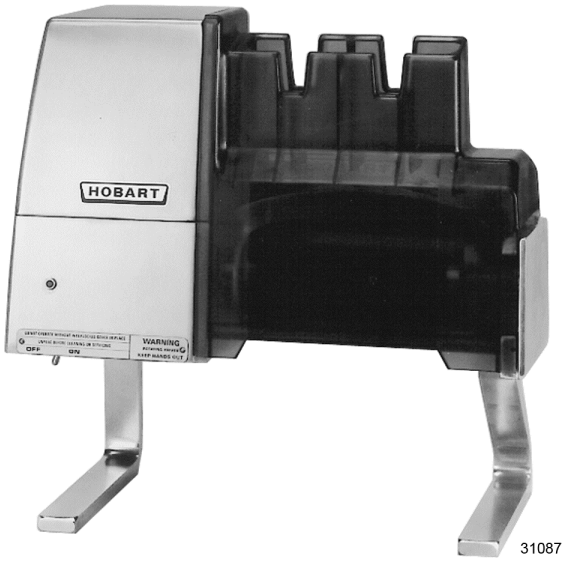
CATALOG OF REPLACEMENT PARTS



31087

403 Series Tenderizers ML 23054, ML 23055, ML 38578, ML 38579

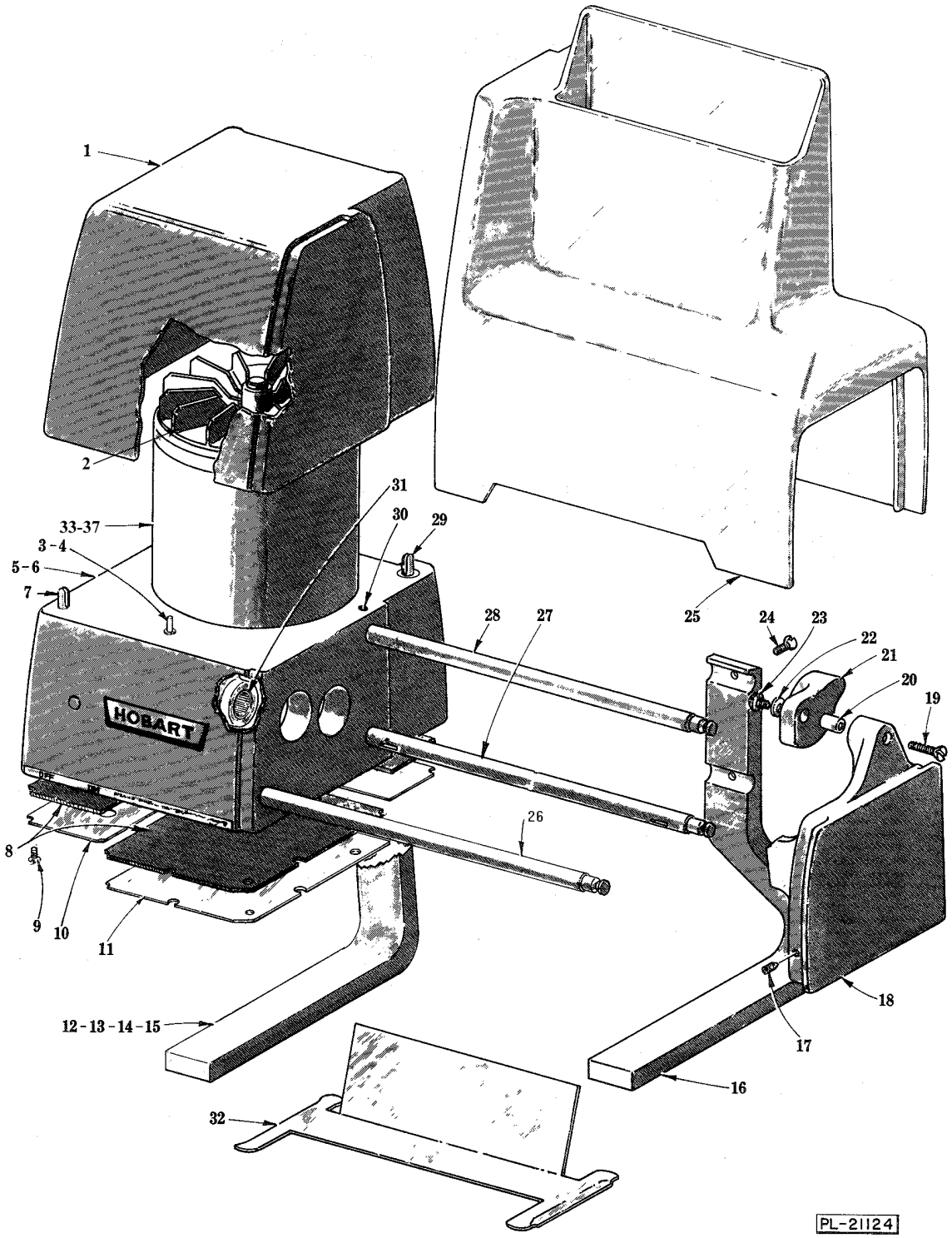
A product of HOBART 701 S. RIDGE AVENUE TROY, OHIO 45374-0001

FORM 16728 Rev. A (June 2017)

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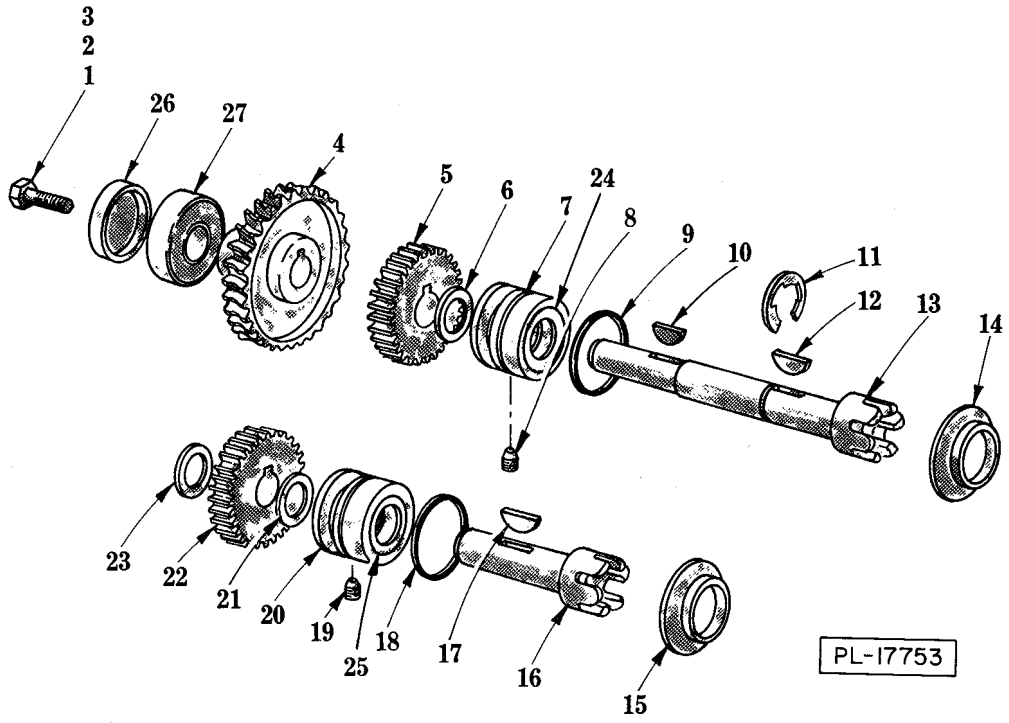
5 HOUSING UNIT
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HOUSING UNIT

HOUSING UNIT

ILLUS. PL-21124	PART NO.	NAME OF PART	AMT.
1	290148	Motor Housing Assy	1
2	00-437288	Fan and Clip	1
3	76994	Dipstick	1
4	RR-10-21	Retaining Ring	1
5	291209-1	NLA - Obsolete--Gear Case Assy (60 Hz.) (Incls items 7, 29, 31 & Shaft Seal 69348)	1
6	291209-2	NLA - Obsolete--Gear Case Assy (50 Hz.) (Incls items 7, 29, 31 & Shaft Seal 69348)	1
7	69387	Stud	1
8	69396-1	Gasket Set	1
9	SD-24-16	Self-Tapping Screw 10-24 X 1/2 Flat Hd., Type TT	12
10	69380-2	Cover - Electrical	1
11	69380-3	Cover - Gear	1
12	69345	Leg - Left	1
13	WL-3-44	Lockwasher 5/16 Medium	2
14	NS-13-14	Full Nut 5/16-18 Hex Fin	2
15	WS-5-37	Washer (3/8 I.D. X 1/32 Thk.) (Use to Shim Item 12)	AR
16	69346	Leg - Right	1
17	SC-47-2	Set Screw 10-24 X 1/4 Soc. Hdls., Cup Pt.	5
18	292026-2	NLA - Obsolete--Support Assy	1
19	SC-22-78	Mach. Screw 10-24 X 1 1/8 Flat Hd	1
20	292596	NLA - Obsolete--Ferrule - Hanger Lock	1
21	292595	Lock - Hanger	1
22	WS-19-2	Washer	1
23	SC-53-48	Mach. Screw 10-24 X 3/16 Truss Hd	1
24	SC-22-43	Mach Screw 5/16-18 X 1/2 Flat Hd	2
25	270348	Guard - Transparent	1
26	69353-2	Tie Bar - Front	1
27	69353-1	Tie Bar - Lower Rear	1
28	69353-3	Tie Bar - Upper Rear	1
29	69395	Stud & Base Assy	1
30	SC-47-2	Set Screw 10-24 X 1/4 Soc. Hdls., Cup Pt.	1
31	BN-5-3	Bearing Needle	1
32	69354	Shield	1
33	00-070487-00024	Capacitor	1
34	00-271612-00002	Switch - Electronic Start (50/60 Hz.)	1
35	00-439935-00001	Motor (115V / 60Hz / 1 Phase) (Incls Items 2 & 34)	1
36	00-439935-00002	Motor (220-240V / 50Hz / 1 Phase) (Incls Items 2 & 34)	1
37	00-439935-00003	Motor (115V / 50Hz / 1 Phase) (Incls Items 2 & 34)	1

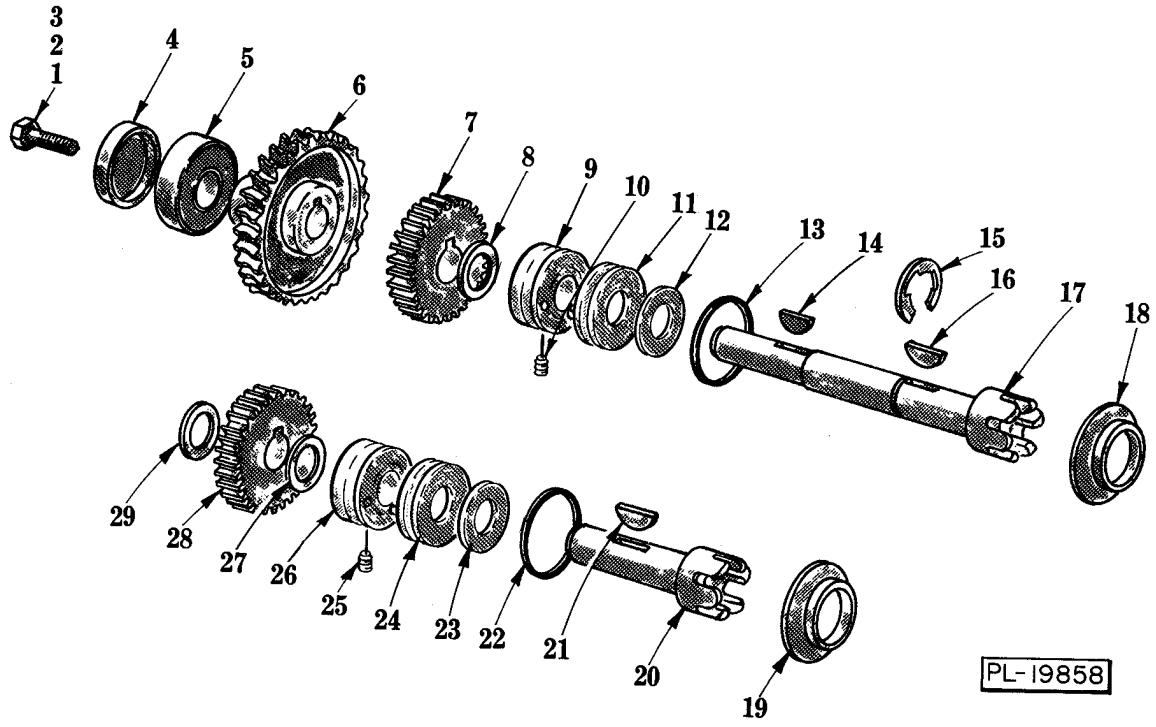


DRIVE UNIT
(ML-23054 & ML-23055)

DRIVE UNIT
(ML-23054 & ML-23055)

ILLUS. PL-17753	PART NO.	NAME OF PART	AMT.
1	SC-41-1	Cap Screw 1/4 - 20 X 3/4 Hex. Hd. SST	1
2	NS-13-2	Full Nut 1/4-20 Hex	1
3	WL-7-16	Lockwasher 1/4 Ext Shakeproof	1
4	69349	Gear - Worm (29T)	1
5	76855	Gear (32T)	1
6	WS-11-43	Washer	1
*7		Bearing Assy	1
8	SC-75-37	Set Screw 10-24 X 1/2 Soc. Hdls., Cup Pt	1
9	67500-69	"O" Ring	1
10	KW-3-10	Key - Woodruff 3/16 X 3/4 Lg	1
11	RR-6-9	Retaining Ring	1
12	KW-3-3	Key - Woodruff 1/8 X 1/2 Lg	1
13	69361	Shaft - Back Stub	1
14	69337	Seal - Face	1
15	69337	Seal - Face	1
16	69362	Shaft - Front Stub	1
17	KW-3-3	Key - Woodruff	1
18	67500-69	"O" Ring	1
19	SC-75-37	Set Screw 10-24 X 1/2 Soc. Hdls., Cup Pt	1
*20		Bearing Assy	1
21	WS-11-43	Washer	1
22	76855	Gear (32T)	1
23	WS-11-43	Washer	1
*24		Washer - Thrust	1
*25		Washer - Thrust	1
26	69338	Pusher - Bearing	1
27	BB-20-20	Ball Bearing - Fafnir #203K	1
			AR

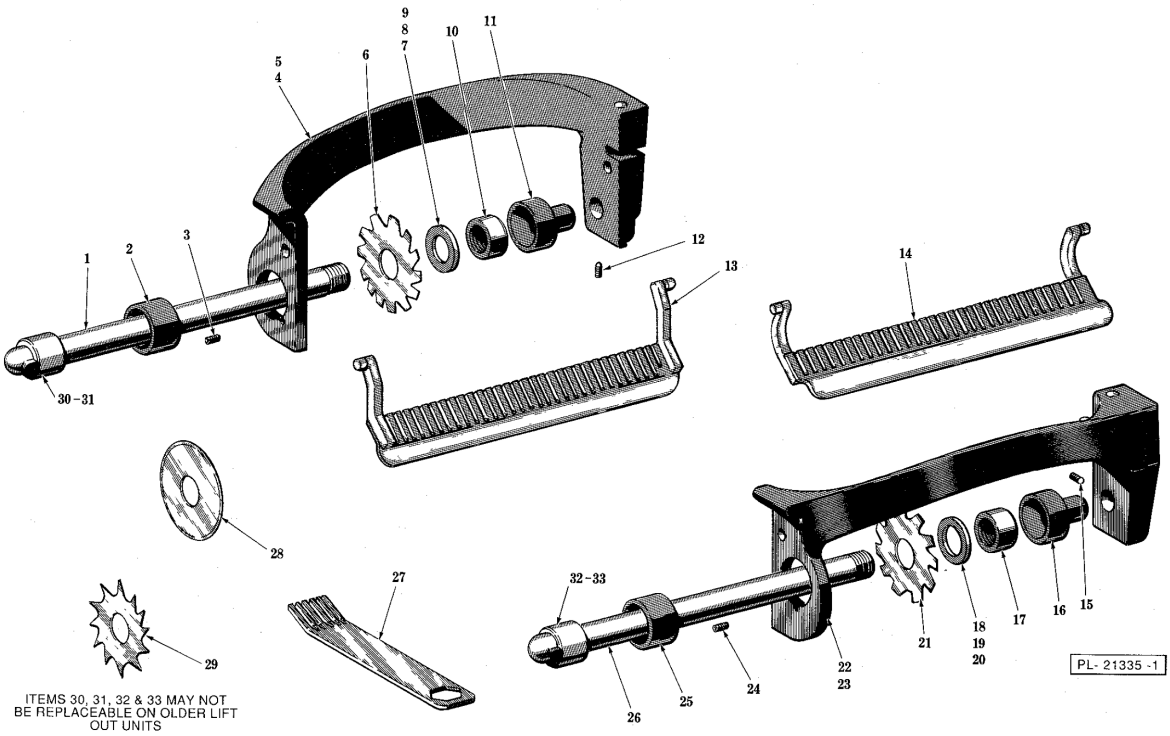
* Discontinued - Order Kit 00-292678. One kit converts both shafts



DRIVE UNIT
(ML-38579, ML-38791 & ML-38762)

DRIVE UNIT
(ML-38579, ML-38791 & ML-38762)

ILLUS. PL-19858	PART NO.	NAME OF PART	AMT.
1	SC-41-1	Cap Screw 1/4 - 20 X 3/4 Hex. Hd. SST	1
2	NS-13-2	Full Nut 1/4-20 Hex	1
3	WL-7-16	Lockwasher 1/4 Ext Shakeproof	1
4	69338	Pusher - Bearing	1
5	BB-20-20	Ball Bearing - Fafnir #203K	1
6	69349	Gear - Worm (29T)	1
7	76855	Gear (32T)	1
8	WS-11-43	Washer	1
9	292680	Bearing & Seat Assy	1
10	SC-88-46	Set Screw 10-24 X 3/8 Soc. Hdls., Cup Pt	1
11	292681	Seal, Retainer & Dowel Assy (Incls. item 13)	1
12	292675	Bearing - Thrust	1
13	67500-69	"O" Ring	1
14	KW-3-10	Key - Woodruff 3/16 X 3/4 Lg	1
15	RR-6-9	Retaining Ring	1
16	KW-3-3	Key - Woodruff 1/8 X 1/2 Lg	1
17	69361	Shaft - Back Stub	1
18	69337	Seal - Face	1
19	69337	Seal - Face	1
20	69362	Shaft - Front Stub	1
21	KW-3-3	Key - Woodruff 1/8 X 1/2 Lg	1
22	67500-69	"O" Ring	1
23	292675	Bearing - Thrust	1
24	292681	Seal, Retainer & Dowel Assy (Incls. item 22)	1
25	SC-88-46	Set Screw 10-24 X 3/8 Soc. Hdls., Cup Pt	1
26	292680	Bearing & Seat Assy	1
27	WS-30-9	Washer	1
28	76855	Gear (32T)	1
29	WS-30-9	Washer	1

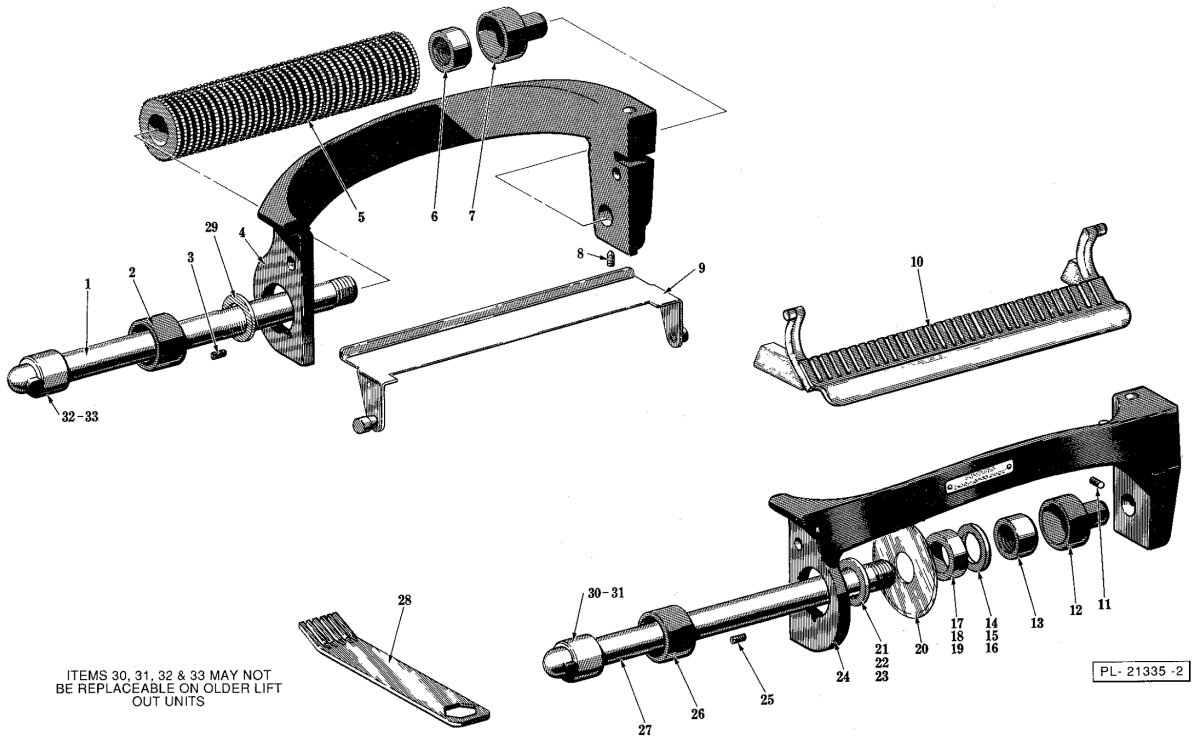


LIFT-OUT UNIT
(INDIVIDUAL BLADES)

LIFT-OUT UNIT
(INDIVIDUAL BLADES)

ILLUS. PL-21335-1	PART NO.	NAME OF PART	AMT.
1	274188	Back Blade Shaft Assy (Incls. items 30 & 31)	1
2	292103	Bearing - Left Back	1
3	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
*4	289290-1	Kit, Service 403 Front & Back Hangers	1
**5	289290-2	Kit, Service 403U Front & Back Hangers	1
6	292094	Blade (Std.)	AR
7	292097-1	Spacer (.140/.141 Thk.)	AR
8	292097-2	Spacer (.141/.142 Thk.)	AR
9	292097-3	Spacer (.142/.143 Thk.)	AR
10	292099	Lock Nut - Back	1
11	292101	Bearing - Right	1
12	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
13	292106	Back Stripper Assy	1
14	292105	Front Stripper Assy	1
15	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
16	292101	Bearing - Right	1
17	292098	Lock Nut - Front	1
18	292097-1	Spacer (.140/.141 Thk.)	AR
19	292097-2	Spacer (.141/.142 Thk.)	AR
20	292097-3	Spacer (.142/.143 Thk.)	AR
21	292094	Blade (Std.)	41
***22	289290-1	Kit, Service 403 Front & Back Hangers	1
****23	289290-2	Kit, Service 403U Front & Back Hangers	1
24	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
25	292102	Bearing - Left Front	1
26	274191	Front Blade Shaft Assy (Incls. items 32 & 33)	1
27	292592	Fork - Cleaning	1
28	292095	Blade - Round (No Knit)	13
29	292096	Blade - Star	41
30	274189	Hub-Shaft (Available on units with removable roll pins only)	1
31	RP-4-31	Roll Pin 1/4 X 1 (Available on units with removable roll pins only)	1
32	274175	Hub-Shaft (Available on units with removable roll pins only)	1
33	RP-4-31	Roll Pin 1/4 X 1 (Available on units with removable roll pins only)	1
	295730	Lift Out Unit (STD)	1
	295731	Lift Out Unit (No Knit)	1
	295808	Lift-Out Unit (403U)	1
	295732	Lift Out Unit (Star Blade)	1
	274172	Front Roller Unit (STD) (Incls. item 17)	1
	274173	Front Roller Unit (Star) (Incls. item 17)	1
	274177	Back Roller Unit (STD) (Incls. item 10)	1
	274179	Back Roller Unit (No Knit) (Incls. item 10)	1
	274178	Back Roller Unit (Star) (Incls. item 10)	1

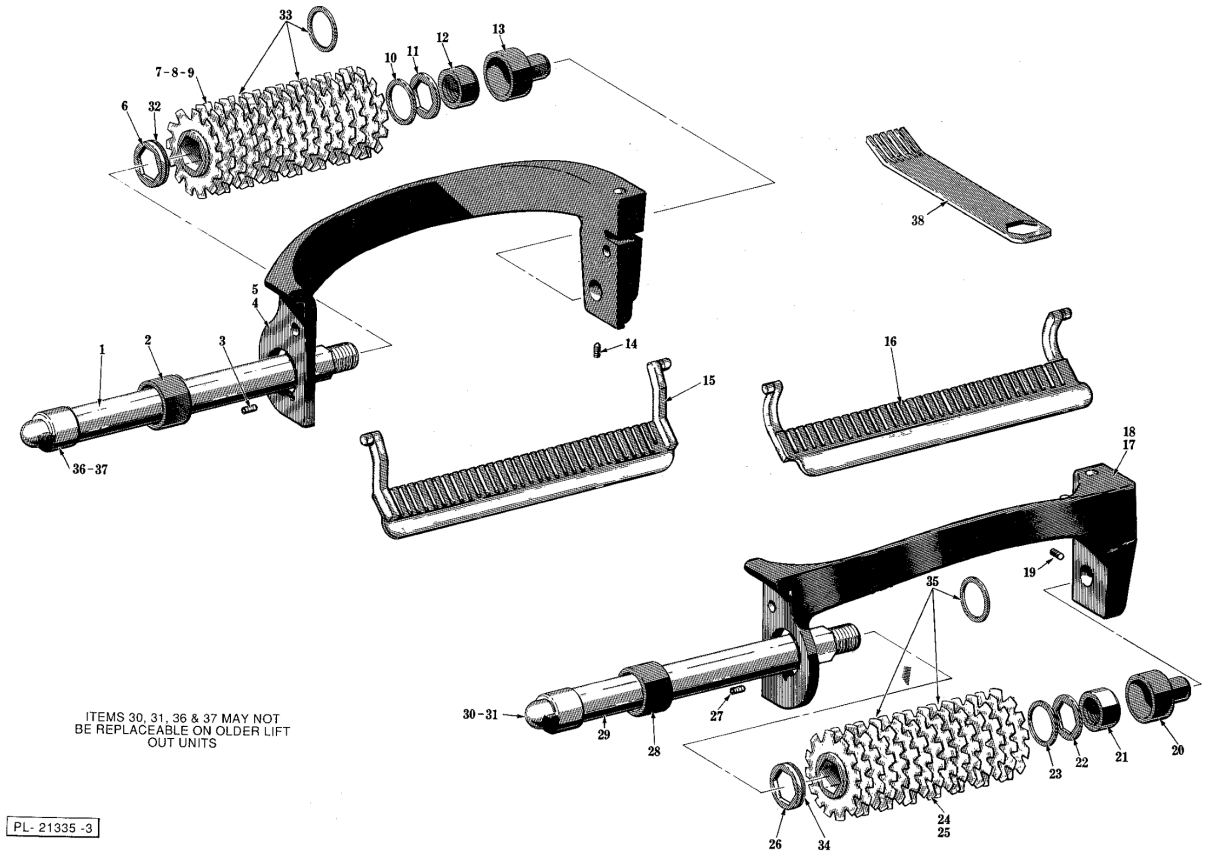
* Item 4 has been discontinued.
** Item 5 has been discontinued.
*** Item 22 has been discontinued.
**** Item 23 has been discontinued.



LIFT-OUT UNIT JULIENNE
(INDIVIDUAL BLADES)

LIFT-OUT UNIT JULIENNE
(INDIVIDUAL BLADES)

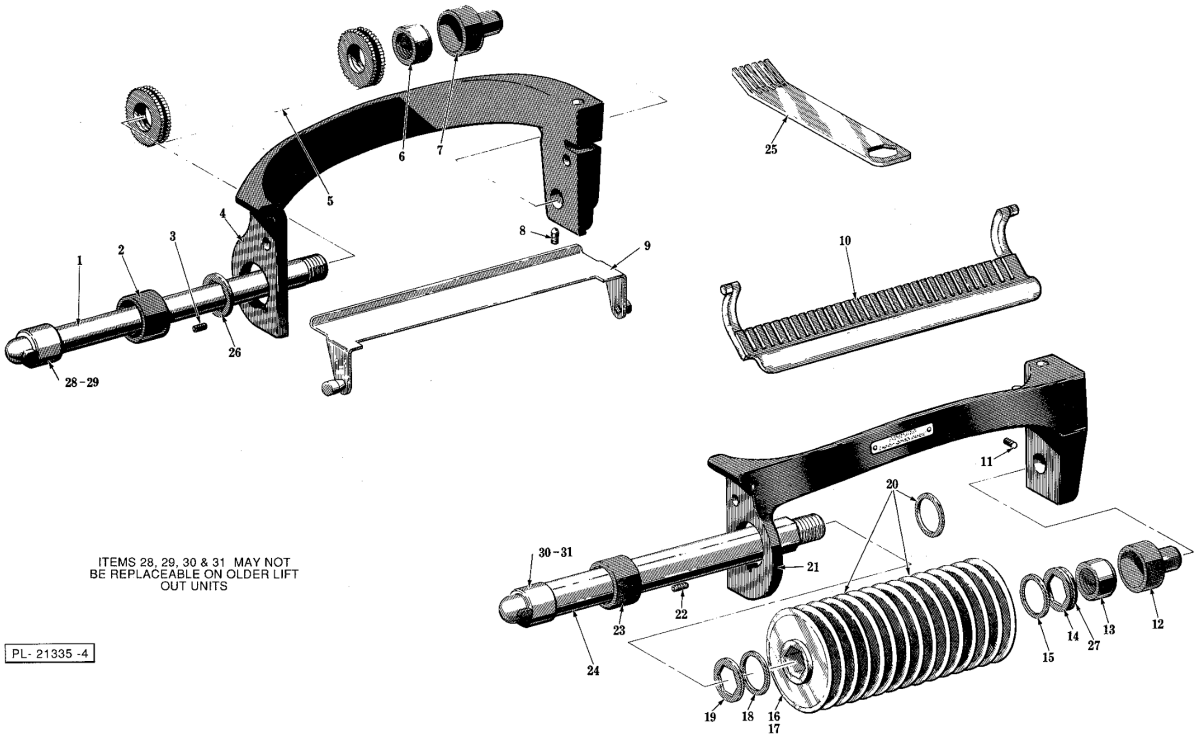
ILLUS. PL-21335-2	PART NO.	NAME OF PART	AMT.
1	274188	Back Blade Shaft Assy (Incls. items 32 & 33)	1
2	292103	Bearing - Left Back	1
3	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
5	270304	Roller	1
6	292099	Lock Nut - Back	1
7	292101	Bearing - Right	1
8	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
9	293197	Guide Assy Julianne	1
10	293192	Stripper - Julianne	1
11	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
12	292101	Bearing - Right	1
13	292098	Lock Nut - Front	1
25	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
26	292102	Bearing - Left Front	1
27	274191	Front Blade Shaft Assy (Incls. items 30 & 31)	1
28	292592	Fork - Cleaning	1
29	292097-2	Spacer (.141/.142 Thk.)	AR
30	274175	Hub-Shaft (Available on units with removable roll pins only)	1
31	RP-4-31	Roll Pin 1/4 X 1 (Available on units with removable roll pins only)	1
32	274189	Hub-Shaft (Available on units with removable roll pins only)	1
33	RP-4-31	Roll Pin 1/4 X 1 (Available on units with removable roll pins only)	1
	295931	Lift-Out Unit (Julianne "Wide")	1
	295932	Lift-Out Unit (Julianne "Narrow")	1



LIFT-OUT UNIT
(CLUSTER KNIVES)

LIFT-OUT UNIT
(CLUSTER KNIVES)

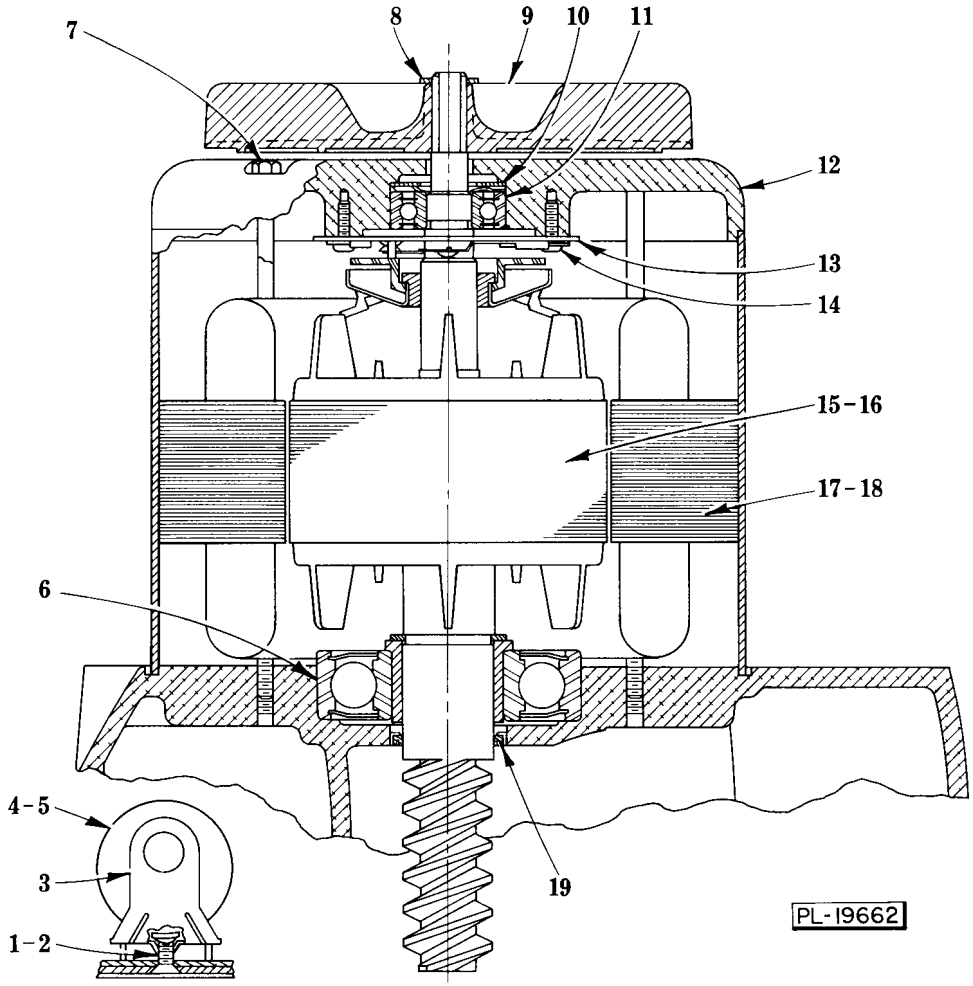
ILLUS. PL-21335-3	PART NO.	NAME OF PART	AMT.
1	274180	Shaft Assy (Rear) (Incls. items 36 & 37)	1
2	292103	Bearing - Left Back	1
3	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
6	293161	Spacer - Knife Rotor	1
7	293162	Cluster - Knives (Knit)	3
8	293181	Cluster - Knives (No-Knit)	3
9	293175	Cluster - Knives (Star)	3
10	293046-2	Spacer - Knife Rotor .005 Thk	1
11	293161	Spacer - Knife Rotor	1
12	292099	Lock Nut - Back	1
13	292101	Bearing - Right	1
14	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
15	292106	Back Stripper Assy	1
16	292105	Front Stripper Assy	1
19	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
20	292101	Bearing - Right	1
21	292098	Lock Nut - Front	1
22	293161	Spacer - Knife Rotor	1
23	293046-2	Spacer - Knife Rotor .005 Thk	1
24	293162	Cluster - Knives (Knit)	3
25	293175	Cluster - Knives (Star)	3
26	293161	Spacer - Knife Rotor	1
27	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt	1
28	292102	Bearing - Left Front	1
29	274174	Shaft Assy (Front) (Incls. items 30 & 31)	1
30	274175	Hub-Shaft (Available on units with removable roll pins only)	1
31	RP-4-31	Roll Pin 1/4 X 1 (Available on units with removable roll pins only)	1
32	293046-2	Spacer - Knife Rotor .005 Thk	1
33	293046-2	Spacer - Knife Rotor .005 Thk. (Insert Between Clusters)	2
34	293046-2	Spacer - Knife Rotor .005 Thk	1
35	293046-2	Spacer - Knife Rotor .005 Thk. (insert Between Clusters)	2
36	274181	Hub - Shaft (Available on units with removable roll pins only)	1
37	RP-4-31	Roll Pin 1/4 X 1 (Available on units with removable roll pins only)	1
38	292592	Fork - Cleaning	1
	295730	Lift Out Unit (STD)	1
	295808	Lift-Out Unit (403U)	1
	295731	Lift Out Unit (No Knit)	1
	295732	Lift Out Unit (Star Blade)	1
	274172	Front Roller Assy (Knit) (No Knit) (Incls. items 21, 22, 23, 24, 26, 29, 34 & 35)	1
	274173	Front Roller Assy (Star Cluster) (Incls. items 21, 22, 23, 25, 26, 29, 34 & 35)	1
	274177	Rear Roller Assy (Knit) (Incls. items 1, 6, 7, 10, 11, 12, 32, & 33)	1
	274179	Rear Roller Assy (No Knit) (Incls. items 1, 6, 8, 10, 11, 12, 32 & 33)	1
	274178	Rear Roller Assy (Star) (Incls. items 1, 6, 9, 10, 11, 12, 32 & 33)	1
	295965	Cleaning & Storage Unit	1



LIFT-OUT CLUSTER UNIT JULIENNE
(NARROW/WIDE CLUSTER KNIVES)

LIFT-OUT CLUSTER UNIT JULIENNE (NARROW/WIDE CLUSTER KNIVES)

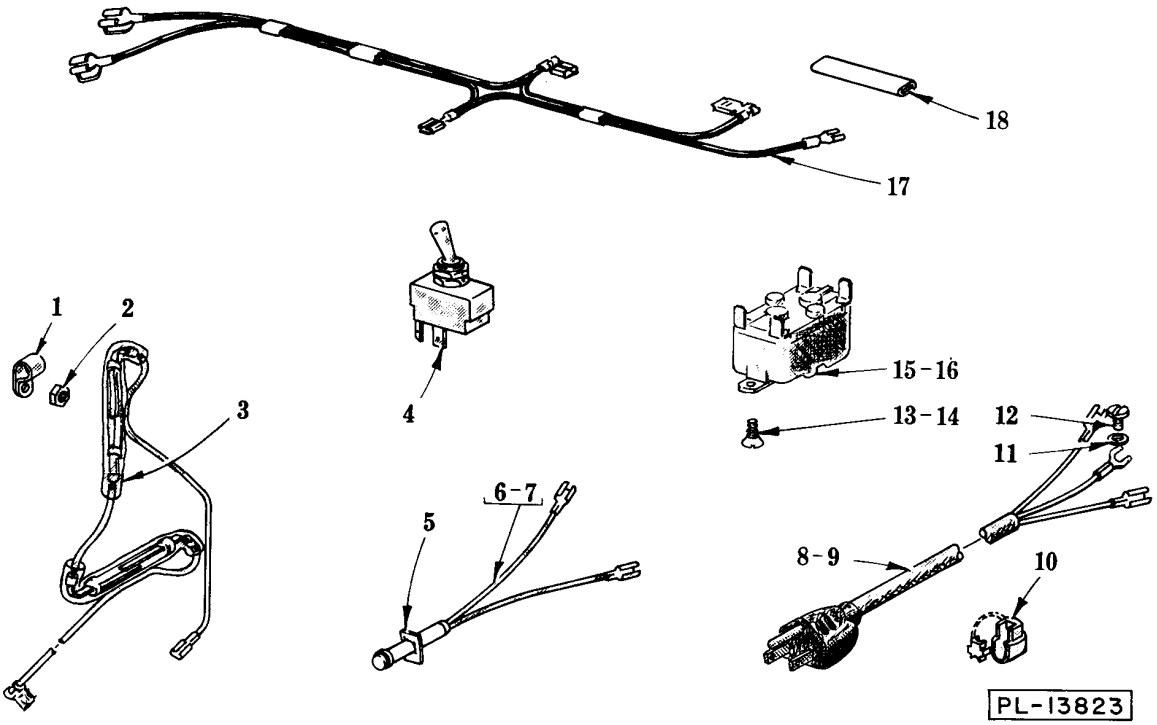
ILLUS. PL-21335-4	PART NO.	NAME OF PART	AMT.
1	274188	Back Blade Shaft Assy (Incls. items 28 & 29)	1
2	292103	Bearing - Left Back	1
3	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt.	1
5	270304	Roller	1
6	292099	Lock Nut - Back	1
7	292101	Bearing - Right	1
8	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt.	1
9	293197	Guide Assy Julienne	1
10	293192	Stripper - Julienne	1
11	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt.	1
12	292101	Bearing - Right	1
13	292098	Lock Nut - Front	1
14	293161	Spacer - Knife Rotor (Use with "Narrow" (3/16) Cluster Only)	1
15	293046-2	Spacer - Knife Rotor.005 Thk	1
16	293188	Cluster - Knives (Julienne " Narrow") (3/16")	3
17	293187	Cluster - Knives (Julienne "Wide') (3/8")	4
18	293046-2	Spacer - Knife Rotor .005 Thk	1
19	293161	Spacer - Knife Rotor	1
20	293046-2	Spacer - Knife Rotor .005 Thk. (Insert Between Clusters)	AR
22	SC-113-25	Set Screw 1/4-20 X 1/4 Soc. Hdls. Cup Pt.	1
23	292103	Bearing - Left Back	1
24	274185	Shaft Assy (Front) (Julienne) (Incls. items 30 & 31)	1
25	292592	Fork - Cleaning	1
26	293161	Spacer - Knife Rotor	1
27	293046-1	Spacer - Knife Rotor .075" Thk. (Use with "Narrow" (3/16") Cluster Only)	1
28	274189	Hub-Shaft (Available on units with removable roll pins only)	1
29	RP-4-31	Roll Pin 1/4 X 1 (Available on units with removable roll pins only)	1
30	274181	Hub-Shaft (Available on units with removable roll pins only)	1
31	RP-4-31	Roll Pin 1/4 X 1 (Available on units with removable roll pins only)	1
	274184	Front Roller Assy (Julienne "Narrow") (3/16) (Incls. items 13 thru 16, 18,19,20 & 24)	1
	274183	Front Roller Assy (Julienne "Wide") (3/8) (Incls. items 13,15, 17, 18, 19, 20 &24)	1
	274187	Rear Roller Assy (Julienne) (Incls. items 1, 5, 6 & 26)	1
	295965	Cleaning & Storage Unit	1



MOTOR UNIT
(OLD STYLE [NO ELECTRONIC START SWITCH])

MOTOR UNIT
(OLD STYLE [NO ELECTRONIC START SWITCH])

ILLUS. PL-19662	PART NO.	NAME OF PART	AMT.
1	SC-22-16	Mach. Screw 10-24 X 5/16 Flat Hd	2
2	76774	Tension Nut 10-24 Sq	2
3	66621-1	Bracket - Capacitor (Motor Start)	1
4	70487-3	Capacitor	1
5	70486-1	End Cap - Capacitor	1
6	BB-6-31	Ball Bearing - MRC #306SFF	1
7	113690	Mach Screw 10-32 X 5 5/8 Indented Hex. Hd	4
8	RR-007-18	Retaining Ring	1
9	00-292466-00002	Fan - Ventilating	1
10	SL-2-2	Loading Spring - N.D. #S-12	1
11	BB-5-11	Ball Bearing - Fafnir #201 NPPFS	1
13	111688-4	Switch - Starting (Stationary Part)	1
14	SD-9-34	Self-Tapping Screw 6-32 X 3/8 Phil Pan Hd., Type F	2
19	69348	Seal 1" Dia	1
	293452-3	Starting Relay (60 Hz.)	1
	293452-4	Starting Relay (50 Hz.)	1



ELECTRICAL UNIT

ELECTRICAL UNIT

ILLUS. PL-13823	PART NO.	NAME OF PART	AMT.
1	69193-4	Clip - Cord	2
2	NS-9-7	Mach. Nut 6-32 Hex	2
3	69377	Reed Switch Assy	1
4	87711-148-1	Switch (With Nuts)	1
5	69360-3	Push Nut	1
6	69360-1	Pilot Light (60 Hz.) (Incls Item 5)	1
7	69360-2	Pilot Light (50 Hz.) (Incls Item 5)	1
8	117542-21	Cord & Plug Assy (3 Cond. Under 15OV., 60 Hz.)	1
9	117542-42	Cord Only (Less Plug) (3 Cond.) (50 Hz.)	1
10	FE-015-05	Strain Relief	1
11	WL-6-7	Lockwasher 10 Medium	1
12	SD-24-1	Self-Tapping Screw 10-24 x 3/8 Pan Hd., Type TT	1
13	SC-22-66	Mach Screw 6-32 X 5/16 Flat Hd	2
14	NS-9-7	Mach. Nut 6-32 Hex	2
15	76850-1	Relay (115V., 50/60 Hz.)	AR
16	76850-2	NLA - Obsolete--Relay (220 - 24OV., 50 Hz.)	1
17	76773	Harness - Wiring	1
18	65890-29	Connector - Splice	2