

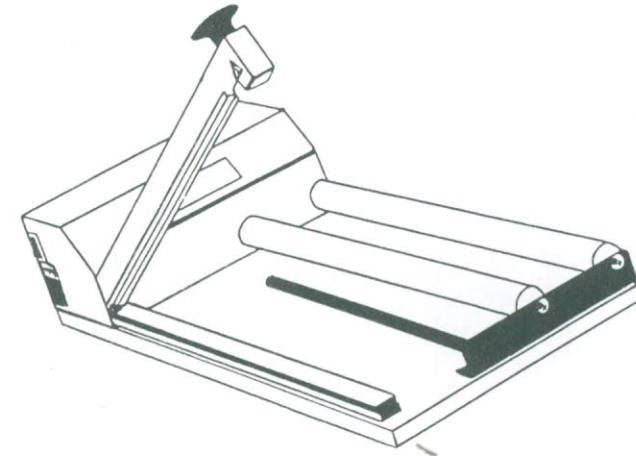
# SHRINK WRAP SYSTEM

## TROUBLESHOOTING

<u>Problem</u>	<u>Possible Cause</u>	<u>Action Required</u>
<b>Sealer Doesn't Heat</b>	Sealer not plugged in Power switch not on Broken heating element Bad element connection Switch screw bad adjustment Bad switch Bad timer PC board (rare) Bad transformer (rare)	Plug into 110-120v outlet Turn "on" Replace Clean terminals and tighten Adjust Contact your dealer Contact your dealer Contact your dealer
<b>Weak Seals</b>	Timer set too high or low Film sealed too tight  Film build-up on element  Seal bed rubber is pitted or Teflon worn Seal arm not held down firmly	Adjust timer (experiment) Leave a little extra film around product when sealing Clean element with a dull object (i.e. the loop of a paper clip) Install Teflon strip over heating element (note 1)  Replace Press arm down firmly

(Note 1) Installing Teflon strip over heating element will eliminate film build-up (and smoke and odor) but will require a slightly higher timer setting to obtain a good seal. A higher timer setting will slightly reduce heating element life.

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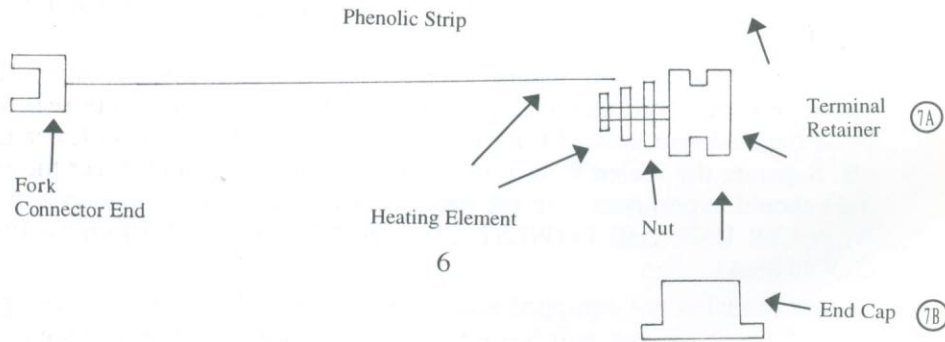
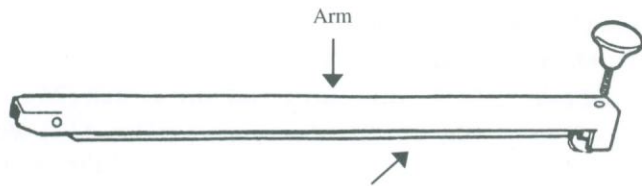
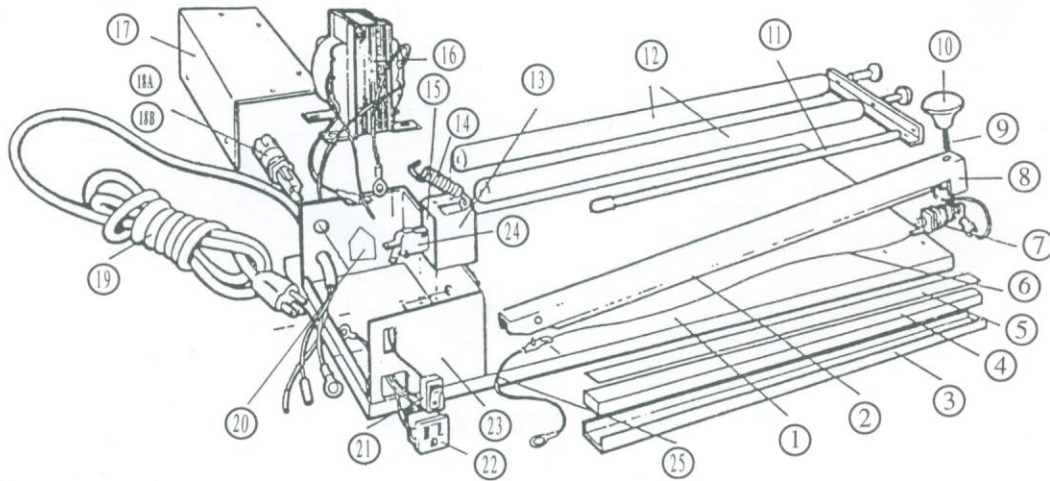


## Set-up Procedures

(Refer to Parts list on Page 2)

1. Remove all components from carton and place in adequate work space. Remove tie-down from sealer arm (8).
2. Plug heat gun into 110 volt outlet (22) on side of sealer.
3. Plug power cord into 120v, 15 amp outlet and turn switch (21) "on".
4. Place the roll of shrink film on the film support rollers (12) with the open side of the film facing the front of the machine. Feed the film toward the seal pad (4), passing the bottom layer of film under the film separator (11) and the top layer over the film separator.
5. If unit is equipped with a timer, set the timer control knob (20) at a low setting. Pull the film about 2" past the seal pad and depress the seal arm. Hold the seal arm down firmly until the seal indicator light on timer goes off. Separate the sealed film from roll when still warm and inspect the seal. You should experiment with the timer control until you get a good seal but ALWAYS USE THE LOWEST TIME SETTING THAT PRODUCES A GOOD SEAL.
6. If your model is not equipped with a timer all the above instructions apply EXCEPT that the unit will begin to seal and continue to seal as long as the seal arm is held down.

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## Parts List All Models

1. Base
2. Phenolic Strip
3. Seal Bed Holder
4. Seal Pad (red rubber)
5. Seal Bed Cover (13/16" wide, 10 mil teflon)
6. Heating Element
- 7A. Terminal Retainer
- 7B. Terminal End Cap
8. Sealing Arm
9. End Cap Retaining Screw
10. Sealing Arm Knob
11. Film Separator
12. Film Support Rollers (2)
13. Outer Bracket
14. Sealer Arm Return Spring
15. Inner Bracket
16. Transformer
17. Cover
- 18A. Fuse Holder
- 18B. Fuse 10 amp
19. Power Cord
20. Timer (Some Models)
21. ON/Off Switch
22. 110-120v AC Outlet
23. Chassis
24. Micro Switch
25. Ground Strip

## SHRINK WRAP SYSTEM

### SEALING PROCEDURES

1. Make sure that all set-up procedures have been done.
2. Insert the product down the load tray into the centerfold shrink wrap. Square the product as you gently pull it (and the film) past the seal bed and hold in place. (If necessary, place the product on a support while sealing is done.)
3. Make sure the wrap is aligned on the product so that the seal line will be in the middle of the product and the film is as smooth as possible all around the product. Leave a little extra film on the seal side of the product.
4. Depress the seal arm and hold down firmly on the wrap until the indicator light goes out (and slight buzzing stops.)
5. Release the arm immediately after the light goes out and separate the film while the seal is still warm.
6. Roll back the film to the roll side of the seal bed (so next seal doesn't seal both product and new film). Rotate the package so the open side is on the seal bed and make the vertical seal in the same manner as the transverse seal.
7. Separate and remove excess film while seal is still warm. The film should not be tight around the product-rather, the product should have a little loose film on each side.
8. Turn on the heat gun and shrink the film around the product. (See Shrinking the Film on Page 3 for instructions and tips on shrinking.)

### CHANGING THE HEATING ELEMENT

(Refer to parts list on page 2)

1. Unplug the shrink wrap sealer and disconnect heat gun.
2. Remove end cap screw (6) and then remove terminal end cap (7B) at end of arm (8).
3. Slide terminal retainer (7A) out of end of arm and unscrew terminal. Remove old heating element.
4. Turn sealer upside down (CAREFULLY). Take care not to lay on timer or switch. Using a screwdriver, unscrew the heating element retainer screw inside the hole in the sealer bottom. ONLY LOOSEN THE SCREW until the fork connector on the end of the heating element slides out freely. DO NOT REMOVE SCREW-ONLY LOOSEN.
5. Place fork connector end of new heating element down sealer arm and secure with screw located in hole in sealer bottom. Tighten firmly.
6. Attach the ring connector on the other end of the new heating element to the terminal retainer screw and tighten the nut firmly.
7. Pull the terminal retainer forward and slide it back into the slot in the sealer arm.
8. Replace the terminal end cap and screw.

NOTE: If you use a strip of teflon tape over the heating element (to reduce smoke and/or odor), you should replace it now.

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### Shrinking the Film

1. Once the product is sealed in film, you may wish to puncture the film with a very small pointed object to allow air to escape during shrinking. (The end of a straightened paper clip works well for this purpose.)
2. Experiment with the setting on the heat gun to determine the best temperature and blower setting. Your Midwest <sup>MP</sup> Pacific<sup>SM</sup> Shrink Wrap System comes with a baffle for the heat gun. The baffle evenly distributes the hot air flow while concentrating it somewhat. It may make a difference on some products and not on others. Again, experiment.
3. Direct the heat gun airflow all around the package until the film has shrunk to tightly fit all product contours. A slow circular motion with the heat gun usually works well. The heat gun has been designed to minimize burn holes at any distance but, again, experiment.

### PLEASE NOTE

The Midwest <sup>MP</sup> Pacific<sup>SM</sup> PVC shrink film provided with your shrink system has been formulated to minimize smoke and odor while sealing and shrinking. Even so, it is recommended that the system be operated in a well-ventilated area. Other brands of PVC film or other types of film may produce some smoke and/or odor when used. To reduce or eliminate these effects, a Teflon strip may be installed over the heating element. This adhesive strip may be obtained from your Midwest <sup>MP</sup> Pacific<sup>SM</sup> dealer (Part # 5). For best results from your system use only Midwest Pacific shrink film and replacement parts.