

Wascomat / Aqua Clean

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TECHNICAL INFORMATION

TI-1063A

INSTALLING AND SERVICING MOTORIZED COIN MECHANISMS NO. 080292 or 080298 (110V) AND NO. 080293 or 080299 (220V)

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

MACHINES AFFECTED: All Coin-Metered Machines equipped with electromechanical timers

PARTS REQ'D: For "short" meter housing 891103: coin meter 080292 (110V) or 080293 (220V).

For "long" coin meter housing 408801: coin meter 080298 (110V) or 080299 (220V).

NOTE: Optional mounting bracket number 080310 can be used to mount 080292 or 080293 mechanisms on 408801 "long" meter housing.

For W73, 123 and 183 only: harness adapter 400998

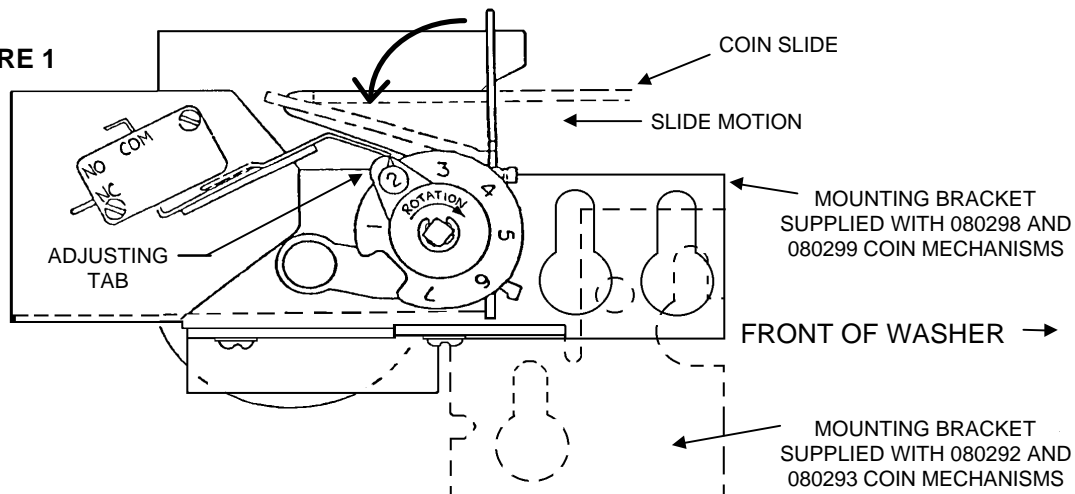
For W75, 105, 125 and 185: harness 301935 for timer connector X70 (if not installed).

For W620, 630, 640, 655 and 675: harness 432308610 for X21 (if not installed).

INSTALLATION INSTRUCTIONS:

1. **DISCONNECT ELECTRICAL POWER FROM THE MACHINE.**
2. When replacing an existing coin-mechanism, disconnect the mechanism's connector plug, loosen the mounting screws, and remove the original mechanism.
3. Using the screws supplied, install the new coin mechanism on the inside wall of the coin meter housing (Figure 1).

FIGURE 1



4. Make electrical connections to the washer as follows:
 - On W73, 123 and 183: Use adapter 400998 to connect the coin mechanism to the coin meter harness plug in the control tray.
 - On W74, 124, 184: and 244: Connect the coin mechanism directly to the plug in the control tray.
 - On W75, 105, 125 and 185: Connect the coin mechanism to the harness which goes to connector X70 on the timer. If this harness is present but not installed, connect it to X70 on the timer with its wires facing towards the coin mechanism (to the right when viewed from the front). If this harness is not present, install a new harness, part number 301935 (available separately).
 - On W620, 630, 640, 655 and 675: Connect the coin meter wiring harness (provided with the washer) to position X21 on the timer, with its wires facing away from the coin mechanism (to the left when

viewed from the front). Connect the coin mechanism to the other end of this harness. If this harness is not present, order part number 432308610.

5. Use a self-tapping screw and lockwasher to connect the GREEN ground wire (from the coin mechanism) to an unpainted surface on the chassis of the washer. One of the vacant holes in the galvanized control tray serves this purpose well.
6. Move the adjusting tab on the coin mechanism to the desired number of coin insertions by lifting the adjustment tab away from the cam with your index finger, and move it so that the number of insertions desired appears in the hole in the tab. Make sure the tab locks into place in its new position.
7. Turn the cam clockwise until the switch lever arm is on top of the adjustment tab (Figure 3). Use an Ohmmeter to verify that both mechanism switches are open.

FIGURE 2

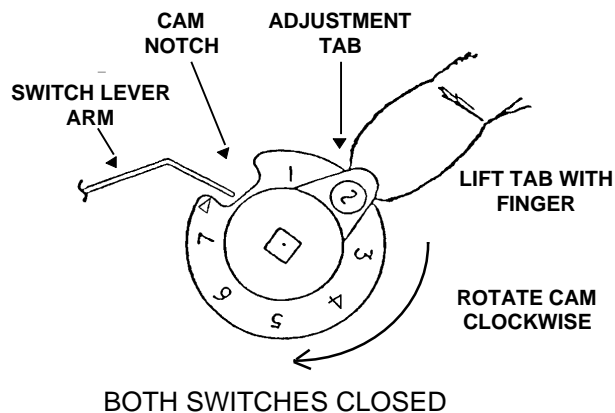
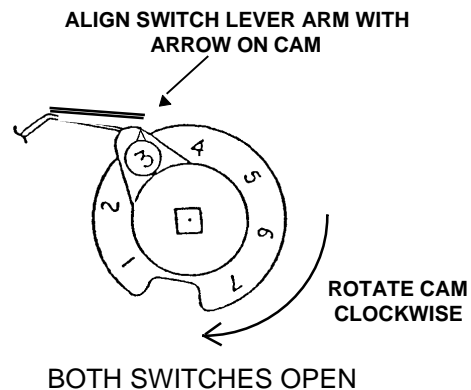


FIGURE 3



- 8A. For: W73, 123 and 183, move wire 45 from timer terminal 3a to timer terminal 1b.
- 8B. For: W74 up to serial #8403/43459, W124 up to serial #8404/17481
W184 up to serial #8404/10340, W244 up to serial #8403/02625:
move wire 57 from timer terminal 3a to terminal 1b. On later machines, verify that wire 57 is already on timer terminal 1b.
9. Restore electrical power to the machine and test.

COIN MECHANISM ADJUSTMENT INSTRUCTIONS

1. Disconnect power from the machine.
2. Replace defective components on the coin mechanism, as required. During assembly, tighten the switch mounting screws "finger tight". Push the two switches upward all the way.
3. Rotate the cam clockwise until the arrow on the adjusting tab lines up with the edge of the switch lever arm (Figure 3 above).
4. Hold the cam stationary and slowly push switches downward until the inside "homing" switch clicks open. Use a continuity tester to check for proper switch activation.
5. Tighten both switch mounting screws securely.
6. Rotate the cam clockwise until the switch lever arm drops into the cam notch. Continue to turn the cam slowly, and check that the outside ("start") switch opens when the arrow on the cam (near notch) lines up with the edge of the switch lever arm (Figure 2 above). Using small pliers, carefully bend the switch lever arm (up or down), at the existing bend point, to obtain this condition.
7. After any adjustments (bending), recheck top switch for proper activation.

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