



1812 SLICER TECHNICAL MANUAL

**SPECIFICATION SHEET
INSTALLATION INSTRUCTIONS
OPERATION INSTRUCTIONS
CLEANING INSTRUCTIONS
MAINTENANCE INSTRUCTIONS
TROUBLE SHOOTING INSTRUCTIONS
WIRING DIAGRAMS
CATALOG OF REPLACEMENT PARTS
SMARTPARTS™ USER GUIDE
RECOMMENDED SPARE PARTS LIST**

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HOBART

FOOD EQUIPMENT

**1812
SLICER****“SMART” FEATURES
DESIGNED WITH THE
OPERATOR IN MIND.”**

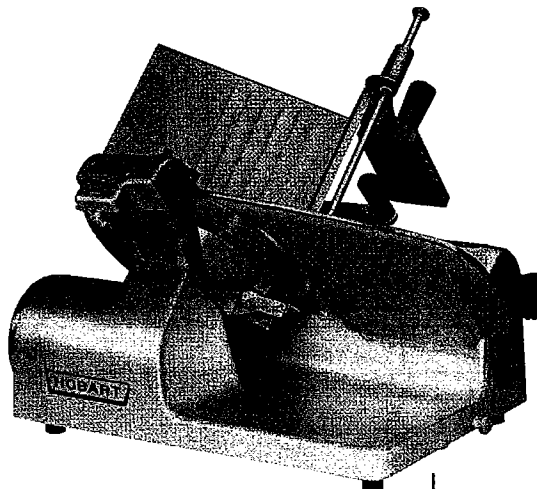
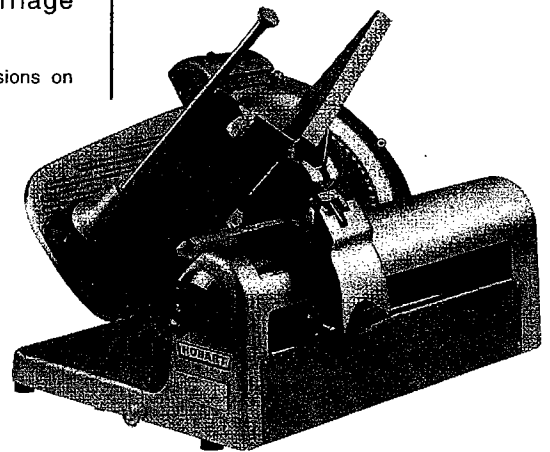
- **Removable Double Interlocked Carriage** - Mechanical interlock requires gauge plate to be closed before the carriage can be removed. When carriage is removed, gauge plate cannot be opened. Knife is fully protected while cleaning. Removable carriage is easily cleaned in sink.

Electrical interlock prevents knife from running while the carriage is removed promoting use of correct cleaning procedures.

- **Carriage Home-position Start** - Carriage must be (forward) “home position” before the slicer will start. Operator must use proper operating procedures.
- **One-piece Anodized Aluminum Base** - No cracks or crevices makes clean-up easy. Durable finish withstands abrasive sanitizing agents.
- **Permanently Mounted Ring Guard** - Protects knife during operation and cleaning.
- **No-volt Release** - In case of power interruption, when the power comes back on, the operator must restart the slicer.
- **Heavy Gauge Stainless Steel Top Cover** - Rugged design maintains shape to ensure consistent fit and interchangeability with all other 1812 and 1912 models. Turn one knob to remove. Simplifies cleaning.
- **Front Lift Leg** - Easier cleaning underneath slicer.

- **Rugged Thermoplastic Coated Steel Pusher** - Ideal weight and shape for consistent product feed. Increases product yield. Front mounted for ease and convenience.
- **Optional Automatic Shut-off** - Slicer automatically shuts off if carriage is not used for 10 seconds.
- **Many Hobart advantages -**
 - Stay-Sharp cast stainless steel knife
 - Direct-drive, all-gear transmission
 - Smooth carriage operation
 - E-Z use top mounted sharpener
 - Hobart designed motor
 - Optional vertical carriage handle

Specifications, Details and Dimensions on Reverse Side.



1812 SLICER



SPECIFICATIONS Listed by Underwriters Laboratories Inc and NSF International.

MOTOR: 1/8 H.P., totally enclosed, integral with slicer, permanently grease-lubricated ball bearings. Single-phase is split-phase capacitor-start type.

ELECTRICAL SPECIFICATION: Furnished in 115/60/1, U L listed. Also available: 115/50/1, 220/50/1, 240/50/1 — not submitted for U L listing.

SWITCH: Water protected, 3 position double pole type, operated by a push-pull rod. Neon pilot light illuminates ON-OFF knob when power is on.

CORD AND PLUG: 6-foot flexible 3 wire cord and plug for grounding receptacle. IEC cord without plug is standard for export models.

KNIFE DRIVE: Spiral bronze worm gear meshing with polished hardened steel worm, assures quiet operation and long life. Knife speed 275 RPM.

BEARINGS: Bearings are permanently lubricated. Slide rod bearings are combined ball bearing roller and low-friction plastic.

KNIFE: Hobart Stay-Sharp, cast solid stainless steel, 1 1/4" diameter with sanitary hub. Knife is protected by a

permanently mounted ring guard. The stainless steel knife cover provides easy access for cleaning. Gauge plate protects knife edge when indicator is at zero.

KNIFE SHARPENER: Two stone sharpener and hone is quickly removable and top mounted with the ring guard. Sharpener lifts up and drops into the sharpening position for use. The unit returns to storage position without removal. When sharpener is removed for cleaning, knife edge is shielded.

POSITIVE ANGLE CARRIAGE: Angle feed enables operator to slice without manual feed. Stainless steel carriage with grooves is readily removable for cleaning and has 14" travel.

CAPACITY: The carriage will take food up to 12" in width or 7 1/2" in diameter.

FEED GRIP: High strength thermoplastic coated steel grip swings out of way when not in use.

GAUGE PLATE: Gauge plate is a heavy aluminum casting with ribbed laminated stainless steel face for smoother feeding. It is exceptionally rigid, to provide close control of slice. It can be adjusted to cut any thickness of slice-up to 1/4".

FINISH: The knife, knife cover, carriage and gauge plate are stainless steel. All others are anodized aluminum.

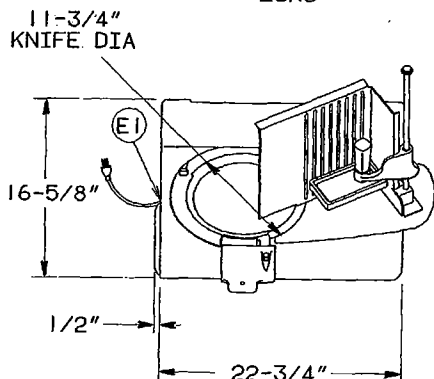
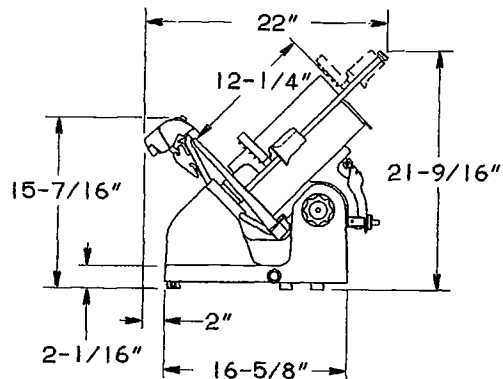
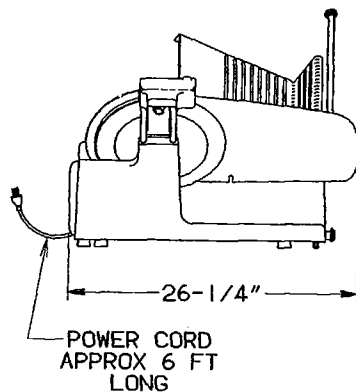
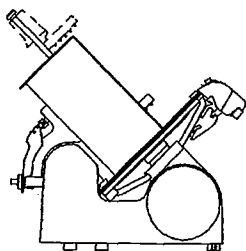
INTERLOCKS: Mechanical and electrical carriage interlocks protect knife during cleaning. Home-start interlocks ensure carriage is in proper position before starting. No Volt release protects slicer in case of power interruption.

OPTIONAL EQUIPMENT: A stainless steel tubular chute for slicing celery, lettuce, pepperoni, etc. can be used in place of the carriage. A heavy plunger is included with the chute to force-feed products when required. Adjustable stainless steel fences for use on the standard carriage prevents meat from tipping during operation of the slicer, assures straight feeding for uniform slicing. Three meat grips are available in different weights and sizes. Automatic shut off and vertical carriage handle are optional.

WEIGHT: Net weight 90 lbs. Approximate shipping weight 116 lbs.

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.

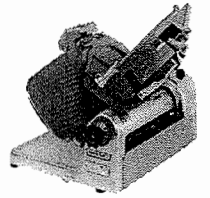
DETAILS AND DIMENSIONS



EXECUTIVE OFFICES
701 RIDGE AVENUE
TROY, OHIO 45374-0001

LITHO IN U.S.A. (H-01)

INSTRUCTIONS



1812 SLICER

MODELS 1812 & 1912 SLICERS

1812 ML-104550
1812ALB ML-104545
1912 ML-104552



701 S. RIDGE AVENUE
TROY, OHIO 45374-0001

FORM 19237 Rev. A (1-98)

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Installation, Operation, and Care of Models 1812 & 1912 Slicers

SAVE THESE INSTRUCTIONS

GENERAL

The Hobart Models 1812 and 1912 Slicers (Fig. 1) are equipped with Hobart-designed motors and are available for single-phase electrical service. They feature the exclusive Hobart Stay-Sharp cast solid stainless steel knife and are furnished with a cord and plug as standard equipment. Other features and options include:

The **Power Interrupt** feature, standard on all slicers, requires the slicer to be manually re-started after a power interruption.

The **Gauge Plate Interlock** feature, standard on all slicers, prevents the Carriage Tray from being removed unless the Carriage is in the HOME position (pulled towards the operator to the limit of its travel) and the Gauge Plate is CLOSED. When the Carriage Tray is removed, the slicer will turn itself OFF if it has not previously been turned OFF. Once the Carriage Tray is removed, the slicer cannot be started until the Carriage Tray is returned to its normal position. With the Carriage Tray removed, the slicer cannot be turned on and the gauge plate cannot be opened.

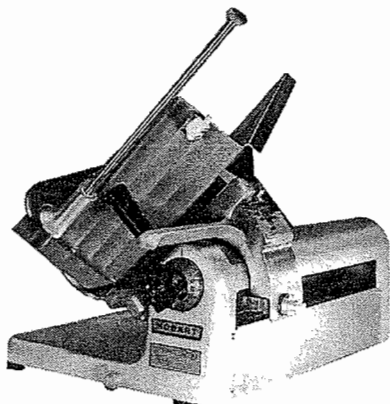
The **HomeStart** feature, standard on all slicers, requires the carriage to be in the HOME position before the slicer can be started.

The **AutoShutoff** option turns the slicer OFF if a full stroke of the carriage has not been made within a brief time interval. AutoShutoff option is factory installed only.

The Model 1912 Slicer features two-speed automatic slicing and has a carriage fence (standard) which can be positioned to limit movement of the product during slicing. Additional carriage fences are available as accessory options.

Some Model 1812 Slicers may incorporate the lift lever used on the Model 1912 Slicers.

MODEL 1812 SLICER



MODEL 1912 SLICER

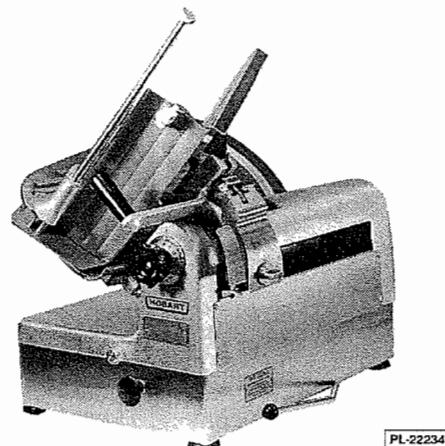


Fig. 1

INSTALLATION

UNPACKING

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

Prior to installing the slicer, test the electrical service to assure it agrees with the specifications on the machine data plate which is located on the front of the slicer.

ASSEMBLY

Locate the lubricant shipped with the machine. Put the lubricant in a safe place so it is available for machine lubrication; refer to the MAINTENANCE section of this manual for instructions.

Remove the Carriage Tray from its shipping box, place it in position on the slicer (Fig. 2). Secure the Carriage Tray to the slicer by lowering the Carriage Tray Lever Arm and tightening the Carriage Tray Locking Knob.

The top mounted Sharpener should already be mounted on its bracket (Fig. 3) with the Guide Pins in the Slots and the Sharpener in its normal position.

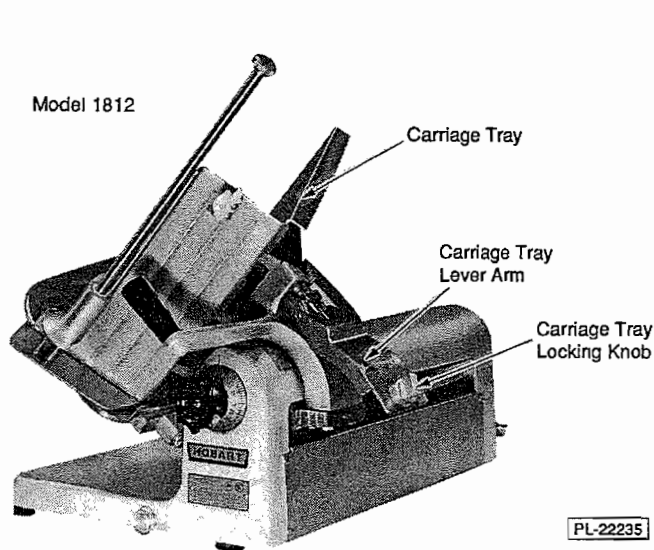


Fig. 2



Fig. 3

ELECTRICAL

WARNING: THIS MACHINE IS PROVIDED WITH A THREE-PRONG GROUNDING 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.

CLEAN BEFORE USING

The 1812 or 1912 Slicer must be thoroughly cleaned and sanitized after installation and before being used (refer to Cleaning, page 7).

OPERATION

SAFETY

SAFETY DEVICES INCORPORATED IN THIS SLICER MUST BE IN THEIR CORRECT OPERATING POSITIONS ANYTIME THE SLICER IS IN USE.

The TOP KNIFE COVER must be in position and secured with the LATCH KNOB (Fig. 4). The RING GUARD is not removable. The DEFLECTOR, mounted behind the slicer knife on a spring clip, can be removed for cleaning.

The MEAT GRIP must be used when slicing short ends to keep your hand(s) away from the knife.

When the slicer is not running, the INDEX KNOB (Fig. 5) must be turned back below zero (fully clockwise). The GAUGE PLATE will then cover the knife edge.

Always UNPLUG the POWER CORD before cleaning or moving the Slicer.

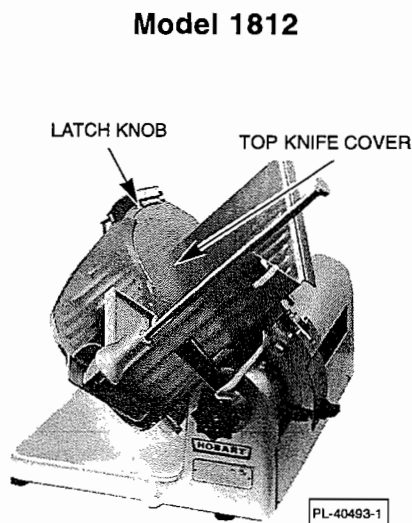


Fig. 4

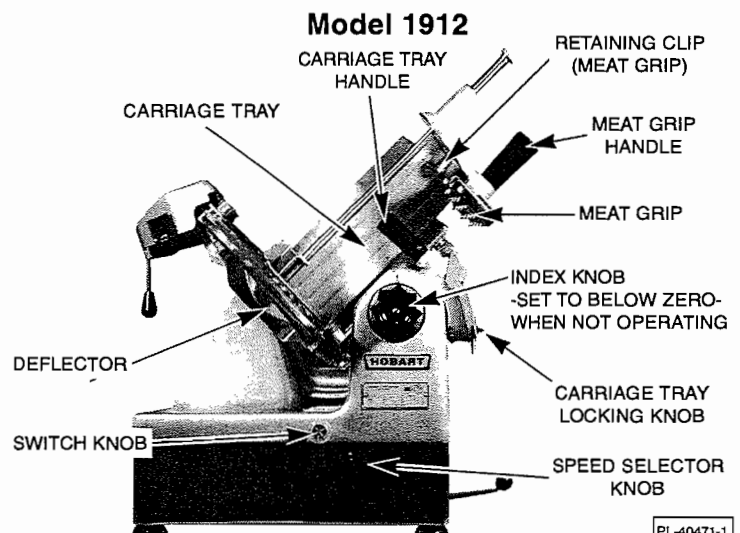


Fig. 5

WARNING: ROTATING KNIFE. USE FEED GRIP. UNPLUG BEFORE CLEANING, SERVICING, OR REMOVING PARTS. REPLACE PARTS BEFORE USE.

SLICING — MODEL 1812

Pull the Carriage all the way toward you until it reaches its stop. With the Meat Grip out of the way, place the product to be sliced on the Carriage Tray. Set the Meat Grip against the product. Turn the slicer on by pulling the Switch Knob (Fig. 5).

If the Meat Grip is not needed, it may be stored out of the way by sliding it to the top of its travel, rotating it under the Carriage Tray, and allowing it to rest in the Retaining Clip (Fig. 5).

Adjust the gauge plate to obtain the desired slice thickness by turning the Index Knob (Fig. 5). The numbers on the Index Knob do not indicate actual measurements but may be used for reference to duplicate slice thickness.

Use the Carriage Tray Handle (Fig. 5) to push the Carriage back and forth to slice.

SLICING — MODEL 1912

Pull the Carriage all the way toward you until it reaches its stop. With the Meat Grip out of the way, place the product to be sliced on the Carriage Tray. Adjust the fence by loosening the thumb screw and sliding the fence so that it is close to the product but not pushing against it. Tighten the thumb screw. Set the Meat Grip against the product. Turn the slicer on by pulling the Switch Knob (Fig. 5).

If the Meat Grip is not needed, it may be stored out of the way by sliding it to the top of its travel, rotating it under the Carriage Tray, and allowing it to rest in the Retaining Clip (Fig. 5).

Adjust the gauge plate by turning the Index Knob (Fig. 6) to obtain the desired slice thickness.

The numbers on the Index Knob do not indicate actual measurements but may be used for reference to duplicate slice thicknesses.

Use the Carriage Tray Handle (Fig. 6) to push the Carriage back and forth to slice manually.

To operate the slicer automatically, make sure the Speed Selector Knob (Fig. 5) is set to low speed (knob is pushed in), pull the Carriage all the way towards you until it reaches its stop (or HOME position), lift the Actuating Lever (Fig. 7) to its locked position, and gently push the carriage to engage the driving unit. Always start automatic slicing in low speed.

To change to high speed, pull the Speed Selector Knob out (when the carriage is at the HOME position) and rest the notch in the speed selector on the shifter sleeve. Release the speed selector to shift back to low speed.

To disengage the driving unit, push the Locking Clip (Fig. 7) when the carriage is nearing the HOME position. Always leave the driving unit in low speed (Speed Selector Knob is pushed in) when the slicer is not operating automatically.

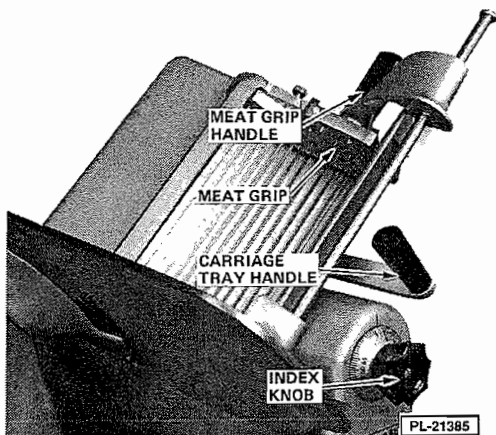


Fig. 6

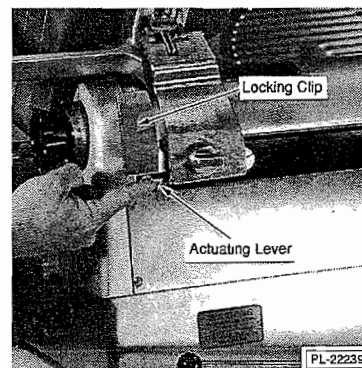


Fig. 7

CLEANING

This machine **MUST** be thoroughly cleaned and sanitized after each day's operation or anytime it is not to be used for an extended period of time.

WARNING: THE SLICER KNIFE IS VERY SHARP. EXERCISE EXTREME CAUTION WHEN WORKING NEAR THE KNIFE.

WARNING: UNPLUG MACHINE POWER CORD AND TURN THE INDEX KNOB FULLY CLOCKWISE BEFORE CLEANING THE SLICER.

Using a mild detergent and hot water solution and a clean cloth, wipe all surfaces of the machine. Rinse using another clean cloth and fresh water (Fig. 8). Use only products formulated to be safe on stainless steel or aluminum.

Clean the ring guard by inserting a thin cloth soaked in a detergent/hot-water solution. Insert cloth between the Ring Guard and the Knife. Place right hand above and left hand below the gauge plate. While holding the cloth with both hands, work it between the knife and ring guard. Pull the cloth completely around the ring guard (Fig. 9). Repeat this procedure if needed.

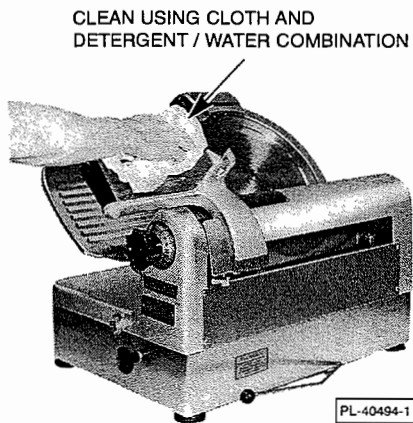


Fig. 8



Fig. 9

CAREFULLY wash and rinse both sides of the knife by wiping outward from the center. Never use steel pads to clean the knife.

Remove the Top Knife Cover by rotating the Latch Knob (Fig. 10). Remove the Deflector (Fig. 5) from the knife support. Wash and rinse both sides of the Top Knife Cover and Deflector.

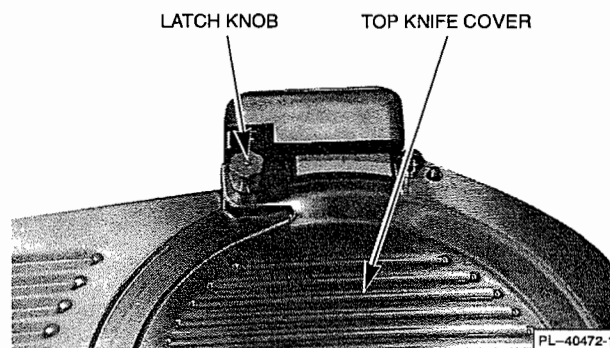


Fig. 10

Remove the sharpener by pushing the Lock Lever to the left (Fig. 11) and lifting sharpener up off the bracket. Clean the sharpener using mild detergent / hot water solution and a clean cloth. Wipe out any product residue. Rinse with clean water.

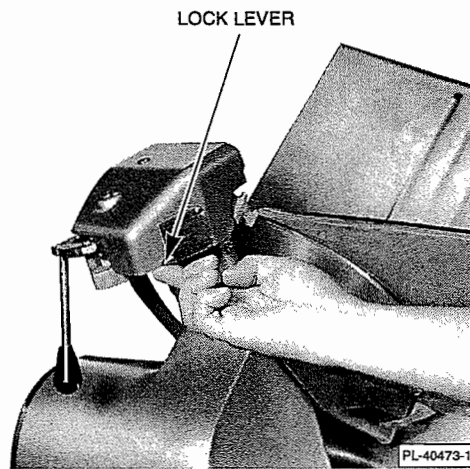


Fig. 11

Do not exceed chemical manufacturer's recommended concentrations for detergent or sanitizer. Do not exceed 200 parts per million concentration of available chlorine. For example, mixing 1 tablespoon of 5.25% sodium hypochlorite bleach with 1 gallon of water yields a solution containing 200 ppm of available chlorine. Solution with concentrations greater than 200 ppm will accelerate corrosion of metals. Maximum exposure to sanitizing solution varies with temperature and concentration. Rinse with clean water.

Carefully re-assemble the Top Knife Cover and Deflector. The Ring Guard is not removable.

To reassemble sharpener, place sharpener into position on the bracket, lift front of sharpener slightly, and slide back so that rear slot on sharpener slides over rear guide pin on bracket (Fig's. 12 & 13). Press down to engage sharpener over front guide pin on bracket (Fig. 12). Slide Lock Lever to the right (Lock position). Ensure that sharpener is tightly engaged.

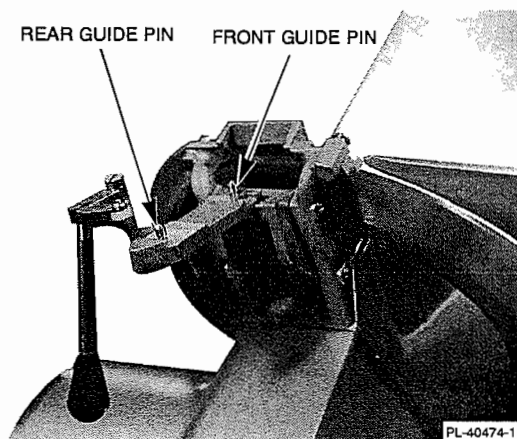


Fig. 12

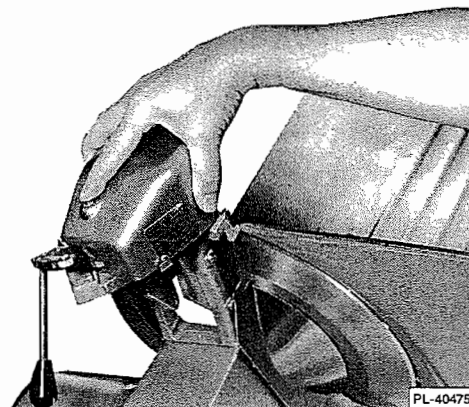


Fig. 13

WARNING: MOVING PARTS INSIDE. RAISE ONLY FOR CLEANING UNDER MACHINE. DO NOT OPERATE SLICER IN THE RAISED POSITION.

The Model 1812 Slicer has a cleaning leg which is underneath the machine. To clean under the 1812 Slicer, raise the index knob end of the machine and support it with the cleaning leg.

To clean under the 1912 Slicer and the 1812 slicer with a Lift Lever, raise the Lift Lever past center to its stop (Fig. 14). After cleaning, return the slicer to its normal position by slowly retracting the Lift Lever.

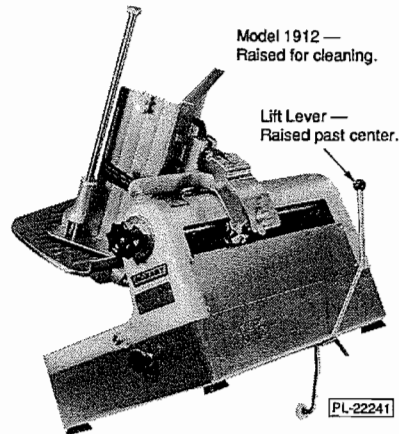


Fig. 14

DO NOT wash any slicer components in a dishwasher.

If using a chlorinated sanitizing solution, dilute per manufacturer's guidelines to prevent discoloration of the base. **NOTE:** Failure to follow use, care, and maintenance instructions may void your Hobart warranty.

MAINTENANCE

KNIFE SHARPENING

The Hobart cast stainless steel knife will provide long service in normal food retail or commercial kitchen use. However, in high volume applications where it is a practice to sharpen the knife frequently or even daily, the knife will be expended in a shorter time.

Sharpen only when necessary; prolonged or too frequent sharpening results in unnecessary knife wear.

WARNING: UNPLUG MACHINE POWER CORD.

Turn the index knob fully clockwise.

Remove the Top Knife Cover by rotating the Latch Knob (Fig. 15).

Thoroughly wash the area around the knife, the exposed knife surfaces and the knife edge. Grease should not be allowed to transfer from the knife to the grind stones.

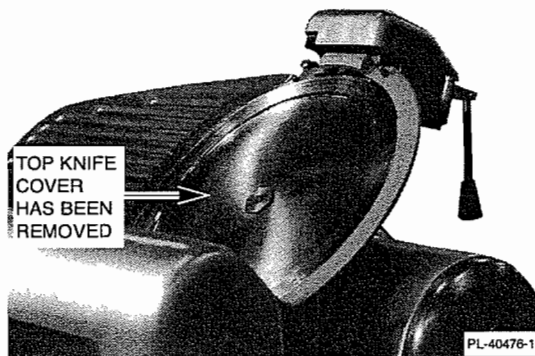


Fig. 15

Plug in machine power cord and pull the lighted switch knob to start the slicer.

With left hand, lift sharpener handle to a horizontal position (Fig. 16).

Pull sharpener handle toward you, applying pressure until the handle has gone as far as it will go (Fig. 17). Sharpen knife for 5 seconds. Release sharpener handle. If necessary, repeat sharpening for another 5 seconds.

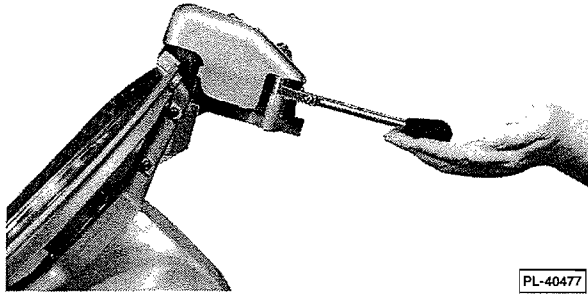


Fig. 16

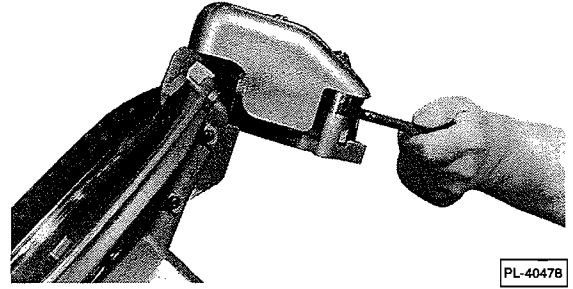


Fig. 17

Turn the slicer off. Unplug machine power cord.

Wipe the slicer with a clean damp cloth to remove any grinding particles.

Replace the Top Knife Cover.

NOTE: Sharpening stones are expendable and not covered under warranty.

LUBRICATION

WARNING: UNPLUG MACHINE POWER CORD.

The carriage Slide Rod Reservoir (Fig. 18) should be filled monthly with several drops of Lubriplate FM0-200-AW lubricant which was supplied with the slicer. DO NOT use vegetable oil.

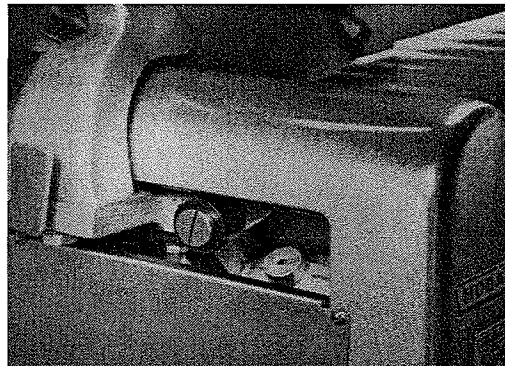


Fig. 18

Occasionally, the gauge plate slide rods (Fig. 19) should be lightly coated with the same lubricant. Turn the index knob fully counterclockwise when lubricating these slide rods, and then turn it fully clockwise when finished. Wipe off excess lubricant.

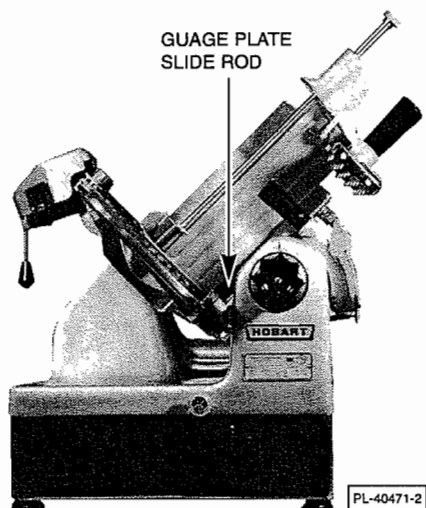


Fig. 19

DO NOT lubricate the meat grip slide rod. It must be kept clean but not lubricated.

Additional lubricant is available from your local Hobart Service Office.

The motor has sealed bearings and requires no lubrication maintenance.

WEAR ADJUSTMENT

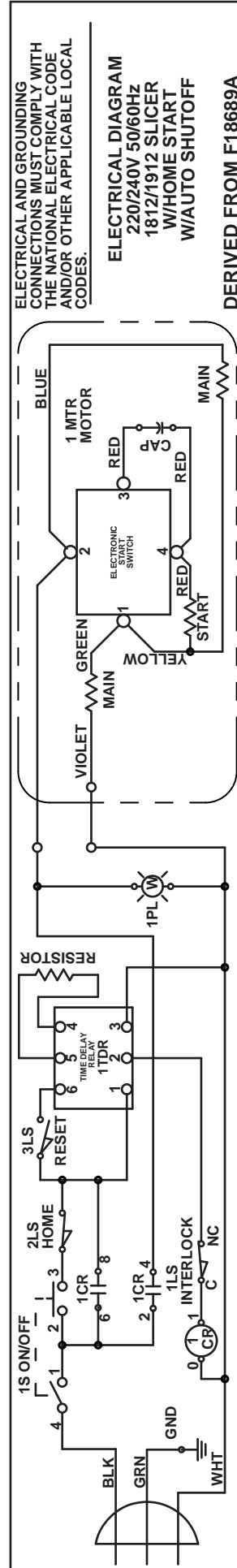
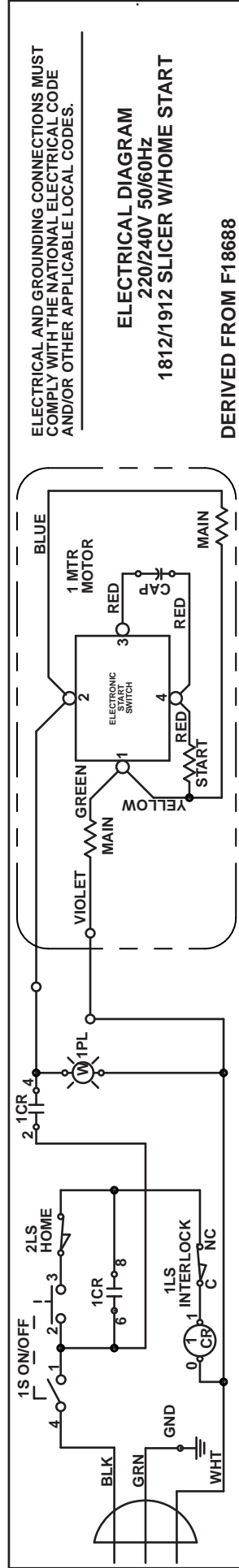
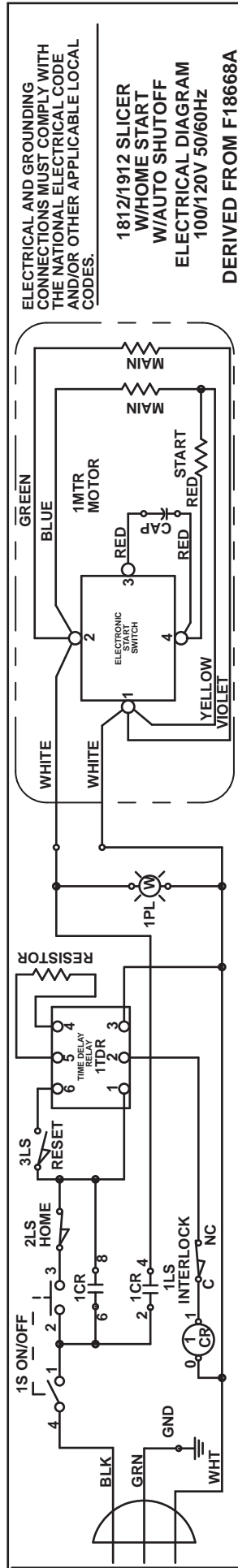
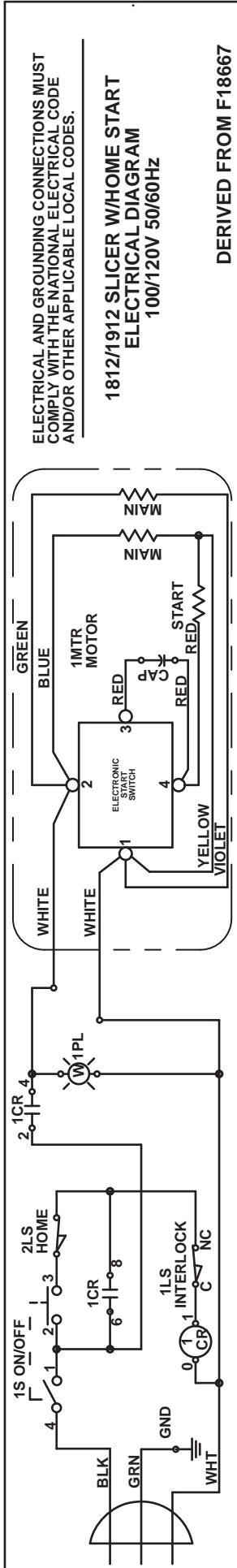
After several years of operation and many sharpenings of the knife, it may become necessary to have the gauge plate adjusted closer to the knife. Contact your local Hobart Service Office if this service becomes necessary as it must be done by an authorized Hobart Service Technician.

TROUBLESHOOTING 1812 SLICER

SYMPTOM	POSSIBLE CAUSE
Motor will not start, switch in start position.	<ol style="list-style-type: none"> 1. No power to slicer. 2. Carriage tray unit not in home position. 3. Check power cord.
Power switch in run position, motor will not stay running.	<ol style="list-style-type: none"> 1. Off – On – Start switch malfunction.
Slicer will not shut off.	<ol style="list-style-type: none"> 2. Off – On – Start switch malfunction.
Hard to slice.	<ol style="list-style-type: none"> 1. Blade dull. 2. Carriage bearing assembly not free on slide rods.

NOTE:

If symptom(s) persists after possible causes have been checked, contact your local Hobart Service Office.





CATALOG OF REPLACEMENT PARTS



SLICERS (INCLUDES MOTOR PARTS)

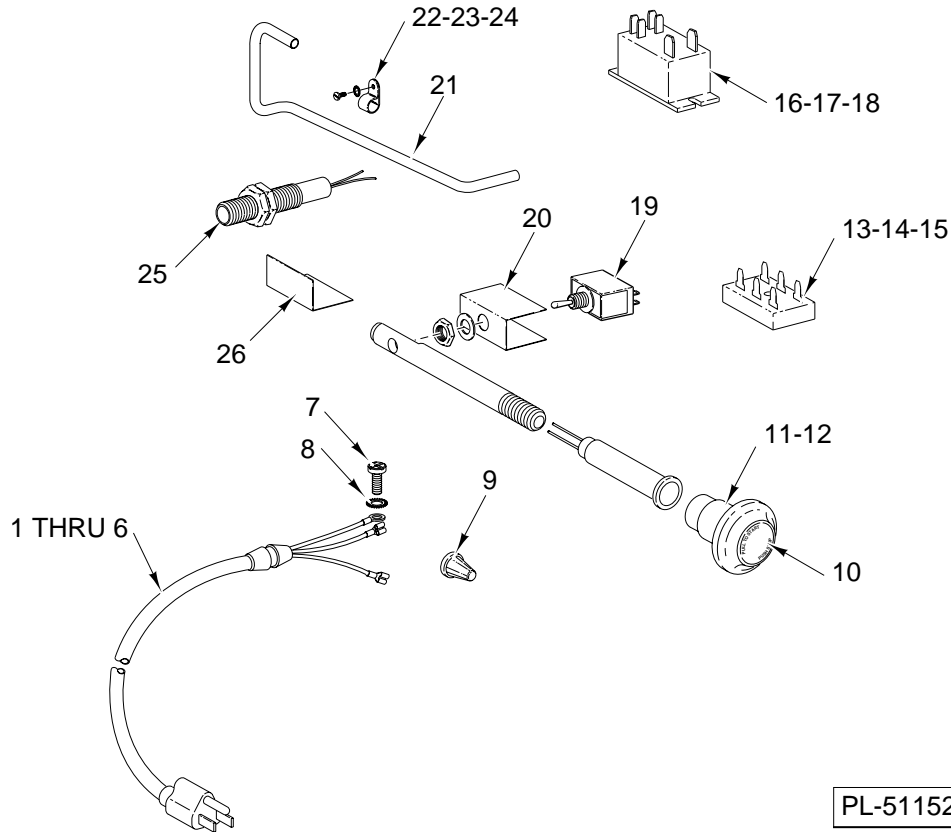
1812
1912

ML-104550
ML-104552

**THIS MANUAL REPLACES AND SHOULD BE
USED INSTEAD OF FORM 18652**

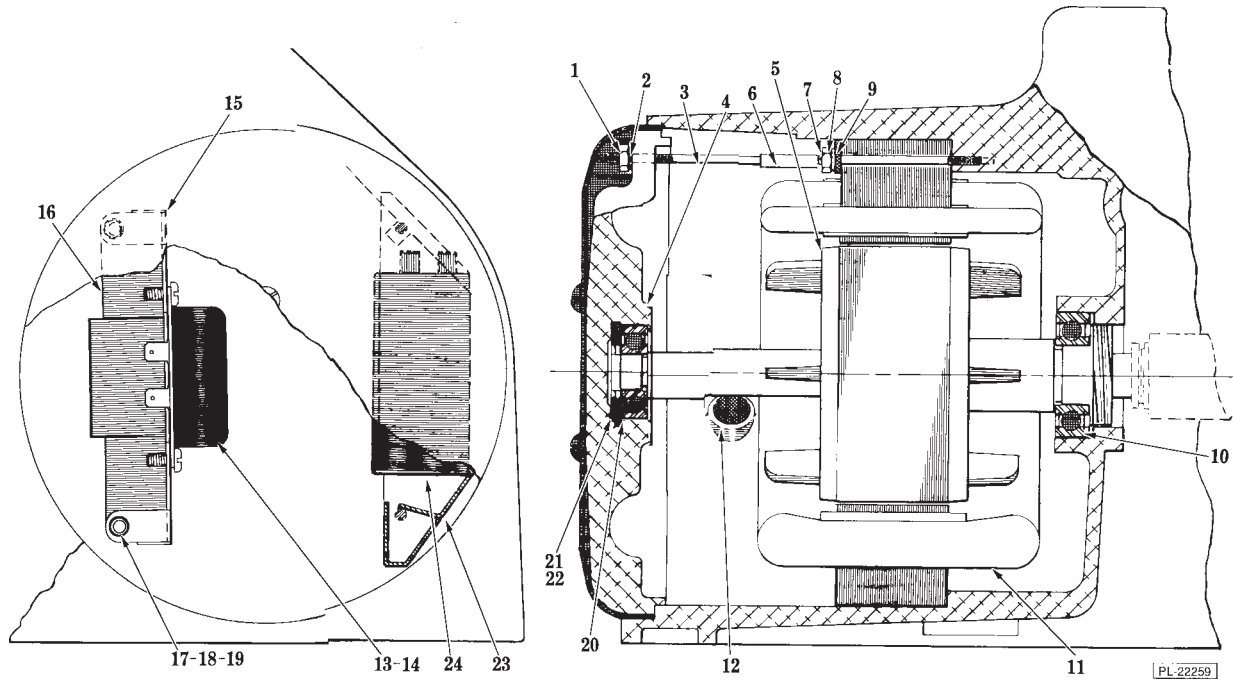
PRIOR ML'S COVERED IN THIS MANUAL:

ML-104275
ML-104377



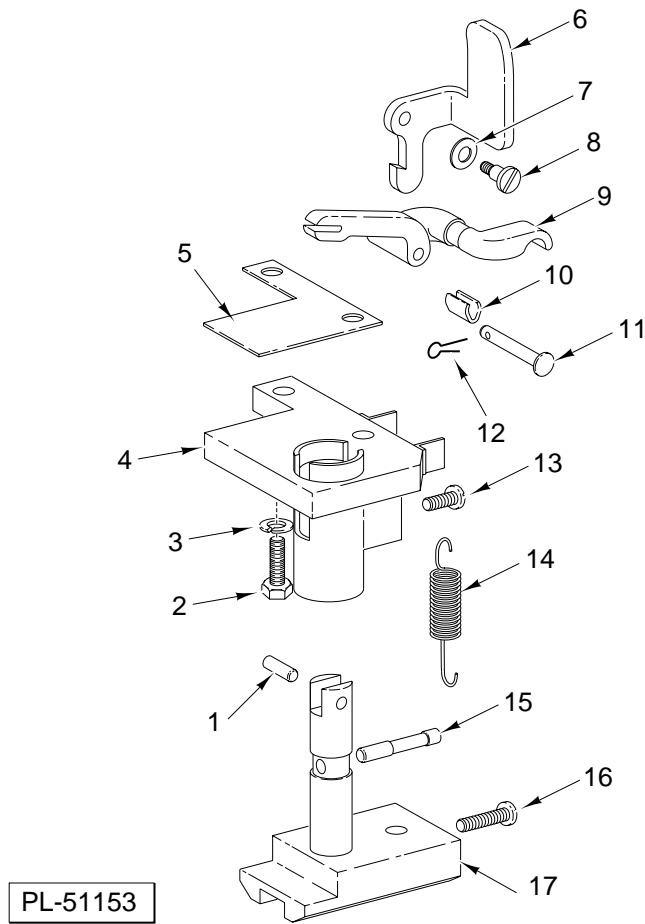
ELECTRICAL UNIT

ILLUS. PL-51152	PART NO.	NAME OF PART	AMT.
	1	123856-1 Cord & Plug Assy.(Under 150 V.)	1
	2	123856-2 Cord & Plug Assy. (200 - 250 V.)	1
	3	123858 Cord Assy.(I.E.C.)	1
	4	RR-8-13 Retaining Ring (Use with items 1 & 2)	1
	5	WS-5-36 Washer (Use with item 3)	2
	6	FE-6-32 Strain Relief (Use with item 3)	2
	7	SD-24-13 Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT	1
	8	WL-10-1 Lockwasher 8 External Shakeproof	1
	9	FE-6-29 Wire Nut (14-22 Ga.)	3
	10	76902 Disc - Insert	1
	11	438294-1 Disc & Lighted Knob Assy. (Under 150 V.)(Incls.item 10)	1
	12	438294-2 Disc & Lighted Knob Assy. (200 - 250 V.)(Incls.item 10)	1
	13	SD-37-95 Self-Tapping Screw 10-24 x 1 Phil. Pan Hd., Type TT (Auto-Shut-Off Only)	1
	14	87714-39-3 Timer - Relay (Under 150 V.) (Auto-Shut-Off Only)	1
	15	87714-39-4 Timer - Relay (200 - 250 V.) (Auto-Shut-Off Only)	1
	16	SD-12-34 Self-Tapping Screw 8-32 x 5/16 Pan Hd., Type T	2
	17	87714-42-1 Relay (2 Pole)(Under 150 V.)	1
	18	87714-42-3 Relay (2 Pole) (220 - 240 V.)	1
	19	120388 Switch & Label Assy. (With Auto Shut-Off)	1
	20	437657 Switch - Mylar	1
	21	437635 Conduit (Copper Tubing)	1
	22	438015-1 Clamp (Aluminum)	1
	23	WL-10-1 Lockwasher 8 External Shakeproof	1
	24	SD-24-13 Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT	1
	25	87711-243-2 Sensor (Home Position And/Or Auto-Shut-Off)	AR
	26	438130 Insulator - Switch	1



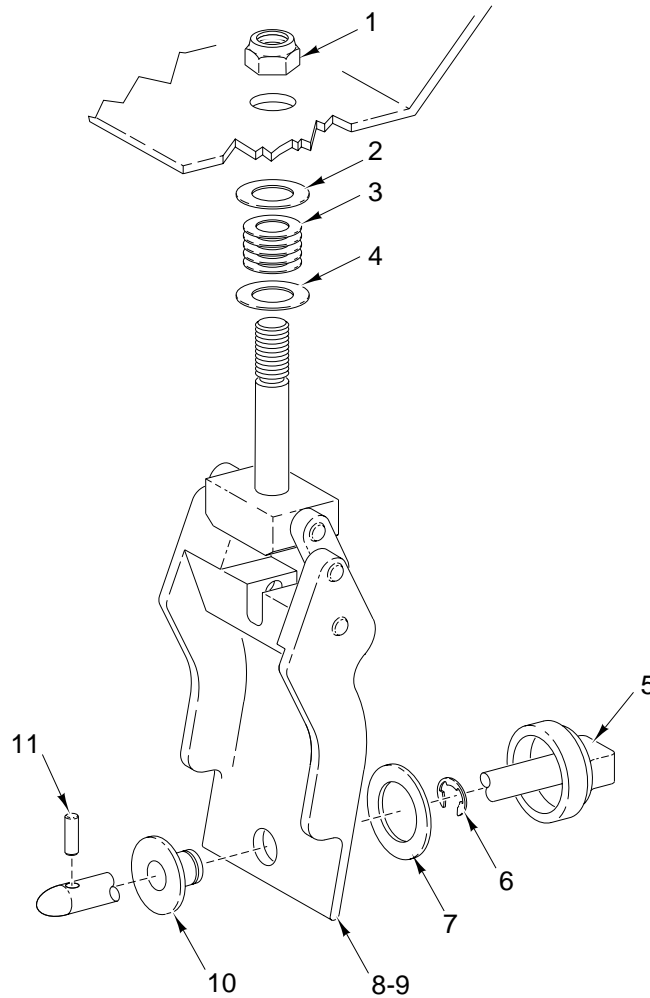
MOTOR PARTS

ILLUS. PL-22259	PART NO.	NAME OF PART	AMT.
0	437626	Shaft - Indexing	1
1	NS-9-12	Mach. Nut 8-32 Hex	4
2	WL-7-6	Lockwasher 8 External Shakeproof	4
3	120048	Stud - Stator	4
4	110293	Bracket - Bearing	1
5	274761	Rotor	1
6	103661-17	Tubing - Insulator 3/4 lg	2
7	NS-9-12	Mach. Nut 8-32 Hex	4
8	WS-2-15	Washer	4
9	293454	Retainer - Stator	4
10	BB-15-41	Ball Bearing - N.D. #Z993L04	1
11	271639	Stator Assy. (All Voltages)	1
12	70418	Bushing - Motor Leads	1
13	271612-2	Switch - Electronic Start (50/60 Hz.)	1
14	SD-24-13	Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT	2
15	271613	Plate - Motor Switch	1
16	271614	Insulator - Motor Switch	1
17	103661-15	Tubing - Insulator 1 1/2 lg	1
18	WS-2-15	Washer	2
19	NS-9-12	Mach. Nut 8-32 Hex	2
20	BB-18-12	Ball Bearing - Fafnir #P201KDD	1
21	21046-2	Washer - Bumper (1/32 Thk.)	2
22	SL-2-2	Spring - Loading - N.D. #S-12	1
23	278280	Retainer - Capacitor	1
24	70487-21	Capacitor (50/60 Hz.)	1



**ACTUATING MECHANISM
1912**

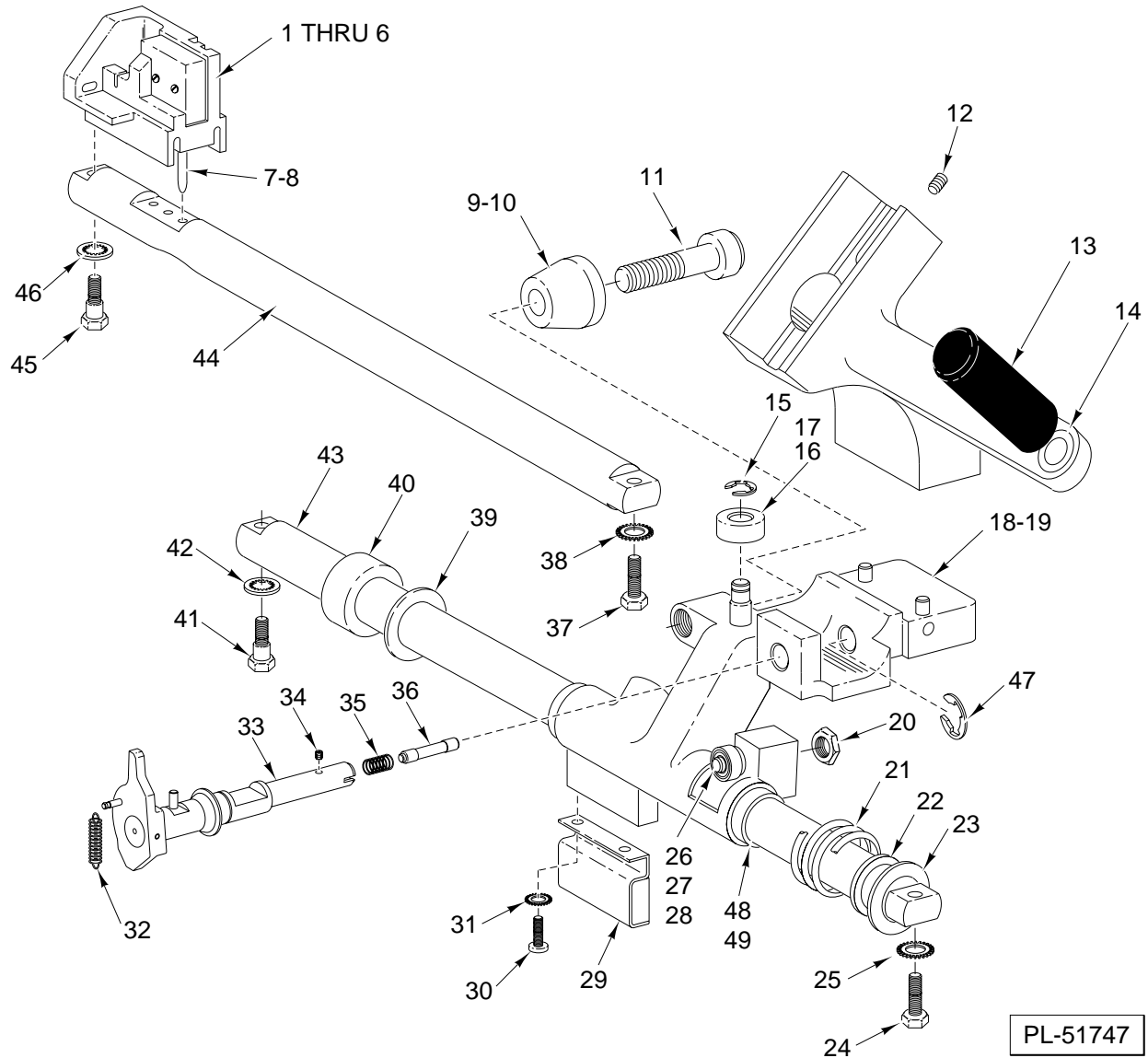
ILLUS. PL-51153	PART NO.	NAME OF PART	AMT.
1	11800-137	Dowel	1
2	SC-62-81	Cap Screw 5/16-18 x 7/8 Hex Hd.	2
3	WL-6-22	Lockwasher 5/16 Light	2
4	83424	Base and Brg. Assy	1
5	437643	Plate - Stop (1812 Only)	1
6	437638	Clip - Locking	1
7	WS-2-43	Washer	1
8	437786	Screw - Shoulder	1
9	437785	Lever - Actuating Mech.	1
10	70245	Clip - Lever Wear	1
11	70297	Pin - Hinge	1
12	PC-3-23	Cotter Pin 1/16 x 1/2	1
13	SC-60-21	Mach. Screw 10-24 x 1/4 Rd. Hd.	1
14	70399	Spring - Actuating Mech	1
15	118161	Dowel - Yoke & Shaft Locating	1
16	SC-60-20	Mach. Screw 10-24 x 1 Rd. Hd.	1
17	70266	Yoke & Shaft Assy	1



PL-51746

LEVER TRAY UNIT

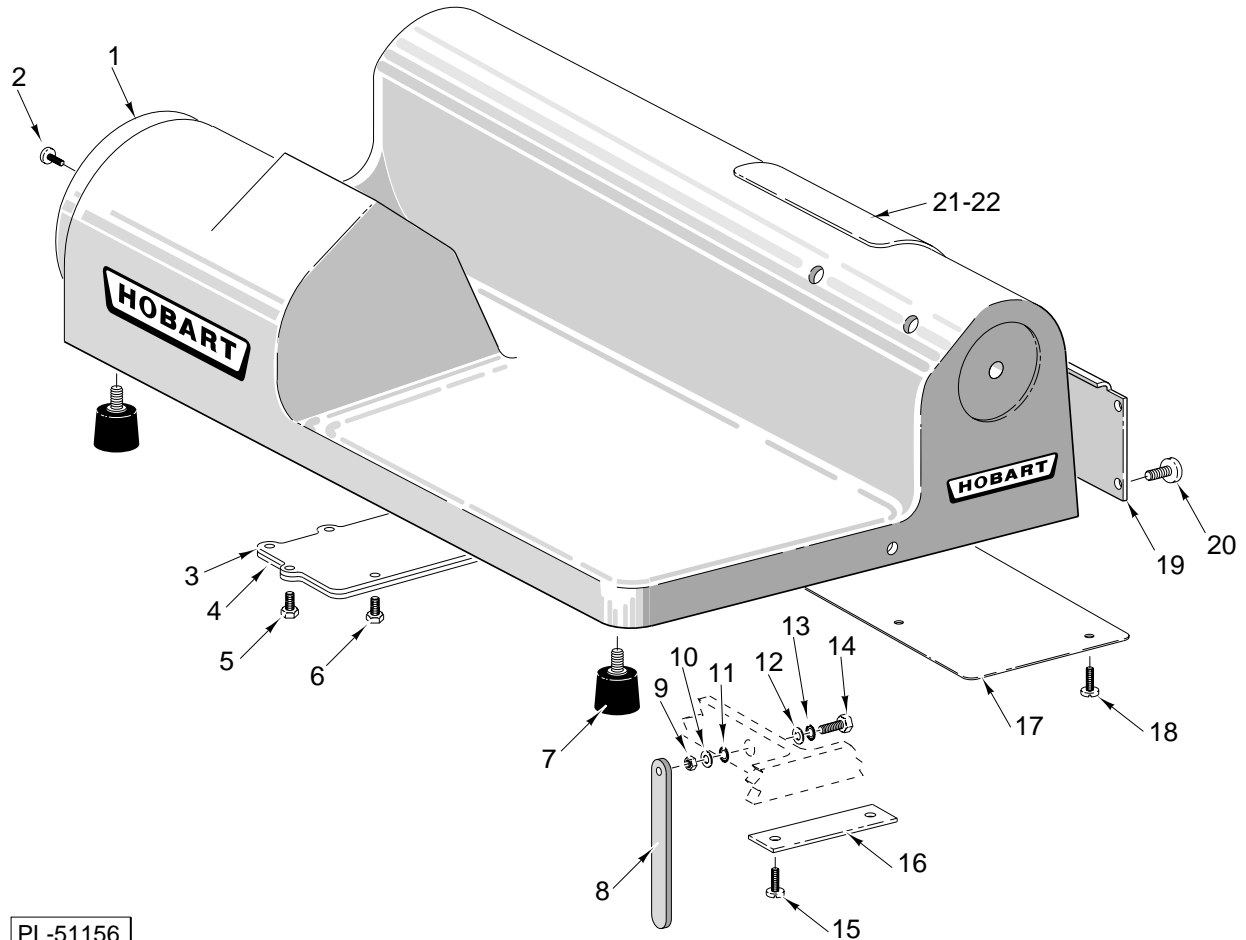
ILLUS. PL-51746	PART NO.	NAME OF PART	AMT.
1	NS-36-12	Stop Nut 3/8-24 "Elastic"	1
2	WS-21-1	Washer	AR
3	437654	Spring - Belleville	4
4	WS-21-1	Washer	AR
5	437873	Knob & Shaft	1
6	RR-11-3	Retaining Ring	1
7	438138	Washer - Knob Interlock	1
8	438296	Lever - Tray Assy.(Use with Carriage Trays)	1
9	438296-2	Lever - Tray Assy.(For use with Food Chutes)	1
10	437653	Bushing - Knob	1
11	PG-11-17	Groov Pin 1/8 x 3/16 (SST)	1



**SIDE ROD & BEARING
CARRIER UNIT**

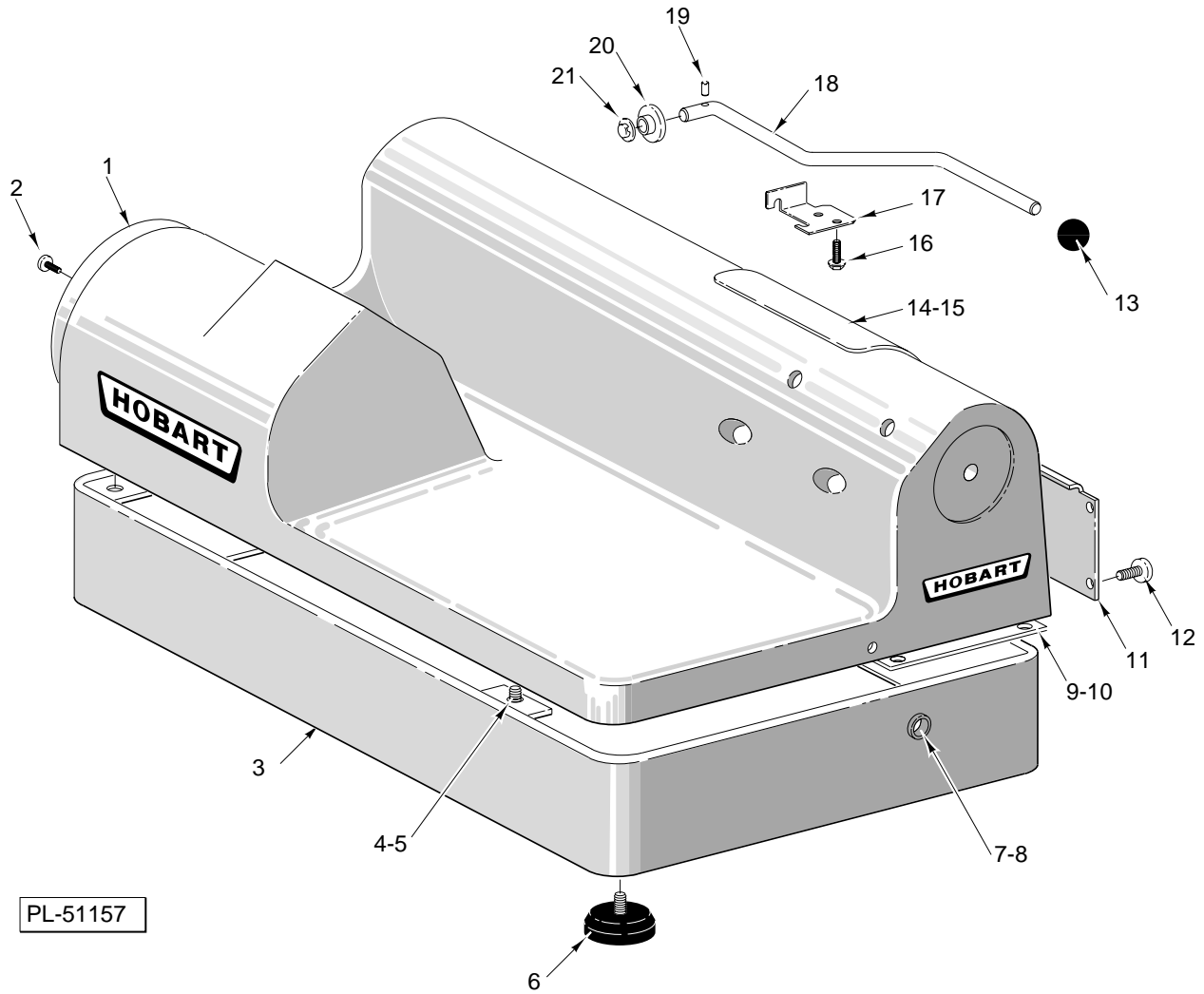
SIDE ROD & BEARING CARRIER UNIT

ILLUS. PL-51747	PART NO.	NAME OF PART	AMT.
1	87711-242-1	Switch - Lockout	1
2	437632	Bracket - Switch Mounting	1
3	SC-111-4	Mach. Screw 2-56 x 5/8 Rd. Hd. (Mounts switch to bracket)	2
4	NS-46-7	Mach. Nut 2-56 (Mounts switch to bracket)	2
5	WL-8-48	Lockwasher 2 Int."Shakeproof"(Mounts switch bracket to slide rod)	2
6	SC-93-4	Mach Screw 8-32 x 1/2 Phil. Pan Hd. (Mounts switch bracket to slide rod)	1
7	437637	Spring - Compression	1
8	437634	Plunger	1
9	10928-2	Nut - Special	1
10	274899	Roller - Horizontal	1
11	274898	Stud - Horizontal Roller	1
12	SC-118-52	Set Screw 1/4-20 x 1/2 Hdls. Cup Pt.	1
13	70194	Handle - Gauge Plate	1
14	88749-3	Carriage Support & Plug Assy.(Incls.items 12 & 13)	1
15	RR-9-15	Retaining Ring	1
16	274897	Roller - Vertical	1
17	BB-4-11	Ball Bearing - Hoover #626ZZ	1
18	437877	Carriage Bearing Assy.(Incls.items 20, 26, 27, 28 & 48)	1
19	274895	Wick - Carriage Bearing	1
20	10928-2	Nut - Special	1
21	274903	Spring - Carriage Bearing	2
22	435707	Washer - Bumper (Rubber)	1
23	435708	Washer - Backup (SST)	1
24	SC-41-15	Cap Screw 5/16-18 x 1 1/4 Hex Hd.	1
25	WL-7-20	Lockwasher 5/16 Ext. "Shakeproof"	1
26	109870	Stud - Eccentric	1
27	BB-4-11	Ball Bearing - Hoover #626ZZ	1
28	RR-9-15	Retaining Ring	1
29	438701	Magnet Housing Assy.	1
30	WL-13-8	Lockwasher 8 Internal Shakeproof	2
31	SC-25-26	Mach. Screw 8-32 x 3/8 Bdg. Hd.(Mounts switch to bracket)	2
32	437642	Spring - Extension	1
33	438295	Shaft - Lock Assy.	1
34	SC-116-81	Set Screw 8-32 x 3/16 Soc. Hdls., Cup Pt.	1
35	437641	Spring - Compression	1
36	437640	Plunger - Shaft	1
37	SC-41-15	Cap Screw 5/16-18 x 1 1/4 Hex Hd.	1
38	WL-7-20	Lockwasher 5/16 Ext. "Shakeproof"	1
39	435707	Washer - Bumper (Rubber)	1
40	437630	Spacer	1
41	437778	Screw - Shoulder	1
42	WL-8-27	Lockwasher 3/8 Internal Shakeproof	1
43	437837	Slide Rod - Lower	1
44	437629	Slide Rod - Upper	1
45	437778	Screw - Shoulder	1
46	WL-8-27	Lockwasher 3/8 Internal Shakeproof	1
47	RR-11-94	Retaining Ring	1
48	437610	Bushing - Nyloner (Incls.item 49)	2
49	437612	Liner - Bushing	2
	86262	Eccentric Stud, Bearing & Nut Assy.(Incls.items 20, 26, 27 & 28)	1



1812 BASE UNIT

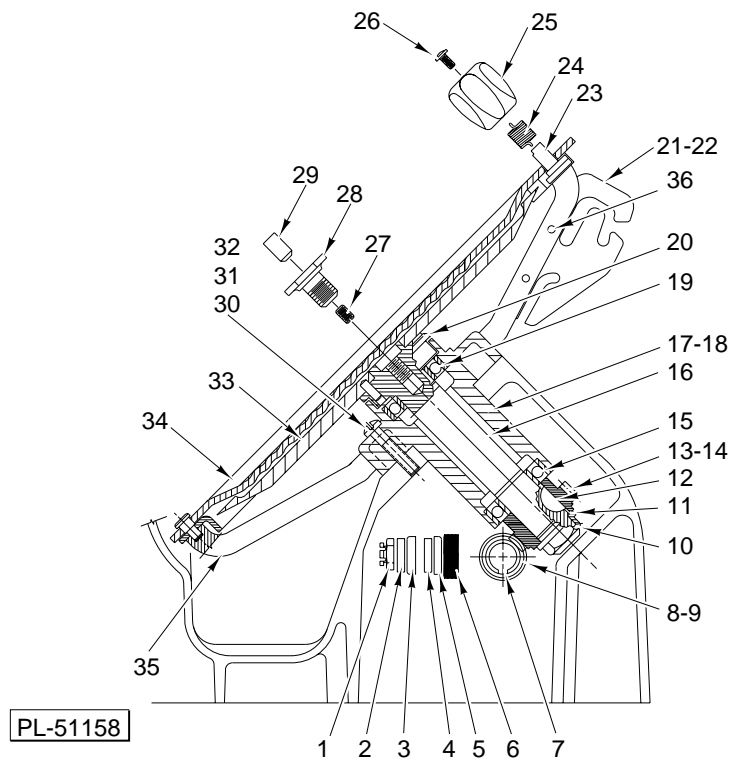
ILLUS. PL-51156	PART NO.	NAME OF PART	AMT.
1	70238	Cover - Bearing Bracket	1
2	SD-24-19	Self-Tapping Screw 8-32 x 3/8 Truss Hd., Type TT	2
3	117710	Gasket - Gear Case Cover	1
4	116670	Cover - Gear Case	1
5	SD-24-4	Self-Tapping Screw 10-24 x 5/8 Hex Hd., Type TT	5
6	SD-24-5	Self-Tapping Screw 5/16-18 x 5/8 Hex Hd., Type TT	2
7	18682-1	Bumper	4
8	437865	Leg - Cleaning	1
9	NS-15-1	Full Nut 1/4-20 Hex	2
10	WS-17-21	Washer	1
11	WL-14-10	Lockwasher 1/4 Ext. "Shakeproof"	1
12	WS-17-21	Washer	1
13	WL-14-10	Lockwasher 1/4 Ext. "Shakeproof"	1
14	SC-41-2	Cap Screw 1/4-20 x 1 Hex Hd.	1
15	SD-24-13	Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT	2
16	437866	Retainer - Leg	1
17	437655	Cover - Electronics	1
18	SD-24-13	Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT	7
19	274902	Panel - Side	1
20	SC-10-32	Mach. Screw 8-32 x 3/8 Truss Hd.	4
21	438169	Access Cover - Slide Rods	1
22	SD-37-77	Self-Tapping Screw 6-32 x 3/8 Truss Hd., Type T	4



PL-51157

1912 BASE UNIT

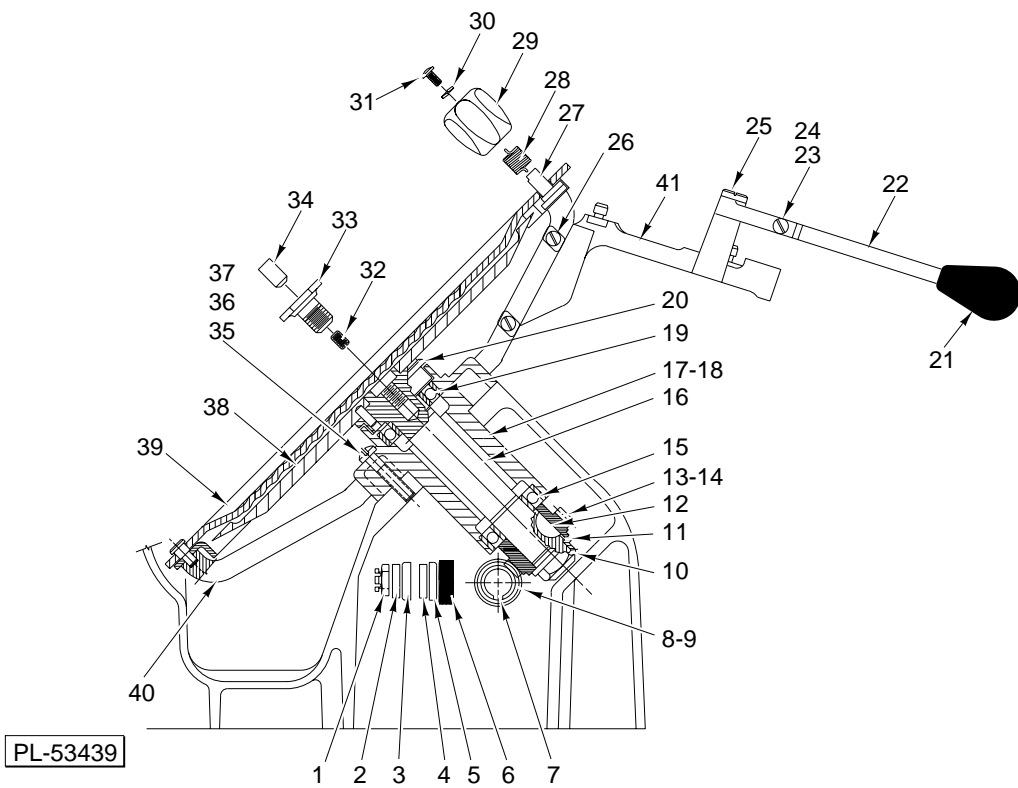
ILLUS. PL-51157	PART NO.	NAME OF PART	AMT.
1	70238	Cover - Bearing Bracket	1
2	SD-24-19	Self-Tapping Screw 8-32 x 3/8 Truss Hd., Type TT	2
3	290038-1	Sub - Base & Bushing Assy. (Incls.items 4, 7 & 8)	1
4	SC-62-81	Cap Screw 5/16-18 x 7/8 Hex Hd.	4
5	WL-3-44	Lockwasher 5/16 Medium	4
6	83681	Foot	4
7	290063	Bushing - Shifter Sleeve	1
8	RR-10-13	Retaining Ring	1
9	437655	Cover - Electronics	1
10	SD-24-13	Self-Tapping Screw 8-32 x 3/8 Pan Hd., Type TT	7
11	274902	Panel - Side	1
12	SC-10-32	Mach. Screw 8-32 x 3/8 Truss Hd.	4
13	106503	Knob - Lifting Lever	1
14	438169	Access Cover - Slide Rods	1
15	SD-37-77	Self-Tapping Screw 6-32 x 3/8 Truss Hd., Type T	4
16	SD-9-16	Self-Tapping Screw 1/4-20 x 3/4 Hex Hd., Type F	2
17	121920	Retainer - Lifting Lever	1
18	106504	Lever - Lifting	1
19	RR-9-10	Retaining Ring	1
20	108001	Foot - Lifting Lever	1
21	106502	Push Nut	1
	106505	Lever & Foot Assy. (Incls.items 13 & 18 thru 21)	1



**KNIFE UNIT
(ML-104377 & ML-104275)**

**KNIFE UNIT
(ML-104377 & ML-104275)**

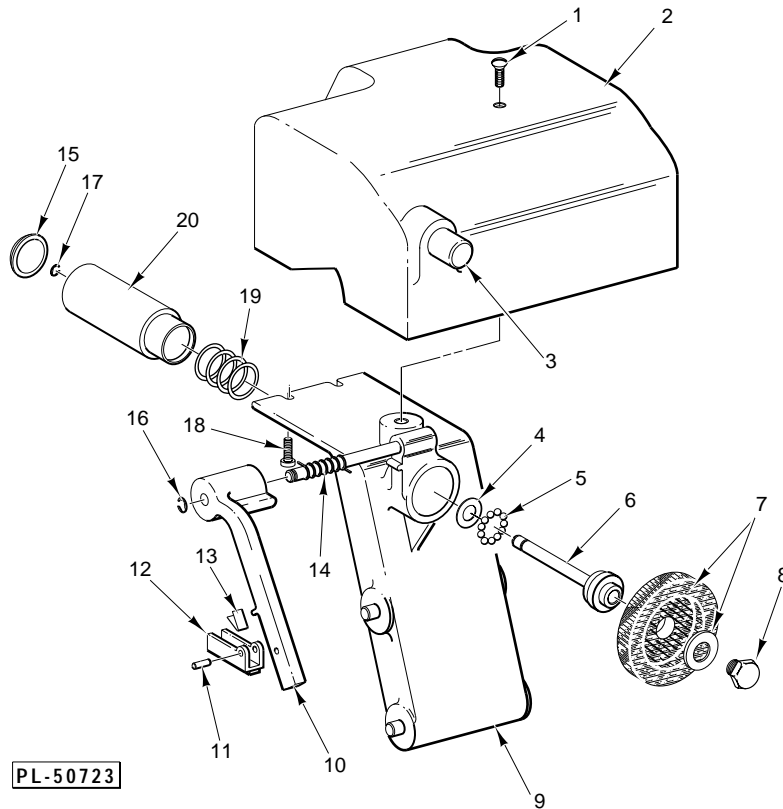
ILLUS. PL-51158	PART NO.	NAME OF PART	AMT.
1	NS-32-23	Lock Nut 7/16-20 "Flexloc"	1
2	437113	Washer - Special	1
3	WS-7-50	Washer	1
4	274760-1	Washer - Shock (3/64 I.D.)	1
5	274759	Retainer - Washer	1
6	70239	Conveyor - Oil	1
7	12430-3	Key 1/8 Sq. x 1 1/8 Lg.	1
8	437575	Worm (5T) (1912) (Use with item 18)	1
9	294193	Worm (4T) (1812) (Use with item 17)	1
10	NS-46-29	Lock Nut 3/4-16 Flexlox	1
11	WS-11-46	Washer	1
12	KW-3-10	Key - 606 Woodruff	1
13	274908-2	Gear - Knife Shaft Worm (24T) (1912)	1
14	274908-1	Gear - Knife Shaft Worm (25T) (1812)	1
15	BB-15-8	Ball Bearing MRC 105KSZZ-01-ST-A-92-C	1
16	435785	Knife Shaft & Dowel	1
17	437005-1	Knife Shaft Guard Ring & Hub Assy. (1812) (Incls.items 10 thru 12, 14, 15, 21 & 22)	1
18	437005-2	Knife Shaft Guard Ring & Hub Assy. (1912) (Incls.items 10 thru 13, 15, 21 & 22)	1
19	BB-15-8	Ball Bearing MRC 105KSZZ-01-ST-A-92-C	1
20	111154	Ring - Knife Shaft	1
21	437008	Plate - Cam Sharpener	2
22	NS-25-1	Nut-Crown 10-24	4
23	437880	Stud - Top Cover Locking	1
24	437994	Spring - Top Cover	1
25	437879	Knob - Top Cover Locking	1
26	SC-122-53	Mach. Screw 4-40 x 5/8 Phil. Pan Hd.	1
27	SC-64-4	Set Screw 1/4-28 x 3/8 Hdls., Flat Pt. "Nylok"	1
28	73356-2	Screw - Knife (Incls.items 27 & 29)	1
29	73265	Plug - Plate Thrust	1
30	SD-37-44	Self-Tapping Screw 1/4-20 x 1 1/8 Pan Hd., Type TT	4
31	WS-22-8	Washer	2
32	435401	Spacer - Deflector Mounting	2
33	275913-1	Knife (Service)	1
34	437422	Top Knife Cover Assy. (Packaged) (Incls.items 23 thru 26)	1
35	438297	Ring Assy. W/Cam Plates (Incls.items 21, 22 & 36)	1
36	437211	Stud - Cam Plate	4



**KNIFE UNIT
(ML-104550 & ML-104552)**

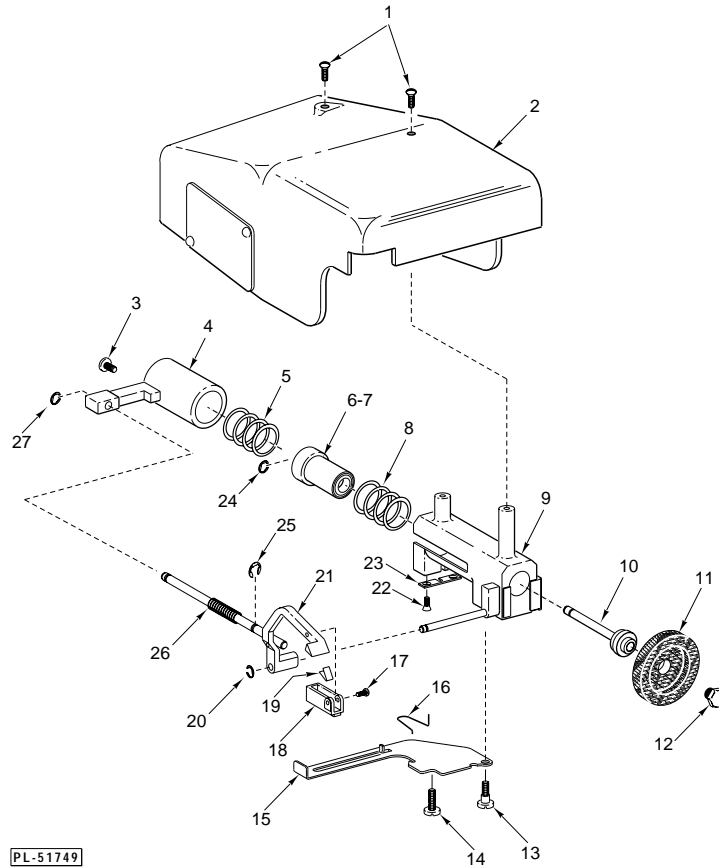
KNIFE UNIT
(ML-104550 & ML-104552)

ILLUS. PL-53439	PART NO.	NAME OF PART	AMT.
1	NS-032-23	Lock Nut 7/16 -20 "Flexloc"	1
2	00-437113	Washer - Special	1
3	WS-007-50	Washer	1
4	00-274760-00001	Washer - Shock (4 7/64 I.D.)	1
5	00-274759	Retainer - Washer	1
6	00-070239	Conveyor - Oil	1
7	00-012430-00003	Key 1/8 Sq. x 1 1/8 Lg.	1
8	00-437575	Worm (5T) (1912) (Use with Item 18)	1
9	00-294193	Worm (4T) (1812) (Use with Item 17)	1
10	NS-046-29	Lock Nut 3/4 -16 Flexlox	1
11	WS-011-46	Washer	1
12	KW-003-10	Key - 606 Woodruff	1
13	00-274908-00002	Gear - Knife Shaft Worm (24T) (1912)	1
14	00-274908-00001	Gear - Knife Shaft Worm (25T) (1812)	1
15	BB-015-08	Ball Bearing MRC 105KSZZ-01-ST-A-92-C	1
16	00-435785	Knife Shaft & Dowel	1
17	00-439697-00003	Knife Shaft Guard Ring & Hub(1812)(Incls. items 10, 11, 12, 14, 15, 19, 40 & 41)	1
18	00-439697-00004	Knife Shaft Guard Ring & Hub(1912)(Incls. items 10 thru 13, 15, 19, 40 & 41)	1
19	BB-015-08	Ball Bearing MRC 105KSZZ-01-ST-A-92-C	1
20	00-111154	Ring - Knife Shaft	1
21	00-438420	Knob	2
22	00-438423	Handle - Cam	4
23	00-438448	Cam Roller & Rivet Assy.	1
24	SC-122-86	Mach. Screw "Special" 6-32 x 5/8 Pan Hd.	1
25	00-438455	Shoulder Bolt	1
26	SC-119-55	Mach. Screw 10-24 x 1 Pan Hd.	4
27	00-437880	Stud - Top Cover Locking	1
28	00-437994	Spring - Top Cover	1
29	00-437879	Knob - Top Cover Locking	1
30	WL-013-02	Lockwasher 4 Int. Shakeproof	1
31	SC-122-53	Mach. Screw 4-40 x 5/8 Phil. Pan Hd.	1
32	SC-064-04	Set Screw 1/4 -28 x 3/8 Hdls., Flat Pt. "Nylok"	1
33	00-073356-00002	Screw - Knife (Incls. items 32 & 34)	1
34	00-073265	Plug - Plate Thrust	1
35	SD-037-44	Self-Tapping Screw 1/4 -20 x 1 1/8 Pan Hd., Type TT	4
36	WS-022-08	Washer	2
37	00-435401	Spacer - Deflector Mounting	2
38	00-275913-00001	Knife (Service)	1
39	00-437422	Top Knife Cover Assy. (Packaged) (Incls. items 27 thru 31)	1
40	00-439696-00002	Pin & Ring Guard Assy. (Incls. items 21 thru 26)	1
41	00-438439	Frame - Base & Pins Assy.	1



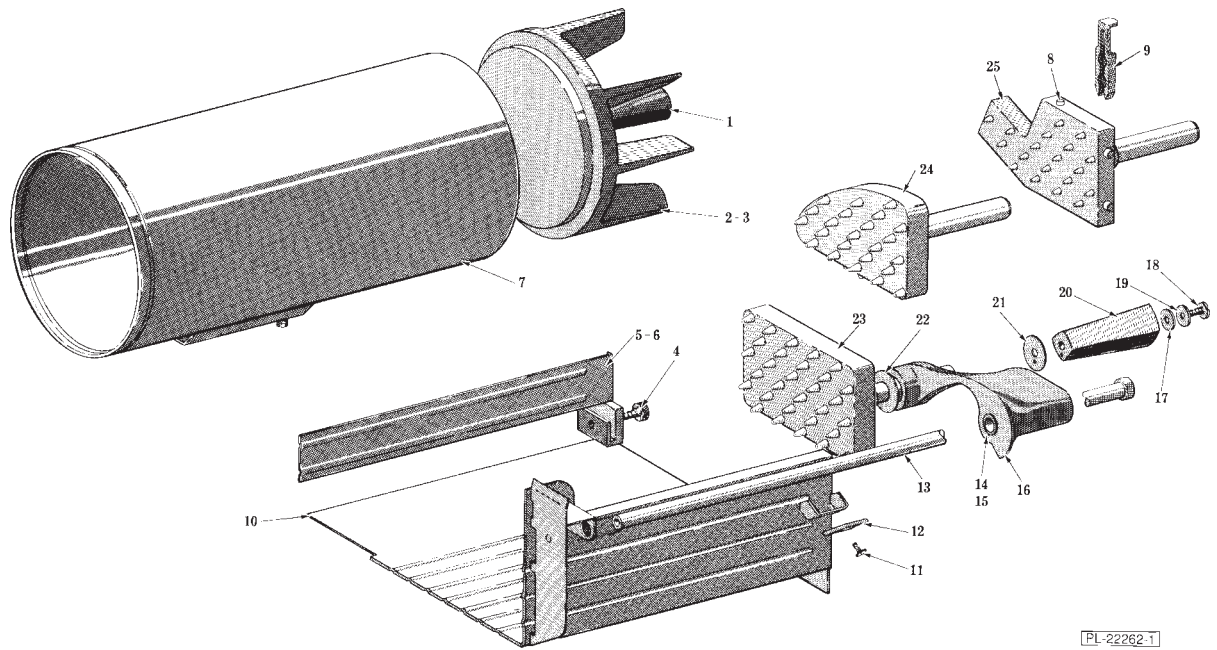
**KNIFE SHARPENER UNIT
(ML-104377 & ML-104275)**

ILLUS. PL-50723	PART NO.	NAME OF PART	AMT.
	1	SC-122-31 Mach. Screw 8-32 x 7/16 Phil. Oval Hd.	1
	2	435081 Top Cover - Sharpener	1
	3	274934 Button - Truing Arm	1
	4	119871 Spacer - Grinding Wheel Shaft	1
	5	BA-2-1 Ball 1/8 Dia.	11
	6	270503 Shaft - Grinding Wheel	1
	7	437847 Stone Service Kit (Incls. Fiber Washer Between items 7 & 8)	1
	8	435814 Retaining Screw (R.H.)	1
	9	274933 Body - Sharpener & Pins	1
	10	274929 Arm - Truing	1
	11	PG-7-40 Groove Pin 1/16	1
	12	119882 Holder & Truing Stone Assy	1
	13	435324 Spring - Truing Stone	1
	14	437384 Spring - Truing Arm	1
	15	69585-1 Plug Button	1
	16	RR-6-22 Retaining Ring	1
	17	RR-11-4 Retaining Ring	1
	18	SD-15-40 Self-Tapping Screw 8-32 x 3/8 Phil Pan Hd., Type TT	2
	19	119867 Spring - Compression	1
	20	270501 Sleeve - Sharpener	1
		274926 Sharpener Assy.(Incls.items 1 thru 20)	1
		437848 Sharpener Kit TMS-E (Incls.item 7 & 12)	1



**KNIFE SHARPENER UNIT
(ML-104550 & ML-104552)**

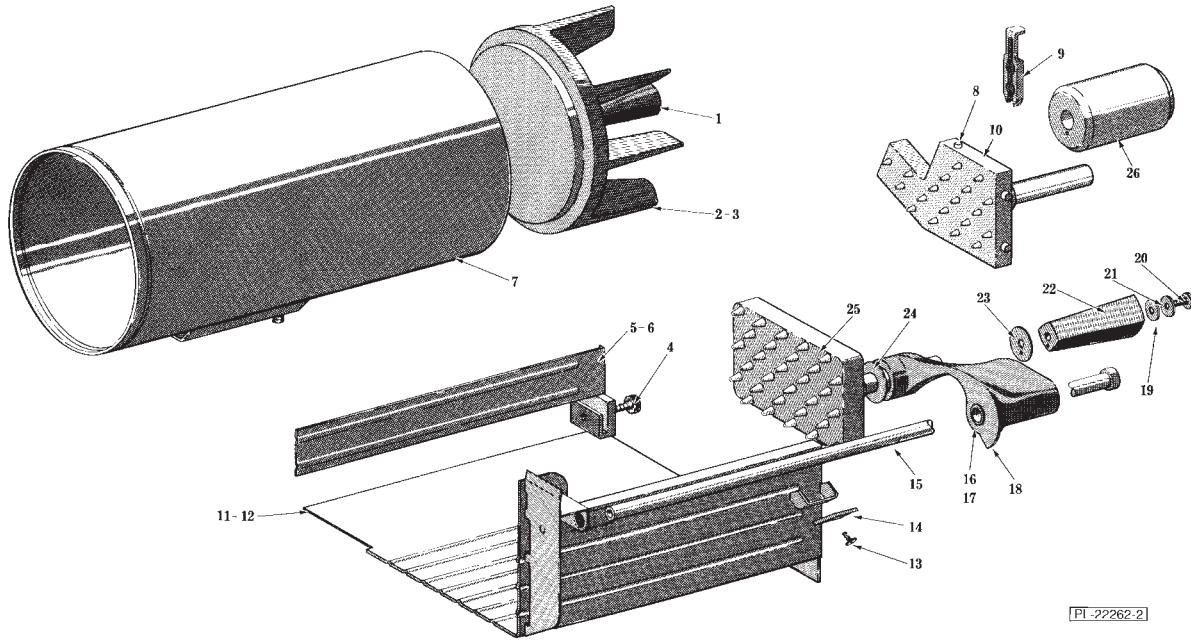
ILLUS. PL-51749	PART NO.	NAME OF PART	AMT.
1	SC-122-93	Mach. Screw "Special" 10-24 x 1/2 Phil. Truss Hd.	2
2	438459-1	Plate & Cover Assy.	1
3	SC-122-87	Mach. Screw "Special" 8-32 x 1/4 Pan Hd.	1
4	438428-2	Actuator	1
5	438430	Spring - Main	1
6	438464	Plunger & Ball Bearing Assy.(Incls.item 7)	1
7	BB-21-36	Ball Bearing NSK R4BDD	2
8	438437	Spring - Return	1
9	438449	Housing & Stud Assy.	1
10	438417	Shaft - Grinding Wheel	1
11	439691	Stone Service Kit	1
12	435814	Retaining Screw (R.H.)	1
13	438442	Screw - Shoulder "Special"	1
14	SC-122-87	Mach. Screw "Special" 8-32 x 1/4 Pan Hd.	1
15	438434	Lever - Locking	1
16	438435	Spring - "U"(Long end to inserted into housing)	1
17	SC-122-84	Mach. Screw "Special" 2-56 x 3/16 Pan Hd.	1
18	438466	Stone - Truing	1
19	435324	Spring - Truing Stone	2
20	RR-6-22	Retaining Ring	1
21	438445	Arm - Truing & Pusher Rod Assy.	1
22	SC-122-85	Mach. Screw "Special" 4-40 x 1/4 Flat Hd.	2
23	438421	Plate - Rear Locking	1
24	RR-6-22	Retaining Ring	1
25	RR-6-3	Retaining Ring	1
26	438426	Spring - Truing Arm	1
27	RR-6-3	Retaining Ring	1
	438438-1	Sharpener Assy.(Incls.items 1 thru 27)	1



1812 CARRIAGE TRAY UNIT

ILLUS. PL-22262-1	PART NO.	NAME OF PART	AMT.
* 1	70194	Handle - Gauge Plate	1
* 2	75930	Plate - Pusher	1
* 3	75945	Pusher Plate & Handle Assy. (Incls.items 1 & 2)	1
4	290984	Thumb Screw - Fence	1
5	295118	Fence & Thumb Screw Assy. (Packaged)(Incls.item 4)(SST)	1
6	295117	High Fence & Thumb Screw Assy (Horizontal Carriage Tray)(Incls.item 4)(SST)	1
* 7	118332-1	Tube & Angled Seat Assy	1
8	70360-1	Button - Plastic	5
9	70341	Meat Holder - Meat Grip	2
10	437115-1	Carriage Tray Assy. (SST)(Incls.item 13)	1
11	SC-8-9	Mach. Screw 10-24 x 3/8 Rd. Hd.	2
12	72579	Clip - Meat Grip Retaining	1
13	435949	Shaft - Knob Assy.	1
14	437124	Bearing - Meat Grip Arm	2
15	WS-21-19	Washer	AR
16	437987	Meat Grip Arm & Bearing Assy. (Incls.item 14)	1
17	70344	Washer - Handle Tension	1
18	68042	Screw - Truss Hd. "Nylok"	1
19	70345	Washer - Handle Retaining	1
20	70202	Handle - Meat Grip (Non-Metallic)	1
21	437006	Washer - Handle	1
22	437007	Washer	1
23	437908	Meat Grip Assy. (Standard)	1
24	438175	Meat Grip Assy. (Light Weight) (Packaged)	1
25	438176	Meat Grip Assy. (Heavy) (Packaged) (Incls.items 8 & 9)	1
	437912-2	Meat Grip Assy. & Arm Assy. (Standard) (Incls.items 17 thru 23)	1

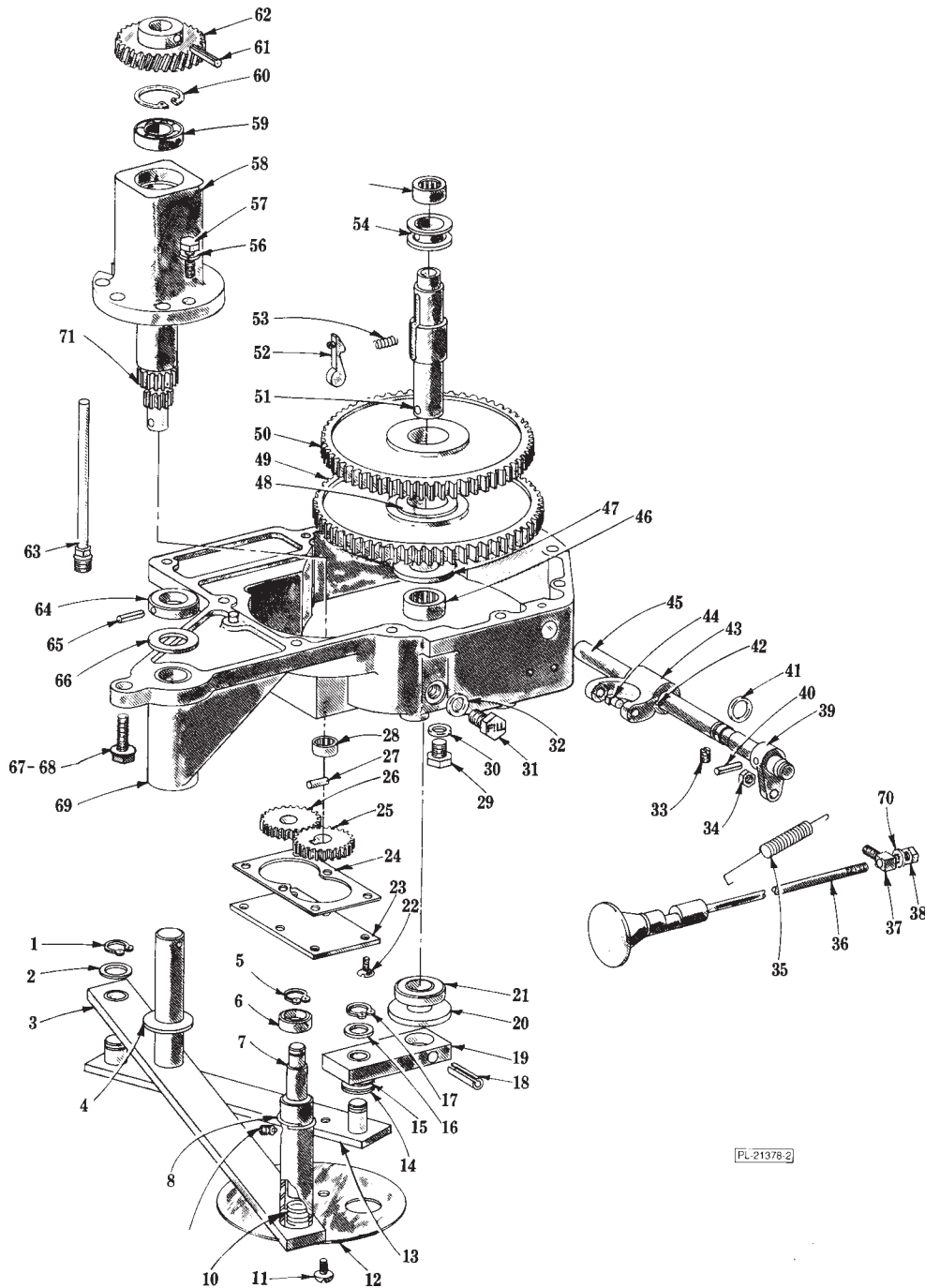
* Attachment chute (Special, used in place of carriage)



1912 CARRIAGE TRAY UNIT

ILLUS. PL-22262-2	PART NO.	NAME OF PART	AMT.
* 1	70194	Handle - Gauge Plate	1
* 2	75930	Plate - Pusher	1
* 3	75945	Pusher Plate & Handle Assy. (Incls.items 1 & 2)	1
4	290984	Thumb Screw - Fence	1
5	295118	Carriage Fence & Thumb Screw Assy. (Packaged)(Incls.item 4)(SST)	1
6	295117	High Fence & Thum Screw Assy. (Horizontal Carriage Tray)(Package)(Incls.item 4)(SST)	1
* 7	118332-1	Tube & Angled Seat Assy	1
8	70360-1	Button - Plastic	5
9	70341	Meat Holder - Meat Grip (Use with item 10)	2
10	438176	Meat Grip Assy. (Heavy) (Packaged) (Incls.items 8 & 9)	1
11	437115-1	Carriage Tray Assy. (SST) (Incls.item 15)	1
12	437116	Horizontal Carriage Tray & Slide Rod Assy. (SST) (Incls.item 15)	1
13	SC-8-9	Mach. Screw 10-24 x 3/8 Rd. Hd.	2
14	72579	Clip - Meat Grip Retaining	1
15	435949	Shaft - Knob Assy.	1
16	437124	Bearing - Meat Grip Arm	2
17	WS-21-19	Washer	AR
18	437987	Meat Grip Arm & Bearing Assy. (Incls.item 16)	1
19	70344	Washer - Handle Tension	1
20	68042	Screw - Truss Hd. "Nylok"	1
21	70345	Washer - Handle Retaining	1
22	70202	Handle - Meat Grip (Non-Metallic)	1
23	437006	Washer - Handle	1
24	437007	Washer	1
25	437908	Meat Grip Assy. (Standard)	1
26	438177	Handle - Meat Grip (Heavy) (Packaged)	1
	437912-2	Meat Grip Assy. & Arm Assy. (Standard) (Incls.items 17 thru 25)	1

* Attachment chute (Special, used in place of carriage)



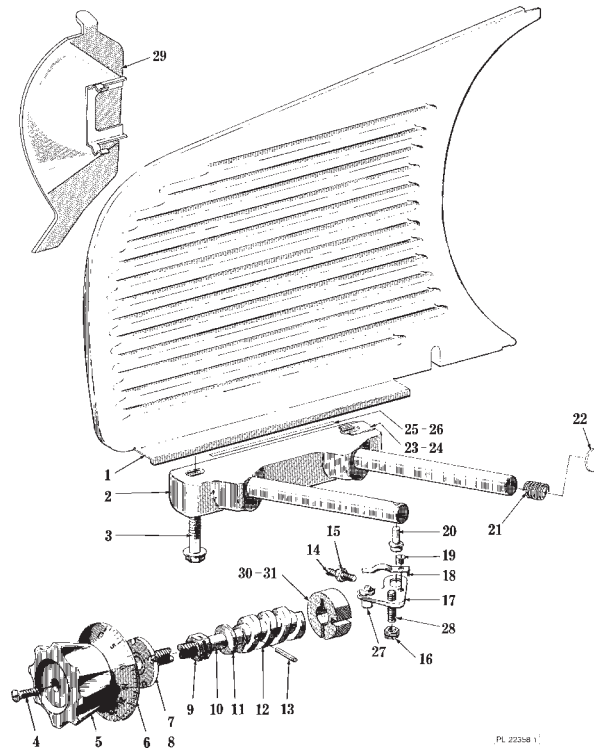
PL-21378-2

1912 GEAR CASE UNIT

ILLUS. PL-21378	PART NO.	NAME OF PART	AMT.
1	RR-4-17	Retaining Ring	1
2	WS-7-21	Washer	1
3	70259	Engaging Arm Assy	1
4	70283	Washer - Pivot Shaft Thrust	1
5	RR-4-3	Retaining Ring	1
6	70303	Roller - Engaging Mech	1
7	70295	Shaft - Engaging Mech	1
8	70396	Ring - Stop Retaining	1
9	70324	Stop - Engaging Mech. Shaft	1

1912 GEAR CASE UNIT (Cont.)

ILLUS. PL-21378	PART NO.	NAME OF PART	AMT.
10	70307	Spring - Engaging Mech	1
11	SC-9-28	Mach. Screw 10-24 x 3/8 Rd. Hd.	2
12	103915	Cover Plate - Connecting Rod	2
13	70268	Connecting Rod Assy	1
14	WS-8-9	Washer	2
15	WS-8-8	Washer	1
16	WS-7-21	Washer	1
17	RR-4-17	Retaining Ring	1
18	RP-2-46	Roll Pin 1/4 Dia. x 1 1/4 Lg.	1
19	123889	Arm & Bearing Assy	1
20	70290	Washer - Crank Arm Thrust	1
21	70442	Seal - Drive Shaft	1
22	SC-14-76	Mach. Screw 10-24 x 3/8 Flat Hd.	6
23	70234	Cover - Gear Pump Bottom	1
24	70244	Gasket - Bottom Cover	1
25	70243	Gear - Oil Pump Drive (27T)	1
26	70242	Gear - Oil Pump Idler (27T)	1
27	11800-200	Dowel	1
28	BN-2-13	Needle Bearing (Torrington #B-86)	1
29	SC-62-68	Cap Screw 1/2-20 x 3/4 Hex Hd.	1
30	WS-21-21	Washer	1
31	64465-3	Plug - Oil Fill	1
32	WS-21-20	Washer	1
33	SC-63-14	Set Screw 8-32 x 1/4 Hdls., Flat Pt.	1
34	NS-32-1	Stop Nut 10-24 "Flexloc"	1
35	70285	Spring - Shifter Mech.	1
36	70446	Shift Rod, Selector & Knob Assy	1
37	70286	Knuckle - Shifter	1
38	NS-9-30	Mach. Nut 10-32 Hex	2
39	70296	Bracket - Shifter	1
40	RP-2-28	Roll Pin 3/16 Dia. x 3/4 Lg.	1
41	67500-2	"O" Ring	1
42	12430-3	Key 3/8 Sq. x 1 1/8 Lg.	1
43	61654	Yoke - Shifter	1
44	61655	Shoe - Shifter	2
45	70267	Shaft - Shifter	1
46	BN-2-15	Needle Bearing (Torrington #B-126)	1
47	70281	Washer - Gear Thrust	1
48	70274	Collar - Diving Key	1
49	72715	Gear - Driven (119T) (Low Speed)	1
50	70170	Gear - Driven (114T)(High Speed)	1
51	293036	Shaft - Crank Arm Drive	1
52	435543	Key - Diving	1
53	70308	Spring - Diving Key	1
54	61656	Sleeve - Clutch Shifter	1
55	BN-2-14	Needle Bearing (Torrington #M-881)	1
56	WL-3-37	Lockwasher 1/4 Medium	3
57	SC-36-6	Cap Screw 1/4-20 x 1 Hex Hd.	3
58	70156	Carrier - Pinion Shaft Bearing	1
59	BB-15-37	Ball Bearing - N.D. #3L03	1
60	RR-11-52	Retaining Ring	1
61	RP-3-8	Roll Pin 3/16 Dia. x 1 1/8 Lg.	1
62	70159	Gear - Worm (29T)	1
63	70248	Fitting & Oil Tube Assy	1
64	70275	Collar - Pivot Shaft Thrust	1
65	RP-3-12	Roll Pin 1/8 Dia. x 1 1/4 Lg.	1
66	70283	Washer - Thrust	1
67	SD-33-8	Self-Tapping Screw 5/16-18 x 1 Hex Washer Hd., Type TT	4
68	SD-33-9	Self-Tapping Screw 5/16-18 x 3 Hex Washer Hd., Type TT	7
69	124640-1	Gear Case, Bearing & Dowel Assy (Incls. items 21 & 46)	1
70	WL-8-13	Lockwasher 10 Internal Shakeproof	2
71	72716	Shaft - Pinion (19T & 14T)	1
	72714	Brg. Carrier, Pinion Shaft & Gear Assy (Incls. items 58 thru 62 & 71)	1
	106933	Drive Shaft Assy (Incls. items 51, 52, 53 & 54)	1



GAUGE PLATE & INDEXING MECH.

ILLUS. PL-22358-1	PART NO.	NAME OF PART	AMT.
	1	Gauge Plate Unit	1
	2	Gauge Plate Support & Slide Rod Assy.	1
	3	Screw - Special	2
	4	Mach. Screw 10-24 x 3/4 Oval Hd.	1
	5	Cap - Index Knob	1
	6	Dial Assy	1
	7	Disc - Indexing Drive	1
	8	Roll Pin 3/32 Dia. x 1/4 Lg.	1
	9	Nut - Special	2
	10	Shaft - Indexing	1
	11	Washer - Belleville	2
	12	Worm - Indexing	1
	13	Roll Pin 3/32 Dia. x 5/16 Lg.	1
	14	Set Screw 1/4-20 x 1 Hdls., Flat Pt.	1
	15	Jam Nut 1/4-20 Hex	1
	16	Stop Nut 5/16-18 "Flexloc"	1
	17	Indexing Plate Assy.(Incls.items 18, 19, 27 & 28)	1
	18	Spring - Indexing Plate	1
	19	Mach. Screw 10-32 x 3/16 Rd. Hd.	1
	20	Roller - Indexing Plate (Straight)	1
	21	Spring - Gage Plate	1
	22	Plug - Expansion	1
	23	Spacer - Gauge Plate Sprocket (.003 Thk.)	1
	24	Spacer - Gauge Plate Sprocket (.005 Thk.)	3
	25	Shim (Specify Dash #: -1 = .0075 Thk.; -2 = .010 Thk. & -3 = .0125 Thk.)	AR
	26	Shim (Specify Dash #: -1 = .002 Thk.; -2 = .003 Thk.; -3 = .004 Thk.; -4 = .005 Thk.)	AR
	27	Roller - Indexing	1
	28	Stud - Collar Assy	1
	29	Deflector	1
	30	Collar (Incls.item 31)	1
	31	Cap Screw 8-32 x 1/2 Soc. Hd.	1
		Indexing Shaft & Worm Assy.(Incls.items 10, 12 & 13)	1

Online Parts Catalog

Note: It is helpful, but not essential to know the ML (Material List) Number of the equipment for which a part is needed

How Do I Find An ML Number?

The ML Number is found on the machine dataplate. The dataplate resembles the sample below, and is generally located on the back or side of a machine.

HOBART CORPORATION		MODEL	ML
COMMERCIAL DISHWASHER TROY, OHIO			
LISTED 756A C	UL	US	NSF
VOLTS		DATE CODE:	
HZ	PH	AMP	
749901 MADE IN U.S.A.			

Section 1 – If Equipment ML Number is known
Section 2 – If Equipment ML Number is not known



PRODUCT DIRECTORY | [Locate an Office](#) | [Warranty Registration](#) | [Career Opportunities](#)

SERVICE | **PARTS** | INSTALLATIONS | WATER TREATMENT | MANUALS & SUPPORT | CONTRACTS & PMs



Hobart Service

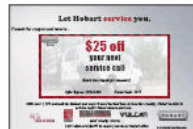
We're there for you, anytime you need us. 24x7.



We're within 50 miles of 95% of our service customers. Only Hobart can provide such blanket coverage because we're the premier equipment manufacturer with nearly 200 offices and 1,700

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SERVICE | **PARTS** | INSTALLATIONS | WATER TREATMENT | MANUALS & SUPPORT | CONTRACTS & PMs



[Hobart Service Home](#) > **Hobart National Parts and Accessories Program**

National Parts and Accessories Program

Hobart SmartParts® System

The [Hobart SmartParts® System](#) is an interactive parts catalog system. By entering information from your equipment's data plate, you can be assured that you are accessing the



Not Sure How to Use SmartParts™?

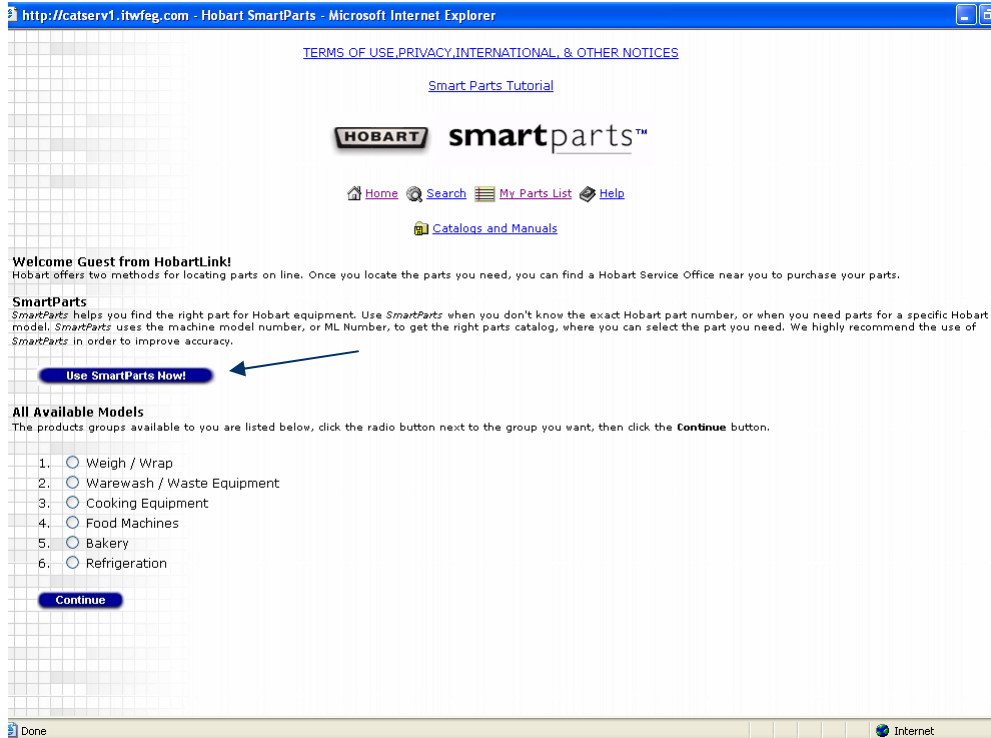
It's easy! Just go through the [Hobart SmartParts™ Online Tutorial](#) and you'll be a parts pro in no time!

Hobart Parts QuickLinks

- ▶ [Hobart SmartParts® System](#)
- ▶ [Parts Catalogs](#)

Next select **SMARTPARTS**

Web Browser Pop-up blocker must be turned off for this site in order for SmartParts to operate



This is SmartParts home page

If the ML Number of the Equipment is known, select Use SmartParts Now

(We'll explain what to do if the ML number of the Equipment is not known in Section 2)

SmartParts

Enter Your ML Number

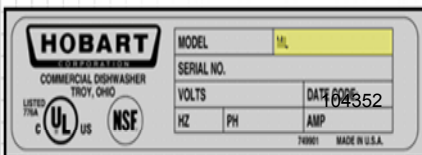
Enter your full or partial ML Number in the field provided, then click the **Search SmartParts!** button.

ML- **Search Smart Parts**

Enter the ML number and click on Search SmartParts

How Do I Find An ML Number?

The ML Number is found on the machine dataplate. The dataplate resembles the sample below, and is generally located on the back or side of a machine.



For this example, the part needed is a Water Pressure Gauge used on the LX 30 Undercounter Dishwasher

The ML number of this dishwasher is 104352

Hobart Parts Web

SmartParts

SmartParts results for **104352** (listed by product group):

Warewash / Waste Equipment

- LX Series Dishwashers (Includes ML numbers 104349, 104350, 104351, 104352, 130016, 130017, 130018, 130019)

Continue

Go Back

Click on the Radio button to select the Parts Catalog

Then click on Continue

Assemblies Available

LX Series Dishwashers (Includes ML numbers 104349, 104350, 104351, 104352, 104353, 104354, 104355, 104356, 110380, 110381, 130016, 130017, 130018, 130019)

Click the radio button next to the assembly you want, then click the **Continue** button.

Continue

Go Back

- BASE ASSEMBLY
- TANK ASSEMBLY
- DOOR ASSEMBLY
- ELECTRICAL CONTROL DRAWER (LX SERIES)
- ELECTRICAL CONTROL DRAWER (LXi SERIES)
- DISPLAY
- WASH ARM ASSEMBLY (LX18 SERIES)
- WASH ARM ASSEMBLY (LX30/40, LXG, LXi, & LXiG SERIES)
- WASH PIPE ASSEMBLY
- 50 HZ., 60 HZ. PUMP AND MOTOR ASSEMBLY (INGERSOLL OR CRANE)

The Water Pressure Gauge is on the Base Assembly

Select Base Assembly

Then click on Continue

Parts List

BASE ASSEMBLY

Select an appropriate figure size

Change To:

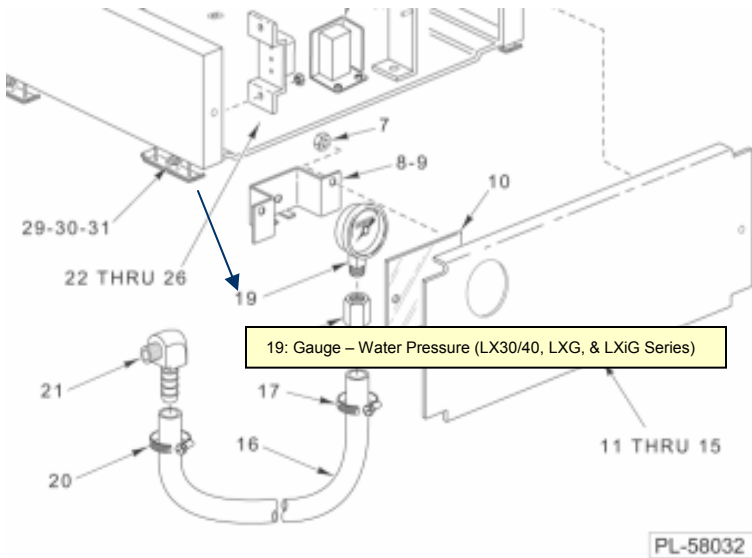
Different Assembly

Different Product

To add an item to your parts list, click the **Add** button next to the item. To see an exploded view, click on the view figure buttons.

View Figure: @ 25% @ 50% @ 75% @ 100% ←

Add	Item	Part No.	Part Description	Qty Used On Assembly
Add	1	00-328634	Track Assy. (RH)	1
Add	2	NS-015-01	Nut 1/4-20 Hex (SST)	8
Add	3	WL-006-17	Lockwasher 1/4 Medium	8



BASE ASSEMBLY

Locate the part needed (Water Pressure Gauge) on the drawing

Placing the cursor on the number will display the Description of the Part

Click on the number pointing to the part

Add	15	00-329267	Retainer - Screw #10	AR
Add	16	00-475060	Hose 1/4 x 12 Pressure Gauge to Fill Valve	1
Add	17	00-528501	Clamp - Hose #4	1
Add	18	FP-088-30	Fitting - Hose Barb (LX30/40, LXG, & LXi Series)	1
Add	19	00-918429	Gauge - Water Pressure (LX30/40, LXG, LXi, & LXiG Series)	1
Add	20	00-528501	Clamp - Hose #4	1
Add	21	FP-088-29	Fitting - Hose 1/4 Barb x 1/8-27 NPTM	1
Add	22	SC-018-24	Mach. Screw 6-32 x 3/4 Phil. Pan Hd.	2
Add	23	00-918385	Block - Terminal (5 Pole) (Current Construction)	1
Add	24	00-918339	Bracket - Terminal Block (Current Construction)	1
Add	25	NS-031-50	Stop Nut 6-32 Hex (SST)	2
Add	26	NS-031-16	Stop Nut 10-24 Hex Elastic (SST)	2
Add	27	00-475299-00001	Connector Assy. (Previous Construction)	1
Add	28	00-473138	Bracket - Terminal Block (Previous Construction)	1
Add	29	00-241857	Foot - Leveling	4
Add	30	00-329284	Spacer - Leveling Foot (LX18 Series)	4

- *Selecting the part on the figure causes the part to be highlighted on the parts list*
- *Click on the Add button to add the part to the shopping cart*
- *You can add more parts or change the quantity of the parts already in the cart*
- *When finished, click on the Confirm Parts Selected and then on Print Parts List if you want to print*

Parts Selected

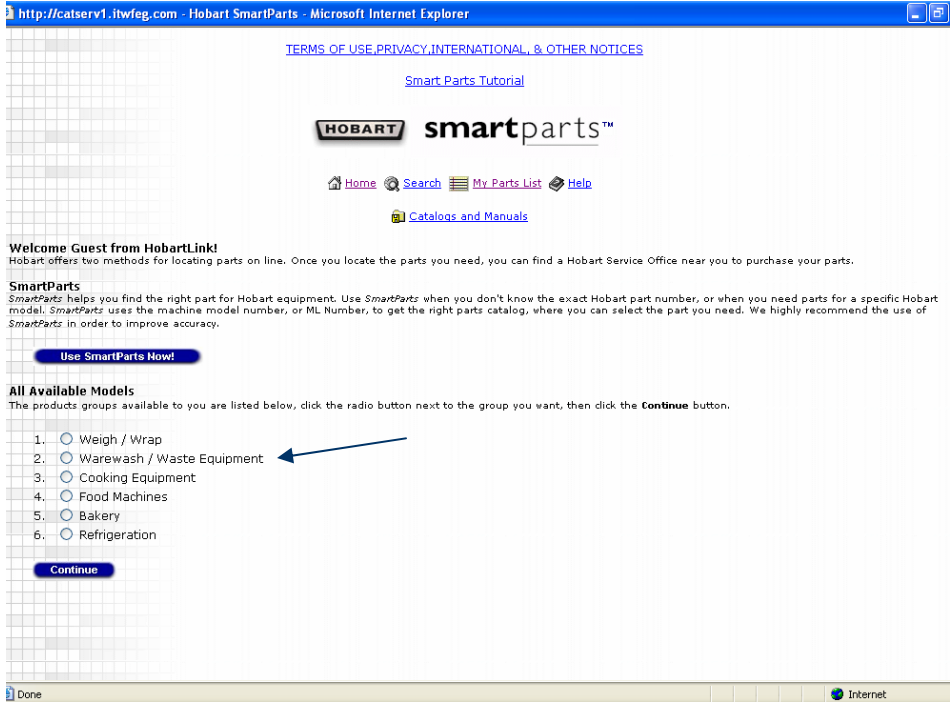
Items Listed for Guest

Add More Items From:

There is 1 item in your parts list:

Delete	Qty. Req.	Part No.	Part Description	Parts List
<input type="button" value="Delete"/>	<input type="text" value="1"/>	00-918429	Gauge - Water Pressure (LX30/40, LXG, LXi, & LXiG Series)	BASE ASSEMBLY

Use SMARTPARTS Now



This (again) is SmartParts home page

For this example, the part needed is a Water Pressure Gauge used on the LX 30 Undercounter Dishwasher

If the ML Number of the Equipment is not known, click on the Radio button to select Warewash / Waste Equipment

Then click on Continue

(Go to Section 1 if you do know the ML number of the Equipment)

Section 2 – If Equipment ML Number is not known

Products Available

Warewash / Waste Equipment

Click the radio button next to the product you want, then click the **Continue** button.

Continue **Go Back**

- 1. Door Type Dishwasher
- 2. Booster
- 3. Conveyor Type Dishwasher (C-LINE)
- 4. Flight Type Dishwasher
- 5. Miscellaneous Warewash
- 6. UnderCounter Dishwasher (indicated by a blue arrow)
- 7. Waste Equipment

Continue **Go Back**

Click on the Radio button to select UnderCounter Dishwasher

Then click on Continue

Parts Catalogs

UnderCounter Dishwasher

Click the radio button next to the catalog you want, then click the **Continue** button.

Continue **Go Back**

- LX Series Dishwashers (Includes ML numbers 104349, 104350, 104351, 104352, 104353, 104354, 104355, 104356, 110380, 110381, 130016, 130017, 130018, 130019)
- WM Series Dishwashers
- Dishwasher Motor Book (Includes the following Motor Spec /ML numbers - 9257, 6661, 8115, 17829, 18897, 18751, 18931, 18930, 18932, 31219, 31220, 31221, 18491, 17350, 9801, 18603)
- SR24 Series Dishwasher (SR24C - ML-130021, SR24H - ML-130022)
- Fast Food Warewashers

Continue **Go Back**

Click on the Radio button to select LX Series Dishwashers

Then click on Continue

Assemblies Available

LX Series Dishwashers (Includes ML numbers 104349, 104350, 104351, 104352, 104353, 104354, 104355, 104356, 110380, 110381, 130016, 130017, 130018, 130019)

Click the radio button next to the assembly you want, then click the **Continue** button.

Continue **Go Back**

- BASE ASSEMBLY
- TANK ASSEMBLY
- DOOR ASSEMBLY
- ELECTRICAL COMPONENTS(LX SERIES)
- ELECTRICAL COMPONENTS (LXi SERIES)
- DISPLAY
- WASH AND RINSE ARM ASSEMBLY(lx30/40, lxxg, lxi, & lxiig SERIES)(PREV. CONSTR.)
- WASH AND RINSE ARM ASSEMBLY(lx30/40, lxxg, lxi, & lxiig SERIES)(CURRENT CONSTR.)
- WASH ARM ASSEMBLY(LX18 SERIES)
- WASH PIPE ASSEMBLY (PREVIOUS CONSTRUCTION)
- WASH PIPE ASSEMBLY (CURRENT CONSTRUCTION)

The Water Pressure Gauge is on the Base Assembly

Select Base Assembly

Then click on Continue

Parts List

BASE ASSEMBLY

Select an appropriate figure size

Change To:

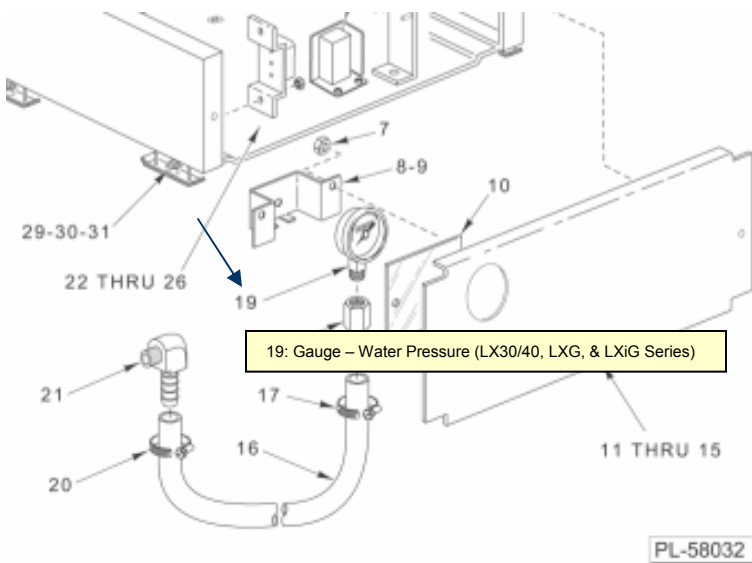
Different Assembly

Different Product

To add an item to your parts list, click the **Add** button next to the item. To see an exploded view, click on the view figure buttons.

View Figure: @ 25% @ 50% @ 75% @ 100% ←

Add	Item	Part No.	Part Description	Qty Used On Assembly
Add	1	00-328634	Track Assy. (RH)	1
Add	2	NS-015-01	Nut 1/4-20 Hex (SST)	8
Add	3	WL-006-17	Lockwasher 1/4 Medium	8



BASE ASSEMBLY

Locate the part needed (Water Pressure Gauge) on the drawing

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Click on the number pointing to the part

Add	15	00-329267	Retainer - Screw #10	AR
Add	16	00-475060	Hose 1/4 x 12 Pressure Gauge to Fill Valve	1
Add	17	00-528501	Clamp - Hose #4	1
Add	18	FP-088-30	Fitting - Hose Barb (LX30/40, LXG, & LXI Series)	1
Add	19	00-918429	Gauge - Water Pressure (LX30/40, LXG, LXI, & LXIG Series)	1
Add	20	00-528501	Clamp - Hose #4	1
Add	21	FP-088-29	Fitting - Hose 1/4 Barb x 1/8-27 NPTM	1
Add	22	SC-018-24	Mach. Screw 6-32 x 3/4 Phil. Pan Hd.	2
Add	23	00-918385	Block - Terminal (5 Pole) (Current Construction)	1
Add	24	00-918339	Bracket - Terminal Block (Current Construction)	1
Add	25	NS-031-50	Stop Nut 6-32 Hex (SST)	2
Add	26	NS-031-16	Stop Nut 10-24 Hex Elastic (SST)	2
Add	27	00-475299-00001	Connector Assy. (Previous Construction)	1
Add	28	00-473138	Bracket - Terminal Block (Previous Construction)	1
Add	29	00-241857	Foot - Leveling	4
Add	30	00-329284	Spacer - Leveling Foot (LX18 Series)	4

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- *When finished, click on the Confirm Parts Selected and then on Print Parts List if you want to print*

Parts Selected

Items Listed for Guest

Add More Items From:

Current Assembly

Different Assembly

Different Product

There is 1 item in your parts list:

Delete	Qty. Req.	Part No.	Part Description	Parts List
Delete	<input type="text" value="1"/>	00-918429	Gauge - Water Pressure (LX30/40, LXG, LXI, & LXIG Series)	BASE ASSEMBLY

Update Quantities

Confirm Parts Selected

Use **SMARTPARTS** Now



1812 SLICERS
JANUARY 2010

PRODUCT SERVICE DEPARTMENT

TROY, OH. 45374-0001

RECOMMENDED SPARE PARTS LIST

1812 SLICERS

Qty	Part Number	Description
1	087711-243-2	Sensor
1	087714-042-1	Relay (2 Pole, under 150 Volt)
1	087711-242-1	Switch - Lockout
1	437637	Spring - Compression
1	437634	Plunger
1	437642	Spring - Extension
1	437641	Spring - Compression
1	437640	Plunger - Shaft
1	437873	Knob and Shaft
1	479755-1	Groove Pin