



TECHNICAL INFORMATION

TI-1077A

INSTALLING COIN-START SYSTEM ON MODEL WE-16 WASHER / EXTRACTOR

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.

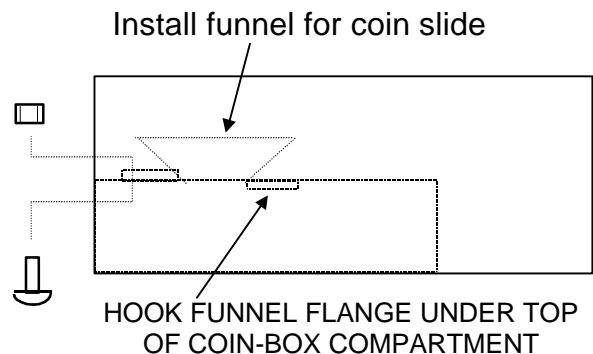
MACHINES AFFECTED: All WE-16 coin-metered machines

PARTS REQ'D: Coin drop kit 080027
or Coin slide kit 080028 (Greenwald brand slide)
or Coin slide kit 080029 (ESD brand slide)

TOOLS REQ'D: Standard screwdriver
T-20 "Torx" type screwdriver
Adjustable wrench
9/16 and 8mm sockets and driver

INSTALLATION INSTRUCTIONS:

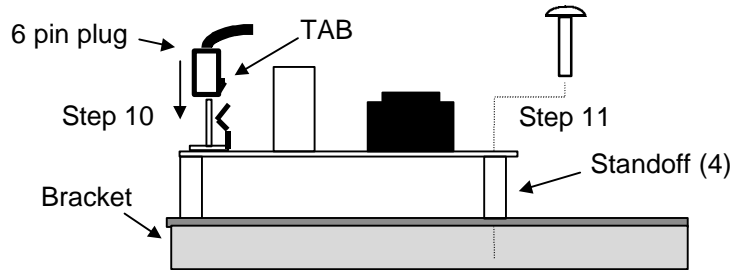
1. Install the washer in accordance with the installation and operating manual which accompanies the machine.
2. **DISCONNECT ELECTRICAL POWER FROM THE MACHINE.**
3. If a coin slide is being installed, install the coin funnel in the upper compartment of the coin meter housing, using the nut and bolt supplied with the funnel. Be sure that the flange at the rear of the funnel hooks under the top of the coin box compartment, as shown.
4. Using a T-20 "Torx" driver, remove the four screws at the rear of the washer, which secure the top panel in place, and remove the top panel from the machine.
5. Place the foam-rubber meter housing cushion on the top panel, and align the five mounting holes. Insert one meter-housing mounting bolt at a time, with lockwasher, through the top panel (and cushion) from the under-side, and loosely thread each into the corresponding tapped hole in the bottom of the coin meter housing. Tighten all four bolts securely.
6. Use the key to remove the access door from the coin meter housing. Note the three small holes in the right side of the housing. These will be used to mount the coin-meter control in a later step.
7. Using the original screws removed in step 4, re-install the top panel of the washer, feeding the washer's coin-meter wiring harness (with the green ground wire) through the top-panel hole, into the meter housing.



8. Assemble the 3/8" security nut (provided in the washer's literature package) onto the security bolt in the rear compartment of the meter housing. Tighten this nut securely.
9. Insert the coin meter (drop or slide) into the top opening in the front of the coin meter housing. Check to see that the retainers on the rear of the meter properly lock into the slots in the meter housing opening. Secure the coin meter in place with the hex-shafted bolt and lock-washer provided.

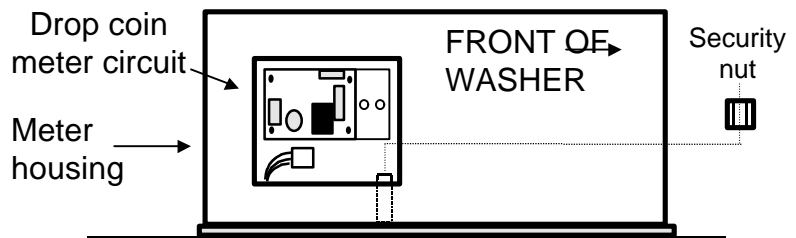
FOR MACHINES BEING EQUIPPED WITH A DROP-COIN METER, CONTINUE WITH STEP 10. FOR MACHINES BEING EQUIPPED WITH A COIN SLIDE, CONTINUE WITH STEP 14 .

10. Connect the coin meter power harness to the six-pin connector on the coin meter circuit board. BE CAREFUL TO PROPERLY ORIENT THE TAB ON THE SIX PIN PLUG, as shown.



11. Mount the coin meter circuit-board onto the mounting bracket in the kit, as shown, using the four standoffs and four #6-32 screws provided. Securely tighten these screws.

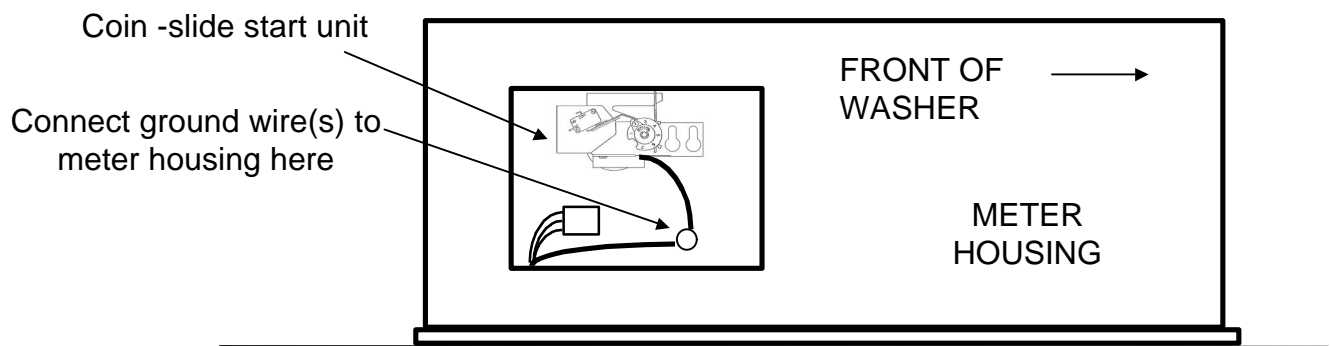
12. Mount the circuit board and bracket into the coin meter housing, using the two #10-32 screws supplied in the kit.



13. Connect the two cables from the coin meter, to the corresponding connectors (10 pin and 4 pin) on the coin-meter circuit board, again carefully observing proper connector orientation.

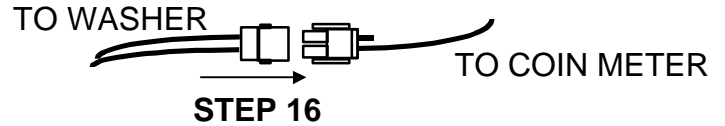
CONTINUE WITH STEP 15

14. Install the coin-slide start unit into the coin meter housing, using two of the #10-32 screws supplied. Insert quarters into the coin slide and push it in. Check that the slide properly engages the activating arm on the start unit. If necessary, bend the slide extension slightly (up or down), so that the slide operates smoothly.



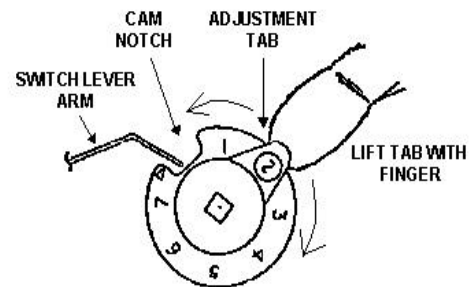
15. Using the remaining #10 screw supplied, connect the eyelet on the end of the green ground wire, which comes from the washer, to the coin meter housing, along with the green ground wire from the coin-slide start mechanism (If a Set-O-Matic coin drop is being installed, connect the ground wire from the washer alone).

16. Connect the coin meter electrical harness. This six-pin connector, will mate in only one orientation. Check that the locking tabs on the connectors properly lock. If installing a coin-slide, also connect the start unit's ground wire to the remaining tapped hole in the side of the coin meter housing, using the supplied screw.

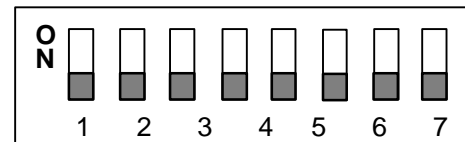


17. Set the desired wash price, as follows:

On coin-slide equipped machines, set the required number of slide pushes needed to start the machine, by moving the push-count selector cam on the side of the start mechanism. (The amount to start will be the number of pushes shown in the selector's hole, multiplied by the number of quarters required per push).



On coin-drop equipped machines, the amount to start is set using "DIP" switches on the coin-meter circuit board. Set the switches, according to the table, for the desired number of coins required to start the machine. EAXMPLE: setting switches 1(1 coin) and 3 (4 coins) to ON would equal 5 coins required to start the machine.



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

18. If a coin slide has been installed, rotate the numbered dial, in the clockwise direction, so that the switch lever arm is resting on the highest part of the cam (on top of the push-count selector lobe).
19. Plug the washer in, and check that the coin meter operates properly, as follows:
 - Close the washer door and verify that the machine will not start when the Start Button is depressed.
 - Open the washer door.
 - Satisfy the required amount to start.
 - Verify that the machine will not start when the Start Button is depressed (the doorlock will "click").
 - Close the washer door and verify that the machine starts when the Start Button is depressed.
 - On coin slide mechanisms, verify that the coin meter cam automatically rotates back to the initialized position (switch lever arm resting on push-count setting lobe), and then stops.
20. Re-install the coin meter housing access door, checking to see that the wiring harness will not interfere with operation of the coin meter. Place the machine in service.

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