

OPERATING INSTRUCTIONS AND PARTS LIST FOR

IVES-WAY AUTOMATIC CAN SEALER

Model Number

The Model Number of your Can Sealer will be found on the turntable lift lever. Always mention this number when communicating with us regarding your can sealer or when ordering parts.

How to Order Parts

When ordering repair parts, always include the following information:

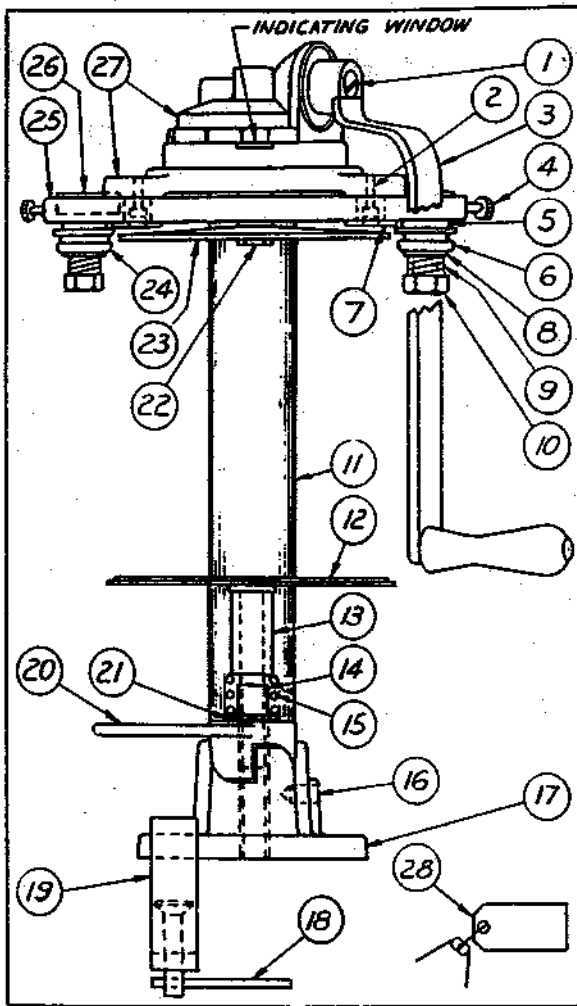
1. The part number and name.
2. The model number, which will be found on the turntable lift lever.

If Sealer Head is ever in need of repair, it is recommended that it be returned to the factory. Do not attempt to remove the four screws on the underside of the head.

This list is valuable: It will assure your being able to obtain proper part service at all times. We suggest you keep it with other valuable papers.

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PARTS LIST



Item	Qty.	Part No.	Part Name
1	1	13139	Crank Screw
2	3	20031	Rocker Screw
3	1	20030	Crank
4	2	13169	Thumb Screw
5	2	20021	Seaming Roller Thrust Washer
6	1	20023	First Seaming Roller
7	3	20017	Rocker Button
8	2	20027	Seaming Roller Washer
9	2	13390	Seaming Roller Spring
10	2	20024	Seaming Roller Screw
11	1	20032	Column
12	1	20033	Turntable
13	1	20034	Spacer - #10 Cans
14	1	20026	Turntable Tube
15	1	20029	Turntable Spring
16	2	20035	Column Screw
17	1	20013	Base
18	1	16484	Pin
19	1	20036	Clamp
20	1	20014	Turntable Lift Lever
21	1	20037	Turntable Thrust Washer 3-Piece
22	1	20038	Chuck Screw
23	1	20015	#603 Chuck
24	1	20022	Second Seaming Roller
25	1	20012	Rocker
26	2	20039	Seaming Roller Nut Plate
27	1	20040	Head Assembly
28	1	20041	Gauge Wire Set
	1	20042	Operating Instructions

SETTING UP

Fasten sealer to bench or table with clamp (Item #19) using pin (Item #18) to tighten clamp screw. Bolt holes are furnished at front and rear of base for permanent mounting (bolts not furnished). To attach the crank, turn the chuck (Item #23) by hand until the "O" is in the center of the indicating window. Insert the gear end of the crank into the head so that it hangs down and a few inches forward. Insert crank screw and tighten.

GIFT CANNING

The can sealer is adjusted at the factory and no further adjustment is necessary. When readjustment is required; such as, when replacing a seaming roller, loosen the seaming roller screw (Item #10) and slide the seaming roller assembly back until the seaming roller nut plate (Item #26) stops against the rocker frame (See Fig. #2). Holding the seaming roller in this position, tighten the seaming roller screw. Use this same procedure for both seaming rollers. Thumb screws (Item #4) and gauge wire set (Item #28) may be discarded. For gift canning, the paragraphs below on FOOD CANNING & LEAK TESTING do not apply. See OPERATION paragraph for can sealing procedure.

FOOD CANNING

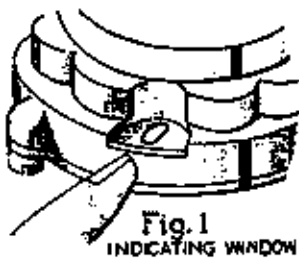


Fig. 1
INDICATING WINDOW

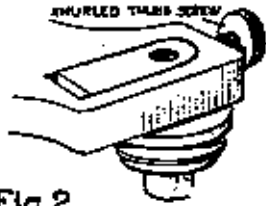


Fig. 2
FIRST SEAMING ROLL



Fig. 3

CORRECT ADJUSTMENT
OF SEAMING ROLLS
SHOWING PROPER USE
OF GAUGE WIRES.

Before canning food, it is necessary to adjust the seaming rollers. The first seaming roller is on the right side of the sealer (Fig. 2) and is for curling the seam. Turn the crank until the "1" appears in the window. Loosen seaming roller screw (Item #10) and loosen thumb screw (Item #4). Slide the seaming roller back until the seaming roller nut plate (Item #26) stops against the rocker frame (Fig. #2). Retighten the roller screw by hand. Insert the heavy gauge wire between the chuck and first seaming roller (Fig. #3). Tighten the thumb screw until a drag is felt on the gauge wire as it is being pulled forward, then tighten the thumb screw an additional 1/4 turn. Tighten the seaming roller screw. Check to see that the gauge wire cannot be pulled out easily. If it can, loosen the seaming roller screw slightly and tighten the thumb screw slightly. Tighten the seaming roller screw and recheck to see that the gauge wire cannot be pulled out easily. If it still can, repeat the above step until it cannot. To remove the gauge wire turn the crank clockwise. After the adjustment is complete and the seaming roller screw is locked in place, tighten the thumb screw. The second seaming roller is on the left side of the sealer and is for flattening the seam. Turn the crank until "2" appears in the center of the window. The thin gauge wire is used to adjust this seaming roller (Fig. 3). Follow the same procedure used for the first seaming roller, except turn the crank counterclockwise to remove the gauge wire.

LEAK TESTING

(NOT NECESSARY FOR GIFT CANNING)

Before canning, seal several empty cans until you learn how the sealer works. These empty cans should then be checked for leakage by placing them in a pan of water that has been brought to a boil. After the water has stopped boiling, insert the cans upside down (newly-sealed end down) in the hot water. The water should be deep enough to cover about 3/4 of the can when the can is standing upright. Hold each can down with a larger-size filled can from your pantry. The heat will expand the air in the can and within a few minutes a stream of bubbles will be seen coming from a leaky seam. The ends of the cans might "pop" when the can is put into the hot water, but this is normal and should cause no concern. If a leaky seam is detected, readjust the seaming rollers and repeat the leakage test. Canning should not proceed until the seaming rollers have been adjusted properly and the seams do not produce a stream of bubbles in the leakage test. Repeat the leakage test occasionally when canning.

OPERATION

Before inserting a can, turn the crank until the "0" is in the center of the indicating window. This is the starting position for all can sealing operations. The turntable lift lever (Item #20) should be in the forward position. The spacer (Item #13) is used only for #10 cans (7" high). For #12 cans (8-3/4" high) remove the spacer by lifting off the turntable (Item #12) and removing the spacer and reinserting the turntable shaft into the turntable tube (Item #14). With a lid centered on the top of can, center the

can on the turntable. Raise can by pushing the turntable lift lever to the left and rear until the lever touches the column (Item #11). This is the locked position and the can is now ready to be sealed. Turn crank clockwise. Do not turn crank counterclockwise. This will seal the can to the chuck. See arrow on crank for crank rotation direction. Turn crank clockwise and note first and second operations taking place automatically as "1" and "2" appear in window respectively. The crank should turn rather hard toward the end of each operation so that the seam will be rolled "tight". Continue turning until "0" reappears in window (20 turns). The can is then sealed. Pull the turntable lever to the forward position. If the can sticks to the chuck, tap the bottom of the can sideways to break it loose.

REMOVING THE CHUCK

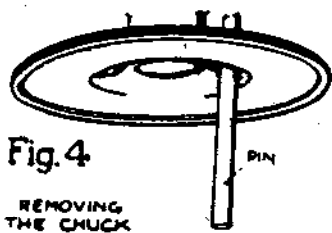


Fig. 4
REMOVING
THE CHUCK

If replacement of the chuck becomes necessary it can be removed as shown in Fig. 4. Place the pin through one of the two holes in the chuck, to keep it from turning. While holding the pin in this position, turn the crank counterclockwise until the chuck is loose. Then turn the crank until the "0" is in the window and unscrew the chuck by hand. After unscrewing, hold chuck in hand and strike the threaded end of the chuck screw with the flat side of a hammer. This will pop the

screw out of the chuck. To replace the chuck, insert screw in the center hole of the chuck, from the hollow side and screw into place by hand. Put the pin through one of the holes as before and turn the crank clockwise until tight. Turn crank until "0" reappears in window.

LUBRICATION

The numbers in Fig. 5 show the points that require oiling. Use a light machine oil or a 10 or 20 weight motor oil. For frequent use, oil several times a year. For occasional use, once a year is sufficient. In the instructions below, the numbers refer to the oiling points in Fig. 5.

1. Apply oil to hole shown.
2. Apply oil to hole shown.
3. Pull seaming roller down against spring. Apply oil to space between seaming roller and thrust washer.
4. Remove turntable and apply oil to the turntable shaft.
5. Remove turntable and top washer of thrust washer. Apply oil to needle bearing.

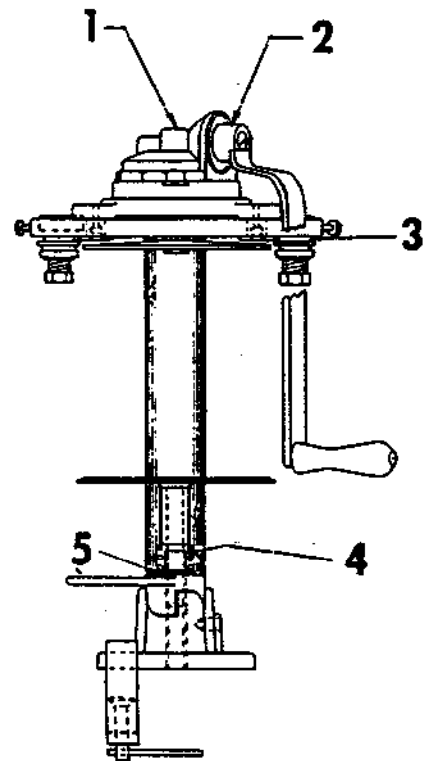


Fig. 5