

Wascomat / Aqua Clean

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TECHNICAL INFORMATION TI-1052A

INSTRUCTIONS FOR INSTALLING SET-O-MATIC DROP COIN METER ON "W" AND "EMERALD" SERIES 75, 105, 125, 185 AND 244 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: "W" and "EMERALD" series 75, 105, 125, 185 and 244 washers

PARTS REQUIRED: For "W" series (fixed-program, electro-mechanical timer) machines:
Drop coin meter 080372 (110 volt)
Drop coin meter 080373 (220 volt)

OR:
For "EMERALD SERIES" (electronic-timer) machines:
Coin acceptor 080460

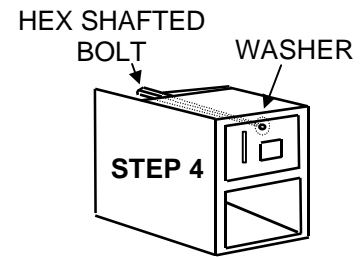
INSTRUCTIONS:

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

2. Remove the machine's top panel.

3. If present, remove and discard the coin funnel.

4. Insert the coin acceptor into the top opening on the front of the coin meter housing. For some earlier Set-O-Matic meters, a coin meter housing adapter plate is required for mounting. Secure the acceptor in place from the inside with the long hex-shafted bolt and washer provided.

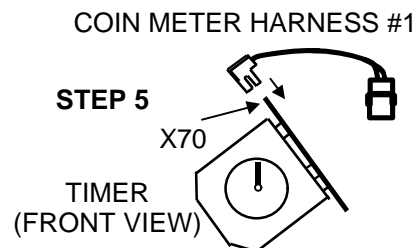


ELECTRICAL CONNECTIONS:

For all "W" series (fixed-program, electro-mechanical timer) machines, use steps 5 through 13. For "EMERALD SERIES" (electronic timer) machines, go to step 14.

5. For W244 only, go to step 6.

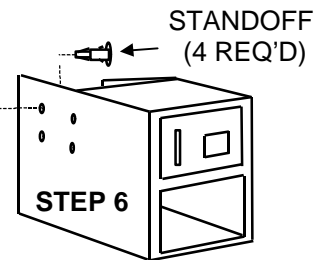
For all other models, connect the five-position card-edge connector, on coin meter harness #1, to location X70 on the timer. Note that although the connector is keyed, it will fit on the timer circuit board two different ways. Install the harness as shown, with the wires facing toward the coin meter.



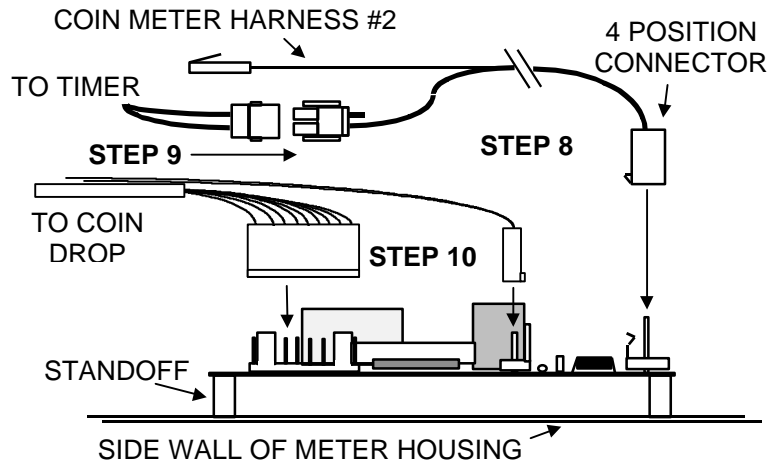
6. Locate the four holes, in the side wall of the coin meter housing, which match with the meter circuit card's mounting holes. Insert the four circuit card standoffs (supplied) into these holes

from the inside of the meter housing. Press firmly to insure that the standoffs lock into the meter housing wall.

7. Align the holes in the coin meter circuit card with the standoffs installed in step 6 (orient the coin meter circuit card so that the dip switches are easily accessible after mounting). Push the coin meter circuit card onto the four standoffs. Press firmly to seat, taking care to avoid damaging the circuit card.



8. Plug the four-position female connector, on coin meter harness #2, into the four-position male plug on the coin meter circuit card. Insure proper orientation of the connector, as shown.

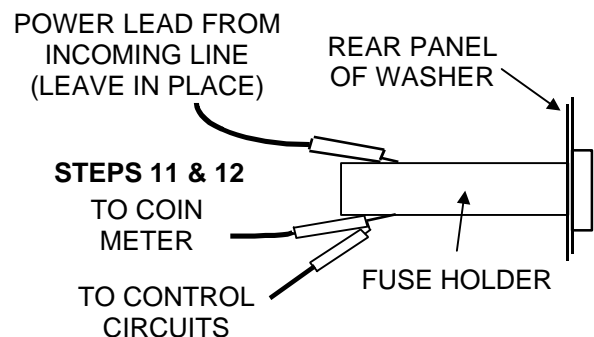


9. On W244 washers, plug the six-pin plug on coin meter harness #2 into the matching coin meter plug in the control tray of the washer. On other models, connect together the six-pin plugs on the two coin meter harnesses. Insure that the locking tabs on the connectors properly engage.

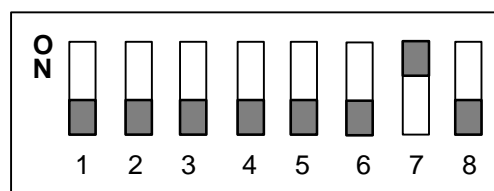
10. Plug the two wiring harnesses, from the coin acceptor, into their mating connectors on the coin meter circuit card, insuring proper orientation, as shown.

11. Connect the black lead, from the four-position connector on the coin meter circuit card, in place of that wire (typically #901) which is connected to the LOAD SIDE of the line 1 control circuit fuse holder. Connect the wire removed from the fuse holder to the piggyback spade on this black wire.

12. Connect the red (220 volt units) or white (115 volt units) wire, from the four-position connector on the coin meter circuit card, in place of that wire (typically #902) connected to the LOAD SIDE of the line 2 control circuit fuse holder. Connect the wire removed from the fuseholder to the piggyback spade on this coin meter wire. On 110 volt machines with only one control circuit fuse, connect the white wire from the coin meter to the neutral terminal on the incoming power terminal block at the rear of the washer.



13. To select the desired number of coins required to start the washer, set the "DIP" switches on the meter circuit card according to the table,. Set switch #7 **ON** and switch #8 **OFF**.



CONTINUE WITH STEP 15

SWITCH #	1	2	3	4	5	6
COINS TO START	1	2	4	8	16	32

STEP 14 APPLIES TO "EMERALD SERIES" ELECTRONIC-TIMER MACHINES ONLY:

14. If the coin acceptor has ORANGE, BROWN, RED and BLUE wires, connect these wires to the terminal block on the coin meter housing as follows:

The RED wire to terminal "1"

The ORANGE wire to terminal "2"

The BROWN and BLUE wires to terminal "3"

If the coin acceptor has BLACK, YELLOW, RED and BLUE wires, connect these wires to the terminal block on the coin meter housing as follows:

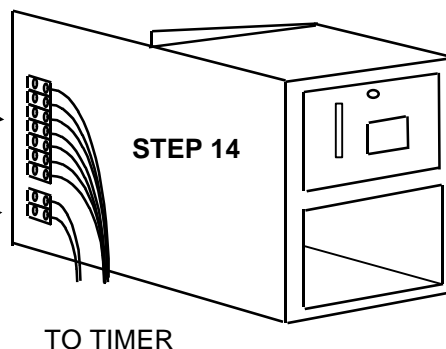
The YELLOW wire to terminal "1"

The BLACK wire to terminal "2"

The RED and BLUE wires to terminal "3"

CONNECT COIN METER TO 7
POSITION TERMINAL BLOCK AS
INSTRUCTED.

LINE VOLTAGE TERMINALS!
(INSTALLED ON SOME MODELS)
MAKE NO CONNECTION!!



15. Replace the machine's top panel
16. Restore power to the machine. On "Emerald Series" machines, program the electronic timer for the desired amount to start (see Operating and Maintenance Manual for your machine).
17. Test the coin meter and return the machine to service.

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(TI-1052A) 7/96