

Yoder Loop Heater Repair

MODELS:
ALL

PRODUCT TYPE:
1997 AND NEWER TOP
MOUNT VERTICAL
EVAPORATOR COIL

TS
Bulletin

532

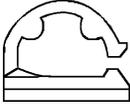
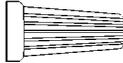
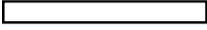
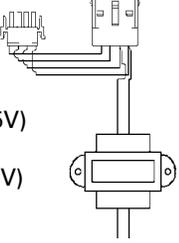
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CONDITION

Leak in the yoder loop tubing.

CORRECTION

Order part number **12001492**. See instructions below.

CONTENTS:				
				
(3) 67619-1 Adhesive Clips	(2) 27116-5 Wire Nuts	(2) 61002819 Screws	(1) 55602-34 Plastic Tubing	(1) 16009142 Instruction Sheet
				
(1) 61003481 Heater Wire (Yoder)	(1) 61003479 (115V) OR (1) 61003480 (230V) Transformer	(1) 13900-1 Dryer		

Disconnect unit from power supply before servicing.

1. If the leak has been determined to be in the yoder loop tubing, connect tubing as described in the service manual, eliminating the yoder loop. Rework the sealed system and make appropriate refrigerant charge as indicated on the serial plate. Then proceed as follows:
2. Clean and straighten the yoder loop tubing so it is free of burrs and has the correct I.D.
3. Install a process tube adapter on a 3/16" I.D. plastic sleeve (**55602-34**), see Figure 1. Connect the plastic sleeve to one side of the yoder loop.
4. Connect a gauge set and vacuum pump to the process adapter, see Figure 2.
5. Insert the braided end of the electric heater wire (**61003481**) into the condenser side of the yoder loop.

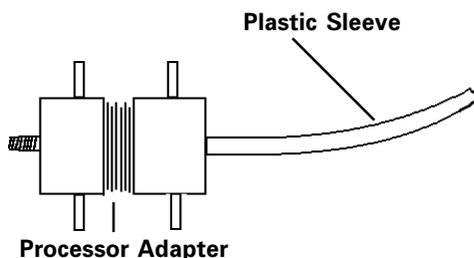


Figure 1.

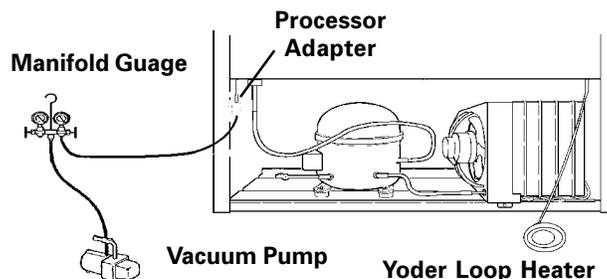
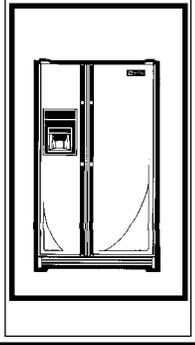
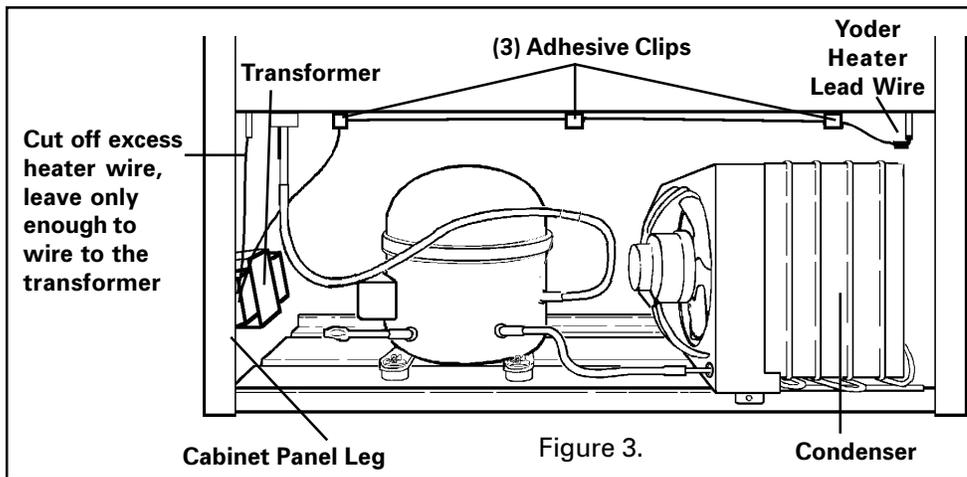


Figure 2.

- Admiral
- Crosley
- Jenn-Air
- Magic Chef
- Maytag
- Norge



6. Start the vacuum pump and place your finger over the end of the yoder tube with the braid inserted. When a good vacuum is obtained, release your finger from the tube and begin to feed the braid into the tube, one to two inches at a time until the braid reaches the plastic sleeve. Shut the vacuum pump off and remove the plastic sleeve.
7. Pull the braid, while pushing an equal amount of the heater into the other end of the yoder tube until heater wire lead connector reaches the end of the yoder tube.
8. Place the adhesive clips (**67619-1**) an equal distance across the top of the machine compartment housing. Lace the yoder heater lead wire through the clips, see Figure 3.



9. Using the bottom ground wire mounting hole on the cabinet panel leg, mount the transformer **61003479** (115V) or **61003480** (230V) using a screw (**61002819**), (if a ground wire is mounted to the bottom hole, move the ground wire up to the next hole). Turn the transformer approximately 5° inward (toward the front of the machine compartment). Using the other transformer mounting foot hole as a guide, drill a 3/32" pilot hole in the cabinet panel leg. Fasten the transformer mounting foot using a screw (**61002819**), see Figure 4.
10. Cut off the excess heater wire leaving only enough to wire to the transformer lead. Do not cut the yoder heater lead wire coming from the condenser side of the cabinet. Wire both heater leads to transformer using the wire caps (**27116-5**) supplied with the yoder heater assembly, see Figure 4.
11. Disconnect the compressor quick disconnect plug from the main wire harness and install the transformer lead connectors as shown in Figure 4.
12. Install the machine compartment cover and reconnect the power cord to the wall outlet.

