



REAR OF SUITMATE
(SHOWN WITH COVER REMOVED FROM MICROSWITCH BOX)

MICROSWITCH ADJUSTMENT PROCEDURE

Depress the Lid on the top of the unit and listen for the faint click (activating) of the Microswitch. If the Microswitch does not activate or if it activates before the Lid is $\frac{1}{4}$ inch from being fully depressed, there is probably a problem with the alignment of the Microswitch. The following procedure will solve the alignment problem. Please consult the illustration (found on opposite page) showing the back of the SUITMATE® unit to identify the parts that you will need to recognize.

REMOVAL OF DEFECTIVE SUITMATE® UNIT

1. Shut off power to the SUITMATE circuit at the power panel.

CAUTION *Make sure the main electrical power to the unit is turned off before beginning work on the SUITMATE® unit.*

2. If the SUITMATE® unit was installed with hard plumbing (P-trap), disconnect the waste outlet from the unit.
3. Remove the cover of the weatherproof Junction Box which contains the GFCI; remove the GFCI mounting screws; disconnect the power feed lines from the GFCI terminals marked "LINE" and disconnect the ground wire. Leave the GFCI fastened to the unit. Retain the weatherproof Junction Box cover and mounting screws, and the GFCI mounting screws, for reinstallation.
4. Disconnect the power feed liquid tight raceway from the Junction Box.
5. Remove the lower fasteners anchoring the unit to the wall.
6. Remove the SUITMATE® from the Mounting Bracket by firmly grasping the sides of the Case bottom and gently lifting straight up until the unit clears the upper back lip of the Mounting Bracket. Take the unit to a work bench.

CHECKING MICROSWITCH ALIGNMENT

1. Locate the Microswitch Box.
2. Remove the Microswitch Box cover by unscrewing the two screws. Set these parts aside for reassembly later.

NOTE: *Older units may have rivets instead of screws.*

3. With the cover removed, the Microswitch is revealed. Push the Lid down on the top of the unit to determine if the Riser Cable that runs from the top of the unit to the Microswitch arm is pulling up on the arm. If there is no movement, the actuator screw in the top may be broken. Please call Extractor Corporation at 800-553-3353 and explain your problem.
4. If the Riser Cable does pull up on the Microswitch arm, then the alignment can be adjusted. First, push the Lid down; the Microswitch should NOT activate (click) until the Lid is approximately $\frac{1}{4}$ inch from being totally depressed. Adjust the alignment by tightening (clockwise-will activate sooner) or loosening (counter-clockwise-will activate unit later) the turnbuckle on the bottom of the Riser Cable until the proper adjustment is obtained.
5. Provide power to the unit and, to make sure that it is functioning properly, test it.
6. Disconnect the power to the unit.
7. Replace the Microswitch Box cover by fastening it with the two screws saved in step 2 above.

REPLACE THE SUITMATE® UNIT

Return the SUITMATE® unit to its proper location and reconnect the unit by reversing the above procedure.

*If you have further difficulties or want additional information,
please call Extractor Corporation at 800-553-3353.*

TROUBLESHOOTING GUIDE

If you are having problems with your SUITMATE® unit please read through the numbered questions to see if the condition you are experiencing is described and answer the questions that relate to that question. If you are still having difficulty or wish to participate in the Exchange Program, call the Extractor Corporation at 800-553-3353.

- 1.. IS THE UNIT DEAD? NO SOUND, HUM, ETC., WHEN THE LID IS HELD DOWN?
 - NO Go to Question 2.
 - YES Is there power to the unit?
 - YES Go to Question 1.A
 - NO To make sure there is power to the unit, use an A.C. voltmeter set to the appropriate range and measure across the "LINE" side of the GFCI.
 - 1.A Is the GFCI tripped out?
 - YES Reset the GFCI by pressing the red button
 - NO Go to Question 1B
 - 1.B Is the Micro switch working?

Test the Micro switch by slowly depressing the Lid and listening for a faint click.

 - YES There is some other problem with the unit and an Exchange may be recommended.
 - NO The Micro switch might be out of adjustment. Please call Extractor Corporation for Micro switch adjustment instructions (800) 553-3353
- 2.. DOES THE UNIT HUM, BUT NOT OPERATE WHEN THE LID IS HELD DOWN?
 - NO Go to Question 3.
 - YES Does the Basket spin freely? Test by lifting the lid to its open position and while depressing the brake rods try to spin the basket.
 - YES There is some other problem with the unit and an Exchange may be recommended.
 - NO Something may be obstructing the Basket. Pull the Basket to the side and, with a flashlight, look for an obstruction. Remove the obstruction. If the obstruction cannot be removed, an Exchange may be recommended.
- 3.. DOES THE UNIT LEAK?
 - NO Go to Question 4.
 - YES There is probably an obstruction of the drain hose or drain channel. Remove the drain hose and make sure it is not plugged. The drain channel is a two-inch U-channel that runs around the perimeter of the interior of the unit. Check for an obstruction by pulling the Basket to the side and, with a flashlight, look for something blocking the drain channel or hose. If foreign objects or debris are found, remove them with a coat hanger or other implement. If the unit still leaks an Exchange may be recommended.
- 4A. IS THE UNIT A SELF TIMED UNIT?

(This can be determined by checking the wall sign and lid label instructions)

 - NO Go to Question 4b
 - YES The unit will shut down after approximately 8 seconds and reset itself in seconds. If the unit does not shut down or reset itself, the timer may be faulty and an Exchange may be required.

4B. DOES THE UNIT OPERATE INTERMITTENTLY?

NO Go to Question 5.

YES Does the Basket spin freely? Test by lifting the lid to its open position and while depressing the brake rods try to spin the Basket.

YES The Motor Thermal Breaker may be faulty.

NO There may be a partial obstruction of the Basket causing the Motor to overheat and the Motor Thermal Breaker to kick out. Pull the Basket to the side and, with a flashlight, look for an obstruction. Remove the obstruction. If the obstruction cannot be removed, an Exchange may be recommended.

5. DOES THE GFCI KEEP TRIPPING OUT?

NO Go to Question 6.

YES Is the unit connected to a 115 volt 20 ampere 60Hz dedicated circuit?

NO Provide a 115 volt 20 ampere 60Hz dedicated circuit.

YES The GFCI may be faulty. Check the GFCI with an AC Voltmeter set to the correct range, or by bypassing the GFCI. If the unit does not kick out the main circuit breaker when bypassing the GFCI, the GFCI is probably faulty and should be replaced. If the GFCI is not faulty, an Exchange may be recommended.

6. DOES THE UNIT MAKE EXCESSIVE NOISE?

YES

1. The unit may have a broken shock mount. Test by lifting the lid to its open position and try pushing the Basket to the side and in various directions. If the Basket "flops" in one or more directions it indicates a broken shock mount, an Exchange may be recommended.

2. The unit may have worn or damaged motor bearings. Test by lifting the lid to its open position and while depressing the brake rods try to spin the basket. If the Basket spins freely (and is not noisy) motor bearings are not the problem.

3. The unit may not be operated properly. Test by putting a swimsuit in the Basket. Push the swimsuit all the way down making sure that the material is evenly distributed in the bottom of the Basket. Operate the unit. If the unit is still noisy an Exchange may be recommended.

NO.

If these questions have not led to a satisfactory answer to the problem with the SUITMATE® unit, Please call the Extractor Corporation at (800) 553-3353. We want you and your patrons to have the benefits of a smoothly operating SUITMATE® Swimsuit Water Extractor.

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