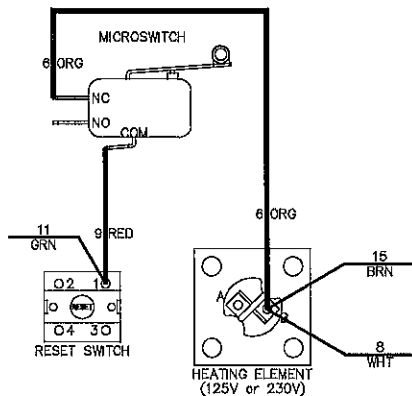
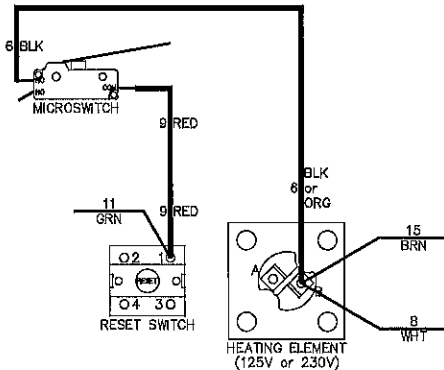


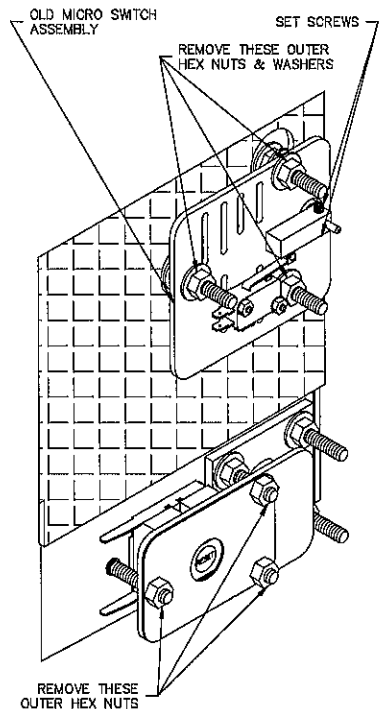
# INSTRUCTIONS, UPDATED MICRO SWITCH ASSEMBLY FOR MANUAL DISTILLERS



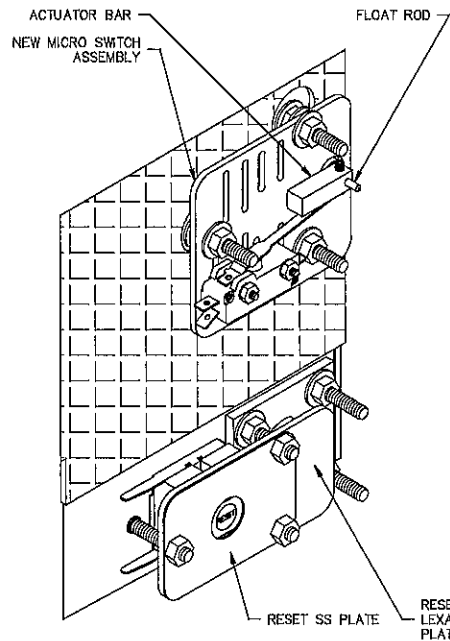
WIRING DIAGRAM OLD MICROSWITCH (BEFORE)  
SERIES 0002 TO 0014



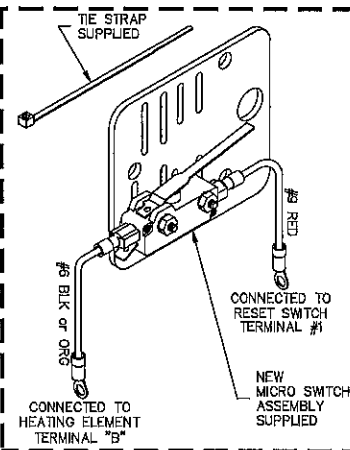
WIRING DIAGRAM NEW MICROSWITCH (AFTER)  
SERIES 0015 AND ON



FRONT OF THE BOILER WITH OLD MICROSWITCH (BEFORE)  
SERIES 0002 TO 0014



FRONT OF THE BOILER WITH NEW MICROSWITCH (AFTER)  
SERIES 0015 AND ON



### PARTS LIST

PART#	DESCRIPTION	QTY
1054011	WIRE TIE, 4"	1
095103	F250-#10R,BLK,9"	1
095104	F250-#10R,RED,7"	1
500392	MICROSWITCH ASSY	1

### TOOLS REQUIRED:

- \* 7/16" WRENCH OR A 7/16" DEEP SOCKET
- \* 5/16" NUT DRIVER OR SOCKET
- \* #2 RED ROBERTSON SCREWDRIVER
- \* #2 PHILLIPS SCREWDRIVER
- \* 5/64" ALLEN WRENCH

**CAUTION: ENSURE INPUT POWER (POWER CORD) IS DISCONNECTED BEFORE PROCEEDING WITH THIS PROCEDURE OR ANY OTHER MAINTENANCE.**

**CAUTION: THIS PROCEDURE OR ANY OTHER ELECTRICAL REPAIR OR MAINTENANCE SHOULD BE CARRIED OUT BY A QUALIFIED ELECTRICAL TECHNICIAN.**

### PROCEDURE:

1. TURN OFF THE POWER SWITCH AND UNPLUG THE DISTILLER FROM THE POWER OUTLET.
2. DRAIN THE BOILER TANK BY OPENING THE DRAIN VALVE LOCATED ON THE LEFT SIDE OF THE DISTILLER AND ALLOW THE DISTILLER TO COOL DOWN.
3. REMOVE THE FRONT COVERS (4 SCREWS) WITH THE #2 RED ROBERTSON SCREWDRIVER.
4. REMOVE ONE OF THE TIE STRAPS AROUND THE GREEN, ORANGE, YELLOW AND RED WIRES (BE CAREFUL NOT TO CUT THE INSULATION OR ANY WIRES).
5. REMOVE RESET COVER PLATES (3 NUTS) WITH A 7/16" WRENCH OR A 7/16" DEEP SOCKET.
6. USING A #2 RED ROBERTSON SCREWDRIVER, DISCONNECT THE #6 ORANGE WIRE ON THE RING END ONLY, LOCATED ON THE HEATING ELEMENT TERMINAL "B" AND REINSTALL WITH BLACK OR ORANGE WIRE FROM THE NEW MICRO SWITCH ASSEMBLY.
7. USING A #2 PHILLIPS SCREWDRIVER, DISCONNECT THE #9 RED WIRE ON THE RING END ONLY, LOCATED ON THE RESET SWITCH TERMINAL #1 AND REINSTALL WITH THE RED WIRE FROM THE NEW MICRO SWITCH ASSEMBLY.
8. REMOVE THE ACTUATOR BAR BY USING A 5/64" ALLEN WRENCH LOOSEN THE TWO SET SCREWS ON THE ACTUATOR BAR CAREFULLY DO NOT MOVE THE FLOAT ROD.
9. REMOVE THE MICRO SWITCH PLATE ASSEMBLY (3 HEX NUTS AND 3 FLAT WASHERS) WITH A 7/16" WRENCH OR 7/16" DEEP SOCKET.
10. REINSTALL THE NEW MICRO SWITCH PLATE ASSEMBLY AS SUPPLIED OVER THE 3 STUDS WITH THE SAME ORIENTATION AS PREVIOUSLY REMOVED.
11. REINSTALL THE ACTUATOR BAR BACK TO THE PREVIOUSLY LOCATION, MAKING SURE THE ACTUATOR BAR IS ABOVE THE MICRO SWITCH ARM AND ABOUT 1/16" TO 3/32" AWAY FROM THE SWITCH MOUNT PLATE WITH THE FLOAT ROD PUSHED OUT OF THE TANK AS FAR AS POSSIBLE AND THE FLOAT ASSEMBLY SHOULD PIVOT FREELY. TIGHTEN BOTH SET SCREWS EVENLY.
12. REINSTALL THE RESET SWITCH PLATES (LEXAN THEN STAINLESS STEEL) WITH THE SAME ORIENTATION AS PREVIOUSLY REMOVED.
13. SECURE ALL THE WIRES GREEN, BLACK, YELLOW AND RED WITH TIE STRAP SUPPLIED IN ORIGINAL LOCATIONS PREVIOUSLY NOTED. ENSURE ALL THE WIRES ARE NOT PINCHED, KINKED OR IN A POSITION THAT MAY CAUSE AN ELECTRICAL SHORT OR CONTACTING PARTS THAT GET HOT FROM THE BOILER DURING DISTILLER OPERATION. ENSURE ALL THE WIRES ARE RECONNECTED.
14. POUR WATER INTO THE BOILER TANK HALF FULL AND OPEN THE DRAIN VALVE AND LET IT DRAIN SLOWLY, KEEP YOUR EYES ON THE WATER LEVEL AND ON THE MICRO SWITCH, WHEN THE WATER LEVEL REACHES 3/4" TO 1" ABOVE THE HEATING ELEMENT, THE ACTUATOR BAR SHOULD SHUT OFF THE SWITCH AND YOU WILL HEAR THE SWITCH CLICK. IF THIS ISN'T THE CASE, YOU MIGHT NEED TO ADJUST THE MICRO SWITCH BY LOOSING THE 2 KEP NUTS ON THE MICRO SWITCH WITH A 5/16" NUT DRIVER OR 5/16" SOCKET, LIFTING THE SWITCH UP MEANS SHUTTING OFF EARLIER OR BY LOWERING THE SWITCH MEANS DELAYING SHUT OFF. REPEAT UNTIL YOU ARE SURE THE SWITCH TRIPS BEFORE THE WATER LEVEL IS BELOW THE HEATING ELEMENT. FAILURE TO DO SO WILL RESULT IN PREMATURE HEATING ELEMENT FAILURE.
15. REINSTALL THE FRONT COVER WITH 4 SCREWS, ALIGNING COVER BEFORE TIGHTENING.
16. CLOSE THE DRAIN VALVE LOCATED ON THE LEFT HAND OF THE DISTILLER.
17. PLUG IN THE DISTILLER.
18. FILL THE BOILER TANK TO THE BOTTOM OF THE WATER GAUGE PIN.
19. TURN THE POWER SWITCH ON AND PROCEED WITH A TEST RUN.

**TO CONTACT YOUR NEAREST AUTHORIZED SERVICE CENTER  
CONSULT YOUR DEALER OR SALESPERSON**

# DIAGRAM TO REINSTALL THE NEW MICRO SWITCH & RESET SWITCH PLATES FOR SERIES 0015 AND ON

