the rear of the washer, to the right of the main-power terminal block. One end of the new the terminal block has two locking tabs, which will fit into a receptacle at the base of the terminal-block mounting plate. Use the screw provided in the kit to secure the top of the terminal block to the mounting plate.
4. Connect the green and yellow striped wire from the new terminal block, to a vacant ground terminal on the main power terminal block.

Note: Steps 5 thru 12 - Fuse holders and circuit breakers are fragile! Use gentle force.

5. Remove and retain the two screws which 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 edge 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

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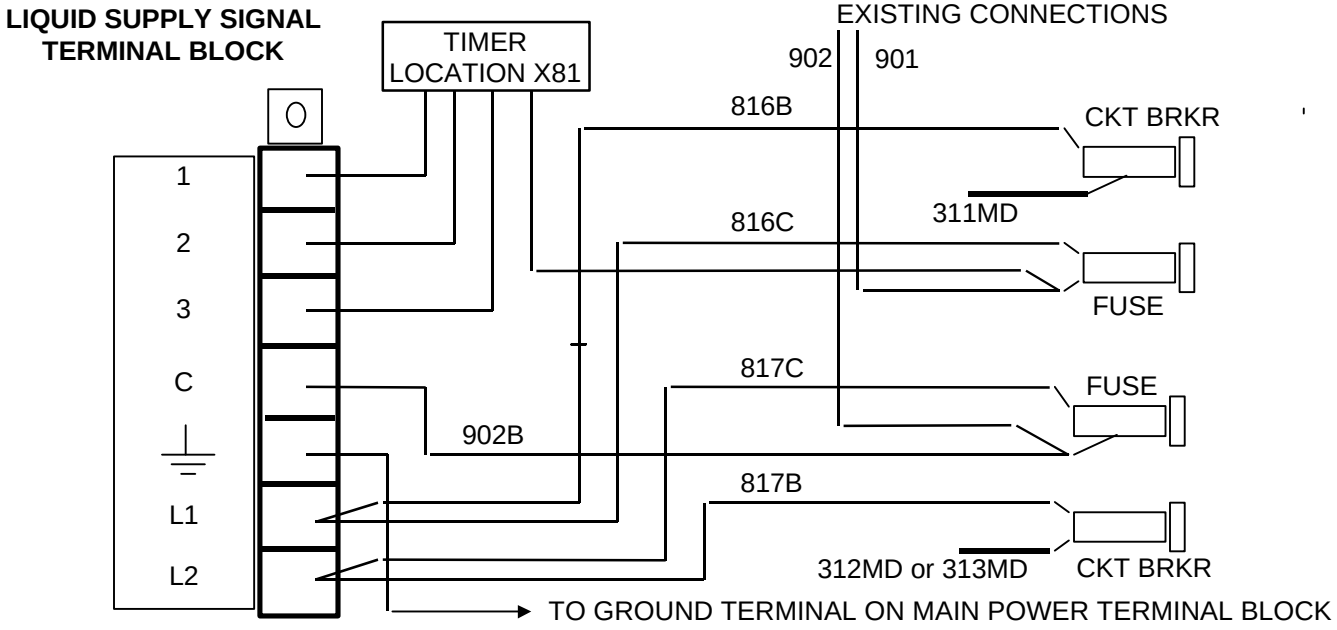
bracket. Using the original screws, install the new fuse holder bracket in the machine, with the circuit breakers on top, and the fuse holders on the bottom.

6. 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.
7. 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.
8. 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.
9. 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.
10. 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.
11. 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.



USE L1 AND L2 TERMINALS FOR INJECTOR POWER ONLY IF INJECTOR REQUIRES SAME LINE VOLTAGE AS WASHER! MAXIMUM LOAD - 5 AMPS.

12. Affix the label, included the kit, next to the terminal block as shown in the above illustration.

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13. Remove the two hoses attached to the #2 compartment spray tube of the soap box. Using one of the two “Y” fittings included in the kit, and the clamps just removed, connect the two hoses together. Connect one of the short hoses in the kit to the outlet of the “Y” fitting, using one of the clamps provided. Connect the free end of this short hose back to one fitting on the compartment #2 spray tube.
14. Repeat step 14 for the hose connected to the compartment #1 spray tube and the compartment #3 spray tube of the soap box, again connecting the short piece of hose back to the remaining vacant fitting on the COMPARTMENT #2 spray tube (this leaves the compartment #1 spray tube and the compartment #3 spray tube with no hoses connected to it).
15. Secure the wires in the new harness, using the cable ties supplied.
16. Re-install the top panel of the machine.
17. 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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