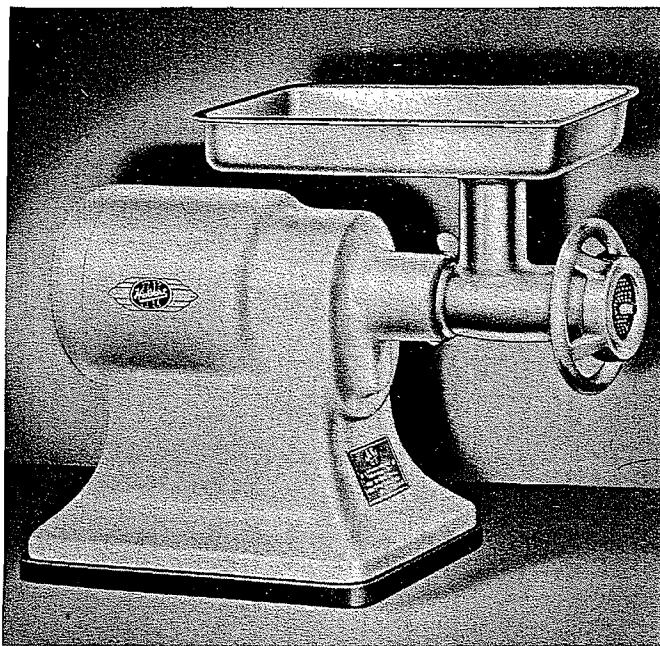


INSTRUCTION MANUAL

with Catalog of Replacement Parts



Model 4322 Chopper

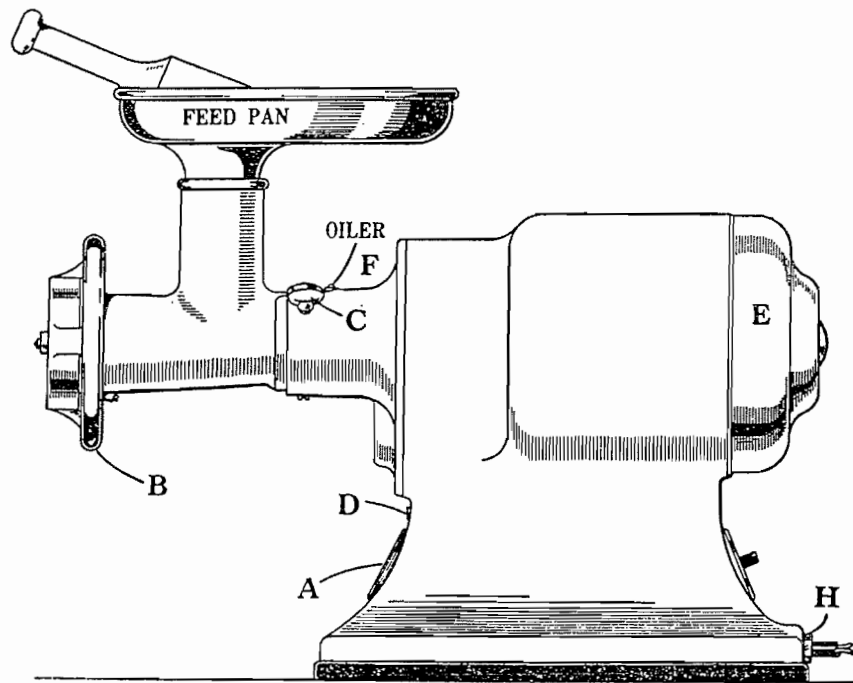
SPECIFICATION 2931



THE HOBART MANUFACTURING COMPANY

The World's Largest Manufacturer of Food, Kitchen, Bakery and Dishwashing Machines

TROY, OHIO, U. S. A.



Instructions for Operation and Care of HOBART MODEL 4322 CHOPPER

INSTALLATION

Before making the electrical connections, read the specifications upon the name plate A to make sure that they agree with those of your electric service. An outlet at H is tapped for 1/2" conduit, or if you prefer, the wires may be run down through the bottom; a knockout plug is provided for this purpose in the center of the removable bottom.

CARE OF CHOPPING ATTACHMENT

Before using the chopping attachment take it apart and wash all the parts thoroughly. When re-assembling apply a little tallow, suet, or lard to the composition thrust washer on the end of the worm, and also a little to the shaft. The knife and plate, likewise, need some preliminary lubrication; rub tallow over them the first few times they are used. When putting in the knife be sure to turn the cutting side out toward the perforated plate and see that the notches on the circumference of the plate fit over the pins in the cylinder.

Do not adjust the wheel B too tight; if the knife and plate are both sharp only a moderate pressure will be needed. Knives and plates must be sharp and true for proper cutting action. Rub a little tallow over newly-sharpened plates before use.

Always put a drop of oil in the oiler F before starting up in the morning. Wash all parts of the attachment daily in warm soap suds.

INSERTING CHOPPER ATTACHMENT

When putting on the chopping attachment see that both the hub and the socket are clean, and insert with a slight twisting motion toward the left so that the stop pin in the attachment is in contact with the side of the hole that receives it. Then tighten the thumb screw C.

To remove the attachment loosen thumb screw C and give the attachment a twist to the right as you pull it out. Never use a hammer.

MEAT CHOPPING

Cut the meat into strips and feed it into the chopper, using the pusher only as needed. If the strips are cut to the proper size they will feed without assistance from the pusher, leaving both hands free to feed meat.

When running beef through the chopper a second time you will find that greater speed is attained by feeding small quantities at a time than by trying to force in large amounts with the feed stick.

The feed pan should always be kept in place. It not only makes feeding easy, but by increasing the height of the neck, it holds the operator's fingers a safe distance from the revolving worm and therefore makes the machine safer to use than other choppers.

The fineness to which the meat is cut is governed by the size of the holes in the perforated plate, not by the tension put upon the adjusting wheel.

After each job of chopping take the attachment off the machine and place it in your refrigerator until it is needed again.

GEAR LUBRICATION

The gears and bearings are packed with special lubricant sufficient to last for several years. The drain and grease filling plug is at D, but consult a Hobart Service man before adding grease.

CARE OF MOTOR

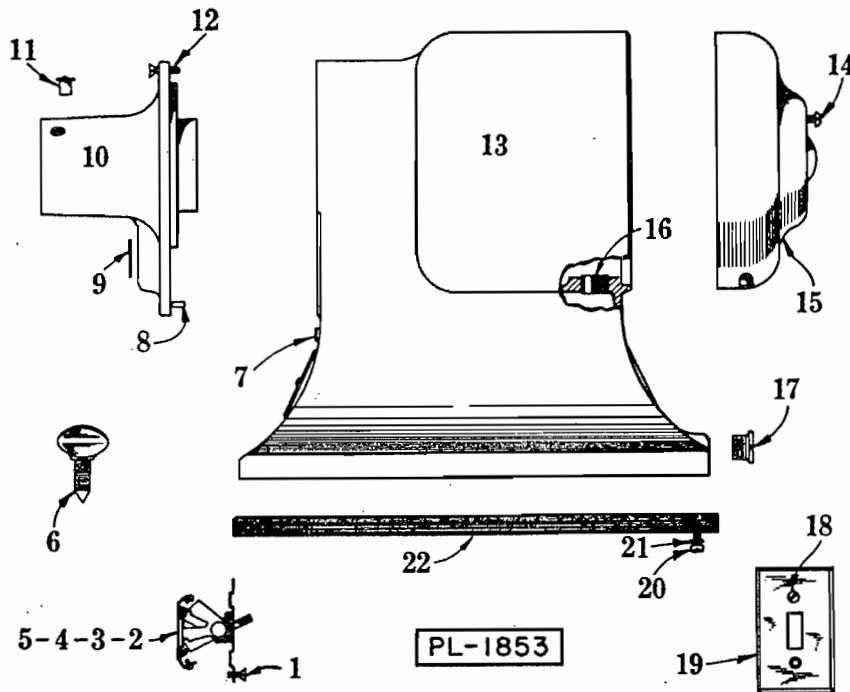
Motors for single phase alternating current and motors for direct current have commutators and brushes that need periodic dressing. We recommend that you have a Hobart Service man attend to this once a year.

To inspect the commutator remove the cover E.

The machine has been adjusted and thoroughly tested before leaving the factory and it should be ready to run when it reaches you. If for any reason you are unable to make it operate properly, or if you wish additional information on any point, get in touch with the nearest Hobart representative or write to the factory.

The Hobart Manufacturing Co.
Troy, Ohio, U. S. A.

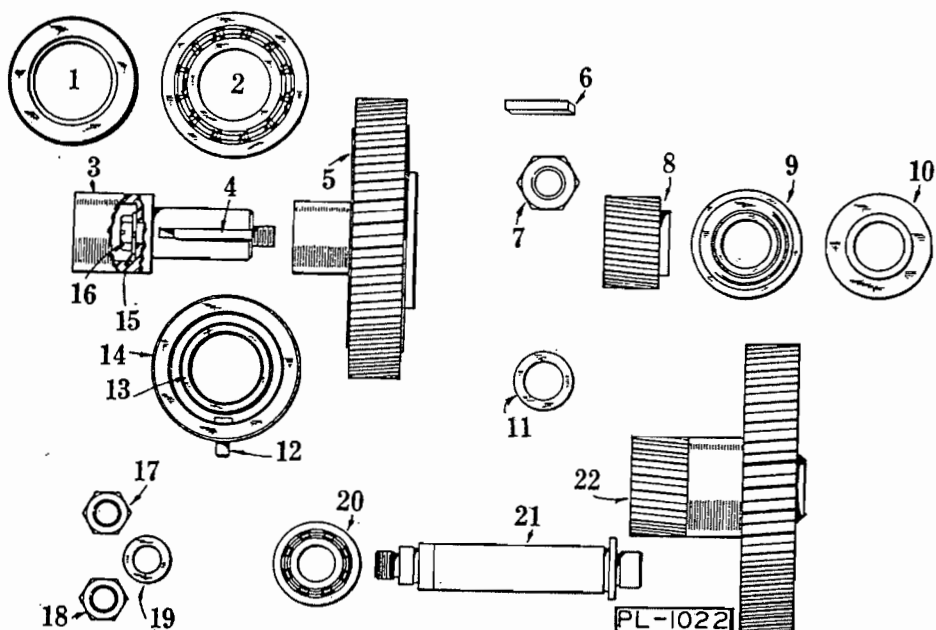
HOBERT REPLACEMENT PARTS



HOUSING AND SWITCH UNIT

ILLUS. NO.	PART NO.	DESCRIPTION	AMOUNT
1	SC-13-13	Machine Screw - #6-32 x 5/16" Flat Hd.	2
2	R-24940-4	Switch (Single Phase)	1
3	R-24940-2	Switch (Three Phase) (Under 250 V.)	1
4	SS-12-1	Switch (D.C.)	1
5	SS-3-26	Switch (Three Phase, Above 250 V.)	1
6	M-4202-1	Thumb Screw - 1/2"-12	1
7	V-15250-1	Plug - Pipe	1
8	P-11800-116	Dowel	1
9	PL-3-31	Plug - Expansion	1
10	M-60375	Attachment Hub Sub-Assy. (Incl. Items #9 & 11)	1
11	OG-3-30	Oiler	1
12	SC-13-71	Mach. Screw - #12-24 x 3/4" Flat Hd.	12
13	T-15105	Motor Frame & Gear Case	1
14	SC-7-79	Machine Screw - #10-24 x 1/2" Rd. Hd.	2
15	R-15264-2	Cover - Bearing Bracket	1
16	V-6651	Bushing - Insulating	1
17	V-12632-2	Plug - (Used in bottom of Sub-Base)	1
18	SC-30-6	Mach. Screw - #6-32 x 3/8" Oval Ctsk. Hd.	2
19	M-23543	Plate - Switch	1
20	SC-11-77	Mach. Screw - 1/4"-20 x 3/4" Flt. Hd.	6
21	WL-3-35	Lock Washer - 1/4" x .047" x .078"	6
22	S-16597	Base	1

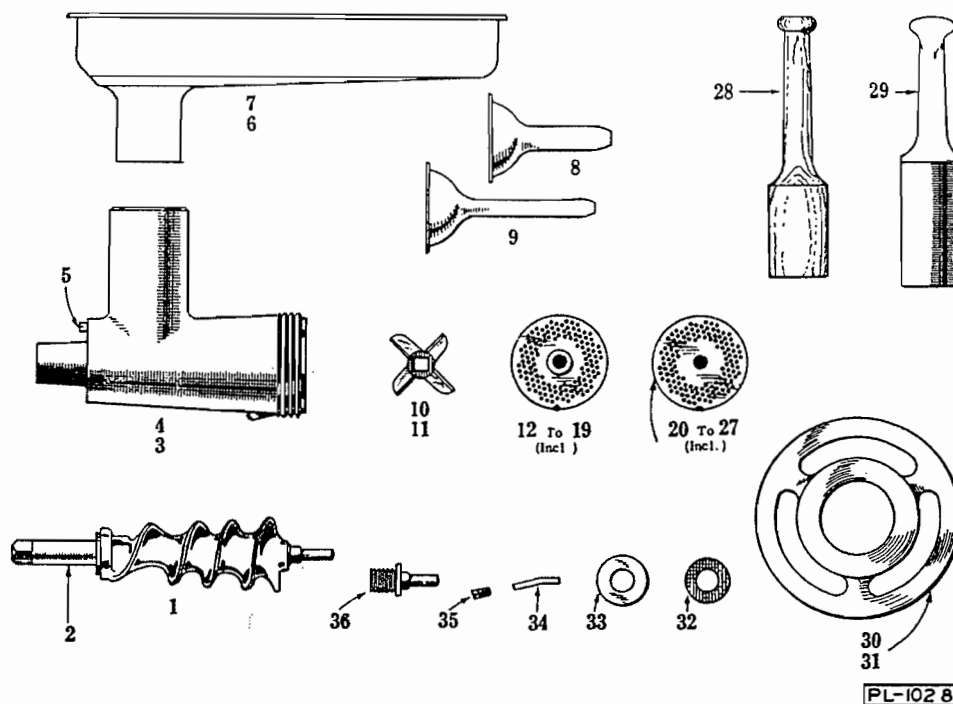
HOBART REPLACEMENT PARTS



GEAR UNIT

ILLUS. PL-1022	PART NO.	DESCRIPTION	AMOUNT
1	M-23618	Seal - Grease	2
2	BB-6-38	Ball Bearing - N.D. #3207	2
3	M-15259	Sleeve - Sq. Drive	1
4	R-12430-68	Key	1
5	P-15325	Hub and Chopper Drive Gear Assembly	1
6	R-12430-61	Key - Motor Pinion	1
7	V-9435	Nut - Lock	2
8	M-15252	Pinion - Motor (21T)	1
9	BB-11-28	Ball Bearing - N.D. C-8505	1
10	M-15247	Deflector - Grease	1
11	WS-11-1	Washer	1
12	V-15262	Pin - Retaining (Spacer)	1
13	V-15261	Collar - Inner Spacing	1
14	M-15260	Collar - Outer Spacing	1
15	WL-4-2	Lock Washer - 3/8" x .136" x .070"	1
16	SC-36-79	Finish. Bolt - 3/8"-24 x 2-3/4" Slot. Hex Hd.	1
17	V-4478	Nut - Lock	1
18	V-10928-2	Nut	1
19	WS-8-4	Washer	1
20	BB-5-24	Ball Bearing - N.D. #3203	2
21	P-15253	Shaft - Counter	1
22	P-15324	Counter Shaft Pinion & Main Drive Gear Assembly	1

HOBART REPLACEMENT PARTS



CHOPPER ATTACHMENT UNIT

ILLUS. PL-1028	PART NO.	DESCRIPTION	AMOUNT
1	M-15881	Worm Assy. (Incl. items #2, 32 & 36)	1
2	M-7201	Stud - Sq. Drive	1
3	M-24810	Chopper Cylinder Assy. Unit (Spiral Flute, Tinned) (Incl. items #5, 33, 34, 35)	1
4	M-24812	Chopper Cylinder Assy. Unit (Spiral Flute, Brite Metal) (Incl. items #5, 33, 34, 35)	1
5	V-4035-1	Stud - Stop	1
6	S-21990-1	Pan - Feed (Tinned)	1
7	S-21990-2	Pan - Feed (Stainless St.)	1
8	M-5175	Stuffer - Sausage (Hog Casing)	1
9	P-5193	Stuffer - Sausage (Sheep Casing)	1
10	P-16409	Knife - Chopper (Drop Frg.)	1
11	P-60392	Knife - Chopper (Stay Sharp)	1
12	P-16430	Plate (Drop Frg.) (1/8" Dia. Holes)	1
13	P-16431	Plate (Drop Frg.) (3/16" Dia. Holes)	1
14	P-16432	Plate (Drop Frg.) (1/4" Dia. Holes)	1
15	P-16433	Plate (Drop Frg.) (3/8" Dia. Holes)	1
16	M-16434	Plate (Drop Frg.) (1/2" Dia. Holes)	1
17	M-16435	Plate (Drop Frg.) (5/8" Dia. Holes)	1
18	M-16436	Plate (Drop Frg.) (3/4" Dia. Holes)	1
19	M-16437	Plate (Drop Frg.) (15/16" Dia. Holes)	1
20	P-17521-3	Plate (Stay Sharp) (1/8" Dia. Holes)	1
21	P-17521-4	Plate (Stay Sharp) (3/16" Dia. Holes)	1
22	P-17521-5	Plate (Stay Sharp) (1/4" Dia. Holes)	1
23	P-17521-6	Plate (Stay Sharp) (3/8" Dia. Holes)	1
24	P-17521-7	Plate (Stay Sharp) (1/2" Dia. Holes)	1
25	P-17521-8	Plate (Stay Sharp) (5/8" Dia. Holes)	1
26	P-17521-9	Plate (Stay Sharp) (3/4" Dia. Holes)	1
27	P-17521-10	Plate (Stay Sharp) 15/16" Dia. Holes	1
28	M-6555	Stick - Feed (Wood)	1
29	P-23150	Stick - Feed (Metal)	1
30	P-6391	Ring - Adjusting (Tinned)	1
31	P-13056	Ring - Adjusting (Brite Metal)	1
32	V-4221	Washer - Worm Thrust	1
33	V-4839-1	Washer - Cylinder Thrust	1
34	V-4036	Pin - Plate	1
35	V-4313	Screw - Plate Pin Retaining	1
36	M-15880	Stud - Plate	1