

# INSTRUCTIONS



AROMATIC  
BREAD SLICER

## MODEL HAB300 AroMatic™ BREAD SLICERS

MODEL

HAB300

ML-104844



701 S. RIDGE AVENUE  
TROY, OHIO 45374-0001

FORM 34156 (4-99)

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Model HAB300 AroMatic™ Bread Slicer

# Installation, Operation, and Care of MODEL HAB300 AroMatic™ BREAD SLICERS

SAVE THESE INSTRUCTIONS

## GENERAL

Model HAB300 AroMatic™ Bread Slicers will slice a wide variety of breads with a gentle, efficient slicing action that produces a high quality product for the consumer. The HAB300 is a floor model equipped with four swiveling casters, the front casters have brakes with locks. The HAB300 Bread Slicers have a fixed slice thickness set from the factory. A 120 Volt, fractional horsepower single phase motor is standard.

## INSTALLATION

### UNPACKING

Immediately after unpacking the bread slicer, check for possible shipping damage. If the bread slicer is found to be damaged, save the packaging material and contact the carrier within 15 days of delivery.

Prior to installation, test the electrical service to assure that it agrees with the specifications on the bread slicer data plate.

Remove the extra blades shipped in the crumb drawer and keep them in a safe place. Find the cleaning brush shipped in the crumb drawer and keep it in a safe place for use during cleaning. Remove packing material on the infeed side between the infeed pusher and blades. Remove casters from drawer.

### ASSEMBLY

#### Bagging Spade

The bagging spade is shipped in the crumb drawer; it should be installed on top of the machine on either the left or right side depending on the operator's preference. To install: Unscrew and remove either the left or right black knob-headed screw and flat washer. Reinstall the black knob-headed screw and washer so the bagging spade is secured to the top of the machine (see Fig. 22, page 9). **NOTE:** The adjustable stop at the bottom of the bagging spade can be moved up or down to adjust for loaf length or operator convenience. Grasp the stop with thumb and index finger, squeeze in on both sides at the top, then slide up or down.

#### Casters

**WARNING:** BREAD SLICER MUST BE BLOCKED AND STABLE BEFORE INSTALLING CASTERS.

After removing the shipping bolts from the crate, raise up and block the Bread Slicer a minimum of five inches from the floor. Install locking casters in front and non-locking casters in back. Install bolt from underneath through caster, leg plate, flat washer, and secure to locknut above. [Use a  $5/16$ " or 8mm hex Allen wrench]. Move the Bread Slicer to its operating location and lock the front casters by pushing down on the locking pedals. To release lock, push back on brake-release tab inside locking pedal.

### ELECTRICAL CONNECTION

**WARNING:** THIS MACHINE IS PROVIDED WITH A THREE-PRONG GROUNDING TYPE PLUG. THE OUTLET TO WHICH THIS PLUG IS CONNECTED MUST BE PROPERLY GROUNDED. IF THE RECEPTACLE IS NOT THE PROPER GROUNDING TYPE, CONTACT AN ELECTRICIAN.

The HAB300 Bread Slicer can be plugged into a standard outlet (120 Volt, 60 Hertz, 1 Phase).

# OPERATION

**WARNING:** SHARP BLADES. KEEP HANDS CLEAR OF ALL MOVING PARTS WITH SPECIAL ATTENTION TO FOOD CUTTING DISCHARGE AREAS. DISCONNECT MACHINE FROM POWER SUPPLY BEFORE CLEANING OR SERVICING.

**IMPORTANT:** Cool loaves to room temperature before slicing.

## CONTROLS

**STOP Switch** (red) — PULL STOP SWITCH OUT to turn power to the machine's control circuit ON. PUSH STOP SWITCH IN to turn power to the bread slicer OFF.

**NOTE:** The Bread Slicer remains idle if the Pusher Lever is vertical. When the Pusher Lever is pulled forward, the machine starts.

**Pusher Lever** — Pull the Pusher Lever forward (Fig. 1) to start machine operation (the STOP Switch is pulled out and the crumb drawer is closed).

Do not release the Pusher Lever if hands or any object other than a loaf of bread can come in contact with the slicing blades.

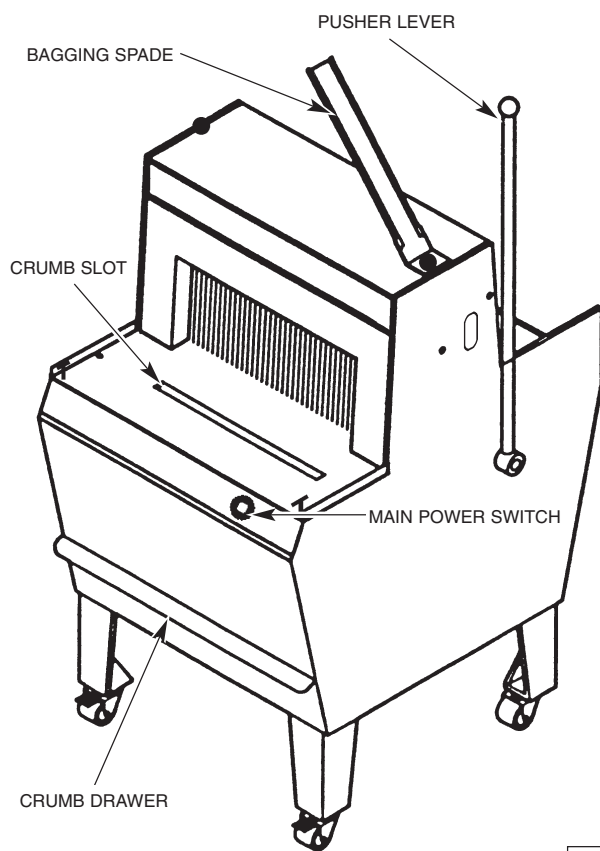


Fig. 1

PL-41223-1

- While the Pusher Lever is all-the-way forward, place the loaf on the rear table.

The Pusher Lever's spring provides the force to return the lever to the vertical position, and pushes the bread through the moving blades:

- Restrain the lever to gently advance soft bread through the moving blades.
- Release the lever to provide additional push for firm bread as it moves through the blades.

The operator's hand on the Pusher Lever's return stroke determines the force applied to the loaf as it is sliced.

- Take the bread from the front table with both hands when almost sliced.
- KEEP AWAY FROM MOVING BLADES.
- Place the loaf on the bagging spade to bag it.

When the Pusher Lever returns to the vertical position, the machine returns to *IDLE* with the blades stopped.

The machine is ready to slice the next loaf.

**NOTE:** The Crumb Drawer must be fully closed or the machine will not operate. The slot in the front table guides the crumbs to the Crumb Drawer. Empty the Crumb Drawer by pulling it out of the front of the bread slicer.

## CLEANING

**WARNING:** UNPLUG MACHINE POWER CORD BEFORE CLEANING, SERVICING, OR REMOVING PARTS. REPLACE PARTS BEFORE USE. USE CARE WHEN WORKING AROUND SHARP BLADES.

- The machine cover and front and rear tables can be cleaned with a soft brush or damp cloth (Figs. 2, 3) moistened with soap and water. Rinse. Avoid dripping water in the machine cabinet. Polish with a clean dry cloth.

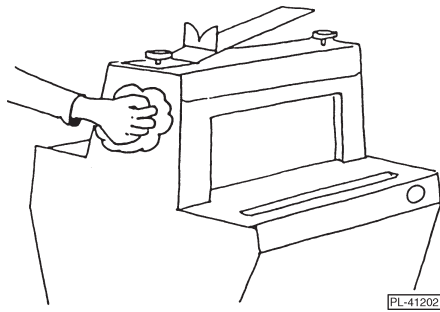


Fig. 2

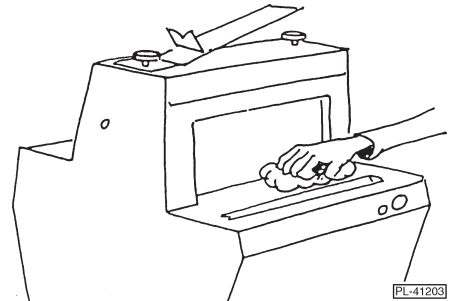


Fig. 3

### Complete Machine Cleaning

Parts that can be removed, cleaned, and sanitized in a sink include: Pressing plate, loaf pusher, rear table, bagging spade, front table and crumb chute. The front and rear blade frames and blades can be cleaned and sanitized in place.

#### 1. To remove the Pressing Plate:

Remove the spring from the copper weld stud on one side of the machine frame (Fig. 4). Pivot the latch cover on the exterior side of the machine and remove the Pressing Plate Shaft by pulling it from the tube (Fig. 4). Remove the Pressing Plate from the rear by lifting it up and out (Fig. 5).

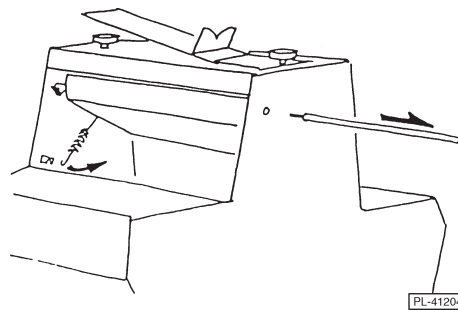


Fig. 4

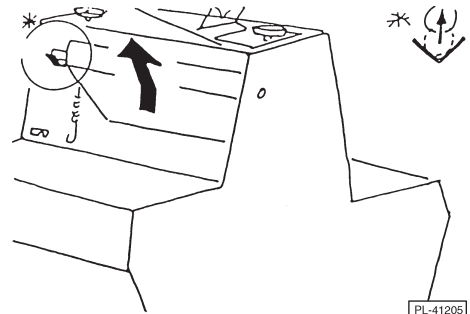


Fig. 5

#### 2. To remove the Loaf Pusher:

Pull the Pusher Lever to the front. Turn the carriage stop at the rear of the carriage down so the carriage is locked in the rear position (Fig. 6). Loosen the two knurled headed screws that hold the Loaf Pusher to the carriage. Remove the Loaf Pusher (Fig. 7).

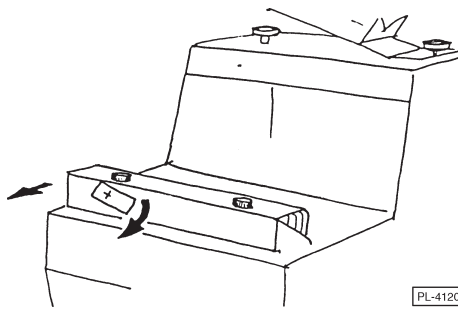


Fig. 6

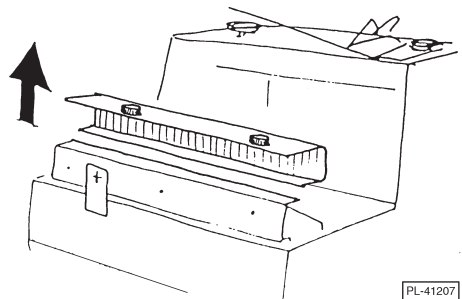


Fig. 7

## CLEANING (continued)

### 3. To remove the Rear Table:

Hold the Pusher Lever, unlock the carriage lock, and allow the Pusher Lever to return to the vertical position. To remove the Rear Table, pull it straight back and keep it flat (Fig. 8).

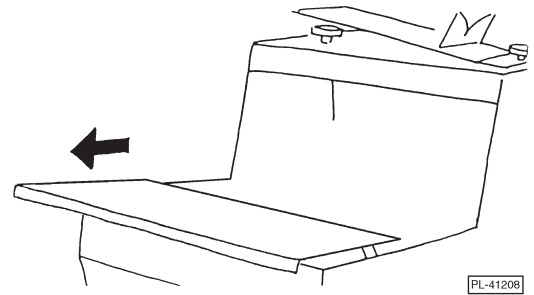


Fig. 8

### 4. To remove the Bagging Spade:

Unscrew and remove the black knob-headed screw holding the Bagging Spade on the top of the machine. Unscrew the other black knob-headed screw from the alternate Bagging Spade location on top of the machine (Fig. 9).

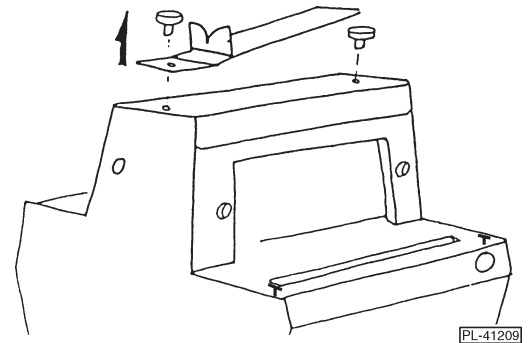


Fig. 9

### 5. To tilt the Top Cover:

Loosen but do not remove the knurled headed screws on each side of the front of the Top Cover (Fig.10). Tilt the Top Cover up (Fig. 11).

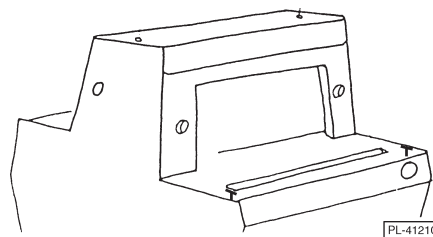


Fig. 10

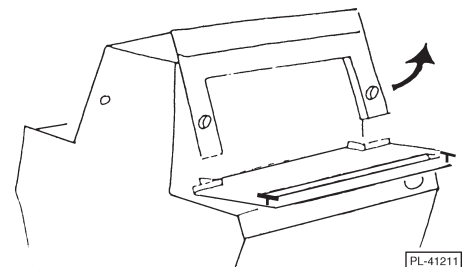


Fig. 11

### 6. To remove the Front Table:

Lift the Front Table using the two handles, withdraw it from the blades, and remove it (Fig. 12).

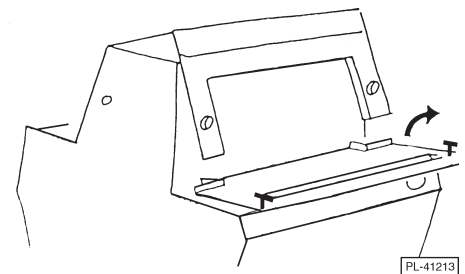


Fig. 12

7. To remove the Crumb Chute:

Lift the Crumb Chute up and out of its slot (Fig. 13). Remove, empty, and clean the Crumb Drawer.

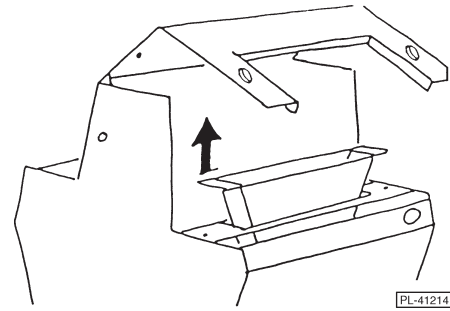


Fig. 13

**WARNING: SHARP BLADES.**

8. To access the Front Blade Frame:

Unscrew and remove the parts that hold the Front Blade Frame Straps to the frame member (Fig. 14). A wing nut, lockwasher, and dished flat plate must be removed for each strap. Lift the support straps from the threaded studs. Tilt the Front Blade Frame to the front (Fig. 14).

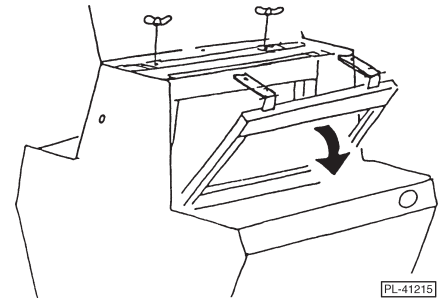


Fig. 14

9. Place a towel or cloth on top of the Front Blade Frame.

10. To access the Rear Blade Frame:

Unscrew and remove the parts that hold the Rear Blade Frame Straps to the frame member (Fig. 15). A wing nut, lockwasher, and dished flat plate must be removed for each strap. Lift the support straps from the threaded studs. Tilt the Rear Blade Frame to the front (Fig. 15).

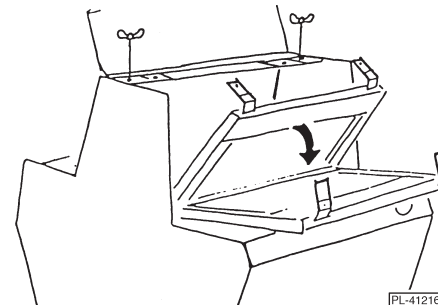


Fig. 15

11. Clean and sanitize the Rear Blades (Fig. 16) using the cleaning brush provided with the bread slicer and a sanitizing product. Place a towel under the blades to catch any drips. Tilt the Rear Blade Frame back up and put the straps over the threaded studs.

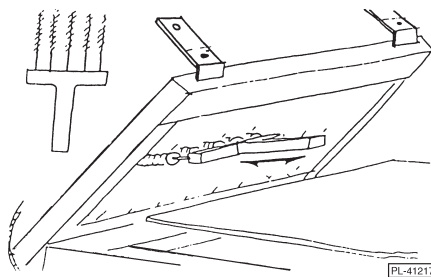


Fig. 16

12. Completely close the crumb drawer.

13. Clean and sanitize the Front Blades using the cleaning brush and sanitizer (Fig. 17). Place towel under blades to catch drips.

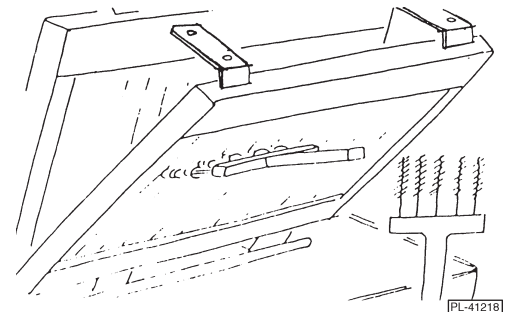
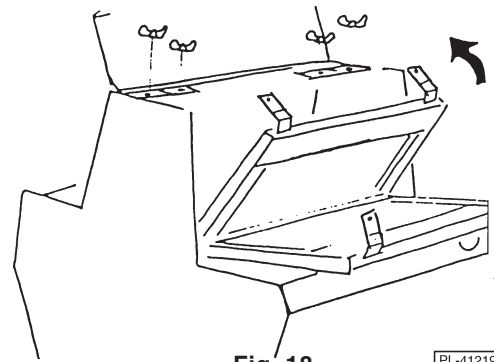


Fig. 17

## Reassembling the Bread Slicer

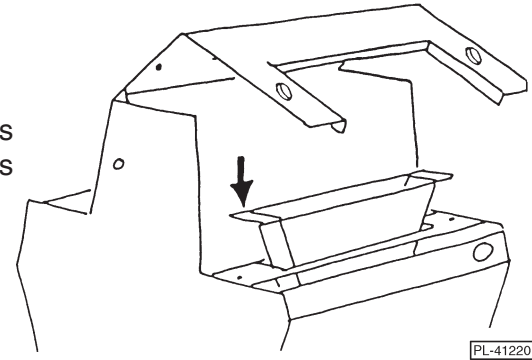
### 1. Secure the Rear and Front Blade Frames:

With the Rear Blade Frame straps in place over the threaded studs, secure by assembling one dished flat plate, lockwasher, and wing nut over each strap. Tilt the Front Blade Frame up to the frame member and slip the left and right straps over the threaded studs. Assemble one dished flat plate, lockwasher, and wing nut over each strap. Securely tighten all four wing nuts (Fig.18).



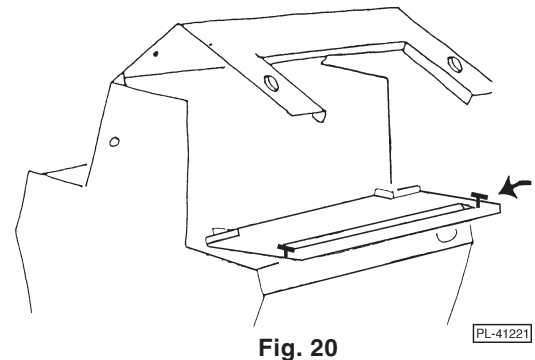
### 2. Insert the Crumb Chute in its slot (Fig. 19):

Make sure the bottom opening of the Crumb Chute is directed toward the Crumb Drawer, not the frame cross member.



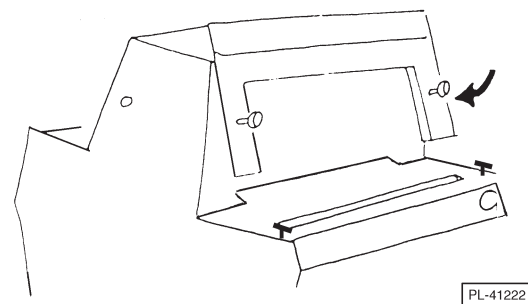
### 3. Reassemble the Front Table (Fig. 20):

Place the Front Table so the blades fit in the blade slots. Using the two handles on the left and right sides of the Front Table, lower the front table so it snaps in place.



### 4. Lower the Top Cover (Fig. 21):

Lower the Top Cover. Securely hand tighten the knurled headed screw on each side of the front of the Top Cover.





5. Install the Bagging Spade:

Thread the large black knob-headed screw in the Bagging Spade and assemble to the threaded hole on the chosen side of the machine (Fig. 22). Securely hand tighten the screw. Thread the other large black knob headed screw in the threaded hole on the opposite side of the Bagging Spade and securely hand tighten (Fig. 22).

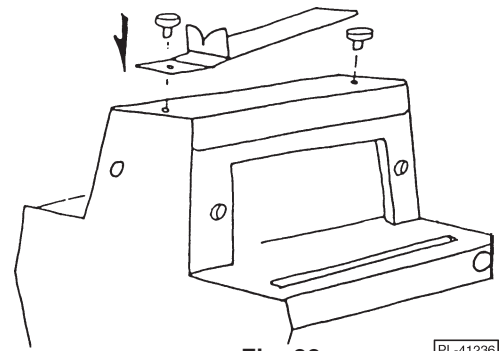
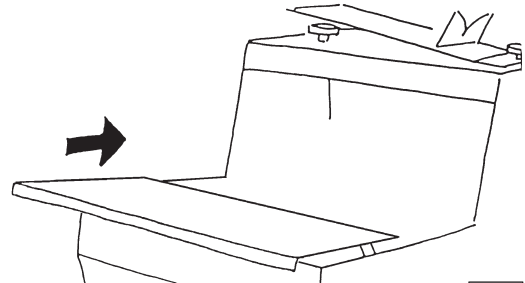


Fig. 22

PL-41236

6. Reassemble the Rear Table (Fig. 23):

Place the Rear Table so the front lip fits over frame member. The side flanges must fit inside the front table side flanges and the slot underneath the table must line up with the pin under the frame member. Push the Rear Table in place so the rear pins snap in place.

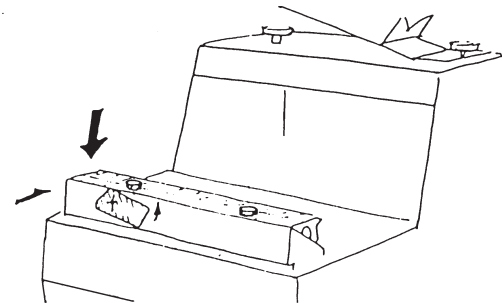


PL-41237

Fig. 23

7. Reassemble the Loaf Pusher (Fig. 24):

Pull the Pusher Lever completely to the front. Turn the carriage stop at the rear of the carriage down so the carriage is locked in the rear position. Insert the two knurled headed screws through the holes on the Loaf Pusher and into the threaded holes at the rear of the carriage and securely hand tighten.

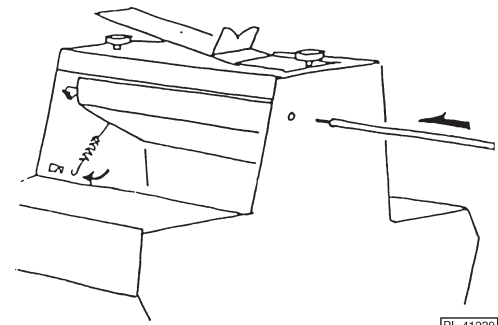


PL-41238

Fig. 24

8. Reassemble the Pressing Plate (Fig. 25):

Place the Pressing Plate in place so the side levers rest on the rubber knob on each side of the machine frame. Insert the Pressing Plate Shaft in the tube, properly align with tube ends resting in angle supports on each side of the machine frame, and push through. Pivot the latch to secure the end of the Pusher Plate Shaft. Fit the loop end of the coil spring on the side lever of the Pressing Plate over the copper weld stud on the same side of the machine frame.



PL-41239

Fig. 25

## INSTALLING NEW BLADES

**WARNING:** UNPLUG MACHINE POWER CORD BEFORE CLEANING, SERVICING, OR REMOVING PARTS. REPLACE PARTS BEFORE USE. USE CARE WHEN WORKING AROUND SHARP BLADES.

Replacement blades are available from your Hobart Service Office.

Following the detailed instructions in the Complete Machine Cleaning section, pages 5 – 7, tear down the machine, as follows . . .

- It is not necessary to remove the Rear Table, Pressing Plate, and Loaf Pusher.
- Remove the Bagging Spade.
- Tilt up the Top Cover.
- Remove the Front Table.
- **WARNING:** SHARP BLADES.
- Access the Front and/or Rear Blade Frames. Lay a towel or cloth over all blades except the one you are working on.

The plastic cover on the upper strut of the Front and Rear Blade Frames must be removed. Unscrew the screw holding each cover in place and remove the covers.

**CAUTION: DO NOT remove all blades at once. Blades must be removed and replaced one-at-a-time. If necessary to replace several blades at the same time, replace the blades in sequence from left-to-right or from right-to-left.**

To remove blade, loosen its tensioning screw using a 4mm or  $\frac{5}{32}$ " hex wrench (Fig. 26).

Once tensioning screw is loosened, blade holders will pivot. Use thumb under blade frame to push rear tongue of blade holders toward tensioning screw (Fig. 27).

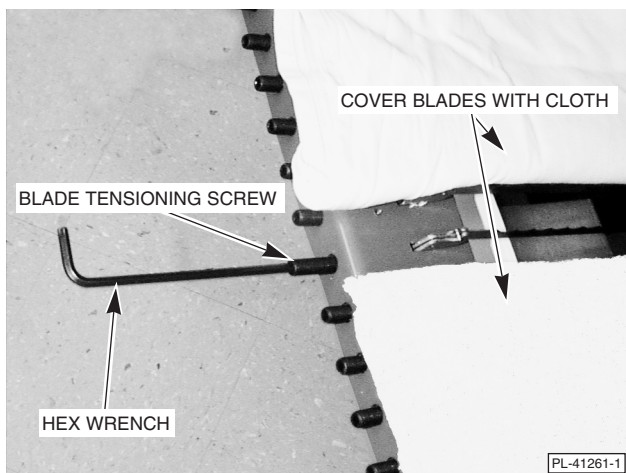


Fig. 26

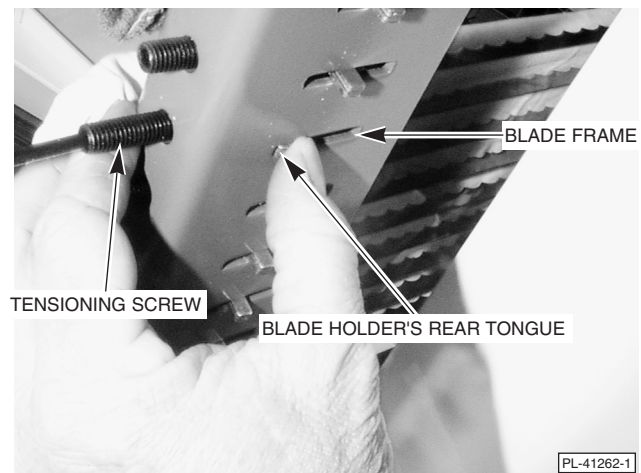


Fig. 27

Use pliers to grasp blade pin and pull blade away from blade holders during removal (Fig. 28).

To install new blade, place properly oriented blade against blade holders and gently tap in place (Fig. 29). When blade pins are properly positioned in blade holders (at top and bottom of frame), tighten each new blade to approximately the same tension as the old blade next in line for replacement.

Replacing the blades in this manner assures that even tension is maintained on the frames, keeps the blade frames square, and assures proper blade alignment.

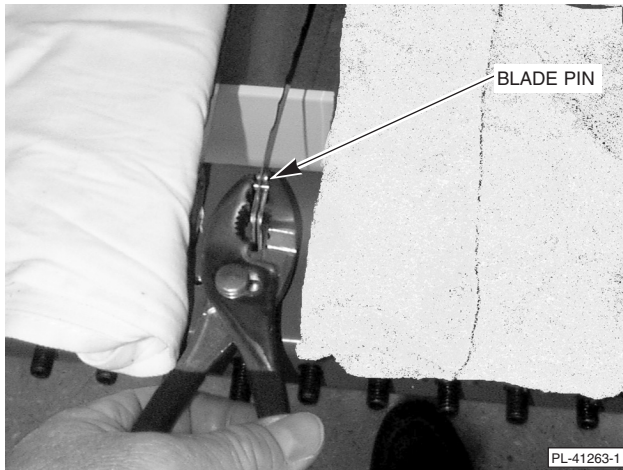


Fig. 28

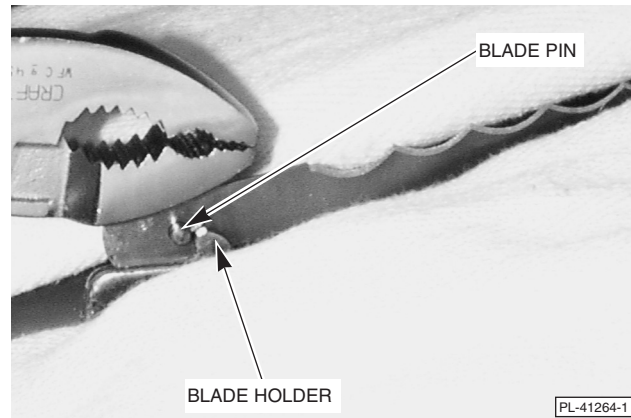


Fig. 29

**CAUTION: DO NOT overtighten blades. Damage to frames may occur.**

When all blades are installed, replace the plastic covers on the upper struts of the Front and Rear Blade Frames.

Follow the applicable detailed instructions on pages 8 and 9 to reassemble the machine . . .

- Secure the Rear and Front Blade Frames.
- Reassemble the Front Table.
- Lower and secure the Top Cover.
- Install the Bagging Spade.

# MAINTENANCE

**WARNING:** UNPLUG MACHINE POWER CORD BEFORE BEGINNING ANY MAINTENANCE PROCEDURE.

## LUBRICATION

The Bread Slicer uses sealed and shielded bearings which do not require periodic lubrication.

# TROUBLESHOOTING

## PROBLEM

## SUGGESTED CORRECTIVE ACTION

Poor slice quality.

1. Cool bread to room temperature before slicing.

Bread Slicer won't start.

1. Check electrical source and breaker.
2. Check plug connection.
3. Be sure crumb drawer is completely closed.
4. Make sure the Front and Rear Tables are installed properly and the Top Cover is completely closed.

Bread vibrates in knives.

1. Reduce loaf pusher pressure.
2. Contact Hobart Service.

Bread takes an excessive amount of time being sliced.

1. Blades are dull. Replace blades.
2. Increase loaf pusher pressure.

## SERVICE

If service is needed on this equipment, contact your local Hobart Service Office.