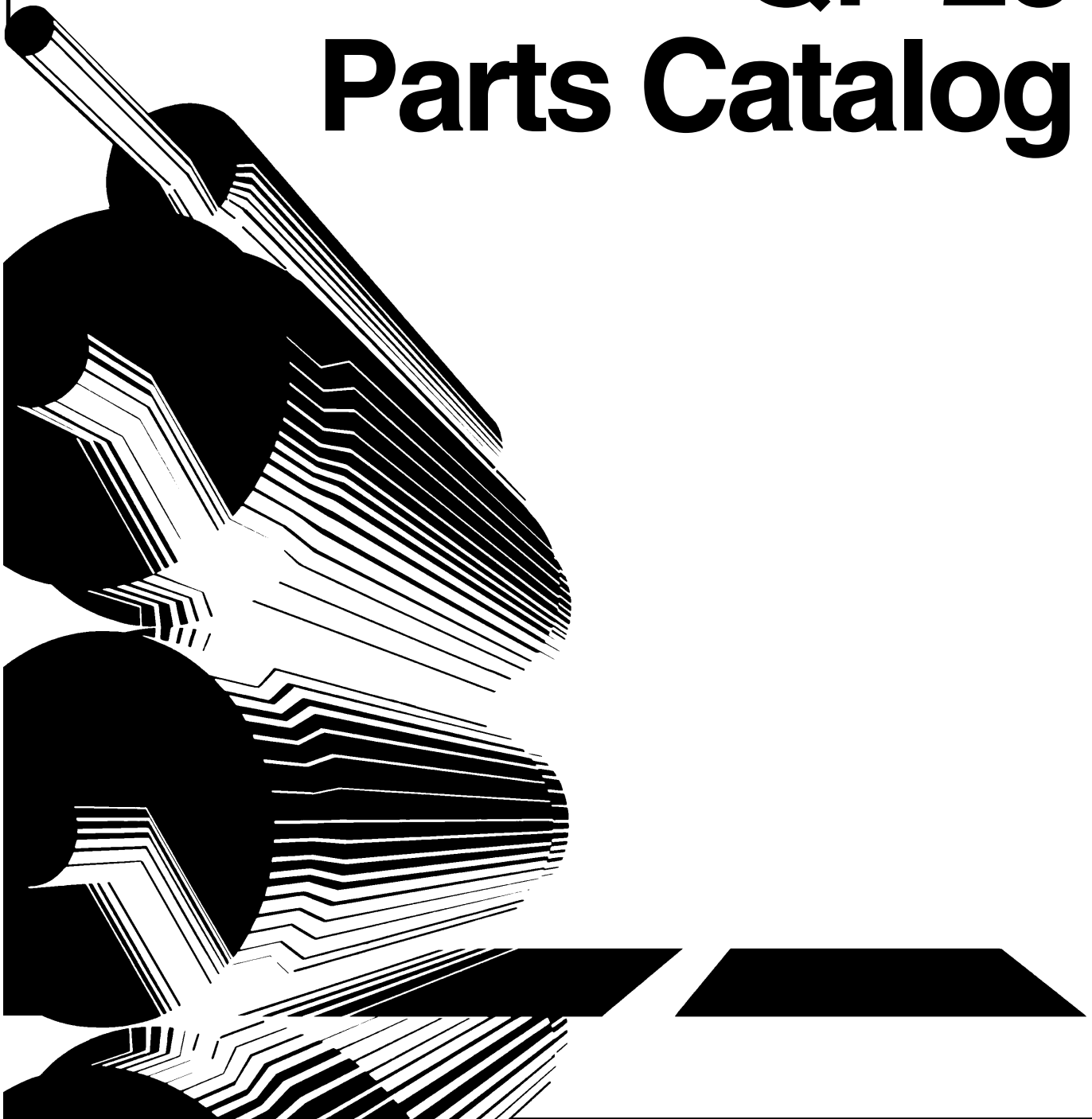




QP 25 Parts Catalog



WARNING:

THIS PARTS MANUAL IS INTENDED ONLY TO ASSIST QUALIFIED PERSONS IN IDENTIFYING SPECIFIC REPAIR PARTS. THIS PARTS MANUAL IS NOT A SERVICE REPAIR MANUAL NOR IS IT A SUBSTITUTE FOR A SERVICE REPAIR MANUAL. UNQUALIFIED PERSONS SHOULD NOT ATTEMPT TO SERVICE THE EQUIPMENT DESCRIBED IN THIS PARTS MANUAL, WHETHER BY IMPROPER USE OF THIS PARTS MANUAL OR OTHERWISE. ANY UNQUALIFIED PERSON ATTEMPTING TO SERVICE SUCH EQUIPMENT MAY INADVERTENTLY CAUSE DAMAGE TO THE EQUIPMENT AND/OR CAUSE INJURY TO HIMSELF OR TO OTHERS. USERS OF THIS PARTS MANUAL ARE ADVISED THAT A.B.DICK COMPANY WILL NOT BE LIABLE FOR ANY PERSONAL INJURY OR PROPERTY DAMAGE ARISING OUT OF ANY USE OF THIS PARTS MANUAL FOR PURPOSES FOR WHICH IT WAS NOT INTENDED.

IMPORTANT NOTICE:

The information contained in this publication is proprietary to A.B.Dick Company. No part of this document may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of A.B.Dick Company. Further, the custodian of this document shall ensure that no part of this document shall be used for any purpose other than that for which it is intended without the prior written permission of A.B.Dick Company.

Parts Catalog

GENERAL INFORMATION

PARTS IDENTIFICATION AND ORDERING INSTRUCTIONS

- I. Order Repair Parts by part number only. Do not order by figure and index numbers.
- II. In some instances you will see two or more of the same index number with different part numbers. In such cases, please read the full description for your particular needs.
- III. The following symbols and abbreviations are used consistently as aids in identification:
 - A. Symbols
 1. (*) Part of an assembly and not sold separately.
 2. (***) Are used for all other pertinent remarks.
 - B. Abbreviations
 1. OS = Operator Side
 2. NOS = Non-operator Side
 3. I.D. = Inside Diameter
 4. O.D. = Outside Diameter
 5. O.A.L. = Overall Length
 6. V. = Volts
 7. Hz. = Cycles Per Second
 8. Amp. = Amperes
 9. Dia. = Diameter
 10. HP. = Horse Power
 11. A/R = As Required

Contents

Paper Back Stop / Rear Air Blower Assembly	2
Paper Pile Supports	4
Paper Guides and Mounting Bar - Part I	6
Paper Guides and Mounting Bar - Part II	8
Cover Assemblies	10
Knobs, Handles and Cranks	12
Control Panel	14
Safety Guard - Blanket Cylinder	16
Safety Guard - Dampener and Ink	18
Tie Bar	20
Ink Bridges	22
Waver, Oscillating and Rider Rollers	24
Dampener - Part I	26
Dampener - Part II	28
Distributor and Ductor Rollers	30
Ink Metering Assembly	32
Ink Fountain Assembly	34
Clean-up Assembly	36
Ink Foundation Linkage	38
Waver Roller Assembly	40
Upper Form Roller and Shaft Assembly	42
Lower Form Roller and Shaft Assembly	44
Form Roller Separator Shaft	46
Form Roller - Third	48
Master Cylinder Assembly - Part I	50
Master Cylinder Assembly - Part II	52
Master Cylinder Shaft and Support Arms	54
Gap Control - Master Cylinder	56
Ink Head Side Frames Part I	58
Ink Head Side Frames Part II	60
Master Cylinder Latch and Power Lever	62
Emergency Stop and Doubles Switches	64
Blanket Cylinder - Part I	66
Blanket Cylinder - Part II	68
Drive Shaft & Disengaging Handwheel Assembly - Part I	70
Drive Shaft & Disengaging Handwheel Assembly - Part II	72
Cam Shaft Assembly	74
Impression Cylinder Assembly	76
Impression Cylinder Shaft and Support Arms	78
Impression Latch and Feed Solenoid	80
Impression Cylinder Gap Control - Part I	82
Impression Cylinder Gap Control - Part II	84
Mid Section Side Frames	86
Paper Height Adjustment	88
Paper Pile Support Release Lever	90

Parts Catalog

Buckle Adjusting and Lever Assemblies	92
Feed Solenoid and Link Assemblies	94
Feed Mechanism and Power Link	96
Paper Pile Support Raising Mechanism	98
Main Tie Bar Assembly - Part I	100
Main Tie Bar Assembly - Part II	102
Sucker Foot Assembly	104
Vacuum Make and Break Control	106
Delivery Roller and Stripper Assembly	108
Jam Detector Assembly	110
Base Frame and Drive Motor	112
Paper Guides	114
Air and Vacuum Assemblies - Part I	116
Air and Vacuum Assemblies - Part II	118
Compressor Assembly	120
Wire Harness - O.S.	122
Wire Harness - N.O.S.	124
Control Box - Part I	126
Divider Assembly, Electrical	128
Control Box - Part II	130
Control Box - Part III	132
Control Box - Part IV	134
Control Box Harnesses	136
Control Box Ribbon Cables	138
Sprocket Shaft and Paper Guides	140
Gripper Bar and Chain Assemblies	142
Work Light	144
Idler Shaft Assembly	146
Back Jogger Mechanism - Part I	148
Back Jogger Mechanism - Part II	150
Dolly Raise Shaft Assembly	152
Dolly Raise Control	154
Paper Guides Chain Delivery	156
Safety Guards and Switches - Chain Delivery	158
Safety Screens and Back Stop - Chain Delivery	160
Covers and Frames - Chain Delivery	162
Dolly and Frame Assemblies	164
INDEX	166

A.B.Dick Company
Worldwide Headquarters
7400 Caldwell Ave.
Niles, Illinois 60714
(800)-422-3616
(847)-779-1900
(847)-647-6940 Fax
www.abdick.com



Model QP 25

Parts Catalog

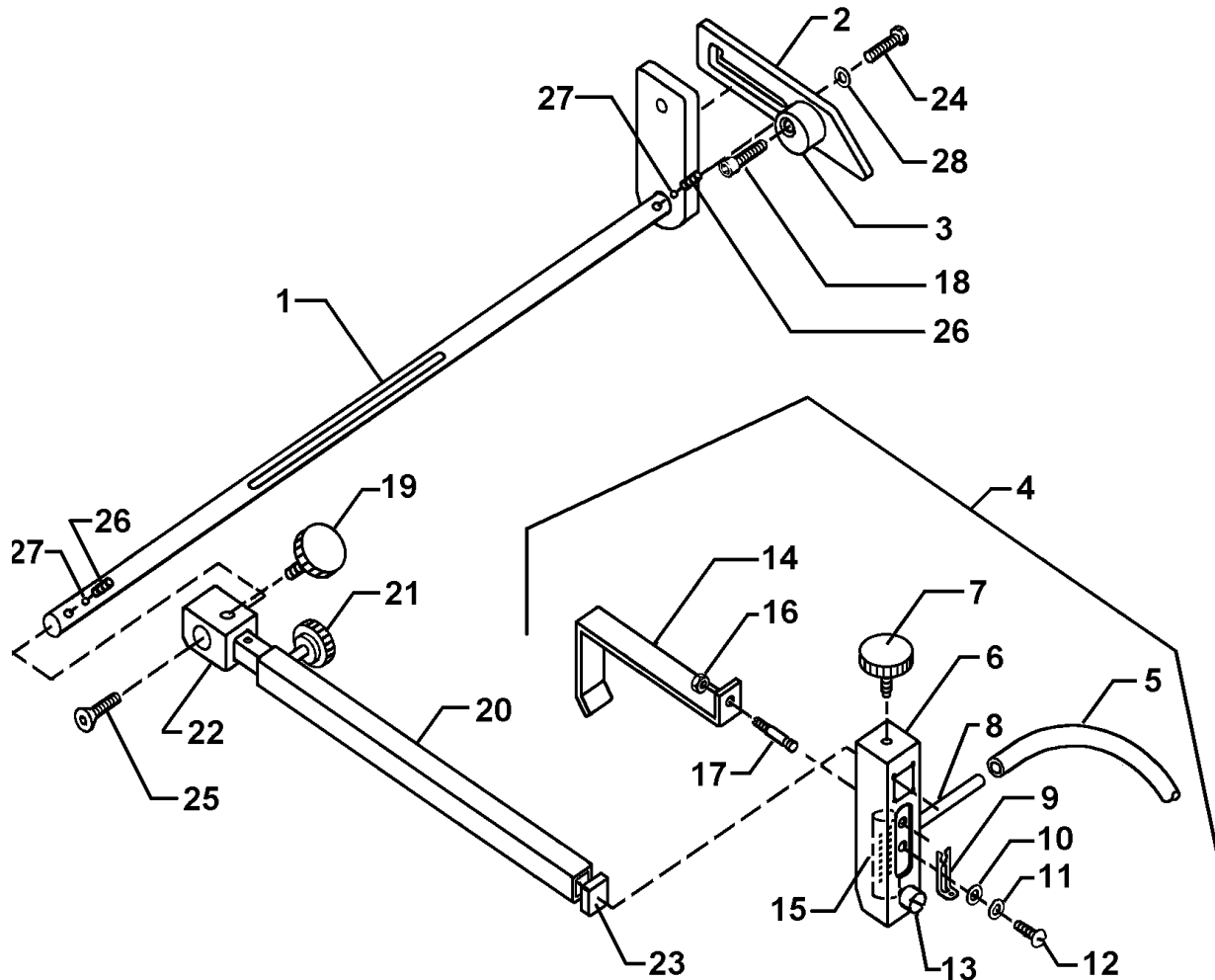


FIGURE 1
Paper Back Stop / Rear Air Blower Assembly

Parts Catalog

Index No.	Part No.	Figure 1 Description	Units Per Assy.
1	403822	SHAFT ASSEMBLY - Rear Stop Weldment	1
2	403933	LINK - Rear Stop Shaft	1
3	403805	BLOCK - Eccentric Pivot	1
4	*403757	BACKBLOWER STOP ASSEMBLY	1
5	403947	TUBE - Air System	1
6	403800	BLOCK - Back Stop Blower	1
7	073394	THUMB SCREW - Hold Down	1
8	403926	TUBE - Rair Air BLower	1
9	195188	LATCH	1
10	014770	WASHER - # 6	1
11	001702	WASHER	1
12	001588	SCREW	1
13	197616	KNOB - Paper Hold Down	1
14	403802	L-STOP - Back Blower	1
15	403927	NOZZLE ASSEMBLY - Rear Blower	1
16	150050	NUT	1
17	403803	PIN - Back Stop Lock	1
18	102588	SCREW - Black, 10-32 x 5/8"	1
19	403804	KNOB - Back Blower Stop	1
20	13-5-190395	TUBE - S/Assy. Back Stop	1
21	13-1-193427	SCREW - Thumb 1/4-20 X .8 NYL	1
22	403809	PIVOT ARM ASSEMBLY	1
23	13-0-193428	END CAP - Plastic	1
24	191732	SCREW	1
25	102384	SCREW - 1/4-28 X 3/4", Blk. Oxide	1
26	102379	SCREW - 10-32 X 3/16", Blk. Oxide	2
27	403294	LEAD BALL	2
28	102224	WASHER - Thrust	1

* Not Procurable Separately

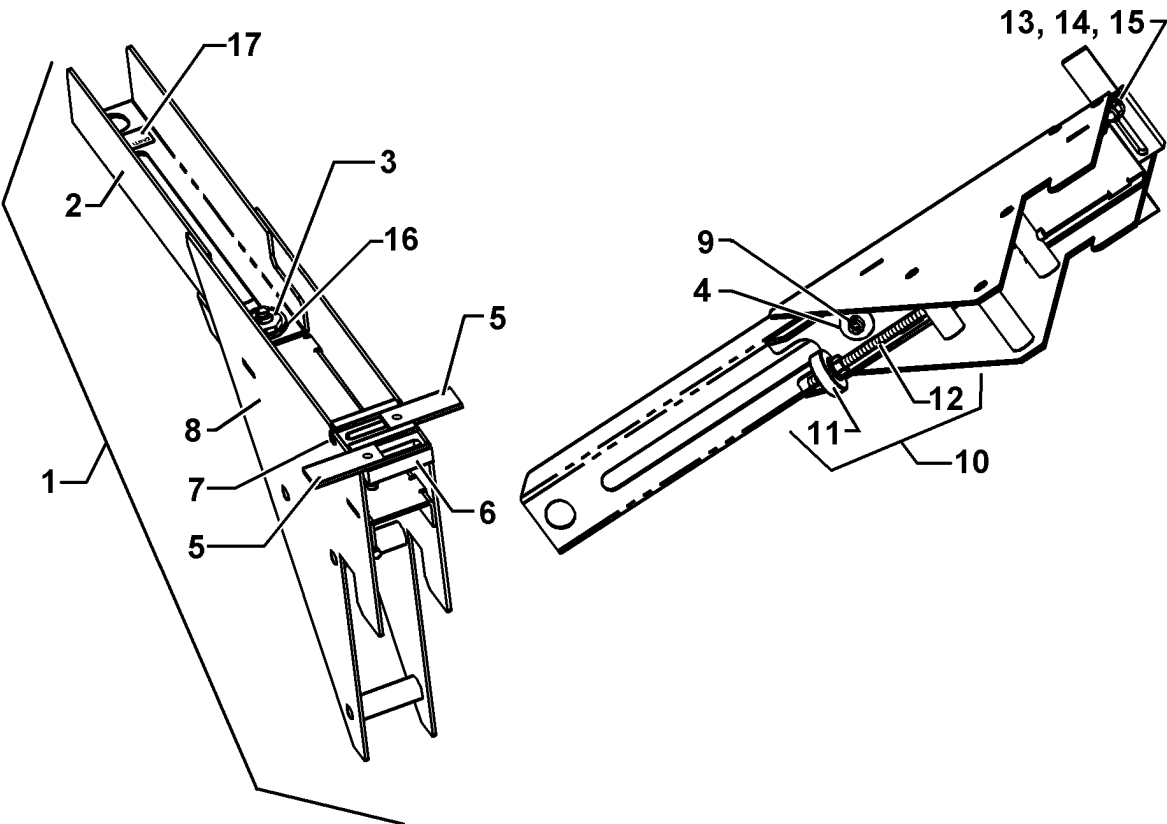


FIGURE 2
Paper Pile Supports

Parts Catalog

Index No.	Part No.	Figure 2 Description	Units Per Assy.
1	403980	Paper Pile Support Assembly	3
2	403988	CHANNEL - Paper Support Extension	3
3	196884	NUT - Hex, 1/4-28	3
4	016572	WASHER - # 15	3
5	403990	SLIDER - Paper Support	6
6	403989	BLOCK - Paper Support	3
7	112652	SCREW - # 12	12
8	403981	WELDMENT - Feed Table	3
9	014219	SCREW - # 2	3
10	403991	SCREW KNOB ASSEMBLY	3
11	403992	KNOB - Threaded Hole	3
12	403993	ROD - Threaded	3
13	196884	NUT - Hex, 1/4-28	6
14	193549	WASHER - Spring, Curved	6
15	003855	WASHER	6
16	194803	WASHER	3
17	403937	CAUTION LABEL - Pile Supports	3

Parts Catalog

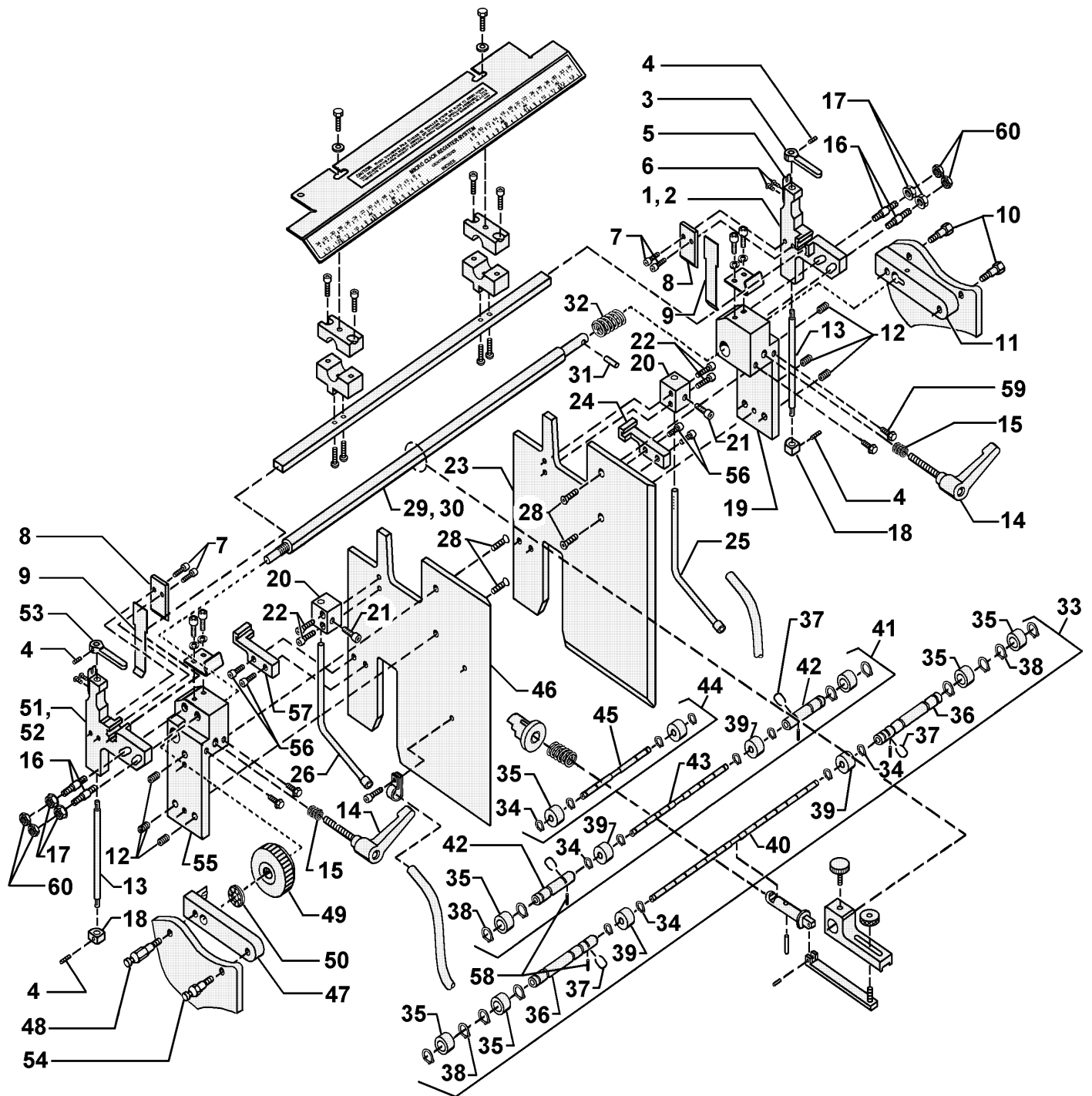


FIGURE 3
Paper Guides and Mounting Bar - Part I

Parts Catalog

Index No.	Part No.	Figure 3 Description	Units Per Assy.
1	403856	JOGGER ASSEMBLY - (NOS)	1
2	403870	BLOCK - Jogger, (NOS)	1
3	403994	LEVER - Jog Adjust (NOS)	1
4	101515	SET SCREW - 6-32 X 3/16 Black	4
5	403871	DETENT - Spring	2
6	102654	SCREW - Cap, 4-40	4
7	014164	SCREW - # 25	4
8	403879	PLATE - Jogger Strip Mtg.	2
9	403873	STRIP - Jogger	2
10	403857	SCREW - Shoulder	2
11	403853	BRACKET - Registration Assembly Mtg. (NOS)	1
12	014390	SET SCREW - # 5	6
13	403867	ROD - Jog Adjust	2
14	197609	HANDLE - Adjustable	2
15	403923	SPRING - Compression	2
16	403995	STUD - Jogger Block	4
17	150085	NUT - # 4	4
18	403868	CAM - Jogging Adjust	2
19	403865	SUPPORT SIDE PLATE - (NOS)	1
20	403880	BLOCK - Tube Holder	2
21	001649	SCREW - 10-32 X 1/2"	2
22	101193	SCREW - # 3	4
23	403882	PLATE PAPER GUIDE - (NOS)	1
24	403878	GUIDE PLATE - NOS	1
25	403875	TUBE - Paper Blower (NOS)	1
26	403874	TUBE - Paper Blower (OS)	1
27	403946	TUBE - Air System	1
28	102356	SCREW - Black Oxide, 10-32 X 1/2"	4
29	403851	SHAFT ASSEMBLY - Microlateral Adjust	1
30	403850	SHAFT - Microlateral Adjust	1
31	102653	DOWEL PIN	1
32	197607	SPRING	1
33	403917	ROLLER - Paper Weight (Large)	1
34	001049	RETAINING RING _ # 20	12
35	403842	ROLLER - Paper (Large)	6
36	403847	EXTENSION - Shaft (Large)	2
37	403846	CLIP - Retaining	4
38	001047	SN RING - # 50	12
39	403841	ROLLER - Paper (Small)	6
40	403848	SHAFT - Roller (Large)	1
41	403916	ROLLER - Paper Weight (Medium)	1
42	403845	EXTENSION - Shaft (Mid)	1
43	403844	SHAFT - Roller (Mid)	1
44	403915	ROLLER - Paper Weight (Small)	1
45	403843	SHAFT - Roller (Small)	1
46	403881	PLATE - Paper Guide (OS)	1
47	403854	BRACKET - Registration Assembly Mtg. (OS)	1
48	403858	SPRING ANCHOR - Rear	1
49	403852	DIAL - Micro Lateral Adjust	1
50	197608	BEARING - Needle Thrust	1
51	403855	JOGGER ASSEMBLY	1
52	403869	BLOCK - Jogger (OS)	1
53	403866	LEVER - Jog Adjust (OS)	1
54	403859	SPRING ANCHOR - Forward	1
55	403864	SUPPORT SIDE PLATE (OS)	1
56	102345	SCREW - 10-32 x 12"	4
57	403877	GUIDE PLATE (OS)	1
58	100738	ROL LPIN - # 25	4
59	100685	SCREW - Hex Washer, 6-32 X 3/8", Zinc	4
60	150050	NUT	4

Parts Catalog

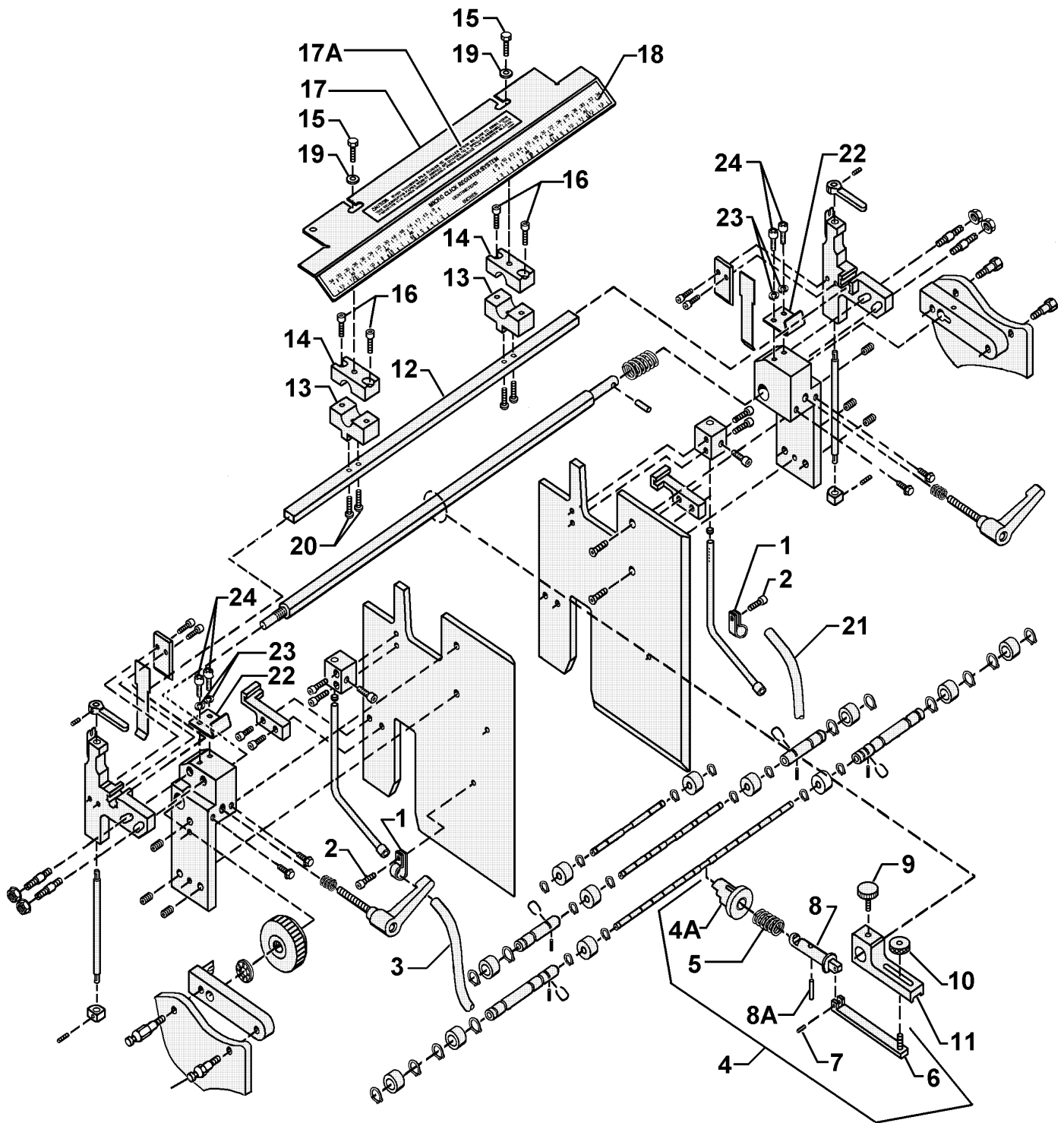


FIGURE 4
Paper Guides and Mounting Bar - Part II

Parts Catalog

Index No.	Part No.	Figure 4 Description	Units Per Assy.
1	250273	HOSE CLAMP - # 4	2
2	001611	SCREW	2
3	*403945	TUBE - Air System 48" Long	1
4	403849	SUPPORT ASSEMBLY - Paper Roller	1
4A	403896	LATCH - Paper Roller	1
5	197611	SPRING - Compression	1
6	403894	SLIDE ASSEMBLY - Paper Roller	1
7	032868	ROLL PIN	1
8	403895	SUPPORT - Paper Roller	1
8A	197620	DOWEL PIN - Shaft Rod, .1255 x .375	1
9	197616	KNOB - Paper Hold Down	1
10	197617	NUT - Knurled	1
11	403892	BLOCK - Paper Roller	1
12	403863	JOGGERBAR	1
13	403862	CLAMP - Bottom Mounting	2
14	403861	CLAMP - Top Mounting	2
15	111050	SCREW - # 8	2
16	101193	SCREW - # 3	4
17	403996	SCALE ASSEMBLY - Paper Width Adjust	1
17A	403936	LABEL - Caution Paper Weight	1
18	403883	DECAL - Paper Width Adjust	1
19	403834	SPACER - Cable Clamp	2
20	100500	SCREW	4
21	*403946	TUBE - Air System	1
22	404062	PINCH GUARD	2
23	000666	WASHER	4
24	014350	SCREW #3	4

* Use 403947 - Tubing, 72" (cut to length).

Parts Catalog

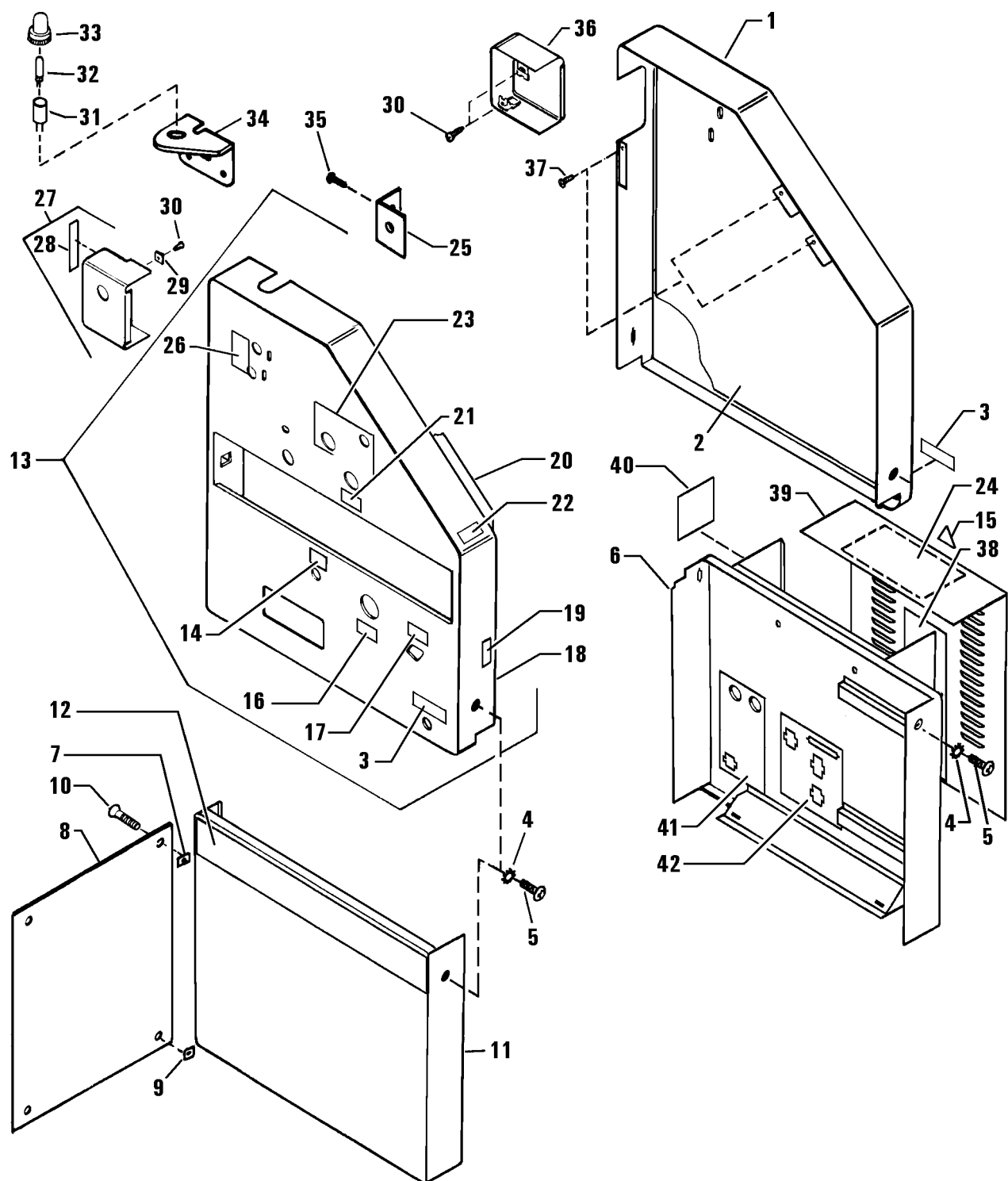


FIGURE 5
Cover Assemblies

Parts Catalog

Index No.	Part No.	Figure 5 Description	Units Per Assy.
1	402941	COVER ASSEMBLY - Top N.O.S.	1
2	402961	SCREW - 10-16 x 1/2	1
3	172857	DECAL - Lateral Paper Adjust	1
4	100485	WASHER - Lock, Countersunk # 10	8
5	196222	SCREW - Painted, 10-32 x 5/8	8
6	403749	COVER & CONTROL BOX ASSEMBLY - QP25	1
7	101551	NUT - Speed	2
8	016315	PANEL - Rear, Flat.....	1
9	101982	NUT - Speed Type .276	2
10	101550	SCREW - 1/4-2/8 x 5/8	4
11	402978	COVER ASSEMBLY - Lower, O.S.	1
12	403708	PANEL - QP25	1
13	402948	TOP COVER ASSEMBLY - O.S, QP25	1
14	017604	DECAL - Buckle.	1
15	400545	LABEL - Shock	1
16	402964	DECAL - Table Crank	1
17	402965	DECAL - Table Raise	1
18	402959	PANEL - Sound, Top, O.S.	1
19	017605	DECAL - Paper Height	1
20	402960	PANEL - Sound, Top, O.S.	1
21	402963	DECAL - Image Raise/Lower	1
22	402966	DECAL - Maximum Load	1
23	017094	DECAL - Oper. Cont.	1
24	403939	DECAL -Component ID, QP25	1
25	083648	BRACKET - Angle	1
26	017607	DECAL - Form Roller	1
27	017537	COVER ASSEMBLY - Ink, O.S.	1
28	017541	DECAL - Ink	1
29	001884	NUT - Speed, # 10	2
30	014311	SCREW - 8-15 x 5/8	8
31	253561	HOUSING - Lamp	1
32	253563	LAMP - 6.3 V	1
33	253562	LENS CAP - Red	1
34	022838	BRACKET - Mounting, Alarm Light	1
35	001259	SCREW - 10-16 x 1/2	1
36	017539	COVER ASSEMBLY - Ink, N.O.S.	1
37	001259	SCREW - 10-16 x 1/2	1
38	403412	DECAL - Wiring Diagram	1
39	403938	COVER ASSEMBLY - Control Box, QP25	1
40	403418	DECAL - Control Box	1
41	402238	DECAL - Motor Conn.	1
42	403752	DECAL - Control Box Connectors	1
43	025405	GASKET	1

Parts Catalog

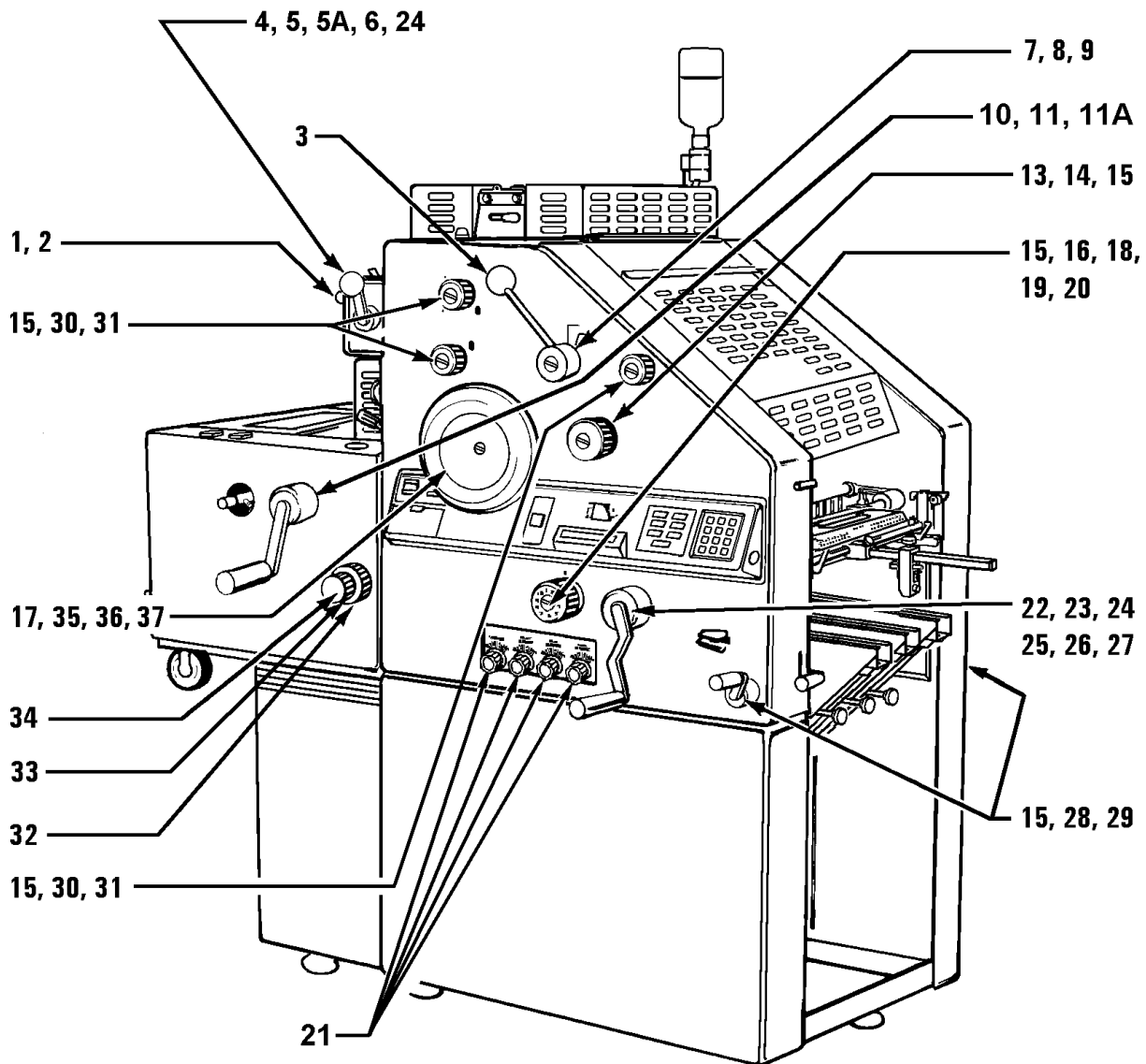


FIGURE 6
Knobs, Handles and Cranks

Parts Catalog

Index No.	Part No.	Figure 6 Description	Units Per Assy.
1	011371	HANDLE	1
2	072052	LOCK - Spring	1
3	017819	KNOB	1
4	196219	CRANK HANDLE KNOB	1
5	017787	CRANK ASSEMBLY	1
5A	017788	CRANK HANDLE - 9910XCD/9910XCS	1
6	014215	SCREW -10-32 x 3/8	1
7	196249	SCREW - Shoulder, 14 - 28	1
8	017744	LEVER - Control	1
9	197456	PIN - Spiral, .168 O.D. x .635 O.A.L.	2
10	017714	CRANK ASSEMBLY - Table Raise	1
11	017715	HANDLE	1
11A	003042	HANDLE LOCK	1
13	196248	SCREW - Special, 10-32 x 7/8	1
14	017739	KNOB - Print Adjusting,	1
15	039642	RING - Vinyl, .135 x .075	9
16	196247	SCREW - Special, 10-32 x 1-1/8	1
17	195088	SCREW - Handwheel	1
18	403740	KNOB ASSEMBLY - Buckle Adjust	1
19	403753	METAL CAL - Buckle Adjustment	1
20	017738	KNOB - Buckle Adjusting	1
21	403889	KNOB - Air Valve Assembly	4
22	083432	HAND CRANK ASSEMBLY	1
23	017715	HANDLE	1
24	003042	HANDLE LOCK	1
25	014909	PIN - Roll # 5.	1
26	*	HAND CRANK WITH STUD	1
27	072620	SCREW - Shoulder, 10-32	1
28	196244	SCREW	2
29	017595	CRANK ARM ASSY.	2
30	196246	SCREW - Dowel, 14-28	5
31	017735	KNOB	5
32	017582	KNOB ASSEMBLY - Back Jogger Adjusting	1
33	016574	WASHER - .315 I.D. x .687 O.D. x .047	1
34	016933	KNOB - Back Jogger	1
35	401997	HANDWHEEL	1
36	001781	SNAP RING	1
37	071398	HANDWHEEL DISK	1

*Not Procurable Separately

Parts Catalog

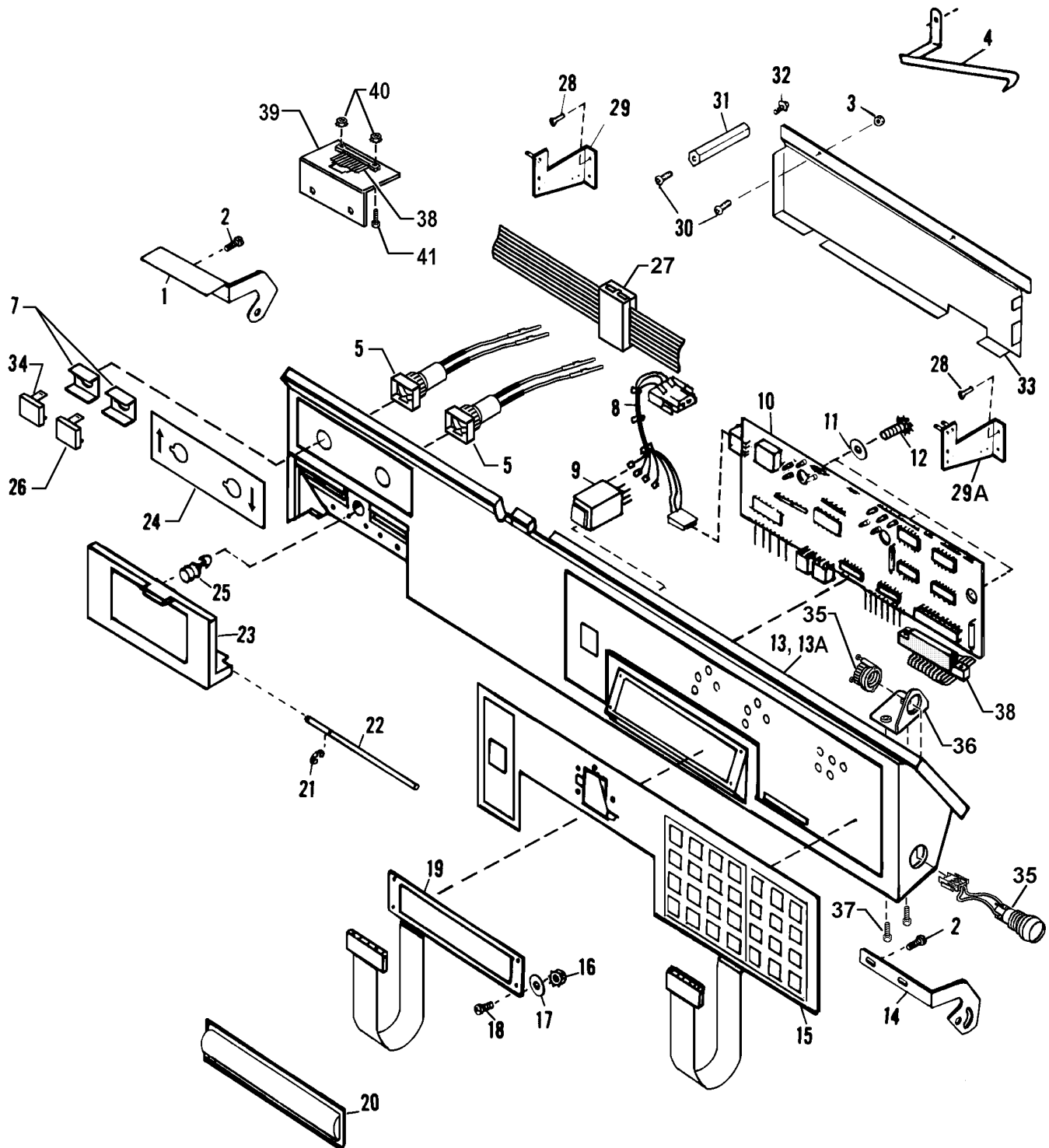


FIGURE 7
Control Panel

Parts Catalog

Index No.	Part No.	Figure 7 Description	Units Per Assy.
1	016895	BRACKET - Hinge	1
2	001279	SCREW - # 8 x 1/2	4
3	150081	NUT - 8-32	1
4	016896	BRACKET - Cable	1
5	402637	SWITCHASSEMBLY-Drive/Inch	2
6	025683	RETAINER - P.C. Board Cover (Not Illustrated)	1
7	253832	GUARD - Switch Protection,	2
8	022831	HARNESS - Guard Reset	1
9	253551	SWITCH - Pushbutton, Lighted SPDT	1
10	008156	PCBOARDASSEMBLY	1
11	014797	WASHER - Plain, .172 I.D. x .375 O.D. x .029	3
12	001661	SCREW - 8-32 x 5/16	3
13	403721	PANELASSEMBLY - Control	1
13A	400822	PANEL - Control	1
14	017799	BRACKET - Hinge	1
15	403101	MEMBRANE - Switch Panel	1
16	100228	NUT - 4-40	4
17	191800	WASHER - Plain, 1/8 I.D. x 5/16 O.D. x 1/32	4
18	101570	SCREW - 4-40 x 1/2	4
19	025359	LCDASSEMBLY	1
20	025139	BEZEL - LCD	1
21	014507	RING - Retaining (1/8 shaft)	1
22	025137	SHAFT - Pivot	1
23	025136	COVER - Control Panel	1
24	022796	LABEL - Speed	1
25	101758	FASTENER - Treelock	1
26	253830	LENS - Green	2
27	254893	FERRITE CORE - With case	1
28	001220	SCREW - 10-32 x 3/8	4
29	017797	BRACKET - Pivot, Left	1
29A	017163	BRACKET - Pivot, Right	1
30	112652	SCREW - 8-32 x 9/16	3
31	196262	SPACER	2
32	111054	SCREW - 10-32 x 1/2	2
33	025142	COVER - PC Board	1
34	253831	LENS - Yellow	1
35	402630	SWITCHASSEMBLY - Aux. Start	1
36	400824	BRACKET	1
37	001577	SCREW	2
38	402628	RIBBON CABLE ASM. - Control Panel	1
39	402624	BRACKET - Control Panel Connect	1
40	100228	NUT	2
41	100457	SCREW	2

Parts Catalog

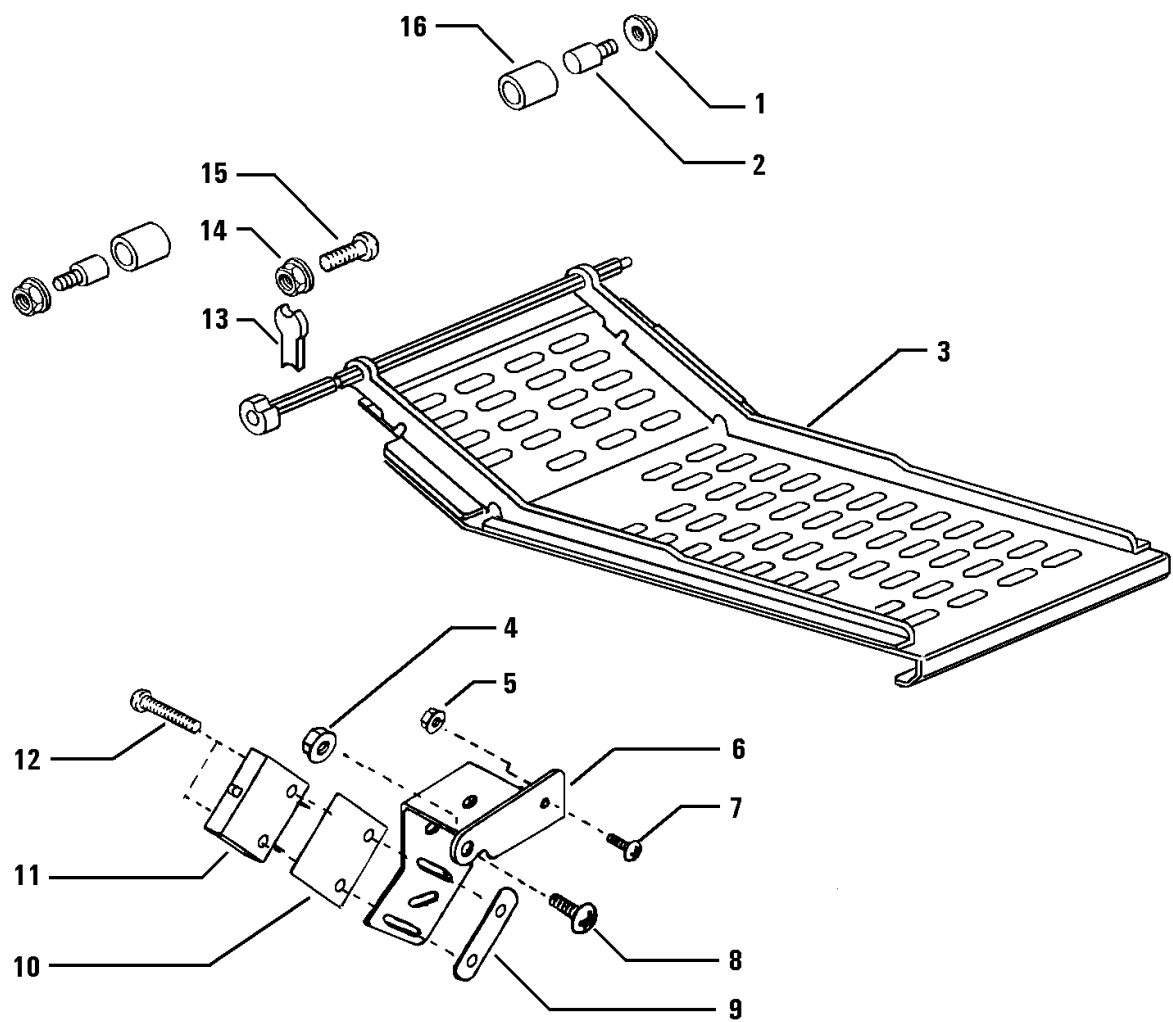


FIGURE 8
Safety Guard - Blanket Cylinder

Parts Catalog

Index No.	Part No.	Figure 8 Description	Units Per Assy.
1	402786	NUT - 10-32	2
2	074717	STUD - Stop	2
3	402786	GUARD ASSEMBLY - Master/Blanket	1
4	150085	LOCKNUT	1
5	150083	NUT - 10-32	1
6	025386	BRACKET - Switch	1
7	001555	SCREW - 10-32 x 1/2	1
8	001594	SCREW - 1/4-28 x 1/2	1
9	190731	NUT PLATE	1
10	254475	INSULATION - Switch	1
11	253822	SWITCH	1
12	100961	SCREW	2
13	402754	FILLER PLATE - Guard Shaft Retainer	1
14	150085	NUT - 1/4-28	1
15	001594	SCREW - 1/4-28 x 1/2	1
16	402755	BUMPER - Rubber	2

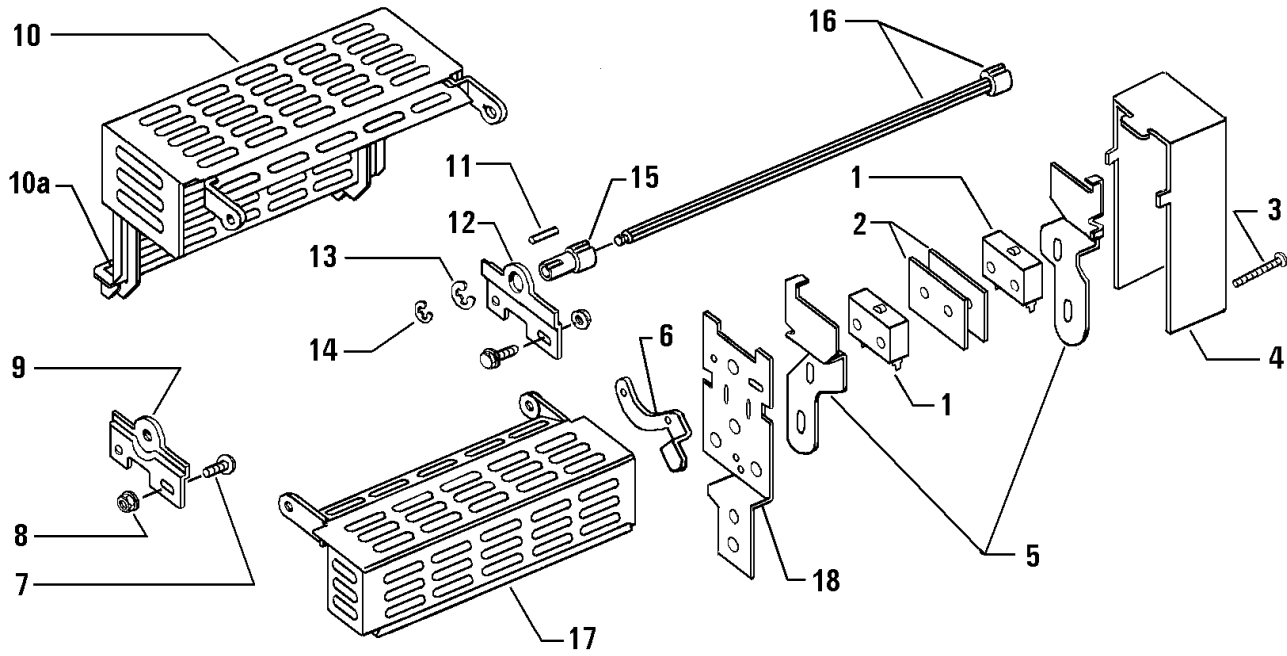


FIGURE 9
Safety Guard - Dampener and Ink

Parts Catalog

Index No.	Part No.	Figure 9 Description	Units Per Assy.
1	253211	SWITCH - SAFETY Guards	2
2	254475	INSULATION - Switch	2
3	101983	SCREW - 6-32 x1-5/8	3
4	010388	COVER - Switches	1
5	402016	BRACKET ASSEMBLY - Switches	2
6	402020	BRACKET	1
7	111070	SCREW - 1/4-28 x 7/16	4
8	150085	NUT - 1/4-28	4
9	010378	BRACKET - O.S.	1
10	402785	GUARD - Ink	1
10a	076897	LABEL - Caution	1
11	014921	PIN - Roll, .131 x .812	1
12	010379	BRACKET - N.O.S.	1
13	001073	RING - Retaining, .57 I.D.	1
14	001060	RING - Retaining, .208 I.D.	1
15	025667	CAM ASSEMBLY - Guard	1
16	018314	SHAFT - Guard	1
17	402958	GUARD - Dampener	1
18	402023	BRACKET ASSEMBLY	1

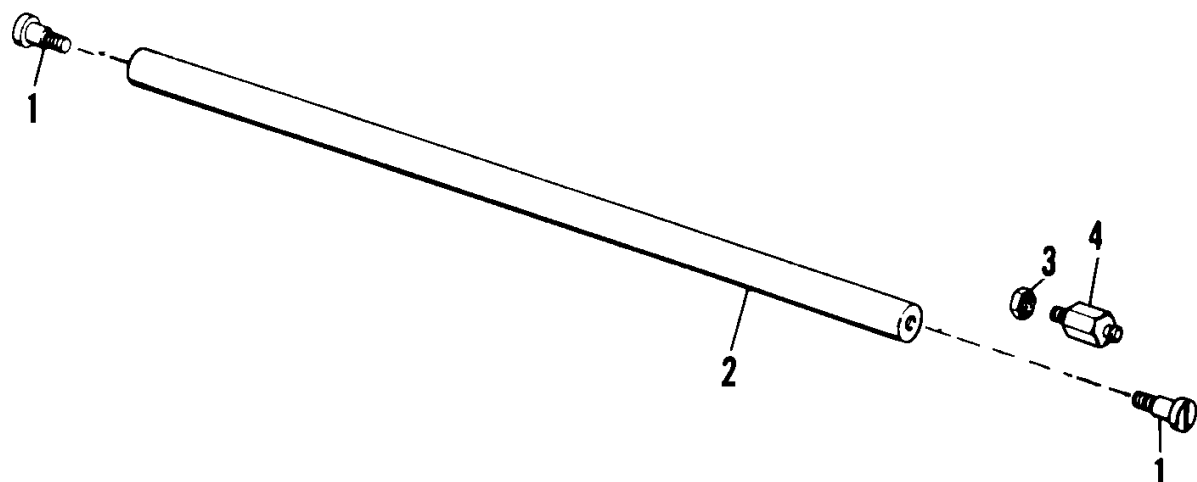


FIGURE 10
Tie Bar

Parts Catalog

Index No.	Part No.	Figure 10 Description	Units Per Assy.
1	193601	SCREW - Shoulder	2
2	008024	TIE BAR	1
3	014808	NUT - 10-32	1
4	075644	STUD - Spring	1

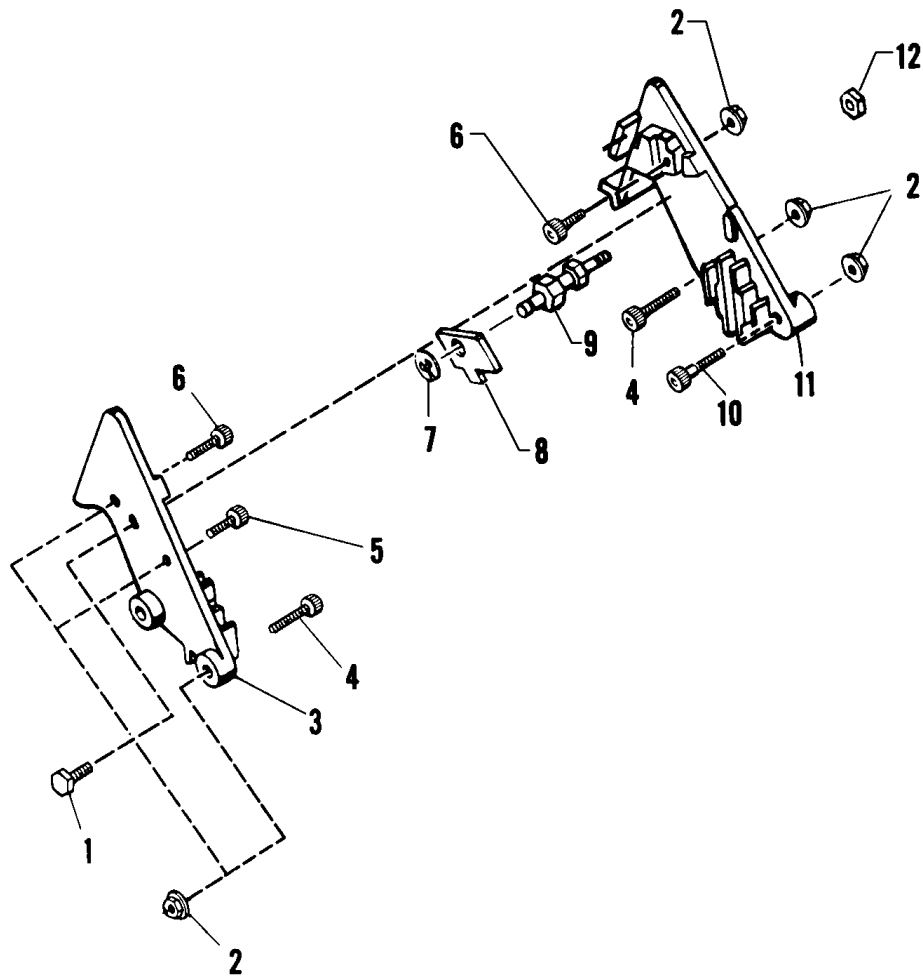


FIGURE 11
Ink Bridges

Parts Catalog

Index No.	Part No.	Figure 11 Description	Units Per Assy.
1	193601	SCREW - Shoulder, 5/16-24	1
2	150085	NUT - 1/4-28	6
3	078628	BRIDGE - Ink, N.O.S.	1
4	100815	SCREW - 1/4-28 x 1-1/4	3
5	100653	SCREW - 1/4-28 x 3/4	2
6	014234	SCREW - 1/4-28 x 1.000	2
7	001060	RING - Retaining, .208 I.D.	2
8	078646	STOP - Lever	2
9	195686	STUD - 10-32	2
10	100814	SCREW - 1/4-28 x 1 1/2	1
11	078626	BRIDGE - Ink, O.S.	1
12	014808	NUT - 10-32	2

Parts Catalog

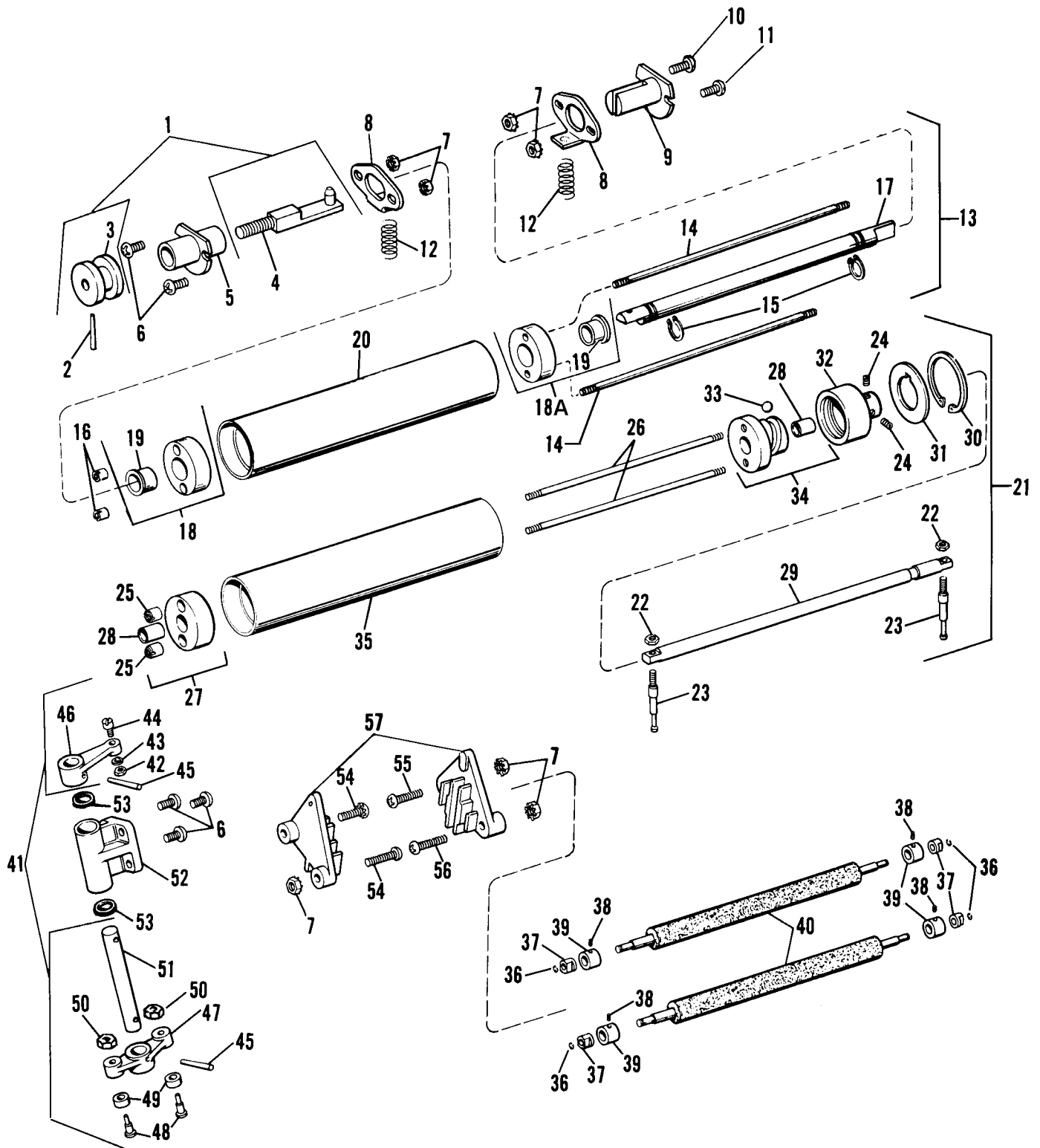


FIGURE 12
Waver, Oscillating and Rider Rollers

Parts Catalog

Index No.	Part No.	Figure 12 Description	Units Per Assy.
1	073011	COUPLE ASSEMBLY - Waver Roller	1
2	000014	PIN - Tapper, .147 O.D. x 1.127	1
3	*073014	ROLLER - Couple	1
4	*073012	SHAFT - Couple	1
5	084413	GUIDE - Waver Roller	1
6	111073	SCREW - 1/4-28 x 5/8	5
7	150085	NUT - 1/4-28	7
8	080295	BRACKET - Spring Guide	2
9	084412	GUIDE - Waver Roller	1
10	101086	SCREW - Button Hd., 1/4-28 - 3/4	1
11	111074	SCREW - 1/4-28 x 3/4	1
12	073338	SPRING - Compression, .562 O.D. x 1.265 O.A.L. x .059	2
13	007568	ROLLER AND SHAFT ASSEMBLY - Ink & Repellant Waver	1
14	197043	TIE ROD	2
15	001094	RING - Retaining External, .463 I.D. x .037	2
16	196475	NUT - Special Self Locking 1/4-28	2
17	007569	SHAFT - Rubber Waver	1
18	076194	CAP ASSEMBLY - Waver Roller	1
18A	400646	ENDCAP ASSEMBLY	1
19	190387	BUSHING - Flanged Cap	2
20	007570	ROLLER - Transfer, Rubber	1
21	007576	ROLLER ASSEMBLY - Oscillating Rider	1
22	001804	NUT - 10-32	2
23	195684	PIN - Special	2
24	014390	SCREW - Set, 1/4-28 x 11/4	2
25	196475	NUT - Special Self Locking 1/4-28	2
26	007580	TIE ROD	2
27	080694	PLUG	1
28	001497	BUSHING - .504 I.D. x .629 O.D. x .625	2
29	007581	SHAFT	1
30	014523	RING - Retaining Internal, 2.600 O.D. x .081	1
31	080698	GUARD - Splash	1
32	080263	CAP	1
33	080699	BALL - .375 O.D.	1
34	080695	PLUG AND CAM ASSEMBLY	1
35	007577	ROLLER - Oscillating Rider	1
36	001778	RING - Retaining External, .214 I.D. x .027	4
37	073004	BUSHING - Special	4
38	001207	SCREW - Set, 8-32 x 3/16	4
39	073152	COLLAR	4
40	403103	ROLLER - Rider	2
41	087496	LEVER AND SHAFT ASSEMBLY - Operating	1
42	001812	NUT - 10-32	1
43	001702	WASHER - .195 I.D. x .500 O.D. x .029	1
44	073339	SCREW - Eccentric, 10-32	1
45	192900	PIN - Tapper, .142 O.D. x .750	2
46	*073116	LEVER	1
47	*080297	LEVER	1
48	080298	SCREW - Shoulder, 10-32	2
49	080299	TRUCK	2
50	101051	NUT - 10-32	2
51	*080317	SHAFT	1
52	073108	BRACKET ASSEMBLY	1
53	192766	WASHER - .385 I.D. x .750 O.D. x .090	2
54	111076	SCREW - 1/4-28 x 1.000	2
55	211079	SCREW - 1/4-28 x 1.250	1
56	111077	SCREW - 1/4-28 x 1.375	1
57	073234	BRACKET - ROLLER	2

* Not Procurable Separately

Parts Catalog

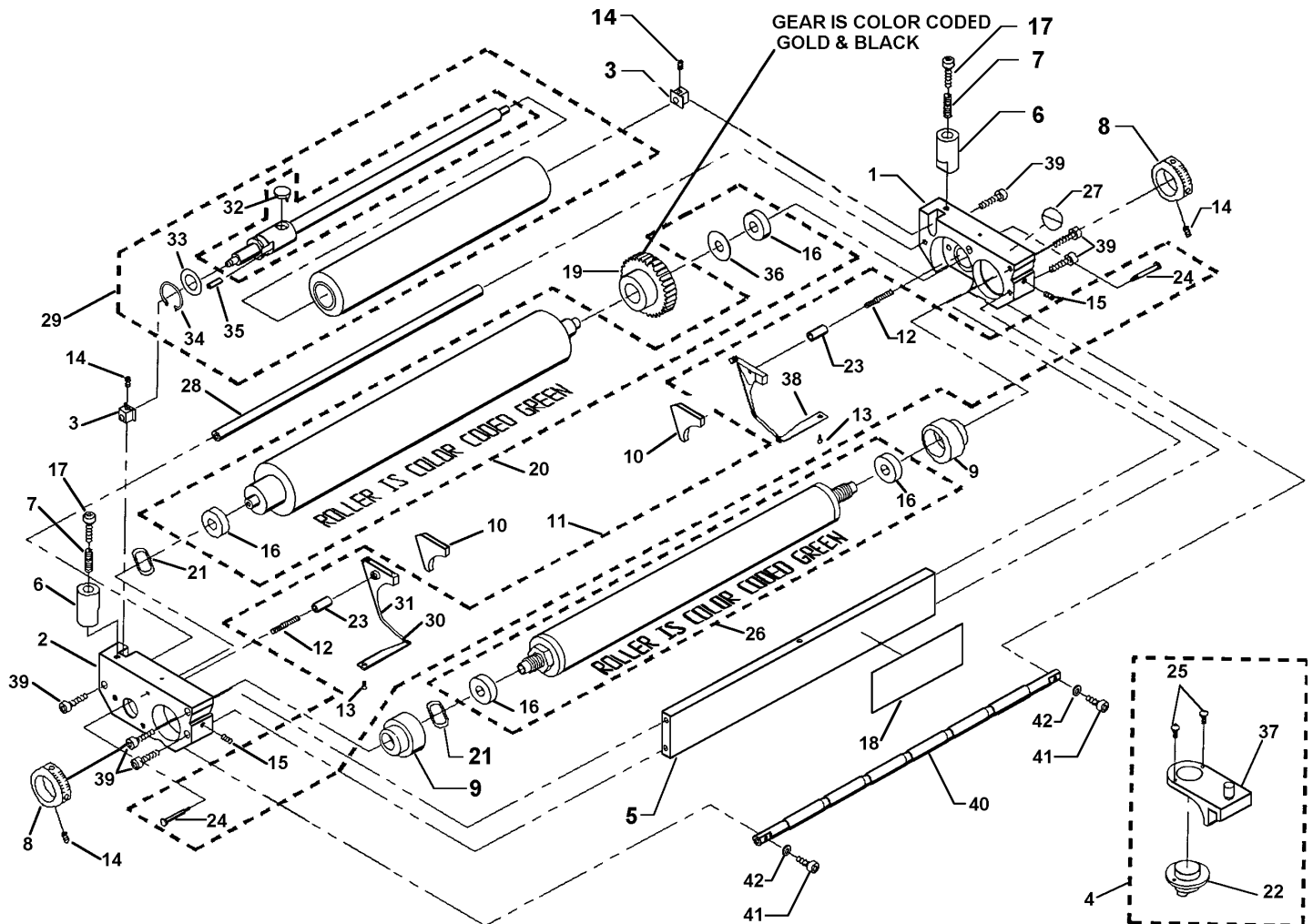


FIGURE 13
Dampener - Part I

Parts Catalog

Index No.	Part No.	Figure 13 Description	Units Per Assy.
1	VG94993	END FRAME - R.H.	1
2	VG94994	END FRAME - L.H.	1
3	VG91219	BLOCK - Alignment	2
4	VG98750	BRACKET NOZZLE ASSEMBLY	1
5	VG94995	PLATE - Tie	1
6	VG94991	POST - Oscillator	2
7	VG92007	SPRING - Compression	2
8	VG92222	GAUGE - Metering	2
9	VG92291	ECCENTRIC	2
10	VG92370	SEAL SET - (L & R)	1
11	VG92290	BACKING PLATE KIT (L & R)	1
12	VG92238	SPRING - Compression	2
13	VG91802	SCREW - Flat Head, 3-48 x 1/4	2
14	VG91811	SET SCREW - 10-24 x 1/4	4
15	VG91813	SET SCREW - 10-24 x 1/2	2
16	VG92401	BEARING	4
17	VG91649	SCREW - Shoulder, 1/4"	2
18	VG94987	STICKER - I.D.	1
19	VG92940	GEAR CLUTCH ASSEMBLY	1
20	VG92470	ROLLER W/B - Form, 13"	1
21	VG92491	WASHER - Wave	2
22	VG92604	NOZZLE	1
23	VG92304	PIN - Guide	2
24	VG92303	SCREW - Shoulder	2
25	VG91907	SCREW - Phillips Head, 6-32 x 3/8	2
26	VG92460	ROLLER W/B - Metering, 13"	1
27	VG92601	SYMBOL - Inward Nip	1
28	VG95996	BAR - Tie	1
29	VG94998	OSCILLATOR ROLLER PARTS ASSEMBLY - 13-1/4	1
30	VG92236	SPRING - Tab	1
31	VG92259	COVER - Spring	1
32	VG91111	DRIVE SHAFT FOLLOWER - Oscillator	1
33	VG91965	RETAINING WASHER - Oscillator	1
34	VG91997	CLIP - Oscillator Retaining	1
35	VG91949	PIN - Spring	1
36	VG92415	WASHER - Thrust	1
37	VG94997	BRACKET - Nozzle	1
38	VG92234	TAB	1
39	VG91853	SCREW - Socket Head, 10-32 x 1.12	6
40	VG94365	PLATE GUIDE	1
41	VG91915	SCREW - 10-24 x .50	2
42	VG91689	WASHER - Belleville	2

Parts Catalog

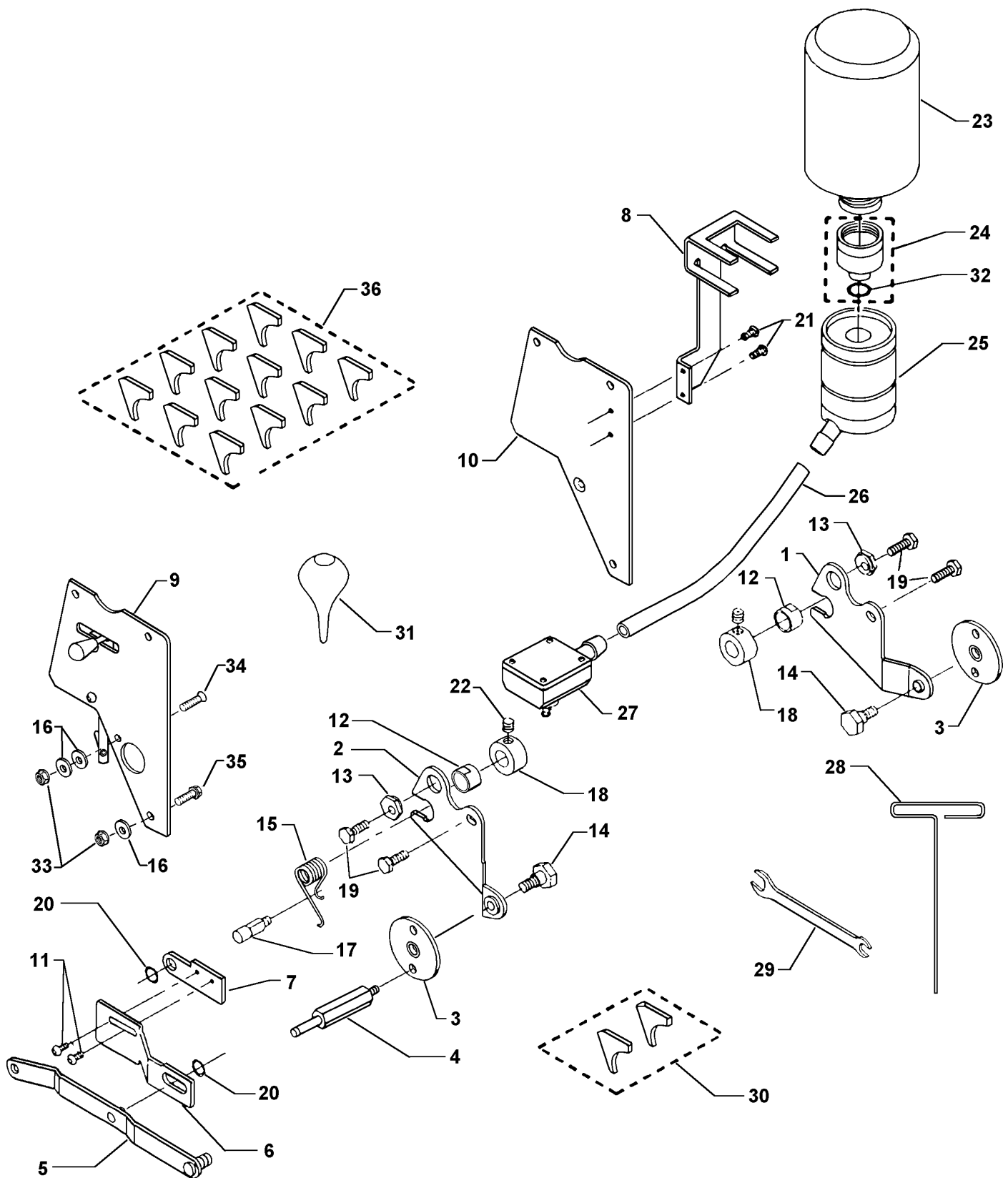


FIGURE 14
Dampener - Part II

Parts Catalog

Index No.	Part No.	Figure 14 Description	Units Per Assy.
1	VG90920	MOUNTING BRACKET ASSEMBLY - R.H.	1
2	VG90910	MOUNTING BRACKET ASSEMBLY - L.H.	1
3	VG93805	BOLT RETAINER ASSEMBLY	2
4	VG94982	STUD - Detent, 5/16 Thread	1
5	VG93794	FORM LINK ASSEMBLY	1
6	VG93801	LINK - Long	1
7	VG93799	LINK - Short	1
8	VG94999	BRACKET - Bottle	1
9	VG93609	GUARD SUPPORT BRACKET - R.H., Lockout	1
10	VG93602	GUARD SUPPORT BRACKET - L.H.	1
11	VG91816	SCREW - Button Head Cap, 10-24 x 3/8	2
12	VG93818	BUSHING - Eccentric Shaft	2
13	VG93543	BRACKET - Eccentric	2
14	VG93814	BOLT - Shoulder	2
15	VG93811	SPRING - Torsion	1
16	VG94136	SPACER	6
17	VG93809	BOLT - Stop	1
18	VG91910	COLLAR - 9/16	2
19	VG91867	SCREW - Hex Head, 1/4-20 x 1/2	4
20	VG91956	WASHER - Spacer	2
21	VG91817	SCREW - Button Head, 10-24 x 1/4	2
22	VG91875	SCREW - Socket Head, R/B	1
23	VG92773	BOTTLE - Round Calibrated	1
24	VG92760	DISPENSING VALVE ASSEMBLY	1
25	VG92740	BOTTLE VALVE ASSEMBLY	1
26	VG94986	TUBING - Vinyl, 1/2 I.D.	1
27	VG92750	ADAPTER BASE ASSEMBLY	1
28	VG90755	T-WRENCH - 3/32	1
29	VG93555	WRENCH - Kompac	2
30	VG92370	SEAL SET - Kompac	1
31	VG92778	SYRINGE - Kompac	1
32	VG92765	O-RING - DISPENSING VALVE	1
33	150083	LOCK NUT (Order from A. B. Dick)	4
34	112565	SCREW - Phillips (Order from A. B. Dick)	2
35	111055	SCREW - Hex Washer Head (Order from A. B. Dick)	2
36	VG93930	SEAL - Felt Cleaning (12 pack set)	1

Parts Catalog

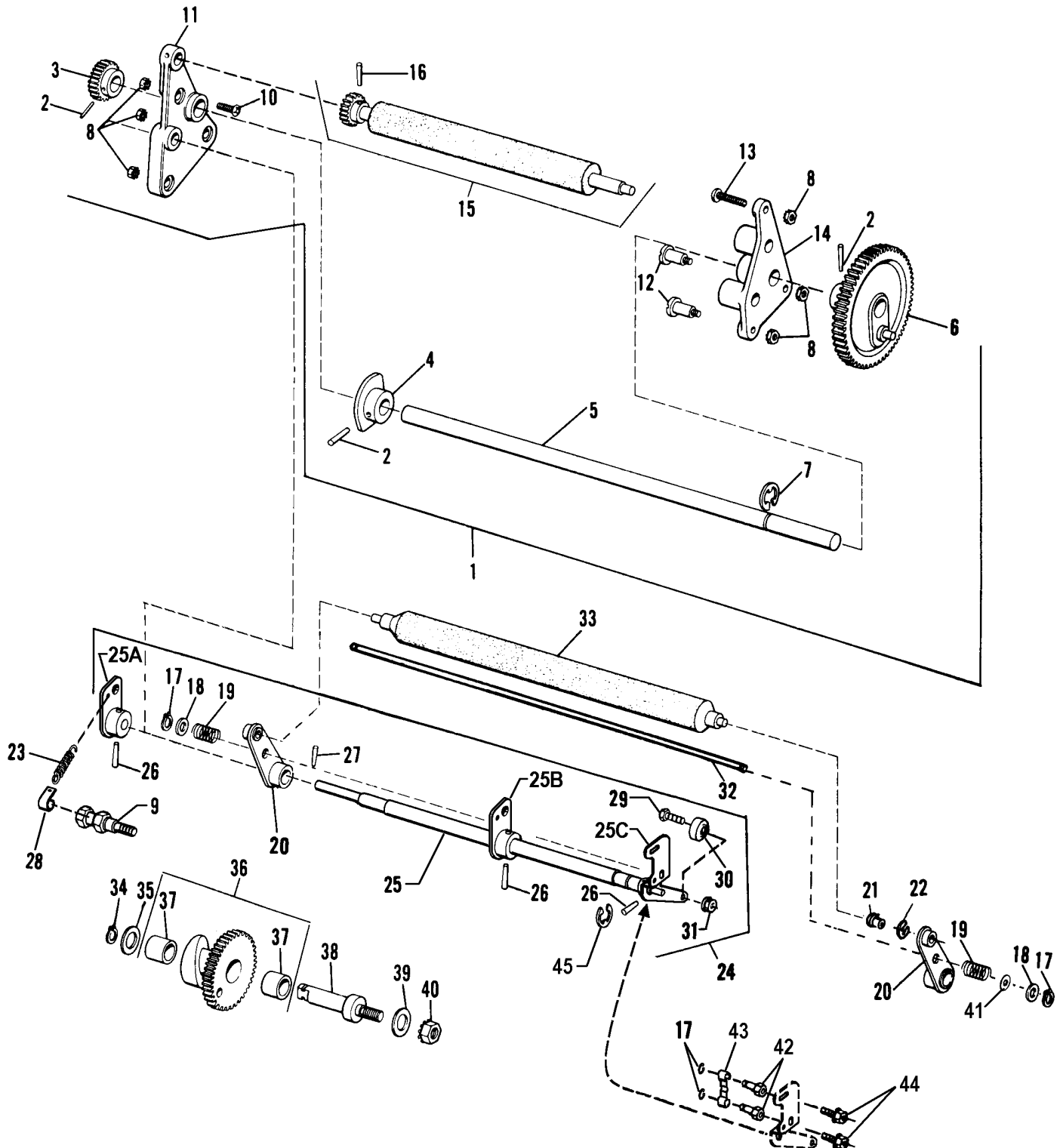


FIGURE 15
Distributor and Ductor Rollers

Parts Catalog

Index No.	Part No.	Figure 15 Description	Units Per Assy.
1	017989	SHAFT ASSEMBLY - Cam and Gear	1
2	001956	PIN - Taper, .194 O.D. x .680	4
2	001987	PIN - Roll, .167 O.D. x .890 O.A.L. (Use W/079912 Gear)	1
3	079912	GEAR - (Field Replacement Only)	1
4	*017990	CAM	1
5	*025261	SHAFT	1
6	*076727	GEAR	1
7	001094	RING - Retaining External, .394 I.D. x .044	1
8	150085	NUT - 1/4-28	6
9	404024	SCREW - Dowel	1
10	014180	SCREW - 1/4-28 x 1.000	1
11	073120	BRACKET ASSEMBLY - Bearing, N.O.S.	1
12	073094	SCREW - Shoulder, 1/4-28	2
13	111079	SCREW - 1/4-28 x 1.500	1
14	073091	BRACKET ASSEMBLY - Bearing, O.S.	1
15	007549	ROLLER ASSEMBLY - Distributor	1
16	101332	PIN - Spiral, .103 O.D. x .760	1
17	001049	RING - Retaining External, .227 I.D. x .027	2
18	021203	WASHER - .254 I.D. x .500 O.D. x .029	2
19	054409	SPRING - Compression, 21/64 I.D. x 1.187 O.A.L.	2
20	404023	RETAINING LEVER ASSEMBLY - Ductor Roller	2
21	084421	BUSHING - Special, .253 I.D.	2
22	001047	RING - Retaining, .340 I.D.	2
23	072625	SPRING - Tension, 11/32 O.D. x 1.125 O.A.L. x .059	1
24	404020	SHAFT ASSEMBLY - Actuating, Ductor Roller	1
25	404021	SHAFT - Actuating, Ductor Roller	1
25A	404022	LEVER ASSEMBLY - Ductor	1
25B	*017979	LEVER ASSEMBLY	1
25C	*017977	BRACKET ASSEMBLY	1
26	014902	PIN - Taper, .110 O.D. x .875	3
27	000020	PIN - Taper, .125 O.D. x .655	1
28	073107	ANCHOR - Spring	1
29	077459	SCREW - Shoulder, 10-32	1
30	193774	TRUCK	1
31	150083	NUT - 10-32	1
32	016937	SHAFT - Tension	1
33	403968	ROLLER - Ductor	1
34	100576	RING - Retaining External, .465 I.D. x .052	1
35	191289	WASHER - .504 I.D. x .812 O.D. x .062	1
36	073043	CAM GEAR ASSEMBLY	1
37	001432	BUSHING - .504 I.D. x .629 O.D. x .500	2
38	080349	STUD - Shoulder, 3/8-24	1
39	001721	WASHER - .380 I.D. x .625 O.D. x .059	1
40	190254	NUT - 3/8-24	1
41	014741	WASHER - Spring, .572 O.D. x .267 I.D. x .008	1
42	017639	STAND-OFF	2
43	017640	SPRING - Lockout	1
44	111053	SCREW - 10-32 x 7/16)	2
45	001098	SN RING - # 25	1

* Not Procurable Separately

Parts Catalog

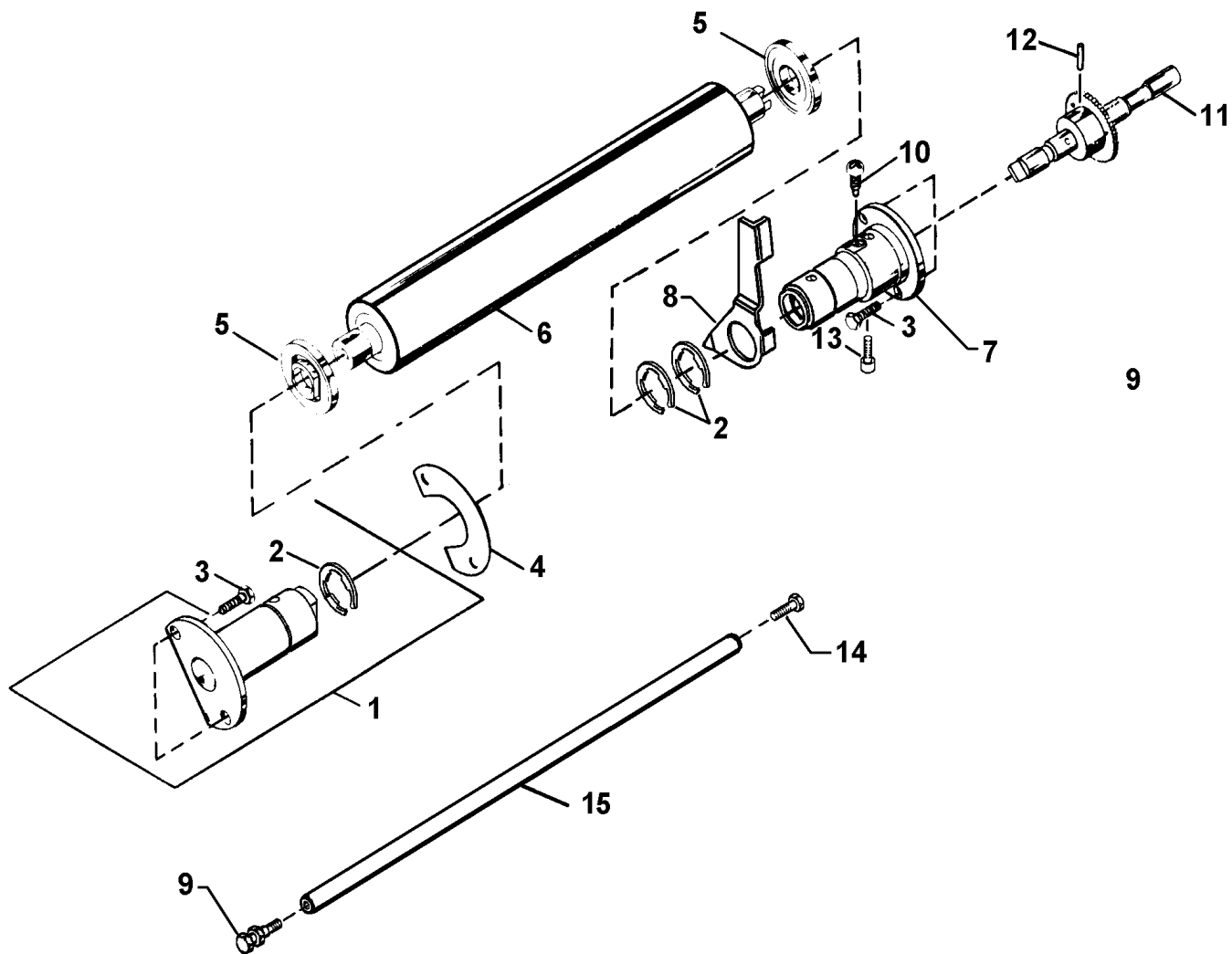


FIGURE 16
Ink Metering Assembly

Parts Catalog

		Figure 16	
No.	No.	Description	Per Assy.
1	403974	BUSHING ASSEMBLY - Fountain, N.O.S.	1
2	014517	RING - # 8	3
3	111051	SCREW - 10-32 x 5/16	4
4	018368	SHIM - Bushing, N.O.S.	A/R
5	403971	SEAL - Fountain Roller	2
6	403969	ROLLER - Ink Fountain	1
7	403972	BUSHING ASSEMBLY - Fountain, O.S.	1
8	404010	LEVER LOCKOUT - Ink Ductor	1
9	404024	SCREW - Dowel.	1
10	072620	SCREW - Shoulder, 10-32	1
11	018383	EXTENSION ASSEMBLY - Crank	1
12	000011	PIN - Taper, .122 x 7/8	1
13	100863	SCREW	1
14	196264	SCREW	1
15	403713	TIE BAR	1

Parts Catalog

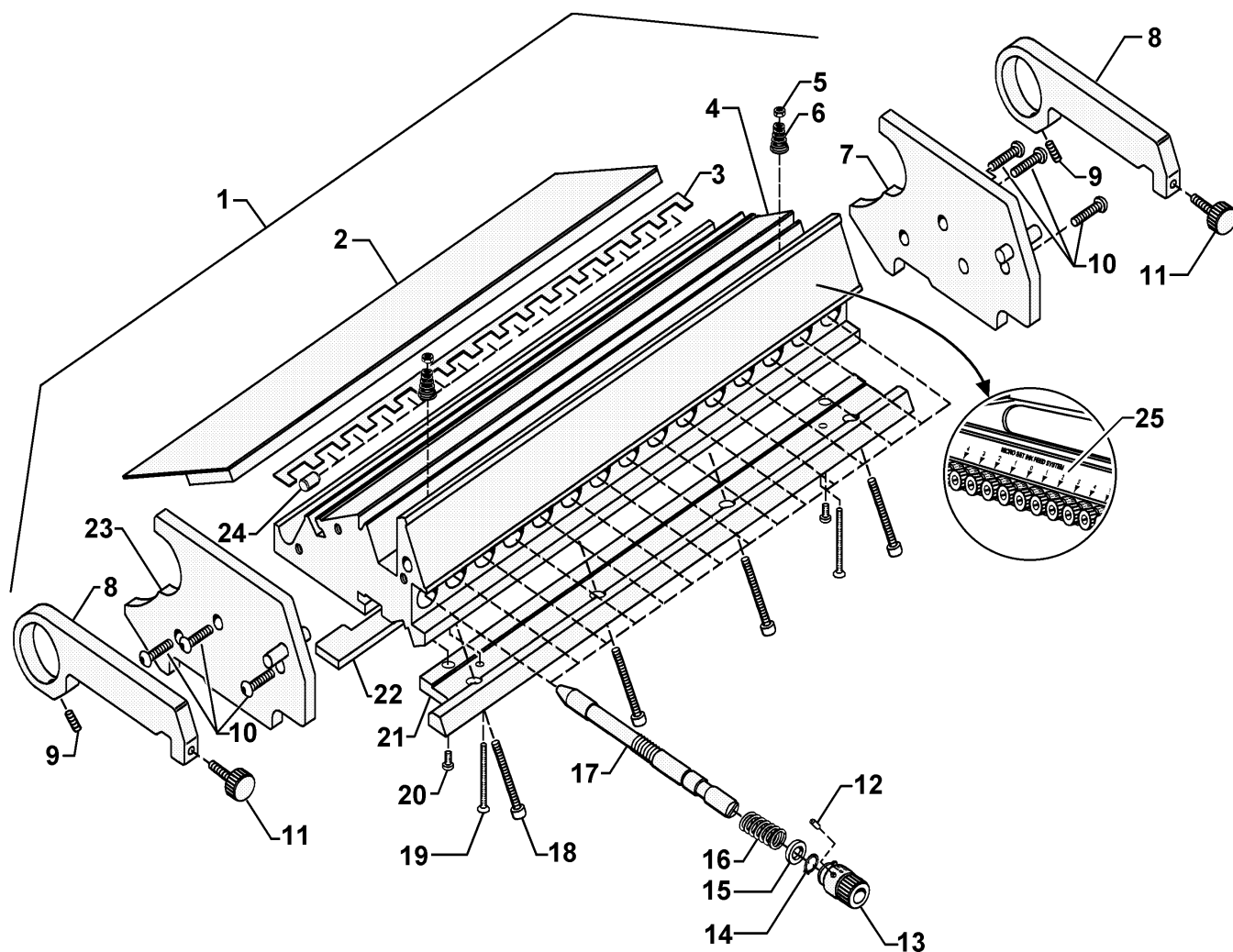


FIGURE 17
Ink Fountain Assembly

Parts Catalog

Figure 17			
Index No.	Part No.	Description	Units Per Assy.
1	403954	INK FOUNTAIN ASSEMBLY	1
2	403963	METERING BLADE ASSEMBLY	1
3	403962	SPACING STRIP	1
4	403955	FOUNTAIN BASE - Machined	1
5	100716	NUT - Lock	2
6	197623	SPRING - Conical Compression	2
7	403976	END PLATE ASSEMBLY - OS	1
8	403967	LOCK ARM	2
9	197625	SET SCREW - Nylon	2
10	102129	SCREW - 10/32 X 7/8"	6
11	197621	KNOB - Knurled Head Screw	2
12	001650	SETSCREW - # 3	15
13	403997	KNOB - Metering Screw	15
14	001047	RING - # 25	15
15	014703	WASHER - # 5	15
16	197543	SPRING - Compression	15
17	403960	SCREW - Metering	15
18	102366	SCREW - 10-32 X 1 3/4" Black Socket HD	4
19	197622	SCREW - 6-32 X 1.75" Flat Head Phillips	2
20	100819	SCREW - # 4	2
21	403957	FOUNTAIN CLIP - Machined	1
22	403959	HINGE STRIP - Fountain Clip	1
23	403977	END PLATE ASSEMBLY - NOS	1
24	197624	DOWEL PIN	15
25	403966	METAL CAL -Fountain	1

Parts Catalog

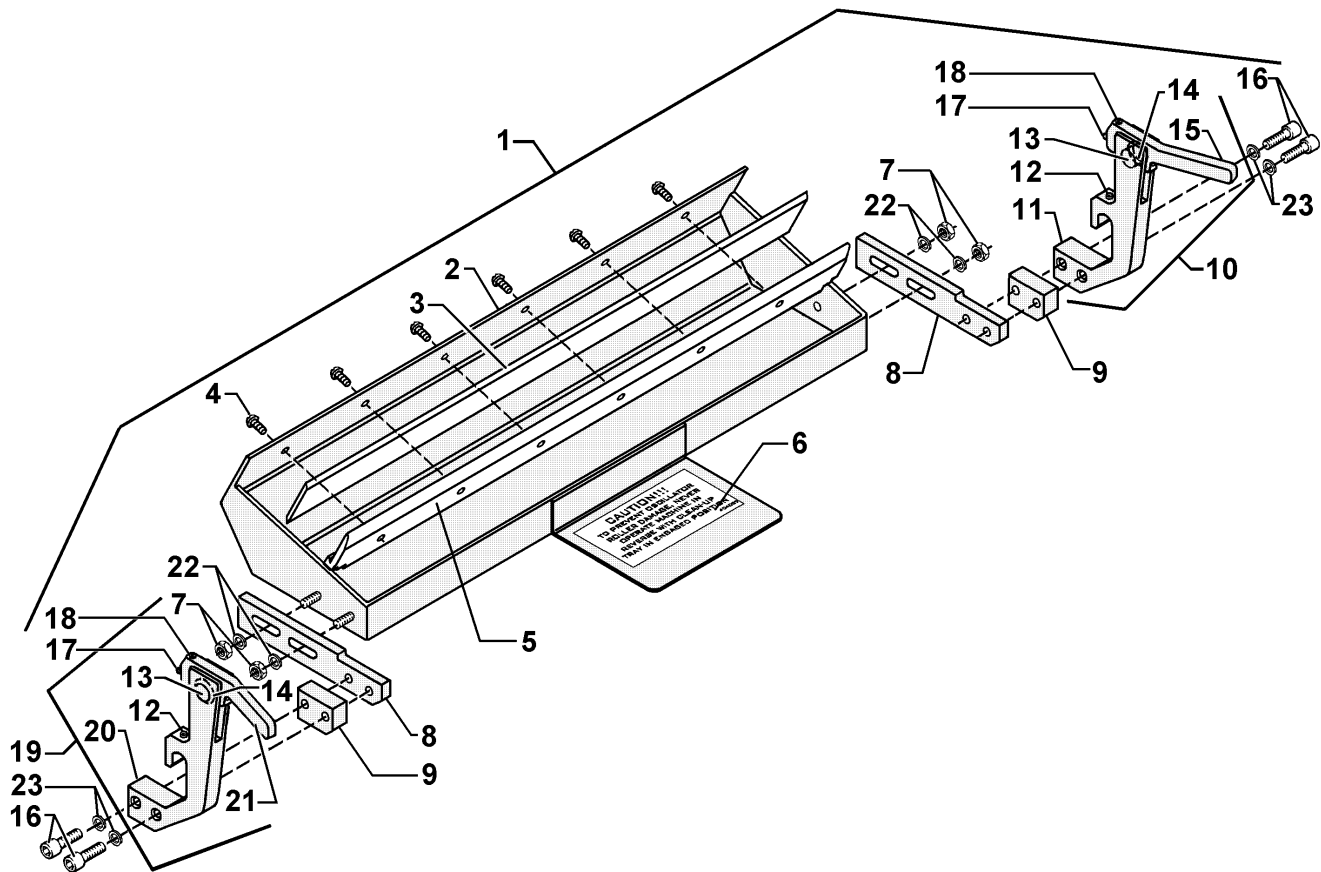


FIGURE 18
Clean-up Assembly

Parts Catalog

Figure 18			
Index No.	Part No.	Description	Units Per Assy.
1	404026	CLEAN-UP ASSEMBLY	1
2	404000	TRAY ASSEMBLY - Clean-up, (Weldment)	1
3	404008	BLADE - Clean-up Tray	1
4	102667	SCREW -Thru HD, 8-32 x 5/16" LG, Zinc	6
5	404009	BAR - Clamp, Clean-up Tray	1
6	404025	LABEL - Caution, Clean-up	1
7	101051	NUT - Elastic Stop 10-32	4
8	404012	BAR - Mounting, Clean-up Tray	2
9	404006	SPACER	2
10	404014	MOUNTING ARM ASSEMBLY - (OS)	1
11	404005	ARM - Mounting , Clean-up Tray (OS)	1
12	102665	SCREW - Nylok, 10-32 X 3/8", Black	2
13	404013	PIN - Pivot, Locking Lever	2
14	102662	SPRING WASHER - Wave .48 ID X .62 OD X .010"	2
15	404007	LEVER - Locking , Clean-up Tray	1
16	014314	SCREW - Cap, 10-32 x 1 LG	4
17	014245	SET SCREW	2
18	102192	SET SCREW - Brass Tip, 10-32 X 3/8"	2
19	404015	MOUNTING ARM ASSEMBLY - (NOS)	1
20	404016	ARM - Mounting , Clean-up Tray (NOS)	1
21	404027	LEVER - Locking Clean-up Tray (NOS)	1
22	102663	WASHER - Plain .203 ID X .563 OD X .0578	4
23	102664	WASHER - Lock, Hi-Collar, Black # 10	4

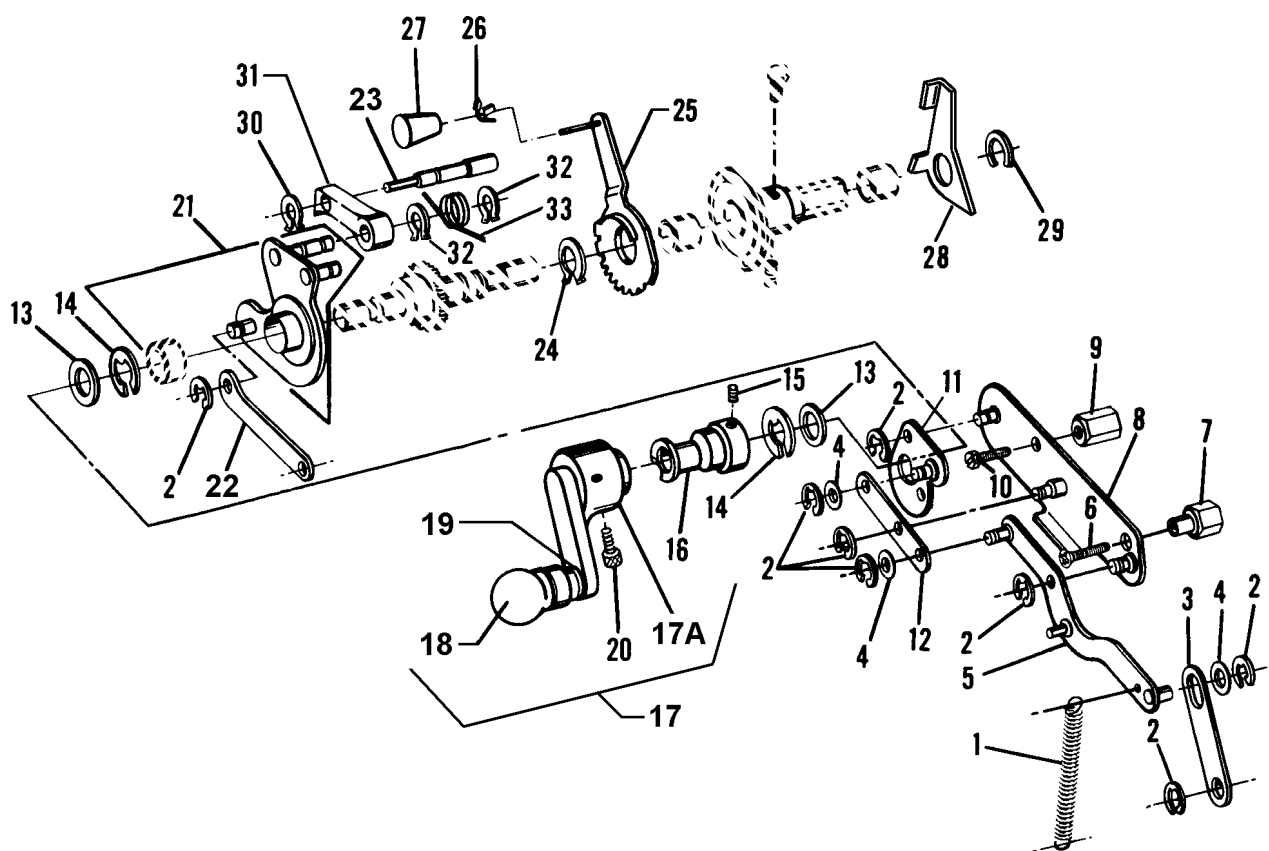


FIGURE 19
Ink Foundation Linkage

Parts Catalog

Index No.	Part No.	Figure 19 Description	Units Per Assy.
1	192152	SPRING - 17/64 O.D. x 3-5/64 O.A.L.	1
2	001097	RING - Retaining, .186 I.D.	6
3	017618	LINK	1
4	015213	WASHER - .227 I.D. x 3/8 O.D.	3
5	017616	LEVER ASSEMBLY	1
6	014151	SCREW - 10-32 x 1/2	1
7	017623	STAND-OFF	1
8	017611	BRACKET ASSEMBLY	1
9	017622	STAND-OFF	1
10	192029	SCREW - Dowel, 1/4-28	1
11	017613	PLATE ASSEMBLY	1
12	017615	LEVER	1
13	014688	WASHER - .510 I.D. x 1.000 O.D.	2
14	001094	RING - Retaining, .394 I.D.	2
15	014902	PIN - Taper, .110 O.D. x .720 O.A.L.	1
16	*018383	EXTENSION ASSEMBLY - Crank	1
17	017787	CRANK ASSEMBLY	1
17A	017788	CRANK	1
18	196219	CRANK HANDLE KNOB	1
19	003042	CLIP - (Not Illustrated)	1
20	014215	SCREW - 10-32 x 3/8	1
21	017630	LEVER ASSEMBLY - Operating	1
22	076734	LINK - Operating Lever	1
23	196258	PIN - Pawl Deflector	1
24	001076	RING - Retaining, .815 I.D.	1
25	017702	CONTROL ASSEMBLY - Ink	1
26	072052	LOCK - Spring	1
27	011371	HANDLE	1
28	017636	LEVER - Lockout	1
29	001785	RING - Retaining, .903 I.D.	1
30	001044	RING - Retaining, .170 I.D.	1
31	017693	PAWL	1
32	001046	RING - Retaining, .283 I.D.	2
33	080634	SPRING - Torsion, 11/32 I.D.	1

* Not available separately.

Parts Catalog

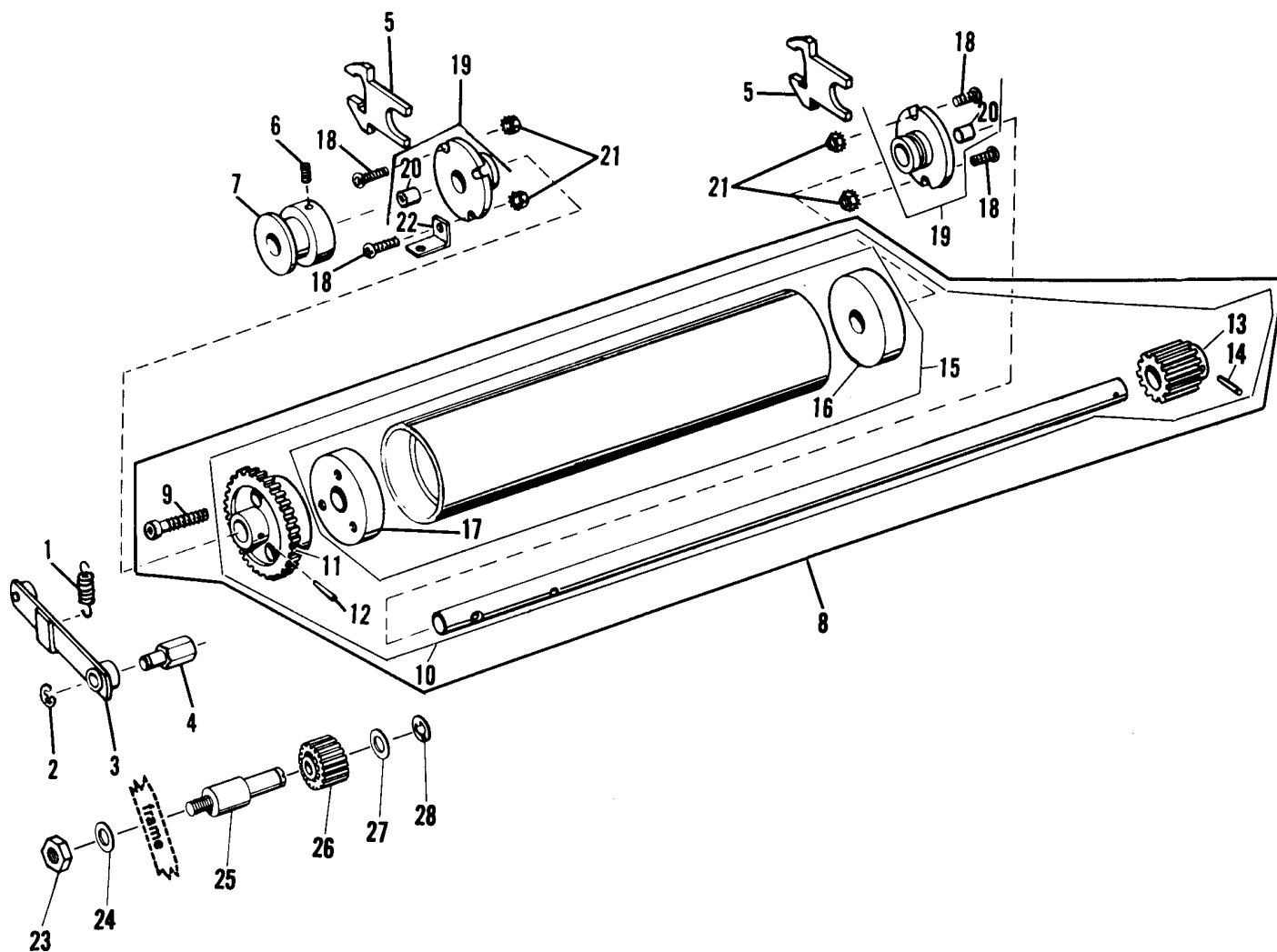


FIGURE20
Waver Roller Assembly

Parts Catalog

Index No.	Part No.	Figure 20 Description	Units Per Assy.
1	041776	SPRING - .343 O.D. x 1.375 O.A.L. x .047	1
2	001080	RING - Retaining External, .302 I.D. x .037	1
3	075987	LEVER ASSEMBLY - Detent Cam	1
4	195136	PIVOT - Lever	1
5	073894	SLIDE - Form Roller Lever	2
6	014207	SCREW - Set, 1/4-28 x 5/8	1
7	073482	COUPLING - Waver Roller	1
8	***	ROLLER AND SHAFT ASSEMBLY - Waver	1
9	014157	SCREW - 1/4-28 x 1.250	3
10	007557	SHAFT ASSEMBLY	1
11	073710	GEAR (Field Replacement Only)	1
12	001976	PIN - Roll, .135 O.D. x .827 (Field Replacement Only)	1
12	014910	PIN - Taper, .110 O.D. x 7/8	1
13	079905	GEAR (Field Replacement Only)	1
14	014921	PIN - Roll, .135 O.D. x .890 (Field Replacement Only)	1
14	014910	PIN - Taper, .110 O.D. x 7/8	1
15	007559	ROLLER ASSEMBLY - Waver	1
16	080433	CAP	1
17	080473	CAP	1
18	111055	SCREW - 10-32 x 9/16	4
19	075931	BUSHING - Flanged	2
20	001497	BUSHING - .504 I.D. x .629 O.D. x .625	2
21	014248	NUT - 10-32	4
22	075991	BRACKET - Spring	1
23	190254	NUT - 3/8-24	1
24	014750	WASHER - .385 I.D. x .875 O.D. x .059	1
25	195385	STUD	1
26	076218	GEAR	1
27	001797	WASHER - 515 I.D. x .812 O.D. x .059	1
28	001048	RING - Retaining External, .463 I.D. x .037	1

*** Not Saleable As An Assembly

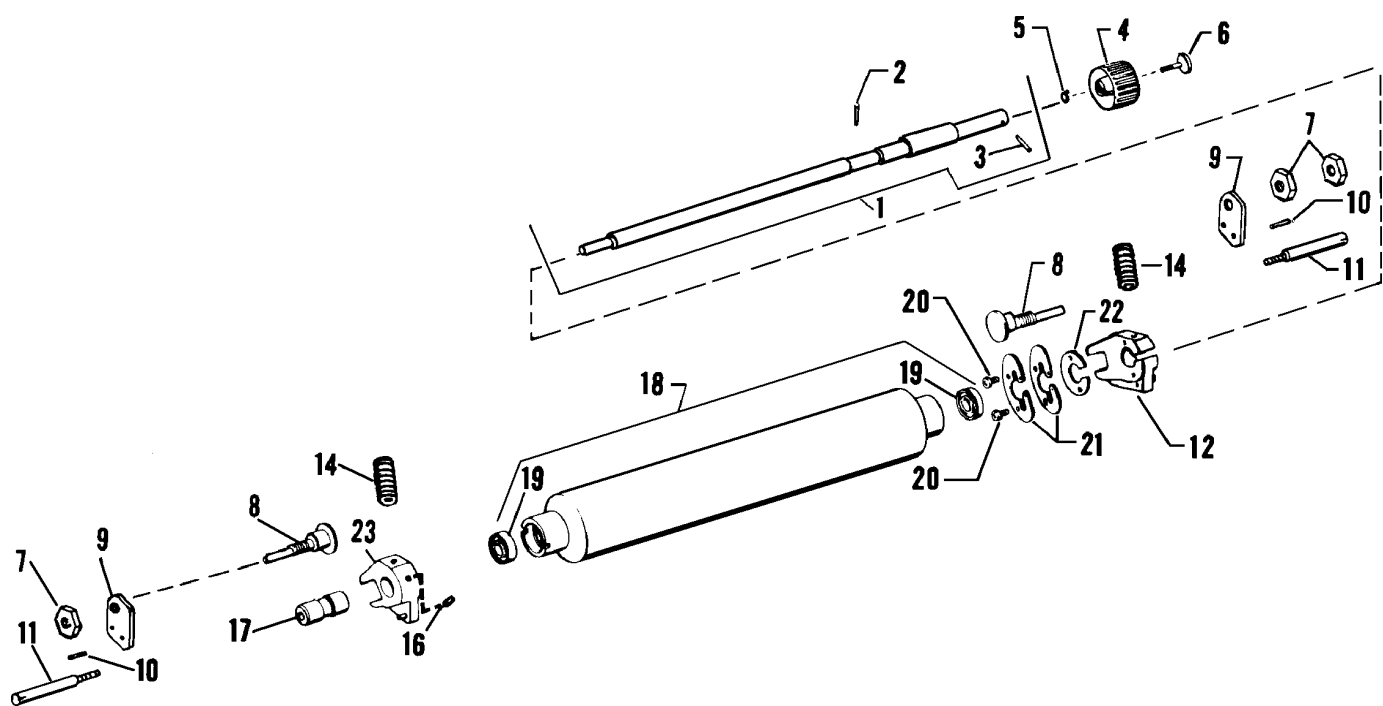


FIGURE 21
Upper Form Roller and Shaft Assembly

Parts Catalog

Index No.	Part No.	Figure 21 Description	Units Per Assy.
1	007599	SHAFT ASSEMBLY - Form Roller	2
2	001978	PIN - Roll, .135 x .765	1
3	001980	PIN - Roll, .135 x .640	1
4	017735	KNOB - Form Roller	2
5	039642	RING - Vinyl, .135 I.D.	3
6	196246	SCREW - 10-32 x 9/16	2
7	014819	NUT - 5/16-24	4
8	076481	SCREW - Eccentric Adjusting, 5/16-24	4
9	072272	LEVER - Lock	4
10	014912	PIN - Roll, .167 O.D. x .515	4
11	072271	STUD - Locking, 10-32	4
12	073444	LEVER - Upper Form Roller, 2" Dia., O.S.	1
26	014507	RING - Retaining External, .095 I.D. x .019	2
14	073338	SPRING - Compression, .572 O.D. x 1.265 O.A.L. x .059	2
15	076124	SPRING - Compression, .537 O.D. x 1.343 O.A.L. x .063	2
16	014108	SCREW - Set, 10-32 x 3/8	2
17	073327	SLEEVE - Form Roller	2
18	173627	ROLLER ASSEMBLY - Upper Form 2" Dia., Rubber (Gray)	1
18	007567	ROLLER ASSEMBLY - Upper Form 2" Dia., Rubber	1
19	073316	BEARING - Ball, .437 I.D. x .906 O.D. x .312	2
20	001577	SCREW - 8/32 x 7/16	4
21	073098	RETAINER - Stop Plate	4
22	073097	PLATE - Stop	2
23	073446	LEVER - Upper Form Roller, 2" Dia., N.O.S.	1

Parts Catalog

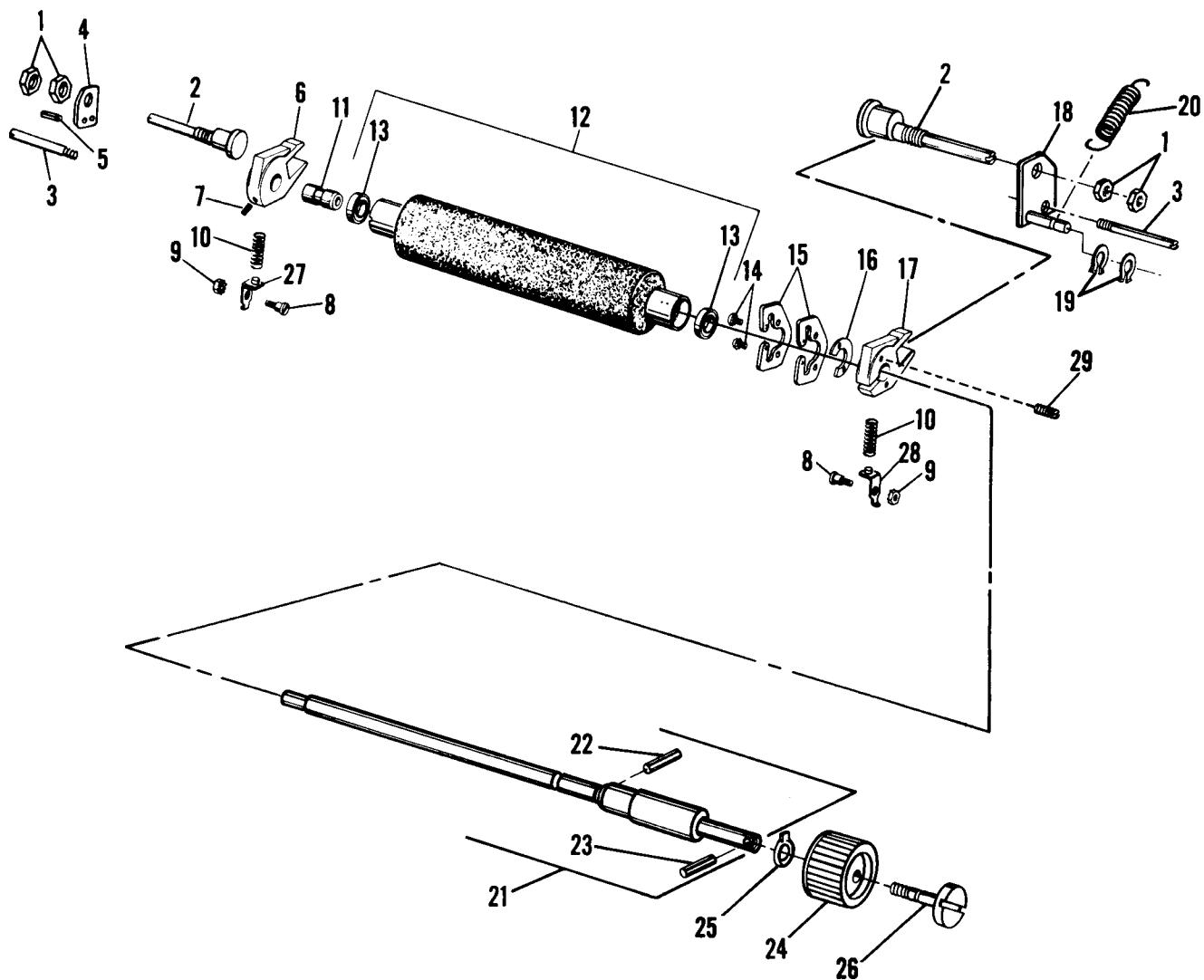


FIGURE 22
Lower Form Roller and Shaft Assembly

Parts Catalog

Index No.	Part No.	Figure 22 Description	Units Per Assy.
1	014819	NUT - 5/16-24	2
2	076481	SCREW - Eccentric Adjusting, 5/16-24	2
3	072271	STUD - Locking, 10-32	2
4	072272	LEVER - Locking, Stud N.O.S.	1
5	014912	PIN - Roll, .167 O.D. x .515 O.A.L.	1
6	073445	FORM ROLL LEVER - N.O.S.	1
7	014108	SCREW - Set, 10-32 x 3/8	1
8	193917	SCREW - Dowel, 1/4-28 x 5/16	2
8	150085	NUT - 1/4-28	2
10	195930	SPRING - Compression, .510 I.D. x 1-1/4 O.A.L. (White)	2
11	073327	SLEEVE - Form Roller	1
12	173628	ROLLER ASSEMBLY - Lower Form (2.4 Diameter) (Gray)	1
12	007565	ROLLER ASSEMBLY - Lower Form (2.4 Diameter)	1
13	073316	BEARING - .437 I.D. x .906 O.D.	2
14	001577	SCREW - 8-32 x 7/16	2
15	073098	RETAINER - Stop Plate	2
16	073097	PLATE - Stop	1
17	073443	FORM ROLL LEVER - O.S.	1
18	017626	LEVER - Locking, Stud O.S.	1
19	100741	RING - Retaining, .146 I.D.	2
20	192152	SPRING - 17/64 O.D. x 3-5/64 O.A.L.	1
21	007599	SHAFT ASSEMBLY - Form Roller	1
22	001978	PIN - Roll, .135 O.D. x .765 O.A.L.	1
23	001980	PIN - Roll, .135 O.D. x .640 O.A.L.	1
24	017735	KNOB	1
25	039642	RING - Vinyl, .135 I.D.	1
26	196246	SCREW - Dowel, 1/4-28	1
27	072278	ANCHOR - Spring, N.O.S.	1
28	072277	ANCHOR - Spring, O.S.	1
29	101033	SCREW - Set 8-32 x 1/2	1

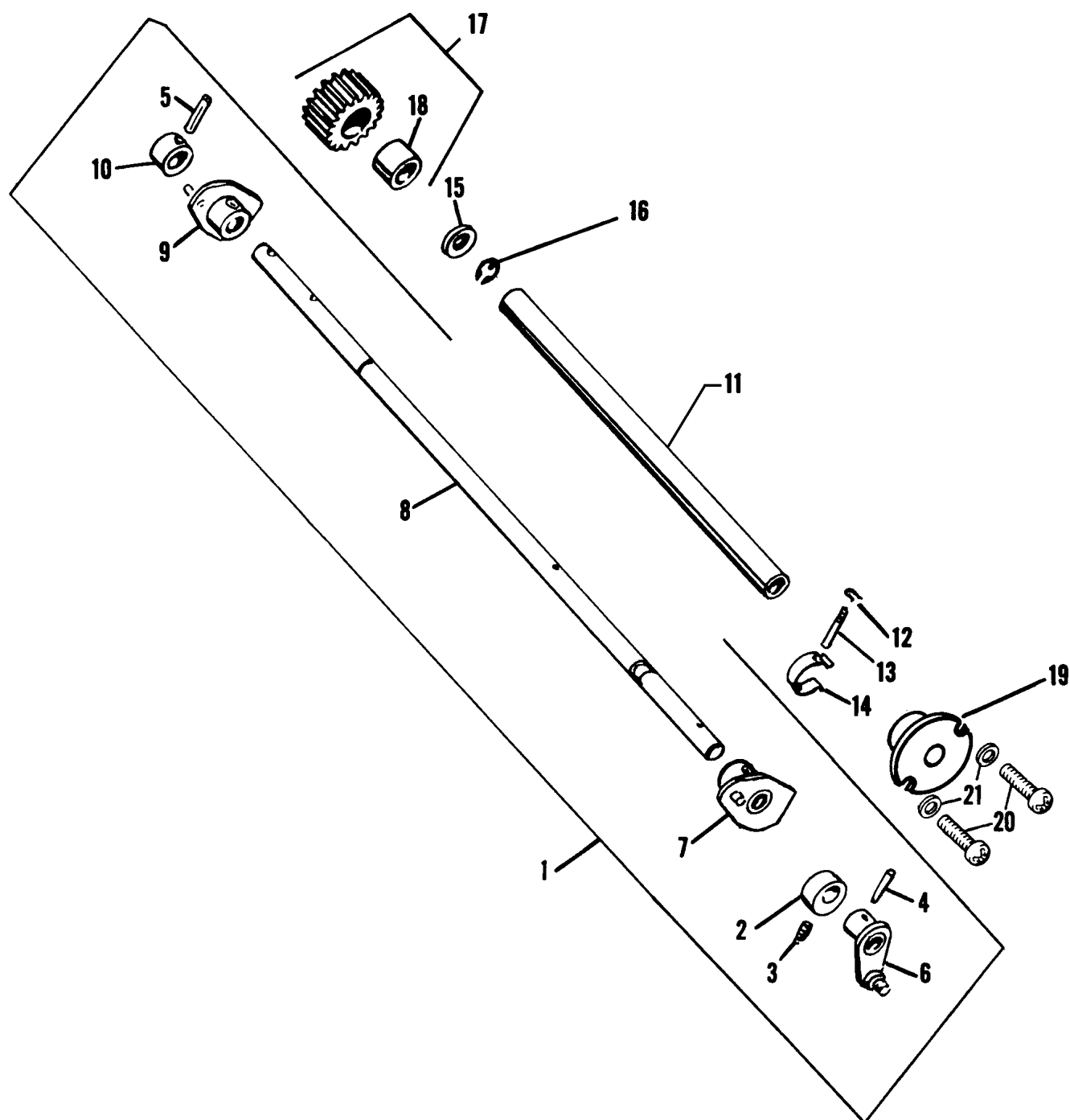


FIGURE23
Form Roller Separator Shaft

Parts Catalog

Index No.	Part No.	Figure 23 Description	Units Per Assy.
1	017619	SHAFT ASSEMBLY - Form Roller Separator	1
2	071594	COLLAR - Eccentric	1
3	014372	SCREW - Set, 10-32 x 1/4	1
4	000009	PIN - Taper, .750 O.A.L.	1
5	001978	PIN - Roll, .135 O.D. x .765 O.A.L.	1
6	*017620	LEVER - Separating	1
7	*071649	CAM - O.S. Form Roller Separator	1
8	*007554	SHAFT - Form Roller Separator	1
9	*071648	CAM - N.O.S. Form Roller Separator	1
10	*055535	COLLAR - Separator Shaft	1
11	192763	TUBE - .572 I.D. x .622 O.D. x 1.077	1
12	014507	RING - Retaining, .097 I.D.	2
13	190382	PIN - Spring Clip	2
14	190383	CLIP - Spring	2
15	192798	WASHER - .507 I.D.	1
16	100969	RING - Retaining, .447 I.D.	1
17	076386	GEAR - Idler	1
18	001427	BUSHING - .503 I.D. x .628 O.D. x .880 O.A.L.	1
19	073029	BEARING HOUSING	2
20	111068	SCREW - 1/4-28 x 5/16	4
21	021203	WASHER - .255 I.D. x .500 O.D.	4

* Not Procurable Separately

Parts Catalog

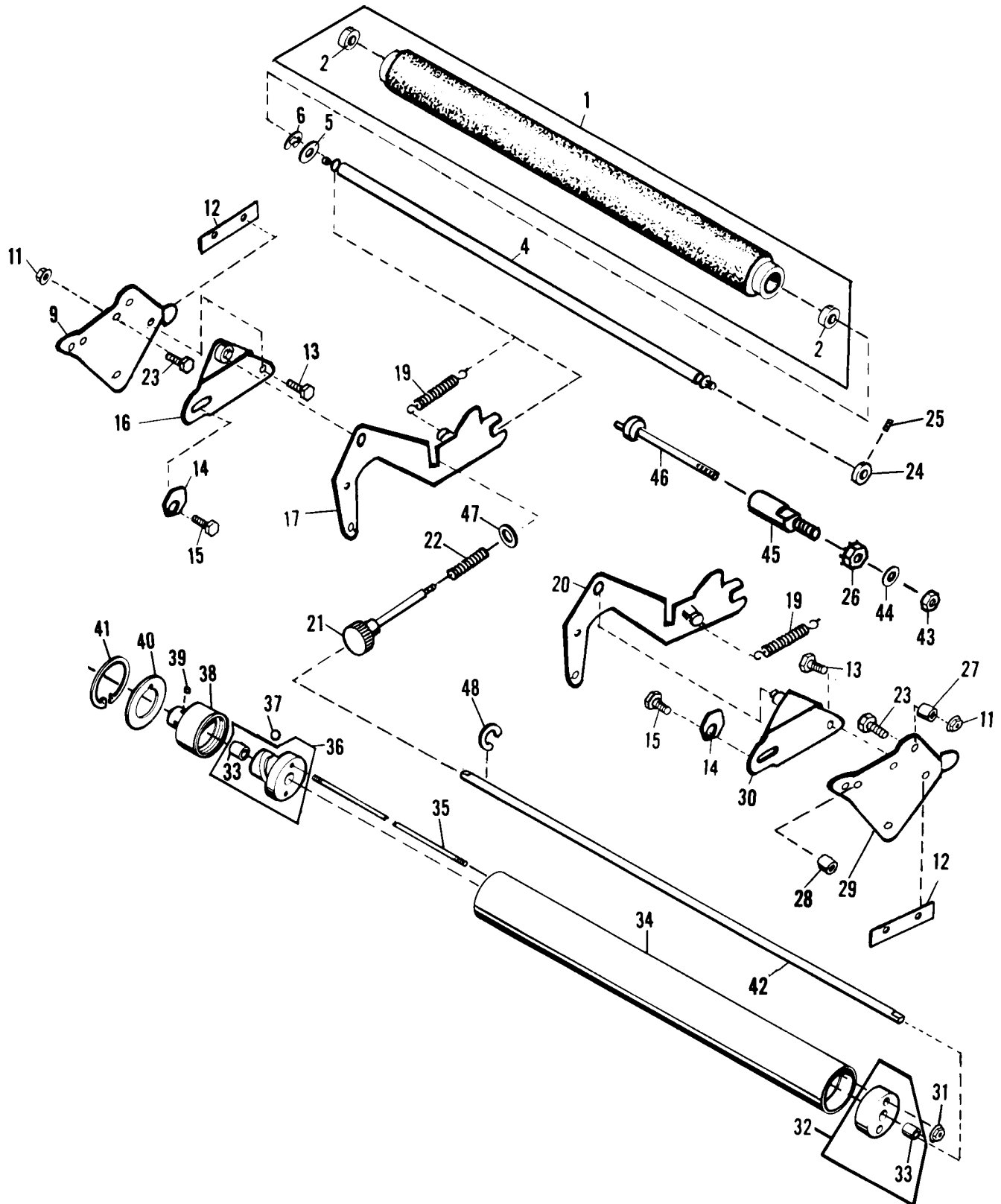


FIGURE24
Form Roller - Third

Parts Catalog

Index No.	Part No.	Figure 24 Description	Units Per Assy.
1	022736	ROLLER - Form, 3rd - 2.095 D.I.A.	1
2	073316	BEARING - .906 O.D. x .437 I.D.	2
4	022739	SHAFT - Form Roller	1
5	190149	WASHER - .443 I.D. x 11/16 O.D. x .030	1
6	001075	RING - Retaining, .397 I.D. x .037	1
9	022743	PLATE - Mounting, N.O.S.	1
11	150085	NUT - 1/4-28	4
12	022740	NUTPLATE	2
13	191734	SCREW - Dowel, .250 O.A.L.	2
14	083594	ECCENTRIC	2
15	111074	SCREW - 1/4-28 x 3/4	2
16	022728	PLATE ASSEMBLY - Adjusting, N.O.S.	1
17	022731	BRACKET ASSEMBLY - Support, N.O.S.	1
19	021457	SPRING - Tension, .390 O.D. x 1.75 O.A.L. x .054	2
20	022729	BRACKET ASSEMBLY - Support, O.S.	1
21	022744	SCREW - Shoulder	2
22	196787	SPRING - Compression, .480 O.D. x 1" O.A.L. x .059	2
23	191733	SCREW - Dowel, 1.171 O.A.L.	4
24	196778	COLLAR	1
25	001207	SCREW - Set, 8-32	1
26	014810	NUT - 3/8-24	2
27	191736	SPACER - .317 I.D. x .750 O.D. x .599	1
28	195387	SPACER - .317 I.D. x .500 O.D. x .599	1
29	022743	PLATE - Mounting, O.S.	1
30	022727	PLATE ASSEMBLY - Adjusting, O.S.	2
31	196475	NUT - Special	2
32	080694	PLUG ASSEMBLY - Oscillating Roller	1
33	001497	BUSHING	1
34	007577	ROLLER - Oscillating, Nylon	1
35	007580	ROD - Tie	2
36	080695	PLUG AND CAM ASSEMBLY	1
37	080699	BALL	1
38	080263	CAP	1
39	014390	SCREW - Set, 1/4-28 x 1/4	2
40	080698	GUARD	1
41	014523	RING - Retaining, 2.346 I.D. x 2.600 O.D. x .081	1
42	022734	SHAFT - Oscillating Roller, 3rd Form	1
43	001812	NUT - 10-32	2
44	016558	WASHER - Plain, .203 I.D. x 9/16 O.D. x .058	2
45	196769	STUD - Adjust	2
46	022781	STUD - Eccentric	2
47	001766	WASHER - Plain, .325 I.D. x 1/2 O.D. x .030	2
48	100969	RING - Crescent, 1/2" Shaft	1
49	001046	RING - .283 I.D. x .027 (Not Illustrated)	1

Parts Catalog

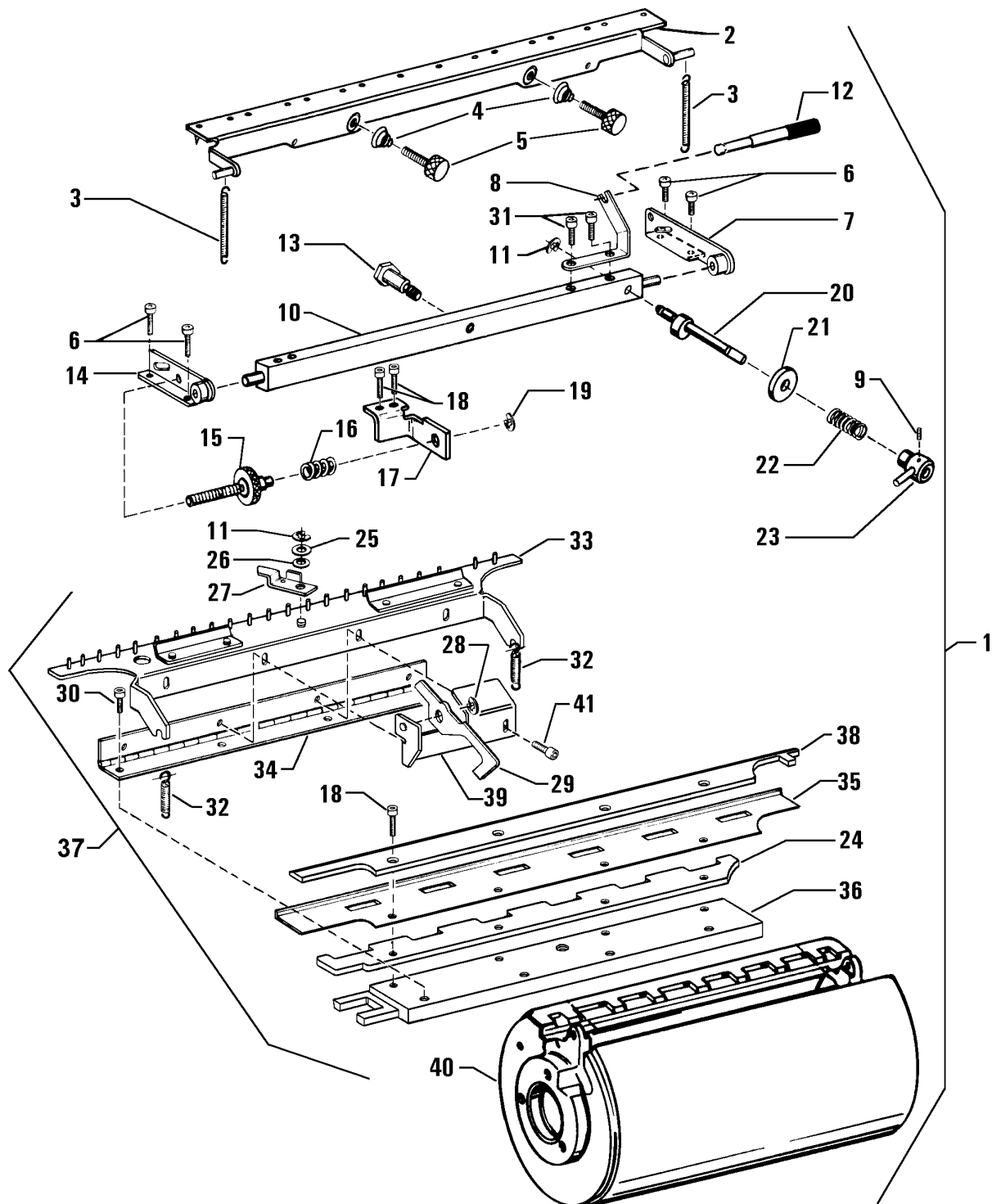


FIGURE 25
Master Cylinder Assembly - Part I

Parts Catalog

Index No.	Part No.	Figure 25 Description	Units Per Assy.
1	009770	MASTER CYLINDER ASSEMBLY - Complete (Additional parts on next page, Fig.22)	1
2	009774	TAIL CLAMP ASSEMBLY	1
3	190137	SPRING - 13/32 O.D. x 2-5/8 O.A.L.	2
4	192997	SPRING - Conical, .270 I.D. x .530 I.D. x 19/32 O.A.L.	2
5	195006	SCREW - Thumb, Tail Clamp, 1/4-28 x 7/8	2
6	014215	SCREW - 10-32 x 3/8	4
7	402188	BRACKET - Clamp, N.O.S.	1
8	402179	BRACKET - Clamp, Positioning	1
9	001207	SETSCREW	1
10	018602	BAR	1
11	001060	RING - Retaining, .208 I.D.	2
12	194695	PIN - Spring Anchor	4
13	196425	SCREW - Pivot	1
14	402190	BRACKET ASSEMBLY - Clamp, R.H.	1
15	402177	KNOB - Lateral Adjustment	1
16	190329	SPRING - Compression, 11/32 I.D. x 3/8 O.A.L.	1
17	018596	BRACKET - Lateral Adjustment	1
18	101193	SCREW - Cap	6
19	014504	RING - Retaining, .146 I.D.	1
20	402176	ECCENTRIC - Swivel Adjustment	1
21	195837	WASHER - 17/64 I.D. x 3/4 O.D. x .125	1
22	077836	SPRING - Compression, 25/64 O.D. x 23/32 O.A.L.	1
23	402173	KNOB ASSEMBLY - Swivel Adjustment	1
24	402184	BLOCK - Jaw Support	1
25	003268	WASHER - .255 I.D. x .500 O.D x .047.	1
26	001725	WASHER - 17/64 I.D. x 7/16 O.D.	1
27	402178	LEVER - Lockout	1
28	001095	RING - Retaining, .245 I.D.	1
29	402180	LEVER	1
30	014215	SCREW - Cap, 10-32 x 3/8	4
31	014215	SCREW	6
32	197425	SPRING - 17/64 I.D. x 2.000 O.A.L.	2
33	402165	CLAMP ASSEMBLY - Universal	1
34	402182	HINGE ASSEMBLY	1
35	402186	CLAMP - Lower Jaw	1
36	402185	BAR - Radial Adjustment	1
37	402187	HEAD CLAMP ASSEMBLY	1
38	402183	PLATE	1
39	402181	BRACKET, Lever	1
40	009751	MASTERCYLINDER	1
41	101001	SCREW - Precoat	4

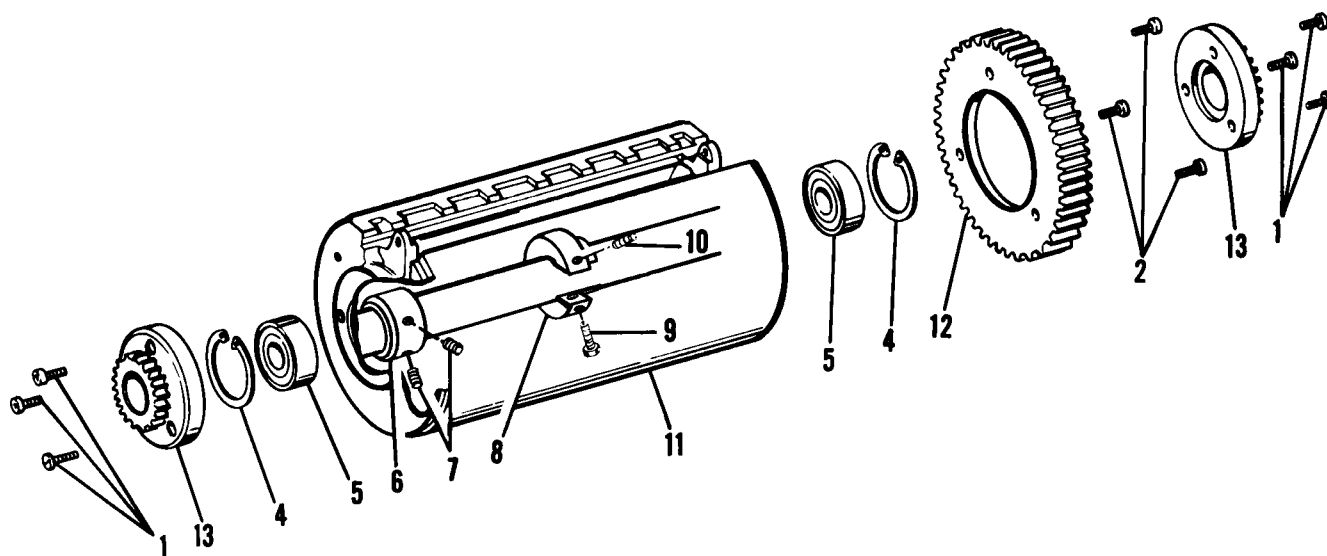


FIGURE 26
Master Cylinder Assembly - Part II

Parts Catalog

Index No.	Part No.	Figure 26 Description	Units Per Assy.
1	014111	SCREW - 1/4-28 x 5/8	6
2	100653	SCREW - 1/4-28 x 3/4	3
4	014516	RING - Retaining, 2.742 O.D.	2
5	080814	BEARING	2
6	080820	COLLAR - Cylinder Locking.....	1
7	014206	SCREW - Set, 1/4-28 x 3/8	2
8	009794	COLLAR ASSEMBLY	1
9	100201	SCREW - 1/4-28 x 7/8	1
10	100167	SCREW - Set, 1/4-28 x 5/8	1
11	009751	MASTER CYLINDER	1
12	009791	GEAR - Master Cylinder	1
13	080910	GEAR - Ducting Gear	2

Parts Catalog

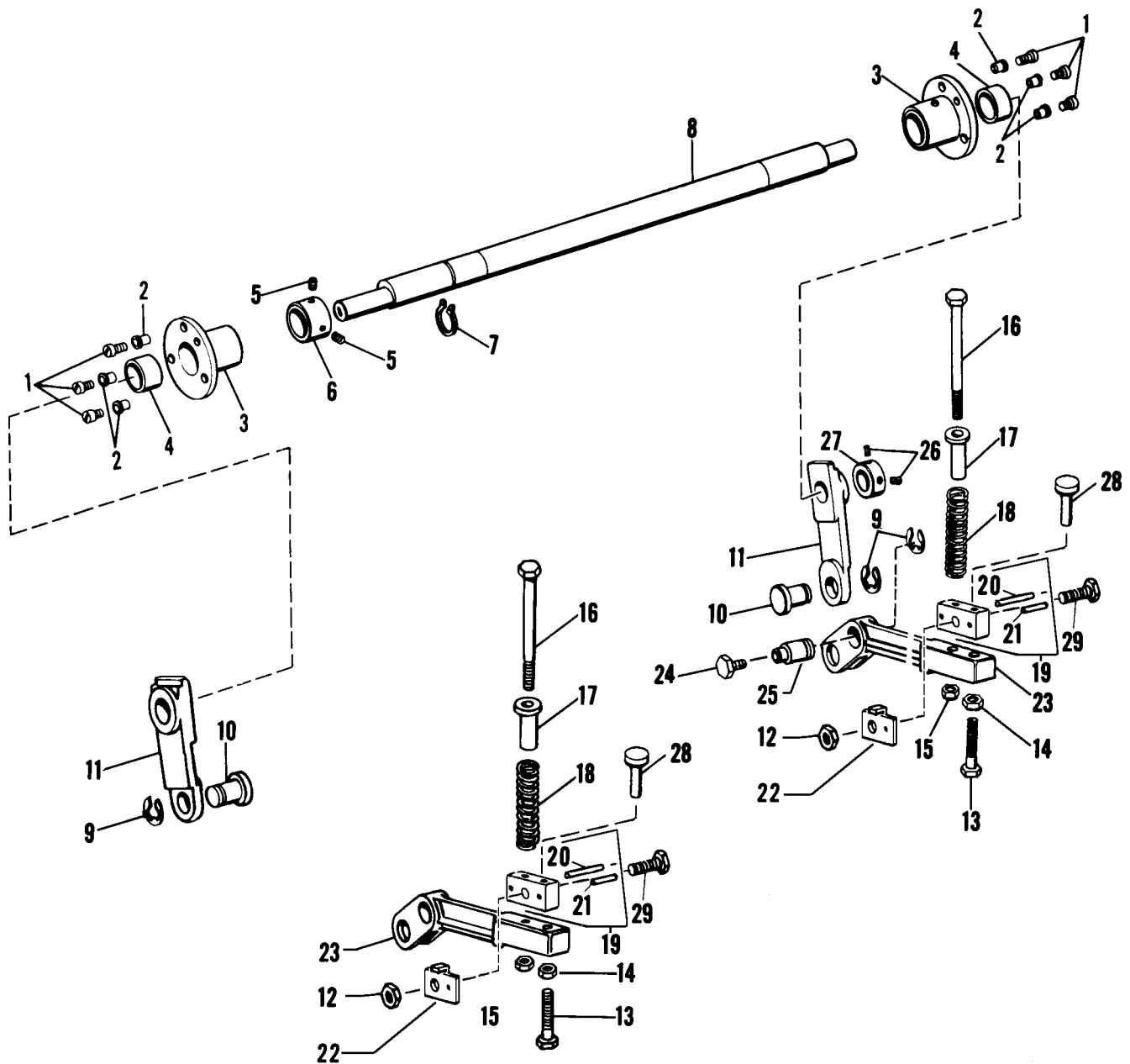


FIGURE27
Master Cylinder Shaft and Support Arms

Parts Catalog

Index No.	Part No.	Figure 27 Description	Units Per Assy.
1	100141	SCREW - 1/4-28 x 1/2	6
2	080972	SPACER - Master Cylinder, Shaft Bearing	6
3	082057	BEARING ASSEMBLY	2
4	*193603	BUSHING - 1.125 I.D. x 1.315 O.D. x .625	2
5	014206	SCREW - Set, 1/4-28 x 3/8	2
6	080820	COLLAR - Shaft	1
7	014517	RING - Retaining External, 1.039 I.D. x .052	1
8	007628	SHAFT - Master Cylinder	1
9	001094	RING - Retaining External, .394 I.D. x .044	3
10	072394	PIVOT - Support Link	2
11	080911	LINK SUPPORT - Master Cylinder	2
12	150089	NUT - 3/8-24	2
13	195721	SCREW - 5/16-18 x 1-1/2	2
14	001834	NUT - 5/16-18	2
15	001821	NUT - 1/4-28	2
16	014172	BOLT - 1/4-28 x 3-3/4	2
17	072416	GUIDE - Support arm Spring	2
18	194808	SPRING - Compression, .794 O.D. x 2.937 O.A.L. x .090	2
19	010372	BLOCK - Support Arm, W/Gap Control	2
20	100131	PIN - Roll, .199 O.D. x 1.230 O.A.L.	1
21	014972	PIN - Spiral, .202 O.D. x .937 O.S.	1
22	078346	LEVER - Stop,	2
23	083313	SUPPORT ARM - Master Cylinder	2
24	080715	SCREW - Support Arm Stud, 5/16-24	2
25	017077	STUD - Support Arm	2
26	014390	SCREW - Set, 10-32 x 1/4	2
27	080956	COLLAR - .504 I.D. x 15/16 O.D. x 13/32	1
28	080447	PIN - Separator	2
29	014121	SCREW - 3/8-24 x 1-1/4	2

* Not Procurable Separately

Parts Catalog

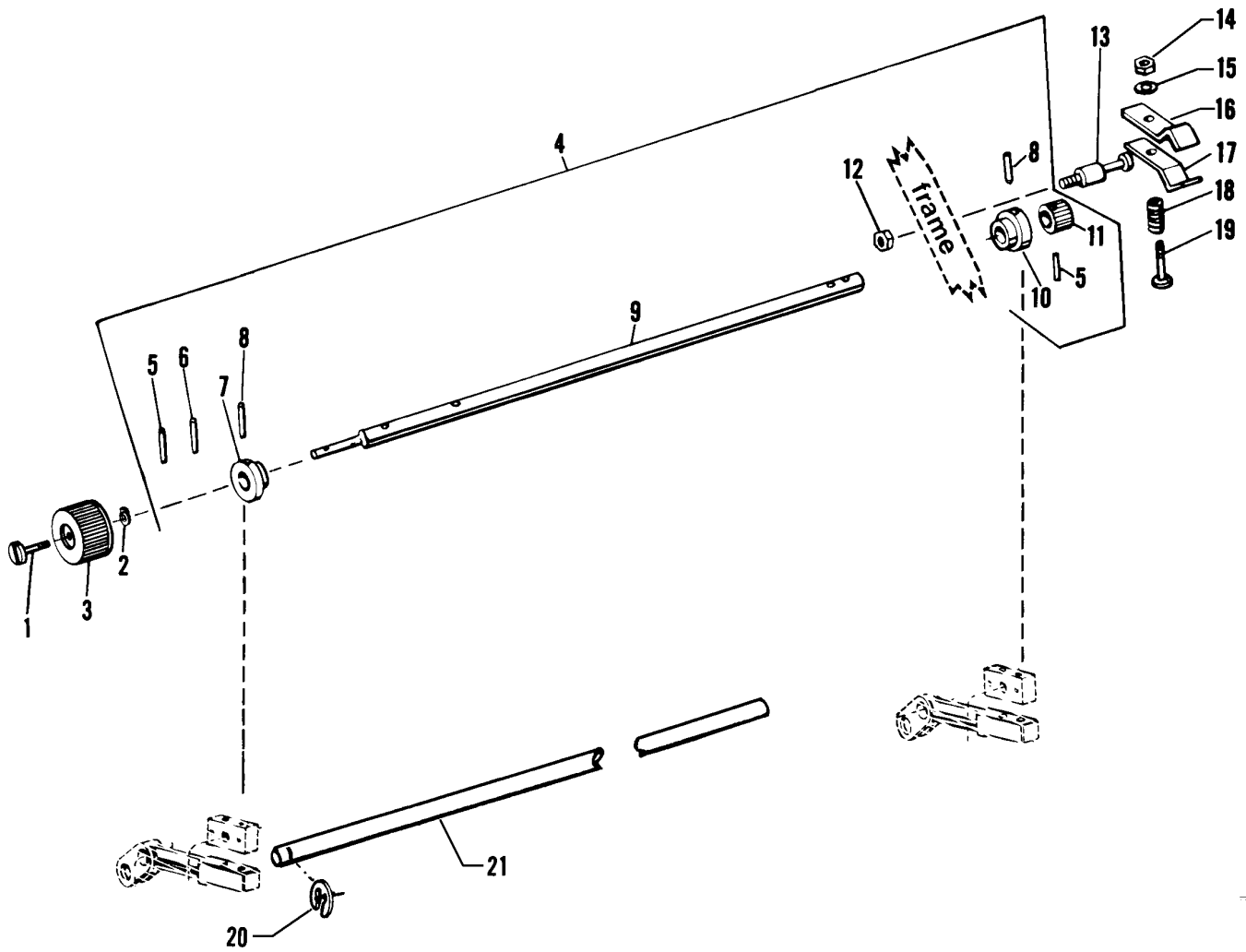


FIGURE 28
Gap Control - Master Cylinder

Parts Catalog

Index No.	Part No.	Figure 28 Description	Units Per Assy.
1	196246	SCREW - Special, 10-32 x 3/4	1
2	039642	RING - Vinyl, .135 I.D. x .075	1
3	017735	KNOB	1
4	078338	SHAFT ASSEMBLY - Gap Control,	1
5	001980	PIN - Roll, .135 O.D. x .640 O.A.L.	2
6	101876	PIN - Roll, .135 O.D. x 1.575 O.A.L.	1
7	080448	CAM - O.S.	1
8	001992	PIN - Roll, .135 O.D. x 1.015 O.A.L.	2
9	*078337	SHAFT - Gap Control	1
10	080449	CAM - N.O.S.	1
11	073551	DRAG - Gap Clamp	1
12	150085	NUT - 1/4-28	1
13	193323	STUD - 1/4-28	1
14	101051	NUT - 10-32	1
15	001702	WASHER - .195 I.D. x .500 O.D. x .029	1
16	080452	CLAMP	2
18	077836	SPRING - Compression, .400 O.D. x .718 O.A.L.	1
19	077301	SCREW - Shoulder, 10-32	1
20	001060	RING - Retaining, .208 I.D.	1
21	007980	SHAFT - Table Support	1

* Not Procurable Separately

Parts Catalog

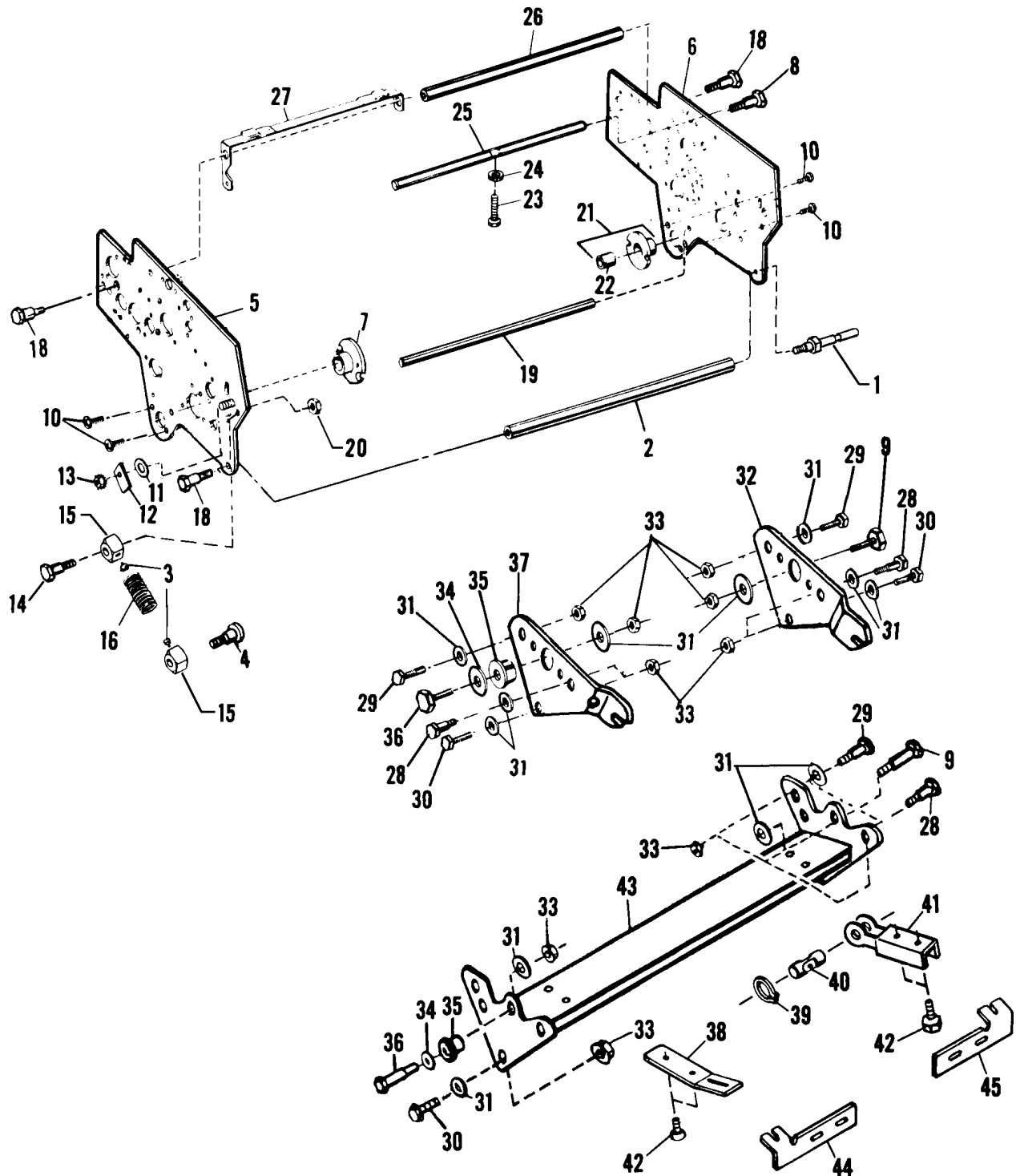


FIGURE 29
Ink Head Side Frames Part I

Parts Catalog

Index No.	Part No.	Figure 29 Description	Units Per Assy.
1	084407	SHAFT	1
2	007575	TIE BAR	1
3	073330	SCREW - Special, 10-32	4
4	072349	SCREW - Eccentric, 1/4-28	2
5	016206	FRAME - Upper, O.S.	1
6	016207	FRAME - Upper, N.O.S.	1
7	074324	BUSHING ASSEMBLY - Eccentric	1
8	196264	SCREW - Dowel, 1/4-28	2
9	073140	SCREW - Pivot, 3/8-24 x 5/8	1
10	111054	SCREW - 10-32 x 1/2	4
11	021268	WASHER - .265 I.D. x .437 O.D.	3
12	007745	GUIDE	3
13	150085	NUT - 1/4-28	3
14	072349	SCREW	1
15	072389	BLOCK - Eccentric, Spring	4
16	072424	SPRING - Compression, .537 O.D. x 1.343 O.A.L.	2
18	193601	SCREW - Shoulder, 5/16-24	5
19	025124	TIE BAR	1
20	014807	NUT - 1/4 - 28	4
21	074323	BUSHING ASSEMBLY - N.O.S.	1
22	014606	BUSHING - .629 I.D. x .753 O.D. x .630 O.A.L.	1
23	001260	SCREW - Adjusting, 10-32 x 1-1/4	1
24	001812	KNOB	1
25	017996	TIE BAR	1
26	008024	TIE BAR	1
27	007582	REST ASSEMBLY - (TD and CO)	1
28	191427	SCREW - Shoulder, 3/8-24	2
29	194823	SCREW - Shoulder, 3/8-24	2
30	111099	SCREW - 3/8-24 x 7/8	2
31	191428	WASHER - .510 I.D. x 1.000 O.D.	8
32	013495	PLATE - Head Support, N.O.S.	1
33	150089	NUT - 3/8-24	8
34	021911	WASHER - .578 I.D. x .875 O.D.	1
35	084289	BUSHING - Eccentric	1
36	084291	SCREW - Shoulder, 3/8-24	1
37	013494	PLATE - Head Support, O.S.	1
38	022839	GUIDE - Lateral,	1
39	001047	RING - Retaining, .340 I.D. x .027	4
40	022745	TRUNNION	2
41	022746	YOKE - Trunnion, Mounting	2
42	111051	SCREW - 10-32 x 5/16	6
43	022748	TIE BAR ASSEMBLY	1
44	022844	GUIDE - Lateral O.S.	1
45	022845	GUIDE - Lateral N.O.S.	1

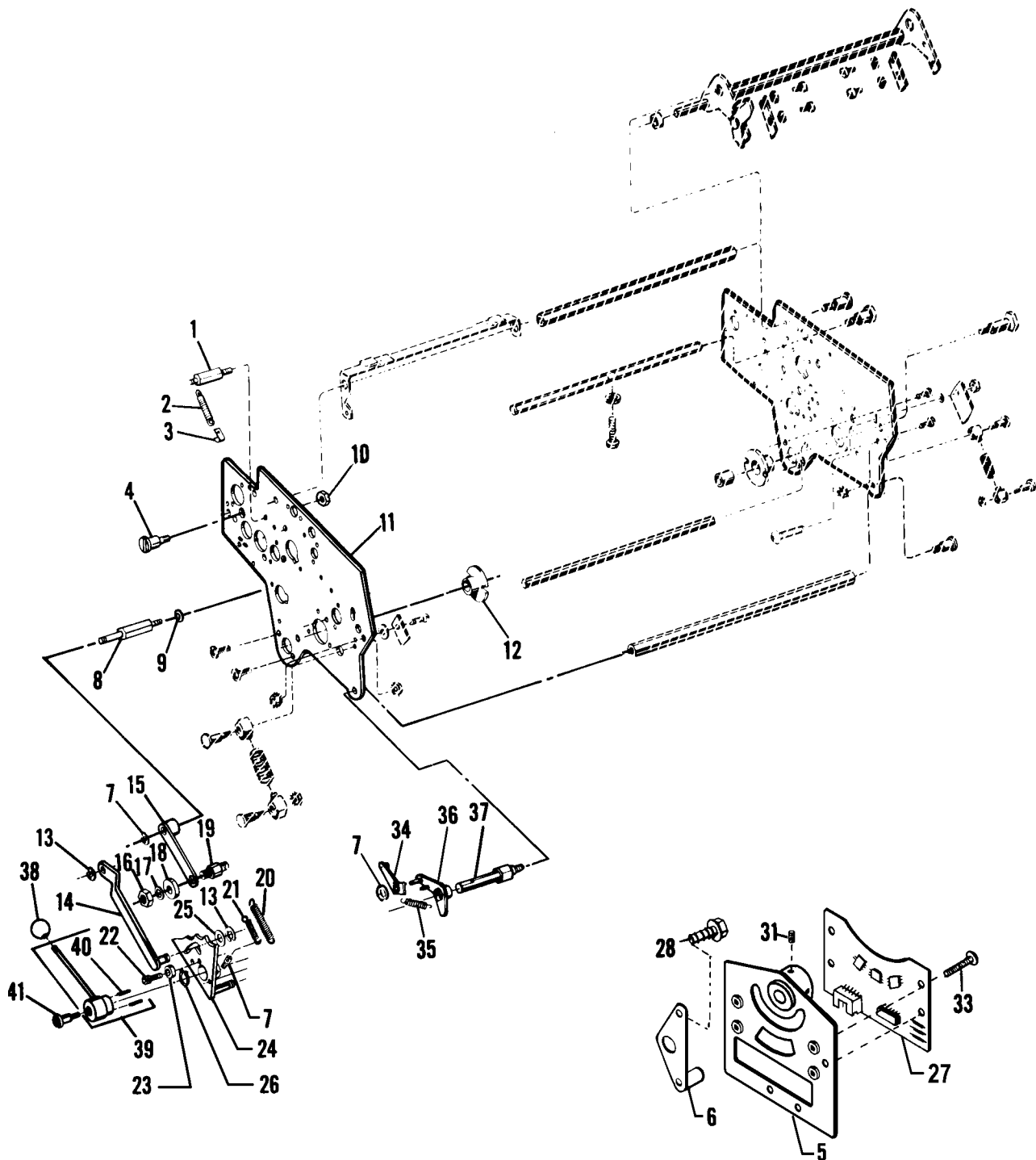


FIGURE 30
Ink Head Side Frames Part II

Parts Catalog

Index No.	Part No.	Figure 30 Description	Units Per Assy.
1	075644	STUD - Spring	
2	064589	SPRING - Tension, .250 O.D. x 1.187 O.A.L.	1
3	073107	HOOK - Spring	1
4	193601	SCREW - Shoulder, 5/16-24	3
5	403758	PLATE ASSEMBLY - Sensor, Hall Effect	1
6	017481	MAGNET ASSEMBLY - Hall Effect	1
7	191939	STUD - Spring	1
8	402024	STUD - Detent Lever	1
9	006936	WASHER	1
10	014808	NUT - 10-32	1
11	016206	FRAME - Upper, O.S.	1
12	074324	BUSHING ASSEMBLY - Eccentric	1
13	001095	RING - Retaining, .245 I.D.	2
14	071596	LINK - Control	1
15	071606	LEVER - Detent	1
16	001812	NUT - 10-32	1
17	000666	WASHER - Lock, .194 I.D. x .281 O.D.	1
18	064234	TRUCK - Detent Lever	1
19	191934	STUD - Spring	1
20	065402	SPRING - Tension, .375 O.D. x 1.593 O.A.L.	1
21	073542	SPRING - Tension, .390 O.D. x 1.281 O.A.L.	1
22	014350	SCREW - 10-32 x 5/16	1
23	071610	DISC - Eccentric	1
24	075537	CAM - Sequence Control	1
25	018062	WASHER - .328 I.D. x .625 O.D.	1
26	001048	RING - Retaining, .463 I.D.	1
27	017734	P.C. BOARD ASSEMBLY - Sensor, Hall Effect	1
28	100657	SCREW - 10-32 x 5/16	1
31	014372	SCREW - Set, 10-32 x 1/4	2
33	001541	SCREW - 6-32 x 1/4	4
34	016941	LEVER - Overtravel	1
35	022343	SPRING - 3/16 O.D. x 29/32 O.A.L.	1
36	016942	LEVER - Image Control	1
37	084407	STUD	1
38	017819	KNOB	1
39	017744	LEVER - Control	1
40	197456	PIN	2
41	196249	SCREW - Shoulder, 1/4-28	1

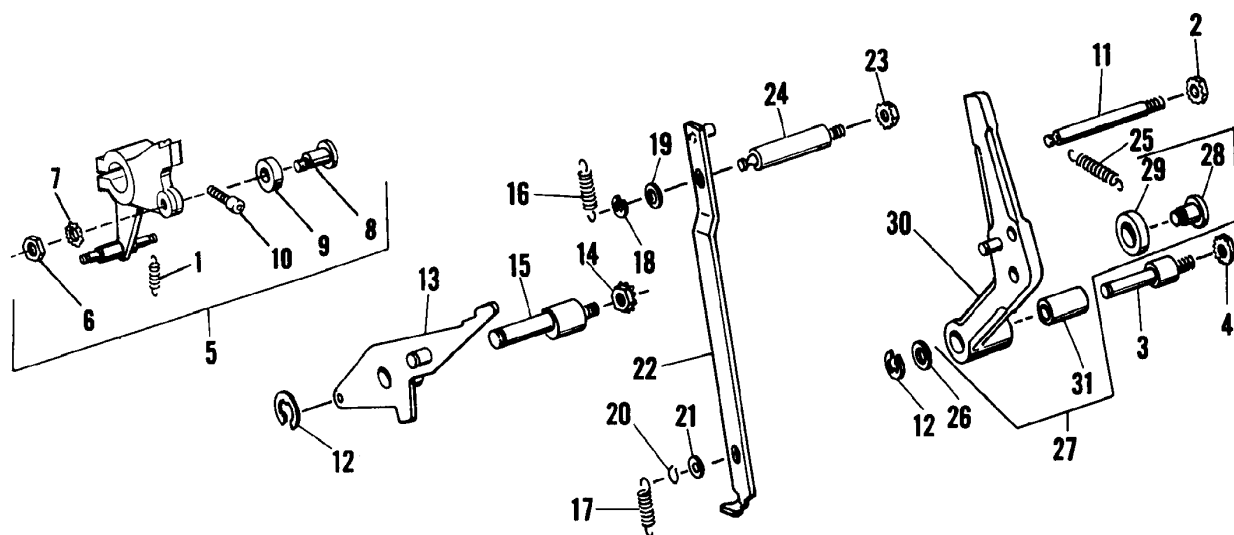


FIGURE 31
Master Cylinder Latch and Power Lever

Parts Catalog

Index No.	Part No.	Figure 31 Description	Units Per Assy.
1	190148	SPRING - Tension, .406 O.D. x 2.312 O.A.L.	1
2	014808	NUT - 10-32	1
3	072369	STUD - Power Lever	1
4	150085	NUT - 1/4-28	1
5	017627	LEVER ASSEMBLY - Master Cylinder	1
6	001818	NUT - 1/4-28	1
7	001740	WASHER - Lock, .262 I.D. x .500 O.D. x .025	1
8	072357	SCREW - Master Cylinder Lever, Eccentric	1
9	072358	SPACER - Master Cylinder Lever Screw	1
10	100891	SCREW - 1/4-20 x 1.000	1
11	072129	STUD - Power Lever Spring	1
12	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	2
13	072370	LATCH LEVER ASSEMBLY - Master Cylinder	1
14	001821	NUT - 1/4-28	1
15	072373	STUD - Latch Lever	1
16	072511	SPRING - Tension, .250 O.D. x 1.125 O.A.L.	1
17	041777	SPRING - Tension, .312 O.D. x 1.344 O.A.L.	1
18	001060	RING - Retaining, .208 I.D. x .527 O.D. x .027	3
19	003268	WASHER	1
20	001062	RING - Retaining, .250 I.D. x .027	1
21	016574	WASHER - .315 I.D. x .687 O.D. x .047	1
22	072386	LATCH LINK ASSEMBLY - Master Cylinder	1
23	150085	NUT - 1/4-28	1
24	072388	STUD - Latch Link	1
25	072442	SPRING - Tension, .343 O.D. x 2.000 O.A.L.	1
26	014727	WASHER - .382 I.D. x .750 O.D. x .029	1
27	400991	POWER LEVER ASSEMBLY- Master Cylinder	1
28	192323	SCREW - Eccentric	1
29	072367	TRUCK	1
30	*072038	POWER LEVER	1
31	001446	BUSHING - .379 I.D. x .503 O.D. x .875 O.A.L.	1

*Not Procurable Separately

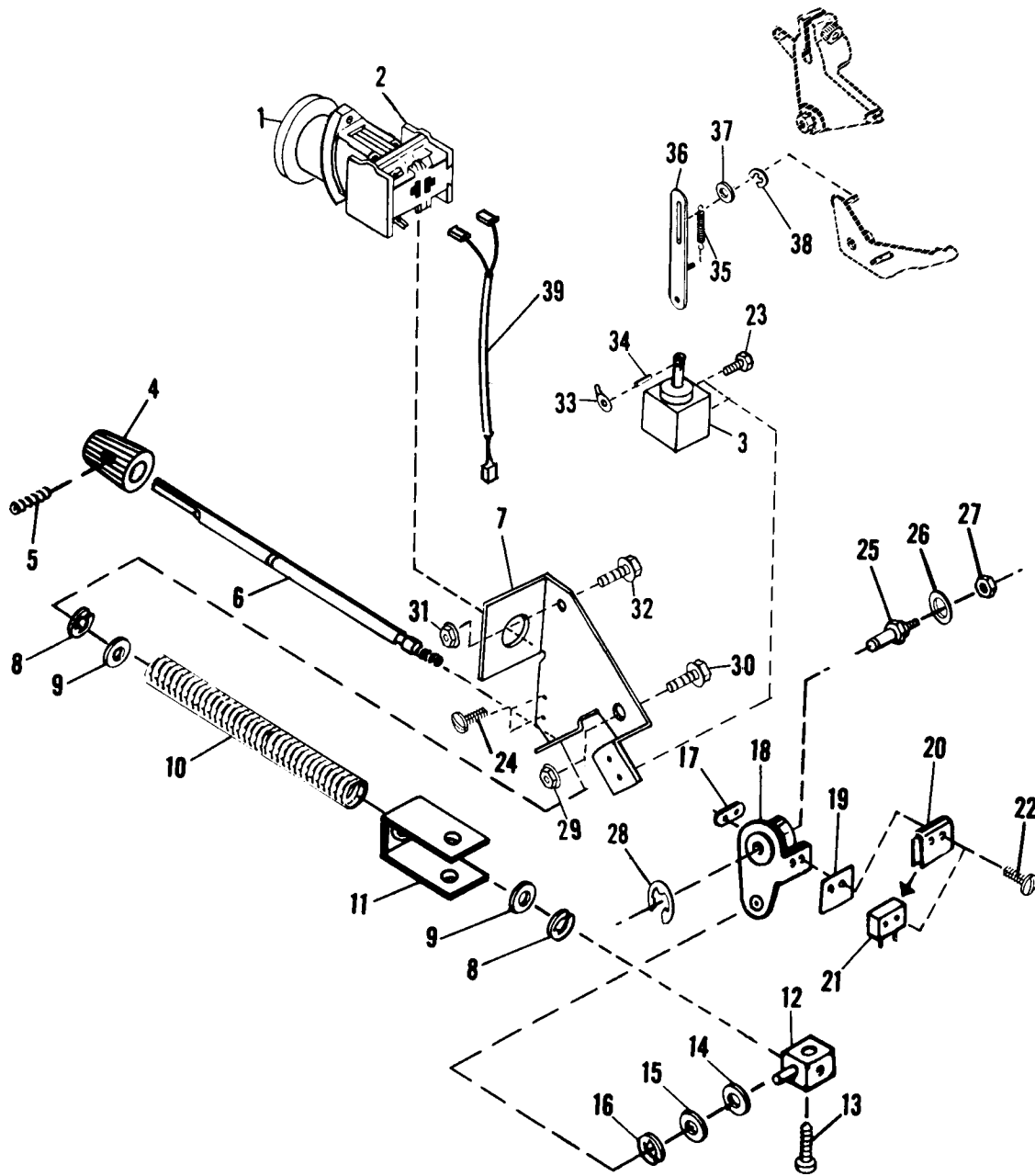


FIGURE 32
Emergency Stop and Doubles Switches

Parts Catalog

Index No.	Part No.	Figure 32 Description	Units Per Assy.
0	***	SWITCH ASSEMBLY - Doubles Detector	1
1	253474	ACTUATOR - Pushbutton, Stop	1
2	253475	SWITCH - 2PST, Emergency Stop	1
3	253578	SOLENOID - Master Latch, 115 VAC. 50/60 Hz.	1
4	016916	KNOB	1
5	001207	SCREW - Set, 8-32 x 3/16	1
6	016541	ROD - Detector Switch Adj.	1
7	025237	BRACKET - Mounting	1
8	001049	RING - Retaining, .227 I.D. x .027	2
9	005071	WASHER - .252 I.D. x .027	2
10	196423	SPRING - Compression, 25/64 O.D. x 5" O.A.L.	1
11	016741	BRACKET - Stop	1
12	011948	PIVOT - Detector Adj. Rod	1
13	001588	SCREW - 10-32 X 1/4	2
14	001772	WASHER - Friction, .376 I.D. x 750 O.D.	1
15	014727	WASHER - .375 I.D. x .750 O.D.	1
16	100740	RING - Retaining, .357 I.D. x .045	1
17	190483	NUT PLATE - 2-56	1
18	016739	BRACKET ASSEMBLY - Switch Mount	1
19	017159	INSULATOR - Switch Detector	1
20	192855	INSULATOR - Switch	1
21	253025	SWITCH - S.P.D.T., 1 Amp 125 VAC.	1
22	100490	SCREW - 2-56 x 1/2	2
23	111033	SCREW - 8-32 x 5/16	2
24	001586	SCREW - 8-32 x 5/16 (Old)	2
24	001575	SCREW - 10-32 x 5/16	2
25	196421	STUD - Switch Pivot, Chain Delivery	1
26	061452	SPACER	1
27	154078	NUT - Lock, 1/4-28, Chain Delivery	1
28	014511	RING - Retaining, .430 I.D. x .027	1
29	150089	NUT - 3/8-24	1
30	111098	SCREW - 3/8-24 x 3/4	1
31	150081	NUT - 8-32 (Old)	1
31	150083	NUT - 10-32	1
32	111036	SCREW - 8-32 x 1/2 (Old)	1
32	111054	SCREW - 10-32 x 1/2	1
33	014515	RING - Plastic, .080 I.D. x .160 O.D. x .025	2
34	190713	PIN - Solenoid	1
35	064673	SPRING - Tension, .250 O.D. x 1.578 O.A.L. x .024	1
36	025127	LINK ASSEMBLY	1
37	021203	WASHER - .254 I.D.	1
38	001060	RING - Retaining, .208 I.D. x .027	1
39	022802	CABLE ASSEMBLY - Stop Switch, 18"	1

** Not Salable As An Assembly

Parts Catalog

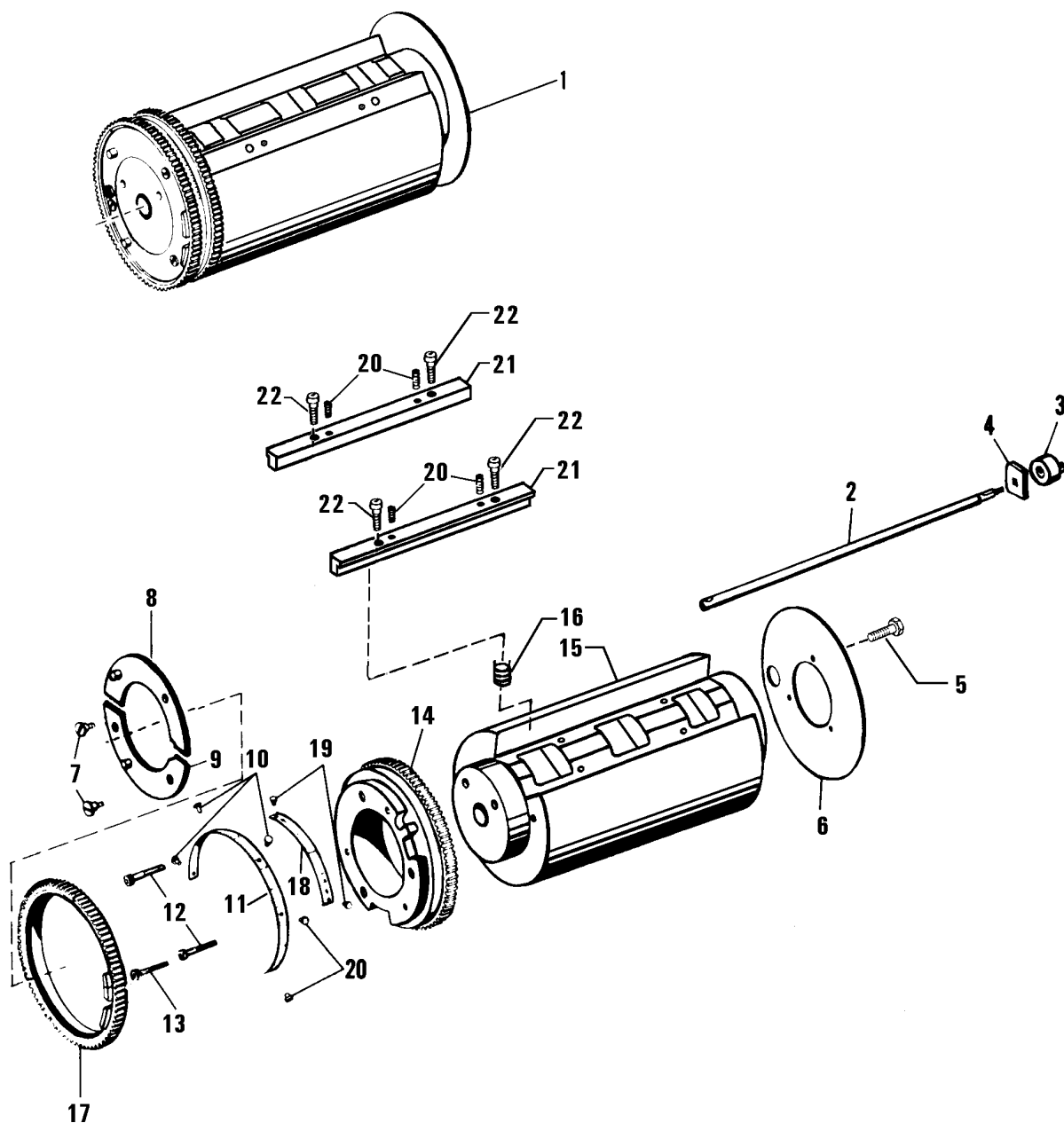


FIGURE 33
Blanket Cylinder - Part I

Parts Catalog

Index No.	Part No.	Figure 33 Description	Units Per Assy.
1	***	CYLINDER ASSEMBLY - Blanket	1
2	018580	ROD - Clamp	1
3	018469	NUT - Clamp Rod, 1/4-28	1
4	003586	WASHER - 7/8 I.D. x 3/4 O.D. x 1/16	1
5	111073	SCREW - Shield, 1/4-28 x 5/8	3
6	009553	SHIELD - Blanket Cylinder	1
7	020138	SCREW - Shoulder Dowel, 10-32	2
8	018575	RING ASSEMBLY - Blanket Cylinder, L.H.	1
9	018577	RING ASSEMBLY - Blanket Cylinder, R.H.	1
10	100508	SCREW - Drive, # 00-3/16 O.A.L.	5
11	080719	SCALE - Vertical Print Adjustment	1
12	014157	SCREW - 1/4-28 x 1.250	2
13	078556	SCREW - 1/4-28 x 1.187	1
14	009554	GEAR - Blanket Cylinder	1
15	009551	CYLINDER - Blanket	1
16	100392	INSERT - 1/4-28 I.D. x 3/8-16 O.D.	4
17	009548	GEAR - Vertical Print Adjust	1
18	078552	INDICATOR - Vertical Print Adjusting	1
19	014570	PIN - Drive Lock, 3/16 O.A.L.	2
20	014313	SCREW - Set, 1/4-28 x 1.000	4
21	404018	BAR - Blanket Retainer	2
22	190236	SCREW - Blanket Mtg.	4

***Not Salable As An Assembly
BLANKET - Supply Item: 4-4525BR

Parts Catalog

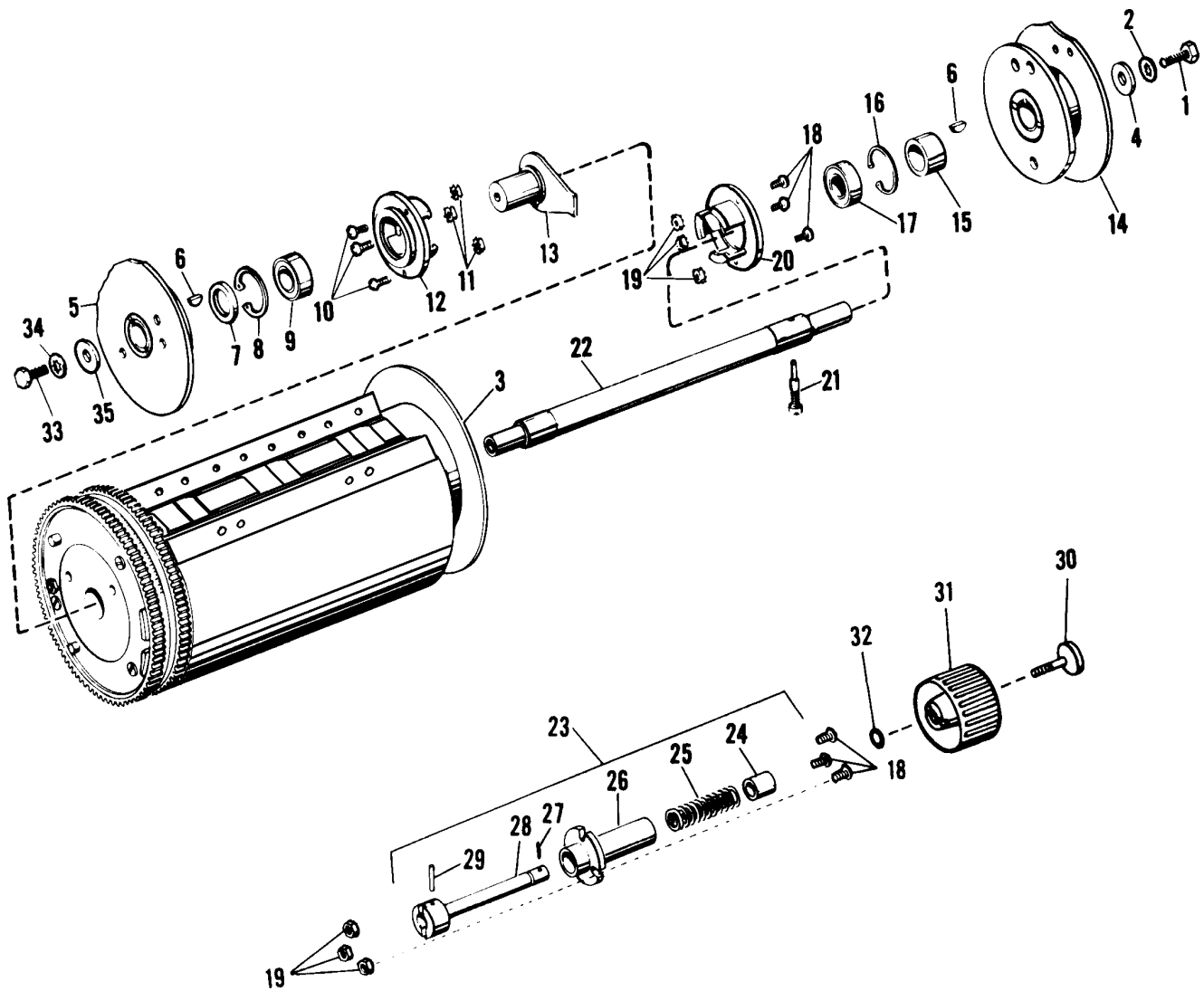


FIGURE 34
Blanket Cylinder - Part II

Parts Catalog

Index No.	Part No.	Figure 34 Description	Units Per Assy.
1	014192	SCREW - 5/16-24 x 3/4	2
2	014721	WASHER - Lock, .326 I.D. x .600 O.D. x .030	2
3	***	CYLINDER ASSEMBLY - Blanket	1
4	014748	WASHER - .328 I.D. x 1.250 O.D. x .093	2
5	009667	CAM ASSEMBLY - Blanket Cylinder N.O.S.	1
6	078527	KEY - Woodruff, # 505	2
4	078551	SPACER - 1.000 I.D. x 1.500 O.D. x .259	1
8	001066	RING - Retaining, Internal, 2.320 O.D. x .081	1
9	078520	BEARING - .984 I.D. x 2.047 O.D.	1
10	111057	SCREW - 10-32 x 3/4	3
11	150083	NUT - 10-32	3
12	012705	HOUSING - L.H., Bearing	1
13	082103	ARM ASSEMBLY - Blanket Cylinder	1
14	017840	CAM ASSEMBLY - Blanket Cylinder O.S.	1
15	078524	SPACER - 51/64 I.D. x 1.250 O.D. x .547	1
16	001065	RING - Retaining, Internal, 2.089 O.D. x .065	1
17	078714	BEARING - .787 I.D. x 1.850 O.D.	1
18	111055	SCREW - 10-32 x 9/16	6
19	150083	NUT - 10-32	6
20	082172	HOUSING - R. H., Bearing	1
21	080718	SCREW - Special, 3/8-24 x 1-7/16	1
22	007633	SHAFT - Blanket Cylinder	1
23	009558	PRINT ADJUSTING ASSEMBLY	1
24	078542	BUSHING - .380 I.D. x .562 O.D. x .750 O.A.L.	1
25	078541	SPRING - Compression, .510 O.D. x 1.156 O.A.L.	1
26	076856	HOUSING - Print Adjusting	1
27	014921	PIN - Roll, .135 O.D. x .890 O.A.L.	1
28	009559	ROD ASSEMBLY - Print Adjusting	1
29	001987	PIN - Roll, .167 O.D. x .890 O.A.L.	1
30	196248	SCREW - Special, 10-32 x 7/8	1
31	017739	KNOB - Print Adjusting	1
32	039642	RING - Vinyl, .135 x .075	1
33	100649	SCREW - Flat Head, 5/16-24 x 3/4	1
34	100647	WASHER - Tooth, 5/16 I.D.	1
35	191482	WASHER - Special	1

*** Not Salable As An Assembly

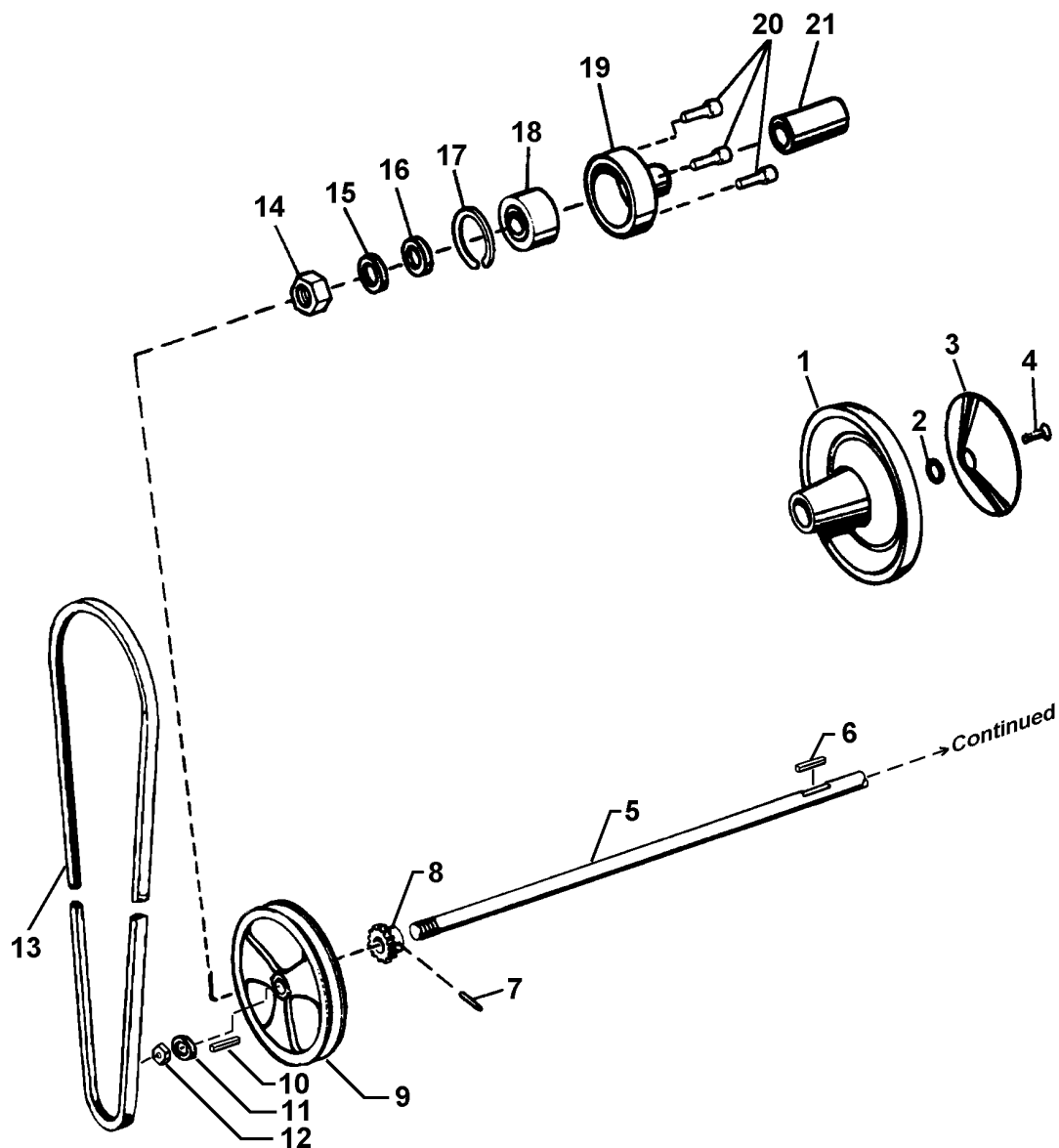


FIGURE 35
Drive Shaft & Disengaging Handwheel Assembly - Part I

Parts Catalog

Index No.	Part No.	Figure 35 Description	Units Per Assy.
1	401997	HANDWHEEL	1
2	001781	SNAP RING	1
3	071398	HANDWHEEL DISC	1
4	195088	SCREW - Handwheel	1
5	403763	SHAFT - Drive	1
6	191644	KEY - # 2	1
7	001523	SETSCREW	1
8	080191	GEAR - Drive Shaft	1
9	083316	PULLEY	1
10	197178	KEY	1
11	100648	WASHER	1
12	001847	NUT	1
13	196633	BELT	1
14	196221	NUT	1
15	014799	WASHER	1
16	079866	SPACER	1
17	100646	RING - Retaining	1
18	190179	BEARING	1
19	080522	HOUSING ASSEMBLY	1
20	100185	SCREW	3
21	191481	SLEEVE	1

Parts Catalog

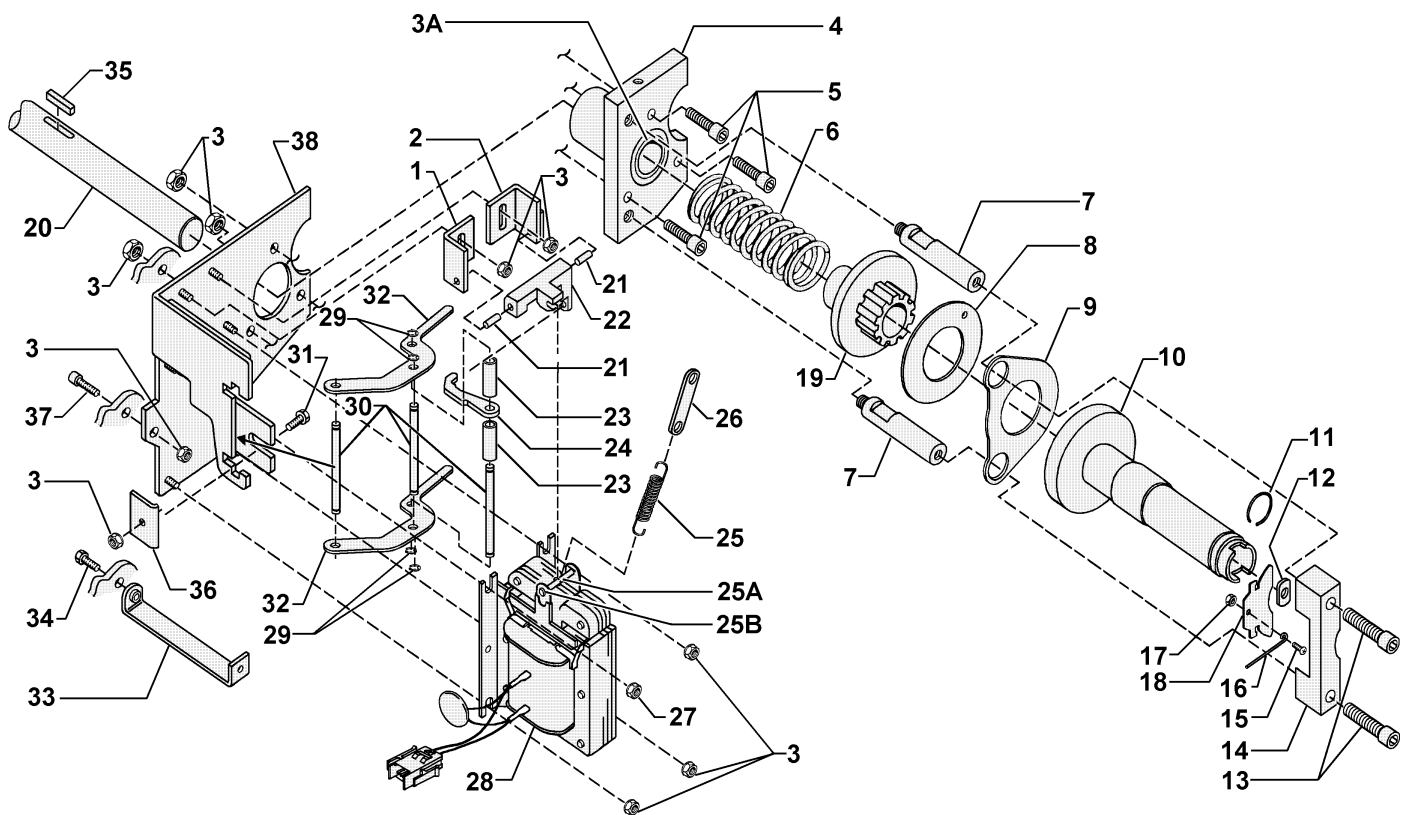


FIGURE 36
Drive Shaft & Disengaging Handwheel Assembly - Part II

Parts Catalog

Index No.	Part No.	Figure 36 Description	Units Per Assy.
1	403784	BRACKET	1
2	403785	BRACKET	1
3	150083	LOCK NUT - # 8	10
3A	403767	BEARING HOUSING ASSEMBLY	1
4	403766	BEARING BLOCK	1
5	111058	SCREW	3
6	197610	SPRING - Compression	1
7	403770	POST	2
8	403774	WASHER - Thrust	1
9	403775	PRESSURE PLATE	1
10	403776	SHAFT EXTENSION ASSEMBLY	1
11	197393	SPRING RETAINER	1
12	197417	NUT PLATE	1
13	014112	SCREW - # 3	1
14	403783	RETAINER	1
15	100704	SCREW - # 10	1
16	403782	WIRE FORM	1
17	100115	HEX NUT - # 10	1
18	403781	BRAKE	1
19	403771	SPLINE ASSEMBLY	1
20	403763	SHAFT - Drive	1
21	197613	PIN	2
22	403786	CRANK	1
23	197614	SPACER	2
24	403787	LINK	1
25	072511	SPRING - # 2	1
25A	075074	PIN	1
25B	014515	RING - # 25	2
26	403797	LINK	1
27	014248	LOCK NUT	1
28	403756	SOLENOID ASSEMBLY - Disengaging Handwheel	1
29	001782	RETAINING RING - # 45	4
30	197612	SHAFT - Double Grooved	3
31	111054	SCREW - # 25	1
32	403788	FINGER	2
33	403798	STANDOFF	1
34	111055	SCREW - # 15	1
35	191644	KEY - # 2	1
36	403789	CLAMP	1
37	111056	SCREW	1
38	403765	BRACKET ASSEMBLY	1

Parts Catalog

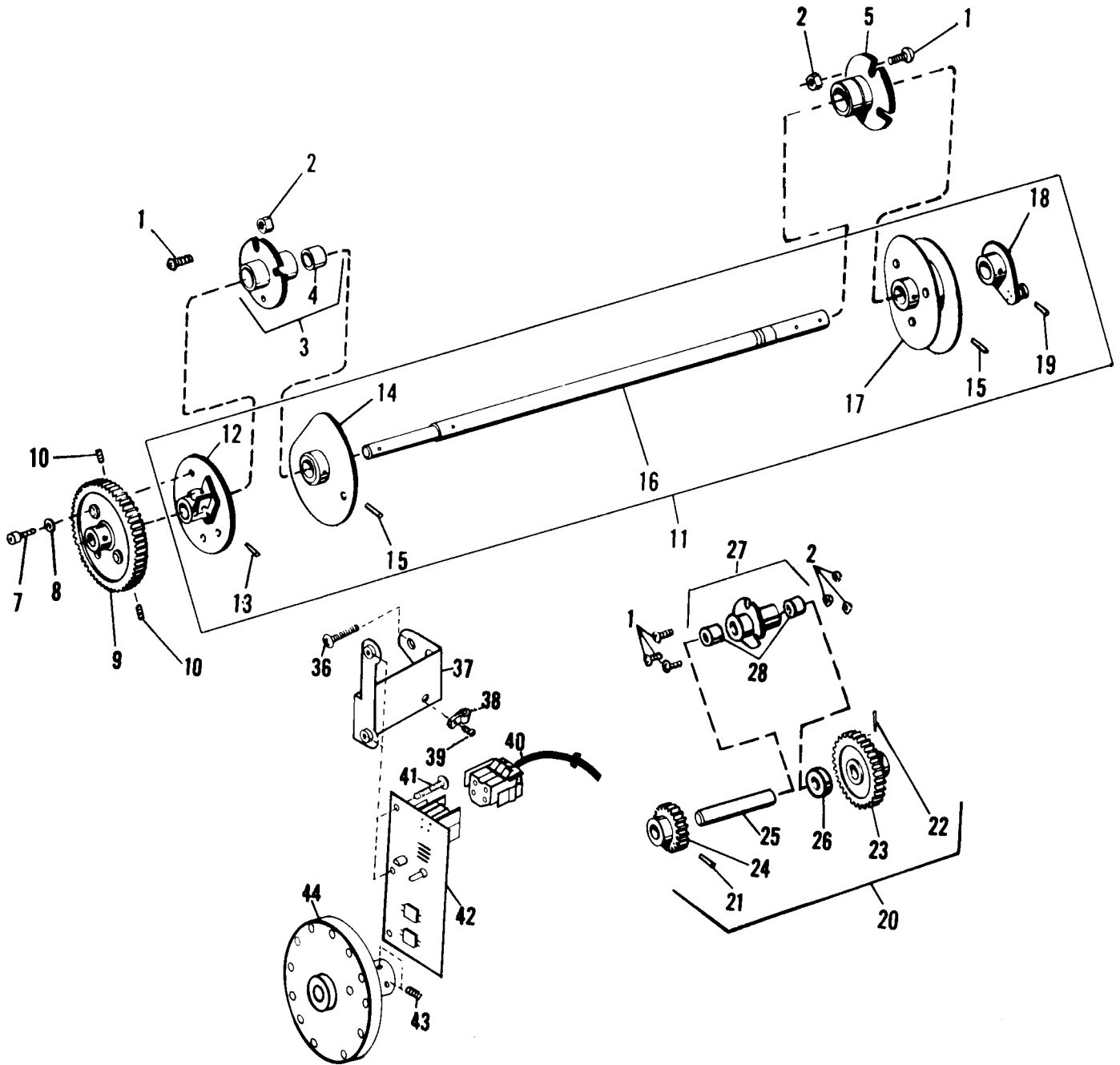


FIGURE 37
Cam Shaft Assembly

Parts Catalog

Index No.	Part No.	Figure 37 Description	Units Per Assy.
1	111055	SCREW - 10-32 x 9/16	9
2	150083	NUT - 10-32	9
3	080376	HOUSING ASSEMBLY - 1/2" Diameter Shaft	1
4	001416	BUSHING - .504 I.D. x .627 O.D. x 1.000 O.A.L.	3
5	072181	HOUSING ASSEMBLY	1
7	111074	SCREW - 1/4-28 x 3/4	3
8	005620	WASHER - .254 I.D. x 5/8 O.D. x .059	3
9	080378	GEAR	1
10	014342	SCREW - 10-32 x 5/8	2
11	017485	SHAFT ASSEMBLY - Cam, Hall Effect CD	1
12	*080414	CAM	1
13	000022	PIN - Taper, .163 O.D. x .790 O.A.L.	1
14	*072787	CAM - TD	1
15	000023	PIN - Taper, .158 O.D. x .978 O.A.L.	2
16	*017484	SHAFT	1
17	*076084	CAM	1
18	*072605	CAM	1
19	000024	PIN - Taper, .154 O.D. x 1.094 O.A.L.	1
20	016380	GEAR SHAFT ASSEMBLY - CD	1
21	014902	PIN - Taper, .110 O.D. x .720 O.A.L.	2
22	000012	PIN - Taper, .123 O.D. x .998 O.A.L.	2
23	*078445	GEAR - CD	1
24	*072338	GEAR	1
25	*072337	SHAFT	1
26	192273	SPACER - TD	1
27	072333	HOUSING ASSEMBLY	1
28	001404	BUSHING - .379 I.D. x .504 O.D. x .500 O.A.L.	2
36	001567	SCREW - 1/4-28 x 3/8	2
37	017478	BRACKET ASSEMBLY - Clock, Hall Effect	1
38	250205	CLAMP - Cable, 3/16	1
39	000895	SCREW - Thread Forming, 6-32 x 3/8	1
40	025303	HARNESS ASSEMBLY	1
41	001541	SCREW - 6-32 x 3/8	2
42	017742	P.C. BOARD ASSEMBLY - Clock/Sync., Hall Effect	1
43	014108	SCREW - Set, 10-32 x 3/8	2
44	017480	WHEEL ASSEMBLY - Hall Effect	1

* Not Procurable Separately

Parts Catalog

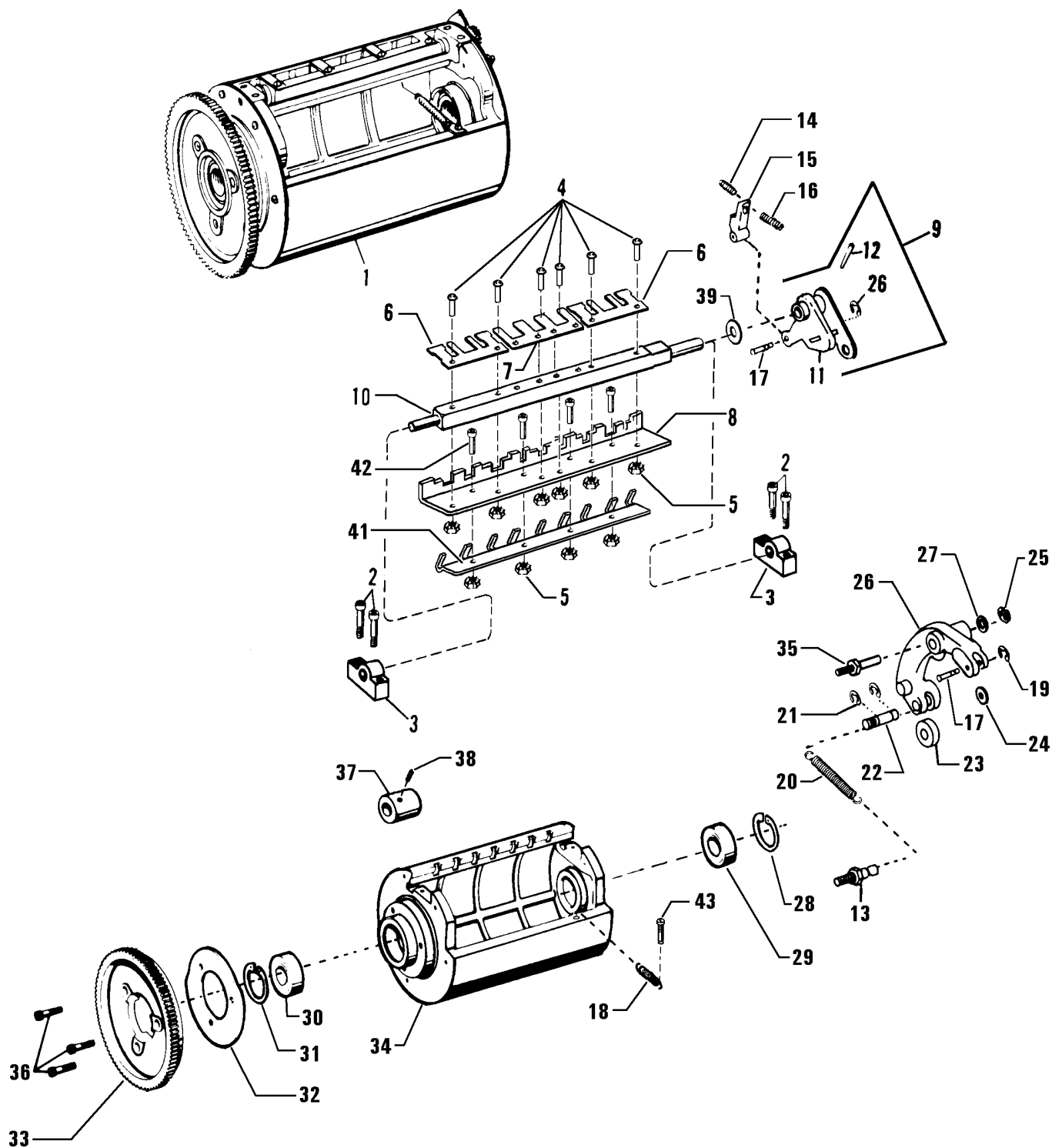


FIGURE 38
Impression Cylinder Assembly

Parts Catalog

Index No.	Part No.	Figure 38 Description	Units Per Assy.
1	***401322	CYLINDER ASSEMBLY - Impression	1
2	014165	SCREW - 1/4-28 x 1.000	4
3	007764	BEARING BLOCK - Gripper	2
4	014205	SCREW - 10-32 x 13/16	6
5	014808	NUT - 10-32	10
6	401707	FINGER - Gripper, Impression Cylinder	2
7	403935	FINGER - Gripper, Impression Cylinder	1
8	401728	PAPER STOP - Gripper, Impression Cylinder	1
9	007613	GRIPPER SHAFT ASSEMBLY	1
10	*007614	GRIPPER SHAFT	1
11	*007664	LEVER ASSEMBLY	1
12	190111	PIN - Taper	1
13	191360	STUD - Spring	1
14	100130	SCREW - Set, 10-32 x 1.000	1
15	081104	ARM - Overload	1
16	190135	SPRING - Compression, .350 O.D. x 1.000 O.A.L. x .045	1
17	194804	PIN - Special	2
18	078744	SPRING - Tension, .406 O.D. x 1.937 O.A.L. x .049	1
19	014504	RING - Retaining, .146 I.D. x .338 O.D. x .027	2
20	191401	SPRING - Tension, 13/32 O.D. x 1-5/16 O.A.L. x .036	1
21	001095	RING - Retaining, .250 I.D. x 1/2 O.D. x .027	1
22	082131	PIN - Special	1
23	081106	TRUCK - Special	1
24	190107	TRUCK - .190 I.D. x 1/2 O.D. x .240	1
25	001075	RING - Retaining, .397 I.D. x .037	1
26	082135	ARM - Operating	1
27	190149	WASHER - .440 I.D. x 11/16 O.D. x .029	1
28	014516	RING - Retaining, 2-7/16 O.D. x .081	1
29	080814	BEARING - Ball, 1.1811 I.D. x 2.440 O.D. x .6299	1
30	078520	BEARING - Ball, .9843 I.D. x 2.0472 O.D. x .5906	1
31	001066	RING - Retaining, 2.250 O.D. x .081	1
32	078712	CAM	1
33	009652	GEAR - Impression Cylinder	1
34	009651	CYLINDER - Impression, CD	1
35	191361	STUD - Chain Delivery	1
36	014157	SCREW - 1/4-28 x 1-1/4	3
37	082128	COLLAR - 1-11/16 O.D. x 1.183 I.D. x 2-5/32 O.A.L.	1
38	014206	SCREW - Set, 1/4-28 x 3/8	2
39	193383	SHIM - .443 I.D. x .625 O.D. x .005	A/R
40	196318	SHIM - .443 I.D. x .625 O.D. x .003	A/R
41	401727	GRIP BAR - Paper	1
42	014215	SCREW	4
43	076100	ANCHOR - Spring	1

* Not Procurable Separately

*** Not Available As An Assembly

Parts Catalog

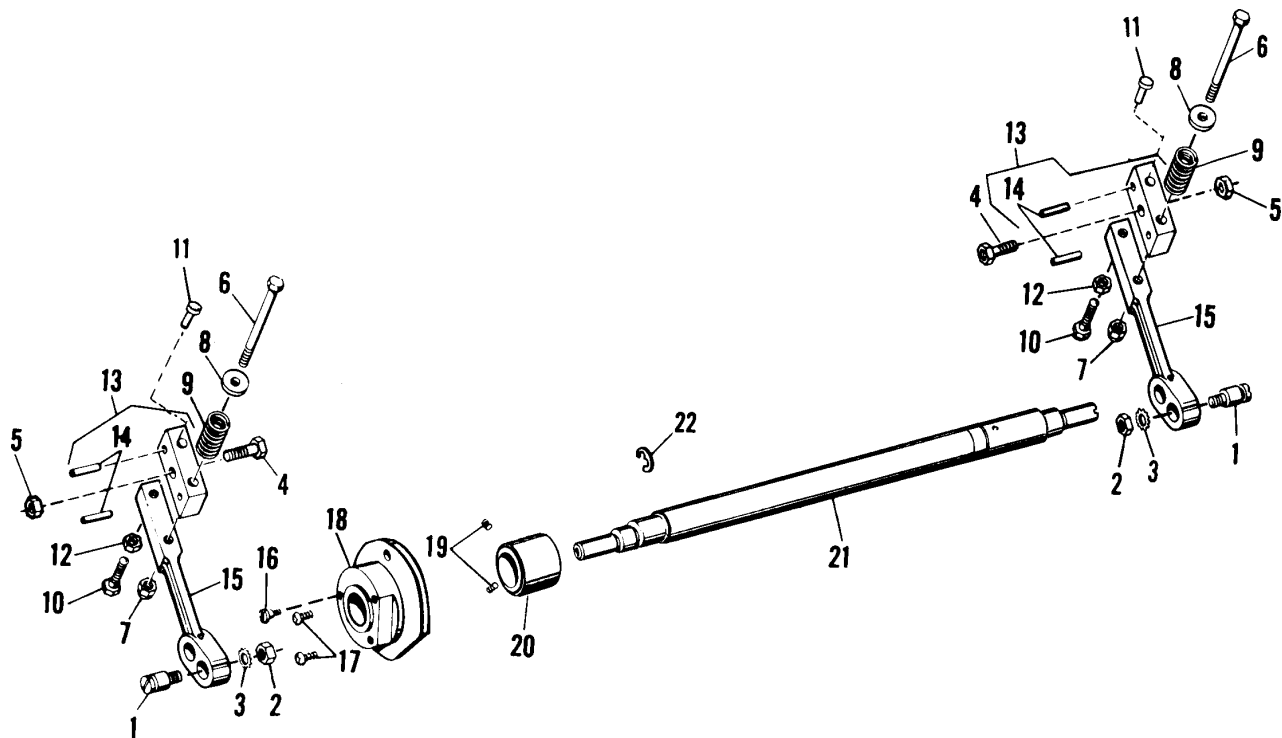


FIGURE 39
Impression Cylinder Shaft and Support Arms

Parts Catalog

Index No.	Part No.	Figure 39 Description	Units Per Assy.
1	080496	STUD - Support Arm	2
2	001845	NUT - 3/8-24	2
3	080495	WASHER - Lock, 25/64 I.D. x 1-1/4 O.D. x .119	2
4	014121	SCREW - 3/8-24 x 1.000	2
5	150089	NUT - 3/8-24	2
6	014172	SCREW - 1/4-28 x 3/4	2
7	001821	NUT - 1/4-28	2
8	080621	GUIDE - Support Arm Spring	2
9	078728	SPRING - Compression	2
10	014173	SCREW - 5/16-18 x 1-1/4	2
11	080447	PIN - Separator	2
12	001840	NUT - 5/16-18	2
13	080486	BLOCK ASSEMBLY - Support Arm, Impression Cylinder	2
14	001981	PIN - Roll, .199 O.D. x .827 O.A.L.	2
15	080498	SUPPORT ARM - Impression Cylinder	2
16	016158	SCREW - Shoulder, 10-32 x .273	1
17	001649	SCREW - 10-32 x .500	2
18	082129	CAM ASSEMBLY - Gripper, CO	1
19	100296	SCREW - Set, 1/4-28 x .500 Sq. Hd.	2
20	082128	COLLAR	1
21	007609	SHAFT - Impression Cylinder	1
22	014517	RING - Retaining, 1.039 I.D. x .052	1

Parts Catalog

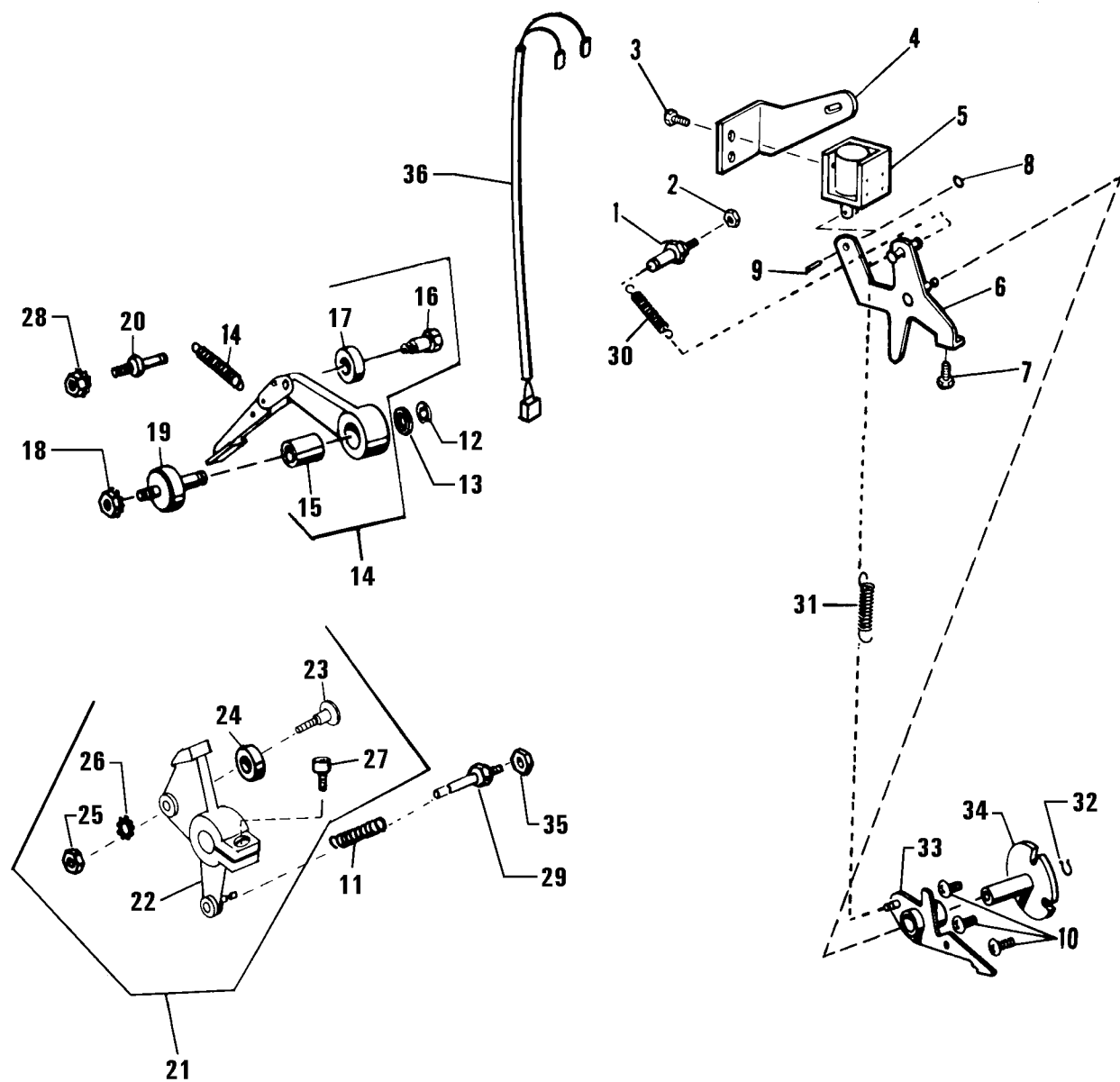


FIGURE 40
Impression Latch and Feed Solenoid

Parts Catalog

Index No.	Part No.	Figure 40 Description	Units Per Assy.
1	196236	STUD - Spring Anchor	1
2	150083	NUT - 10-32	1
3	111033	SCREW - 8-32 x 5/16	2
4	009665	BRACKET - Mounting	1
5	253375	SOLENOID - 115 VAC. 50/60 Hz.	1
6	009662	LEVER ASSEMBLY - Imp. Cyl. Latch	1
7	014174	SCREW - 10-32 x 5/8	1
8	014515	RING - Vinyl, .080 I.D. x .160	2
9	190713	PIN - Solenoid Link	1
10	111054	SCREW - 10-32 x 1/2	3
11	072442	SPRING - Tension, .343 O.D. x 2.000 O.A.L.	2
12	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	1
13	014727	WASHER - .385 I.D. x .760 O.D. x .032	1
14	072362	POWER LEVER ASSEMBLY - Impression Cylinder	1
15	001446	BUSHING - .503 O.D. x .379 I.D. x .875 O.A.L.	1
16	192323	SCREW - Eccentric, 1/4-28 x 1/4	1
17	072367	TRUCK	1
18	150085	NUT - 1/4-28	2
19	196237	STUD - Power Lever	1
20	072413	SPRING ANCHOR - Power Lever	1
21	072354	LEVER ASSEMBLY - Impression Cyl. Separator	1
22	071561	LEVER - Impression Cyl. Separator	1
23	072357	PIN - Eccentric	1
24	072358	TRUCK - Impression Cyl. Separator Lever	1
25	001818	NUT - 1/4-28	1
26	001740	WASHER - Lock, .267 I.D. x .506 O.D. x .030	1
27	100891	SCREW - 1/4-20 x 1.000	1
28	014808	NUT - 10-32	1
29	196235	STUD - Spring, 1-13/16 O.A.L.	1
30	064673	SPRING - Tension, .375 O.D. x 1.375 O.A.L.	1
31	041774	SPRING - Tension, .250 O.D. x .781 O.A.L.	1
32	001046	RING - Retaining, .283 I.D. x .027	2
33	009664	LEVER ASSEMBLY - Impression Cyl. Latch Lever	1
34	072378	BEARING - Impression Cyl. Latch Lever	1
35	014248	NUT - 10-32	1
36	022833	CABLE ASSEMBLY - Impression Sol. 36"	1

Parts Catalog

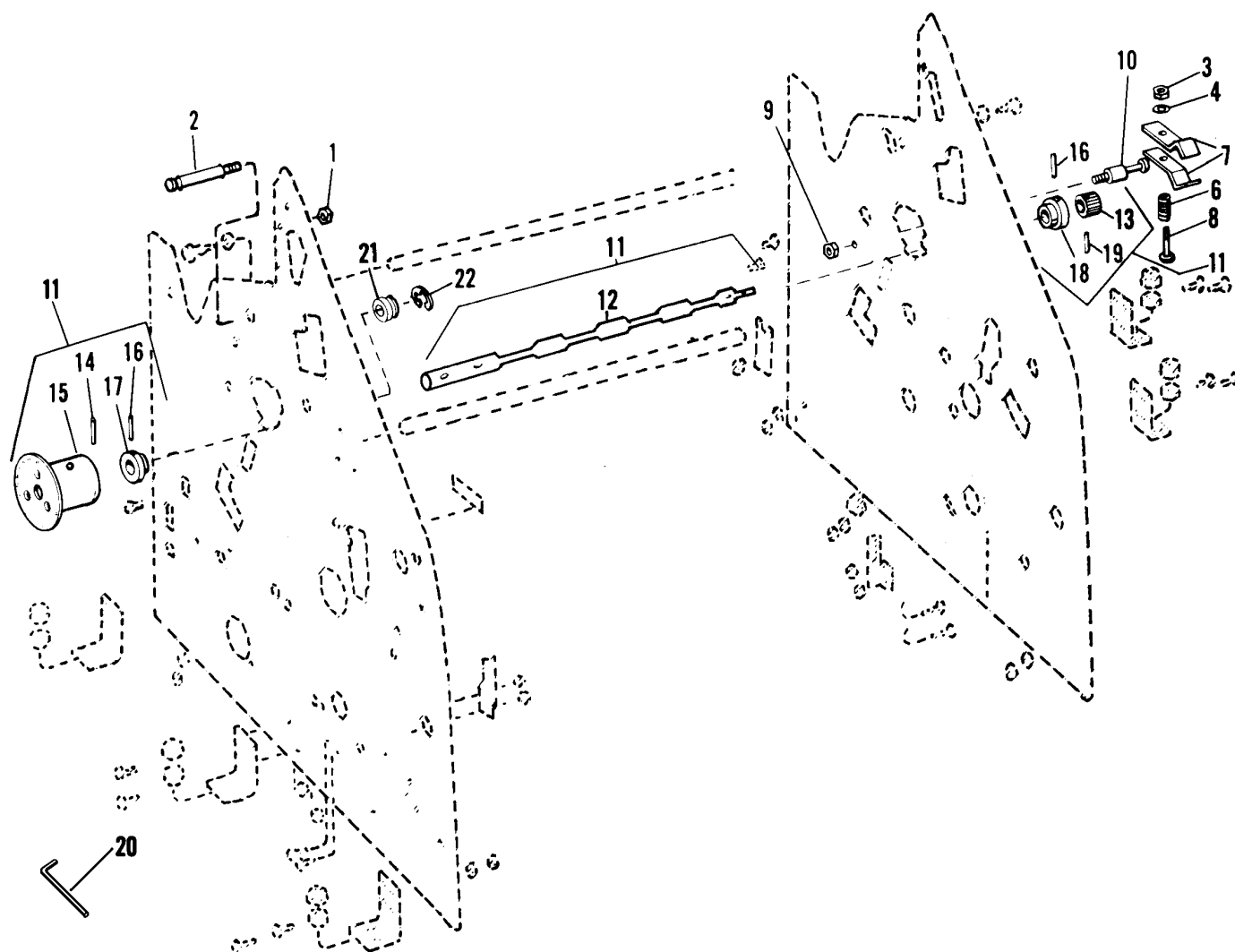


FIGURE 41
Impression Cylinder Gap Control - Part I

Parts Catalog

Index No.	Part No.	Figure 41 Description	Units Per Assy.
1	014808	NUT - 10-32	1
2	190768	STUD - 10-32	1
3	101051	NUT - 10-32	1
4	001702	WASHER - .195 I.D. x .500 O.D. x .029	1
6	077836	SPRING - Compression, .400 O.D. x .718 O.A.L.	1
7	080452	CLAMP - W/Teeth	2
8	077301	SCREW - Shoulder, 10-32	1
9	150085	NUT - 1/4-28	1
10	193323	STUD - 1/4-28	1
11	403796	SHAFT ASSEMBLY - Gap Control	1
12	*017816	SHAFT - Gap Control	1
13	073551	DRAG - Gap Clamp	1
14	141573	PIN - Roll, .199 O.D. x .890 O.A.L.	1
15	*072169	DIAL	1
16	001992	PIN - Roll, .135 O.D. x 1.015 O.A.L.	2
17	080448	CAM - R.H.	1
18	080449	CAM - L.H.	1
19	001980	PIN - Roll, .135 O.D. x .640 O.A.L.	1
20	195421	Allen Key For Adjusting Gap Control	1
21	195142	PULLEY - Nylon	1
22	100110	RING - Retaining, .474 I.D. x .768 O.D. x .053	1

* Not Procurable Separately

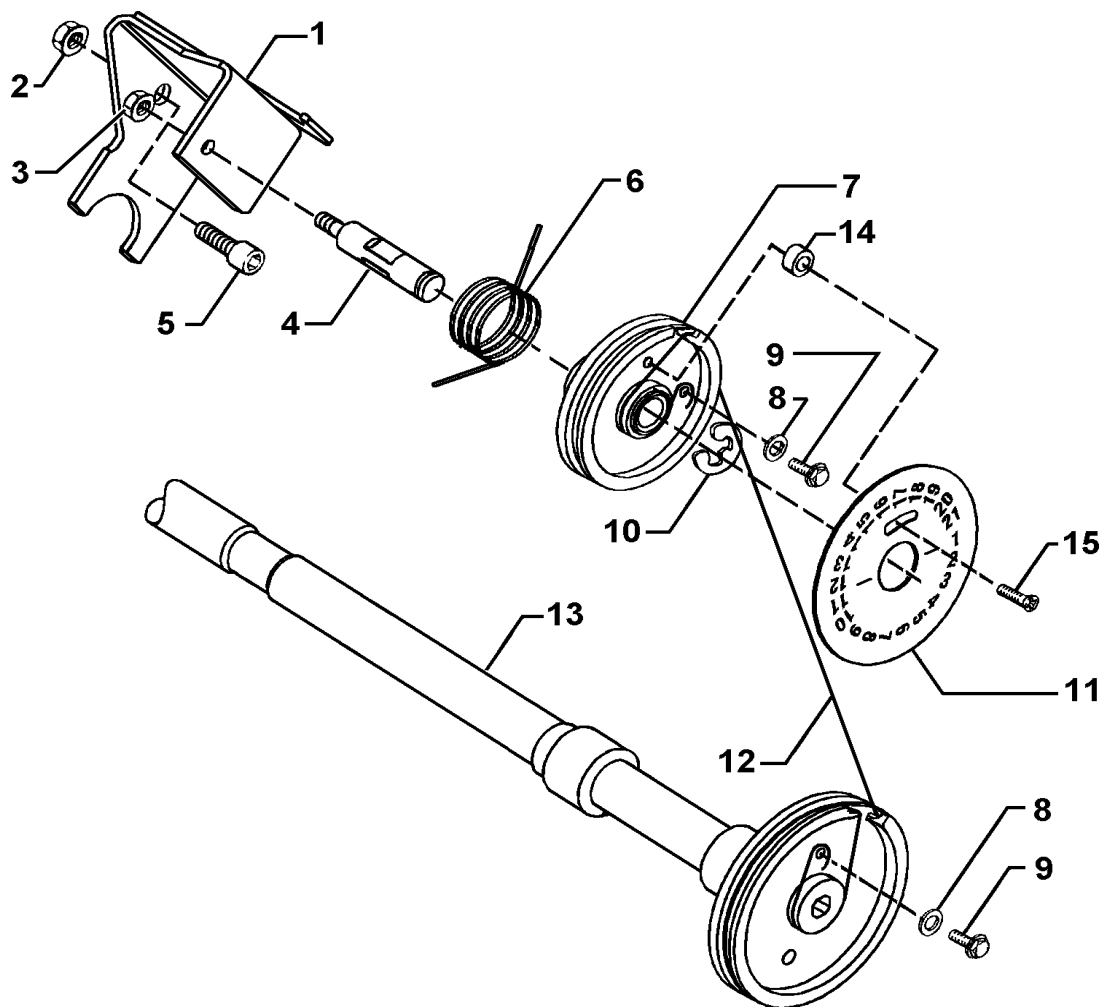


FIGURE 42
Impression Cylinder Gap Control - Part II

Parts Catalog

Index No.	Part No.	Figure 42 Description	Units Per Assy.
1	403790	PULLEY BRACKET	1
2	150085	NUT - # 4	1
3	150083	LOCK NUT # 3	1
4	403791	STUD	1
5	111073	SCREW - # 8	1
6	197615	SPRING Torsion.	1
7	403793	PULLEY	1
8	005545	WASHER - # 25	2
9	100685	SCREW - Hex Washer, 6-32 X 3/8 Zinc	2
10	001095	RING - # 40	1
11	403795	DIAL	1
12	403794	CABLE	1
13	403796	PULLEY & CAM ASSEMBLY	1
14	197628	SPACER	1
15	100347	SCREW # 6	1

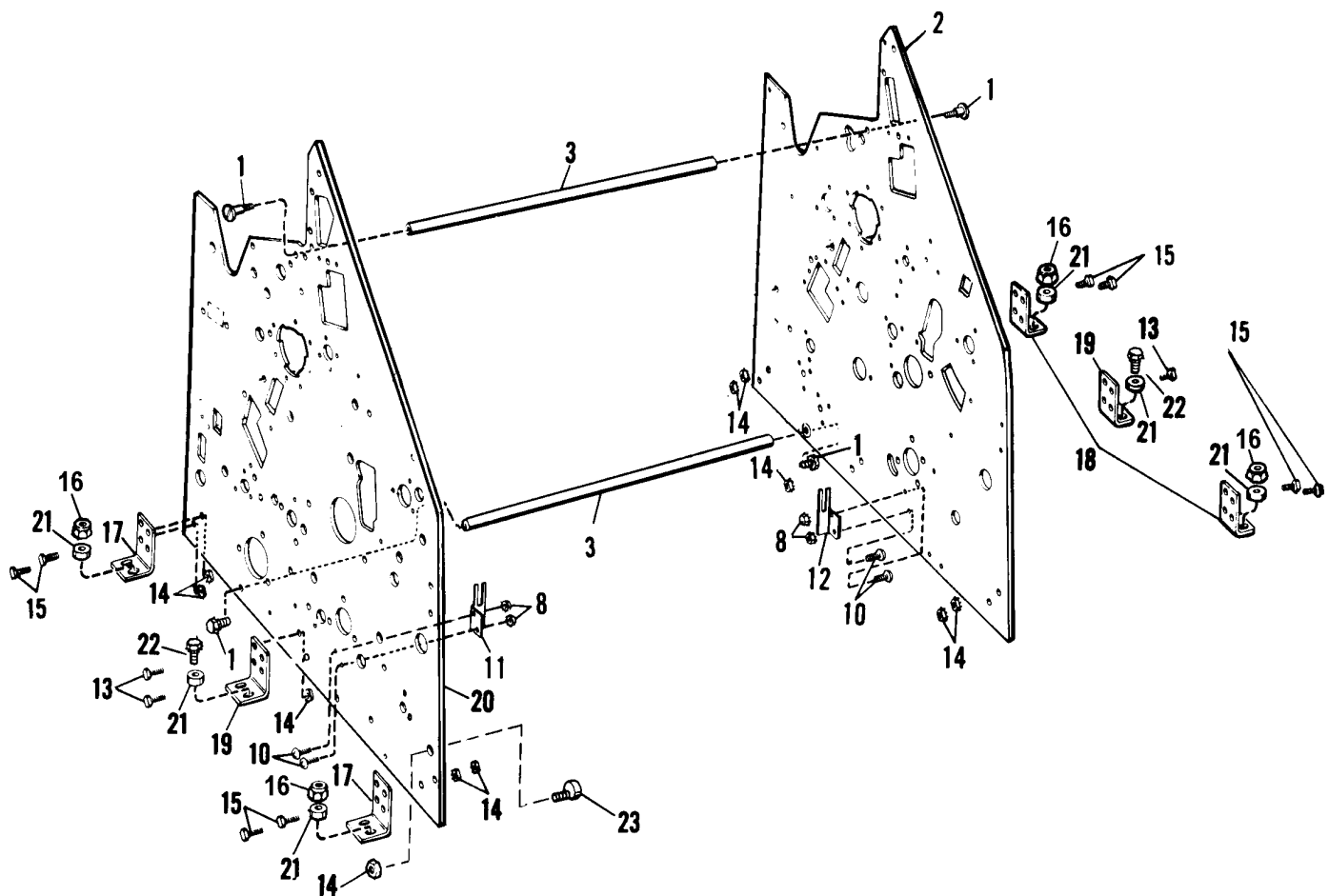


FIGURE43
Mid Section Side Frames

Parts Catalog

Index No.	Part No.	Figure 43 Description	Units Per Assy.
1	193601	SCREW - Shoulder, 5/16-24	4
2	016205	FRAME - Machine, N.O.S.	1
3	007575	TIE BAR - CD	2
8	150081	NUT - 8-32	4
10	111036	SCREW - 8-32 x 1/2	4
11	072055	GUARD - R.H.	1
12	072056	GUARD - L.H.	1
13	111073	SCREW - 2/4-28 x 5/8	3
14	150085	NUT - 1/4-28	12
15	196393	SCREW - Dowel, 1/4-28 x 5/8	8
16	001824	NUT - Lock, 5/16-18	4
17	011055	BRACKET - Foot, O.S.	2
18	011056	BRACKET - Foot, N.O.S.	2
19	011229	BRACKET - Foot, Center	2
20	016204	FRAME - Machine, O.S.	1
21	193808	SPACER - .343 I.D. x 9/16 x .125	6
22	111089	SCREW - 5/16-24 x 5/8	2
23	190116	STOP - Height Regulator	1

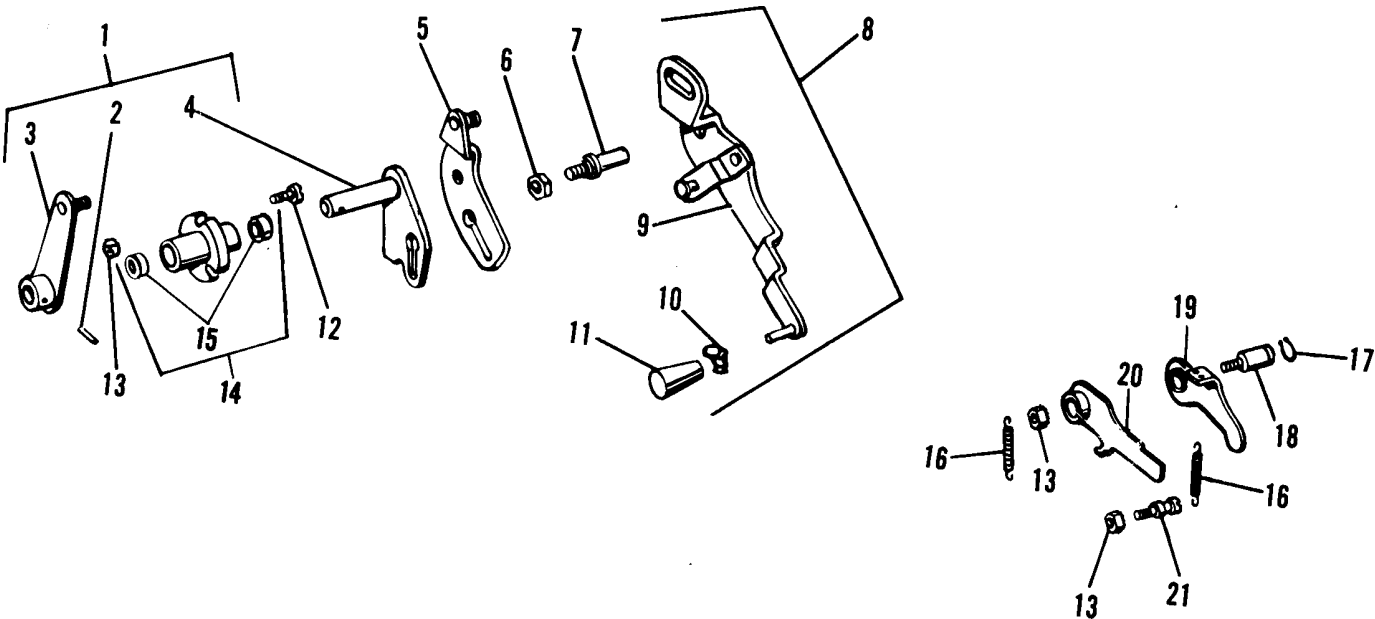


FIGURE 44
Paper Height Adjustment

Parts Catalog

Index No.	Part No.	Figure 44 Description	Units Per Assy.
1	080396	LEVER ASSEMBLY - Paper Pile Support Raising	1
2	014921	PIN - Roll, .135 O.O. x .890 O.A.L.	1
3	*080400	LEVER	1
4	*080397	LEVER	1
5	080404	LEVER - Adjusting	1
6	150085	NUT - 1/4-28	1
7	080409	PIVOT PIN	1
8	011405	LEVER ASSEMBLY - Dwell Control	1
9	081152	LEVER	1
10	072052	SPRING LOCK	1
11	011371	HANDLE	1
12	015034	SCREW - 10-32 x 1/2	3
13	150083	NUT - 10-32	5
14	080402	BEARING ASSEMBLY - Paper Pile Support Raising Lever	1
15	001412	BUSHING - .441 I.D. x .565 O.D. x .375 O.A.L.	2
16	072511	SPRING - Tension, .250 O.D. x 1.125 O.A.L.	2
17	001047	RING - Retaining, .340 I.D. x .033	1
18	072481	STUD - 10-32	1
19	072478	LEVER ASSEMBLY - Contact	1
20	080032	LEVER ASSEMBLY - Lower Latch	1
21	072482	SPRING ANCHOR - Contact Levee Spring	1

* Not Procurable Separately

Parts Catalog

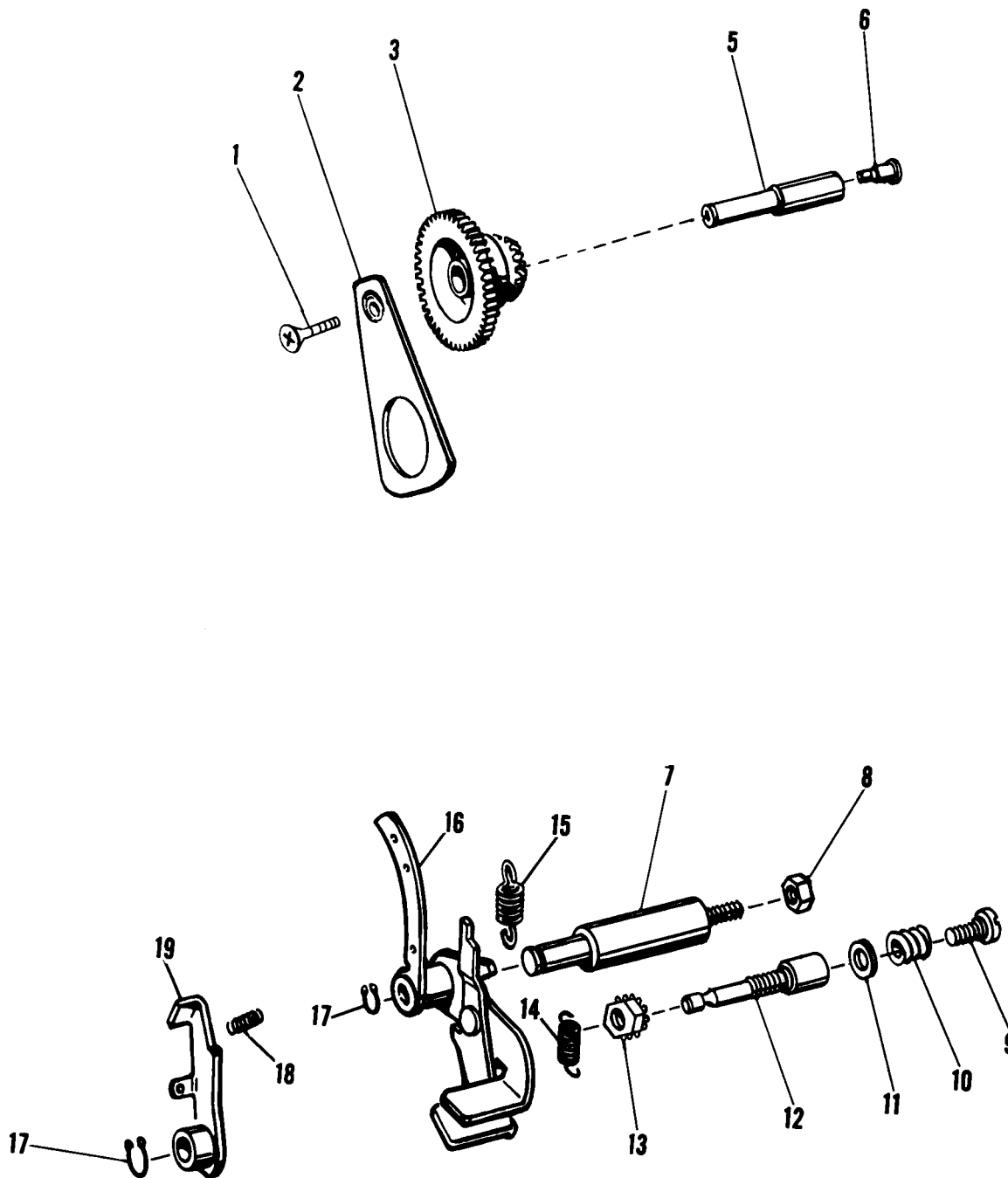


FIGURE 45
Paper Pile Support Release Lever

Parts Catalog

Index No.	Part No.	Figure 45 Description	Units Per Assy.
1	001542	SCREW - 10-32 x 7/16	1
2	080184	PLATE	1
3	072561	MITER AND SPUR GEAR	1
5	007937	STUD - Miter and Spur Gear	1
6	194805	SCREW - Shoulder, 3/8-24	1
7	072610	STUD - Paper Pile Support Release Lever, 3/8-24	1
8	150089	NUT - 3/8-24	1
9	080408	SCREW - 5/16-24	1
10	080410	SPRING - Compression, .728 O.D. x 1.062 O.A.L.	1
11	001797	WASHER - .515 I.D. x .812 O.D. x .059	1
12	080407	STUD - Paper Pile Support Release Lever Spring	1
13	014810	NUT - 3/8-24	1
14	072626	SPRING - Tension, .300 O.D. x .937 O.A.L.	1
15	041291	SPRING - Tension, .343 O.D. x .968 O.A.L.	1
16	013827	PAPER PILE SUPPORT RELEASE LEVER ASSEMBLY	1
17	001047	RING - Retaining, .340 I.D. x .027	2
18	041777	SPRING - Compression, .312 O.D. x 1.344 O.A.L.	1
19	072484	UPPER LATCH LEVER	1

Parts Catalog

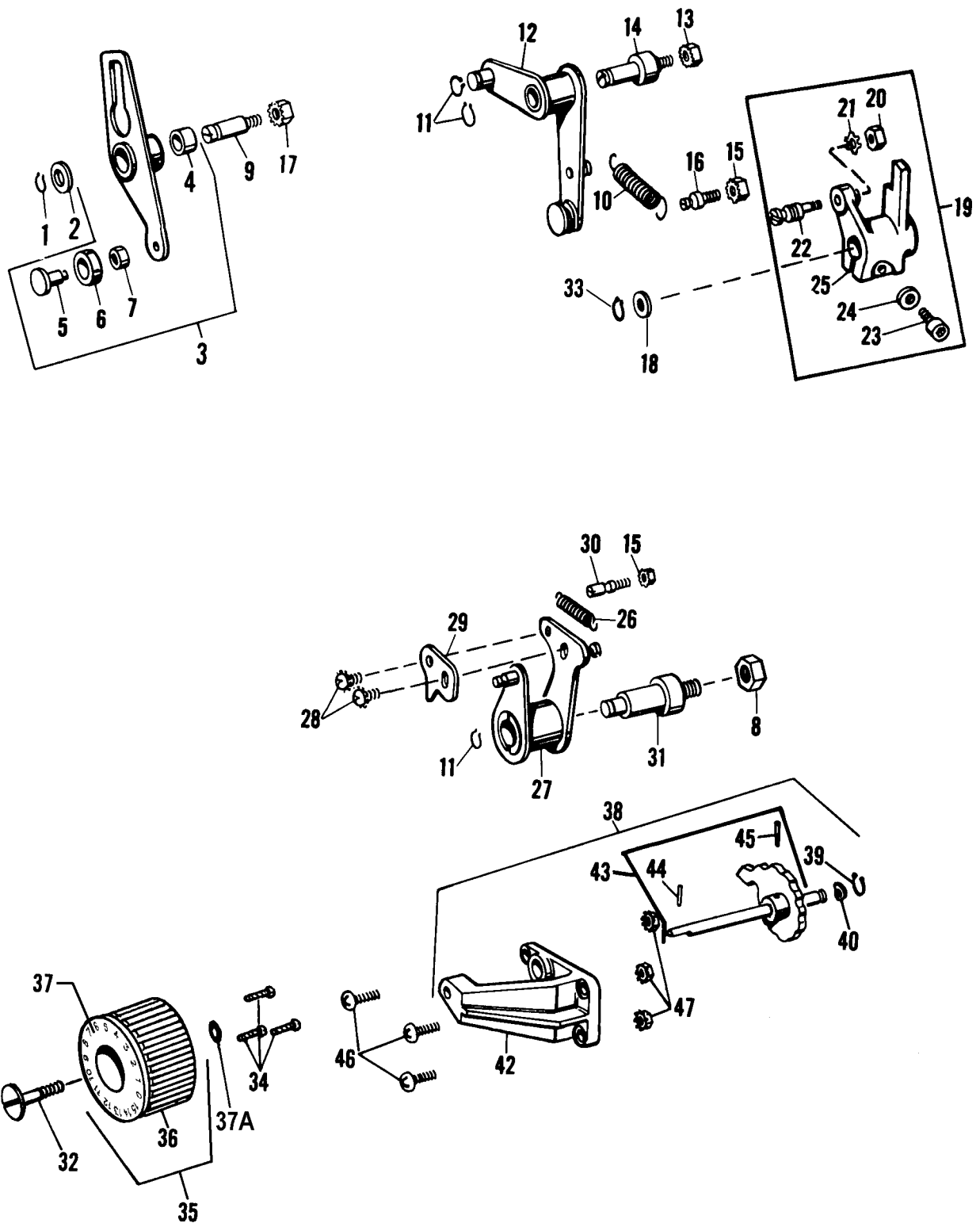


FIGURE 46
Buckle Adjusting and Lever Assemblies

Parts Catalog

Index No.	Part No.	Figure 46 Description	Units Per Assy.
1	001075	RING - Retaining, .397 I.D. x .027	1
2	190149	WASHER - .441 I.D. x .687 O.D. x .029	1
3	007743	LEVER ASSEMBLY - Forwarding	1
4	001493	BUSHING	1
5	*072790	RIVET	1
6	072176	TRUCK	1
7	072175	BUSHING	1
8	150089	NUT - 3/8-24	1
9	190110	STUD - Forwarding Lever Assembly	1
10	078744	SPRING - Tension, .406 O.D. x 1.937 O.A.L.	1
11	001047	RING - Retaining, .340 I.D. x .027	3
12	072199	HUB ASSEMBLY - Buckle Adjustment	1
13	150085	NUT - 1/4-28	1
14	072201	STUD - Buckle Adjustment Hub	1
15	014808	NUT - 10-32	2
16	072186	SPRING ANCHOR - Buckle Adjustment Hub Spring	1
17	001847	NUT - 3/8-24	1
18	016574	WASHER - .315 I.D. x .687 O.D. x .047	1
19	072382	LEVER ASSEMBLY - Counter Operating	1
20	014844	NUT - 8-32	1
21	001722	WASHER - Lock, .172 I.D. x .375 O.D. x .020	1
22	072427	PIN - Eccentric	1
23	014219	SCREW - 1/4-20 x 3/4	1
24	005071	WASHER - .253 I.D. x .500 O.D. x .059	1
25	072383	LEVER - Counter Operating, (M-9865/69)	1
26	073333	SPRING - Tension, .296 O.D. x 1.187 O.A.L.	1
27	072488	LEVER ASSEMBLY - Double	1
28	001691	SCREW - 10-32 x 1/4	2
29	072491	PLATE - Contacting Regulator	1
30	072482	SPRING ANCHOR - Double Lever Spring	1
31	080153	STUD - Double Lever	1
32	196247	SCREW - Special, 10-32 x 1-1/8	1
33	001062	RING - Retaining, .258 I.D. x .027	1
34	014529	SCREW - Drive, # 2 x 1/4	3
35	403740	KNOB ASSEMBLY - Buckle Adjust	1
36	017738	KNOB - Buckle Adjust	1
37	403753	METAL CAL - Buckle Adjustment	1
37A	039642	RING - Vinyl, .155 I.D. x .075	1
38	076605	CAM SHAFT AND HOUSING ASSEMBLY	1
39	001046	RING - Retaining, .283 I.D. x .027	1
40	195645	WASHER - Spring, .324 I.D. x .510 O.D. x .085	1
42	072207	HOUSING ASSEMBLY - Cam	1
43	072205	SHAFT ASSEMBLY - Cam	1
44	001990	PIN - Roll, .135 O.D. x .515 O.A.L.	1
45	014902	PIN - Taper, .110 O.D. x .720 O.A.L.	1
46	014149	SCREW - 10-32 x 11/16	3
47	150083	NUT - 10-32	3

* Not Procurable Separately

Parts Catalog

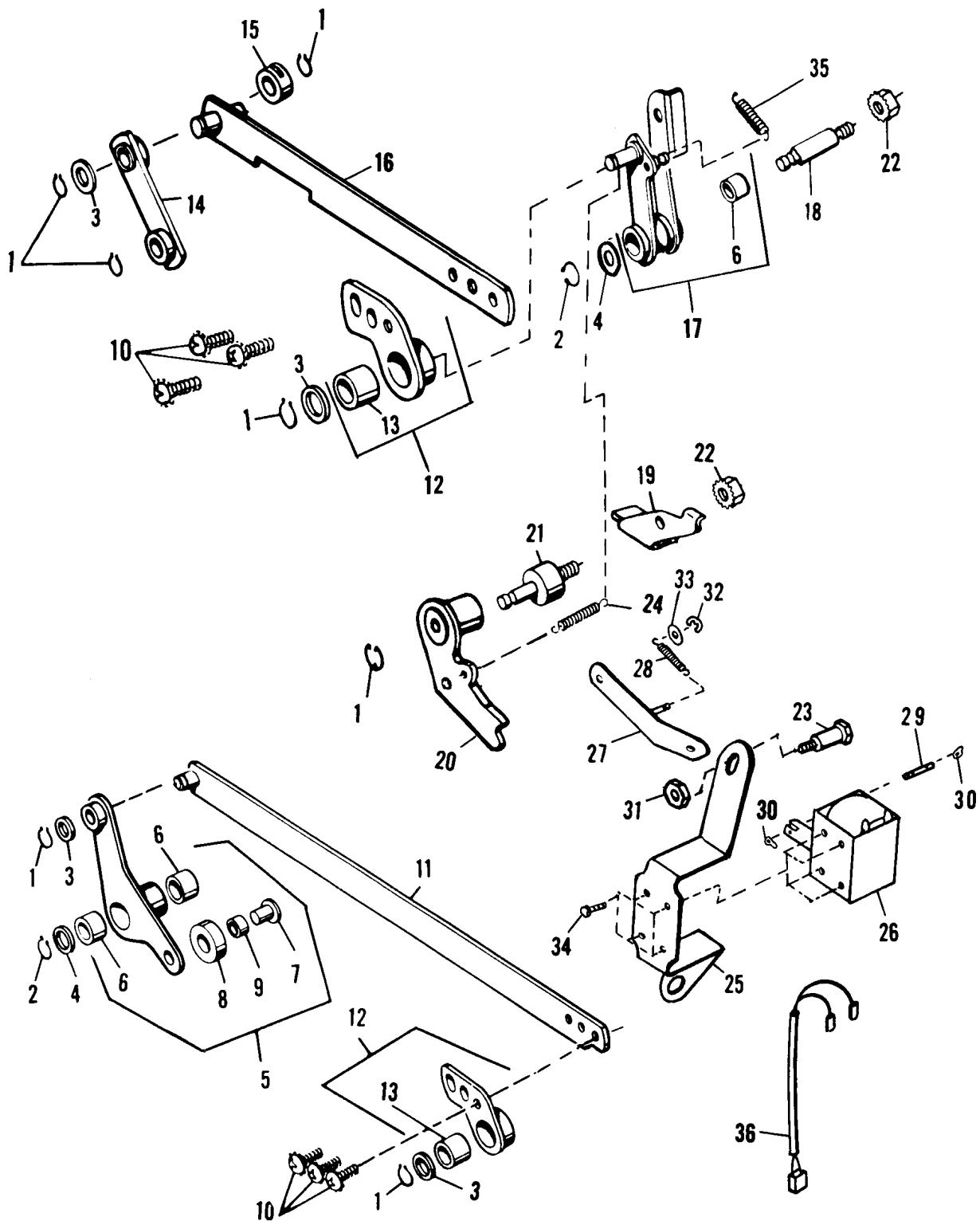


FIGURE 47
Feed Solenoid and Link Assemblies

Parts Catalog

Index No.	Part No.	Figure 47 Description	Units Per Assy.
1	001047	RING - Retaining, .340 I.D. x .027	7
2	001075	RING - Retaining, .397 I.D. x .027	1
3	014703	WASHER - .384 I.D. x .562 O.D. x .029	4
4	190149	WASHER - .441 I.D. x .687 O.D. x .029	2
5	072177	LEVER ASSEMBLY - Follower, Feed	1
6	001412	BUSHING - .441 I.D. x .565 O.D. x .375 O.A.L.	2
7	*072790	RIVET	1
8	072176	ROLLER	1
9	072175	BUSHING - .220 I.D. x .313 O.D. x .324 O.A.L.	1
10	111035	SCREW - 8-32 x 7/16	6
11	072243	LINK ASSEMBLY - Feed, Long	1
12	072233	ADJUSTING PLATE ASSEMBLY	2
13	001404	BUSHING - .379 I.D. x .504 O.D. x .500	2
14	072189	LINK ASSEMBLY - Buckle Adjusting	1
15	072210	BEARING - .380 I.D. x .750 O.D.	1
16	072230	LINK ASSEMBLY - Forwarding, Short	1
17	072239	LEVER ASSEMBLY - Feed Forwarding	1
18	196233	STUD - Lever	1
19	076887	BRACKET - Stop	1
20	009530	LATCH ASSEMBLY	1
21	072534	STUD - Eccentric	1
22	150085	NUT - 1/4-28	2
23	195140	SCREW - Shoulder	1
24	196469	SPRING - Tension, 19/64 O.D. x 1 17/32 O.A.L.	1
25	403897	SOLENOID BRACKET	1
26	253578	FEED SOLENOID - 115 VAC. 50/60/Hz.	1
27	009531	LINK	1
28	192181	SPRING	1
29	190713	PIN - Solenoid	1
30	014515	RING - Plastic, .080 I.D. x .160 O.D. x .025	2
31	014807	NUT - 1/4-28	1
32	014504	RING - Retaining, .146 I.D. x .027	1
33	021563	WASHER - .194 I.D.	1
34	111033	SCREW - 8-32 x 5/16	2
35	072442	SPRING - Tension, .343 O.D. x 2.000 O.A.L.	1
36	022824	CABLE ASSEMBLY - Feed Sol. 16"	1

* Not Procurable Separately

Parts Catalog

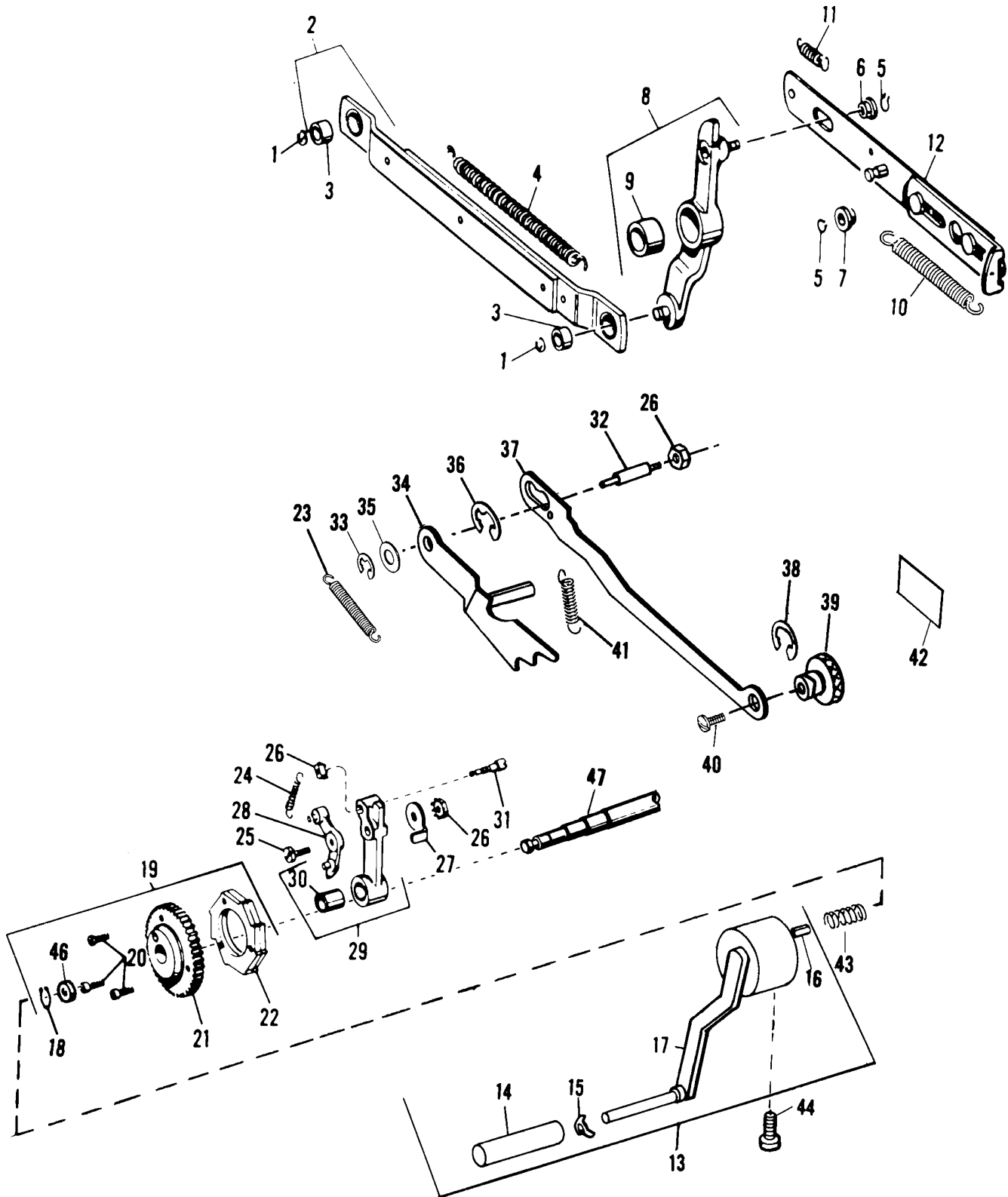


FIGURE 48
Feed Mechanism and Power Link

Parts Catalog

Index No.	Part No.	Figure 48 Description	Units Per Assy.
1	001095	RING - Retaining, .245 I.D. x .500 O.D. x .027	2
2	073373	LINKASSEMBLY	1
3	001472	BUSHING	2
4	073381	SPRING - .500 O.D. x 4.687 O.A.L.	1
5	001049	RING - Retaining, .227 I.D. x .027	2
6	072471	BUSHING	1
7	072472	BUSHING	1
8	072589	LEVERASSEMBLY	1
9	001469	BUSHING	1
10	072512	SPRING - .343 O.D. x 3.031 O.A.L.	1
11	041777	SPRING - .312 O.D. x 1.344 O.A.L.	1
12	072504	LINKASSEMBLY	1
13	083432	HAND CRANK ASSEMBLY	1
14	017715	HANDLE	1
15	003042	SPRING LOCK	1
16	014909	PIN - Roll, .264 O.D. x .702 O.A.L.	1
17	*	HAND CRANK WITH STUD	1
18	001048	RING - Retaining, .463 I.D. x .037	1
19	017644	RATCHET AND GEAR ASSEMBLY - 32 Tooth	1
20	014158	SCREW - 10-32 x 1/2	1
21	080144	GEAR	1
22	017645	RATCHET - 32 Tooth	1
23	072544	SPRING - .406 O.D. x 3.125 O.A.L.	1
24	064590	SPRING - .218 O.D. x .937 O.A.L.	1
25	072586	SCREW - Shoulder, 1/4-28	1
26	150085	NUT - 1/4-28	1
27	072580	ANCHOR - Spring	1
28	017647	PAWL ASSEMBLY	1
29	072576	LEVERASSEMBLY	1
30	001470	BUSHING	1
31	072579	STUD - Spring	1
32	072621	STUD	1
33	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	1
34	075836	PAWL	1
35	192202	WASHER - .385 I.D. x .625 O.D. x .010	1
36	001094	RING - Retaining, .388 I.D. x .800 O.D. x .040	1
37	010142	LINK	1
38	001785	RING - Crescent, .880 I.D. x 1.130 O.D. x .044	1
39	017125	KNOB	1
40	054147	SCREW - Shoulder, 8-32	1
41	006987	SPRING - .296 O.D. x 1.468 O.A.L.	1
42	017783	METAL CAL	1
43	190329	SPRING - Compression, 13/32 O.D. x 3/8 O.A.L.	1
44	072620	SCREW - Shoulder, 10-32	1
46	194868	SPACER - .520 I.D. x .687 O.D. x .125	1
47	017151	SHAFT ASSEMBLY - Paper Pile Support Raise	1

* Not Procurable Separately

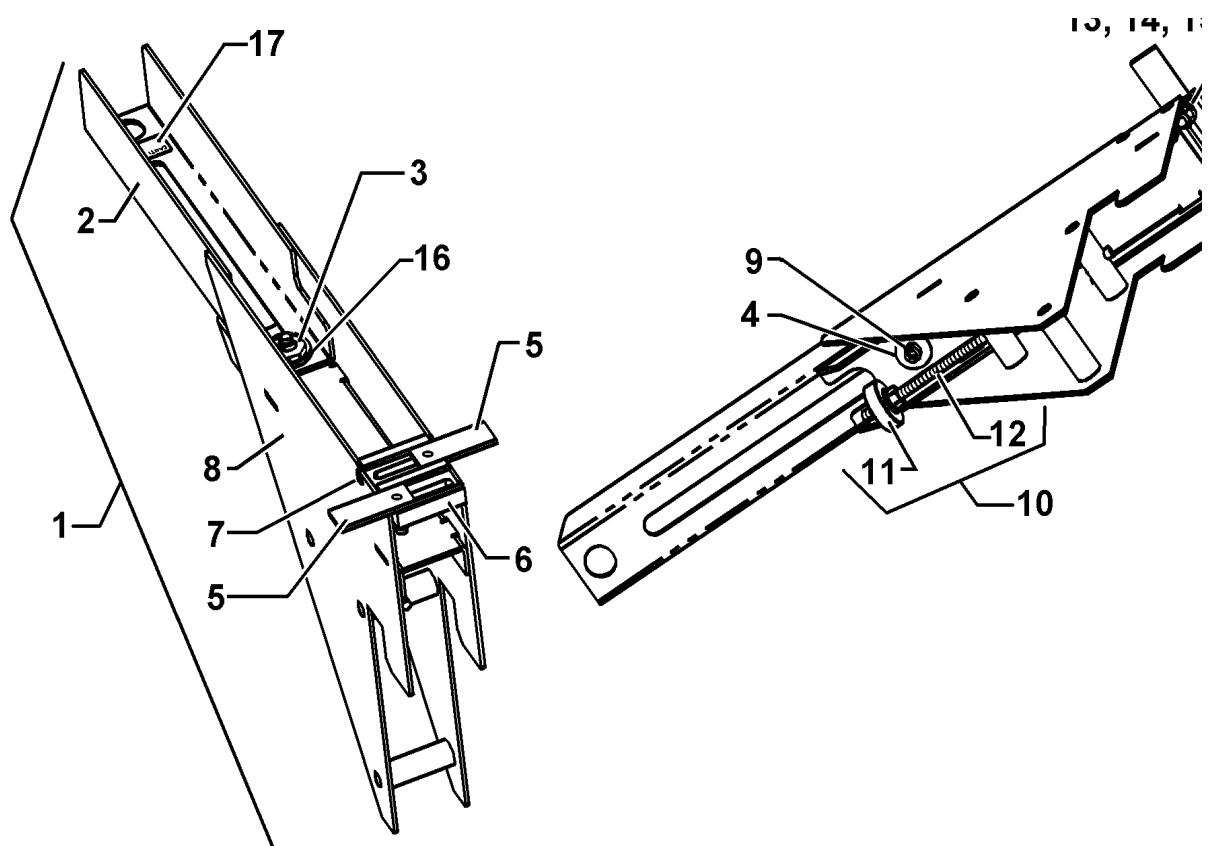


FIGURE 49
Paper Pile Support Raising Mechanism

Parts Catalog

Index No.	Part No.	Figure 49 Description	Units Per Assy
1	076607	MITER AND WORM GEAR ASSEMBLY	1
1A	072569	GEAR ASSEMBLY	1
2	001976	PIN - Spiral, .182 O.D. x .822 O.A.L.	1
3	*081607	GEAR - Bevel	1
4	001920	PIN - Taper, .149 O.D. x .786 O.A.L.	1
5	*072572	GEAR - Worm	1
6	*072574	SHAFT	1
7	072570	BRACKET - Miter and Worm	1
8	072575	SCREW - 1/4-28	2
9	001555	SCREW - 10-32 x 1/2	6
10	014248	NUT - 10-32	6
11	072599	BEARING ASSEMBLY	2
13	402466	SHAFT ASSEMBLY - Paper Pile Support Raising	1
14	149385	PIN - Spiral, .152 O.D. x 1.250 O.A.L.	1
15	*072595	GEAR - Worm	1
16	001936	PIN - Taper, 1.250 O.A.L.	2
17	*072041	SPROCKET	2
18	*017150	SHAFT	1
19	072035	CHAIN ASSEMBLY - Paper Pile Support Raising	2
20	071576	LINK - Master	1
21	072077	WEIGHT ASSEMBLY	2
22	194835	HOOK	1

* Not Procurable Separately

Parts Catalog

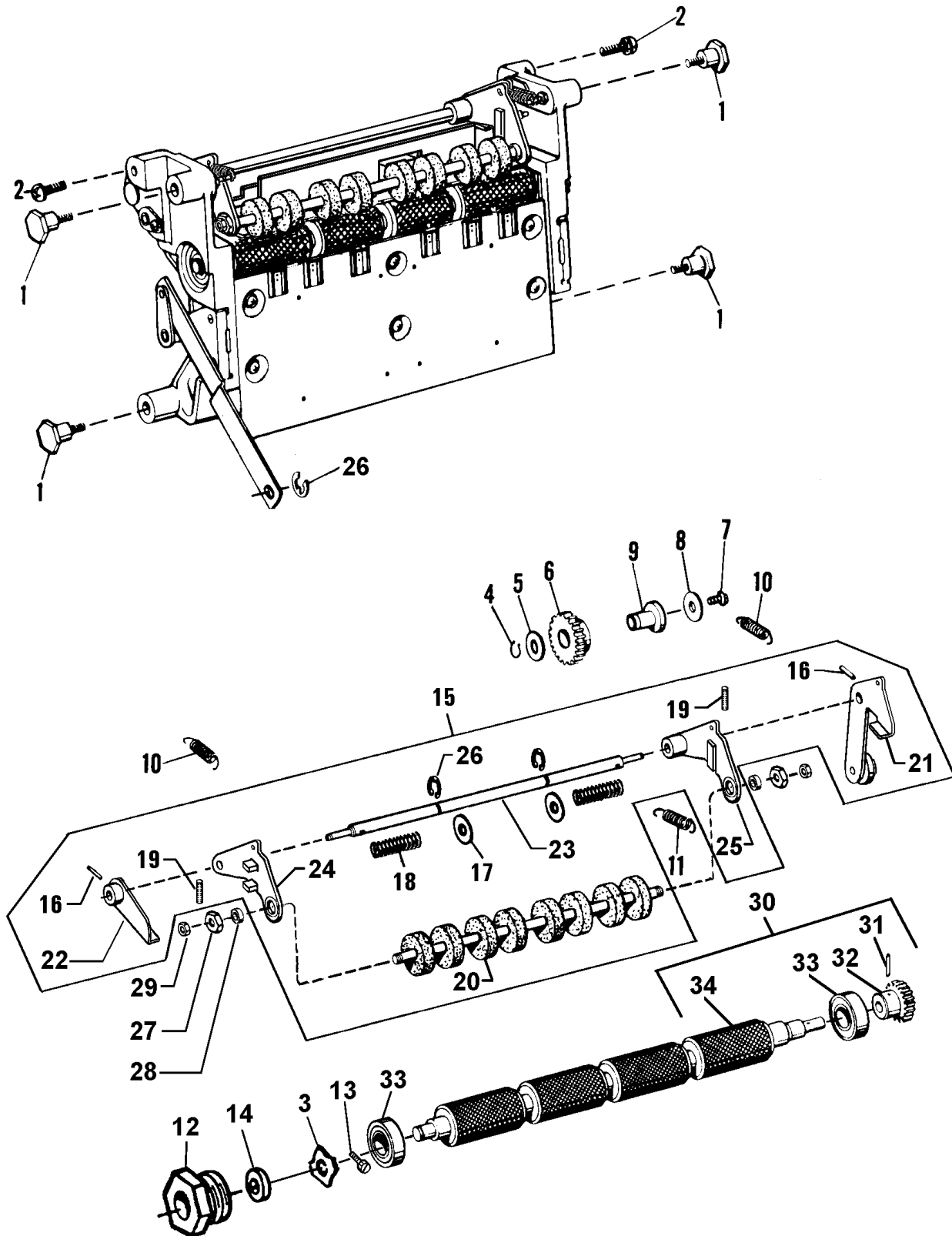


FIGURE 50
Main Tie Bar Assembly - Part I

Parts Catalog

Index No.	Part No.	Figure 50 Description	Units Per Assy.
1	072154	SCREW - Shoulder	4
2	111073	SCREW - 1/4-28 x 5/8	2
3	196780	SPRING - Wave	1
4	001047	RING - Snap, .340 I.D. x .027	1
5	014727	WASHER - .380 I.D. x .750 O.D. x .029	1
6	072126	GEAR ASSEMBLY - Idler	1
7	111074	SCREW - 1/4-28 x 3/4	1
8	016572	WASHER - .255 I.D. x .875 O.D. x .059	1
9	072220	STUD	1
10	041776	SPRING - Tension, .343 O.D. x 1.375 O.A.L.	2
11	050435	SPRING - Tension, .250 O.D. x 1.375 O.A.L.	1
12	022758	CAP - Bearing	1
13	022842	SCREW	
14	196790	BEARING - Thrust, 5/16 I.D. x 11/16 O.D. x 7/32	1
15	022778	SHAFT ASSEMBLY - Operating Lever	1
16	100554	PIN - Roll, .136 O.D. x .760 O.A.L.	2
17	001755	WASHER - .385 I.D. x .625 O.D. x .047	2
18	196444	SPRING - Compression, .382 I.D. x 1-5/32 O.A.L.	2
19	196784	SCREW - Set, 10-32 x 1"	2
20	022779	SEGMENT ROLLER ASSEMBLY	1
21	*022763	OPERATING LEVER ASSEMBLY - L.H.	1
22	*022762	LEVER ASSEMBLY - R.H.	1
23	*022775	SHAFT	1
24	022766	LEVER ASSEMBLY - Segment Roll, O.S.	1
25	022767	LEVER ASSEMBLY - Segment Roll, N.O.S.	1
26	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	4
27	022772	RETAINER - Nut, 13/16-32	2
28	196783	BEARING - Ball, 1/4 I.D. x .5/8 O.D. O.A.L.	2
29	022773	NUT - Special, 1/4-28	2
30	022759	ROLLER ASSEMBLY	1
31	100554	PIN	1
32	*072125	GEAR	1
33	072124	BEARING - Lower Forwarding Roller	1
34	*007648	ROLLER - Lower Forwarding	1

* Not Procurable Separately

Parts Catalog

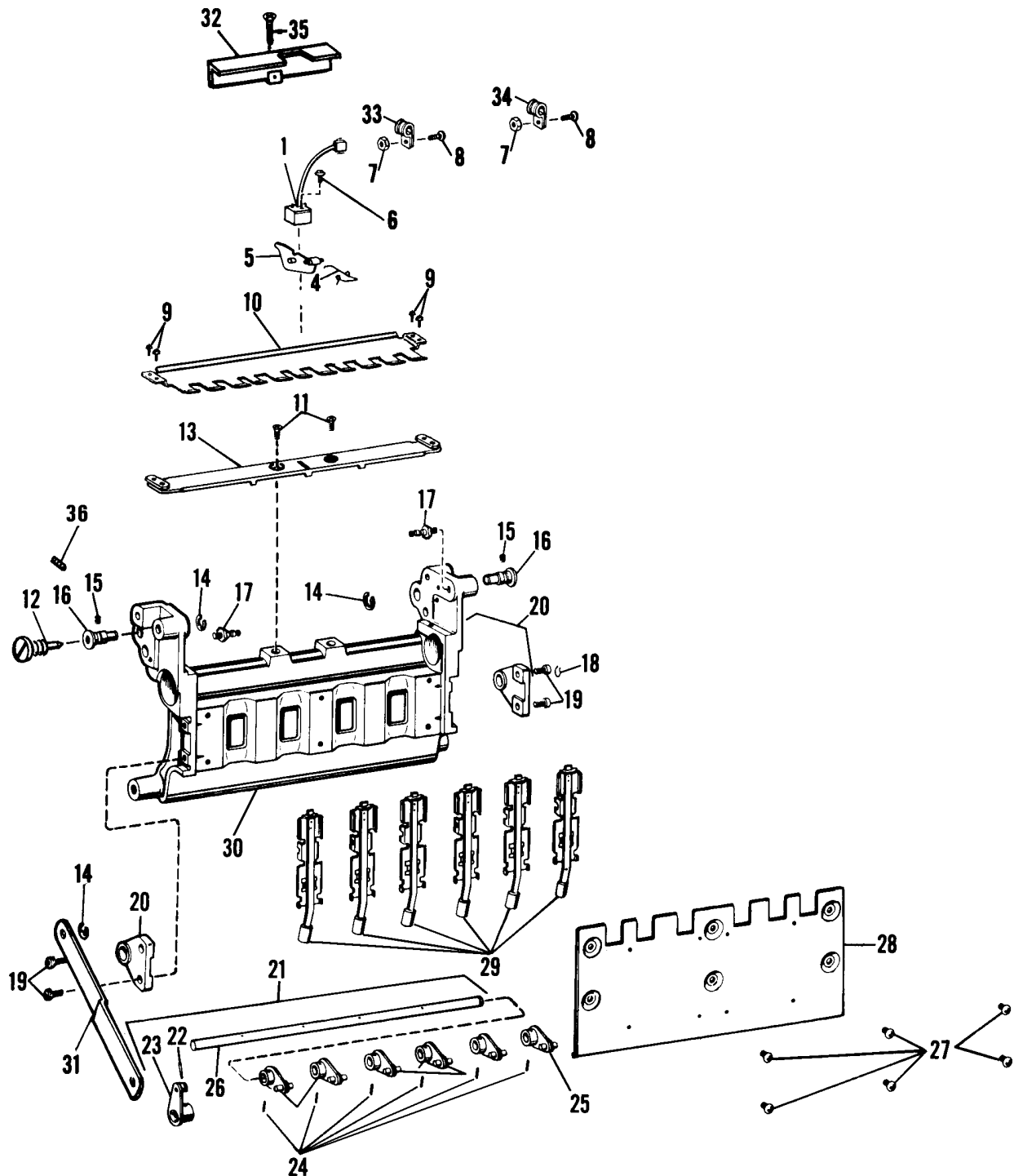


FIGURE 51
Main Tie Bar Assembly - Part II

Parts Catalog

Index No.	Part No.	Figure 51 Description	Units Per Assy.
1	009532	PAPER SENSOR	1
4	009535	SPRING - Torsion, Interrupter	1
5	009536	INTERRUPTER - Sensor	1
6	100678	SCREW - 4-40 x 5/8	1
7	014811	NUT - 8-32	2
8	014369	SCREW - 8-32 x 3/8	2
9	014359	SCREW - 8-32 x 5/8	4
10	009538	PAPER CHUTE - Upper.....	1
11	001542	SCREW - 10-32 x 7/16	1
12	022770	SCREW - Pivot	2
13	009540	PAPER CHUTE - Lower.....	1
14	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	3
15	130033	SCREW - Set, 8-32 x 1/4	2
16	022788	INSERT - Segment Roller Shaft	2
17	022771	ANCHOR - Spring	2
18	001046	RING - Snap, .283 I.D. x .027	1
19	014158	SCREW - 10-32 x 1/2	4
20	073712	BEARING BRACKET ASSEMBLY - Finger Operating.....	2
21	017133	SHAFT ASSEMBLY - Finger Operating.....	1
22	000020	PIN - Taper, .112 O.D. x .625 O.A.L.	1
23	*072134	LEVER - Finger Operating	1
24	001984	PIN - Roll, .103 O.D. x .640 O.A.L.	6
25	*072136	LEVER - Finger Operating	6
26	*007650	SHAFT - Finger Operating	1
27	001106	SCREW - 10-32 x 5/16	6
28	017134	APRONASSEMBLY	1
29	072143	FINGER AND TUBE ASSEMBLY	6
30	022761	CASTING - Main Tie Bar)	1
31	080411	LINK	1
32	018402	COVER - Plastic.....	1
33	100483	CLAMP - Cable, 1/8 I.D.	1
34	250202	CLAMP - Cable, 1/8 I.D.	1
35	122502	SCREW - 4-40 x 5/16	1
36	014372	SCREW - Set, 10-32 x 1/4	2

* Not Procurable Separately

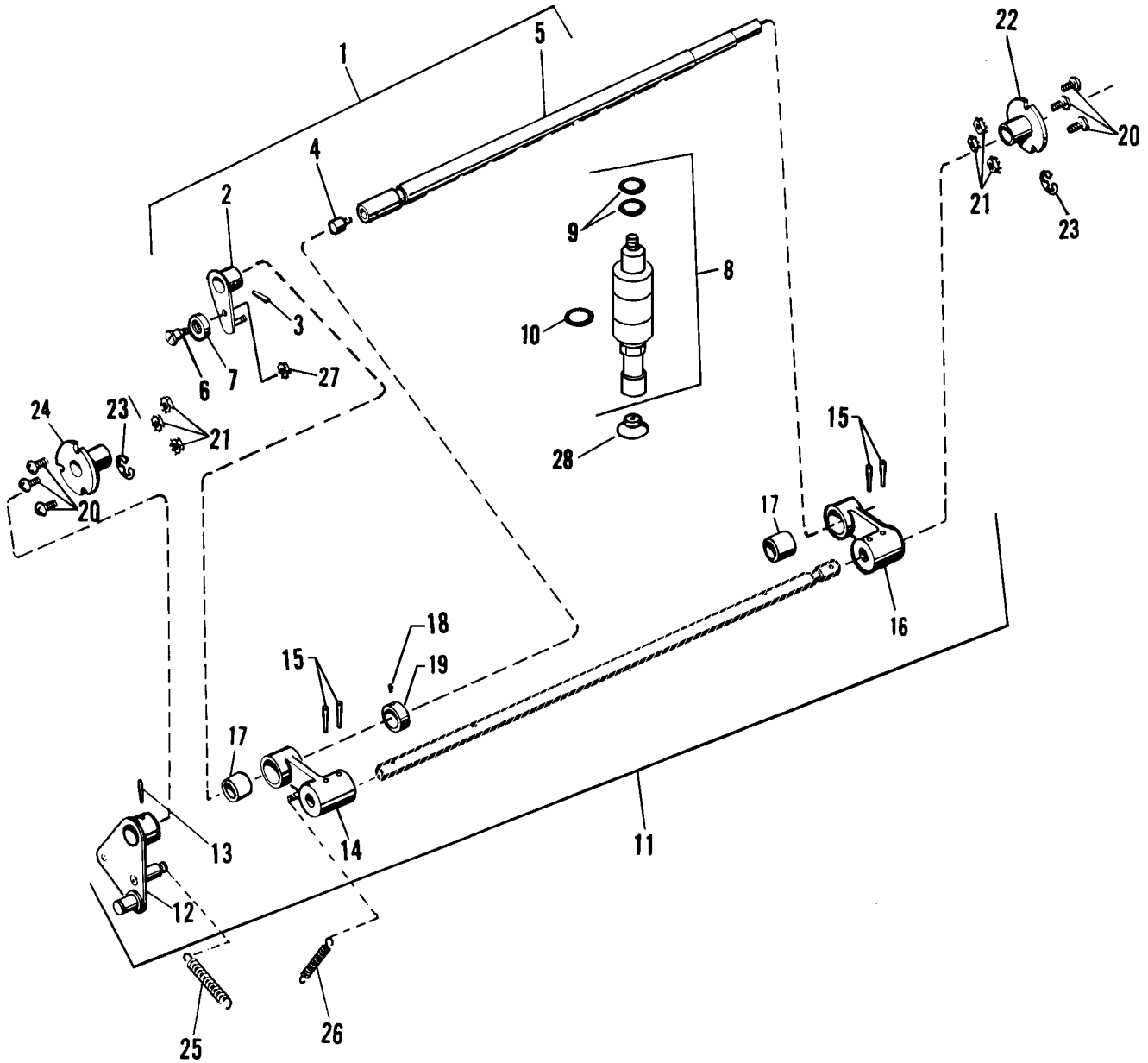


FIGURE 52
Sucker Foot Assembly

Parts Catalog

Index No.	Part No.	Figure 52 Description	Units Per Assy.
1	007601	TUBE ASSEMBLY - Header	1
2	*072710	LEVER	1
3	001956	PIN - Taper, .155 O.D. x .968 O.A.L.	1
4	073478	PLUG - Header Tube	1
5	*007602	TUBE - Header	1
6	191367	STUD - Shoulder	1
7	072712	TRUCK	1
8	403214	SUCKER TUBE	11
9	102031	"O" RING	22
10	102171	"O" RING	11
11	007563	SHAFT ASSEMBLY - Feed Raise	1
12	*072245	LEVER	1
13	101331	PIN - Roll, .167 O.D. x .890 O.A.L.	3
14	*072717	LEVER ASSEMBLY - O.S.	1
15	000014	PIN - Taper, .146 O.D. x 1.094 O.A.L.	4
16	*072720	LEVER ASSEMBLY - N.O.S.	1
17	001495	BUSHING - .609 I.D. x .817 O.D. x .750	2
18	014372	SCREW - Set, 10-32 - 1/4	4
19	072748	COLLAR - Header Tube and Lever	1
20	111055	SCREW - 10-32 x 9/16	6
21	150083	NUT - 10-32	6
22	076882	HOUSING ASSEMBLY - Feed Raise Shaft Bearing	2
23	101611	RING - Retaining, .756 I.D. x .044	2
24	076894	HOUSING ASSEMBLY	1
25	073486	SPRING - Tension, .581 O.D. x 2.437 O.A.L. x .080	1
26	072442	SPRING - Tension, .343 O.D. x 2.000 O.A.L. x .040	1
27	150085	NUT - 1/4-28	1
28	084248	FOOT - Rubber	11

* Not Procurable Separately

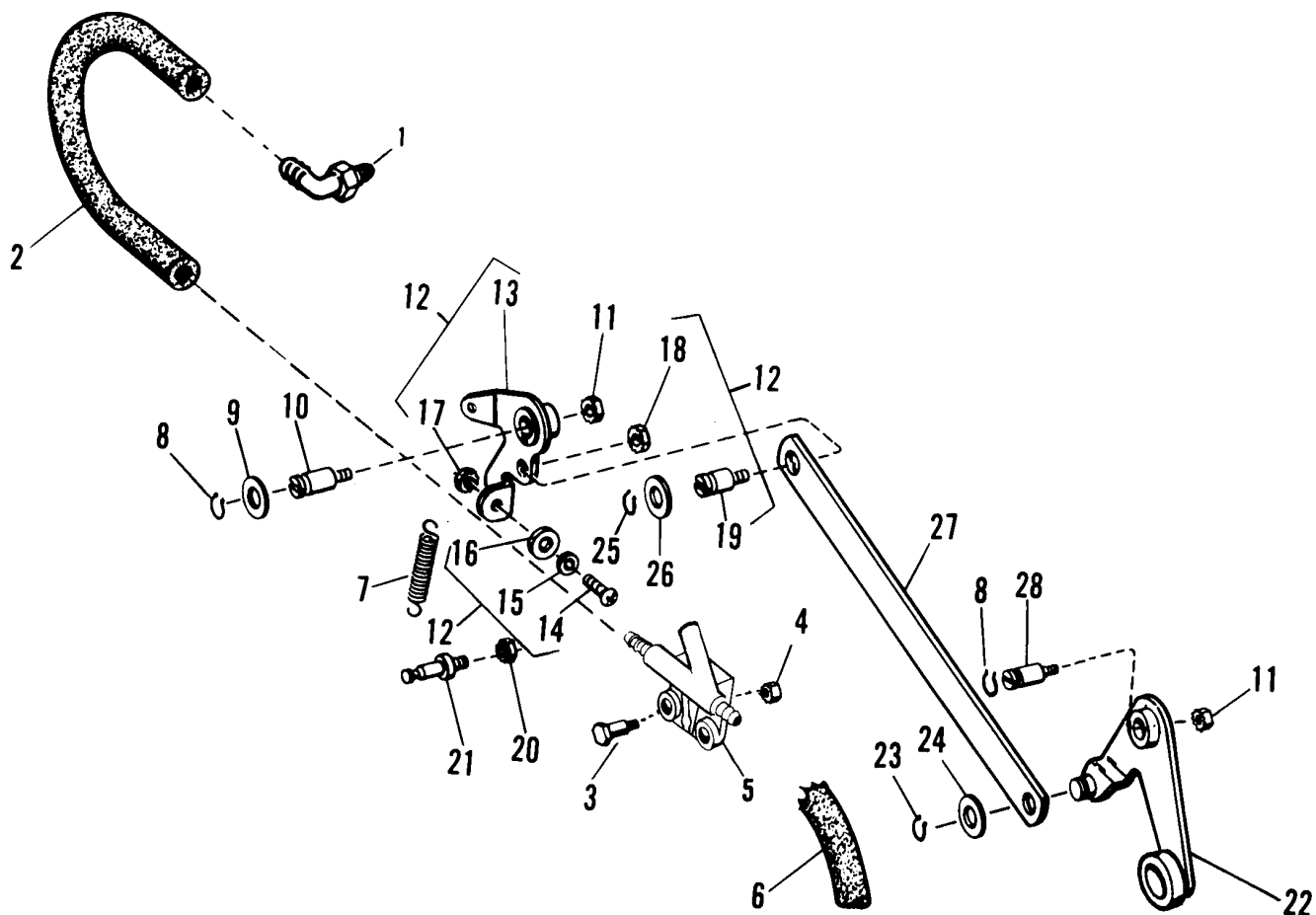


FIGURE 53
Vacuum Make and Break Control

Parts Catalog

Index No.	Part No.	Figure 53 Description	Units Per Assy.
1	191844	ELBOW - Vacuum Hose	1
2	072254	HOSE - Vacuum, 11/16" O.D. x 12-1/4" O.A.L.	1
3	193894	SCREW - Vacuum Valve	2
4	150085	NUT - 1/4-28	2
5	076142	VALVE - Vacuum	1
6	012478	TUBE - Vacuum Valve/Vacuum Break - 7/16 I.D. x 32-1/2 O.A.L.	1
7	072442	SPRING - Tension, .343 I.D. x 2.000 O.A.L.	1
8	001047	RING - Retaining, .340 I.D. x .027	2
9	001755	WASHER - .385 I.D. x .625 O.D. x .047	1
10	073497	STUD - Vacuum Break Lever	1
11	150083	NUT - 10-32	2
12	073496	LEVER ASSEMBLY - Vacuum Break	1
13	071570	LEVER - Vacuum Break	1
14	014369	SCREW - 8-32 x 3/8	1
15	003850	WASHER - .172 I.D. x .375 O.D. x .059	1
16	072704	WASHER - Leather, .172 I.D. x .322 O.D. x .063	1
17	014811	NUT - 8-32	1
18	014808	NUT - 10-32	1
19	073498	PIN - Vacuum Break Lever	1
20	014808	NUT - 10-32	1
21	072412	STUD - Vacuum Break Lever	1
22	073493	LEVER - Cam Roller	1
23	001049	RING - Retaining, .227 I.D. x .027	1
24	021203	WASHER - .254 I.D. x .500 O.D. x .029	1
25	001046	RING - Retaining, .283 I.D. x .027	1
26	001750	WASHER - .328 I.D. x .562 O.D. x .047	1
27	073494	LINK - Vacuum	1
28	072734	STUD - Cam Roller Lever	1

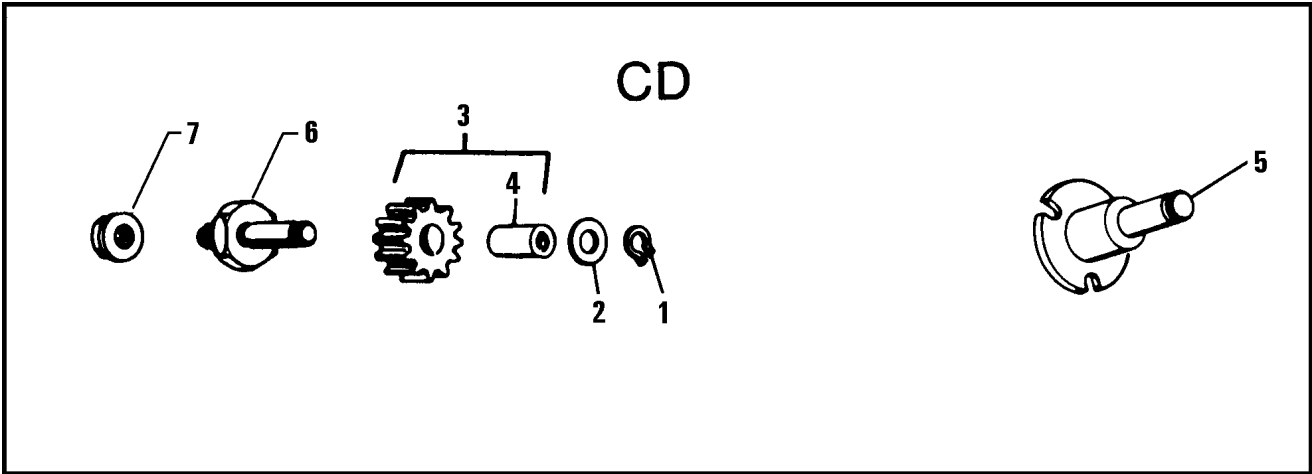


FIGURE 54
Delivery Roller and Stripper Assembly

Parts Catalog

Index No.	Part No.	Figure 54 Description	Units Per Assy.
1	001047	RING - Retaining, .340 I.D. x .027	1
2	014727	WASHER - .382 I.D. x .750 O.D. x .029	1
3	016378	GEAR ASSEMBLY - CD.	1
4	001401	BUSHING - .379 I.D. x .504 O.D. x .750 O.A.L.	1
5	080192	STUD - Follower Lever Pivot, CD.	1
6	196388	STUD - Chain Delivery	1
7	150089	NUT - 3/8-24	1

*** Not Available as An Assembly

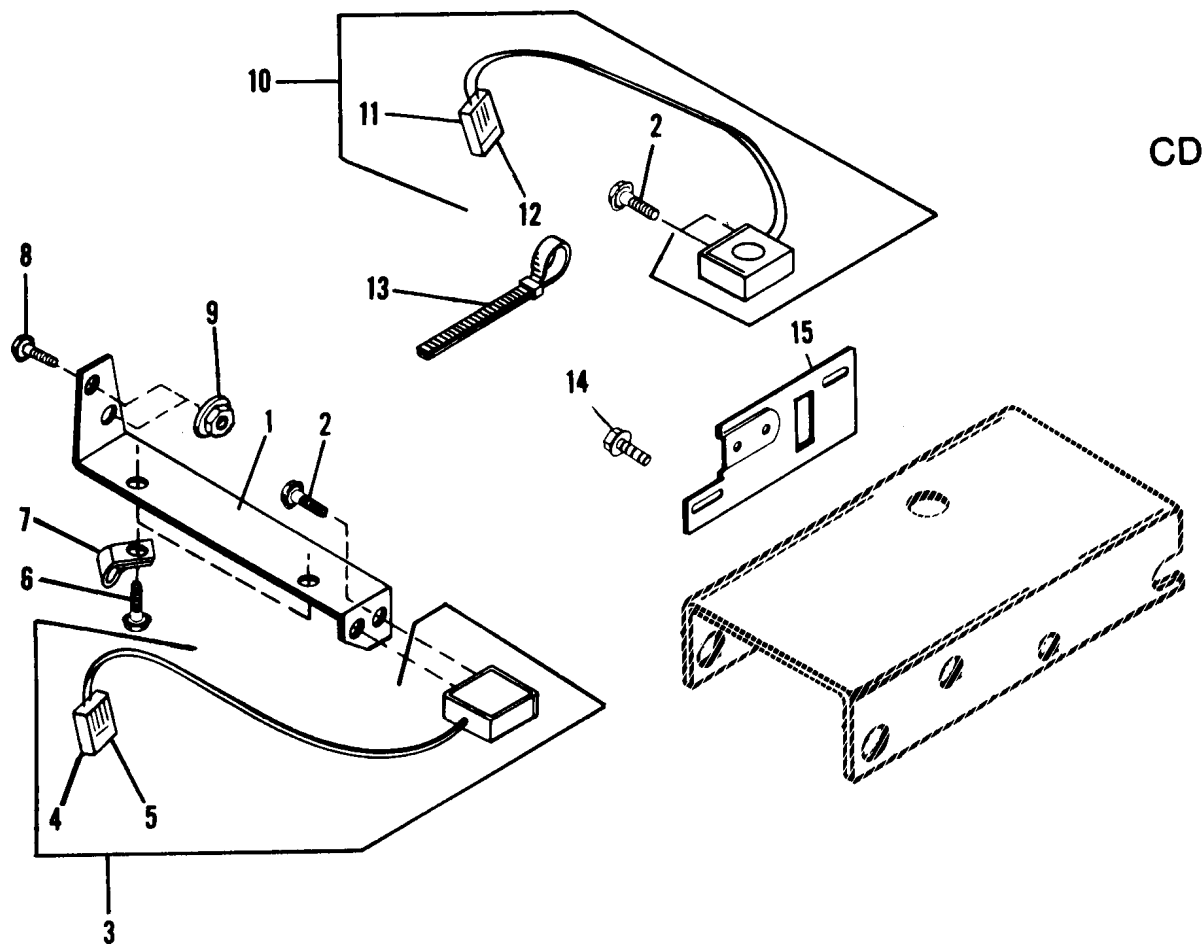


FIGURE 55
Jam Detector Assembly

Parts Catalog

Index No.	Part No.	Figure 55 Description	Units Per Assy.
1	016459	BRACKET - Sensor	1
2	000895	SCREW - 6-32 x 3/8	4
3	011506	PHOTOTRANSISTOR ASSEMBLY - Upper	1
4	250256	CONNECTOR HOUSING - Plug	1
5	250259	TERMINAL - Socket	2
6	100666	SCREW - Self-Tapping, 8-32 x 5/16	2
7	250202	CLAMP - Cable, 1/8.....	2
8	001542	SCREW - Flat Head, 10-32 x 7/16	2
9	150083	NUT - 10-32	2
10	011507	LAMP ASSEMBLY - Infrared, Lower	1
11	250258	CONNECTOR HOUSING - Socket	1
12	250257	TERMINAL - Pin	2
13	250077	TIE - Cable, 3-7/8 O.A.L.	2
14	001541	SCREW - 6-32 x 1/4	2
15	016298	BRACKET - Sensor	1

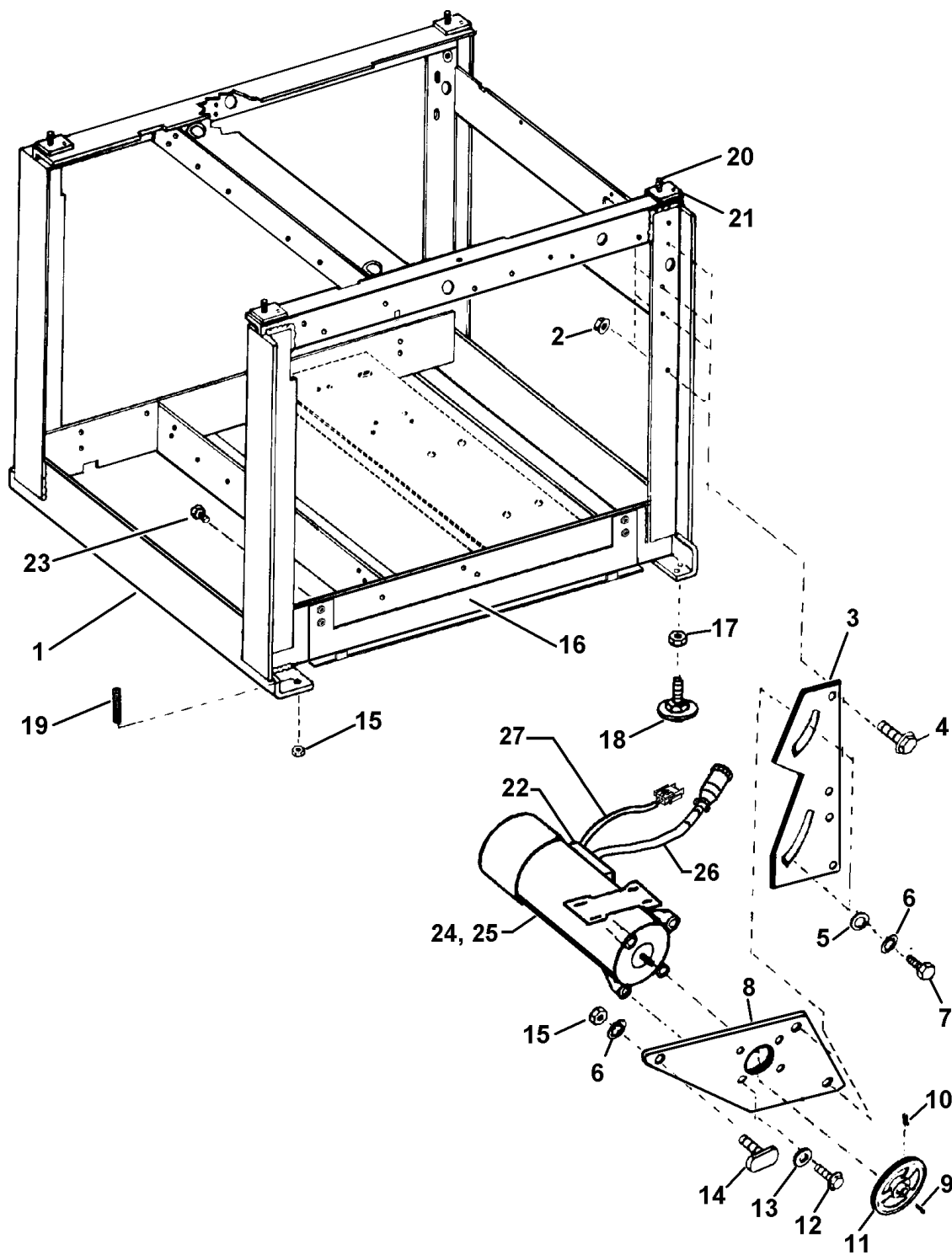


FIGURE 56
Base Frame and Drive Motor

Parts Catalog

Index No.	Part No.	Figure 56 Description	Units Per Assy.
*	403010	BASE ASSEMBLY - Complete with Motor, Pump, Compressor etc. (not illustrated)	1
1	017545	BASE ASSEMBLY - Welded	1
2	150085	NUT - 1/4-28	4
3	083392	PLATE - Spacer	1
4	111074	SCREW - 1/4-28 x 3/4	4
4	111091	SCREW - 5/16-24 x 3/4	4
5	193647	WASHER - Plain, 1/2 I.D. x 1.000 O.D. x .059	2
6	014751	WASHER - Lock, 1/2 O.D.	3
7	101203	SCREW - 1/2-20 x 3/4	2
8	083393	PLATE - Motor Mount	1
9	191963	KEY - 3/16 x 1-1/8	1
10	001523	SCREW - Set, 5/16-18 x 3/8	1
11	025123	PULLEY - 4.4 O.D.	1
12	101869	SCREW - 3/8-16 x 1.000	4
13	001763	WASHER - Lock, 3/8 I.D.	4
14	083394	PIN - Pivot, 1/2-20	1
15	101170	NUT - 1/2-20	3
16	400613	BRACKET ASSY.	2
17	001845	NUT - 3/8-24	3
18	017542	GLIDER	3
19	101913	SCREW - Set, 1/2-20 x 2" O.A.L.	2
20	190129	SCREW - 5/16-18 x 1.000	4
21	011066	SPACER	4
22	196470	STUD - Tray Support	2
23	111073	SCREW - 1/4-28 x 5/8	4
24	403717	MOTOR D.C. AND CORD ASSEMBLY - 180 V.D.C. 1 HP (By itself).	1
25	403718	MOTOR - 1.25 H.P.D.C. 180V	1
26	402845	CORD ASSEMBLY	1
27	402883	CABLE ASSEMBLY	1
28	101374	STRAIN RELIEF	1
	083819	BRUSH - Baldor 1HP (Not Illustrated)	2
	083820	BRUSH - Magnetek 1 HP (Not Illustrated)	2
	083821	BRUSH - Kinetic Systems 1 HP (Not Illustrated)	2
	083822	BRUSH - Leeson Electric 1HP (Not Illustrated)	2
	083823	BRUSH - RAE Motors 1 HP (Not Illustrated)	2
	083824	BRUSH - Scott Motors 1 HP (Not Illustrated)	2
	083825	BRUSH - US Electrical Motors 1 HP (Not Illustrated)	2
	083755	BRUSH - Leeson Electric 1-1/2 HP (Not Illustrated)	2
	083756	BRUSH - Baldor 1-1/2 HP (Not Illustrated)	2

Parts Catalog

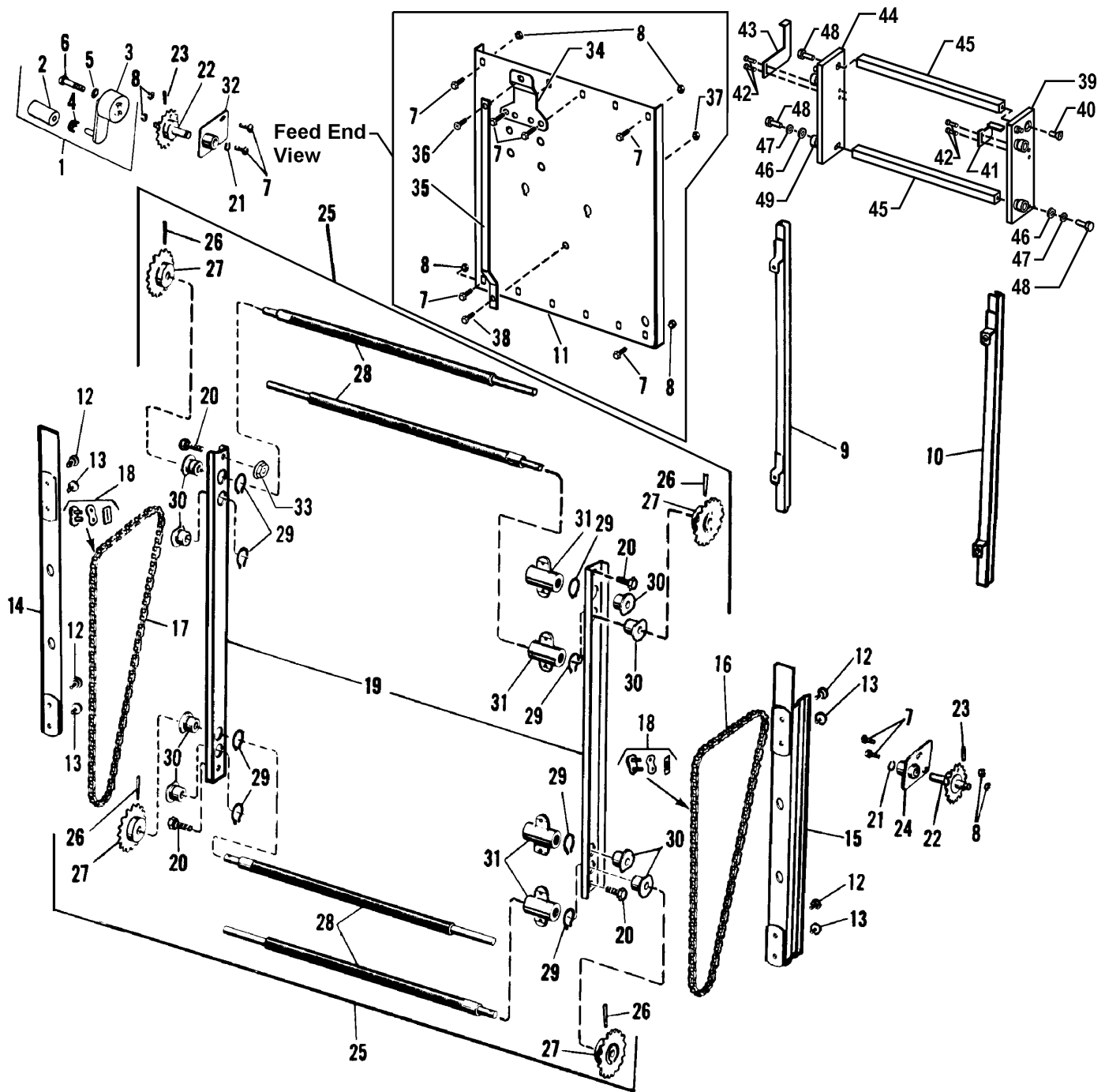


FIGURE 57
Paper Guides

Parts Catalog

Index No.	Part No.	Figure 57 Description	Units Per Assy.
1	017595	CRANK ASSEMBLY	2
2	011371	HANDLE	2
3	017594	CRANK ARM	2
4	072052	LOCK - Spring	2
5	039642	RING - Vinyl, .155 I.D. x .295 O.D. x .075	2
6	196244	SCREW - Special, 10-32 x 1.000 O.A.L.	2
7	111073	SCREW - 1/4-28 x 5/8	12
8	150085	NUT - 1/4-28	12
9	011052	CHANNEL ASSEMBLY - N.O.S.	1
10	011051	CHANNEL ASSEMBLY - O.S.	1
11	025147	PANEL - Cover & Motor Mount	1
12	016327	SCREW - Shoulder, 10-32	4
13	016060	SCREW - 10-32 x 3/8	4
14	403823	GUIDE ASSEMBLY - N.O.S.	1
15	403824	GUIDE ASSEMBLY - O.S.	1
16	072024	CHAIN - Paper Pile Support Adjusting, O.S.	1
17	072037	CHAIN - Paper Pile Support Adjusting, N.O.S.	1
18	071576	LINK - Master	1
19	072063	BRACKET- Guide Screw Bearing	2
20	111089	SCREW - 5/16-24 x 5/8	4
21	001048	RING - Retaining, .463 I.D.	2
22	013947	SPROCKET ASSEMBLY - Paper Pile Support Adjusting	2
23	001980	PIN - Roll, .135 O.D. x .640 O.A.L.	2
24	011077	BRACKET ASSEMBLY - N.O.S.	1
25	007533	SCREW ASSEMBLY- Guide	4
26	000024	PIN - Taper, .176 O.D. x 1.141 O.A.L.	4
27	*072044	SPROCKET - 15 Tooth	4
28	*007534	SCREW	4
29	100119	RING - Retaining, .815 I.D.	8
30	072064	BEARING - Guide Screw	4
31	084473	BEARING - Guide Screw	4
32	011076	BRACKET ASSEMBLY - O.S.	1
33	150087	NUT - 5/16-24	4
34	400546	MOUNTING BRACKET ASSEMBLY	1
35	400584	BAR	1
36	001542	SCREW - Phillips.	1
37	150083	NUT	1
38	111053	SCREW	1
39	403838	PLATE ASSEMBLY - Cradle Lift, L.H.	1
40	102659	SCREW - Mach. 3/8-16 X 3/4" Blk. Oxide	1
41	403831	PLATE STOP - Table Raise	1
42	111052	SCREW - # 15	4
43	403828	L-ANGLE - Low Sheets	1
44	403839	PLATE ASSEMBLY - Cradle Lift, R.H.	1
45	403827	CRADLE BLOCK	2
46	001771	WASHER	2
47	001763	WASHER	2
48	101869	SCREW - 3/8-16 X 1"	3
49	072029	TRUCK	4

*Not Procurable Separately

Parts Catalog

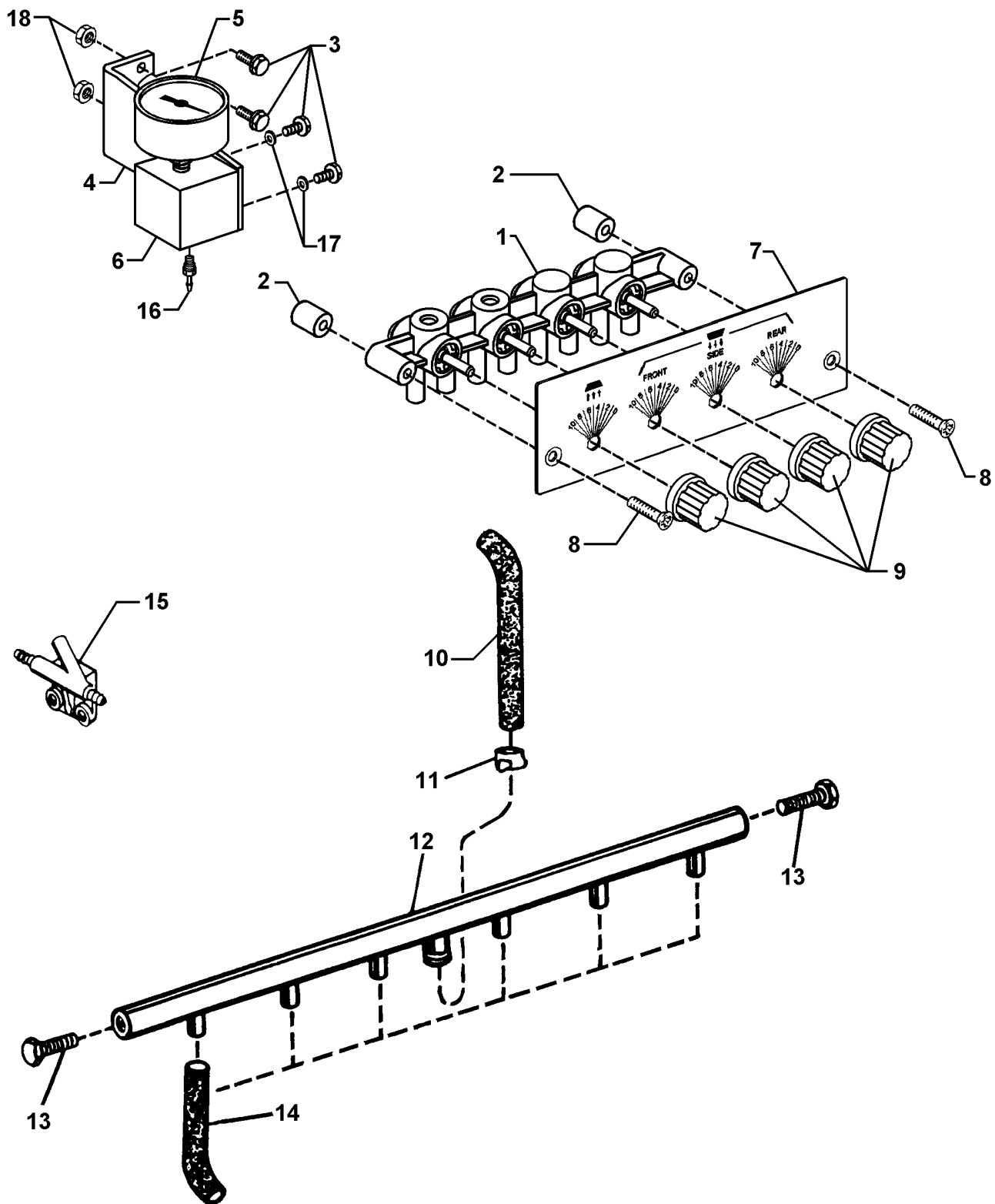


FIGURE 58
Air and Vacuum Assemblies - Part I

Parts Catalog

Index No.	Part No.	Figure 58 Description	Units Per Assy.
1	13-4-196138	VALVE ASSEMBLY - Regulator	1
2	403888	SPACER - Air Valve Assembly	2
3	100701	SCREW	4
4	403950	BRACKET - Block Gauge	1
5	180961	GAUGE - Vacuum	1
6	403949	BLOCK - Mount Gauge	1
7	403886	FACE PLATE	1
8	102658	SCREW - Mach. 10-32 2 1/4 Zinc Flat Head	2
9	403889	KNOB - Air Valve Assembly	4
10	072257	HOSE - 18.000 O.A.L.	2
11	072741	CLAMP - Hose	6
12	007672	HEADER ASSEMBLY	1
13	111073	SCREW - 1/4-28 x 5/8	2
14	195197	TUBING - 5/16 I.D. x .469 O.D. x 6-3/8 O.A.L.	6
15	076142	VALVE - Vacuum (Make and Break)	1
16	179815	FITTING - Vacuum	1
17	021861	WASHER - # 25	2
18	150085	NUT - # 4	2

Parts Catalog

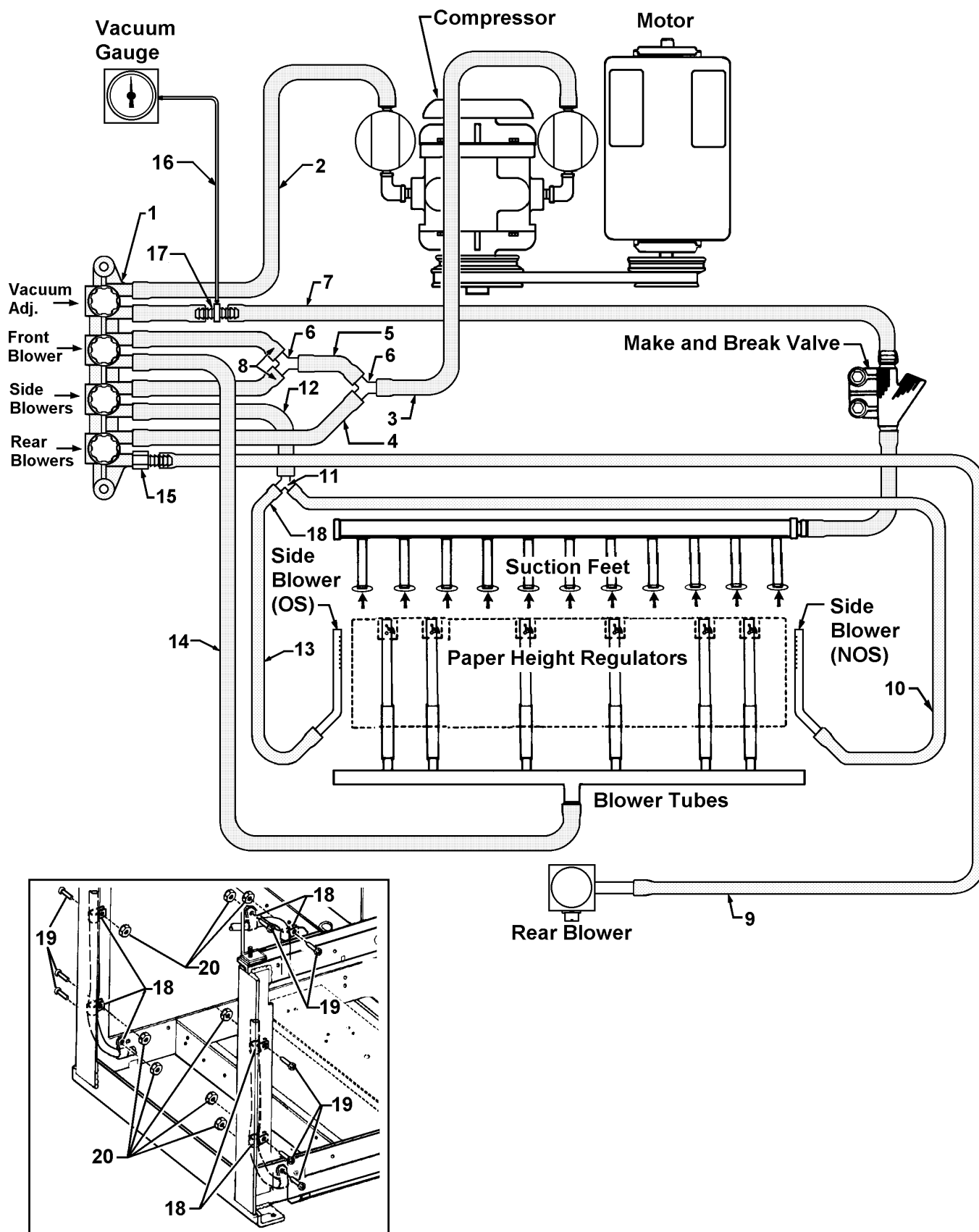


FIGURE 59
Air and Vacuum Assemblies - Part II

Parts Catalog

Index No.	Part No.	Figure 59 Description	Units Per Assy.
1	13-4-196138	VALVE ASSEMBLY - Regulator	1
2	403944	HOSE - Air System, 11.75" Long	2
3	*403943	HOSE - Air System, 10" Long	1
4	*403942	HOSE - Air System, 8.25" Long	1
5	*403940	HOSE - Air System, 3" Long	2
6	13-3-172338	CONNECTOR -Y, 3/8"X 3/8" X 3/8"	1
7	072256	TUBE	1
8	*403941	HOSE - Air System, 5.5" Long	2
9	403947	TUBE - Air System, 72" Long	1
10	**403946	TUBE - Air System	1
11	120-2047	CONNECTOR - Y	1
12	**403942	HOSE - Air System	1
13	**403945	TUBE - Air System 48" Long	1
14	072257	TUBE	1
15	197619	FITTING - Tube, Barb (FPT)	1
16	403948	TUBE - Vacuum Gauge	1
17	403884	UNION - Vacuum Hose	1
18	250273	HOSE CLAMP - # 4	8
19	001611	SCREW	8
20	014811	NUT - # 15	8

* Use 403944 -cut to length.

* Use 403947 -cut to length.

Parts Catalog

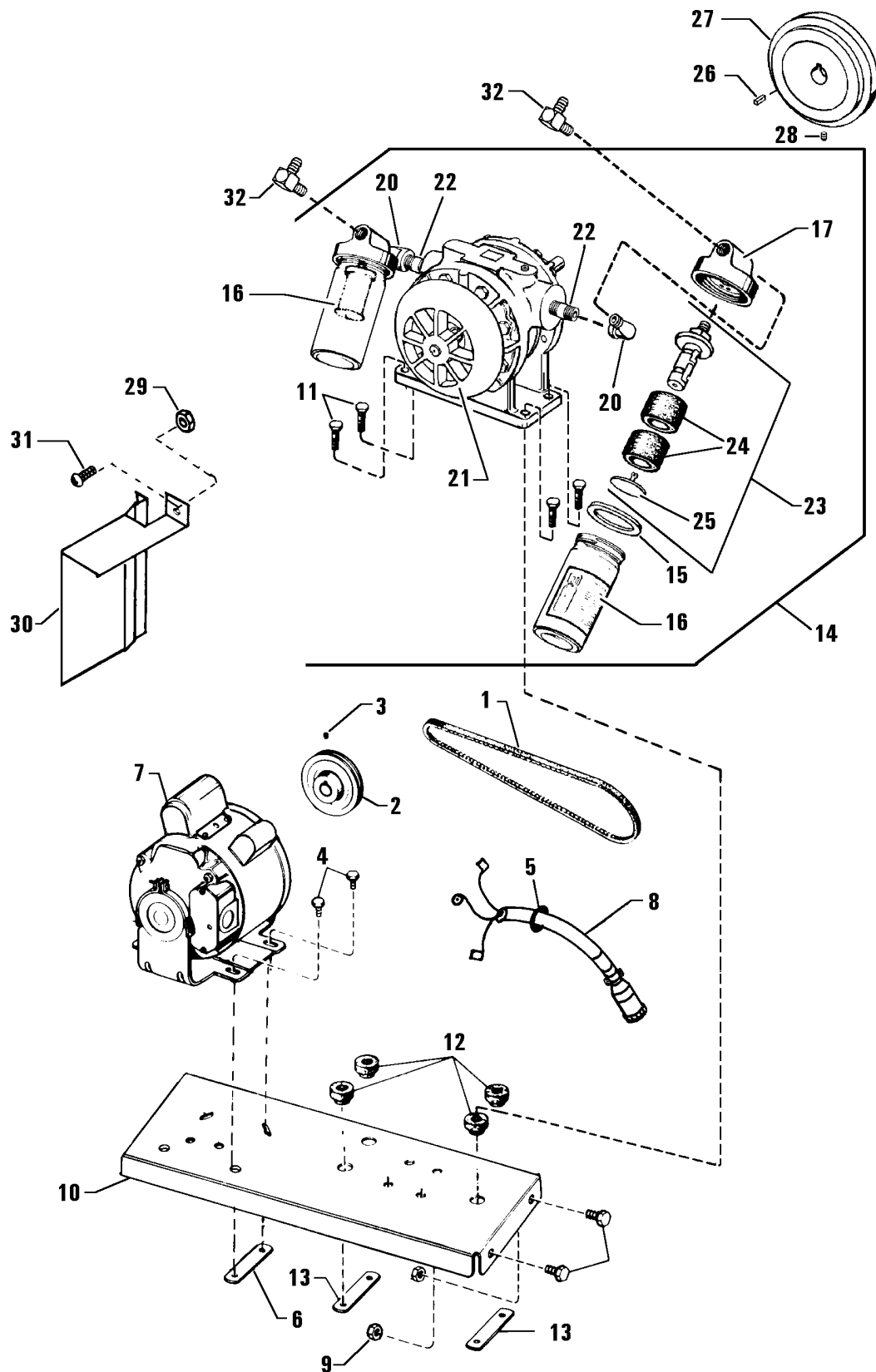


FIGURE 60
Compressor Assembly

Parts Catalog

Index No.	Part No.	Figure 60 Description	Units Per Assy.
1	054479	BELT - Compressor, (3L340) 34" 50/60 Hz.	1
2	403092	PULLEY ASSEMBLY - 4" 50/60 Hz.	1
3	101887	SCREW - Set Dog Point, 5/16-18 x 5/8	1
4	111089	BOLT - Motor Mounting, 5/16-18 x 5/8	8
5	041821	STRAINRELIEF	1
6	025496	NUT PLATE	2
7	402145	PUMP MOTOR & CORD ASSEMBLY - 100/230V. 50/60HZ.	1
8	402158	CORD - Pump Motor,	1
9	150087	NUT - 5/16-24	4
10	008029	BASE - Pump	1
11	014121	BOLT - 3/8-24 x 1-1/2	4
12	072840	GROMMET	4
13	072838	NUT PLATE	2
14	402301	COMPRESSOR ASSEMBLY	1
15	072261	GASKET	2
16	072852	BOTTLE	2
17	072161	COVER	1
18	402300	VANE (Not Illustrated)	4
19	072920	SHIM (Not Illustrated)	1
20	072826	ELBOW	2
21	402400	FAN	1
22	102282	NIPPLE	2
23	072265	FILTER ASSEMBLY	2
24	072855	FILTER	2
25	016569	CAP - Plastic	1
26	190398	KEY - 3/16 X 3/16 X 1-3/8	1
27	403091	PULLEY - Pump	1
28	001523	SETSCREW - 5/16-18 x 3/8	1
29	014811	NUT - 8-32	3
30	025194	GUARD	1
31	001586	SCREW - 8-32 x 5/16	3
32	403357	BARB - 1/2 I.D., Hose to 3/8 NPT	4
33	193810	SLEEVE GROMET - (Not Illustrated)	4



122 1001-177229

Parts Catalog

Index No.	Part No.	Figure 61 Description	Units Per Assy.
1	403735	HARNESS - Low voltage (Side Frame)	1
2	017734	P.C. BOARD ASSY... ..	1
3	403734	HARNESS - 115 VAC (Side Frame)	1
4	025658	CABLE ASSEMBLY	1
5	400887	HARNESS - C.D.Cover, O.S.	1
6	025329	RIBBON CABLE ASSY.	1
7	403755	CABLE ASSY - CD Stacker.	1

Parts Catalog

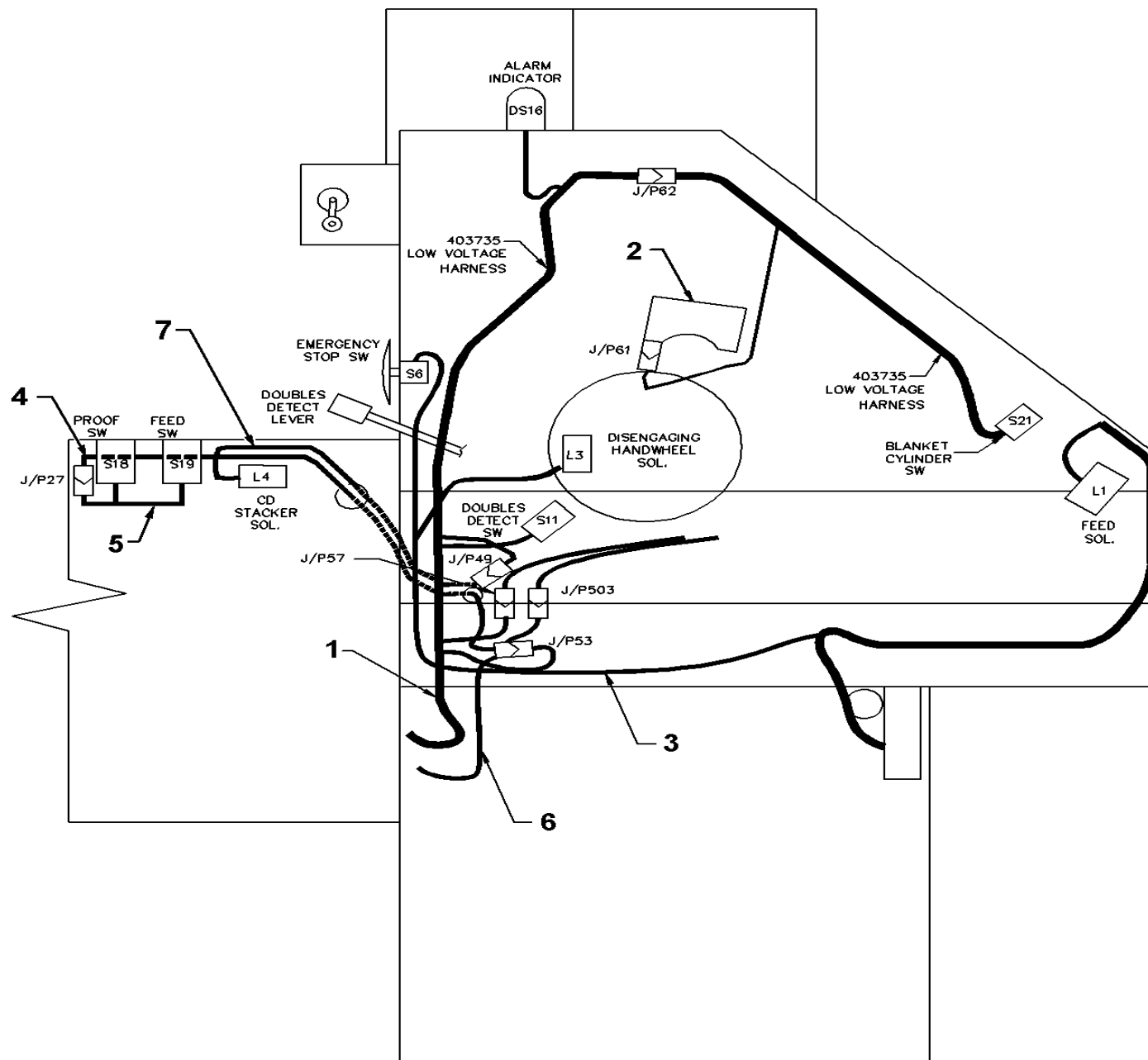


FIGURE 62
Wire Harness - N.O.S.

Parts Catalog

Index No.	Part No.	Figure 62 Description	Units Per Assy.
1	402673	HARNESS ASSY. - Ink / Aqua	1
2	403735	HARNESS - Low Voltage (Side Frame)	1
3	403754	HARNESS - Chain Delivery	1
4	017742	P.C. BOARD ASSY - Clock Sync, Hall.	1
5	403734	HARNESS - 115 VAC (Side Frame)	1
6	025239	RIBBON CABLE	1
7	403748	HARNESS - T51 Sideframe	1
8	403719	CABLE ASSEMBLY - Work Lamp	1

Parts Catalog

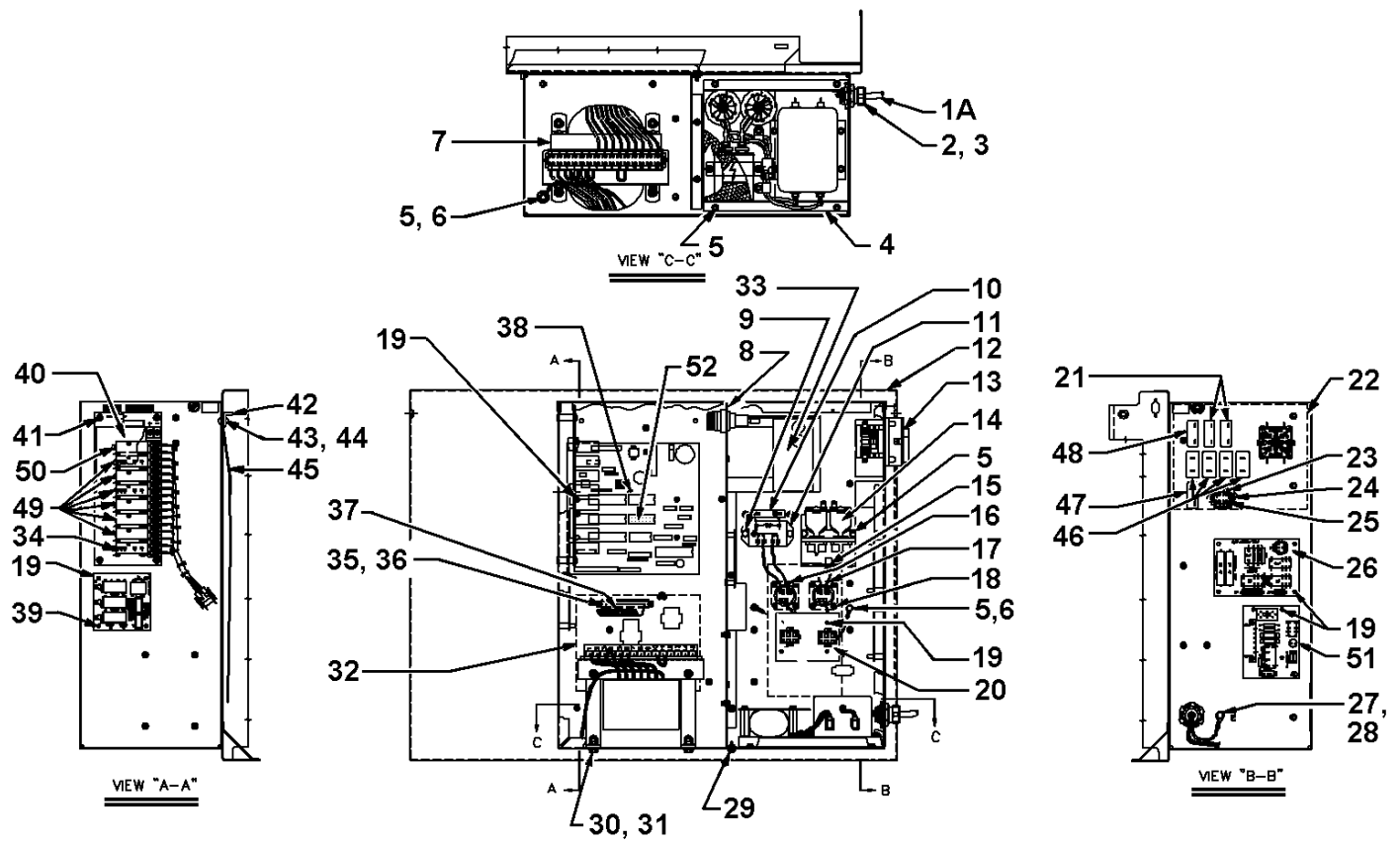


FIGURE 63
Control Box - Part I

Parts Catalog

Index No.	Part No.	Figure 63 Description	Units Per Assy.
1	403720	CONTROL BOX ASSY - Electrical	1
1A	025355	POWER CORD	1
2	254504	FITTING - Strain Relief	1
3	254507	LOCKNUT	1
4	403443	FILTER ASSY.	1
5	111033	SCREW - Hex , Washer HD	9
6	001722	WASHER - Lock	3
7	401678	TRANSFORMER ASSY.	1
8	***403733	DIVIDER ASSY - Electrical	4
9	001548	SCREW - Phillips	2
10	402855	RESISTOR ASSY.	1
11	254559	RELAY	1
12	403749	COVER & CONTROL BOX ASSY. (Welded Shell)	1
13	253952	POWER SWITCH - Main	1
14	254285	CONTACTOR	1
15	402238	DECAL - (Opposite Side)	1
16	402661	RECEPTACLE ASSY. - Pump Motor	1
17	402662	RECEPTACLE ASSY. - Drive Motor	5
18	101151	SCREW	8
19	254211	STANDOFF	20
20	402632	P.C. BOARD ASSY. - J102/107	1
21	253542	CIRCUIT BREAKER	2
22	403418	DECAL - Opposite Side	1
23	400845	MARKER - TS1	1
24	100529	SCREW - Phillips	2
25	400861	TERMINAL BLOCK ASSY.	1
26	403745	P.C. BOARD ASSY. - Relay Control	1
27	111051	SCREW - Hex H D Washer	1
28	100997	WASHER - Lock	1
29	100683	SCREW - Sems, Hex.	5
30	111071	SCREW	4
31	014807	NUT - Keps	4
32	403752	DECAL - Control Box Connectors (Opposite Side)	1
33	401212	DC POWER SUPPLY ASSY.	1
34	254677	SSR - Module A.C. Output Buffered, Dampener	1
35	100228	NUT	2
36	100457	SCREW	2
37	401209	RIBBON CABLE	1
38	403722	P.C. BOARD ASSY. - Integrated Interface & Processor	1
39	403743	PC BOARD ASSEMBLY - T51 Interface	1
40	402615	P.C. BOARD ASSY. - SSR	1
41	110035	SCREW - POZ1	4
42	402298	MTG. ANGLE	1
43	001641	SCREW - Phillips	2
44	150081	LOCKNUT	2
45	402297	INSULATOR - Cover	1
46	250051	CIRCUIT BREAKER - 10.0A	4
47	254698	CIRCUIT BREAKER	1
48	253543	CIRCUIT BREAKER - 4.0A	1
49	253491	SSR - AC Output Module	6
50	253492	SSR - I/O Module, E-Stop	1
51	402626	P.C.B. ASM. - Voltage Monitor	1

*** Refer to "Divider Assembly, Electrical" on following pages for details.

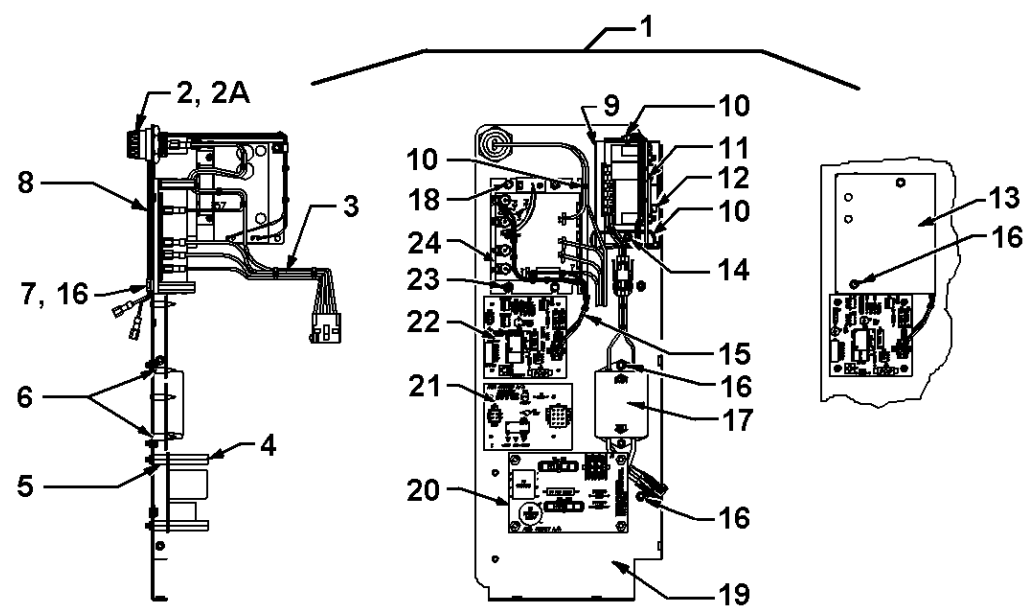


FIGURE 64
Divider Assembly, Electrical

Parts Catalog

Index No.	Part No.	Figure 64 Description	Units Per Assy.
1	403733	DIVIDER ASSEMBLY - Electrical	1
2	253655	FUSE HOLDER ASSY.	1
2A	253983	FUSE - 7 Amp	1
3	402657	HARNESS-Speed Cont. AC/DC Input	1
4	403732	STANDOFF - 5/16" Hex X 1.50"	4
5	403731	STANDOFF - 5/16" Hex. X 500"	4
6	254211	STANDOFF	8
7	250202	CLAMP - # 10	1
8	400598	FUSE LABEL - 7Amp	1
9	400867	INSULATOR - 4"X4"	1
10	250077	ST STRAP - # 12	6
11	401212	POWER SUPPLY - GTP 5 V	1
12	250493	STRAP # 5	1
13	402529	INSULATOR - Speed Control	1
14	001586	SCREW	2
15	402658	HARNESS-Speed Cont.	1
16	111033	SCREW - # 15	6
17	403435	RFIFILTER ASM	1
18	111034	SCREW	2
19	403436	CONTROL BOX DIVIDER ASSEMBLY	1
20	403727	PC BOARD ASSEMBLY - Sol. T.D.	1
21	403725	PC BOARD ASM - DC/DC Converter	1
22	022815	P.C.BOARD - GTP	1
23	402531	STANDOFF - 3/8 X 1.50	2
24	254894	SPEED CONTROL - 1.5 HP	1

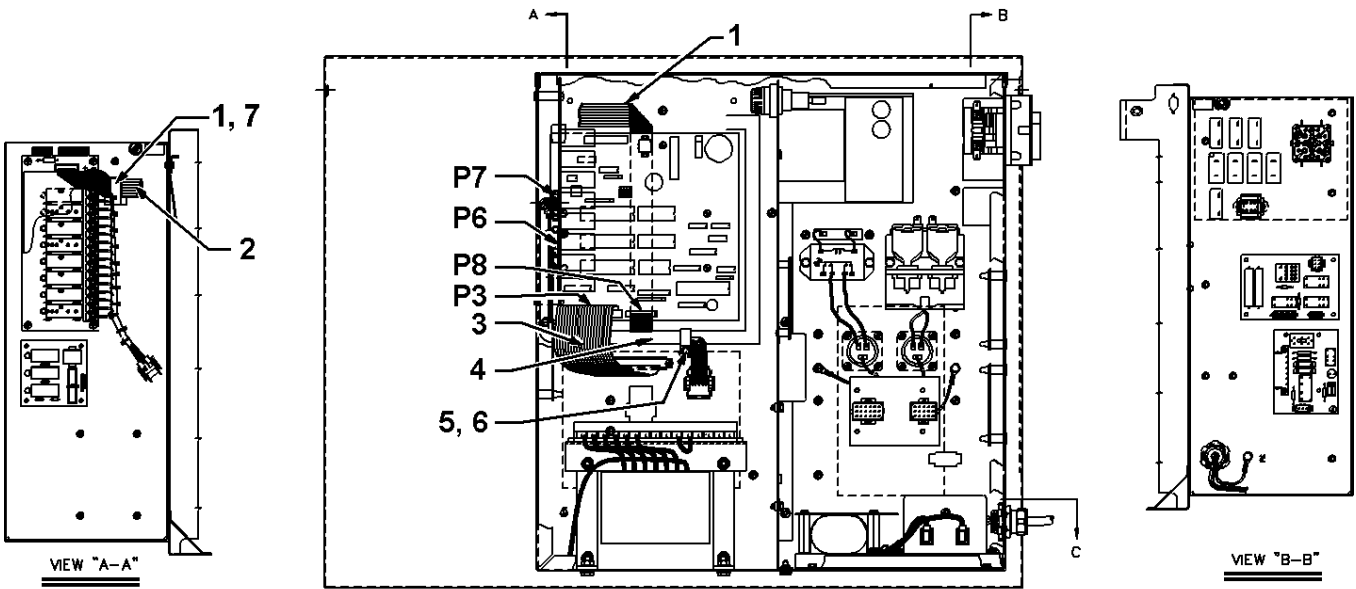


FIGURE 65
Control Box - Part II

Parts Catalog

Index No.	Part No.	Figure 65 Description	Units Per Assy.
1	001289	SCREW - # 8-32	1
2	402665	CABLE ASSY. - Ribbon Cable	1
3	401209	RIBBON CABLE	1
4	403738	HARNESS - Low Voltage	1
5	250206	CLAMP - 1/2"	1
6	111033	SCREW - Hex Washer HD	1
7	252842	CLAMP - Ribbon Cable	1

Parts Catalog

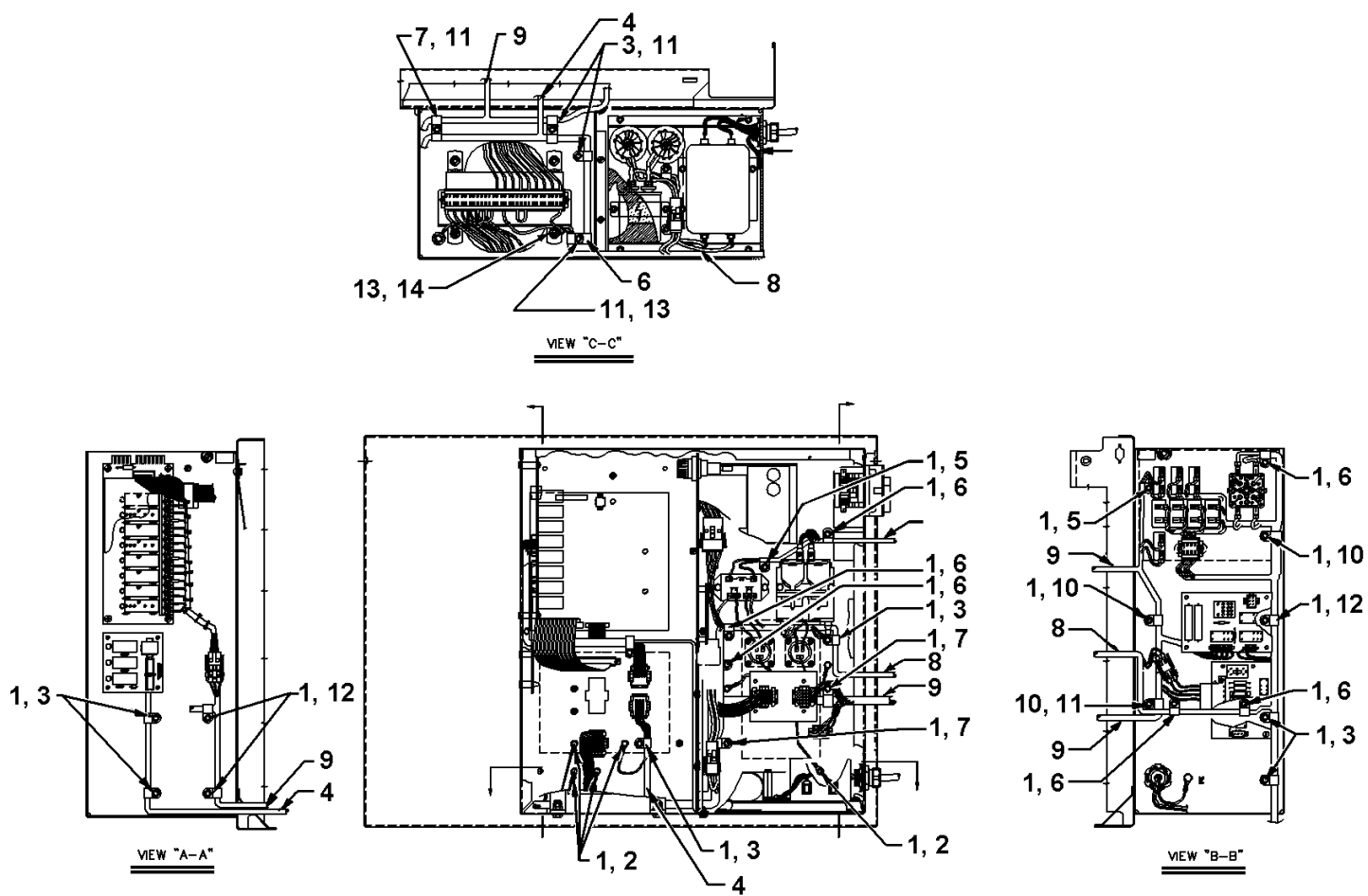


FIGURE 66
Control Box - Part III

Parts Catalog

Index No.	Part No.	Figure 66 Description	Units Per Assy.
1	111033	SCREW - Hex Washer HD	26
2	001722	WASHER - Lock	5
3	250204	CLAMP - 5/16"	9
4	403747	HARNESS - T51 Interface	1
5	250202	CLAMP - 1/8"	2
6	250203	CLAMP - 1/4"	7
7	250273	CLAMP - 7/16"	4
8	403736	HARNESS - 230 VAC	1
9	403737	HARNESS - 115 VAC	1
10	250273	HOSE CLAMP - # 4	3
11	111035	SCREW - # 15	5
12	250098	CLAMP - 3/8"	3
13	250205	CLAMP - 3/16"	2
14	001846	NUT - Hex. 10-24	1

Parts Catalog

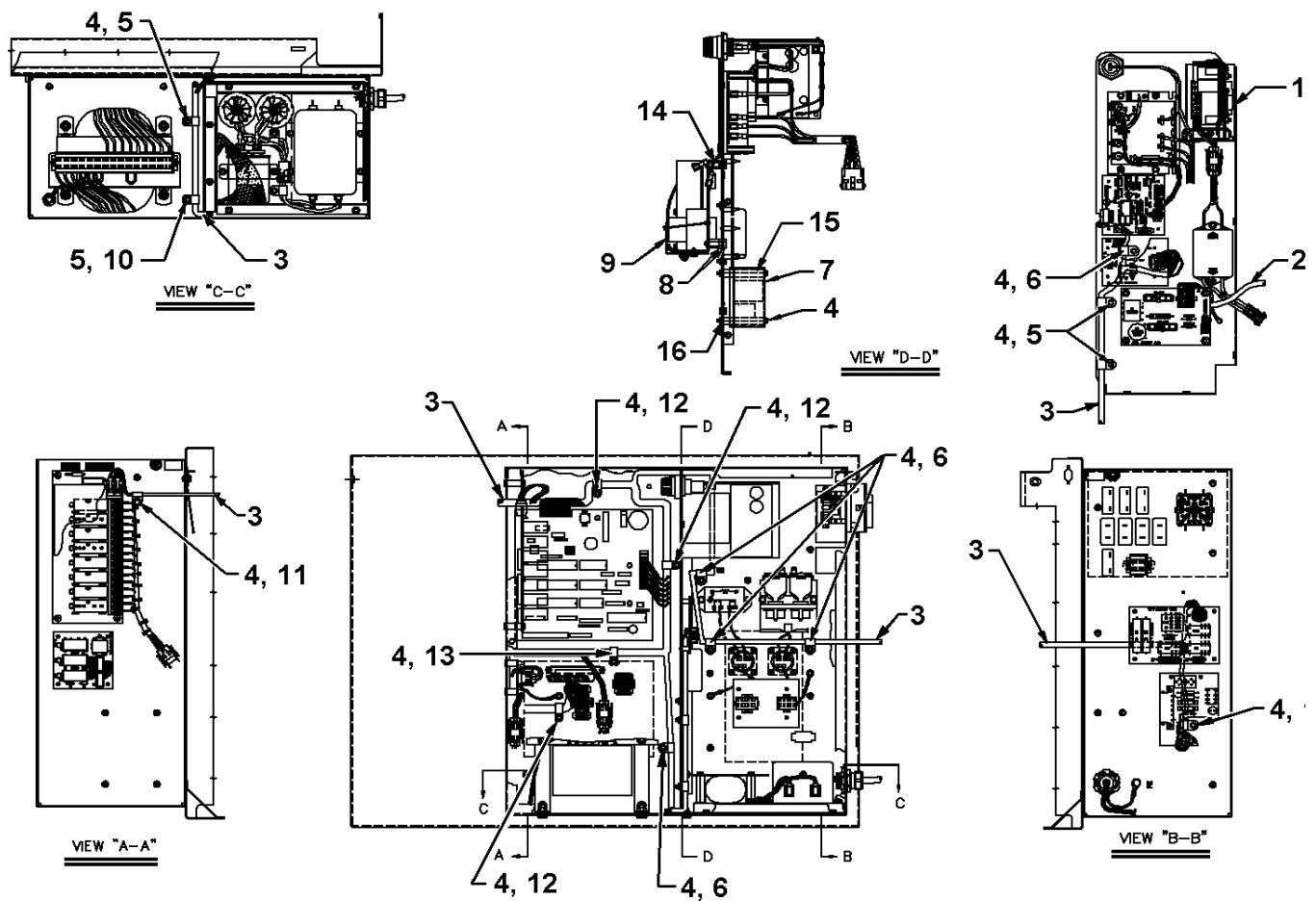


FIGURE 67
Control Box - Part IV

Parts Catalog

Index No.	Part No.	Figure 67 Description	Units Per Assy.
1	*403733	DIVIDER ASSEMBLY - Electrical	1
2	403737	HARNESS - 115VAC	1
3	403738	HARNESS - 5VDC	1
4	111033	SCREW - # 15	17
5	250204	CLAMP - 5/16"	4
6	250203	CLAMP - 1/4"	5
7	403730	INSULATOR COVER - Solenoid PCB	1
8	014811	NUT - # 15	8
9	402825	GTP POWER SUPPLY - 24VDC	1
10	111035	SCREW - # 15	1
11	250202	CLAMP - 1/8"	2
12	250273	CLAMP - 7/16"	3
13	250206	CLAMP - 1/2"	1
14	403088	STANDOFF - 1/2" Hex X 1/2" Long, 8-32 THD.	4
15	403732	STANDOFF - 5/16" Hex X 1/2" Long, 8-32 THD.	4
16	403731	STANDOFF - 5/16" Hex X 1 1/2" Long, 8-32 THD.	4

* Not Available as an Assembly.

Parts Catalog

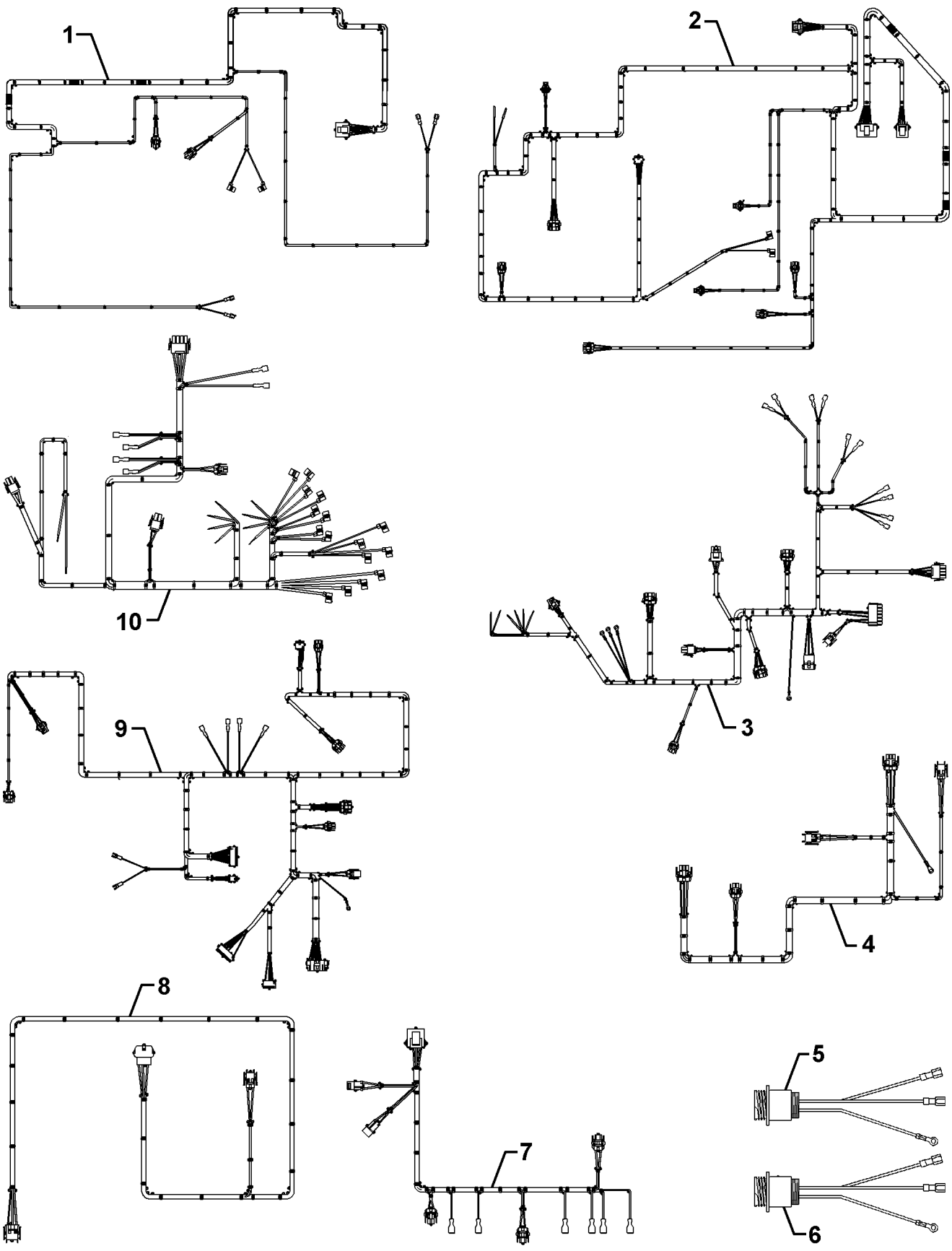


FIGURE 68
Control Box Harnesses

Parts Catalog

Index No.	Part No.	Figure 68 Description	Units Per Assy.
1	403734	HARNESS - Side Frame, 115VAC	1
2	403735	HARNESS - Low Voltage, Side Frame	1
3	403737	HARNESS - Control Box, 115VAC	1
4	403747	HARNESS - T51 Color Head Interface	1
5	402661	RECEPTACLE ASSEMBLY - Pump Motor - Control Box	1
6	402662	RECEPTACLE ASSEMBLY - Drive Motor - Control Box	1
7	403754	HARNESS - Chain Delivery	1
8	403748	HARNESS - T51 (Side Frame) Interface Harness	1
9	403738	HARNESS - Low Voltage - Control Box	1
10	403736	HARNESS - 230VAC - Control Box	1

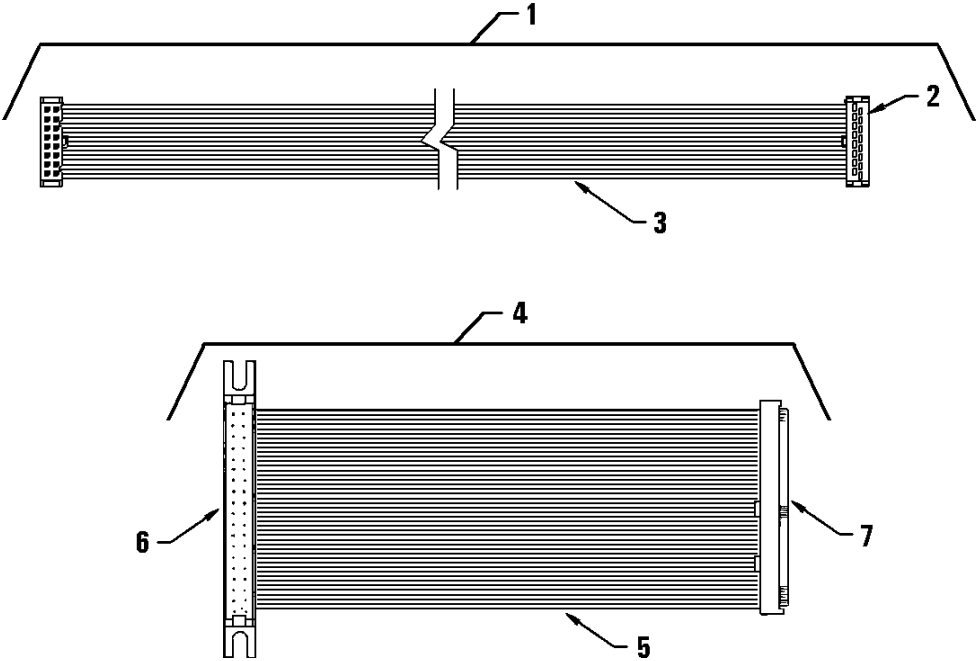


FIGURE 69
Control Box Ribbon Cables

Parts Catalog

Index No.	Part No.	Figure 69 Description	Units Per Assy.
1	402665	CABLE ASSY. - Ribbon cable	1
2	253987	CONNECTOR - Ribbon cable, 16 CKT	2
3	253531	RIBBON CABLE	1
4	401209	RIBBON CABLE ASSY. - Pump Motor	1
5	253529	RIBBON CABLE	1
6	253852	CONNECTOR - Male, 40 CKT, 20 Dual	1
7	253027	CONNECTOR	1

Parts Catalog

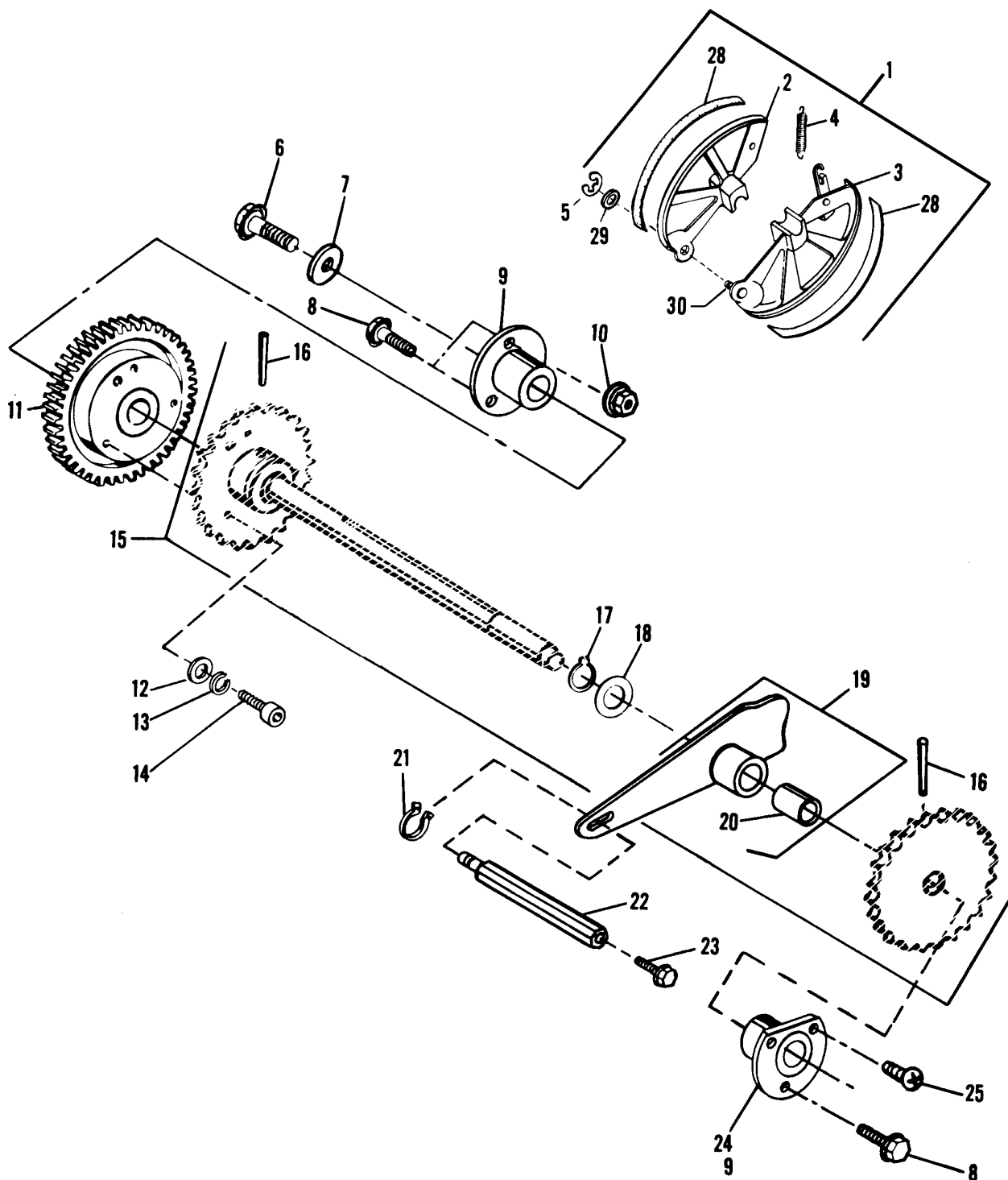


FIGURE 70
Sprocket Shaft and Paper Guides

Parts Catalog

Index No.	Part No.	Figure 70 Description	Units Per Assy.
1	***016290	GUIDE ASSEMBLY - Paper	2
2	016291	GUIDE ASSEMBLY - Upper	1
3	016293	GUIDE ASSEMBLY - Lower	1
4	041776	SPRING - Tension, .343 O.D. x 1.375 O.A.L. x .047	1
5	001060	RING - Retaining	1
6	111087	SCREW - 5/16-24 x 1/2	1
7	014784	WASHER - Plain, .328 I.D. x .812 O.D. x .092	1
8	111055	SCREW - 10-32 x 9/16	6
9	016376	BEARING	2
10	150083	NUT - 10-32	6
11	016374	GEAR - Sprocket Drive	1
12	005620	WASHER - .254 I.D. x .625 O.D. x .059	3
13	001731	WASHER - Lock, .256 I.D. x .453 O.D. x .046	3
14	014219	SCREW - Cap, 1/4-20 x 3/4	3
15	016367	SPROCKET AND SHAFT ASSEMBLY - Drive	1
16	102611	PIN - Taper, # 4 x 1.25	2
17	001784	RING - Retaining, .584 I.D. x .037	2
18	014761	WASHER - Plain, .628 I.D. x 1.000 O.D. x .029	2
19	016368	CAM ASSEMBLY - Gripper	1
20	014608	BUSHING - .629 I.D. x .754 O.D. x .875 O.A.L.	1
21	001046	RING - Retaining, .283 I.D. x .027	1
22	196386	STUD - Cam Support	1
23	111054	SCREW - 10-32 x 1/2	1
24	016542	BEARING - O.S. (Machines w/Doubles Detector Switch)	1
25	014327	SCREW - Flat Head, 10-32 x 1/2 (Mach. w/Doubles Det. Switch)	1
28	016429	TAPE - Non Tracking	2
29	014741	WASHER - Special, Spring	1
30	081664	PIN - Guide Pivot	1

*** Not Available As An Assembly

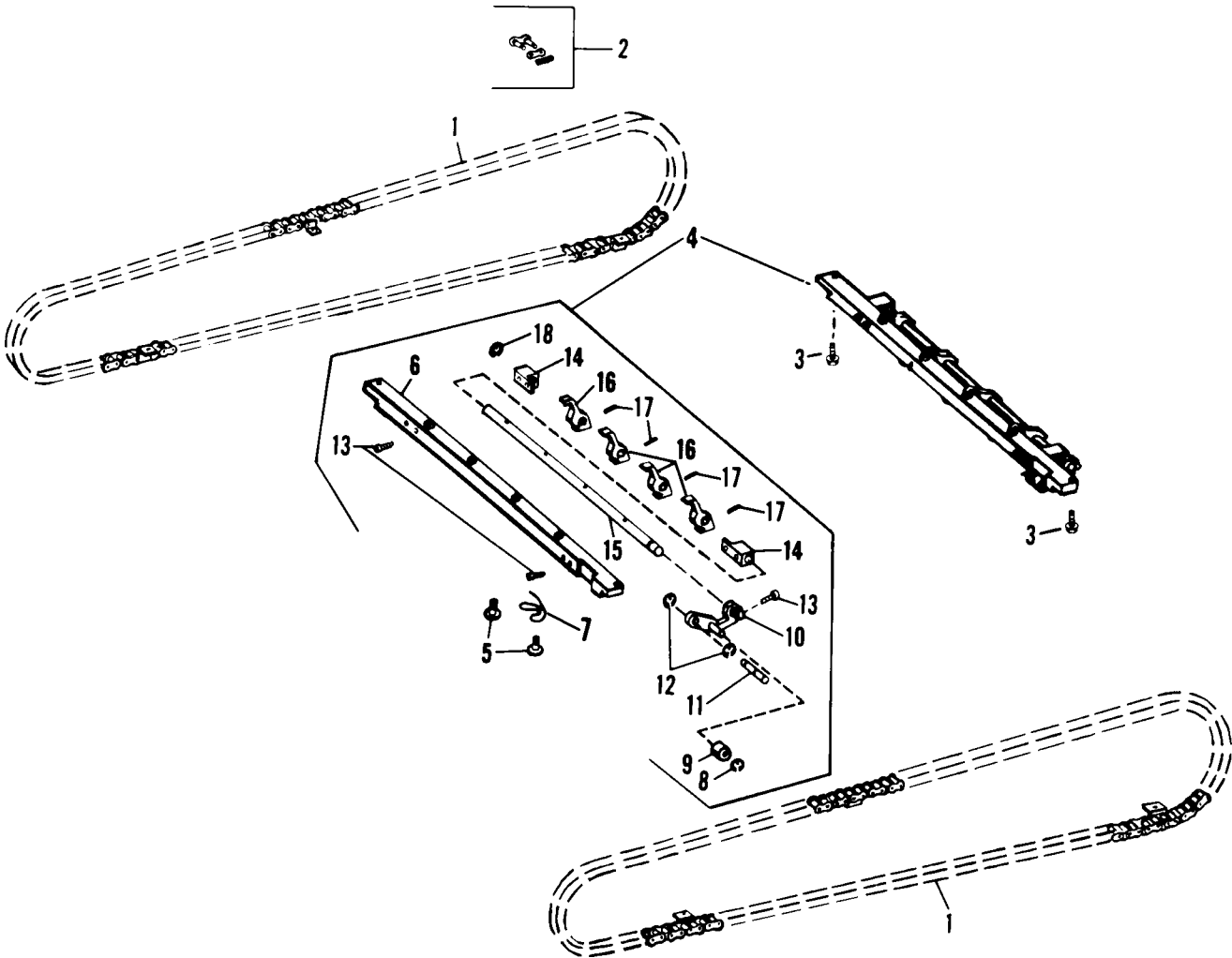


FIGURE 71C
Gripper Bar and Chain Assemblies

Parts Catalog

Index No.	Part No.	Figure 71 Description	Units Per Assy.
1	016381	CHAIN ASSEMBLY - Gripper Bar # 41	2
2	196473	LINK ASSEMBLY - Chain Coupler # 41	1
3	100976	SCREW - Hex Head, NYLOK 10-32 x 5/16	6
4	403739	GRIPPERBAR ASSEMBLY	3
5	041750	SCREW - Shoulder, 8-32	2
6	016691	BAR - Gripper	1
7	080431	SPRING - Gripper Tension	2
8	001049	RING - Retaining, .227 I.D. x .027	1
9	196412	TRUCK - Cam Follower	1
10	016501	CAM FOLLOWER - Gripper	1
11	080564	STUD - Cam Follower	1
12	014504	RING - Retaining, .146 I.D. x .027	2
13	014164	SCREW - 8-32 x 7/16	5
14	081764	BEARING - Gripper Shaft	2
15	007727	SHAFT ASSEMBLY - Gripper	1
16	081762	GRIPPER - Paper	4
17	014576	PIN - Driv-Lok, .093 O.D. x 9/16	4
18	001046	RING - Retaining, .283 I.D. x .027	1

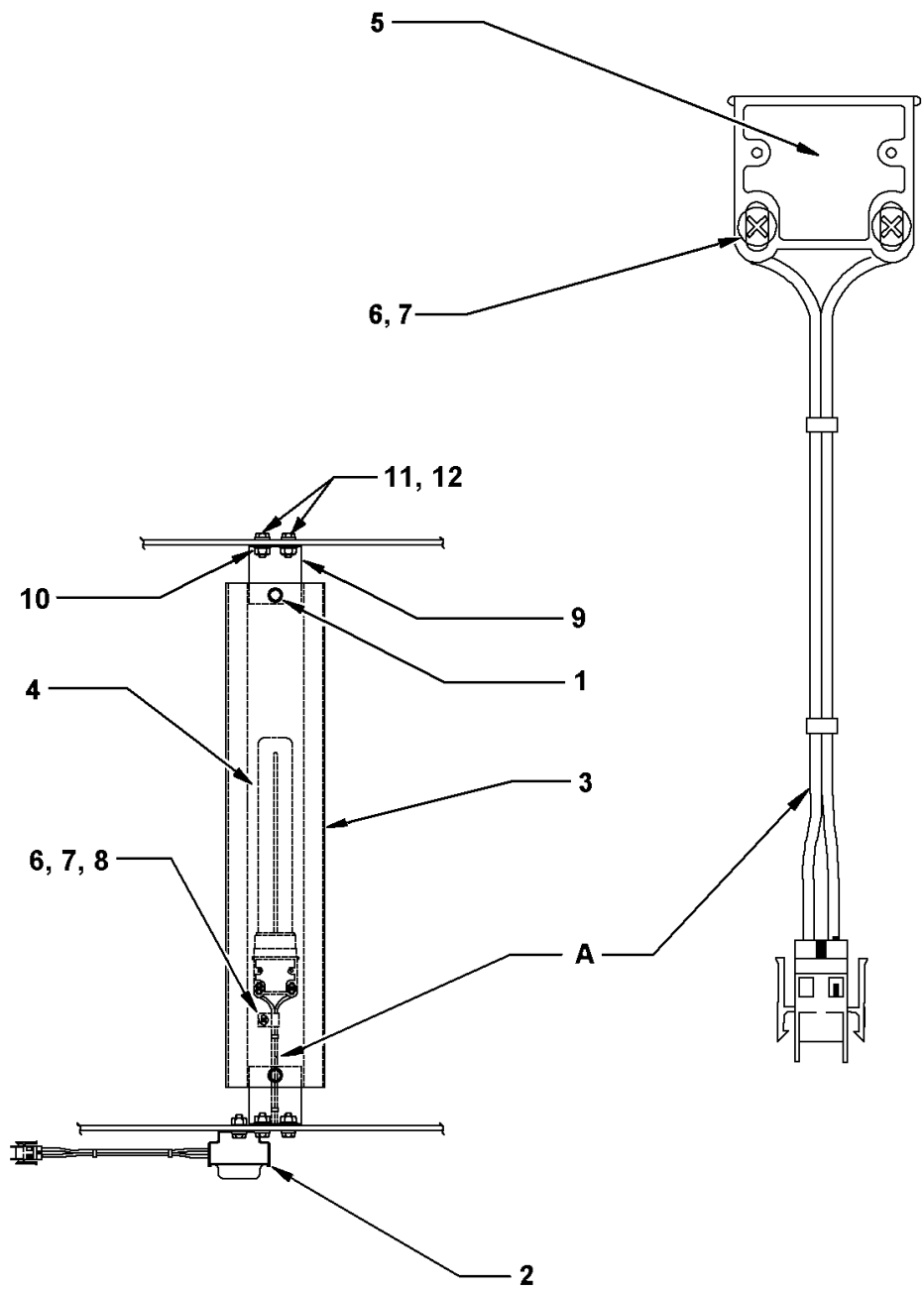


FIGURE 72
Work Light

Parts Catalog

Index No.	Part No.	Figure 72 Description	Quantity
1	102332	SCREW - Black Oxide, 10-32 x 3/8"	2
2	172310	BALLAST TRANSFORMER ASSEMBLY	1
3	172292	DEFLECTOR LIGHT - Chain Delivery	1
4	254377	LAMP - Fluorescent	1
5	172632	LAMP SOCKET ASSEMBLY	1
6	102348	SCREW - Black Oxide, 6-32 x 1/2"	6
7	001805	NUT - Hex, 6-32	3
8	250205	CLAMP - Cable	1
9	186757	BRACKET - Mounting Light, CD	1
10	150083	NUT - Lock, 10-32	5
11	014158	SCREW	5
12	000666	WASHER	5

Parts Catalog

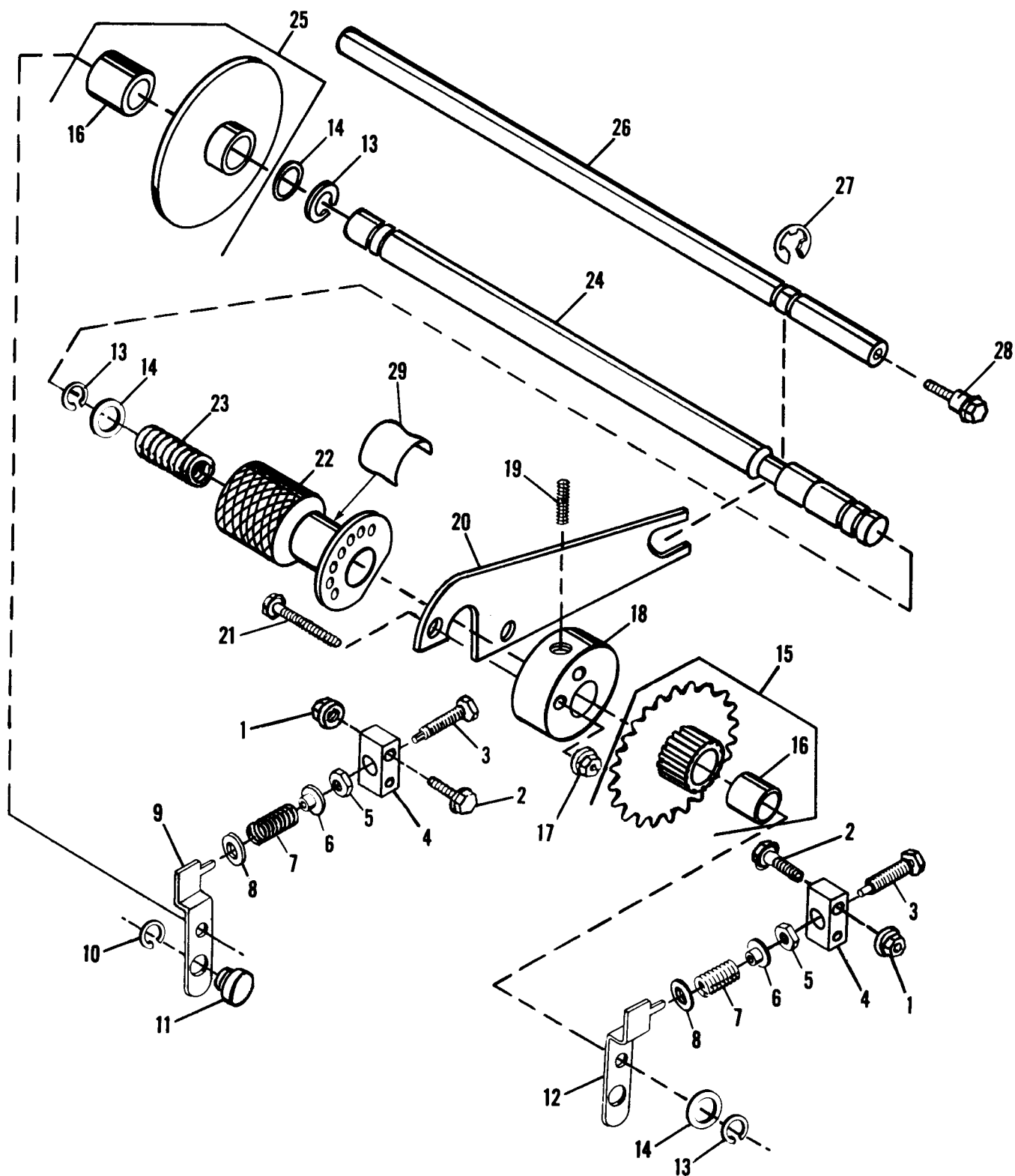


FIGURE 73
Idler Shaft Assembly

Parts Catalog

Index No.	Part No.	Figure 73 Description	Units Per Assy.
1	150083	NUT - 10-32	4
2	001260	SCREW	4
3	081528	SCREW - Tension Adjusting, 5/16-18	2
4	081527	BLOCK - Idler Tension	2
5	001840	NUT - 5/16-18	2
6	081623	RETAINER - Spring	2
7	081836	SPRING - Compression, .750 O.D. x 1.500 O.A.L. x .156	2
8	190157	SPACER - Idler Tension	2
9	016397	LEVER - Tension, N.O.S.	1
10	001076	RING - Retaining, .815 I.D. x .044	2
11	196410	PIVOT - Stud	2
12	016398	LEVER - Tension, O.S.	1
13	001784	RING - Retaining, .559 I.D. x .037	7
14	014761	WASHER - Plain, .628 I.D. x 1.000 O.D. x .029	7
15	016393	SPROCKET ASSEMBLY	1
16	001420	BUSHING - .629 I.D. x .754 O.D. x 1.000 O.A.L.	1
17	150080	NUT - 6-32	2
18	016507	HUB ASSEMBLY - W/Pin	1
19	014247	SCREW - Set, 10-32 x 1/4	1
20	016502	ARM - Roller Guide	1
21	101947	SCREW - Flat Head, 6-32 x 1-1/8	2
22	016504	CAM ASSEMBLY - Release	1
23	190220	SPRING - Compression	1
24	016396	SHAFT - Idler	1
25	016391	ROLLER ASSEMBLY	1
26	016524	TIE BAR	1
27	001094	RING - Retaining, .394 I.D. x .044	2
28	081553	SCREW - Dowel, 1/4-28	2
29	016363	DECAL	1

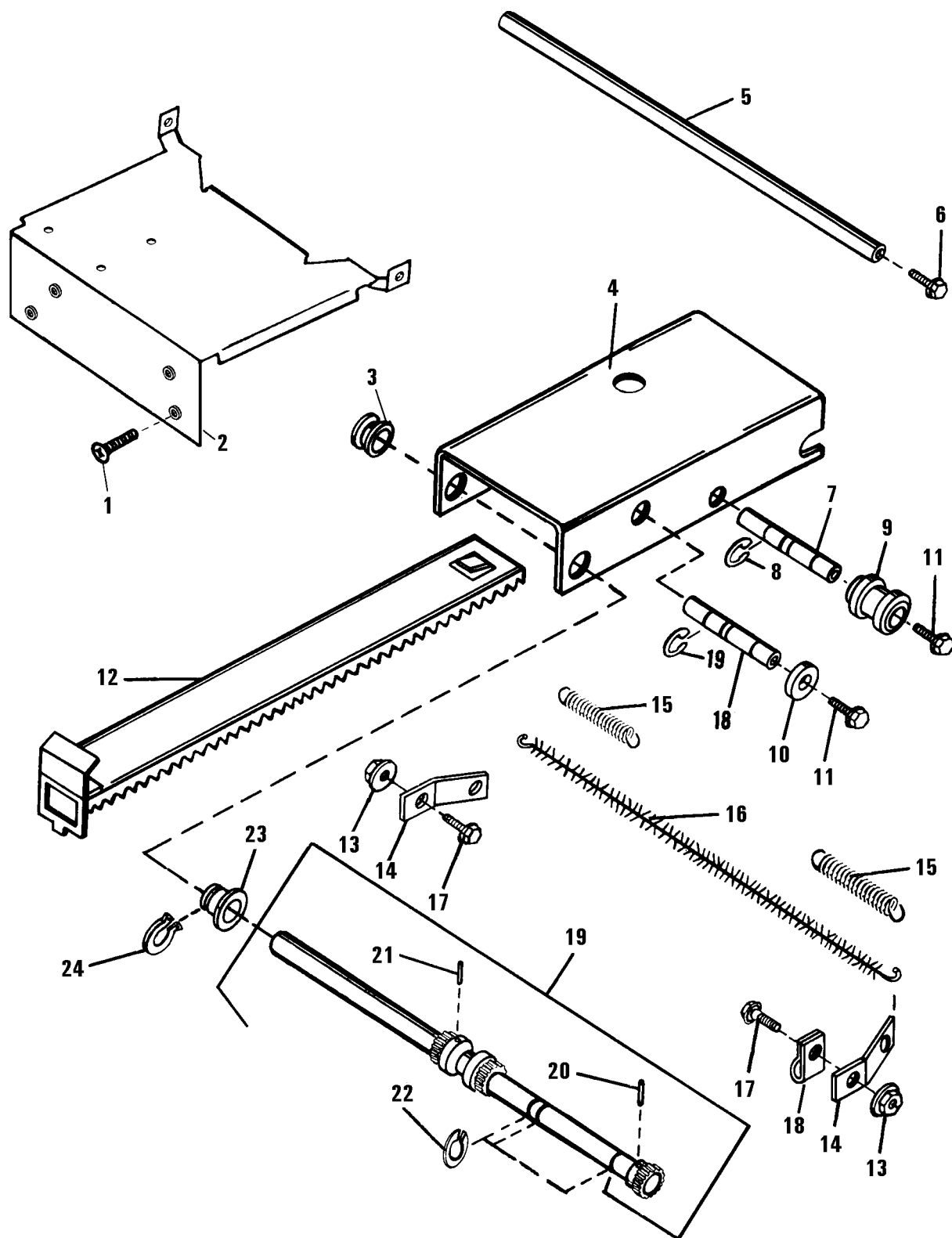


FIGURE 74
Back Jogger Mechanism - Part I

Parts Catalog

Index No.	Part No.	Figure 74 Description	Units Per Assy.
1	101494	SCREW - 1/4-20 x 5/8	2
2	402639	COVER - Shield Base	1
3	100731	BUSHING - Flanged Nylon, .501 I.D. x .562 O.D. x .078	2
4	016299	HOUSING - Back Jogger	1
5	007575	TIE BAR	1
6	193601	SCREW - Shoulder, 5/16-24	2
7	016431	SHAFT	2
8	001776	RING - Retaining, .273 I.D. x .027	4
9	016430	ROLLER - Rear	1
10	196399	ROLLER - Rack, Upper	1
11	111052	SCREW - 10-32 x 3/8	4
12	016421	RACK ASSEMBLY - Jogger	1
13	014808	NUT - 10-32	2
14	081107	CLIP - Spring	2
15	050621	SPRING - Tension, .218 O.D. x 1.218 O.A.L.	2
16	***	TINSEL	A/R
17	111054	SCREW - 10 32 x 1/2	1
18	100960	CLAMP - 1/4	1
19	016424	SHAFT ASSEMBLY - Jogger	1
20	000009	PIN - Taper, .110 O.D. x .750 O.A.L.	1
21	100521	PIN - Taper, .156 O.D. x 1.375 O.A.L.	1
22	100969	RING - Retaining, .447 I.D. x .037	3
23	196397	BUSHING - Special Flange	2
24	101938	RING - Retaining, Bowd	2
25	001541	SCREW - 6-32 x 1/4 (Not Illustrated)	2
26	111056	SCREW - 10-32 x 5/8 (Not Illustrated)	1

*** Order As Supply Item # 670 (2 rolls = 12 yds. or 10.9M each)

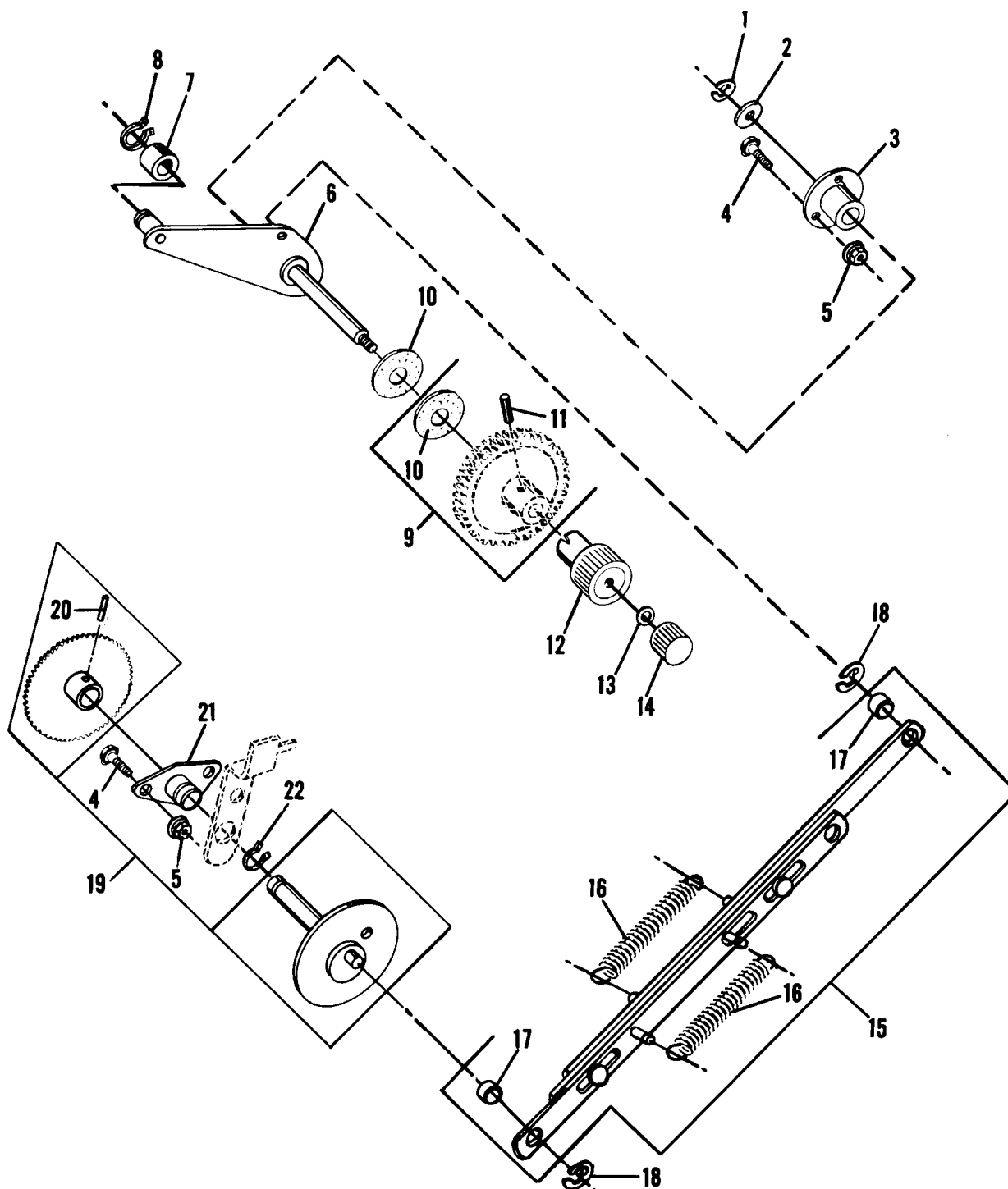


FIGURE 75
Back Jogger Mechanism - Part II

Parts Catalog

Index No.	Part No.	Figure 75 Description	Units Per Assy.
1	014510	RING - Retaining, .483 I.D. x .044	1
2	081789	WASHER - Plain, .630 I.D. x 1.000 O.D. x .064	1
3	016376	BEARING - Sprocket Shaft	1
4	111054	SCREW - 10-32 x 1/2	5
5	150083	NUT - 10-32	5
6	016486	LEVER - ASSEMBLY	1
7	054350	ROLLER	1
8	001049	RING - Retaining, .277 I.D. x .027	1
9	016489	GEAR ASSEMBLY	1
10	081597	PAD - Friction	1
11	149319	PIN - Spiral, 3/16 O.D. x 1/2 O.A.L.	1
12	027582	KNOB ASSEMBLY - Back Jogger Adjusting	1
13	016574	WASHER - .315 I.D. x .687 O.D. x .047	1
14	016933	KNOB - Back Jogger	1
15	016494	LINK ASSEMBLY - Drive	1
16	196405	SPRING - Tension, 15/32 O.D. x 2-7/8 O.A.L.	2
17	001472	BUSHING - .315 I.D. x .439 O.D. x .250	2
18	001095	RING - Retaining, .245 I.D. x .027	2
19	016472	CAM CRANK ASSEMBLY	1
20	001956	PIN - Taper, .157 O.D. x 1.000 O.A.L.	1
21	016441	BEARING ASSEMBLY	1
22	001076	RING - Retaining, .815 I.D. x .044	1

Parts Catalog

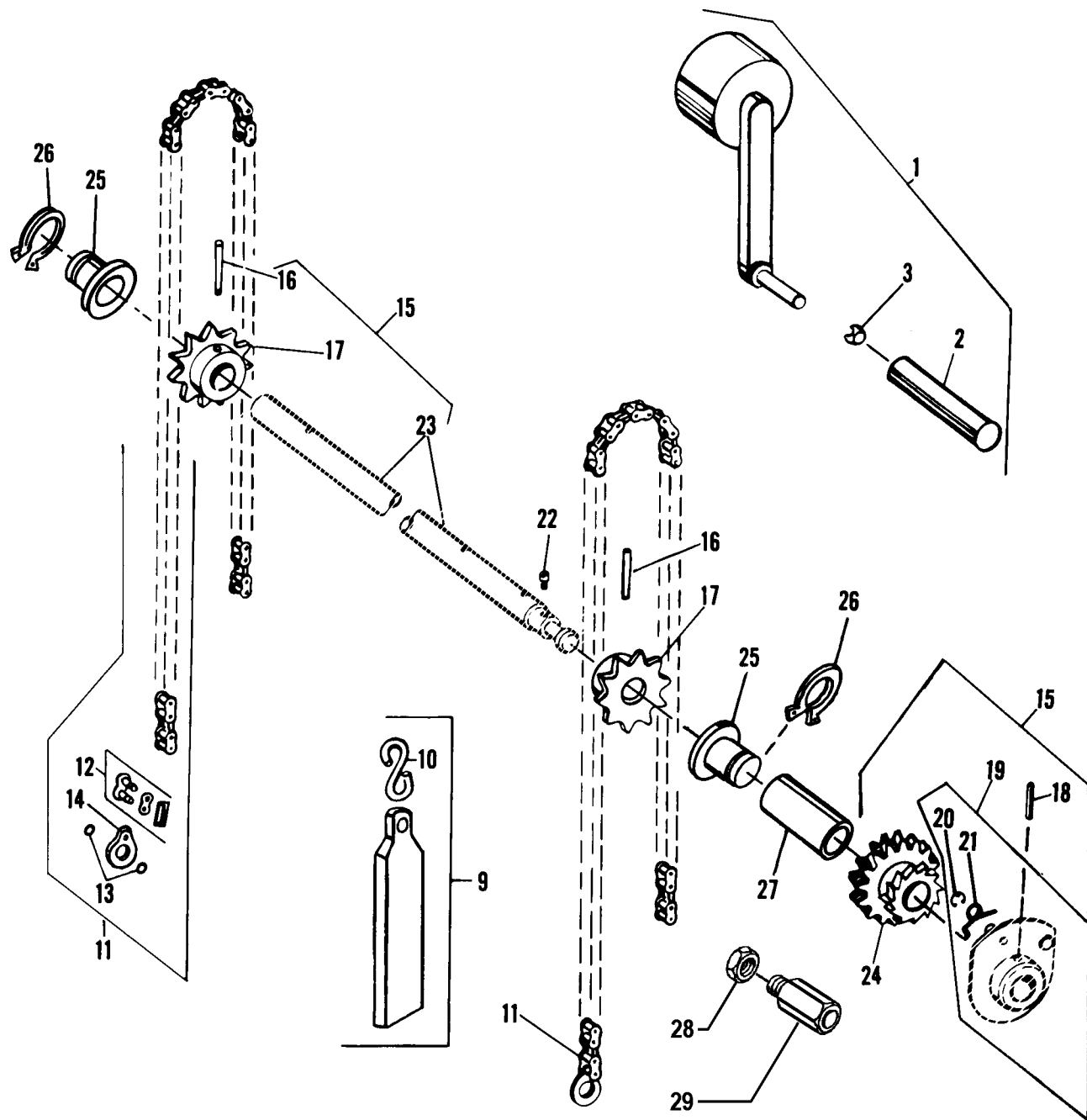


FIGURE 76
Dolly Raise Shaft Assembly

Parts Catalog

Index No.	Part No.	Figure 76 Description	Units Per Assy.
1	017714	CRANK ASSEMBLY - Table Raise	1
2	017715	HANDLE - Crank Assembly	1
3	003042	SPRING LOCK - Crank Handle	1
9	016399	WEIGHT ASSEMBLY	2
10	194835	HOOK - Chain Weight	2
11	072035	CHAIN ASSEMBLY	2
12	071576	LINK - Chain Coupler	1
13	001054	WASHER	2
14	072036	TABLE CONNECTOR	1
15	016409	SHAFT ASSEMBLY - Table Raise Crank	1
16	000014	PIN - Taper, .146 O.D. x 1.127 O.A.L.	2
17	*016411	SPROCKET - Chain Drive	2
18	001983	PIN - Roll, .167 O.D. x 1.015 O.A.L.	1
19	*016410	MOUNT ASSEMBLY - Gear Pawl	1
20	014504	RING - Retaining, .095 I.D. x .019	1
21	081720	SPRING - Pawl Pressure	1
22	101281	PIN - Drive Lock, .250 O.D. x .750 O.A.L.	1
23	*016414	SHAFT - Table Raise Crank	1
24	016412	GEAR ASSEMBLY - Crank Shaft	1
25	196397	BUSHING - Special Flange	2
26	101938	RING - Retaining, Bowed	2
27	196396	SPACER - .521 I.D. x .687 O.D. x 1.252 O.A.L.	1
▲28	197038	NUT - 11/16-24	1
▲29	400644	HUB ASSEMBLY	1
30	400579	CHAIN GUARD - Guide N.O.S. (Not illustrated)	1
31	400578	CHAIN GUARD - Guide O.S. (Not illustrated)	1
32	101165	SCREW (Not illustrated)	4

* Not Procurable Separately

▲ If spacer 196396 is required, both 197038 and 400644 are used as replacements

Parts Catalog

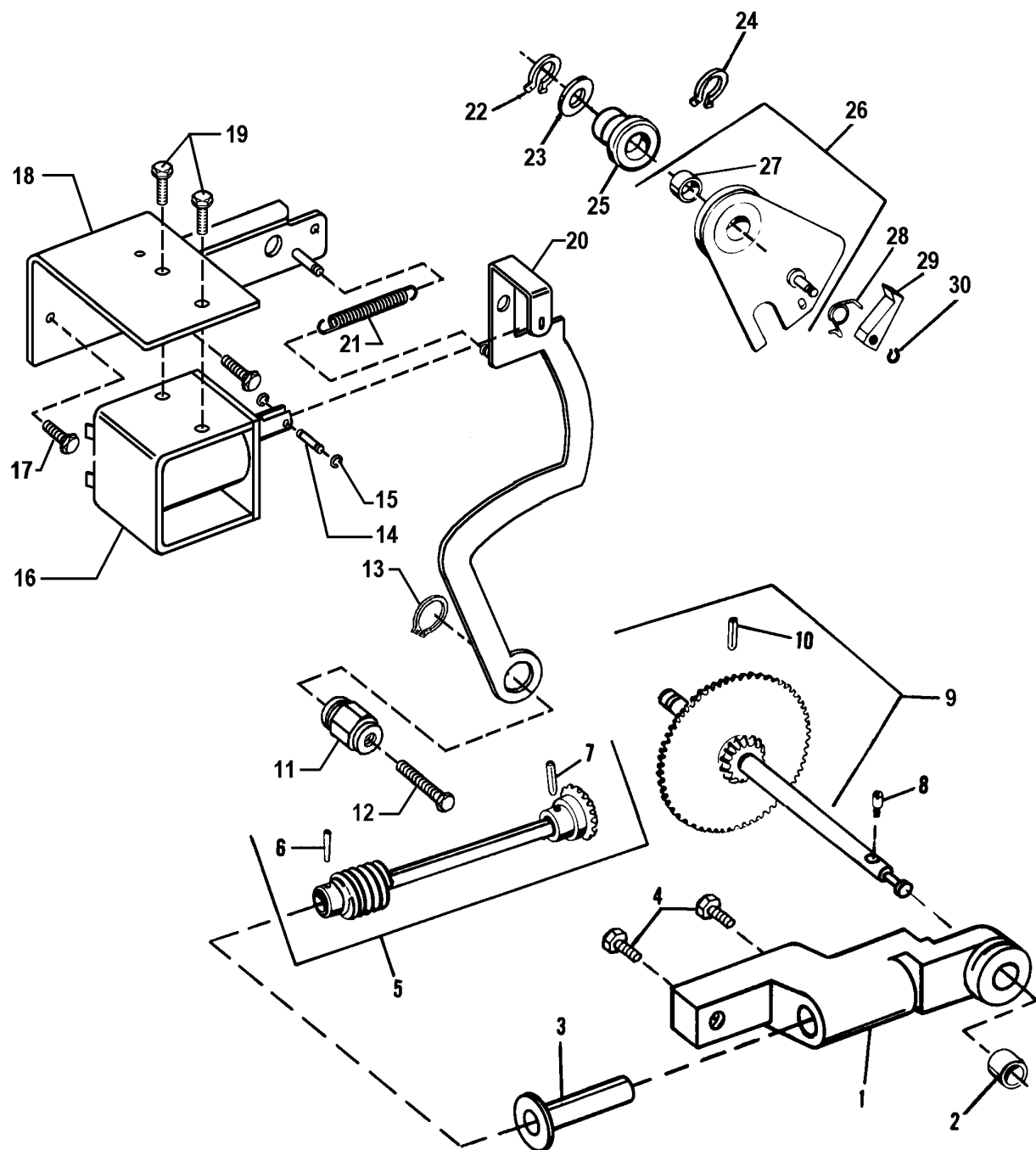


FIGURE 77
Dolly Raise Control

Parts Catalog

Index No.	Part No.	Figure 77 Description	Units Per Assy.
1	016416	SUPPORT - Worm Gear	1
2	001432	BEARING - .504 I.D. x .629 O.D. x .500	1
3	196398	BEARING - Flanged	1
4	081553	SCREW - Dowel, 1/4-28	2
5	016418	SHAFT ASSEMBLY - Worm Gear	1
6	001920	PIN - Taper, .149 O.D. x .750	1
7	001981	PIN - Roll, .199 O.D. x .827	1
8	081609	PIN - Handle Lock	1
9	402910	CRANK SHAFT ASSEMBLY - Table Control Ratchet	1
10	001978	PIN - Roll, .135 O.D. x .765	1
11	402733	STUD	1
12	111089	SCREW	1
13	014520	RING - # 25	1
14	190713	PIN	1
15	014515	RING - # 25	2
16	253375	SOLENOID - 115V AC	1
17	102334	SCREW - Hex Washer Head-10-32 x 5/8"	2
18	402731	SOLENOID MOUNTING BRACKET ASSEMBLY	1
19	111034	SCREW	2
20	186438	CONTROL LEVER ASSEMBLY	1
21	077837	SPRING - # 5	1
22	001047	RING - Retaining, .340 I.D. x .027	1
23	001755	WASHER - .385 I.D. x .625 O.D. x .047	1
24	014461	RING - Retaining Bowed, .526 I.D. x .037	1
25	196402	BUSHING - Flanged	1
26	016477	MOUNT - Ratchet Pawl	1
27	014639	BEARING - .504 I.D. x .629 O.D. x .307	1
28	081833	SPRING - Pawl Tension	1
29	081567	PAWL - Ratchet Holding	1
30	001049	RING - Retaining, .227 I.D. x .027	1

Parts Catalog

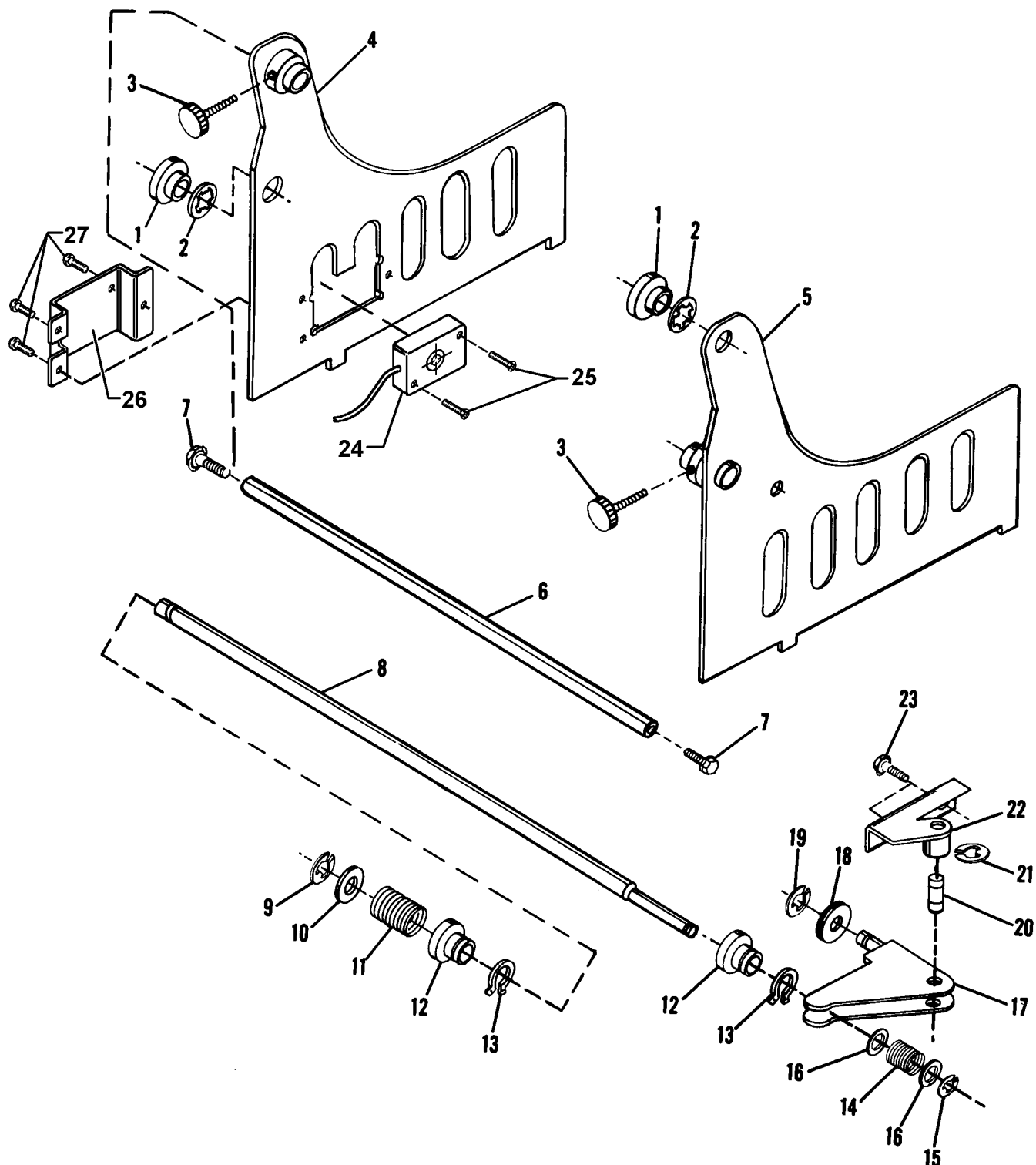


FIGURE 78
Paper Guides Chain Delivery

Parts Catalog

Index No.	Part No.	Figure 78 Description	Units Per Assy.
1	195401	BUSHING - Flanged	2
2	101023	RING - Self Locking, Push-On .627 I.D.	2
3	016450	KNOB	1/4-282
4	016461	JOGGER ASSEMBLY - O.S.	1
5	403715	JOGGER ASSEMBLY - N.O.S.	1
6	016466	TIE BAR	1
7	081553	SCREW - Dowel, 1/4-28	2
8	016452	SHAFT	1
9	001094	RING - Retaining, .394 I.D. x .044	1
10	014712	WASHER - Plain, .515 I.D. x .750 O.D. x .029	1
11	196443	SPRING - Compression, 33/64 I.D. x 2.000 O.A.L.	1
12	196397	BUSHING - Flanged	2
13	101938	RING - Retaining, Bowed	2
14	196444	SPRING - Compression, .382 I.D. x 1-5/32 O.A.L.	1
15	001080	RING - Retaining, .302 I.D. x .037	1
16	001771	WASHER - Plain, .385 I.D. x .875 O.D. x .059	2
17	016471	LEVER ASSEMBLY	1
18	016470	ROLLER ASSEMBLY	1
19	001095	RING - Retaining, .245 I.D. x .027	1
20	196453	SHAFT	1
21	001060	RING - Retaining, .208 I.D. x .027	2
22	016458	SUPPORT ASSEMBLY - Pivot	1
23	111052	SCREW - 10-32 x 3/8	2
24	402625	SWITCH PROXIMITY ASSEMBLY	1
25	112521	SCREW - 4-40 x 3/4"	2
26	173835	SENSOR MOUNTING BRACKET ASSEMBLY	1
27	001589	SCREW - # 25	3

Parts Catalog

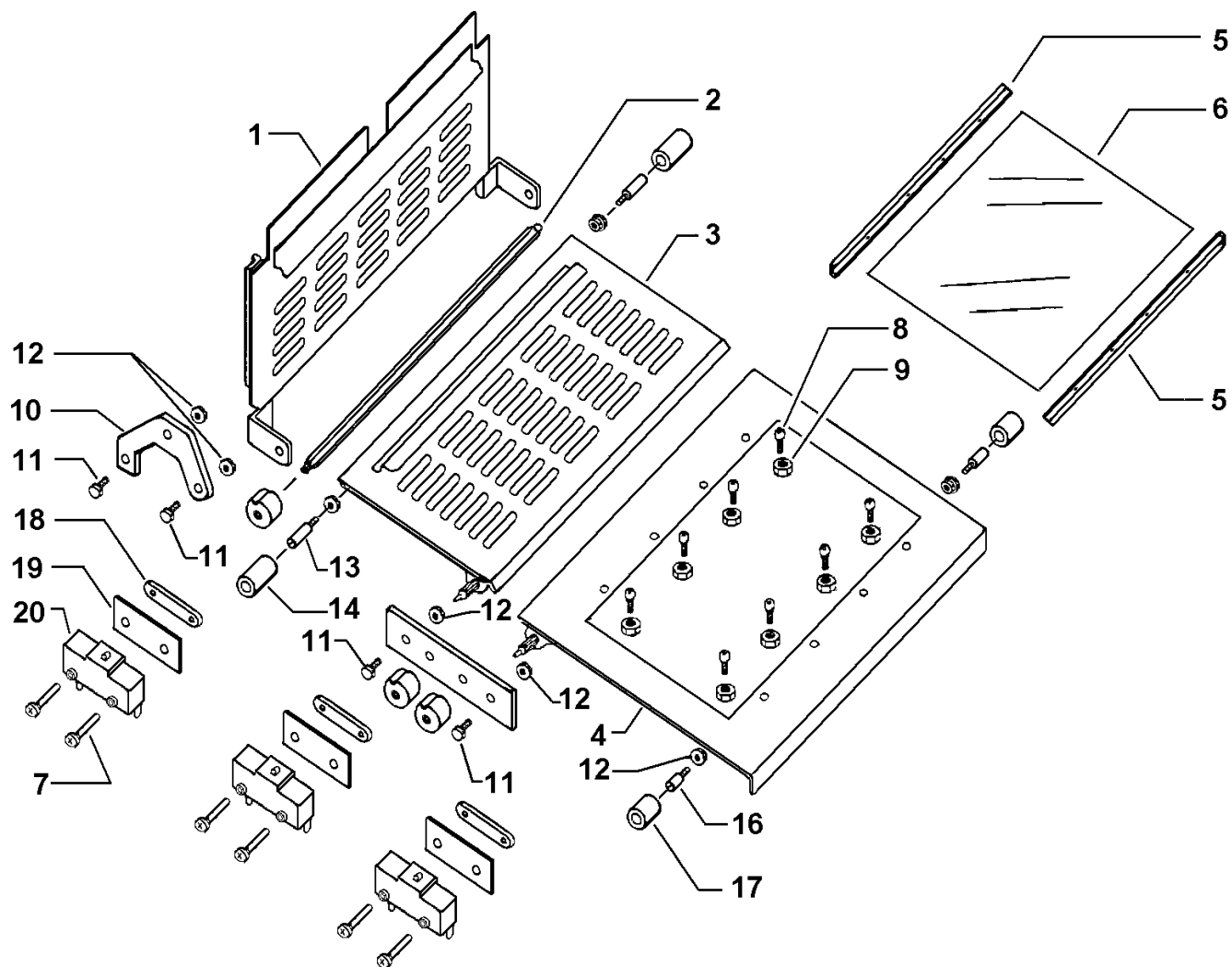


FIGURE 79
Safety Guards and Switches - Chain Delivery

Parts Catalog

Index No.	Part No.	Figure 79 Description	Units Per Assy.
1	402771	GUARD - CD Vertical	1
2	402768	SHAFT - CD CAM - GUARD	1
3	402772	GUARD - CD Front	1
4	402774	GUARD - CD Rear	1
5	402776	CLAMP - Window	2
6	402777	WINDOW	1
7	100961	SCREW - 6-32 x 7/8"	6
8	101689	SCREW - Window Clamp	8
9	100716	NUT - Window Clamp	8
10	402779	RETAINER - Guard Vertical	1
11	111054	SCREW - Retainer	4
12	150083	NUT	8
13	197458	STUD	2
14	402761	BUMPER	2
15	402780	RETAINER - C.D. Dual	1
16	074717	STUD	2
17	402755	BUMPER	2
18	190731	BRACKET	3
19	254475	INSULATOR	3
20	253211	SWITCH - Safety Guard	3

Parts Catalog

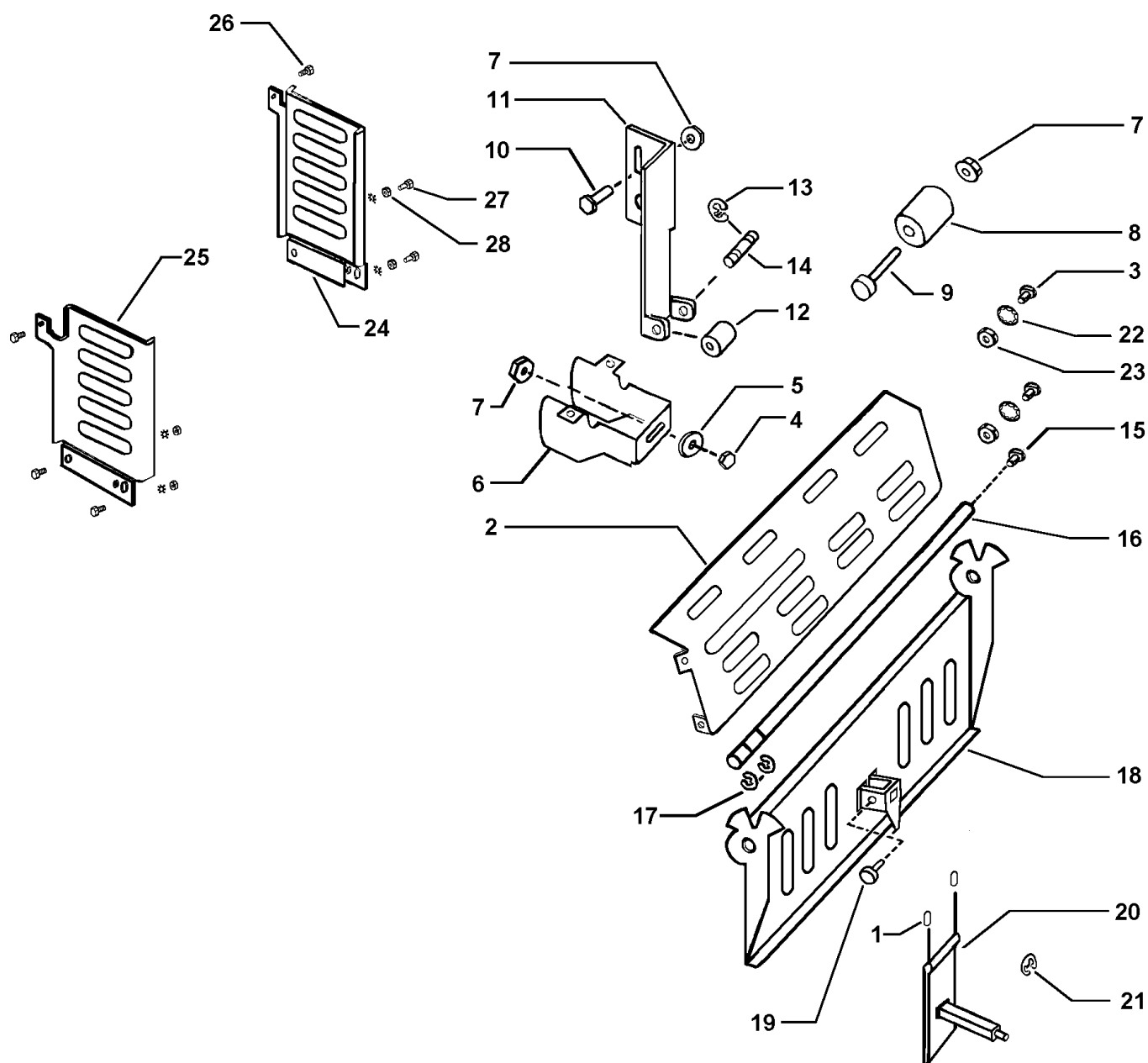


FIGURE 80
Safety Screens and Back Stop - Chain Delivery

Parts Catalog

Index No.	Part No.	Figure 80 Description	Units Per Assy.
1	101944	BUMPER - Vinyl	4
2	016528	GUARD - Rear	1
3	111071	SCREW - Threaded, 10-32	4
4	111055	SCREW - 10-32 x 9/16	1
5	016572	WASHER - Flat, 1/4 I.D. x 7/8 O.D. x .059	1
6	016469	DEFLECTOR	1
7	150083	NUT - 10-32	11
8	196454	SPACER - Guard Stop	6
9	111060	SCREW - 10-32 x 1-1/8	5
10	111052	SCREW - 10-32 x 3/8	4
11	016480	ARM - Spring, O.S.	1
11	016545	ARM - Spring, N.O.S. (Not Illustrated)	1
12	196449	SPACER	2
13	014514	RING - Retaining, .094 I.D. x .270 O.D. x .017	4
14	196450	SHAFT	2
15	081553	SCREW - Dowel, 1/4-28	2
16	016466	ROD - Tie	1
17	100969	RING - Retaining, .447 I.D. x .581 O.D. x .037	2
18	016365	DOOR ASSEMBLY	1
19	016450	KNOB - 1/4-28	1
20	016584	STOP ASSEMBLY - Paper	1
21	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	1
22	001715	WASHER - Lock 10	4
23	150085	NUT	4
24	402766	NOTCH GUARD - O.S.	1
25	402767	NOTCH GUARD - N.O.S.	1
26	111036	SCREW	2
27	111054	SCREW	4
28	150083	NUT	4

Parts Catalog

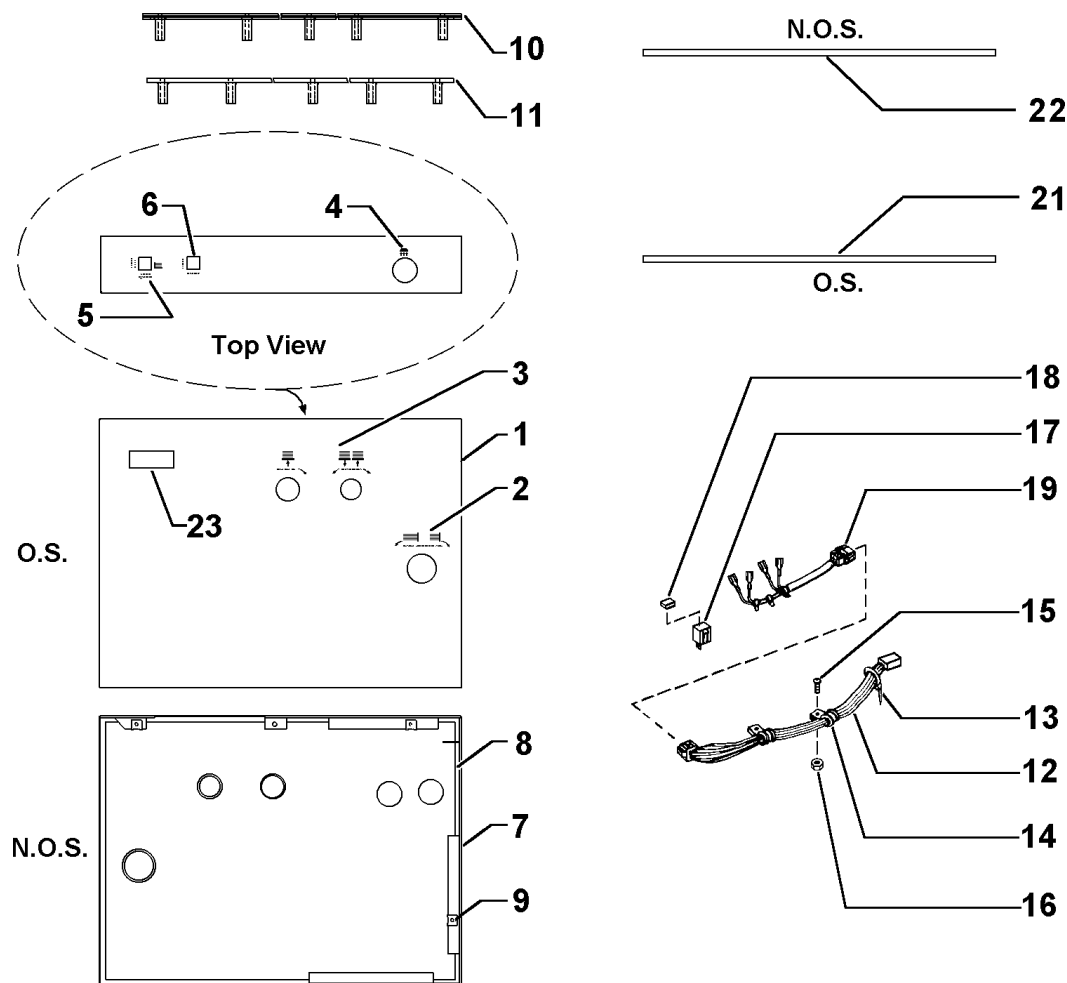


FIGURE 81
Covers and Frames - Chain Delivery

Parts Catalog

Index No.	Part No.	Figure 81 Description	Units Per Assy.
1	403951	COVER ASSEMBLY - Chain Delivery, O.S (Blue)	1
1	402985	COVER ASSEMBLY - Chain Delivery, O.S. (Gray)	1
2	172850	DECAL - Back Jog	1
3	172852	DECAL - Table Raise/Lower	1
4	403952	DECAL - Vacuum Gauge	1
5	017018	DECAL - Feed Auxiliary	1
6	017017	DECAL - Proof	1
7	403934	COVER ASSEMBLY - Chain Delivery, N.O.S., QP25 (Blue).	1
7	402981	COVER ASSEMBLY - Chain Delivery, N.O.S., QP25 (Gray)	1
8	402962	SOUND MATERIAL - O.S. and N.O.S.	2
9	101144	CLIP - Speed Nut	6
10	016446	TRACK - Chain (Lower)	2
11	016445	TRACK - Chain (Upper)	2
12	025658	HARNESS ASSEMBLY	1
13	250077	STRAP - Cable Tie	7
14	250205	CLAMP	4
15	111035	SCREW	4
16	150081	NUT	4
17	253002	SWITCH	1
18	253031	LENS	1
19	400887	HARNESS - Feed	1
20	101941	SCREW	16
21	016401	FRAME - O.S.	1
22	016402	FRAME - N.O.S.	1
23	831018	NAMEPLATE - A.B. Dick	1

Parts Catalog

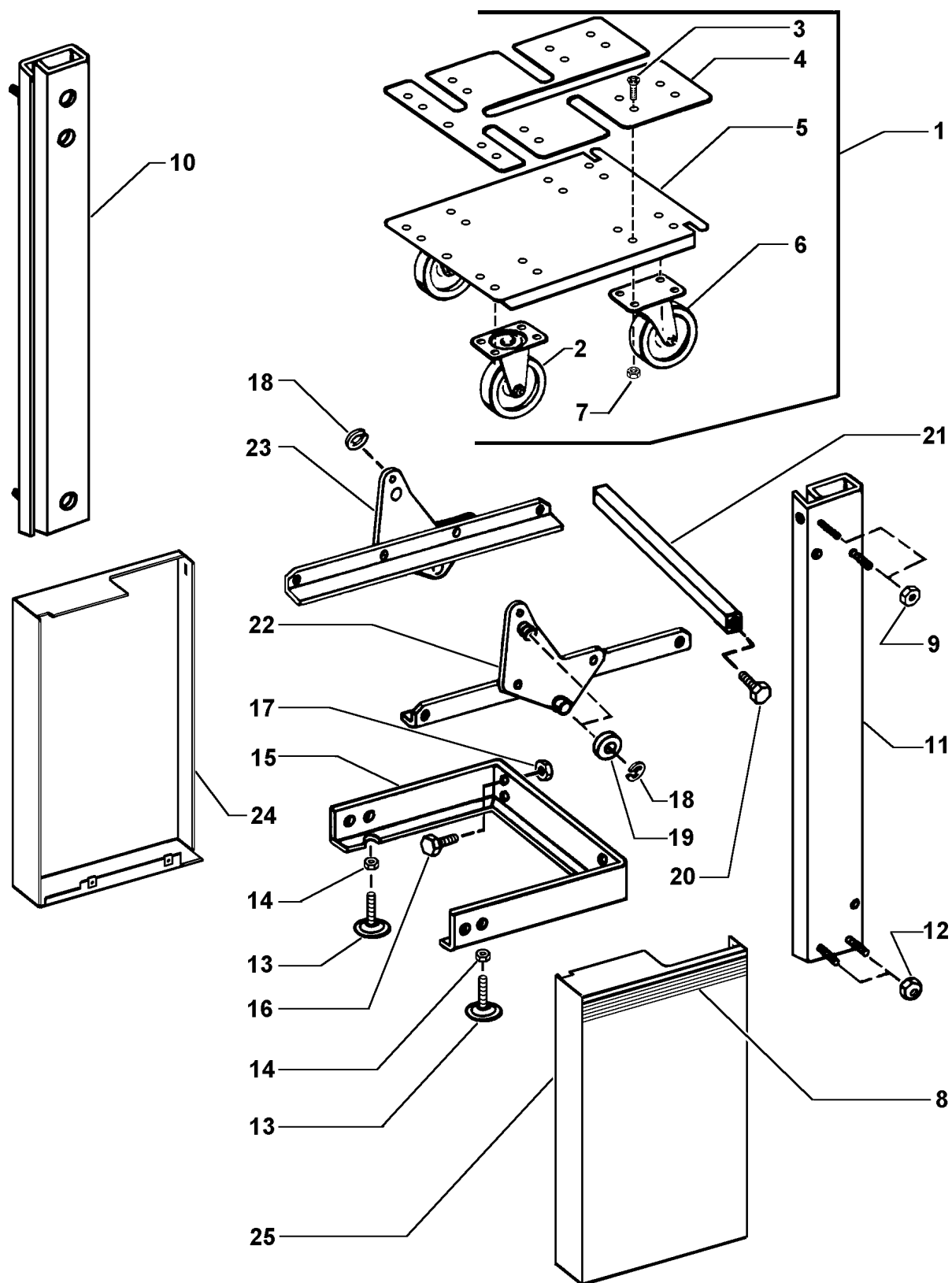


FIGURE 82
Dolly and Frame Assemblies

Parts Catalog

Index No.	Part No.	Figure 82 Description	Units Per Assy.
1	016389	DOLLY ASSEMBLY	1
2	081516	CASTER - Dolly, Swivel	2
3	197185	SCREW - Phillips, Flat Head	16
4	400900	BASE - Dolly, Top	1
5	400901	BASE - Dolly, Base	1
6	081515	CASTER - Dolly, Fixed	2
7	014809	NUT	16
8	403899	PANEL - C.D.	1
9	100871	NUT - 1/4-20	4
10	016438	CARRIER ASSEMBLY - N.O.S.	1
11	016437	CARRIER ASSEMBLY - O.S.	1
12	101943	NUT - Acorn, 1/4-20	4
13	017542	GLIDER - Yoke	2
14	001845	NUT - 3/8-24	2
15	016547	YOKE - C. D.	1
16	111091	SCREW - 5/16-24 x 3/4	4
17	150087	NUT - 5/16-24	4
18	001060	RING - Retaining, .208 I.D. x .027	6
19	196390	ROLLER - Nylon	4
20	111073	SCREW - 1/4-28 x 5/8	2
21	016405	ROD - Carrier	1
22	016401	FRAME ASSEMBLY - Carrier, O.S.	1
23	016402	FRAME ASSEMBLY - Carrier, N.O.S.	1
24	402891	COVER ASSEMBLY - C.D. Lower, N.O.S.	1
25	402890	COVER ASSEMBLY - C.D. Lower, O.S.	1

Index

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
000009	47, 149	001469	97	001824	87
000011	33	001470	97	001834	55
000012	75	001472	97, 151	001840	79, 147
000014	25, 105, 153	001493	93	001845	79, 113, 165
000020	31, 103	001495	105	001846	133
000022	75	001497	25, 41, 49	001847	71, 93
000023	75	001523	71, 113, 121	001884	11
000024	75, 115	001541	61, 75, 111, 149	001920	99, 155
000666	9, 61	001542	91, 103, 111, 115	001936	99
000895	75, 111	001548	127	001956	31, 105, 151
001044	39	001555	17, 99	001976	41, 99
001046	39, 49, 81, 93, 103, 107, 141, 143	001567	75	001978	43, 45, 47, 155
001047	7, 31, 35, 59, 89, 91, 93, 95, 101, 107, 109, 155	001575	65	001980	43, 45, 57, 83, 115
001048	25, 41, 61, 97, 115	001577	15, 43, 45	001981	79, 155
001049	7, 31, 65, 97, 107, 143, 151, 155	001586	65, 121, 129	001983	153
001054	153	001588	3, 65	001984	103
001060	19, 23, 51, 57, 63, 65, 141, 157, 165	001589	157	001987	31, 69, 105
001062	63, 93	001594	17	001990	93
001065	69	001611	9, 119	001992	57, 83
001066	69, 77	001641	127	003042	13, 39, 97, 153
001073	19	001649	7, 79	003268	51, 63
001075	49, 77, 93, 95	001650	35	003586	67
001076	39, 147, 151	001661	15	003850	107
001080	41, 63, 81, 97, 101, 103, 157, 161	001691	93	003855	5
001094	31, 39, 55, 97, 147, 157	001702	3, 25, 57, 83	005071	65, 93
001095	51, 61, 77, 85, 97, 151, 157	001715	161	005545	85
001097	39	001721	31	005620	75, 141
001098	31	001722	93, 127, 133	006936	61
001106	103	001725	51	006987	97
001207	25, 49, 51, 65	001731	141	007533	115
001220	15	001740	63, 81	007534	115
001259	11	001750	107	007549	31
001260	59, 147	001755	101, 107, 155	007554	47
001279	15	001763	113, 115	007557	41
001289	131	001766	49	007559	41
001401	109	001771	115, 157	007563	105
001404	75, 95	001772	65	007565	45
001412	89, 95	001776	149	007567	43
001416	75	001778	25	007568	25
001420	147	001781	13, 71	007569	25
001427	47	001782	73	007570	25
001432	31, 155	001784	141, 147	007575	59, 87, 149
001446	63, 81	001785	39, 97	007576	25
		001797	41, 91	007577	25, 49
		001804	25	007580	25, 49
		001805	145	007581	25
		001812	25, 49, 59, 61	007582	59
		001818	63, 81	007599	43, 45
		001821	55, 63, 79	007601	105

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
007602	105	011052	115	014369	103, 107
007609	79	011055	87	014372	47, 61, 103, 105
007613	77	011056	87	014390	7, 25, 49, 55
007614	77	011066	113	014461	155
007628	55	011076	115	014504	51, 77, 95, 143, 153
007633	69	011077	115	014507	15, 43, 47
007648	101	011229	87	014510	151
007650	103	011371	13, 39, 89, 115	014511	65
007664	77	011405	89	014514	161
007672	117	011506	111	014515	65, 81, 95, 155
007727	143	011507	111	014516	53, 77
007743	93	011948	65	014517	33, 55, 79
007745	59	012478	107	014520	155
007764	77	012705	69	014523	25, 49
007937	91	013494	59	014529	93
007980	57	013495	59	014570	67
008024	21, 59	013827	91	014576	143
008029	121	013947	115	014606	59
008156	15	014108	43, 45, 75	014608	141
009530	95	014111	53	014639	155
009531	95	014112	73	014688	39
009532	103	014121	55, 79, 121	014703	35, 95
009535	103	014149	93	014712	157
009536	103	014151	39	014721	69
009538	103	014157	41, 67, 77	014727	63, 65, 81, 101, 109
009540	103	014158	97, 103	014741	31, 141
009548	67	014164	7, 143	014748	69
009551	67	014165	77	014750	41
009553	67	014172	55, 79	014751	113
009554	67	014173	79	014761	141, 147
009558	69	014174	81	014770	3
009559	69	014180	31	014784	141
009651	77	014192	69	014797	15
009652	77	014205	77	014799	71
009662	81	014206	53, 55, 77	014807	59, 95, 127
009664	81	014207	41	014808	21, 23, 61, 63, 77, 81, 83, 93, 107, 149
009665	81	014215	13, 39, 51, 77	014809	165
009667	69	014219	5, 93, 141	014810	49, 91
009751	51, 53	014234	23	014811	103, 107, 119, 121, 135
009770	51	014245	37	014819	43, 45
009774	51	014247	147	014844	93
009791	53	014248	41, 73, 81, 99	014902	31, 39, 75, 93
009794	53	014311	11	014909	13, 97
010142	97	014313	67	014910	41
010372	55	014314	37	014912	43, 45
010378	19	014327	141	014921	19, 41, 69, 89
010379	19	014342	75	014972	55
010388	19	014350	9, 61	015034	89
011051	115	014359	103		

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
015213	39	016446	163	017151	97
016060	115	016450	157, 161	017159	65
016158	79	016452	157	017163	15
016204	87	016458	157	017478	75
016205	87	016459	111	017480	75
016206	59, 61	016461	157	017481	61
016207	59	016466	157, 161	017484	75
016290	141	016469	161	017485	75
016291	141	016470	157	017537	11
016293	141	016471	157	017539	11
016298	111	016472	151	017541	11
016299	149	016477	155	017542	113, 165
016315	11	016480	161	017545	113
016327	115	016486	151	017582	13
016363	147	016489	151	017594	115
016365	161	016494	151	017595	13, 115
016367	141	016501	143	017604	11
016368	141	016502	147	017605	11
016374	141	016504	147	017607	11
016376	141, 151	016507	147	017611	39
016378	109	016524	147	017613	39
016380	75	016528	161	017615	39
016381	143	016541	65	017616	39
016389	165	016542	141	017618	39
016391	147	016545	161	017619	47
016393	147	016547	165	017620	47
016396	147	016558	49	017622	39
016397	147	016569	121	017623	39
016398	147	016572	5, 101, 161	017626	45
016399	153	016574	13, 63, 93, 151	017627	63
016401	163, 165	016584	161	017630	39
016402	163, 165	016691	143	017636	39
016405	165	016739	65	017639	31
016409	153	016741	65	017640	31
016410	153	016895	15	017644	97
016411	153	016896	15	017645	97
016412	153	016916	65	017647	97
016414	153	016933	13, 151	017693	39
016416	155	016937	31	017702	39
016418	155	016941	61	017714	13, 153
016421	149	016942	61	017715	13, 97, 153
016424	149	017017	163	017722	113
016429	141	017018	163	017734	61, 123
016430	149	017077	55	017735	13, 43, 45, 57
016431	149	017094	11	017738	13, 93
016437	165	017125	97	017739	13, 69
016438	165	017133	103	017742	75, 125
016441	151	017134	103	017744	13, 61
016445	163	017150	99	017783	97

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
017787	13, 39	022763	101	041291	91
017788	13, 39	022766	101	041750	143
017797	15	022767	101	041774	81
017799	15	022770	103	041776	41, 101, 141
017816	83	022771	103	041777	63, 91, 97
017819	13, 61	022772	101	041821	121
017840	69	022773	101	050435	101
017977	31	022775	101	050621	149
017979	31	022778	101	054147	97
017989	31	022779	101	054350	151
017990	31	022781	49	054409	31
017996	59	022788	103	054479	121
018062	61	022796	15	055535	47
018314	19	022802	65	061452	65
018368	33	022815	129	064234	61
018383	33, 39	022824	95	064589	61
018402	103	022831	15	064590	97
018469	67	022833	81	064673	65, 81
018575	67	022838	11	071398	13, 71
018577	67	022839	59	071561	81
018580	67	022842	101	071570	107
018596	51	022844	59	071576	99, 115, 153
018602	51	022845	59	071594	47
020138	67	025123	113	071596	61
020379	61	025124	59	071606	61
021203	31, 47, 65, 107	025127	65	071610	61
021268	59	025136	15	071648	47
021457	49	025137	15	071649	47
021563	95	025139	15	072024	115
021861	117	025142	15	072029	115
021911	59	025147	115	072035	99, 153
022343	61	025194	121	072036	153
022727	49	025237	65	072037	115
022728	49	025239	125	072038	63
022729	49	025261	31	072040	63
022731	49	025303	75	072041	99
022734	49	025329	123	072044	115
022736	49	025355	127	072052	13, 39, 89, 115
022739	49	025359	15	072055	87
022740	49	025386	17	072056	87
022743	49	025405	11	072063	115
022744	49	025496	121	072064	115
022745	59	025658	123, 163	072077	99
022746	59	025667	19	072124	101
022748	59	025683	15	072125	101
022758	101	027582	151	072126	101
022759	101	032868	9	072129	63
022761	103	039642	13, 43, 45, 57, 69,	072134	103
022762	101	93, 115		072136	103

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
072143	103	072412	107	072838	121
072154	101	072413	81	072840	121
072161	121	072416	55	072852	121
072169	83	072424	59	072855	121
072175	93, 95	072427	93	072920	121
072176	93, 95	072442	63, 81, 95, 105, 107	073004	25
072177	95	072471	97	073011	25
072181	75	072472	97	073012	25
072186	93	072478	89	073014	25
072189	95	072481	89	073029	47
072199	93	072482	89, 93	073043	31
072201	93	072484	91	073091	31
072205	93	072488	93	073094	31
072207	93	072491	93	073097	43, 45
072210	95	072504	97	073098	43, 45
072220	101	072511	63, 73, 89	073107	31, 61
072230	95	072512	97	073108	25
072233	95	072534	95	073116	25
072239	95	072544	97	073120	31
072243	95	072561	91	073140	59
072245	105	072569	99	073152	25
072254	107	072570	99	073234	25
072256	119	072572	99	073316	43, 45, 49
072257	117, 119	072574	99	073327	43, 45
072261	121	072575	99	073330	59
072265	121	072576	97	073333	93
072271	43, 45	072579	97	073338	25, 43
072272	43, 45	072580	97	073339	25
072277	45	072586	97	073373	97
072278	45	072589	97	073381	97
072333	75	072595	99	073394	3
072337	75	072599	99	073443	45
072338	75	072605	75	073444	43
072349	59	072610	91	073445	45
072354	81	072620	13, 33, 97	073446	43
072357	63, 81	072621	97	073478	105
072358	63, 81	072625	31	073482	41
072362	81	072626	91	073486	105
072367	63, 81	072704	107	073493	107
072369	63	072710	105	073494	107
072370	63	072712	105	073496	107
072373	63	072717	105	073497	107
072378	81	072720	105	073498	107
072382	93	072734	107	073551	57, 83
072383	93	072741	117	073710	41
072386	63	072748	105	073712	103
072388	63	072787	75	073894	41
072389	59	072790	93, 95	074323	59
072394	55	072826	121	074324	59, 61

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
074717	17, 159	079912	31	080814	53, 77
075537	61	080032	89	080820	53, 55
075644	21, 61	080144	97	080910	53
075836	97	080153	93	080911	55
075931	41	080184	91	080956	55
075987	41	080191	71	080972	55
075991	41	080192	109	081104	77
076084	75	080263	25, 49	081106	77
076100	77	080295	25	081107	149
076124	43	080297	25	081152	89
076142	107, 117	080298	25	081515	165
076194	25	080299	25	081516	165
076218	41	080317	25	081527	147
076386	47	080349	31	081528	147
076481	43, 45	080376	75	081553	147, 155, 157, 161
076605	93	080378	75	081567	155
076607	99	080396	89	081597	151
076727	31	080397	89	081607	99
076734	39	080400	89	081609	155
076856	69	080402	89	081623	147
076882	105	080404	89	081664	141
076887	95	080407	91	081720	153
076894	105	080408	91	081762	143
076897	19	080409	89	081764	143
077301	57, 83	080410	91	081789	151
077459	31	080411	103	081833	155
077836	51, 57, 83	080414	75	081836	147
077837	155	080431	143	082057	55
078337	57	080433	41	082103	69
078338	57	080447	55, 79	082128	77, 79
078346	55	080448	57, 83	082129	79
078445	75	080449	57, 83	082131	77
078520	69, 77	080452	57, 83	082135	77
078524	69	080473	41	082172	69
078527	69	080486	79	083313	55
078541	69	080495	79	083316	71
078542	69	080496	79	083392	113
078551	69	080498	79	083393	113
078552	67	080522	71	083394	113
078556	67	080564	143	083432	13, 97
078626	23	080621	79	083594	49
078628	23	080634	39	083648	11
078646	23	080694	25, 49	083755	113
078712	77	080695	25, 49	083756	113
078714	69	080698	25, 49	083819	113
078728	79	080699	25, 49	083820	113
078744	77, 93	080715	55	083821	113
079866	71	080718	69	083822	113
079905	41	080719	67	083823	113

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
083824	113	100740	65	102192	37
083825	113	100741	45	102224	3
084248	105	100814	23	102282	121
084289	59	100815	23	102332	145
084291	59	100819	35	102334	145, 155
084407	59, 61	100863	33	102345	7
084412	25	100871	165	102348	145
084413	25	100891	63, 81	102356	7
084421	31	100960	149	102366	35
084473	115	100961	17, 159	102379	3
087496	25	100969	47, 49, 149, 161	102384	3
100110	83	100976	143	102588	3
100115	73	100997	127	102611	141
100119	115	101001	51	102653	7
100130	77	101023	157	102654	7
100131	55	101033	45	102658	117
100141	55	101051	25, 37, 57, 83	102659	115
100167	53	101086	25	102662	37
100185	71	101144	163	102663	37
100201	53	101151	127	102664	37
100228	15, 127	101165	153	102665	37
100296	79	101170	113	102667	37
100347	85	101193	7, 9, 51	110035	127
100392	67	101203	113	111033	65, 81, 95, 127, 129, 131, 133, 135
100457	15, 127	101281	153	111034	129, 155
100483	103	101332	31	111035	95, 133, 135, 163
100485	11	101374	113	111036	65, 87, 161
100490	65	101494	149	111050	9
100500	9	101515	7	111051	33, 59, 127
100508	67	101550	11	111052	115, 149, 157, 161
100521	149	101551	11	111053	31, 115
100529	127	101570	15	111054	15, 59, 65, 73, 81, 141, 149, 151, 159, 161
100554	101	101611	105	111055	29, 41, 69, 73, 75, 105, 141, 161
100576	31	101689	159	111056	73, 149
100646	71	101758	15	111057	69
100647	69	101869	113, 115	111058	73
100648	71	101876	57	111060	161
100649	69	101887	121	111068	47
100653	23, 53	101913	113	111070	19
100657	61	101938	149, 153, 157	111071	127, 161
100666	111	101941	163	111073	25, 67, 85, 87, 101, 113, 115, 117, 165
100678	103	101943	165	111074	25, 49, 75, 101, 113
100683	127	101944	161	111076	25
100685	7, 85	101947	147	111077	25
100701	117	101982	11	111079	31
100704	73	101983	19		
100716	35, 159	102031	105		
100731	149	102129	35		
100738	7	102171	105		

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
111087	141	190129	113	192997	51
111089	87, 115, 121, 155	190135	77	193323	57, 83
111091	113, 165	190137	51	193383	77
111098	65	190148	63	193397	61
111099	59	190149	49, 77, 93, 95	193549	5
112521	157	190157	147	193601	21, 23, 59, 61, 87, 149
112565	29	190179	71	193603	55
112652	5, 15	190220	147	193647	113
120-2047	119	190236	67	193774	31
122502	103	190254	31, 41	193808	87
13-0-193428	3	190329	51, 97	193810	121
13-1-193427	3	190382	47	193894	107
13-3-172338	119	190383	47	193917	45
13-4-196138	117, 119	190387	25	194695	51
13-5-190395	3	190398	121	194803	5
130033	103	190483	65	194804	77
141573	83	190713	65, 81, 95, 155	194805	91
149319	151	190731	17, 159	194808	55
149385	99	190768	83	194823	59
150050	3, 7	191289	31	194835	99, 153
150080	147	191360	77	194868	97
150081	15, 65, 87, 127, 163	191361	77	195006	51
150083	17, 29, 31, 65, 69, 73, 75, 81, 85, 89, 93, 105, 107, 111, 115, 141, 145, 147, 151, 159, 161	191367	105	195088	13, 71
150085	7, 17, 19, 23, 25, 31, 45, 49, 57, 59, 63, 81, 83, 85, 87, 89, 93, 95, 97, 105, 107, 113, 115, 117, 161	191401	77	195136	41
150087	115, 121, 165	191427	59	195140	95
150089	55, 59, 65, 79, 91, 93, 109	191428	59	195142	83
154078	65	191481	71	195188	3
172292	145	191482	69	195197	117
172310	145	191644	71, 73	195385	41
172632	145	191732	3	195387	49
172850	163	191733	49	195401	157
172852	163	191734	49	195421	83
172857	11	191736	49	195645	93
173627	43	191800	15	195684	25
173628	45	191844	107	195686	23
173835	157	191934	61	195721	55
179815	117	191939	61	195837	51
180961	117	191963	113	195930	45
186438	155	192029	39	196219	13, 39
186757	145	192152	39, 45	196221	71
190107	77	192181	95	196222	11
190110	93	192202	97	196233	95
190111	77	192273	75	196235	81
190116	87	192323	63, 81	196236	81
		192763	47	196237	81
		192766	25	196244	13, 115
		192798	47	196246	13, 43, 45, 57
		192855	65	196247	13, 93
		192900	25	196248	13, 69

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
196249	13, 61	197607	7	253543	127
196258	39	197608	7	253551	15
196262	15	197609	7	253561	11
196264	33, 59	197610	73	253562	11
196318	77	197611	9	253563	11
196386	141	197612	73	253578	65, 95
196388	109	197613	73	253655	129
196390	165	197614	73	253822	17
196393	87	197615	85	253830	15
196396	153	197616	3, 9	253831	15
196397	149, 153, 157	197617	9	253832	15
196398	155	197619	119	253852	139
196399	149	197620	9	253952	127
196402	155	197621	35	253983	129
196405	151	197622	35	253987	139
196410	147	197623	35	254211	127, 129
196412	143	197624	35	254285	127
196421	65	197625	35	254377	145
196423	65	197628	85	254475	17, 19, 159
196425	51	211079	25	254504	127
196443	157	250051	127	254507	127
196444	101, 157	250077	111, 129, 163	254559	127
196449	161	250098	133	254677	127
196450	161	250202	103, 111, 129, 133, 135	254698	127
196453	157	250203	133, 135	254893	15
196454	161	250204	133, 135	254894	129
196469	95	250205	75, 133, 145, 163	400545	11
196470	113	250206	131, 135	400546	115
196473	143	250256	111	400578	153
196475	25, 49	250257	111	400579	153
196633	71	250258	111	400584	115
196769	49	250259	111	400598	129
196778	49	250273	9, 119, 133, 135	400613	113
196780	101	250493	129	400644	153
196783	101	252842	131	400646	25
196784	101	253002	163	400822	15
196787	49	253025	65	400824	15
196790	101	253027	139	400845	127
196884	5	253031	163	400861	127
197038	153	253211	19, 159	400867	129
197043	25	253375	81, 155	400887	123, 163
197178	71	253383	15	400900	165
197185	165	253474	65	400901	165
197393	73	253475	65	401209	127, 131, 139
197417	73	253491	127	401212	127, 129
197425	51	253492	127	401322	77
197456	13, 61	253529	139	401678	127
197458	159	253531	139	401707	77
197543	35	253542	127	401727	77

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
401728	77	402733	155	403435	129
401997	13, 71	402754	17	403436	129
402016	19	402755	17, 159	403443	127
402020	19	402761	159	403708	11
402023	19	402766	161	403713	33
402024	61	402767	161	403715	157
402145	121	402768	159	403717	113
402158	121	402771	159	403718	113
402165	51	402772	159	403719	125
402173	51	402774	159	403720	127
402176	51	402776	159	403721	15
402177	51	402777	159	403722	127
402178	51	402779	159	403725	129
402179	51	402780	159	403727	129
402180	51	402785	19	403730	135
402181	51	402786	17	403731	129, 135
402182	51	402825	135	403732	129, 135
402183	51	402845	113	403733	127, 129, 135
402184	51	402855	127	403734	123, 125, 137
402185	51	402883	113	403735	123, 125, 137
402186	51	402890	165	403736	133, 137
402187	51	402891	165	403737	133, 135, 137
402188	51	402910	155	403738	131, 135, 137
402190	51	402926	163	403739	143
402238	11, 127	402941	11	403740	13, 93
402297	127	402948	11	403743	127
402298	127	402958	19	403745	127
402300	121	402959	11	403747	133, 137
402301	121	402960	11	403748	125, 137
402400	121	402961	11	403749	11, 127
402466	99	402962	163	403752	11, 127
402529	129	402963	11	403753	13, 93
402531	129	402964	11	403754	125, 137
402615	127	402965	11	403755	123
402624	15	402966	11	403756	73
402625	157	402978	11	403757	3
402626	127	402981	163	403758	61
402628	15	402985	163	403763	71, 73
402630	15	403010	113	403765	73
402632	127	403088	135	403766	73
402637	15	403091	121	403770	73
402639	149	403092	121	403771	73
402657	129	403101	15	403774	73
402658	129	403103	25	403775	73
402661	127, 137	403214	105	403776	73
402662	127, 137	403294	3	403781	73
402665	131, 139	403357	121	403782	73
402673	125	403412	11	403783	73
402731	155	403418	11, 127	403784	73

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
403785	73	403863	9	403947	3, 119
403786	73	403864	7	403948	119
403787	73	403865	7	403949	117
403788	73	403866	7	403950	117
403789	73	403867	7	403951	163
403790	85	403868	7	403952	163
403791	85	403869	7	403954	35
403793	85	403870	7	403955	35
403794	85	403871	7	403957	35
403795	85	403873	7	403959	35
403796	83, 85	403874	7	403960	35
403797	73	403875	7	403962	35
403798	73	403877	7	403963	35
403800	3	403878	7	403966	35
403802	3	403879	7	403967	35
403803	3	403880	7	403968	31
403804	3	403881	7	403969	33
403805	3	403882	7	403971	33
403809	3	403883	9	403972	33
403822	3	403884	119	403974	33
403823	115	403886	117	403976	35
403824	115	403888	117	403977	35
403827	115	403889	13, 117	403980	5
403828	115	403892	9	403981	5
403831	115	403894	9	403988	5
403834	9	403895	9	403989	5
403838	115	403896	9	403990	5
403839	115	403897	95	403991	5
403841	7	403899	165	403992	5
403842	7	403915	7	403993	5
403843	7	403916	7	403994	7
403844	7	403917	7	403995	7
403845	7	403923	7	403996	9
403846	7	403926	3	403997	35
403847	7	403927	3	404000	37
403848	7	403933	3	404005	37
403849	9	403934	163	404006	37
403850	7	403935	77	404007	37
403851	7	403936	9	404008	37
403852	7	403937	5	404009	37
403853	7	403938	11	404010	33
403854	7	403939	11	404012	37
403855	7	403940	119	404013	37
403856	7	403941	119	404014	37
403857	7	403942	119	404015	37
403858	7	403943	119	404016	37
403859	7	403944	119	404018	67
403861	9	403945	9, 119	404020	31
403862	9	403946	7, 9, 119	404021	31

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
404022	31	VG92601	27		
404023	31	VG92604	27		
404024	31, 33	VG92740	29		
404025	37	VG92750	29		
404026	37	VG92760	29		
404027	37	VG92765	29		
404062	9	VG92773	29		
831018	163	VG92778	29		
V		VG92940	27		
VG90755	29	VG93543	29		
VG90910	29	VG93555	29		
VG90920	29	VG93602	29		
VG91111	27	VG93609	29		
VG91219	27	VG93794	29		
VG91649	27	VG93799	29		
VG91689	27	VG93801	29		
VG91802	27	VG93805	29		
VG91811	27	VG93809	29		
VG91813	27	VG93811	29		
VG91816	29	VG93814	29		
VG91817	29	VG93818	29		
VG91853	27	VG93930	29		
VG91867	29	VG94136	29		
VG91875	29	VG94365	27		
VG91907	27	VG94982	29		
VG91910	29	VG94986	29		
VG91915	27	VG94987	27		
VG91949	27	VG94991	27		
VG91956	29	VG94993	27		
VG91965	27	VG94994	27		
VG91997	27	VG94995	27		
VG92007	27	VG94997	27		
VG92222	27	VG94998	27		
VG92234	27	VG94999	29		
VG92236	27	VG95996	27		
VG92238	27	VG98750	27		
VG92259	27				
VG92290	27				
VG92291	27				
VG92303	27				
VG92304	27				
VG92370	27, 29				
VG92401	27				
VG92415	27				
VG92460	27				
VG92470	27				
VG92491	27				

A.B.Dick Company
Worldwide Headquarters
7400 Caldwell Ave.
Niles, Illinois 60714
(800)-422-3616
(847)-779-1900
(847)-647-6940 Fax
www.abdick.com

