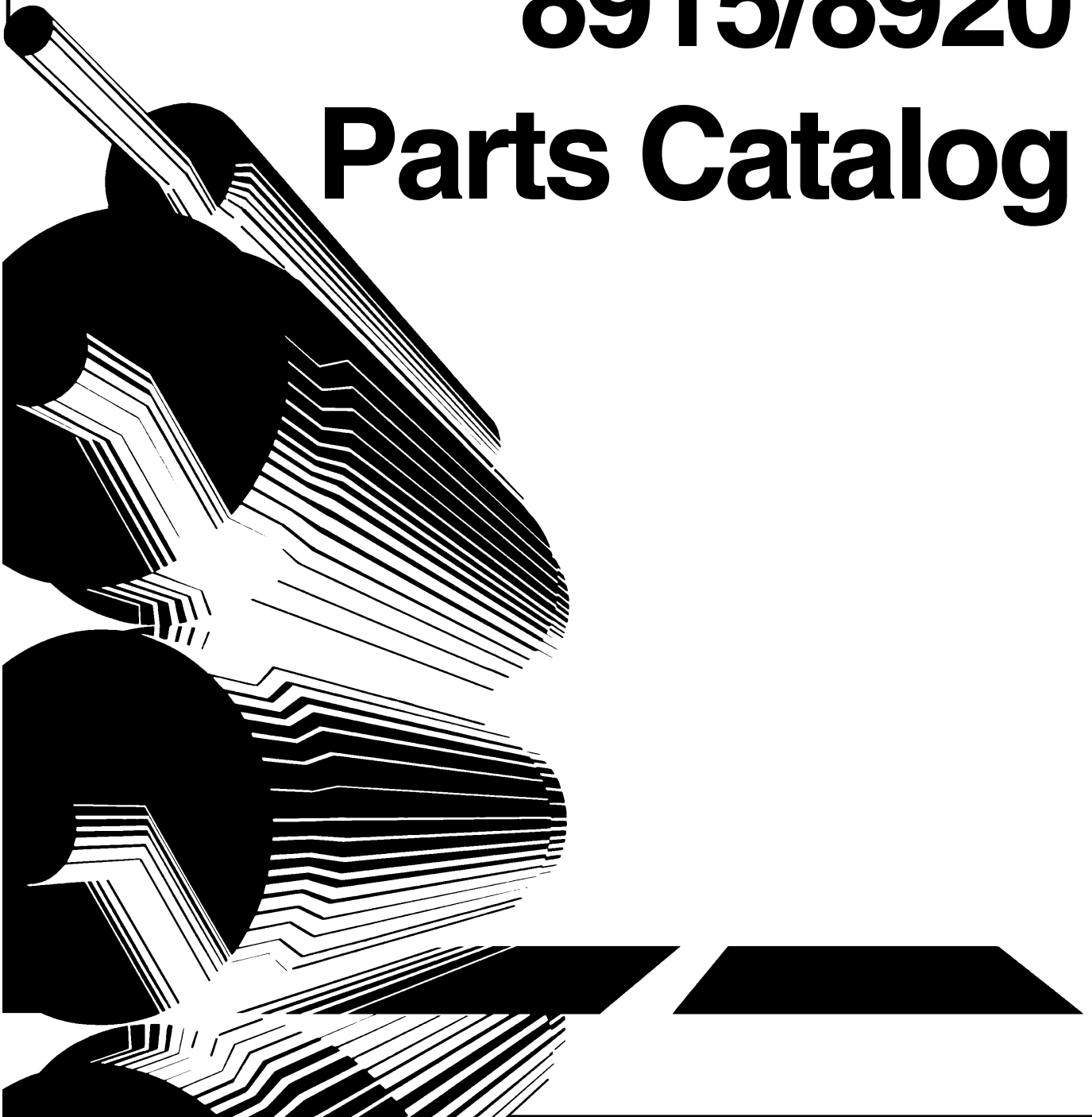




8915/8920 Parts Catalog



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.

MODEL 8915/8920 OFFSET DUPLICATORS GENERAL INFORMATION

NOTE TO USERS OF CATALOGS:

The part numbers for all differences in electrical values, wherever possible, have been moved to the bottom portion of that particular index page.

PARTS IDENTIFICATION AND ORDERING INSTRUCTIONS

- I. Order Repair Parts by part number only. Do not order by figure and index numbers.
- II. It is not impossible to have 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. (***) Is used for all other pertinent remarks.
 - B. Abbreviations
 1. O.S. = Operator Side
 2. N.O.S. = Non Operator Side
 3. I.D. = Inside Diameter
 4. O.D. = Outside Diameter
 5. O.A.L. = Overall Length
 6. NPT = National Pipe Thread
 7. V. = Volts
 8. Hz. = Cycles Per Second
 9. Amp. = Amperes
 10. HP. = Horse Power
 11. Dia. = Diameter
 12. A/R = As Required

Contents

A

Air and Vacuum Valve Assembly	114
Aquamatic - Part I	18
Aquamatic - Part II	20
Aquamatic Control Lever Assembly	22

B

Back Jogger Mechanism - Part I	122
Back Jogger Mechanism - Part II	124
Base Frames and Hardware	102
Blanket Cylinder Assembly	52
Buckle Adjusting and Lever Assemblies	70

C

Cam Shaft Assembly	88
Chain Delivery Frame Assemblies	132
Compressor Assembly	110
Control and Switch Box Assemblies - Part I	94
Control and Switch Box Assemblies - Part II	96
Control and Switch Box Assemblies - Part III	98
Control Levers and Impression Cylinder Latch	66
Control Panel	8
Counter and Feed Levers	64
Cover Assembly	4
Covers (C.D.) and Chain Support	138

D

Delivery Roller and Stripper Assemblies	90
Dolly, Table and Frame Assemblies	140
Dolly Table Control	128
Dolly Table Crank Assembly	126
Drive Motor	108

F

Feed Link Assemblies	74
Feed Table and Feed Adjusting Mechanism	104
Feed Table Release Lever	84
Form Roller Separator Shaft	36

G

Gap Control - Impression Cylinder	62
Gripper Bar and Chain Assemblies	118

H

Hand Wheel and Drive Shaft Assemblies	56
Hold Down Roller Assembly	92

I

Idler Shaft Assembly	120
Impression Cylinder Assembly	58
Impression Cylinder Shaft and Support Arms	60
Index	144
Ink Distributor and Ductor Rollers	28
Ink Metering Assembly	38
Ink Metering Linkage	40

K

Knobs, Handles and Cranks	6
---------------------------------	---

L

Lower Form Roller and Shaft Assembly	34
--	----

M

Main Tie Bar Assembly - Part I	76
Main Tie Bar Assembly - Part II	78
Master Cylinder Assembly	42
Master Cylinder Lever Assemblies	50
Master Cylinder Shaft and Support Arms	44

O

Oil-Less Pump Assembly	112
Operation Control Lever	46

P

Paper Feed Mechanism	72
Paper Guide Assemblies	130
Paper Guides and Mounting Bar	2
Paper Height Adjustment	82
Print Adjusting and Blanket Cylinder Assembly	54

R

Receiving Tray Assembly	10
Rider Roller	26

S

Safety Guards - Part I	12
Safety Guards - Part II	14
Safety Guards - Part III	16
Safety Screens and Back Stop - Part I	134
Safety Screens and Back Stop - Part II	136
Side Frames and Tie Bars	68
Sprocket Shaft and Paper Guide Assemblies	116
Sucker Foot Assembly	80

T

Table Raising Mechanism	106
--------------------------------------	------------

U

Upper Form Roller and Shaft Assembly	32
Upper Side Frames	48

V

Vacuum Make and Break Control	86
--	-----------

W

Waver and Oscillating Rollers	24
Waver Roller	30
Wire Harness Map	100
Worklight Assembly	142

MODELS

8915/8920

Paper Guides and Mounting Bar

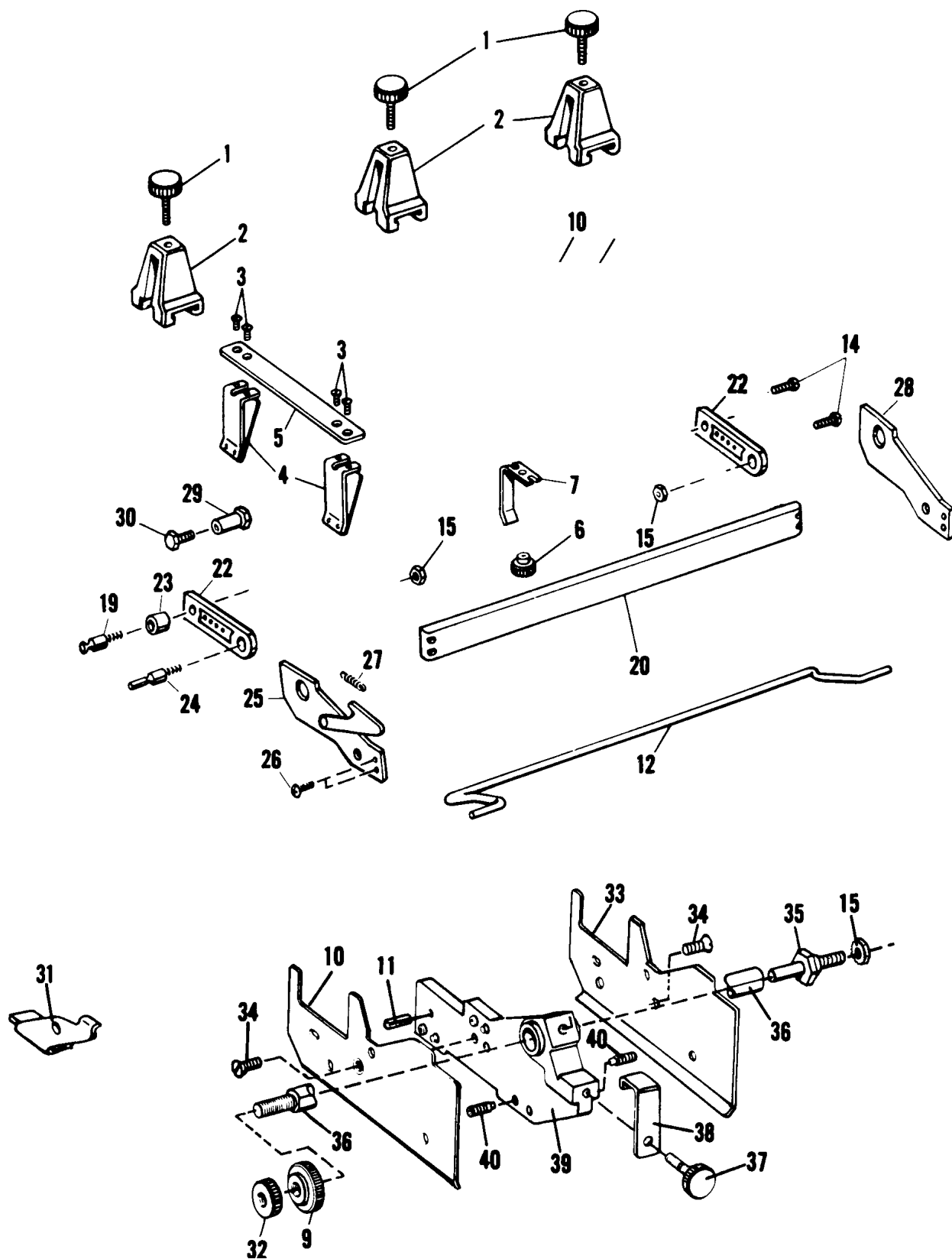


FIGURE 1
Paper Guides and Mounting Bar

Paper Guides and Mounting Bar

Index No.	Part No.	Figure 1 Description	Units Per Assy.
1	073394	SCREW - Thumb	3
2	073385	CLAMP - Adjusting	3
3	014225	SCREW - 8-32 x 1/4	4
4	073472	SPRING - Guide Retainer	2
5	073469	PLATE - Retainer	1
6	072292	NUT - Thumb	1
7	073467	GUIDE - Back	1
8	073468	PLATE - Center	1
9	075887	KNOB - Micro Guide, 3/8-24	1
10	400657	PLATE - Micro Guide, L.H.	1
11	100579	PIN - Roll, .199 O.D. x .640 O.A.L.	1
12	078429	WEIGHT - Paper, Standard	1
12	074652	WEIGHT - Paper, Light Weight	1
14	111075	SCREW - 1/4-28 x 7/8	2
15	150085	NUT - 1/4-28	5
19	072197	STUD	2
20	076888	BAR - Mounting, Long Swing Up	1
22	076893	STOP - Paper Guides, Swing Up Bar	2
23	195367	SPACER - .255 I.D. x .437 O.D. x .377	4
24	195327	ANCHOR - Spring	1
25	076890	SIDE PLATE - O.S., Swing Up Guide Bar	1
25	111055	SCREW - 10-32 x 9/16	4
27	192142	SPRING - .243 O.D. x .720 O.A.L.	1
28	076889	SIDE PLATE - Swing Up Guide Bar, N.O.S.	1
29	195359	NUT - Adapter, Latch	1
30	014230	SCREW - 1/4-28 x 1/2	1
31	076887	BRACKET - Stop	1
32	196171	KNOB - Micro Guide	1
33	400658	PLATE - Micro Guide, R.H.	1
34	100583	SCREW - Guide Plate Mounting, 1/4-28 x 1/2	2
35	194897	STUD - Micro Guide Adjusting	1
36	075886	SHAFT - Micro Guide	1
37	075890	KNOB - Lock, 1/4-28 x 1-1/32	1
38	075888	PLATE - Retainer	1
39	400656	BRACKET ASSEMBLY - Dual Micro Guide Adjustment	1
40	100177	SCREW - Set, (Nylok), 1/4-28 x 1/2	4

Cover Assembly

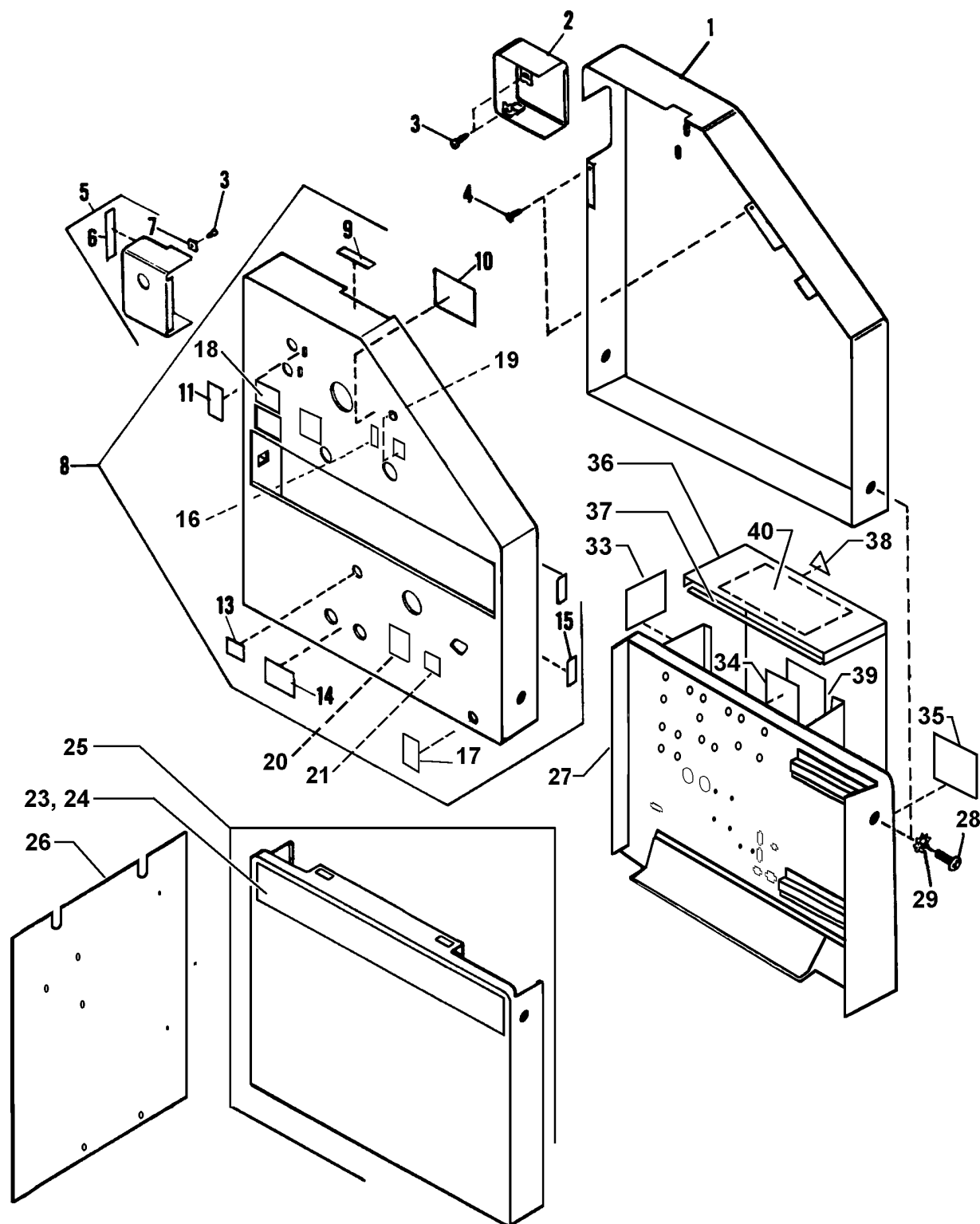


FIGURE 2
Cover Assembly

Cover Assembly

Index No.	Part No.	Figure2 Description	Units Per Assy.
1	402941	COVER ASSEMBLY - N.O.S., Top - 8900 Series	1
1	402941B	COVER ASSEMBLY - N.O.S., Top - 8900 Series (Black)	1
2	017539	COVER ASSEMBLY - Ink, N.O.S.	1
2	017539B	COVER ASSEMBLY - Ink, N.O.S. (Black)	1
3	014311	SCREW - 8-15 x 5/8	8
4	101145	SCREW - 10-32 x 7/16	14
5	017537	COVER ASSEMBLY - Ink, O.S.	1
5	017537B	COVER ASSEMBLY - Ink, O.S. (Black)	1
6	017541	DECAL - Ink	1
7	000884	NUT - Speed,	8
8	402947	COVER ASSEMBLY - Top	1
8	402947B	COVER ASSEMBLY - Top (Black)	1
9	017603	DECAL - Water Control	1
10	017608	DECAL - Operation Control	1
10	402803	DECAL - Operation Control	1
11	017607	DECAL - Form Rollers	1
12	191500	ACTIVATOR (For Decals)(Not Illustrated)	1
13	017604	DECAL - Buckle Control	1
14	017606	DECAL - Air/Vacuum Control	1
15	017605	DECAL - Paper Height Regulator	1
16	402961	SOUND DAMPENER - Top Cover N.O.S. (Not Illustrated)	1
17	172857	DECAL - Lateral Paper Adjust	1
18	402874	DECAL - Drive/Pump	1
19	402963	DECAL - Image Raise/Lower	1
20	402964	DECAL - Table Crank	1
21	402965	DECAL - Table Release	1
22	402966	DECAL - Maximum Load	1
23	403476	PANEL - 8915	1
23	403615	PANEL - 8915 (For Black Machine)	1
24	403477	PANEL - 8920	1
24	403616	PANEL - 8920 (For Black Machine)	1
25	402978	COVER ASSEMBLY - Lower O.S.	1
25	402978B	COVER ASSEMBLY - Lower O.S. (Black)	1
26	010321	PANEL - Base, Rear	1
27	403620	COVER/ CONTROL BOX ASSEMBLY - Lower N.O.S.	1
27	403620B	COVER/ CONTROL BOX ASSEMBLY - Lower N.O.S. (Black)	1
28	196222	SCREW - Painted, 10-32 x 5/8	4
29	100485	LOCK - Washer	4
30	191500	ACTIVATOR (For Decals)(Not Illustrated)	1
31	402960	SOUND DAMPENER - Upper Top O.S. (Not Illustrated)	1
32	402959	SOUND DAMPENER - Lower Top O.S. (Not Illustrated)	1
33	402815	DECAL - Circuit Breaker	1
34	402816	DECAL - Drive Pump Motor	1
35	402810	DECAL - Connectors	1
36	402871	COVER ASSEMBLY - Control Box	1
36	402871B	COVER Control Box (Black)	1
37	025405	GASKET	1
38	400545	LABEL - Shock	1
39	402812	DECAL - Transformer Top	1
40	403624	DECAL - Component ID (8900)	1

NOTE: 196222 screws are used to attach redesigned covers. If a new cover is installed in place of the previous design, holes must be drilled and tapped to accommodate mounting cover.

Knobs, Handles and Cranks

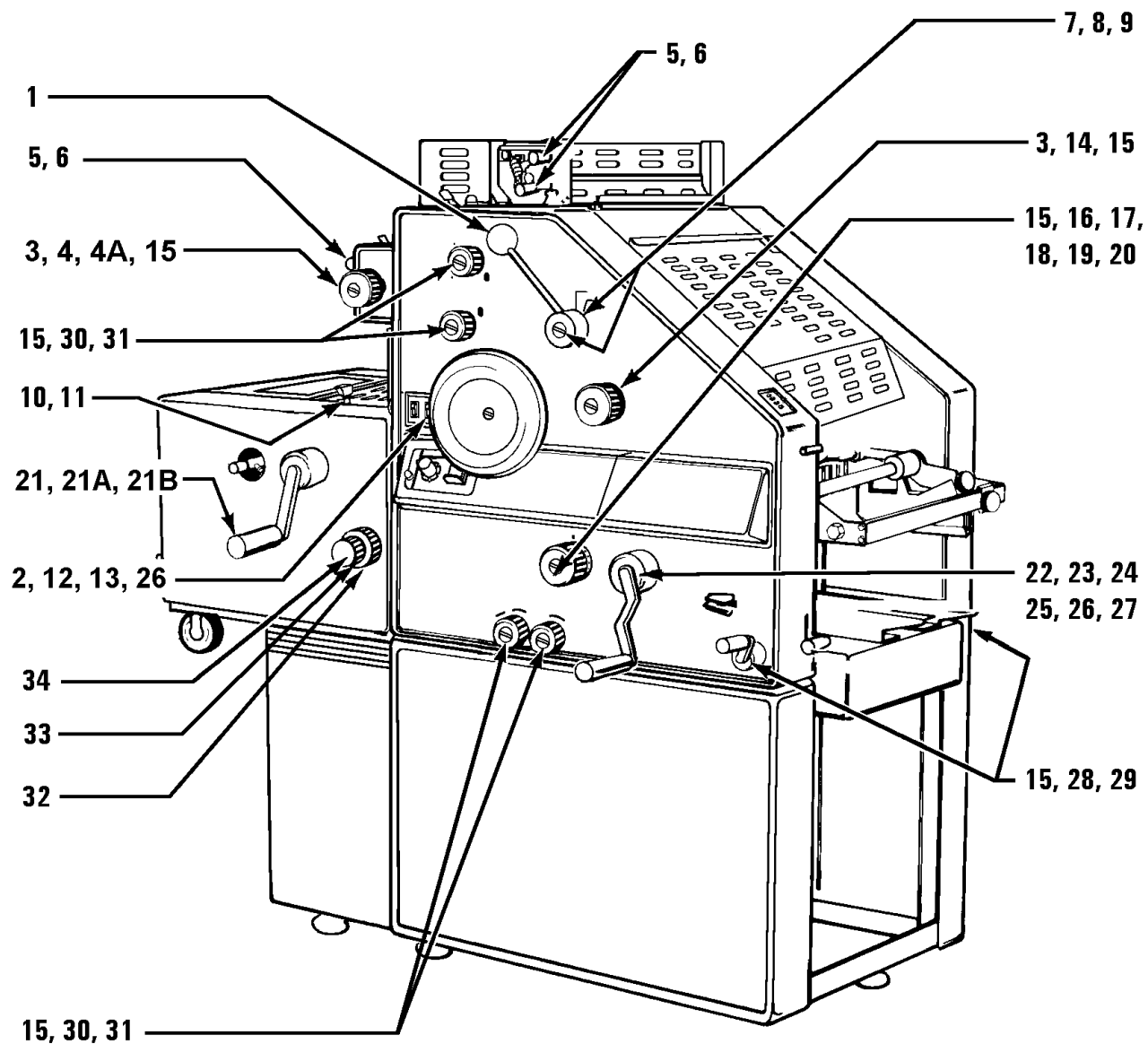


FIGURE 3
Knobs, Handles and Cranks

Knobs, Handles and Cranks

Index No.	Part No.	Figure 3 Description	Units Per Assy.
1	017819	KNOB	1
2	071398	HANDWHEEL DISK	1
3	196248	SCREW	2
4	017739	KNOB	1
4A	014921	PIN - Roll, .135 O.D. x .890 O.A.L (Not illustrated).	1
5	011371	HANDLE	3
6	072052	LOCK - Spring	3
7	196249	SCREW - Shoulder, 14 - 28	1
8	017744	LEVER - Control	1
9	197456	PIN	2
10	001552	SCREW - 8-32 x 3/8	1
11	016921	KNOB	1
12	401997	HANDWHEEL	1
13	195088	SCREW - Handwheel	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	017806	KNOB ASSEMBLY - Buckle Adjusting	1
18	014529	SCREW - Drive	3
19	017750	DIAL - Buckle Adjusting Knob	1
20	017738	KNOB - Buckle Adjusting	1
21	017714	CRANK ASSEMBLY - Table Raise	1
21A	017715	HANDLE	1
21B	003042	HANDLE LOCK	1
22	017803	HAND CRANK ASSEMBLY	1
23	017715	HANDLE	1
24	003042	HANDLE LOCK	1
25	014966	PIN - Roll, .264 O.D. x 1.355 O.A.L.	1
26	001781	SNAP RING	1
27	072620	SCREW - Shoulder, 10-32	1
28	196244	SCREW	2
29	017595	CRANK ARM ASSY.	2
30	196246	SCREW - Dowel, 14-28	4
31	017735	KNOB	4
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

Control Panel

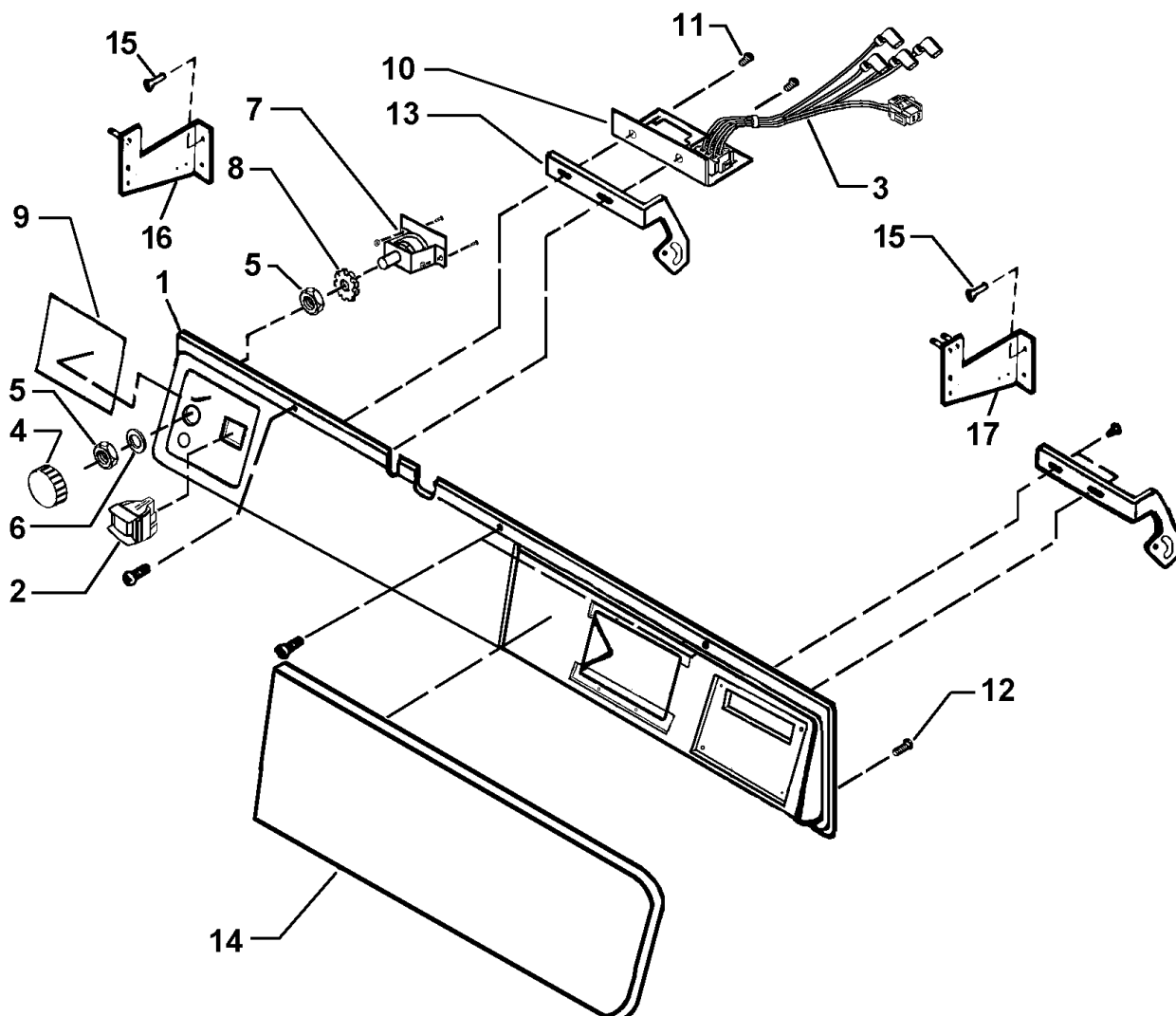


FIGURE4
Control Panel

Control Panel

Index No.	Part No.	Figure 4 Description	Units Per Assy.
	403621	PANEL - Control Assembly	1
1	402819	PANEL - Control	1
2	253365	SWITCH - Start	1
3	403623	HARNESS - Control Panel	1
4	193823	KNOB	1
5	018229	NUT - Hex - 15/32-32	2
6	001755	WASHER	1
7	025525	SPEED CONTROL ASSEMBLY - Run	1
8	100835	LOCKWASHER	1
9	403622	LABEL - Speed Control/Start	1
10	402829	BRACKET	1
11	001279	SCREW - 8-18 x 1/2	4
12	039655	SCREW - 4-40 x 7/16	2
13	017799	BRACKET - Control Panel	2
14	401920	BEZEL - Control Panel	1
15	001220	SCREW - 10-32 x 3/8	4
16	017797	BRACKET - Pivot, Left	1
17	017163	BRACKET - Pivot, Right	1

Receiving Tray Assembly

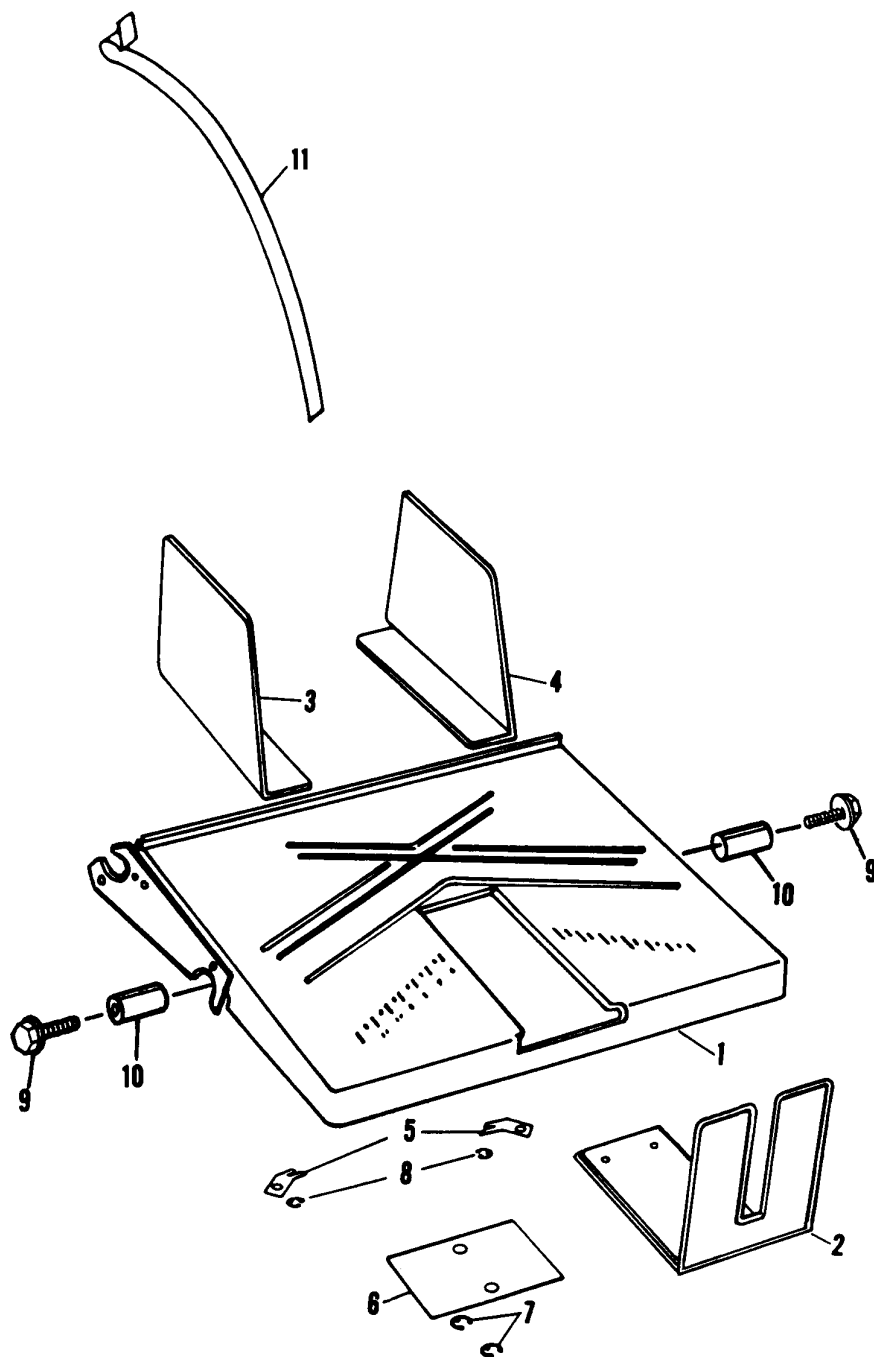


FIGURE 5
Receiving Tray Assembly

Receiving Tray Assembly

Index No.	Part No.	Figure 5 Description	Units Per Assy.
1	010221	RECEIVING TRAY	1
2	010223	BACK STOP ASSEMBLY	1
3	010226	GUIDE ASSEMBLY - N.O.S	1
4	010225	GUIDE ASSEMBLY - O.S.	1
5	077037	SPRING - Guide	2
6	066035	SPRING - Plate	1
7	001060	RING - Retaining, .204 I.D.	2
8	001097	RING - Retaining, .182 I.D.	4
9	111089	SCREW - 5/16-24 x 5/8	2
10	196470	STUD	2
11	010364	TRAY BAIL ASSEMBLY	1

Safety Guards - Part I

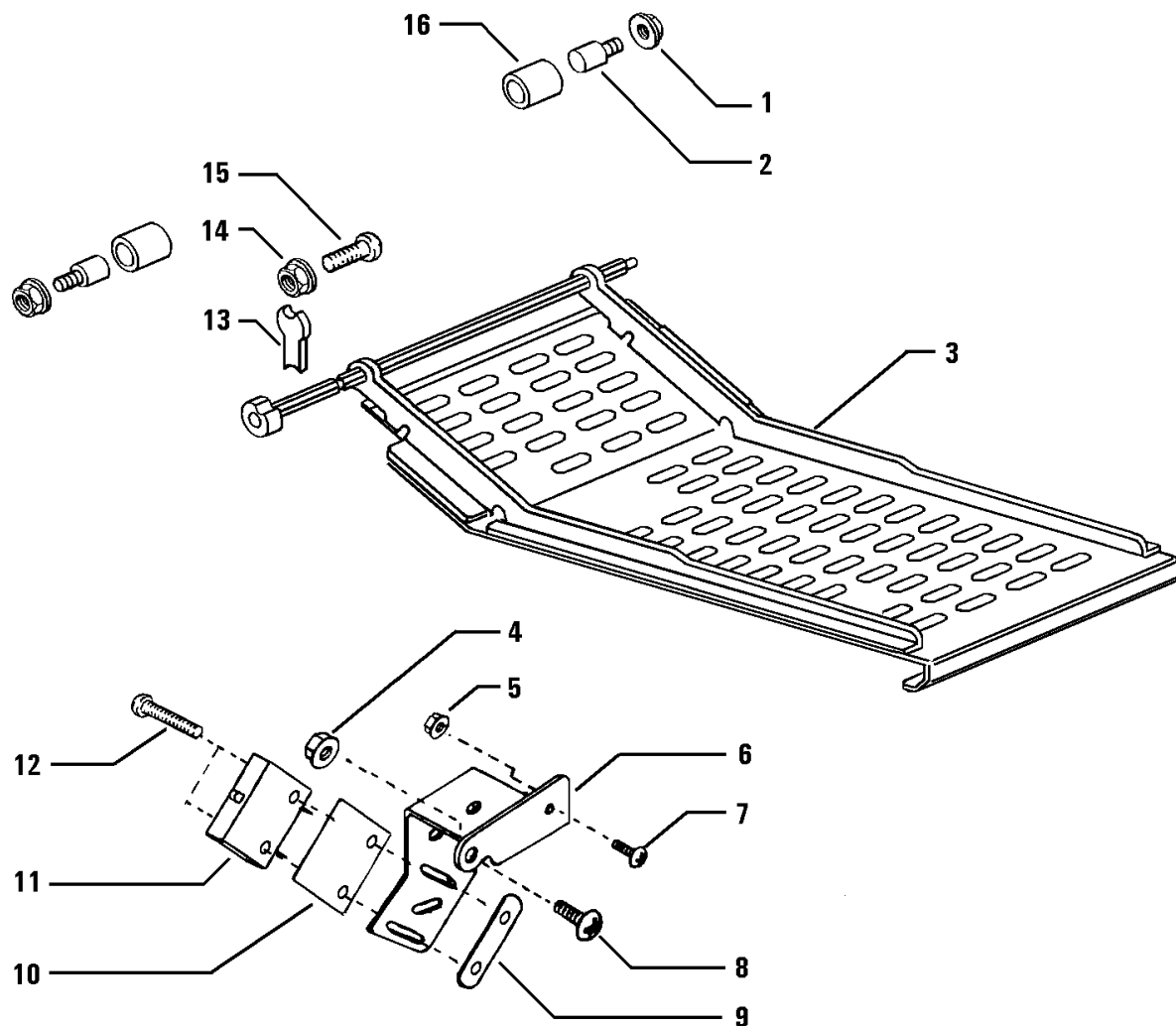


FIGURE 6
Safety Guards - Part I

Safety Guards - Part I

Index No.	Part No.	Figure 6 Description	Units Per Assy.
1	402786	NUT - 10-32	2
2	074717	STUD - Stop	2
3	403642	GUARD ASSEMBLY - Master/Blanket	1
4	150085	LOCKNUT	1
5	150083	NUT - 10-32	1
6	402155	BRACKET - Switch	1
7	111056	SCREW - Hex Washer 10-32 x 5/8	1
8	111073	SCREW - Hex Washer 1/4-28 x 5/8	1
9	190731	NUTPLATE - 4-40	1
10	254475	INSULATION - Switch	1
11	253211	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

Safety Guards - Part II

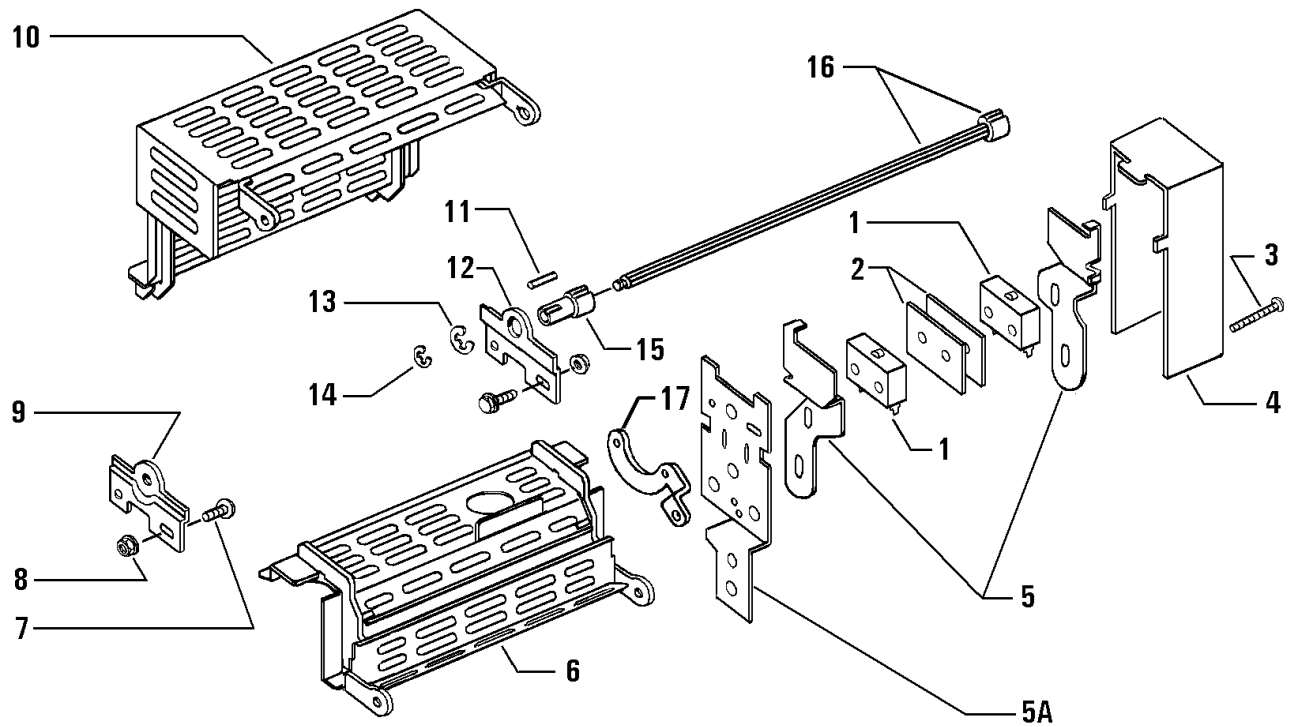


FIGURE 7
Safety Guards - Part II

Safety Guards - Part II

Index No.	Part No.	Figure 7 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	2
5A	402020	BRACKET	1
6	403646	GUARD - Aquamatic	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	403647	GUARD - Ink	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	010384	SHAFT - Guard	1
17	402020	BRACKET	1

Safety Guards - Part III (8915 Only)

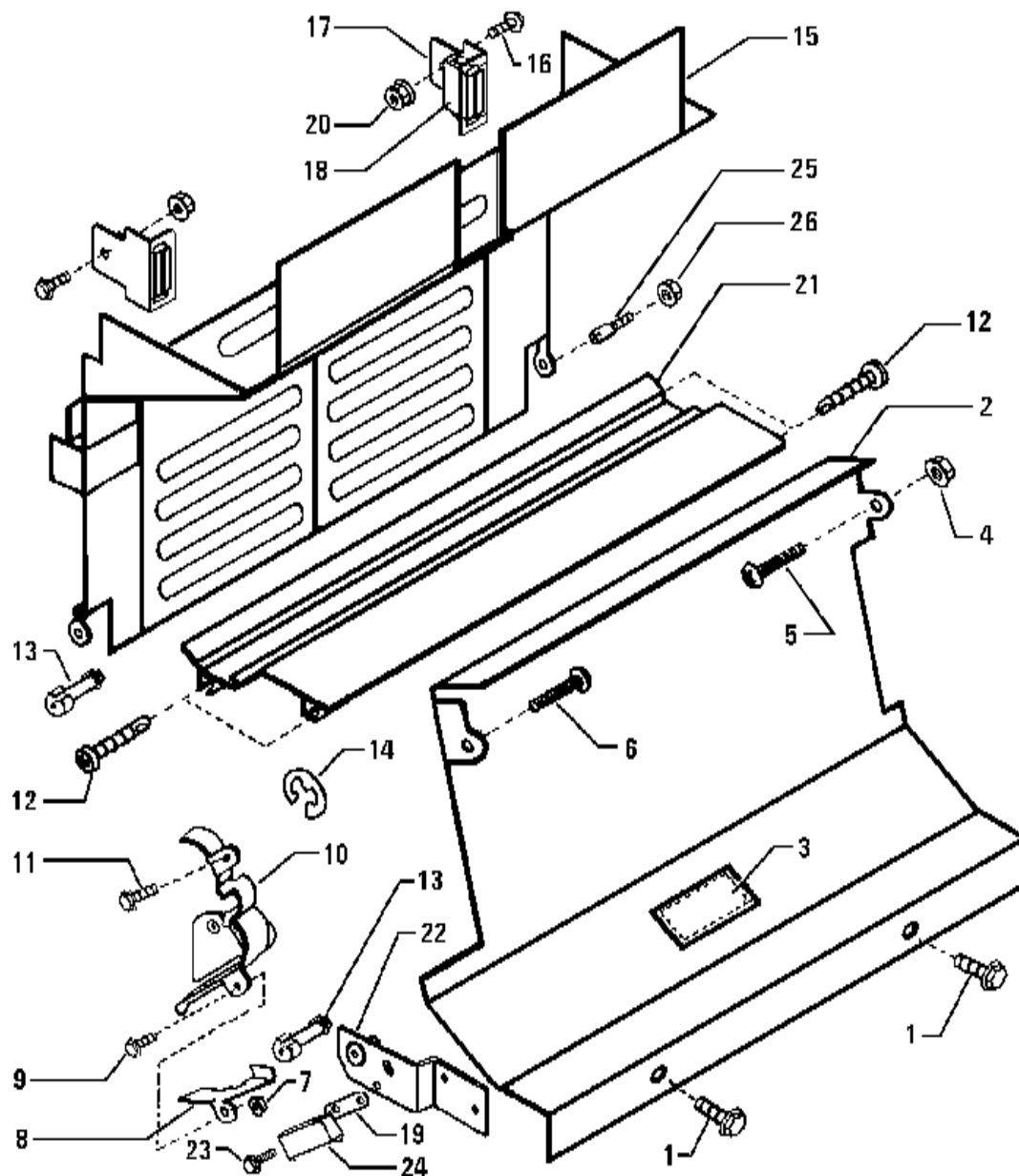


FIGURE 8
Safety Guards - Part III (8915 Only)

Safety Guards - Part III (8915 Only)

Index No.	Part No.	Figure 8 Description	Units Per Assy.
1	101494	SCREW - 1/4-20 x 5/8	2
2	016318	GUARD - Tray - 8915 Only	1
3	076898	DECAL	1
4	150085	NUT - 1/4-28	2
5	100657	SCREW - 10-32 x 5/8	1
6	001575	SCREW - 10-32 x 5/16	1
7	014248	NUT - 10-32	2
8	072051	SHIELD	1
9	111058	SCREW - 10-32 x 7/8	1
10	076869	GUARD - Rear	1
11	111054	SCREW - 10-32 x 1/2	1
12	101976	SCREW - 1/4-20 x 3/4	2
13	010402	SHAFT ASSEMBLY	2
14	001080	RING - Retaining, .302 I.D.	1
15	403658	GUARD - Impression - 8915 Only	1
16	111054	SCREW - Hex, Washer Head	2
17	197318	BRACKET - Magnetic Catch	2
18	102607	CATCH - Magnetic, Style 1	2
19	190731	NUT-PLATE	1
20	150085	LOCKNUT	2
21	010420	GUARD - Delivery Roller	1
22	403045	BRACKET ASSEMBLY - Imp. SW.	1
23	100961	SCREW - 6-32 x 7/8	1
24	253211	SWITCH - Guard, Imp.	1
25	074717	PIN	1
26	014808	NUT	1

Aquamatic - Part I

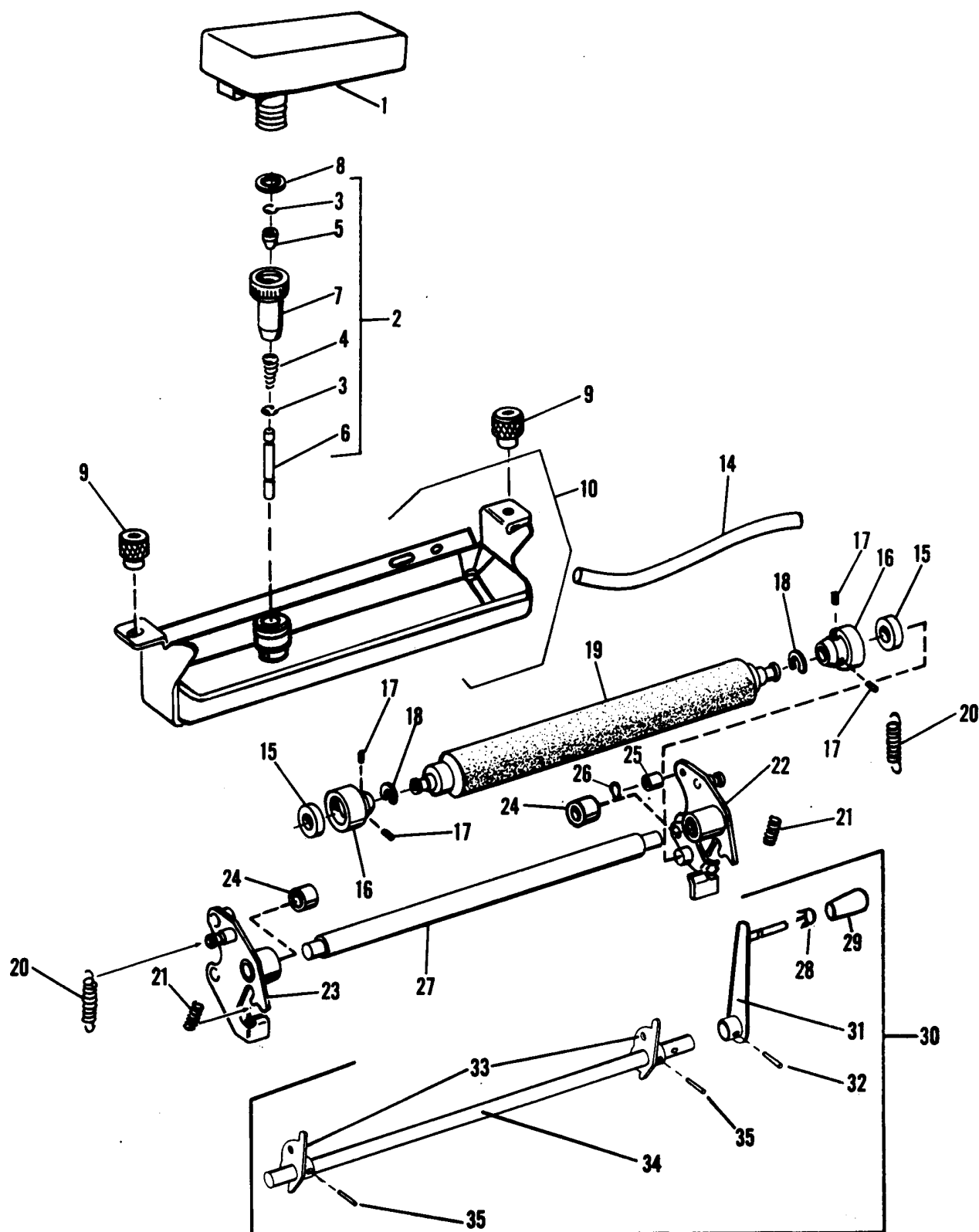


FIGURE 9
Aquamatic - Part I

Aquamatic - Part I

Index No.	Part No.	Figure 9 Description	Units Per Assy.
1	012141	BOTTLE - Repellent.....	1
2	017747	VALVE ASSEMBLY	1
3	014507	RING - Retaining, .095 I.D.	2
4	073308	SPRING - Valve Pin	1
5	040868	SEAL - Bottle Cap	1
6	080536	VALVE PIN	1
7	017820	CAP - Bottle	1
8	400543	WASHER - Rubber	1
9	080581	KNOB	2
10	073530	TROUGH ASSEMBLY - Stainless Steel, M-8920	1
14	191586	HOSE	1
15	080505	BEARING	2
16	080504	HOUSING - Bearing.....	2
17	014372	SCREW - Set, 10-32 x 1/4	4
18	014518	RING - Retaining, .395 I.D.	2
19	076184	ROLLER - Ductor, Rubber	1
20	073542	SPRING - 3/8 O.D. x 1-5/16 O.A.L.	2
21	073540	SPRING - Compression, 23/32 O.D. x 1-1/2 O.A.L.	2
22	080541	CARRIER ASSEMBLY - O.S.	1
23	080539	CARRIER ASSEMBLY - N.O.S.	1
24	001416	BUSHING	2
25	064059	ROLLER	2
26	001096	RING - Retaining, .190 I.D.	2
27	073532	TIE BAR	1
28	072052	CLIP - Lock	1
29	011371	KNOB	1
30	010177	SHAFT ASSEMBLY	1
31	*017708	LEVER ASSEMBLY	1
32	001978	PIN - Roll, .135 O.D. x .765 O.A.L.	1
33	*007958	CAM ASSEMBLY	2
34	*076821	SHAFT	1
35	195396	PIN - Taper, .6250 O.A.L.	2

* Not Procurable Separately

Aquamatic - Part II

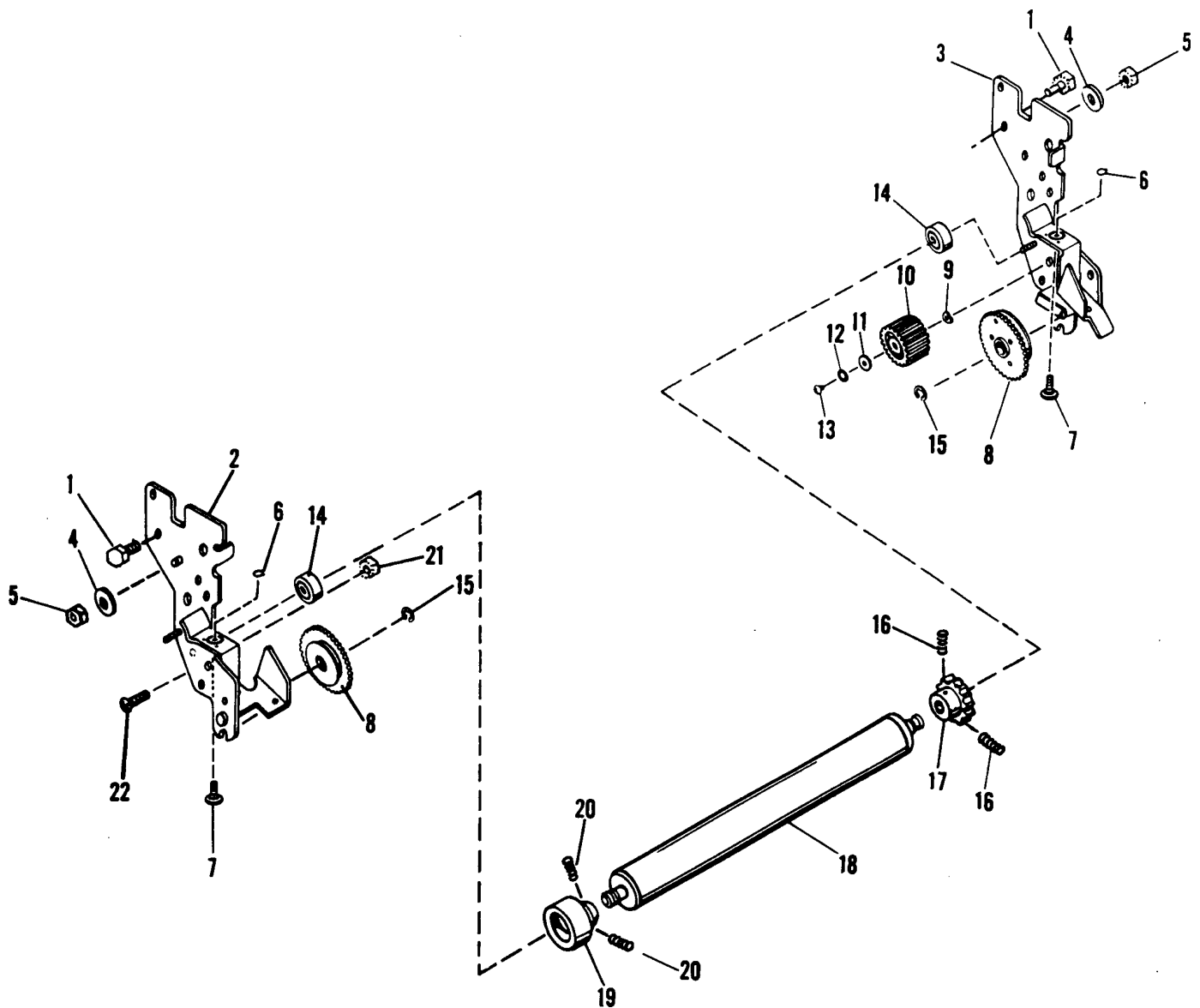


FIGURE 10
Aquamatic - Part II

Aquamatic - Part II

Index No.	Part No.	Figure 10 Description	Units Per Assy.
1	111089	SCREW - 5/16-24 x 5/8.....	2
2	010148	FRAME - O.S.....	1
3	007966	FRAME - N.O.S.....	1
4	191384	WASHER - .255 I.D.....	2
5	003578	NUT - 1/4-20.....	2
6	001099	RING - Retaining, .283 I.D.....	2
7	080524	SCREW - Shoulder.....	2
8	012422	DUCTOR GEAR ASSEMBLY.....	2
9	001772	WASHER - Spring, 3/8 I.D.....	1
10	082050	GEAR.....	1
11	001750	WASHER - .328 I.D.....	1
12	004074	WASHER - 9/16 I.D.....	1
13	064189	SCREW - Lock.....	1
14	080505	BEARING.....	2
15	001080	RING - Retaining, 302 I.D.....	2
16	014390	SCREW - Set, 1/4-28 x 1/4.....	2
17	080599	GEAR.....	1
18	076315	ROLLER - Rough, Copper.....	1
19	080591	HOUSING - Bearing.....	1
20	014372	SCREW - Set, 10-32 x 1/4.....	2
21	150085	NUT - 1/4-28.....	2
22	111073	SCREW - 1/4-28 x 5/8.....	1

Aquamatic Control Lever Assembly

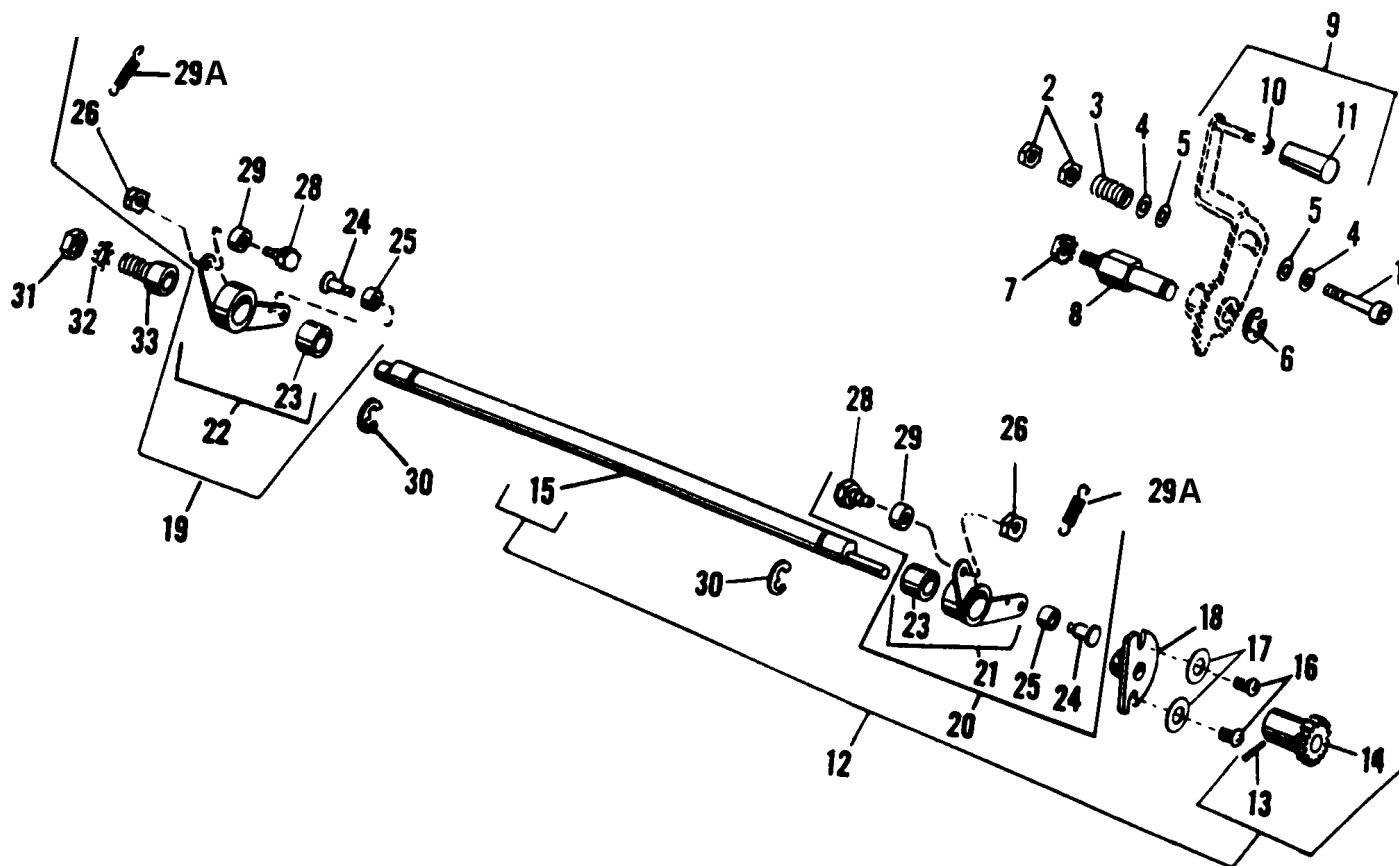


FIGURE 11
Aquamatic Control Lever Assembly

Aquamatic Control Lever Assembly

Index No.	Part No.	Figure 11 Description	Units Per Assy.
1	014304	SCREW - 1/4-28 x 1-1/2	1
2	001832	NUT - 1/4-28	2
3	072953	SPRING - Compression, 5/16 O.D. x 5/8 O.A.L.	1
4	021150	WASHER - .256 I.D.	2
5	014793	WASHER - 17/64 I.D.	2
6	001080	RING - Retaining, .306 I.D.	1
7	150085	NUT - 1/4-28	1
8	080537	STUD	1
9	017548	LEVER ASSEMBLY	1
10	072052	SPRING - Lock	1
11	011371	HANDLE	1
12	073244	ECCENTRIC SHAFT AND PINION ASSEMBLY	1
13	000006	PIN - Taper, .5820 O.A.L.	1
14	*073246	GEAR	1
15	*073245	SHAFT	1
16	111068	SCREW - 1/4-28 x 5/16	2
17	021203	WASHER - 1/4 I.D. x 1/2 O.D. x 1/32	2
18	073252	BUSHING	1
19	073250	LEVER ASSEMBLY - N.O.S.	1
20	073248	LEVER ASSEMBLY - O.S.	1
21	071566	LEVER - O.S.	1
22	071567	LEVER	1
23	014605	BUSHING	1
24	057507	RIVET	1
25	070125	TRUCK	1
26	014808	NUT - 10-32	1
28	190118	STUD	1
29	190103	TRUCK	1
29A	040782	SPRING - Tension, .318 O.D. x 1-7/32 O.A.L.	2
30	001094	RING - Retaining, .253	2
31	014805	NUT - 7/16-20	1
32	043097	WASHER - Lock, .456 I.D.	1
33	193606	STUD	1

* Not Procurable Separately

Waver and Oscillating Rollers

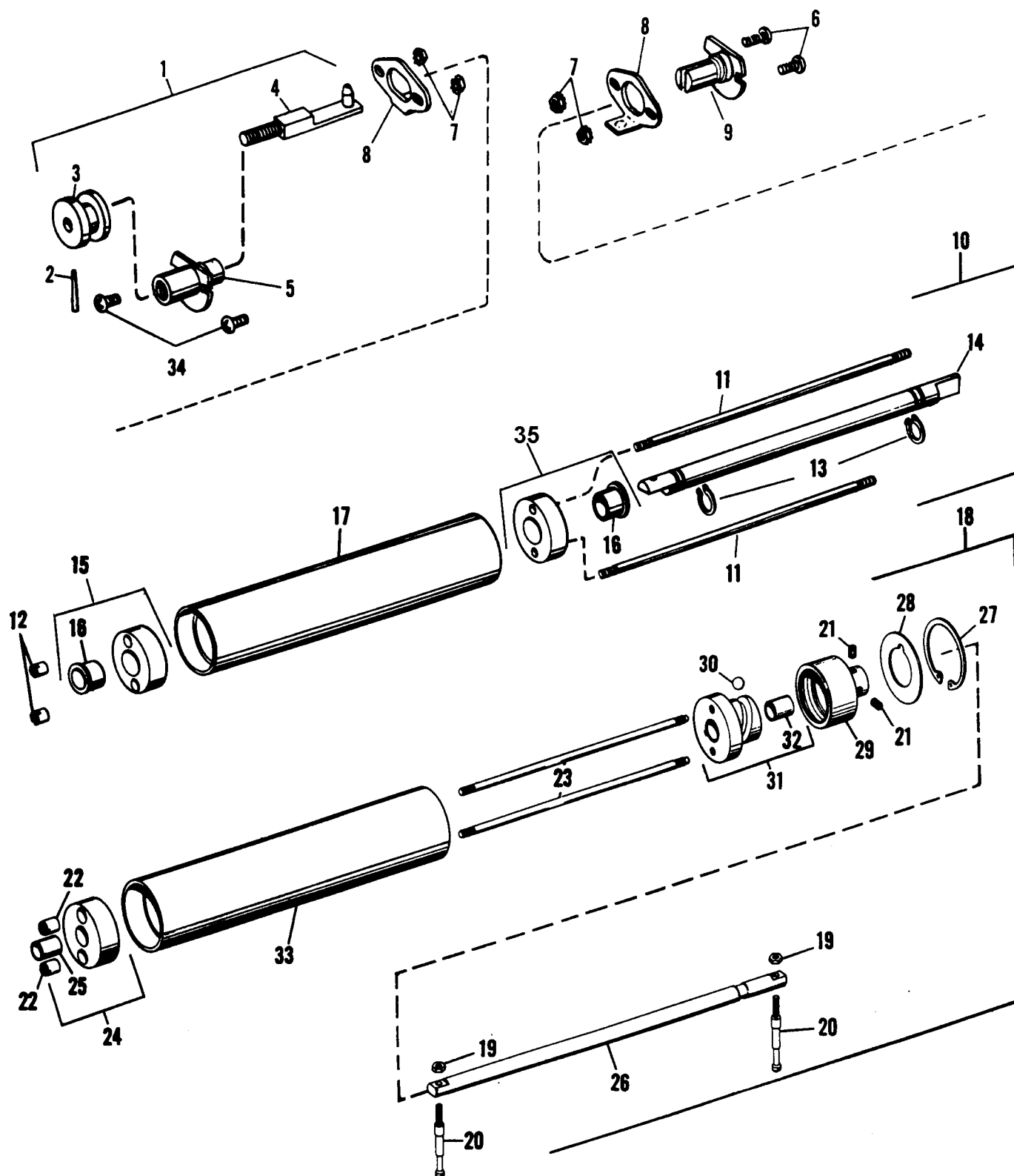


FIGURE 12
Waver and Oscillating Rollers

Waver and Oscillating Rollers

Index No.	Part No.	Figure 12 Description	Units Per Assy
1	073011	COUPLE ASSEMBLY	1
2	000014	PIN - Taper, 1.127 O.A.L.	1
3	*073014	COUPLING	1
4	*073012	SHAFT	1
5	084413	GUIDE	1
6	111073	SCREW - 1/4-28 x 5/8	2
7	150085	NUT - 1/4-28	4
8	080295	BRACKET	2
9	084412	GUIDE	1
10	076189	ROLLER ASSEMBLY - Ink and Repellent Roller	1
11	197041	TIE ROD	2
12	196475	NUT - Special	2
13	001094	RING - Retaining, .470 I.D.	2
14	076193	SHAFT	1
15	076194	CAP	1
16	190387	BUSHING	2
17	076191	ROLLER - Nylon 11 1/8 O.A.L.	1
18	071514	ROLLER ASSEMBLY - Oscillating Rider	1
19	001804	NUT - 10-32	2
20	073193	SCREW - Special Pin	2
21	014390	SCREW - Set, 1/4-28 x 1/4	2
22	196475	NUT - Special	2
23	076026	ROD - Tie	2
24	080694	PLUG	1
25	001497	BUSHING - .504 I.D. x .629 O.D. x .625 O.A.L.	1
26	076029	SHAFT	1
27	014523	RING - Retaining, 2.456 I.D.	1
28	080698	GUARD	1
29	080263	CAP	1
30	080699	BALL	1
31	080695	PLUG AND CAM ASSEMBLY	1
32	001497	BUSHING - .504 I.D. x .629 O.D. x .625 O.A.L.	1
33	071516	ROLLER - Nylon	1
34	111074	SCREW - 1/4-28 x 3/4	2
35	400646	CAP	1

* Not Procurable Separately

Rider Roller

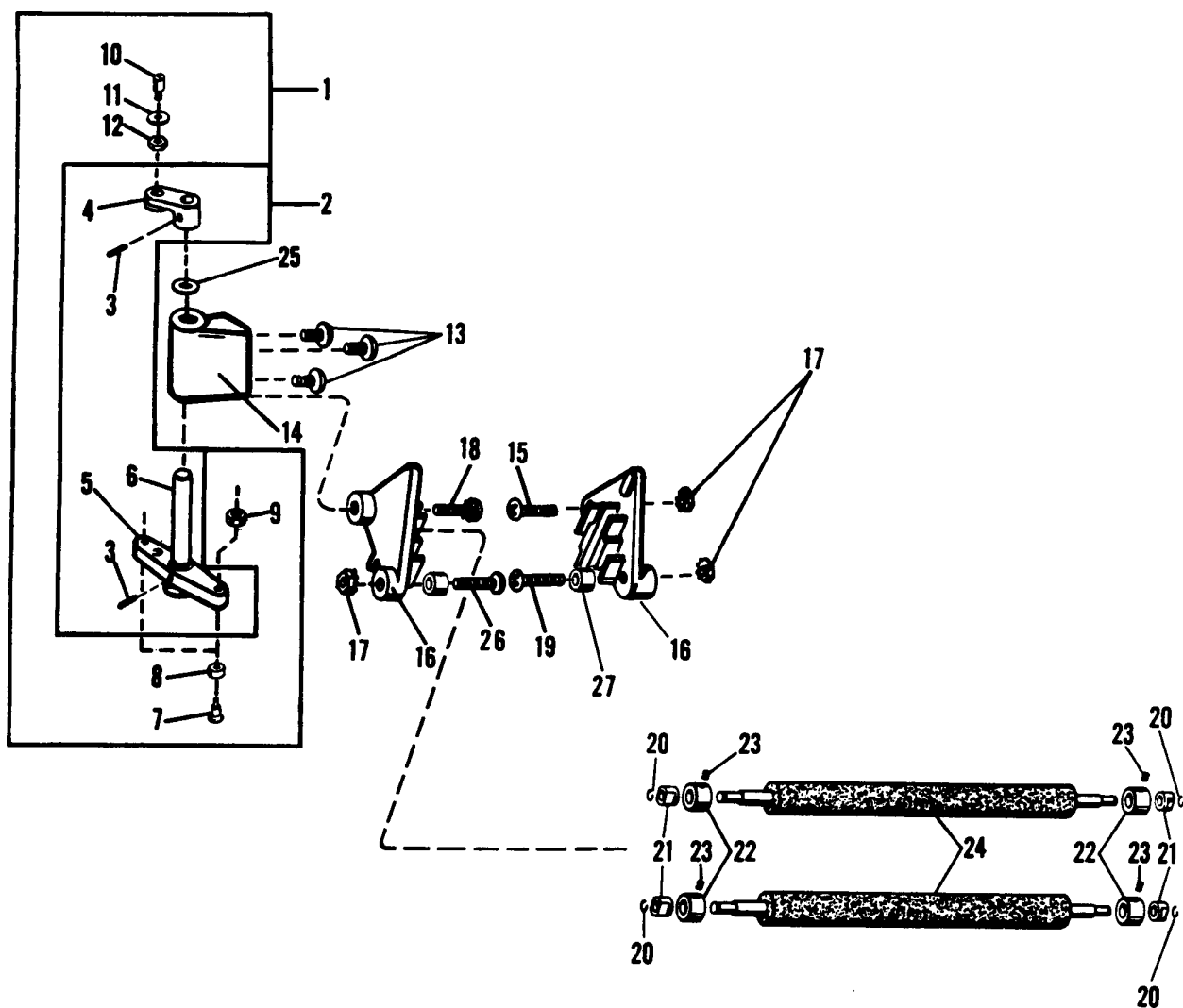


FIGURE 13
Rider Roller

Rider Roller

Index No.	Part No.	Figure 13 Description	Units Per Assy.
1	087496	WAVER LEVER AND SHAFT ASSEMBLY	1
2	087497	LEVER AND SHAFT ASSEMBLY	1
3	192900	PIN - Taper, .750 O.A.L.	2
4	*073116	LEVER	1
5	*080297	LEVER	1
6	*080317	SHAFT	1
7	080298	SCREW - Shoulder, 10-32	2
8	080299	TRUCK	2
9	101051	NUT - 10-32	2
10	073339	SCREW - Eccentric	1
11	001702	WASHER - .195 I.D.	1
12	001812	NUT - 10-32	1
13	111073	SCREW - 1/4-28 x 5/8	3
14	073108	BRACKET - Waver	1
15	111076	SCREW - 1/4-28 x 1.000	1
16	073234	BRACKET - Oscillating Rider Roller	2
17	150085	NUT - 1/4-28	3
18	111077	SCREW - 1/4-28 x 1-1/8	1
19	102431	SCREW	1
20	001778	RING - Retaining, 222 I.D.	4
21	073004	BUSHING	4
22	073152	COLLAR	4
23	001207	SCREW - Set, 8-32 x 3/16	4
24	403106	ROLLER - Rider, Rubber	2
25	192766	WASHER - .385 I.D.	2
26	111079	SCREW -1/4-28 x 1-1/2	1
27	197472	SPACER	2

* Not Procurable Separately

Ink Distributor and Ductor Rollers

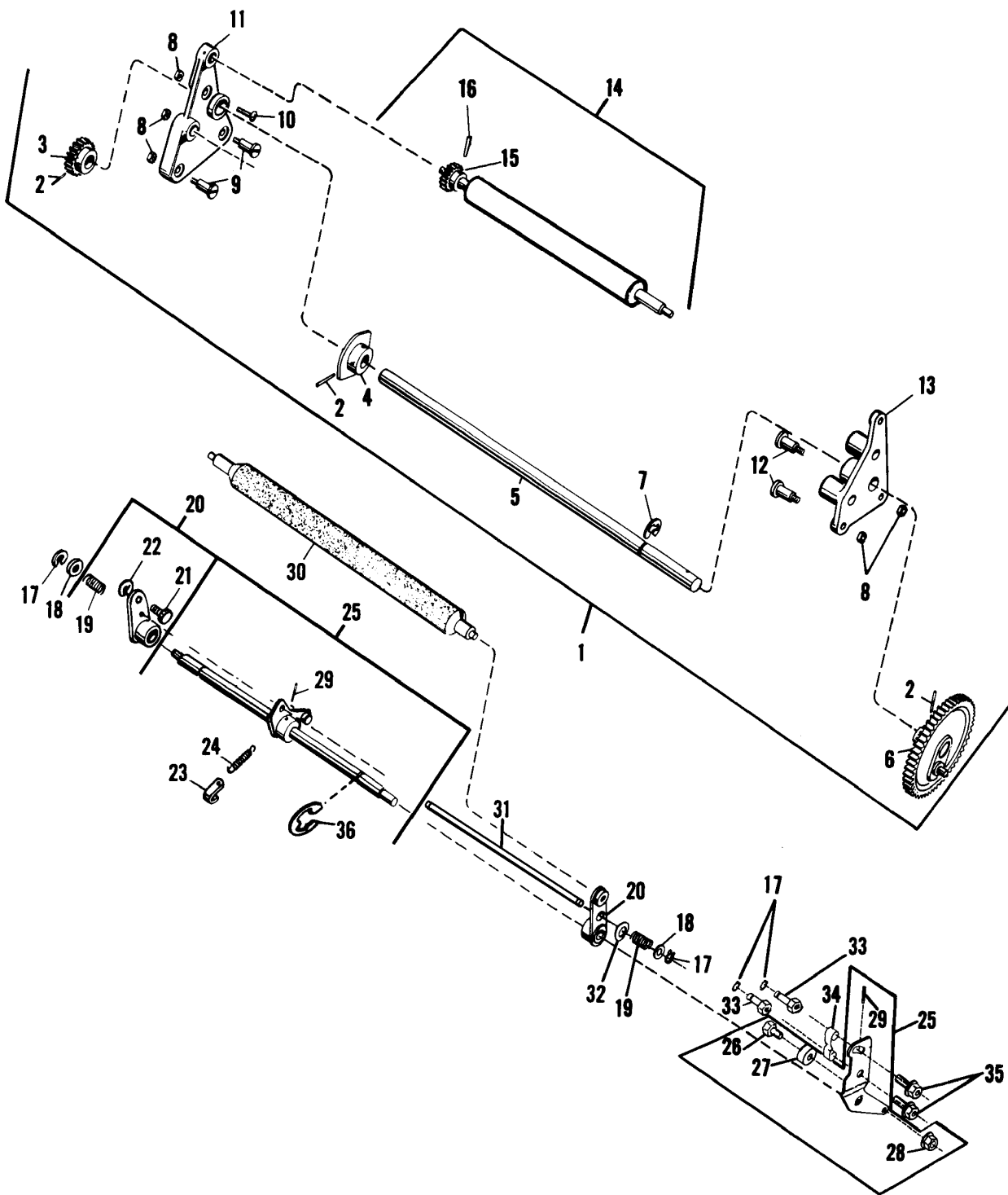


FIGURE 14
Ink Distributor and Ductor Rollers

Ink Distributor and Ductor Rollers

Index No.	Part No.	Figure 14 Description	Units Per Assy.
1	403672	CAM SHAFT	1
2	001956	PIN - Taper, .156 O.D. x .968 O.A.L.	3
3	079912	GEAR CAM SHAFT	1
4	*017990	CAM - Cam Shaft	1
5	*073048	SHAFT - Cam	1
6	*076727	GEAR - Cam Shaft	1
7	001094	RING - Retaining, .399 I.D.	5
8	150085	NUT - 1/4-28	2
9	073123	SCREW - Shoulder, 1/4-28	2
10	014180	SCREW - 1/4-28 x 1.000	1
11	073120	BEARING - Bracket, N.O.S.	1
12	073094	SCREW - Shoulder, 1/4-28	2
13	073091	BEARING - Bracket, O.S.	1
14	076199	ROLLER AND GEAR - Distributor, Nylon	1
15	*073059	GEAR	1
16	101332	PIN - Spiral, .103 O.D. x .760 O.A.L.	1
17	001049	RING - Retaining, .277 I.D.	2
18	021203	WASHER - .255 I.D. x .500 O.D.	2
19	054409	SPRING - Compression, 21/64 I.D. x 1-13/16 O.A.L.	1
20	084422	LEVER ASSEMBLY - Ductor	2
21	084421	BUSHING - Special, .253 I.D.	1
22	001047	RING - Retaining, .340 I.D.	1
23	073107	ANCHOR - Spring	1
24	072625	SPRING - Tension, 11/32 O.D. x 1-1/8 O.A.L.	1
25	403670	SHAFT ASSEMBLY - Actuating	1
26	077459	SCREW - Eccentric, 10-32	1
27	193774	TRUCK	1
28	150083	NUT - 10-32	1
29	014902	PIN - Taper, .750 O.A.L.	2
30	403107	ROLLER - Ductor, Rubber	1
31	403669	BAR - Tension	1
32	014741	WASHER - Spring, .267 I.D. x .572 O.D.	1
33	017639	STAND-OFF	2
34	017640	SPRING - Lockout	1
35	111053	SCREW - 10-32 x 7/16	2
36	001098	RING - Retaining, .339 I.D.	1

*Not Procurable Separately

Waver Roller

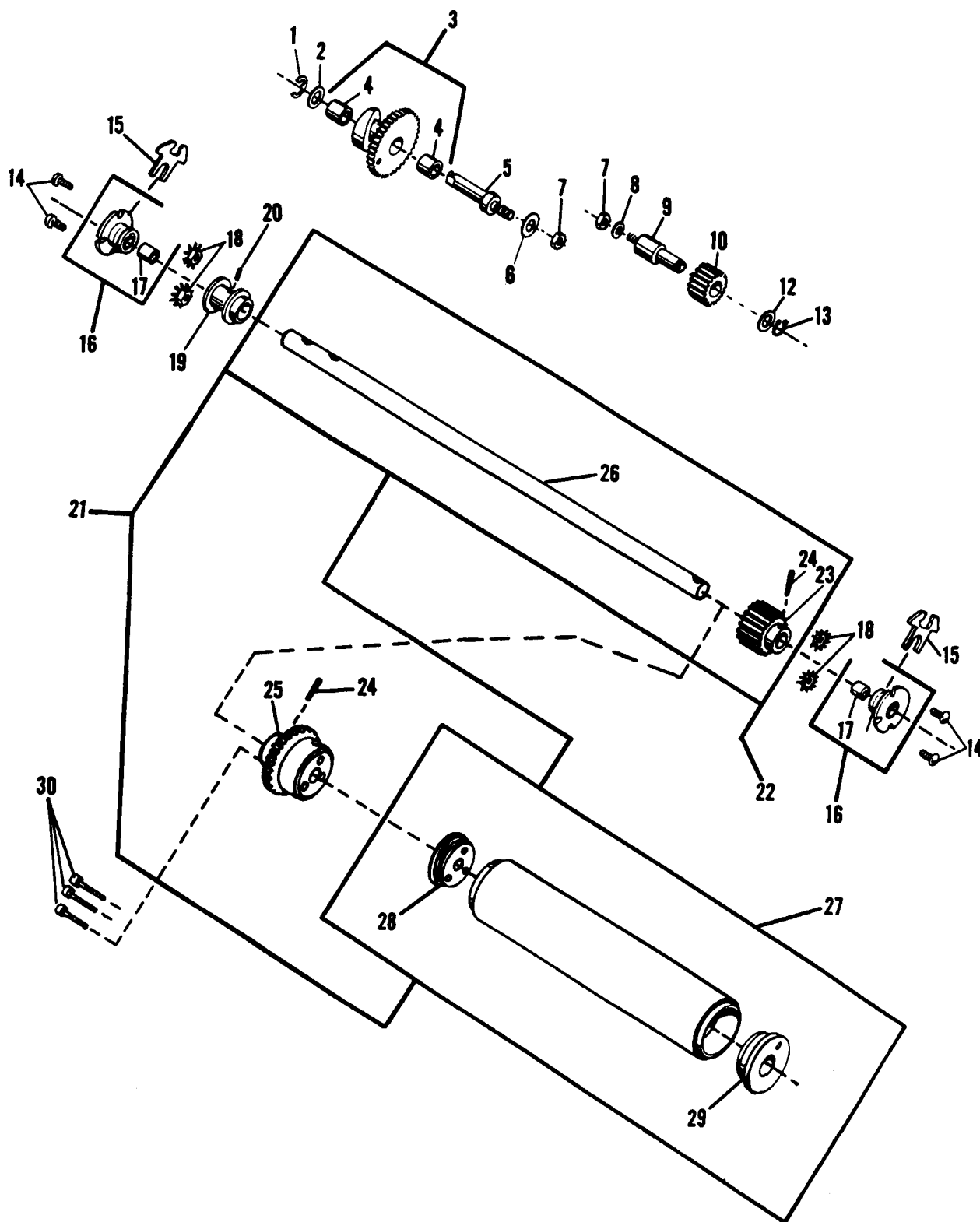


FIGURE 15
Waver Roller

Waver Roller

Index No.	Part No.	Figure 15 Description	Units Per Assy.
1	100576	RING - Retaining, .469 I.D.	1
2	191289	WASHER - .504 I.D.	1
3	073043	WAVER AND CAM GEAR ASSEMBLY	1
4	001432	BUSHING	2
5	080349	STUD	1
6	001721	WASHER - .380 I.D.	1
7	190254	NUT - 3/8-24	1
8	014750	WASHER - Lock, .391 I.D. x .687 O.D.	1
9	195385	STUD	1
10	076218	GEAR ASSEMBLY	1
12	001797	WASHER - .513 I.D.	1
13	001048	RING - Retaining, .470 I.D.	1
14	111055	SCREW - 20-32 x 9/16	4
15	073894	SLIDE	2
16	075931	BUSHING ASSEMBLY	2
17	001497	BUSHING	2
18	014248	NUT - 10-32	4
19	073482	COUPLING	1
20	014207	SCREW - Set, 1/4-28 x 5/8	1
21	***	ROLLER AND SHAFT ASSEMBLY	1
22	071513	SHAFT ASSEMBLY	1
23	079905	GEAR - (Field Repl. Only)	1
24	014921	PIN - Roll .135 x .890 (Use 079905 Gear)	1
24	001976	PIN - Roll .135 x .827 (Use 073710 Gear)	1
24	014910	PIN - Taper, .875 O.A.L.	2
25	073710	GEAR - (Field Repl. Only)	1
26	*073037	SHAFT	1
27	071511	ROLLER - Nylon	1
28	080473	BEARING	1
29	080433	BEARING	1
30	014157	SCREW - 1/4-28 x 1-1/4"	3

* Not Procurable Separately

*** Not Available As An Assembly

Upper Form Roller and Shaft Assembly

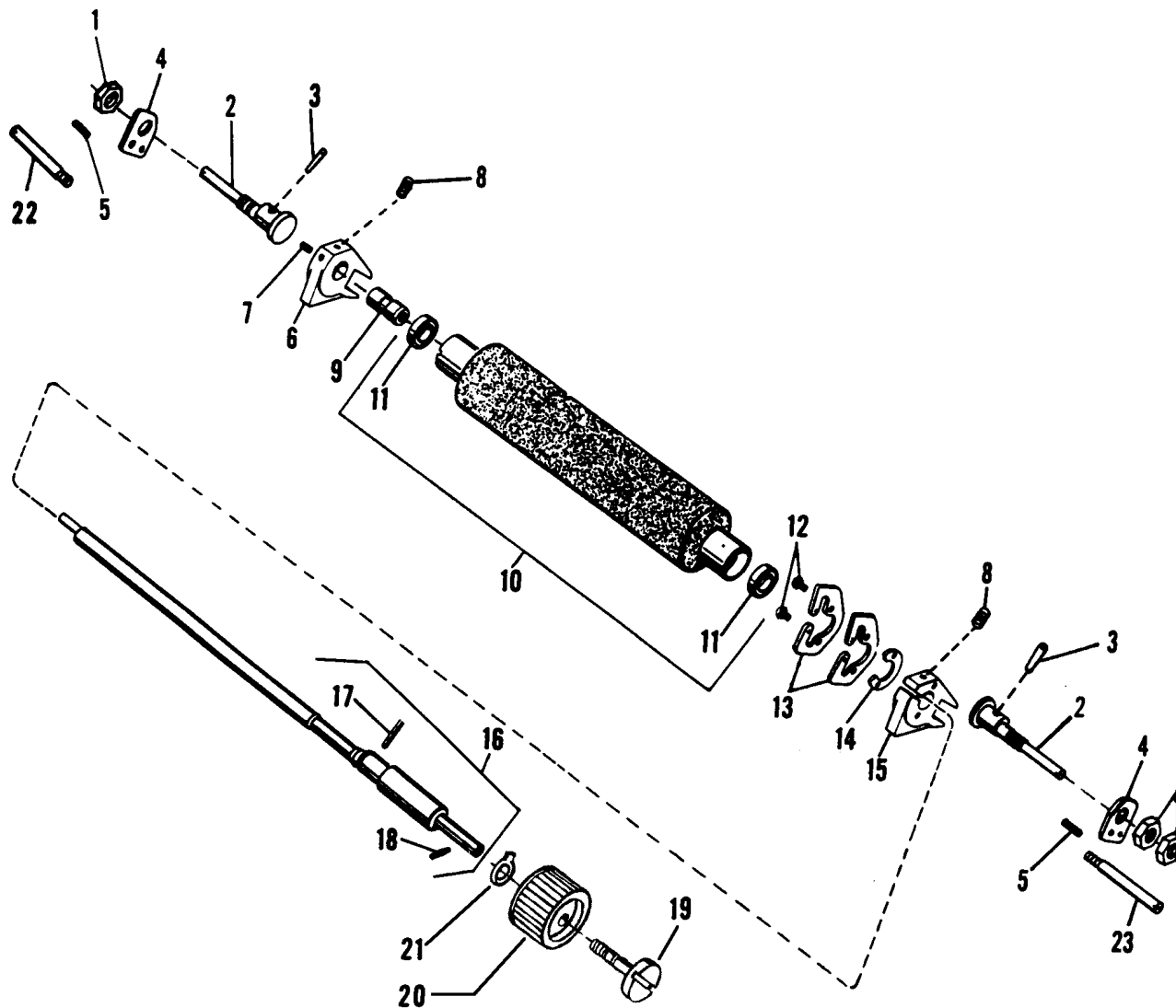


FIGURE 16
Upper Form Roller and Shaft Assembly

Upper Form Roller and Shaft Assembly

Index No.	Part No.	Figure 16 Description	Units Per Assy.
1	014819	NUT - 5/16-24	3
2	076481	SCREW - Eccentric	2
3	100400	PIN - Roll, .131 O.D. x .548 O.A.L.	1
4	072272	LEVER - Locking Stud	2
5	014912	PIN - Roll, .167 O.D. x .515 O.A.L.	1
6	073446	FORM ROLL LEVER - Upper Machine, N.O.S.	1
7	014108	SCREW - Set, 10-32 x 3/8	1
8	073338	SPRING - Compression, 9/16 O.D. x 1-17/64 O.A.L. (Red)	1
9	073327	SLEEVE	1
10	403108	ROLLER - Rubber, Upper Form 2" Dia.	1
11	073316	BEARING	2
12	001577	SCREW - 8-32 x 7/16	2
13	073098	RETAINER	2
14	073097	PLATE	1
15	073444	FORM ROLL LEVER - Upper Machine, O.S.	1
16	073320	SHAFT ASSEMBLY	1
17	001978	PIN - Roll, .135 O.D. x .765 O.A.L.	1
18	001980	PIN - Roll, .135 O.D. x .640 O.A.L.	1
19	196246	SCREW - Form Roll Knob	1
20	017735	KNOB	1
21	039642	RING - Vinyl	1
22	072271	STUD - Locking	1

Lower Form Roller and Shaft Assembly

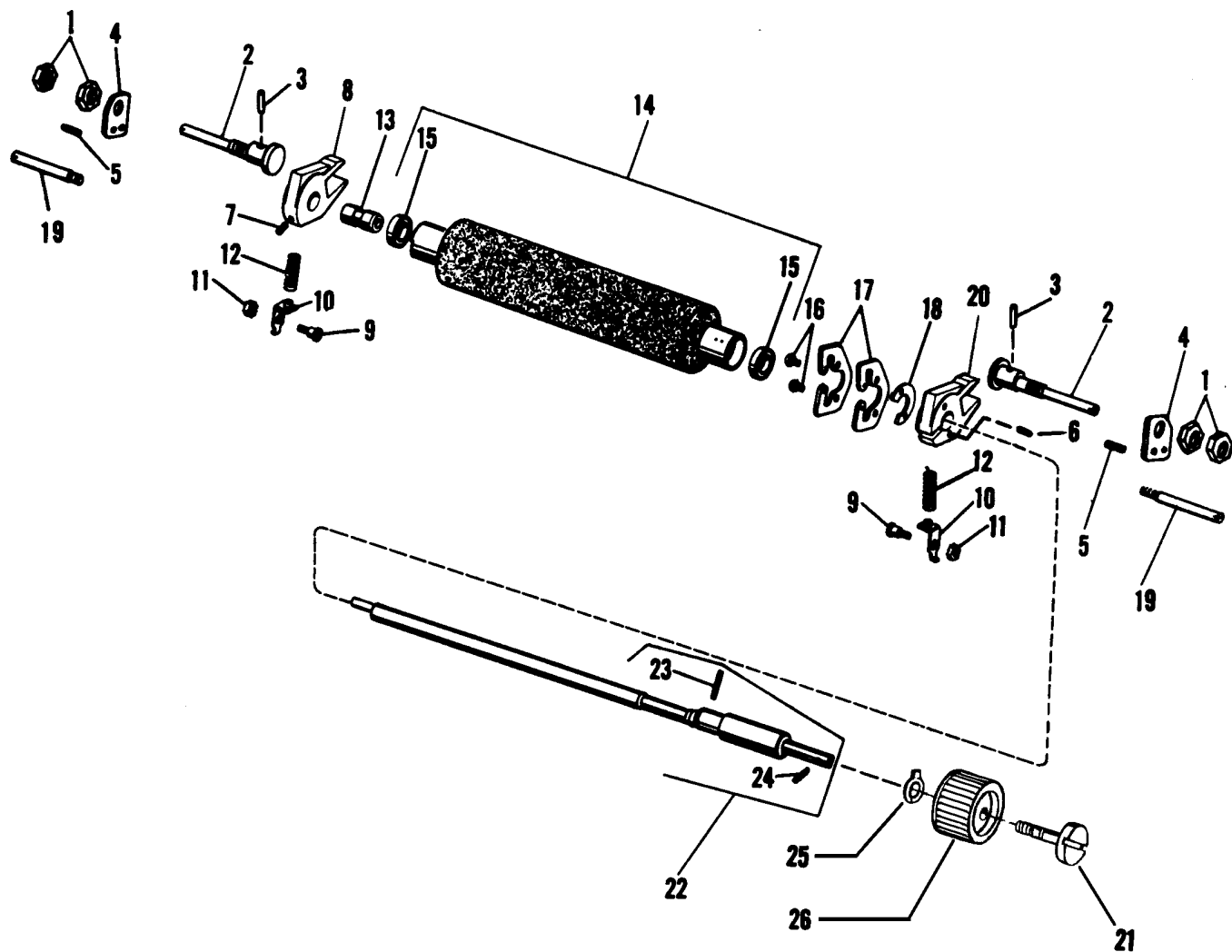


FIGURE 17
Lower Form Roller and Shaft Assembly

Lower Form Roller and Shaft Assembly

Index No.	Part No.	Figure 17 Description	Units Per Assy.
1	014819	NUT - 5/16-24	4
2	076481	SCREW - Eccentric	2
3	100400	PIN - Roll, .131 O.D. x 548 O.A.L.	1
4	072272	LEVER - Locking Stud.....	2
5	014912	PIN - Roll, .167 O.D. x .515 O.A.L.	1
6	101033	SCREW - Set, 8-32 x 1/2	1
7	014108	SCREW - Set, 10-32 x 3/8	1
8	073445	LEVER - Form Roll, Lower 2.4" Dia. N.O.S.	1
9	193917	SCREW - Shoulder, 1/4-28	2
10	072278	ANCHOR - Spring, N.O.S.	]
10	072277	ANCHOR - Spring, O.S.	1
11	150085	NUT - 1/4-28	2
12	195930	SPRING - Compression, 25/64 I.D. x 1-15/64 O.A.L. (2.4" Dia.)	2
13	073327	SLEEVE	2
14	403109	ROLLER - Rubber, Lower Form 2.4" Dia.	1
15	073316	BEARING	2
16	001577	SCREW - 8-32 x 7/16	2
17	073098	RETAINER	2
18	073097	PLATE	1
19	072271	STUD - Locking	2
20	073443	LEVER - Form Roll, Lower (2.4" Dia.) O.S.	1
21	196246	SCREW - Form Roll Knob	1
22	073320	SHAFT ASSEMBLY	1
23	001978	PIN - Roll, .135 O.D. x .765 O.A.L.	1
24	001980	PIN - Roll, .135 O.D. x .640 O.A.L.	1
25	039642	RING - Vinyl	1
26	017735	KNOB	1

Form Roller Separator Shaft

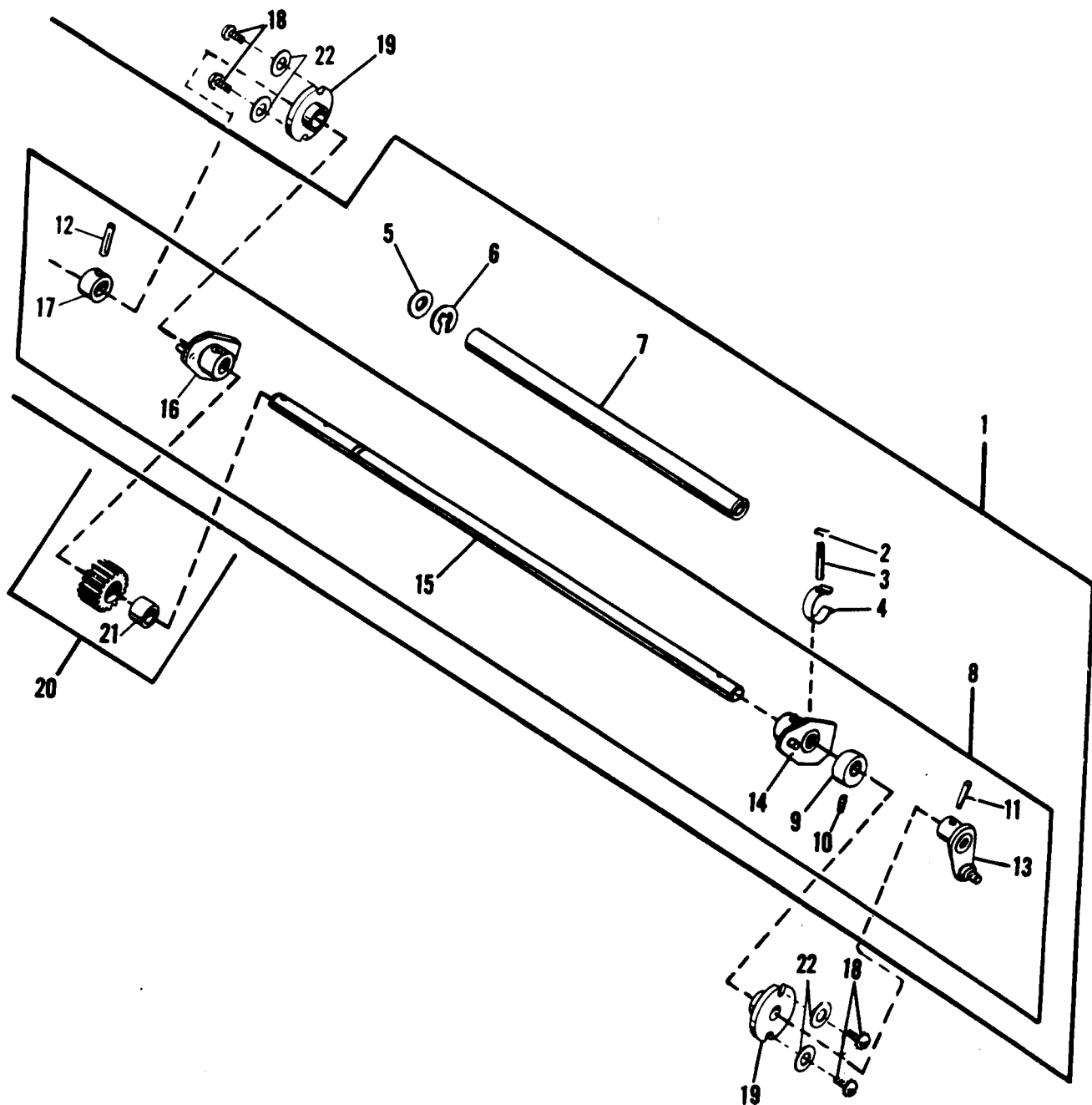


FIGURE 18
Form Roller Separator Shaft

Form Roller Separator Shaft

Index No.	Part No.	Figure 18 Description	Units Per Assy.
1	076399	SHAFT ASSEMBLY KIT	1
2	014507	RING - Retaining, .097 I.D.	2
3	190382	PIN - Spring Clip	2
4	190383	SPRING - Clip	2
5	192798	WASHER - .507 I.D.	1
6	100969	RING - Retaining, .453 I.D.	1
7	194590	TUBE	1
8	076388	SHAFT ASSEMBLY	1
9	071594	COLLAR - Eccentric	1
10	014372	SCREW - Set, 10-32 x 1/4	1
11	000009	PIN - Taper, .750 O.A.L.	1
12	001978	PIN - Roll, .135 O.D. x .765 O.A.L.	1
13	*071595	LEVER	1
14	*071649	CAM - O.S.	1
15	*076389	SHAFT	1
16	*071648	CAM - N.O.S.	1
17	*055535	COLLAR	1
18	111068	SCREW - 1/4-28 x 5/16	4
19	073029	BUSHING	2
20	076386	GEAR	1
21	001473	BUSHING	1
22	021203	WASHER - 1/4 I.D. x 1/2 O.D. x 1/32	4

* Not Procurable Separately

Ink Metering Assembly

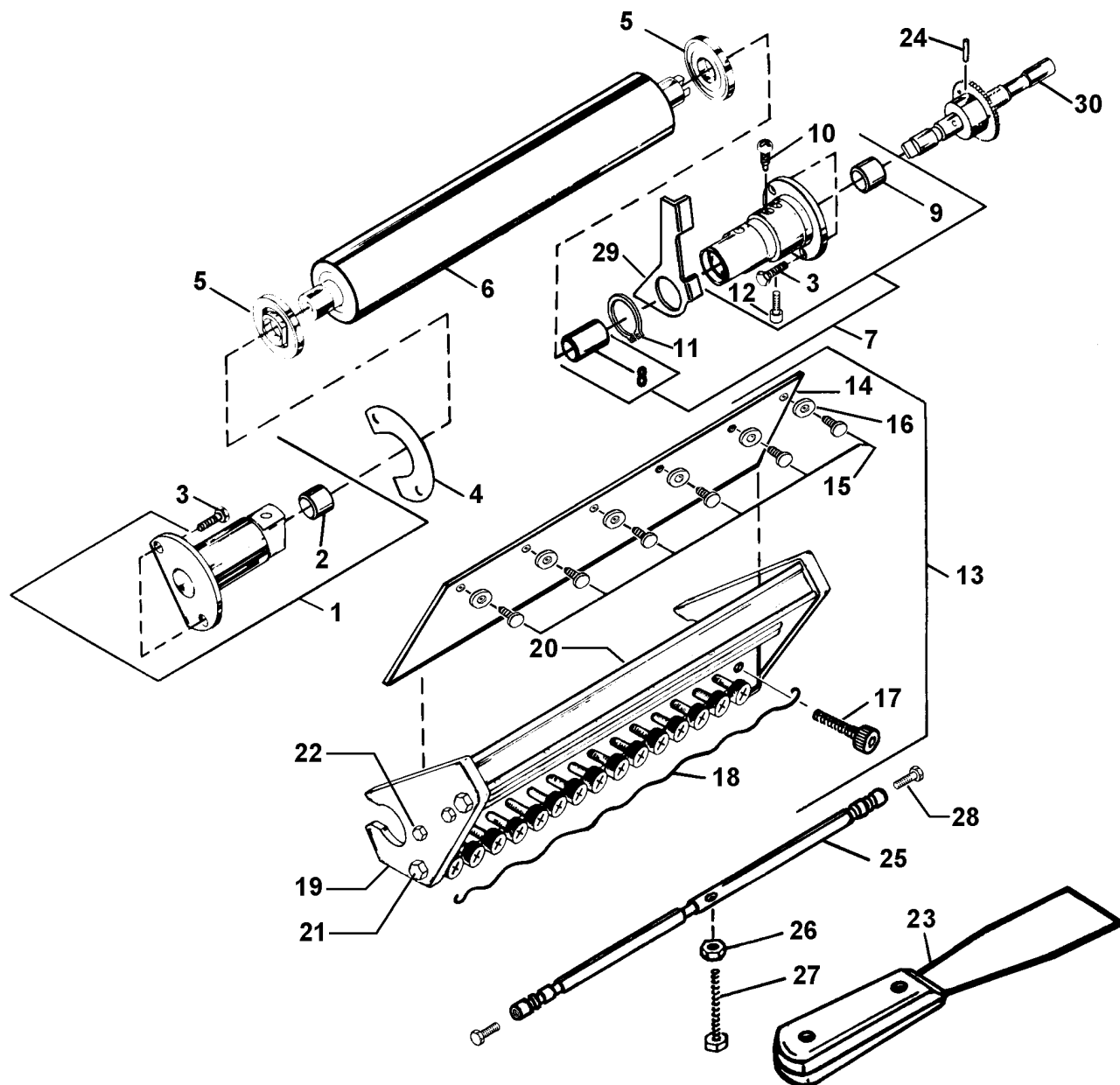


FIGURE 19
Ink Metering Assembly

Ink Metering Assembly

Index No.	Part No.	Figure 19 Description	Units Per Assy.
1	018364	BUSHING ASSEMBLY - N.O.S.	1
2	001497	BUSHING - .630 O.A.L.	1
3	111051	SCREW - 10-32 x 5/16	4
4	018368	SHIM - Bushing, N.O.S.	A/R
5	018360	SEAL - Ink Roller	2
6	010156	ROLLER - Ink, Rubber	1
7	018362	BUSHING ASSEMBLY - O.S.	1
8	014646	BUSHING - 1.255 O.A.L.	1
9	001413	BUSHING - .750 O.A.L.	1
10	072620	SCREW - Shoulder, 10-32	1
11	001785	RING - Retaining, .903 I.D.	1
12	100863	SCREW	1
13	010150	METERING BLADE ASSEMBLY	1
14	402197	BLADE - Ink Fountain (Pkd.)	1
15	102333	SCREW	6
16	000666	LOCK WASHER	6
17	073512	SCREW - Ink Adjustment	15
18	010155	SPRING - Screw, Tension	1
19	018378	END PLATE - O.S. and N.O.S.	2
20	010151	BASE - Machined Ink Fountain	1
21	190646	BOLT - Shoulder	4
22	102333	BOLT	2
23	073411	INK KNIFE	1
24	000011	PIN - Taper, .122 x 7/8	1
25	403662	TIE BAR - Metering Assembly Adjustment	1
26	001812	NUT - 10-32	1
27	001260	SCREW - Adjusting, 10-32 x 1-1/4	1
28	196264	SCREW	2
29	017636	LEVER - Lockout	1
30	018366	EXTENSION ASSEMBLY - Knob	1
***	402196	METERING BLADE KIT - Consisting of Blade, Lockwashers, Screw Sealant and Instructions.	1

Ink Metering Linkage

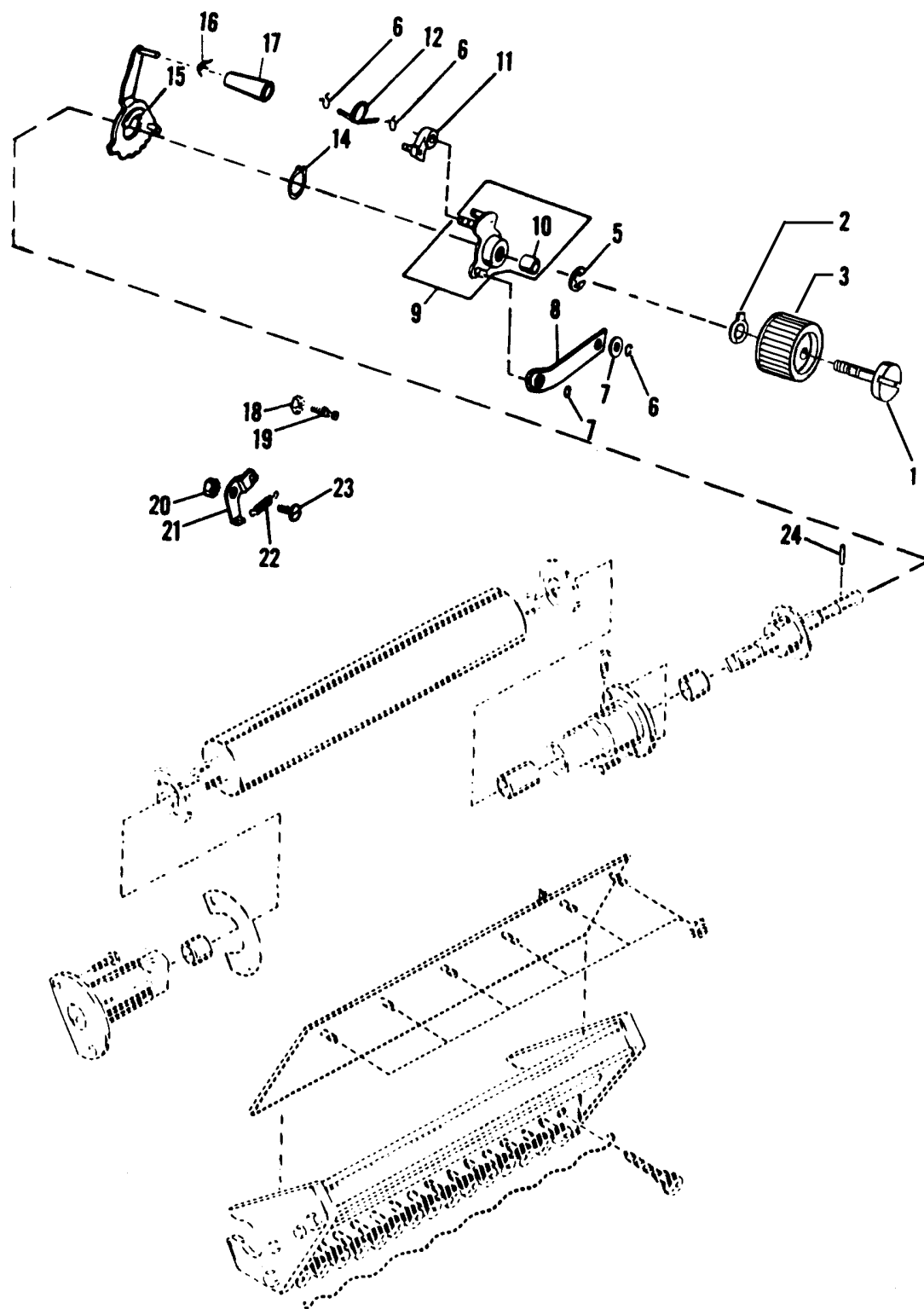


FIGURE 20
Ink Metering Linkage

Ink Metering Linkage

Index No.	Part No.	Figure 19 Description	Units Per Assy.
1	196248	SCREW - Ink Fountain	1
2	039642	RING - Vinyl	1
3	017739	KNOB - Ink Fountain	1
5	001094	RING - Retaining, .394 I.D.	1
6	001046	RING - Retaining, .283 I.D.	4
7	016574	WASHER - .315 I.D.	1
8	076734	LINK - Operating Lever	1
9	080635	LEVERASSEMBLY	1
10	001497	BUSHING	1
11	080630	PAWL - Operating Lever	1
12	080634	SPRING - Operating Lever	1
14	001076	RING - Retaining, .824 I.D.	1
15	017702	LEVER - Ink Control	1
16	072052	LOCK - Spring	1
17	011371	HANDLE	1
18	014808	NUT - 10-32	1
19	072411	STUD	1
20	150085	NUT - 1/4-28	1
21	073078	LATCHANDPIVOT	1
22	041291	SPRING - Tension, .986 O.A.L.	1
23	071181	SCREW - Shoulder, 1/4-28	1
24	014921	PIN - Roll, .135 O.D. x .890 O.A.L.	1

Master Cylinder Assembly

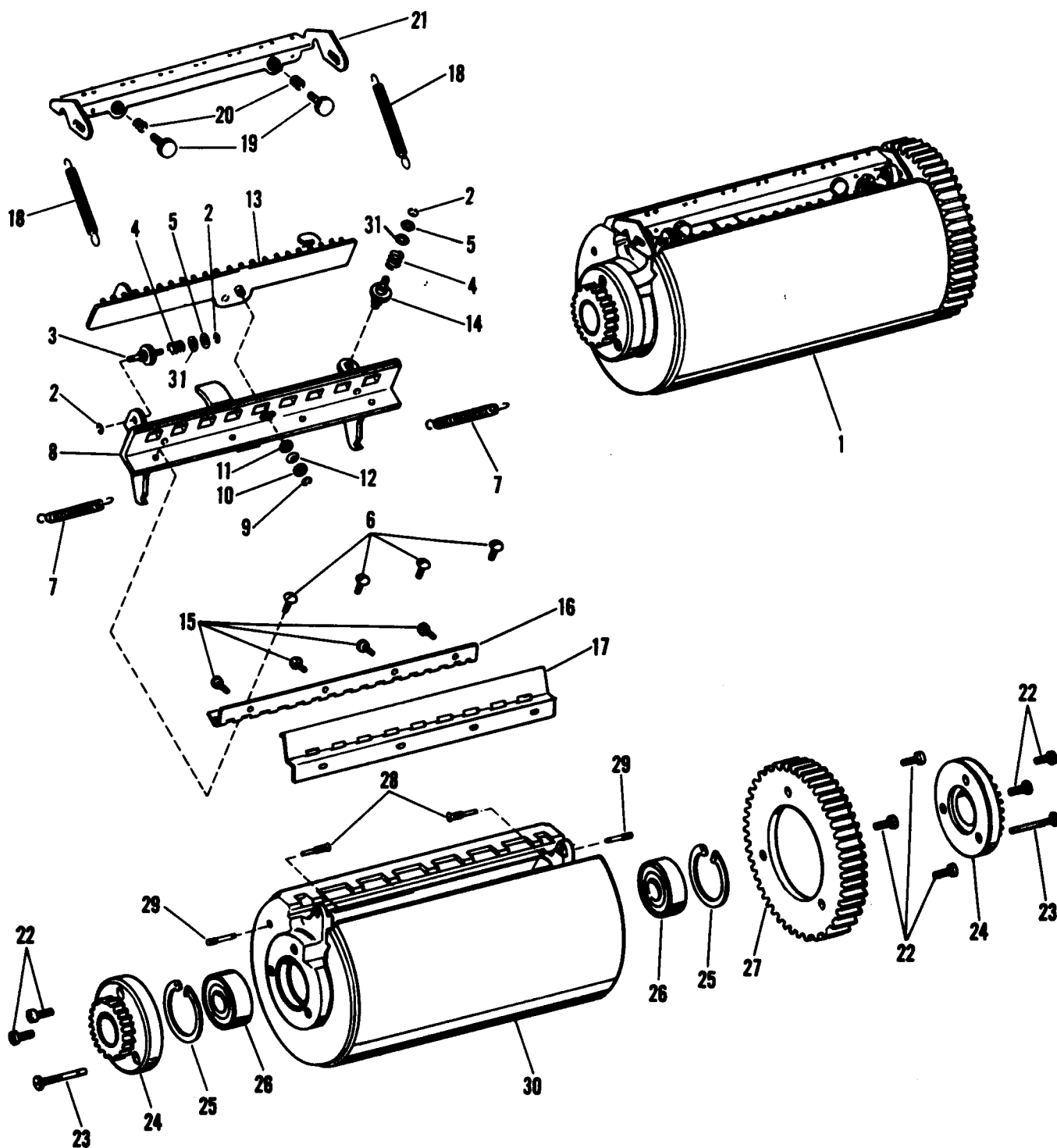


FIGURE 21
Master Cylinder Assembly

Master Cylinder Assembly

Index No.	Part No.	Figure 21 Description	Units Per Assy.
1	***	MASTER CYLINDER ASSEMBLY	1
2	014504	RING - E, .146 I.D. x .335 O.D. x .027	4
3	076762	KNOB	1
4	190329	SPRING - Compression, .417 O.D. x .375 O.A.L. x .0322	2
5	001702	WASHER - .195 I.D. x .500 O.D. x .031	2
6	001292	SCREW - 8-32 x 5/16	4
7	072442	SPRING - Tension, .343 O.D. x 2.000 O.A.L. x .040	2
8	076535	BRACKET ASSEMBLY	1
9	001060	RING - E, .208 I.D. x .527 O.D. x .027	1
10	021203	WASHER - .254 I.D. x .500 O.D. x .029	1
11	003268	WASHER - .254 I.D. x .500 O.D. x .047	1
12	014754	WASHER - Spring, .260 I.D. x .448 O.D. x .005	1
13	076769	PIN BAR ASSEMBLY	1
14	076761	KNOB	1
15	014164	SCREW - Cap, 8-32 x 7/16	4
16	076755	HINGE	1
17	084484	STOP PLATE AND CLAMP ASSEMBLY - 3/32 Lip	1
18	072512	SPRING - Tension, .343 O.D. x 3.031 O.A.L. x .035	2
19	192919	SCREW - Knurled, 1/4-28	2
20	192997	SPRING - Compression, Conical, .593 O.A.L.	2
21	076109	TAIL CLAMP ASSEMBLY	1
22	014111	SCREW - Cap, 1/4-28 x 5/8	7
23	076122	SCREW - Dowel, 1/4-28	2
24	078909	GEAR	2
25	001065	RING - Retaining Internal, 2.089 O.D. x .065	2
26	078714	BEARING - .7874 I.D. x 1.8504 O.D.	2
27	078908	GEAR	1
28	076774	SCREW - Pivot, 1/4-28	2
29	076126	PIN - Knurled, .256 O.D. x 1.125 O.A.L.	2
30	076397	MASTER CYLINDER	1
31	191808	WASHER - .203 I.D. x 1/2 O.D. x .020	2

*** Not Available As An Assembly

Master Cylinder Shaft and Support Arms

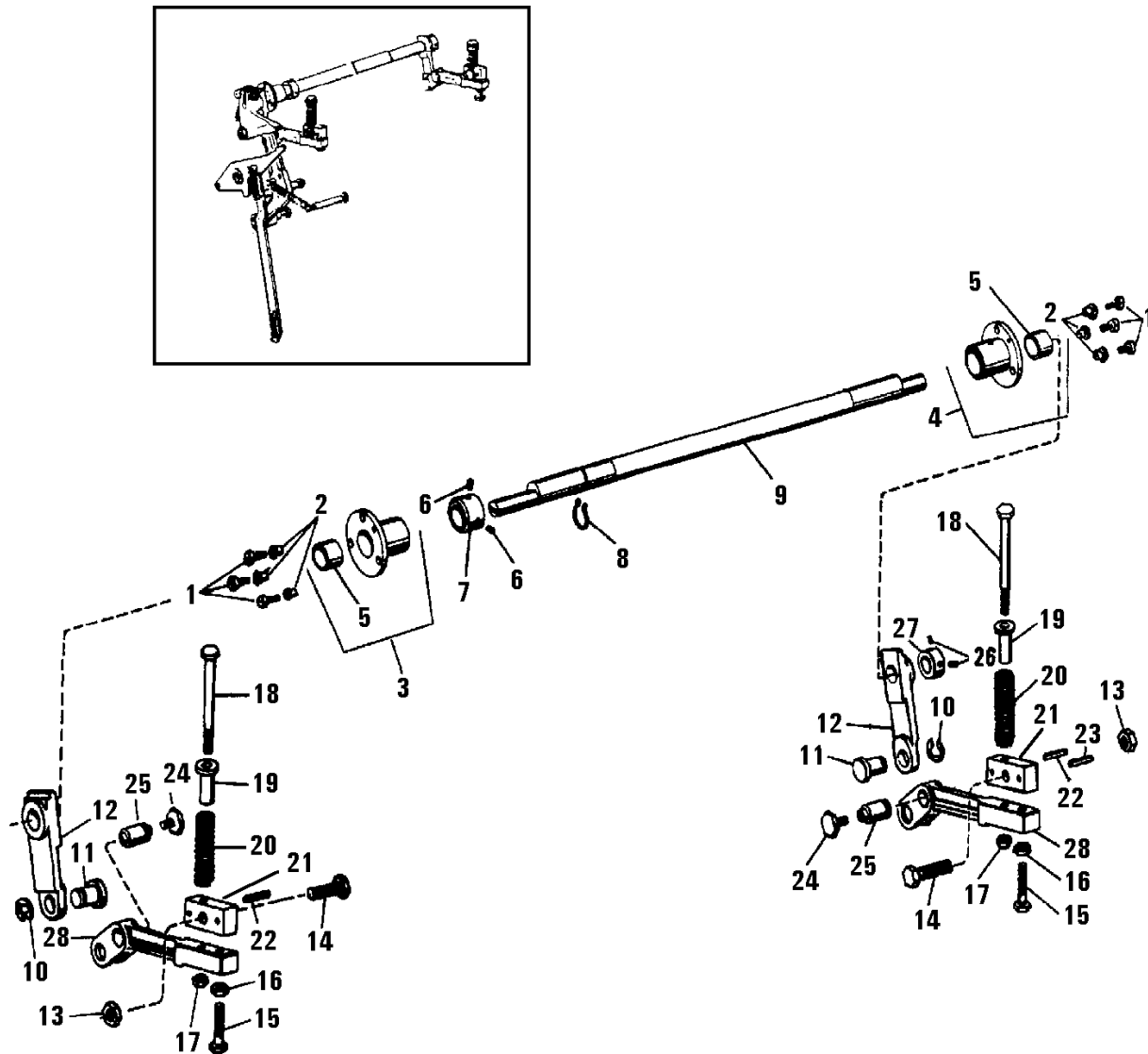


FIGURE 22
Master Cylinder Shaft and Support Arms

Master Cylinder Shaft and Support Arms

Index No.	Part No.	Figure 22 Description	Units Per Assy.
1	100141	SCREW - 1/4-28 x 1/2	6
2	080972	SPACER	6
3	084409	BEARING ASSEMBLY - O.S.	1
4	084409	BEARING ASSEMBLY - N.O.S.	1
5	193600	BUSHING	1
6	014206	SCREW - Set, 10-32 x 3/8	2
7	078955	COLLAR.....	1
8	014450	RING - Retaining, .727 I.D. x .044	1
9	078960	SHAFT	1
10	001094	RING - Retaining, .394 I.D. x .800 O.D. x .044	2
11	072394	PIVOT	2
12	072392	LINK - Support	2
13	150089	NUT - 3/8-24	2
14	014121	SCREW - 3/8-24 x 1-1/4	2
15	195721	SCREW - 5/16-24 x 1-1/4	2
16	001834	NUT - 5/16-24	2
17	001821	NUT - 1/4-28	2
18	014172	BOLT - 1/4-28 x 3-3/4	2
19	072416	GUIDE.....	2
20	072415	SPRING - Compression, .794 O.D. x 2.937 O.A.L.	2
21	010421	BLOCK - Cylinder Support Arm	2
22	014972	PIN - Spirol, 3/16 O.D. x 15/16"	1
23	101146	PIN - Spirol, 3/16 O.D. x 1-1/4" (Blanket, Guard Stop)	1
24	080715	SCREW - Shoulder, 5/16-24	2
25	017077	STUD - 9/16" Pivot, 5/16-24 End W/Flats	2
26	014372	SCREW - Set, 10-32 x 1/4	2
27	072422	COLLAR.....	1
28	083313	ARM - Support, 9/16" Pivot	2

Operation Control Lever

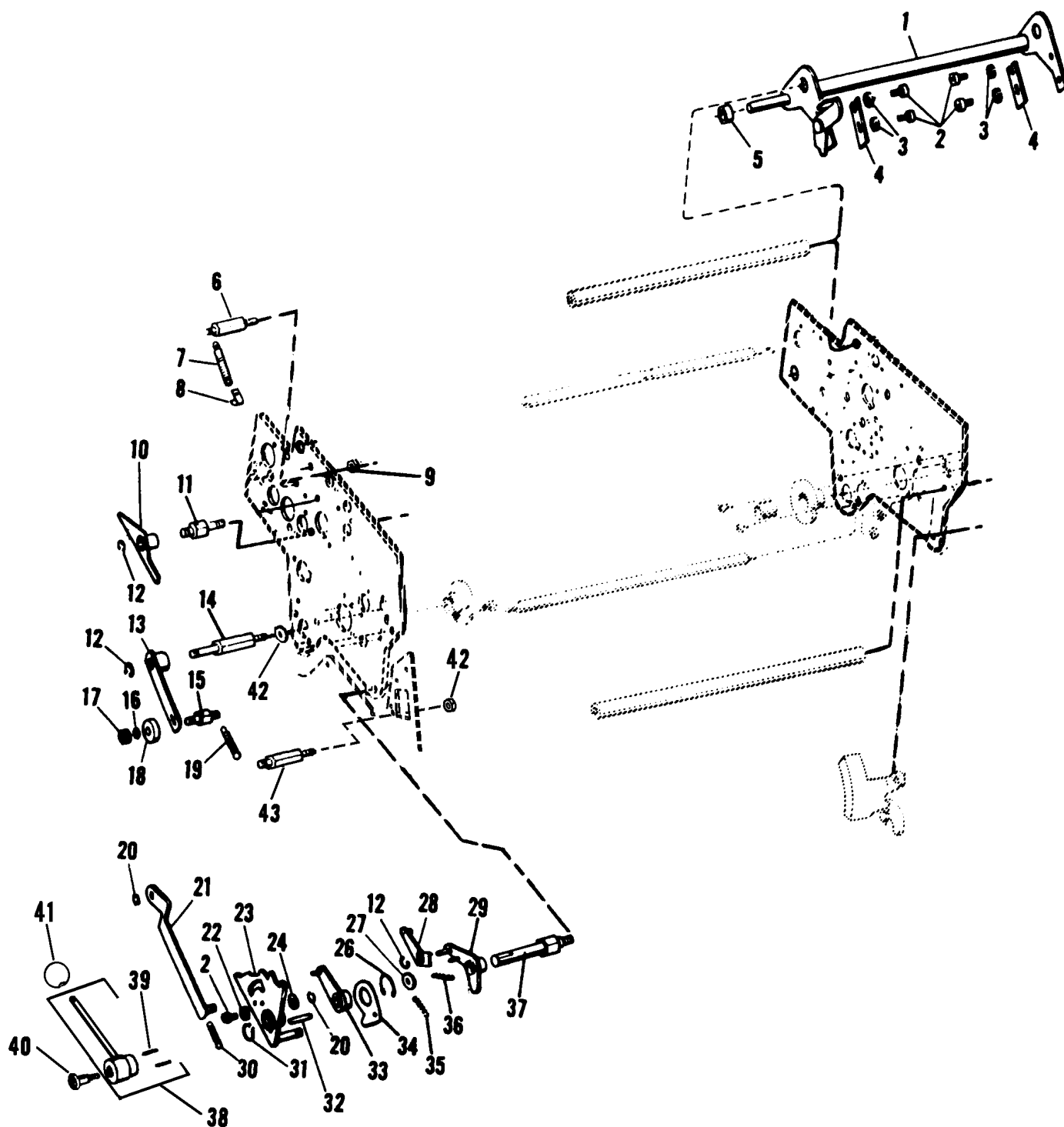


FIGURE 23
Operation Control Lever

Operation Control Lever

Index No.	Part No.	Figure 23 Description	Units Per Assy.
1	010158	LEVER AND SHAFT ASSEMBLY	1
2	014350	SCREW - Cap, 10-32 x 5/16	5
3	021861	WASHER - .196 I.D.	4
4	073524	SLIDE	2
5	075643	SPACER	1
6	075644	STUD	1
7	064589	SPRING - Tension, .250 O.D. x 1.187 O.A.L.	1
8	073107	HOOK	1
9	014808	NUT - 10-32	1
10	071611	LEVER	1
11	191034	STUD	1
12	001060	RING - Retaining, .208 I.D.	2
13	071606	LEVER	1
14	402024	STUD	1
15	191934	STUD	1
16	000666	WASHER - Lock, .194 I.D. (Split)	1
17	001812	NUT - 10-32	1
18	064234	TRUCK	1
19	020379	SPRING - Tension, .375 O.D. x 1.593 O.A.L.	1
20	001095	RING - Retaining, .245 I.D.	2
21	071596	LINK	1
22	071610	DISC	1
23	071598	CAM	1
24	018062	WASHER - .328 I.D.	1
26	014520	RING - Retaining, .683 I.D.	1
27	014709	WASHER - .767 I.D.	1
28	071603	LEVER	1
29	071601	LEVER	1
30	193397	SPRING - Tension, .390 O.D. x 1.821 O.A.L. (1st Design)	1
30	073542	SPRING - Tension, .375 O.D. x 1.046 O.A.L.	1
31	001048	RING - Retaining, .463 I.D.	1
33	076698	LEVER	1
34	076702	LEVER	1
35	193007	SPRING - 250 O.D. x 1.140 O.A.L.	1
36	022343	SPRING - Tension, .187 O.D. x .687 O.A.L.	1
37	084407	SHAFT	1
38	017744	LEVER ASSEMBLY - Operation Control Hub Assembly	1
39	197456	PIN	2
40	196249	SCREW - Single Lever Control	1
41	017819	KNOB	1
42	150085	LOCKNUT	1
43	402889	SPRING ANCHOR	1

Upper Side Frames

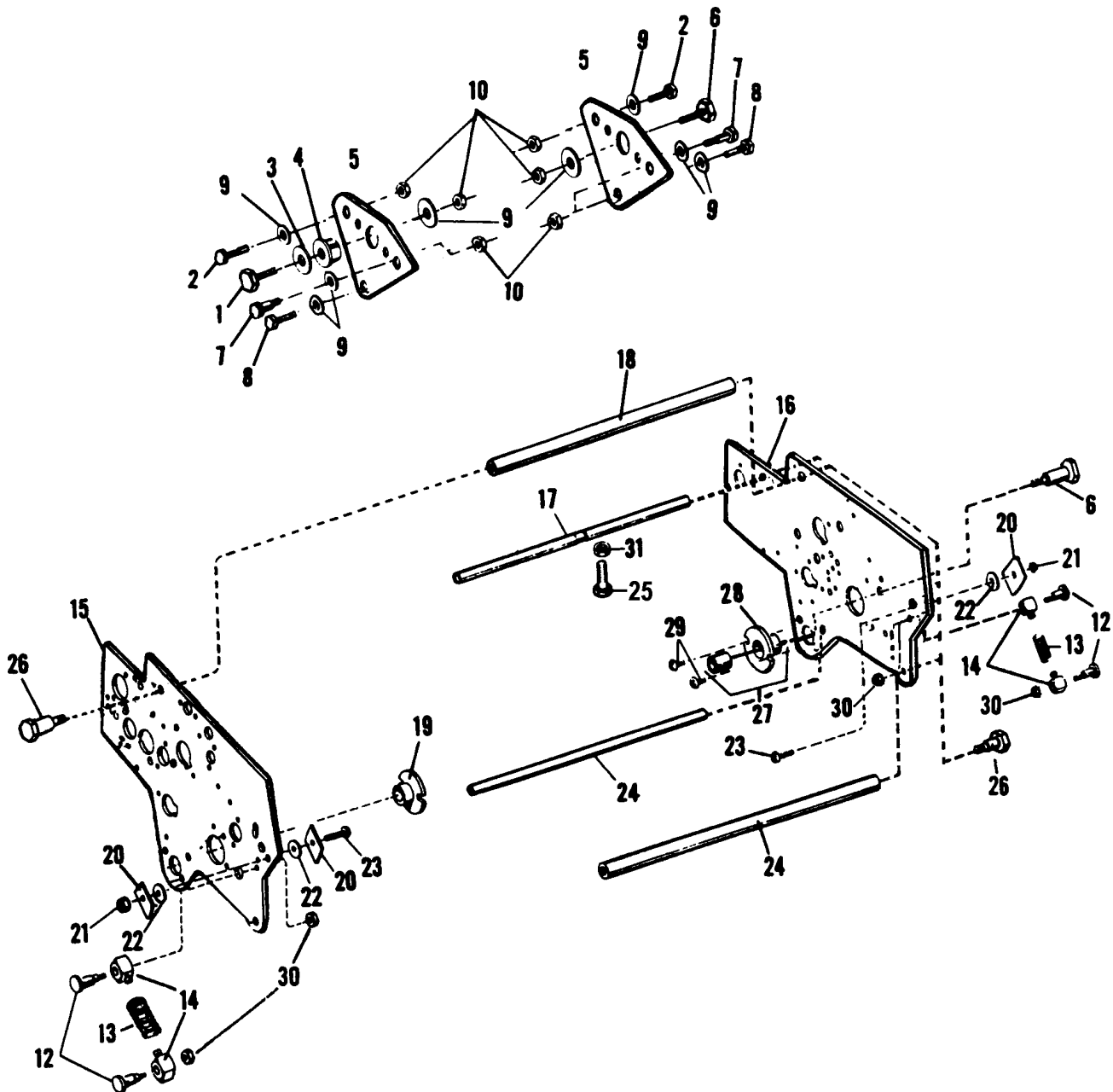


FIGURE 24
Upper Side Frames

Upper Side Frames

Index No.	Part No.	Figure 24 Description	Units Per Assy.
1	084291	SCREW - Shoulder, 3/8-24.....	1
2	194823	SCREW - Shoulder, 3/8-24 (Chain Guard Pivot).....	2
3	021911	WASHER - .578 I.D. x .875 O.D.	1
4	084289	BUSHING - Eccentric	1
5	076825	PLATE - Head Support	2
6	073140	SCREW - Pivot, 3/8-24 x 5/8.....	1
7	191427	SCREW - Shoulder, 3/8-24	2
8	111099	SCREW - 3/8-24 x 7/8	2
9	191428	WASHER - .510 I.D. x 1.000 O.D.	8
10	150089	NUT - 3/8-24	8
12	072349	SCREW - Eccentric, 1/4-28	4
13	072424	SPRING - Compression, .537 O.D. x 1.343 O.A.L. x .063	2
14	072389	BLOCK	4
15	016206	FRAME - Upper, O.S.	1
16	016207	FRAME - Upper, N.O.S.	1
17	403662	TIE BAR	1
18	072170	TIE BAR - 5/16-24	1
19	074324	BUSHING ASSEMBLY - (10-32 Thread)	1
20	007745	GUIDE	3
21	150085	NUT - 1/4-28	2
22	021268	WASHER - .265 I.D. x .437 O.D. x .015	3
23	111074	SCREW - 1/4-28 x 3/4	2
24	084406	TIE BAR	2
25	001260	SCREW - Adjusting, 10-32 x 1-1/4	1
26	193601	SCREW - Shoulder, 5/16-24.....	7
27	074323	BUSHING ASSEMBLY - (10-32 Thread).....	1
28	014606	BUSHING - .629 I.D. x .753 O.D. x .630 O.A.L.	1
29	211054	SCREW - 10-32 x 1/2	4
30	014807	NUT - 1/4-28	4
31	001812	NUT - 10-32	1

Master Cylinder Lever Assemblies

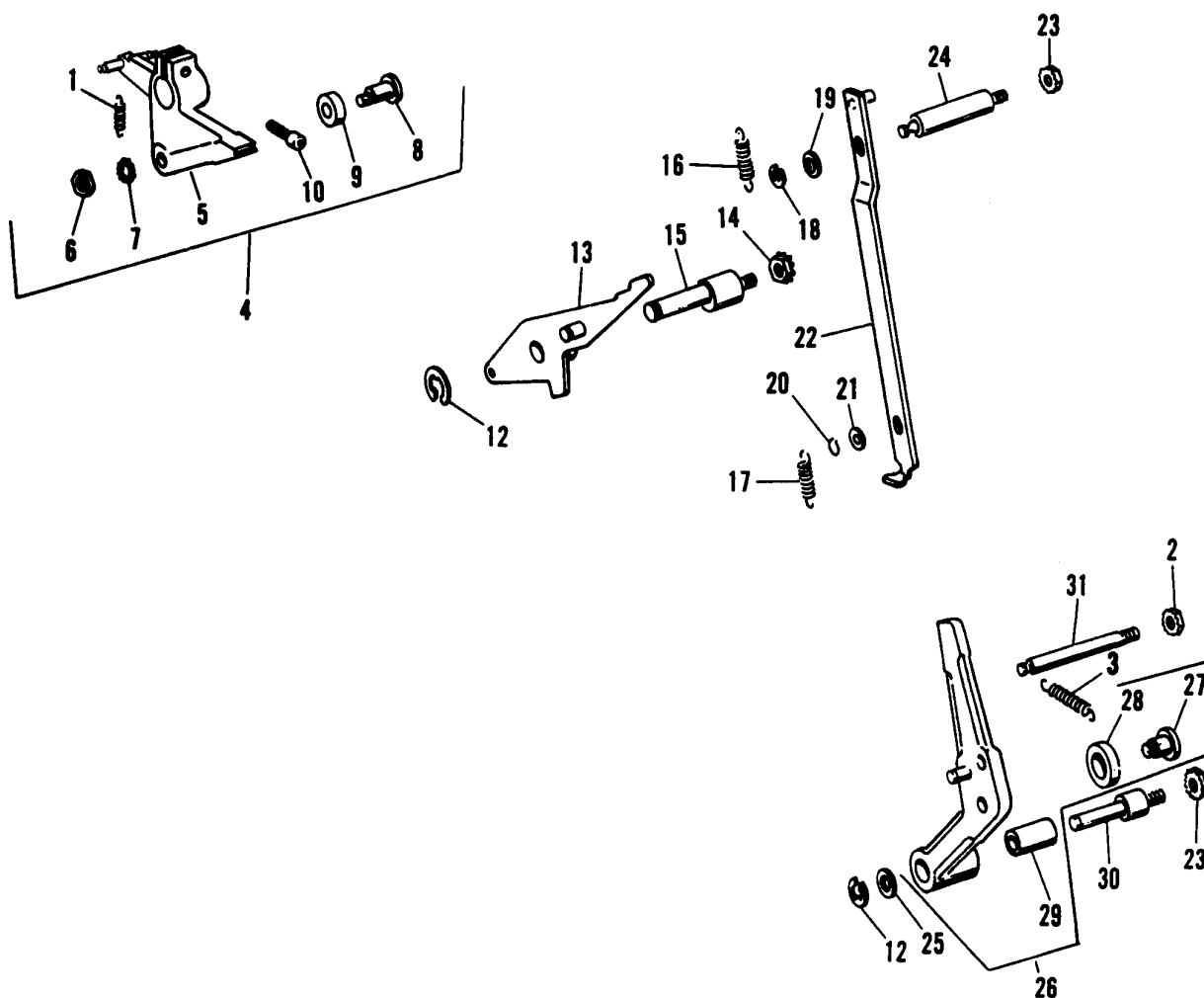
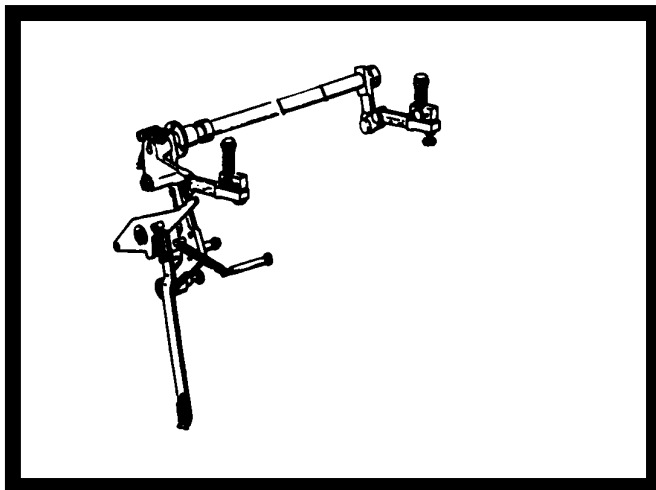


FIGURE 25
Master Cylinder Lever Assemblies

Master Cylinder Lever Assemblies

Index No.	Part No.	Figure 25 Description	Units Per Assy.
1	190148	SPRING - Tension, .406 O.D. x 2.312 O.A.L.	1
2	014808	NUT - 5/16-24	2
3	072442	SPRING - Tension, .343 O.D. x 2.000 O.A.L.	1
4	072350	LEVER ASSEMBLY	1
5	071560	LEVER	1
6	001818	NUT - 2/4-28	1
7	001740	LOCKWASHER - .262 I.D. x .500 O.D. x .025	1
8	072357	SCREW - Eccentric	1
9	072358	TRUCK	1
10	100891	SCREW - 1/4-20 x 1.000	1
12	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	2
13	072370	LEVER ASSEMBLY - Latch	1
14	014807	NUT - 1/4-28	1
15	072373	STUD	1
16	072511	SPRING - .250 O.D. x 1.125 O.A.L.	1
17	041777	SPRING - .312 O.D. x 2.344 O.A.L.	1
18	001060	RING - Retaining, .208 I.D. x .527 O.D. x .027	1
19	021203	WASHER - .254 I.D. x .500 O.D. x .029	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	LINK ASSEMBLY - Latch	1
23	150085	NUT - 1/4-28	2
24	072388	STUD	1
25	014727	WASHER - .382 I.D. x .750 O.D. x .029	1
26	400991	LEVER ASSEMBLY - Power	1
27	192323	SCREW - Eccentric	1
28	072367	TRUCK	1
29	001446	BUSHING	1
30	072369	STUD	1
31	072129	STUD	1

Blanket Cylinder Assembly

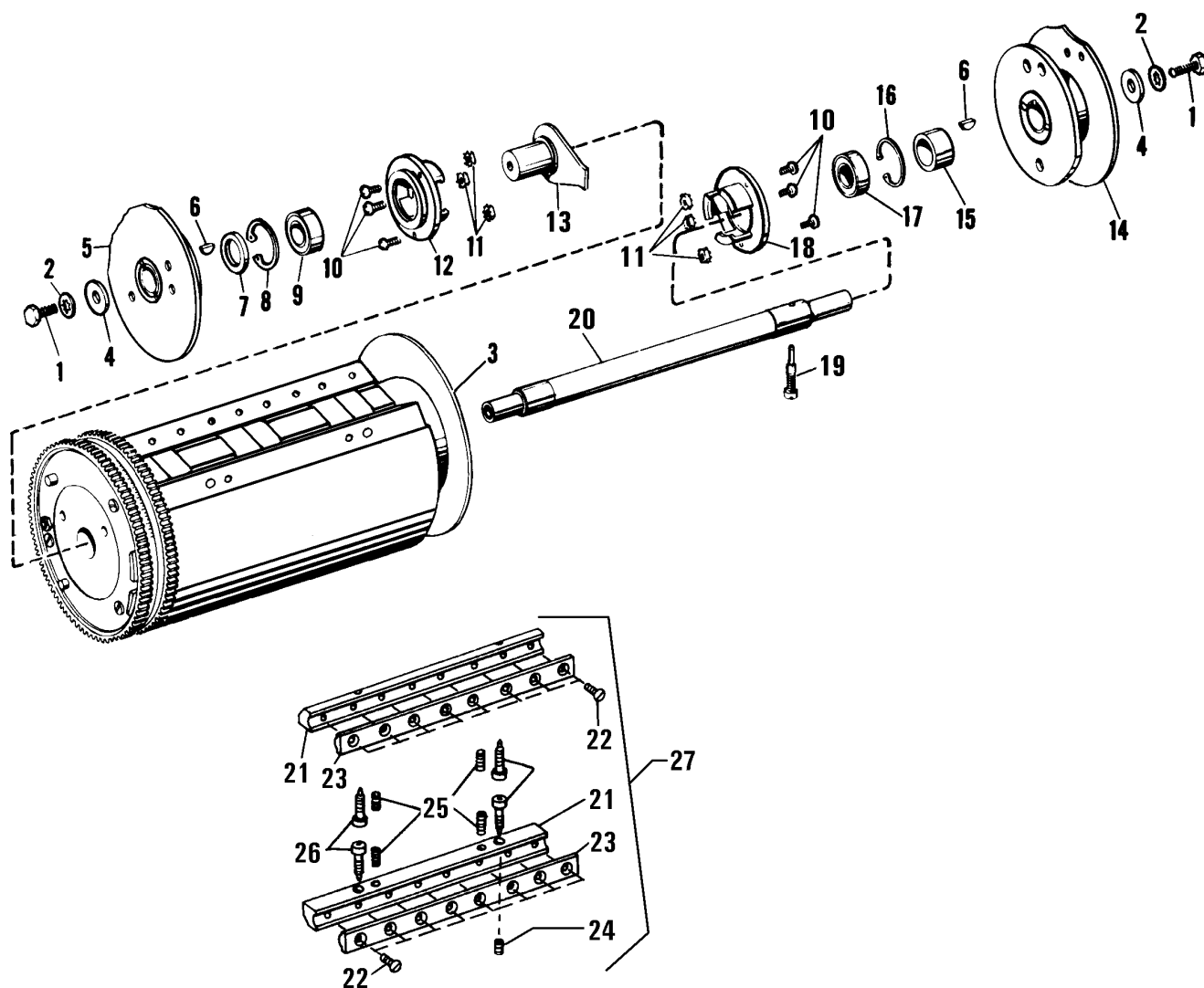


FIGURE 26
Blanket Cylinder Assembly

Blanket Cylinder Assembly

Index No.	Part No.	Figure 26 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	078532	CAM ASSEMBLY - Blanket Cylinder N.O.S.	1
6	078527	KEY - Woodruff, #505	2
7	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	6
11	150083	NUT - 10-32	6
12	012705	HOUSING - N.O.S.	1
13	078533	ARM ASSEMBLY - Blanket Cylinder	1
14	076083	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 - .7874 I.D. x 1.8504 O.D.	1
18	012703	BEARING HOUSING - O.S.	1
19	078526	SCREW - Pivot, 5/16 - 24	1
20	078525	SHAFT	1
21	076093	CLAMP - Lower	2
22	014151	SCREW 10-32 x 1/2	16
23	076092	CLAMP - Upper	2
24	100392	INSERT	4
25	014313	SCREW - Set, 1/4 -28 x 1.00	4
26	190236	SCREW - Socket Head, 1/4 -28 x 1-1/2	4
27	1-3665	BLANKET CLAMP KIT	1

***Not Available As An Assembly

Print Adjusting and Blanket Cylinder Assembly

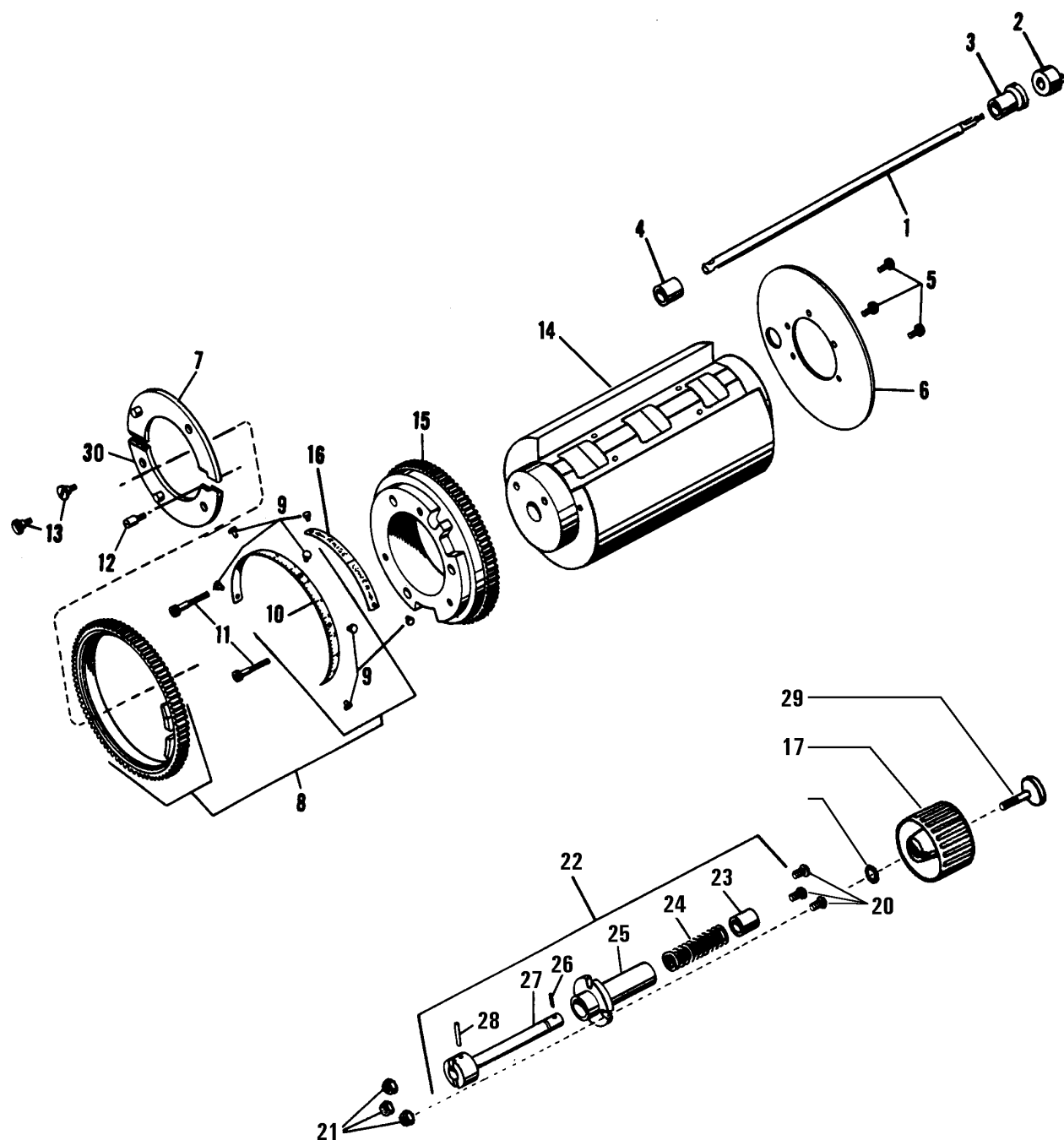


FIGURE 27
Print Adjusting and Blanket Cylinder Assembly

Print Adjusting and Blanket Cylinder Assembly

Index No.	Part No.	Figure 27 Description	Units Per Assy.
1	018579	ROD	1
2	018469	NUT - 3/8-40	1
3	003586	WASHER - (Not Illustrated)	1
5	111073	SCREW - 1/4-28 x 5/8	3
6	084089	SHIELD	1
7	018577	RING ASSEMBLY - R.H.	1
8	078554	GEAR ASSEMBLY	1
9	014570	PIN - Drive Lok, .076 O.D. x 3/16	5
10	078553	SCALE	1
11	014257	SCREW - Cap, 1/4-28 x 1-1/4	2
12	078556	SCREW - Special, 1/4-28 x 1-3/16	1
13	020138	SCREW - Shoulder, 10-32	2
14	076403	CYLINDER - Blanket	1
15	078415	GEAR	1
16	078552	INDICATOR	1
17	017739	KNOB	1
19	039642	RING - Vinyl	1
20	111055	SCREW - 10-32 x 9/16	3
21	150083	NUT - 10-32	3
22	009558	PRINT ADJUSTING ASSEMBLY	1
23	078542	BUSHING	1
24	078541	SPRING - Compression, .418 I.D. x 2.000 O.A.L.	1
25	076856	HOUSING	1
26	014921	PIN - Roll, .135 O.D. x .890 O.A.L.	1
27	009559	ROD ASSEMBLY	1
28	001987	PIN - Roll, .167 O.D. x .890 O.A.L.	1
29	196248	SCREW - Vertical Copy Adjust Knob	1
30	018575	RING ASSEMBLY - L.H.	1

Hand Wheel and Drive Shaft Assemblies

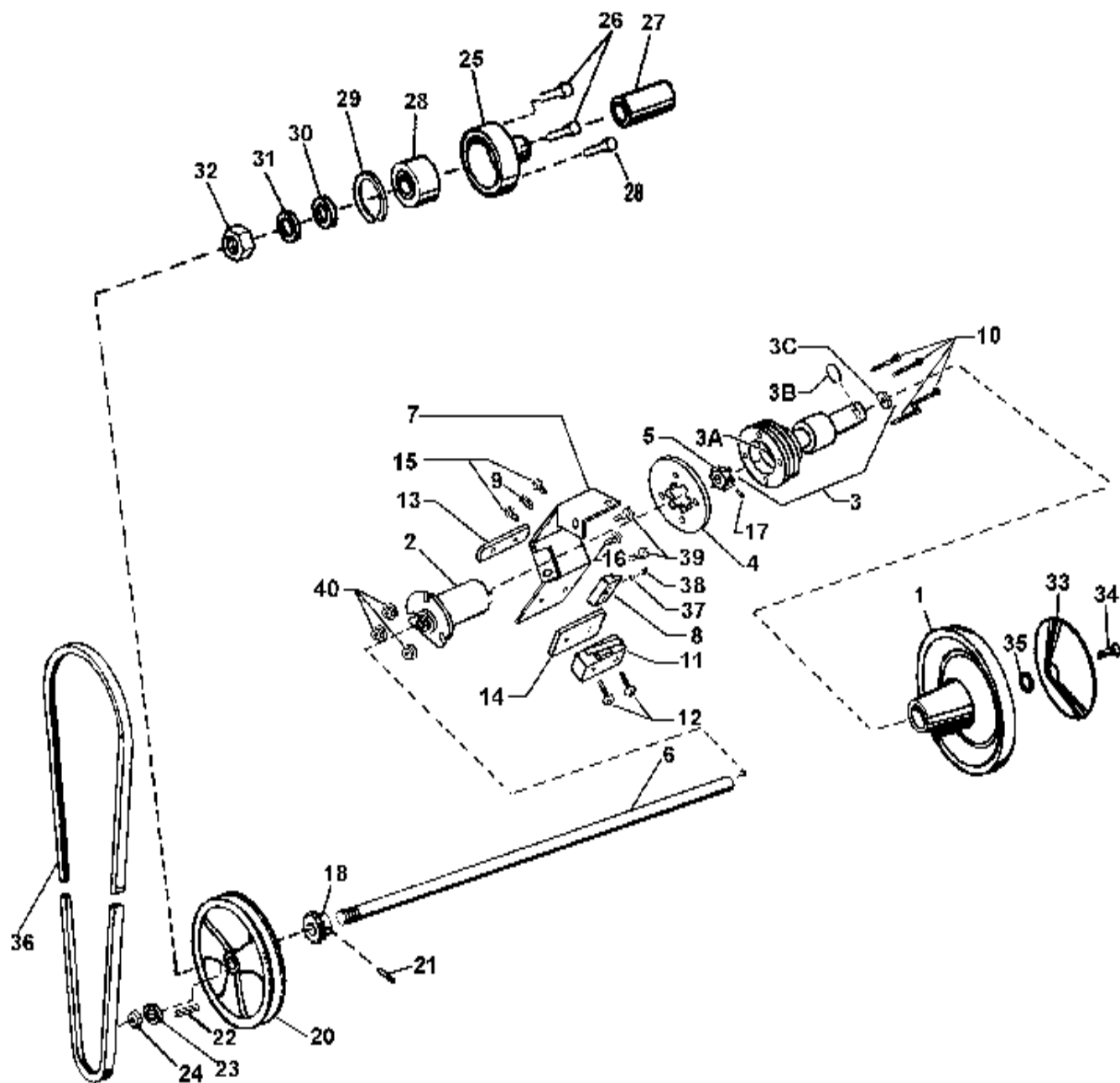


FIGURE 28
Hand Wheel and Drive Shaft Assemblies

Hand Wheel and Drive Shaft Assemblies

Index No.	Part No.	Figure 28 Description	Units Per Assy.
1	401997	HANDWHEEL	1
2	400975	BEARING HOUSING ASSEMBLY	1
3	400979	SHAFT EXTENSION ASSEMBLY	1
4	400977	SPLINE - Disc	1
5	400978	SPLINE - Shaft	1
6	403631	SHAFT - Drive	1
7	400984	BRACKET - Switch Assembly	1
8	403292	BLOCK - Ball Plunger	1
9	403293	BALL - Plunger	1
10	102029	SCREW - Allen Head	4
11	254315	SWITCH	1
12	100961	SCREW - Switch Mounting	2
13	190731	NUT PLATE - Switch	1
14	254475	INSULATOR	1
15	111053	SCREW - Mounting Block	2
16	111055	SCREW	2
17	101331	PIN	1
18	080191	GEAR - Pinion	1
19	196633	BELT	1
20	083316	PULLEY	1
21	001523	SETSCREW	1
22	191963	KEY - Pulley, 3/16 Square x 1-3/8	1
23	100648	WASHER	1
24	001847	NUT	1
25	080522	HOUSING ASSEMBLY	1
26	100185	SCREW	1
27	191481	SLEEVE	1
28	190179	BEARING	1
29	100646	RING - Retaining	1
30	079866	SPACER	1
31	014799	WASHER	1
32	196221	NUT	1
33	071398	HANDWHEEL DISC	1
34	195088	SCREW - Handwheel	1
35	001781	SNAP RING	1
36	196633	BELT	1
37	403294	LEAD BALL	1
38	102379	SETSCREW	1

Impression Cylinder Assembly

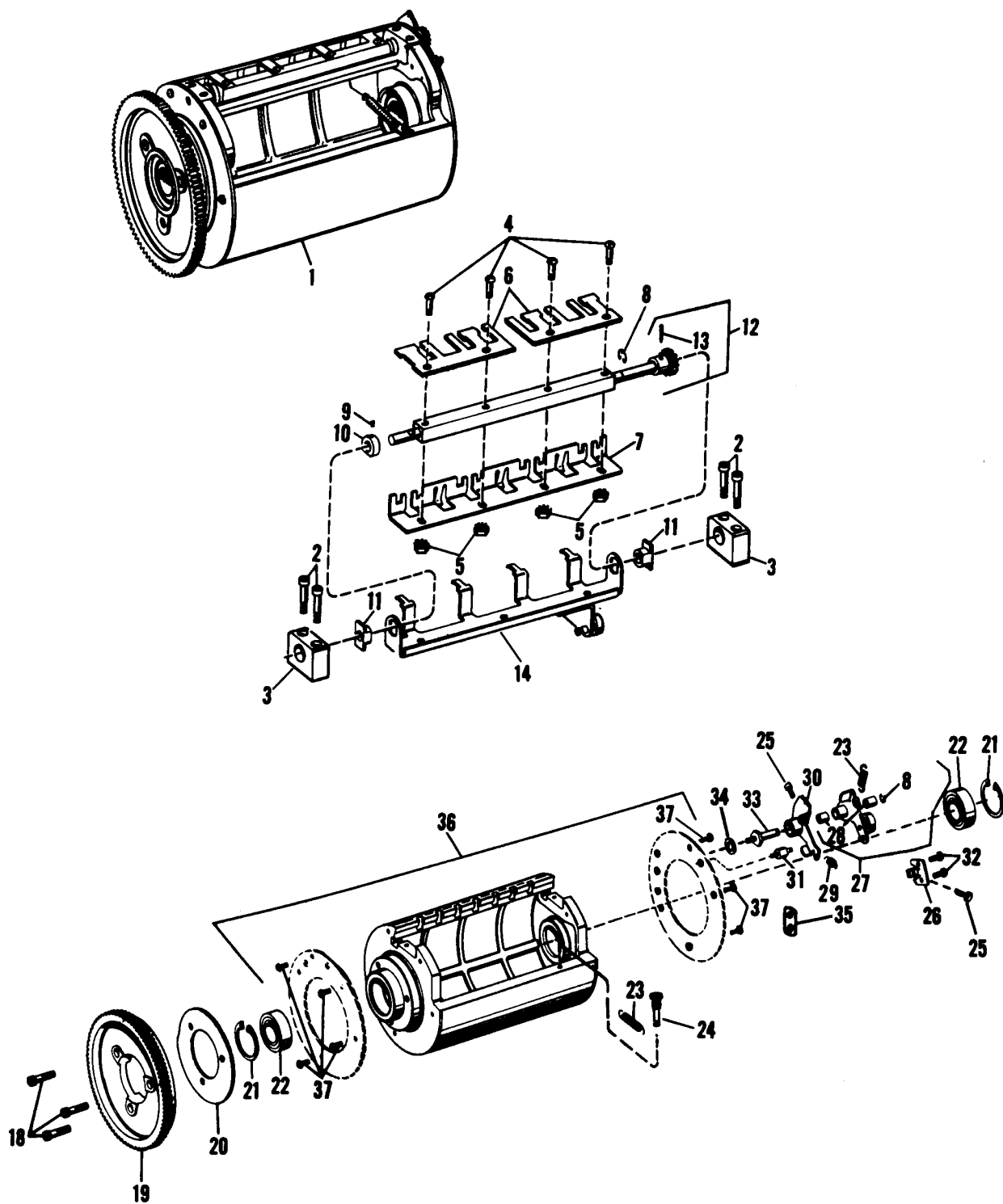


FIGURE 29
Impression Cylinder Assembly

Impression Cylinder Assembly

Index No.	Part No.	Figure 29 Description	Units Per Assy.
1	***	IMPRESSION CYLINDER ASSEMBLY - (8915)	1
1	***	IMPRESSION CYLINDER ASSEMBLY - (8920)	1
2	014175	SCREW - 10-32 x 7/8	4
3	073724	BEARING BLOCK	2
4	014205	SCREW - 10-32 x 13/16	4
5	014808	NUT - 10-32	4
6	078611	FINGER - 1/4"	2
7	078608	PAPER STOP - 1/4"	1
8	001095	RING - Retaining, .245 I.D. x .500 O.D. x .027	2
9	001207	SCREW - Set, 8-32 x 3/16	1
10	078750	COLLAR	1
11	078741	BUSHING	2
12	078721	SHAFT ASSEMBLY - (8915)	1
12	073970	SHAFT ASSEMBLY - (8920)	1
13	000006	PIN - Taper, .0850 O.D. x .562 O.A.L.	1
14	078609	FINGER ASSEMBLY - (8915)	1
18	014165	SCREW - 1/4-28 x 1.000	3
19	078711	GEAR	1
20	078712	CAM	1
21	001066	RING - Retaining, Internal, 2.320 O.D. x .081	2
22	078520	BEARING - .9843 I.D. x 2.0472 O.D.	2
23	078744	SPRING - Tension, .406 O.D. x 1.937 O.A.L. x .049	2
24	076100	ANCHOR - Spring, (8915)	1
25	014174	SCREW - 10-32 x 5/8	2
26	078742	BRACKET ASSEMBLY	1
27	078756	ARM ASSEMBLY	1
28	001429	BUSHING	2
29	078730	SPRING - Tension, .453 O.D. x 1.031 O.A.L. x .063	1
30	078735	SEGMENT ASSEMBLY	1
31	078746	STUD - (8915)	1
31	194679	ANCHOR - Spring, (8920)	1
32	111055	SCREW - 10-32 x 9/16	2
33	076195	STUD	1
34	195837	WASHER - 17/64 I.D. x 3/4 O.D. x 1/8 (8920)	1
35	194678	LINK - (8920)	1
36	076544	CYLINDER SUB ASSEMBLY - (8920)	1
36	076392	CYLINDER SUB ASSEMBLY - (8915)	1
37	111054	SCREW - 10-32 x 1/2 (8915)	6

*** Not Available As An Assembly

Impression Cylinder Shaft and Support Arms

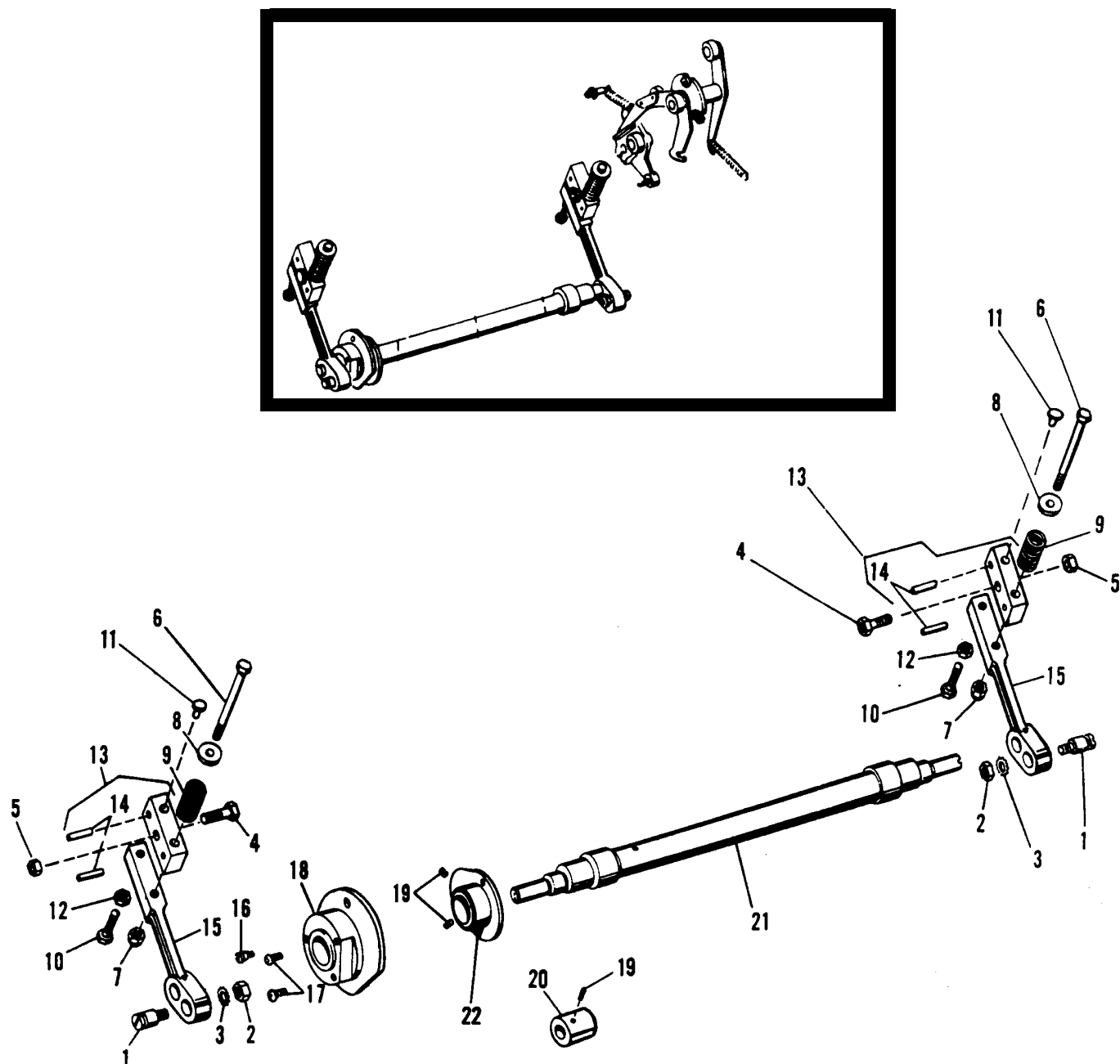


FIGURE 30
Impression Cylinder Shaft and Support Arms

Impression Cylinder Shaft and Support Arms

Index No.	Part No	Figure 30 Description	Units Per Assy.
1	080496	STUD - 3/4 Dia. Pivot	2
2	001845	NUT - 3/8-24	2
3	014750	WASHER - Lock, .398 I.D. x .695 O.D. x .040	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	072416	GUIDE	2
9	193392	SPRING - Comp., .822 O.D. x 2.390 O.A.L x .098	2
10	014173	SCREW - 5/16-18 x 1-1/4	2
11	080447	PIN - Separator (8920)	2
12	001840	NUT - 5/16-18	2
13	080486	BLOCK ASSEMBLY.	2
14	001981	PIN - Roll, .199 O.D. x .827 O.A.L.	2
15	080498	SUPPORT ARM - 3/4 Dia. Pivot	2
16	016158	SCREW - Shoulder	1
17	001649	SCREW - Sems, 10-32 x 1/2"	2
18	010269	CAM ASSEMBLY - (8915)	1
18	010295	CAM ASSEMBLY - (8920)	1
19	014206	SCREW - Set, 1/4-28 x 3/8	3
20	073969	COLLAR - Lock (8920)	1
21	078713	SHAFT	1
22	078715	CAM ASSEMBLY - (8915)	1

Gap Control - Impression Cylinder

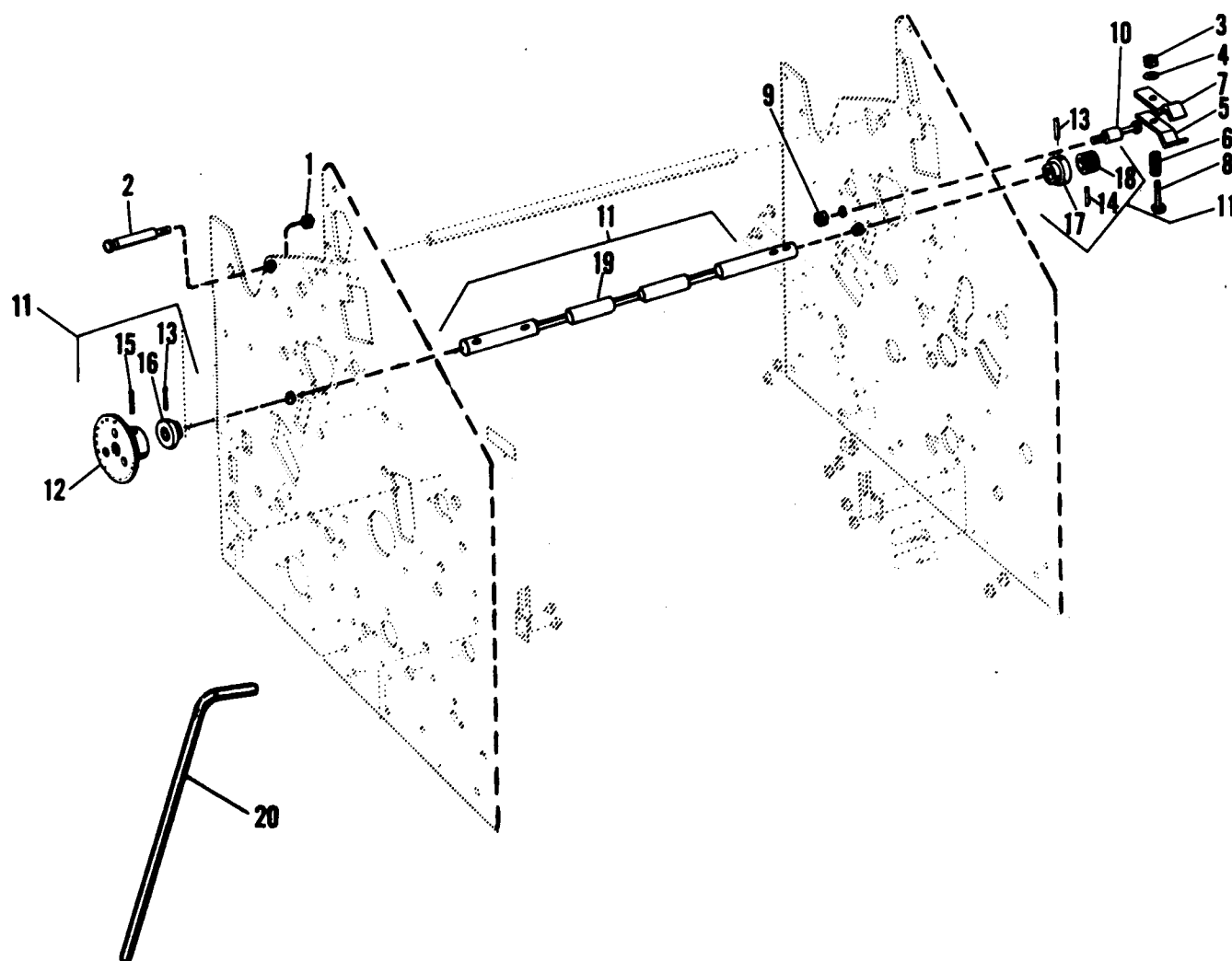


FIGURE 31
Gap Control - Impression Cylinder

Gap Control - Impression Cylinder

Index No.	Part No	Figure 31 Description	Units Per Assy.
1	014808	NUT - 10-32	1
2	190768	STUD	1
3	101051	NUT - 10-32	1
4	001702	WASHER - .195 I.D. x .500 O.D. x .031	1
6	077301	SPRING - Compression, .269 I.D. x .718 O.A.L.	1
7	080452	CLAMP	2
8	150085	SCREW - Shoulder, 10-32	1
9	150085	NUT - 1/4-28	1
10	193323	STUD	1
11	010172	DIAL AND CAM ASSEMBLY	1
12	*	DIAL ASSEMBLY	1
13	001992	PIN - Roll, .135 O.D. x 1.015 O.A.L.	2
14	001980	PIN - Roll, .135 O.D. x .640 O.A.L.	1
15	141573	PIN - Roll, .199 O.D. x .890 O.A.L.	1
16	080448	CAM - O.S.	1
17	080449	CAM - N.O.S.	1
18	073551	DRAG	1
19	*	SHAFT	1
20	196334	ALLEN WRENCH - Special, 1/4" Hex	1

* Not Procurable Separately

Counter and Feed Levers

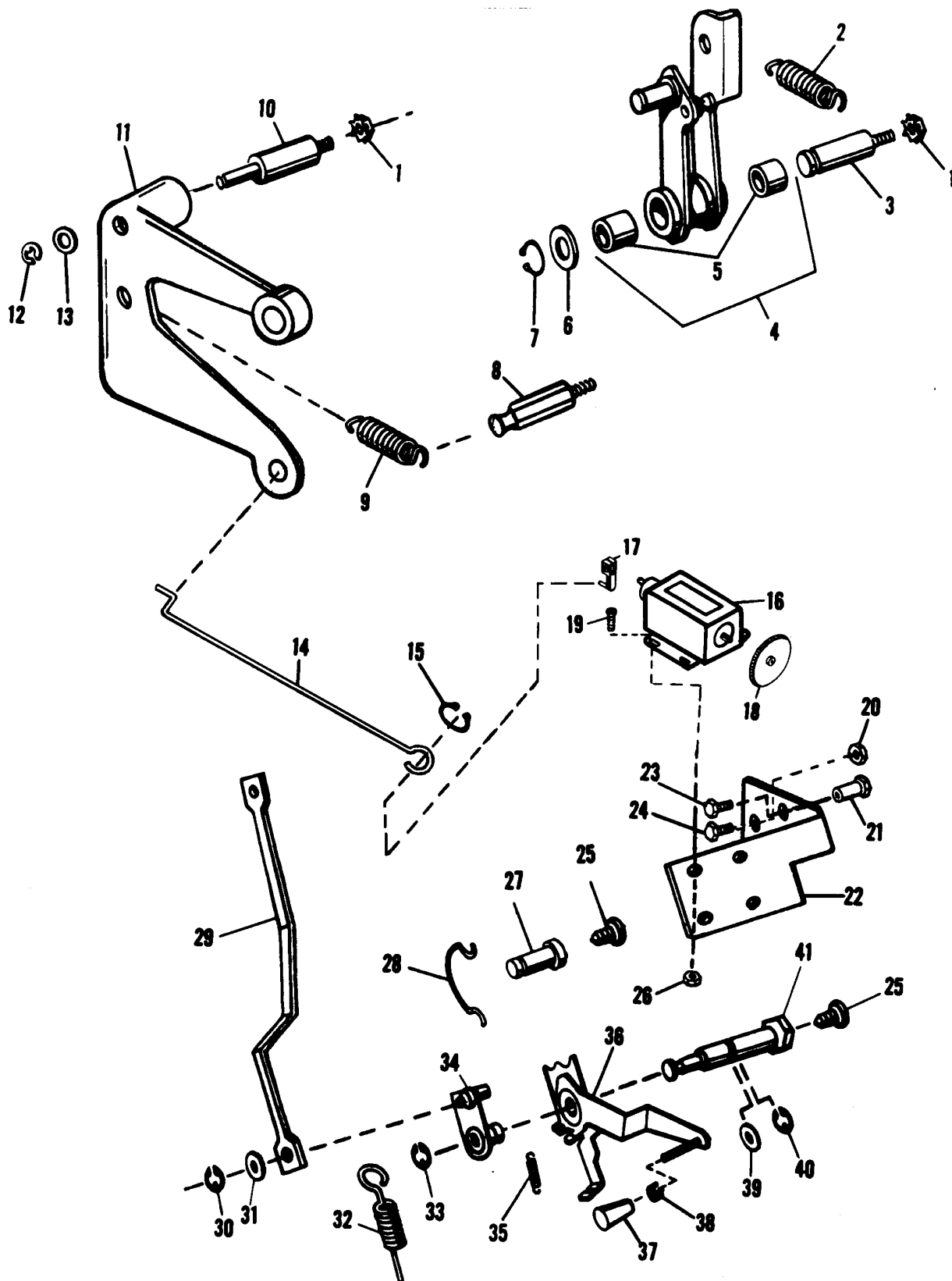


FIGURE 32
Counter and Feed Levers

Counter and Feed Levers

Index No.	Part No	Figure 32 Description	Units Per Assy.
1	150085	NUT - 1/4-28	2
2	072442	SPRING - Tension, .343 O.D. x 2.000 O.A.L. x .040	1
3	072247	STUD	1
4	072239	DOUBLE LEVER ASSEMBLY	1
5	001412	BUSHING - .441 I.D. x .564 O.D. x .375	2
6	190149	WASHER - .441 I.D. x .687 O.D. x .029	1
7	001075	RING - Retaining, .397 I.D. x .027	1
8	401984	STUD - Spring, Anchor	1
9	196430	SPRING - Tension, .359 O.D. x 3.000 O.A.L. x .049	1
10	072440	STUD	1
11	010163	LEVER	1
12	001095	RING - Retaining, .245 I.D. x .500 O.D. x .027	1
13	001766	WASHER - .325 I.D. x .500 O.D.	1
14	010166	ROD - Counter	1
15	014464	RING - Grip, .240 I.D.	1
16	072426	COUNTER ASSEMBLY	1
17	072429	LEVER	1
18	072414	WHEEL - Reset, Redington	1
19	110114	SCREW - 4-40 x 5/16	4
20	150083	NUT - 10-32	1
21	195359	NUT - Adapter	1
22	010165	BRACKET	1
23	111056	SCREW - 10/32 x 5/8	1
24	014230	SCREW - 1/4-28 x 1/2	1
25	101612	SCREW - 1/4-28 x 7/16	2
26	100228	NUT - 4-40	4
27	076711	ANCHOR - Spring	1
28	190395	SPRING - Special	1
29	076704	ROD - Feed Control	1
30	001060	RING - Retaining, .208 I.D. .527 O.D. x .027	2
31	021203	WASHER - .254 I.D. x .500 O.D. x .029	2
32	072531	SPRING - Tension, .312 O.D. x 2.812 O.A.L. x .042	1
33	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	1
34	076709	LEVER ASSEMBLY - Support	1
35	041774	SPRING - Tension, .250 O.D. x .781 O.A.L.	1
36	010160	LEVER ASSEMBLY - Feed	1
37	011371	KNOB	1
38	072052	CLIP	1
39	014761	WASHER - .628 I.D. x 1.000 O.D. x .029	1
40	014510	RING - Retaining, .483 I.D. x .940 O.D. x .044	1
41	196424	STUD - Feed Control Pivot	1

Control Levers and Impression Cylinder Latch

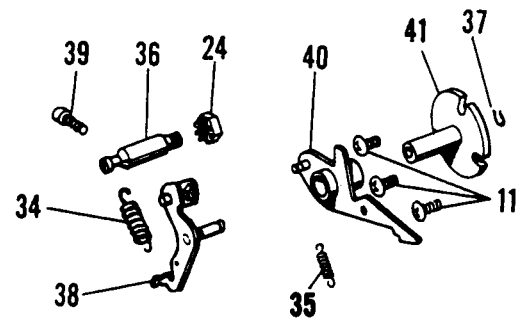
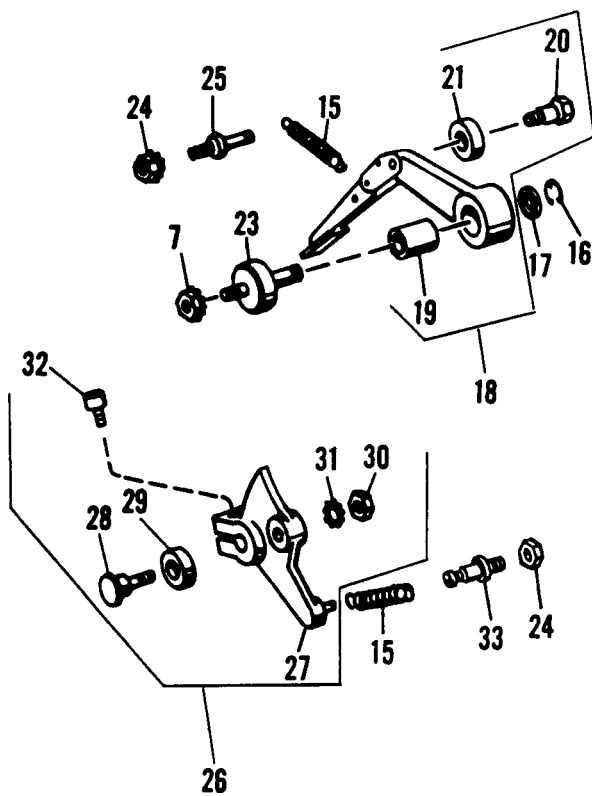
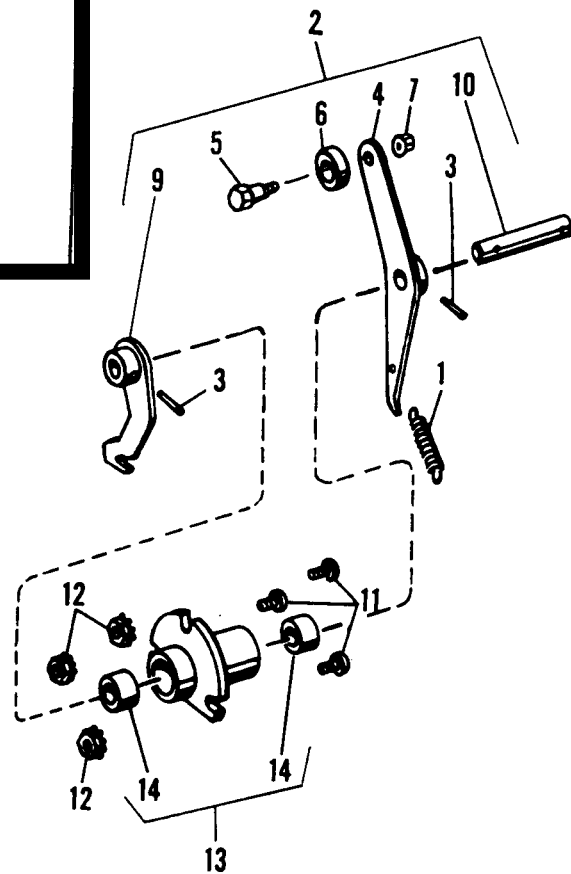
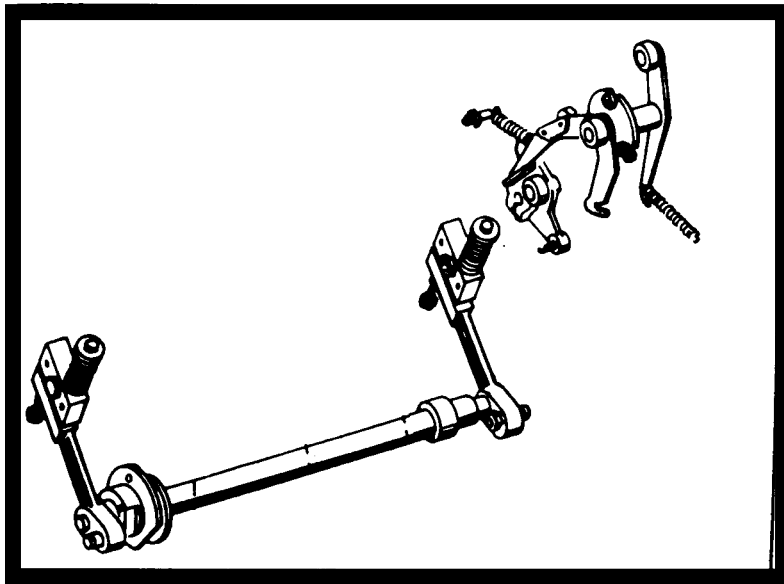


FIGURE 33
Control Levers and Impression Cylinder Latch

Control Levers and Impression Cylinder Latch

Index No.	Part No.	Figure 33 Description	Units Per Assy.
1	020444	SPRING - .468 O.D. x 1.937 O.A.L.	1
2	072146	CONTROL LEVER ASSEMBLY	1
3	100554	PIN - Spiral, .136 O.D. x .760 O.A.L.	2
4	*072147	LEVER	1
5	192895	SCREW - Shoulder, 1/4-28 x .327	1
6	192896	TRUCK	1
7	150085	NUT - 1/4-28	1
9	*072149	LEVER	1
10	*072151	SHAFT	1
11	111054	SCREW - 10-32 x 1/2	6
12	001812	NUT - 10-32	3
13	072152	HOUSING AND BUSHING ASSEMBLY	1
14	001422	BUSHING - .379 I.D. x .504 O.D. x .312 O.A.L.	2
15	072442	SPRING - .343 O.D. x 2.000 O.A.L. x .040	2
16	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	1
17	014727	WASHER - .385 I.D. x .760 O.D. x .032	1
18	072362	LEVER ASSEMBLY - Power	1
19	001446	BUSHING - .379 I.D. x .503 O.D. x .875 O.A.L.	1
20	192323	SCREW - Shoulder, 1/4-28 x 1/4	1
21	072367	TRUCK	1
23	072368	STUD	1
24	014808	NUT - 10-32	2
25	072413	ANCHOR - Spring	1
26	072354	LEVER ASSEMBLY	1
27	071561	LEVER	1
28	072357	STUD - Eccentric	1
29	072358	TRUCK	1
30	001818	NUT - 1/4-28	1
31	001740	WASHER - Lock, .267 I.D. x .506 O.D. x .030	1
32	100891	SCREW - 1/4-20 x 1.000	1
33	072412	STUD - Spring	1
34	073325	SPRING - .375 O.D. x 1.375 O.A.L. x .037	1
35	073326	SPRING - .312 O.D. x .781 O.A.L. x .031	1
36	072129	ANCHOR - Spring	1
37	001046	RING - Retaining, .283 I.D. x .027	1
38	072379	LEVER ASSEMBLY	1
39	014174	SCREW - 10-32 x 5/8	1
40	072375	LEVER ASSEMBLY	1
41	072378	BEARING	1

* Not Procurable Separately

Side Frames and Tie Bars

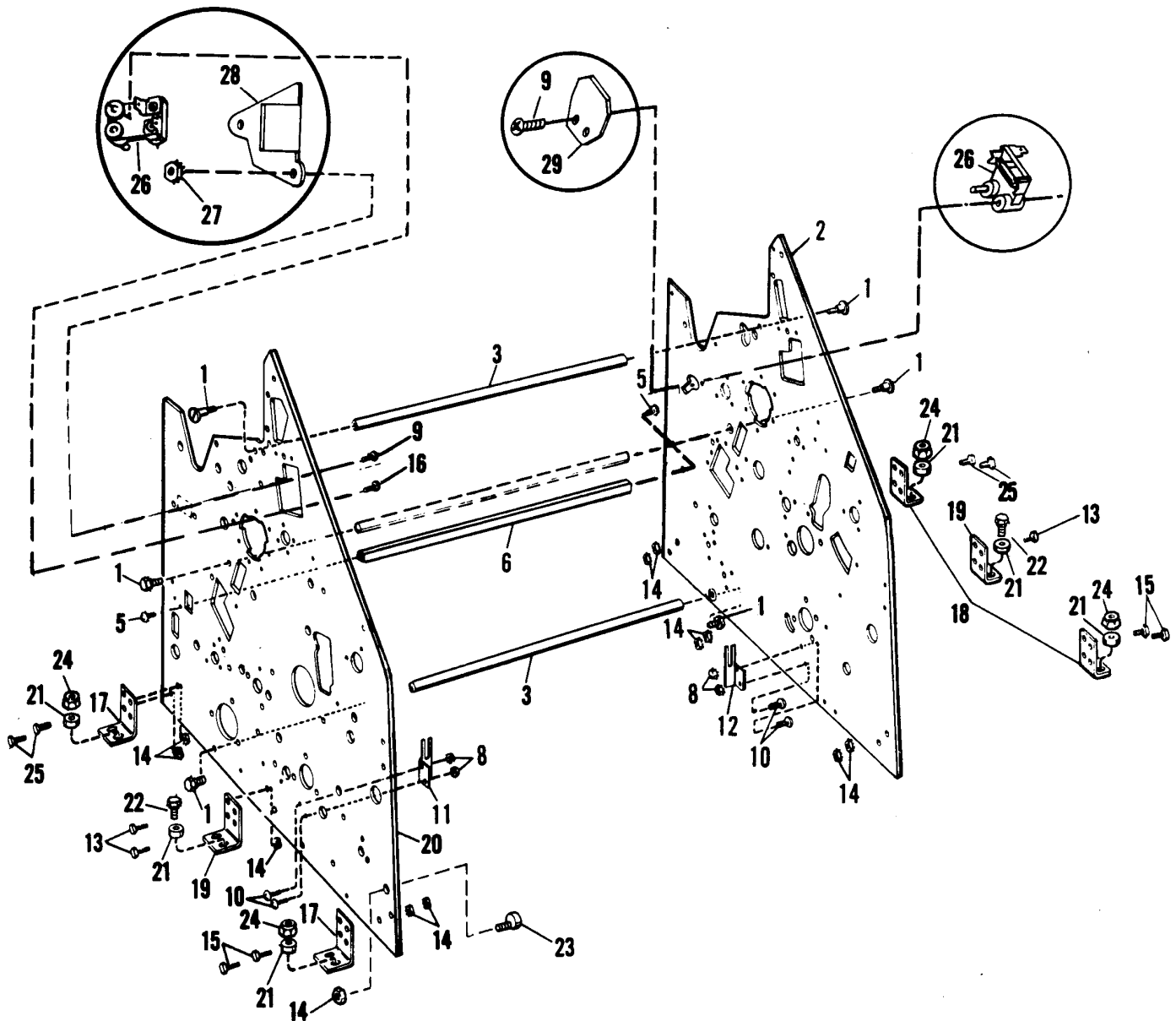


FIGURE 34
Side Frames and Tie Bars

Side Frames and Tie Bars

Index No.	Part No.	Figure 34 Description	Units Per Assy.
1	193601	SCREW - Shoulder, 5116-24	6
2	016205	FRAME - Machine, N.O.S.	1
3	084406	TIE BAR	3
5	111071	SCREW - 1/4-28 x 1/2	2
6	072799	TIE BAR	1
8	150081	NUT - 8-32	4
9	101165	SCREW - 10-16 x 5/8	2
10	111036	SCREW - 8-32 x 1/2	4
11	072055	GUARD - O.S.	1
12	072056	GUARD - N.O.S.	1
13	111073	SCREW - 1/4-28 x 5/8	4
14	150085	NUT - 1/4-28	13
15	195296	SCREW - Dowel, 1/4-28 x 3/4	4
16	001555	SCREW - 10-32 x 1/2	2
17	011055	BRACKET - Foot, O.S.	2
18	011056	BRACKET - Foot, N.O.S.	2
19	011229	BRACKET - Foot, Center	2
20	402764	FRAME - Machine, O.S.	1
21	193808	SPACER - .318 I.D. x 9/16 x .152	6
22	111089	SCREW - 5/16-24 x 5/8	2
23	190116	STOP - Height Regulator	1
24	001824	NUT - Lock, 5/16-18	4
25	196393	SCREW - Dowel, 1/4-28 x 5/8 (8915)	4
25	195296	SCREW - Dowel, 1/4-28 x 3/4 (8920)	4
26	076864	SWITCH ASSEMBLY - Reed	2
27	014808	NUT - 10-32	2
28	007989	COVER - Switch	1
29	007932	SHIELD - Switch	1

Buckle Adjusting and Lever Assemblies

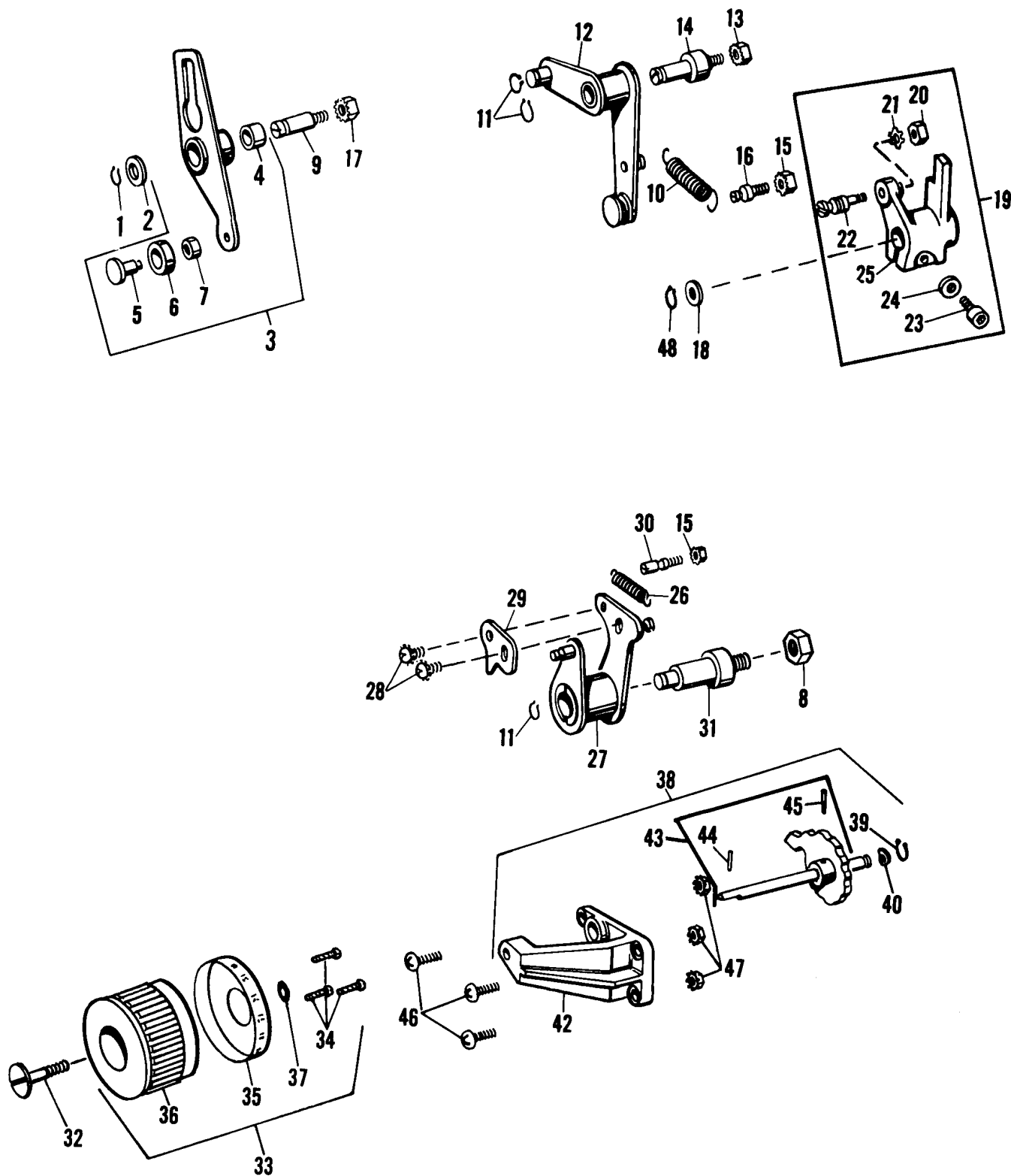


FIGURE 35
Buckle Adjusting and Lever Assemblies

Buckle Adjusting and Lever Assemblies

Index No.	Part No.	Figure 35 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	001847	NUT - 3/8-24	2
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	001062	RING - Retaining, .258 I.D. x .027	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	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 - Buckle Adjust Knob	1
33	***	KNOB ASSEMBLY - Buckle Adjusting	1
34	014529	SCREW	3
35	017750	SKIRT - Ind. Adj.	1
36	017738	KNOB - Buckle Adjusting	1
37	150083	NUT - 10-32	3
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	001991	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

* Not Procurable Separately

*** Not Available As An Assembly

Paper Feed Mechanism

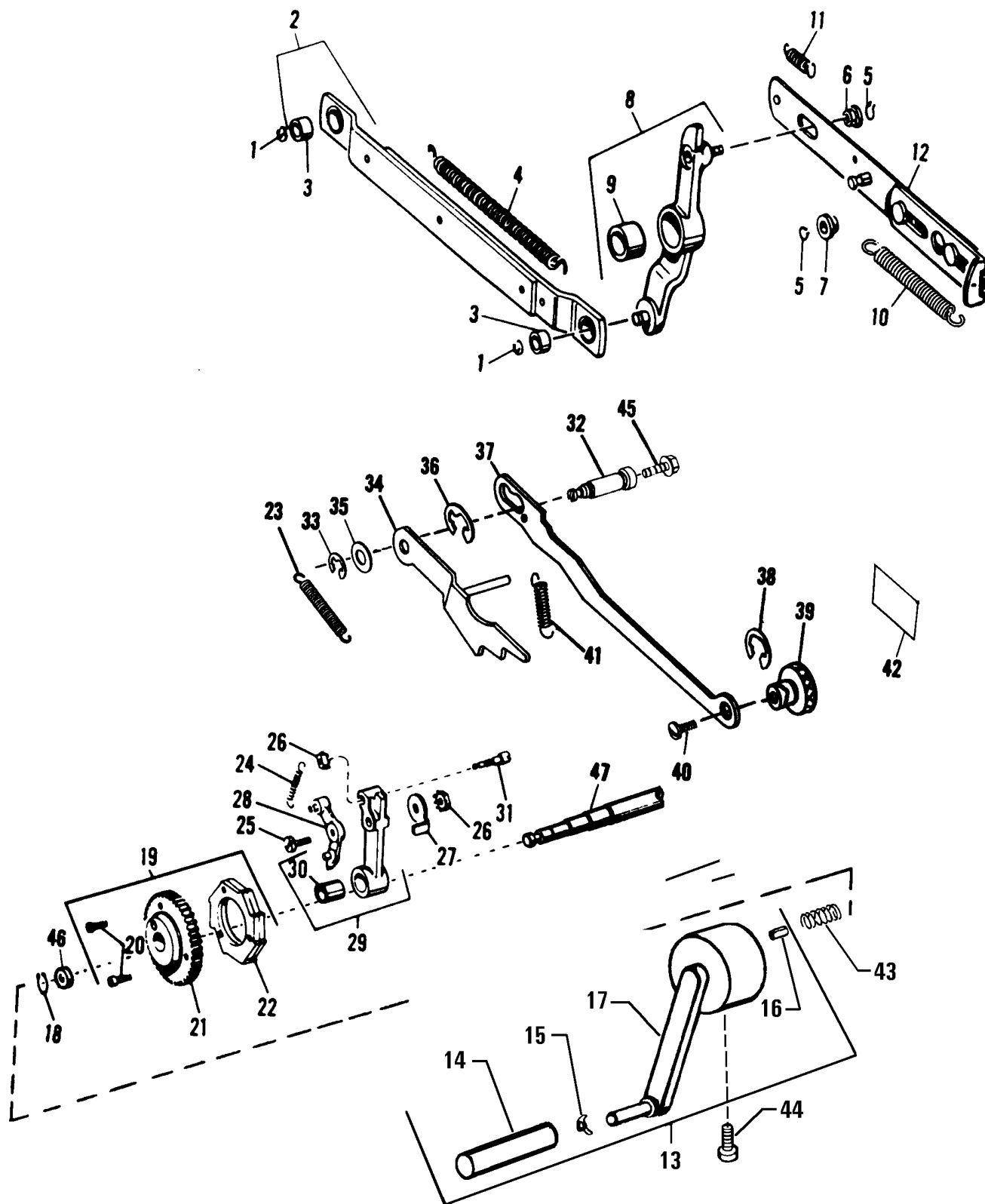


FIGURE 36
Paper Feed Mechanism

Paper Feed Mechanism

Index No.	Part No.	Figure 36 Description	Units Per Assy.
1	001095	RING - Retaining, .245 I.D. x .500 O.D. x .027	2
2	073373	LINK ASSEMBLY	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	LEVER ASSEMBLY	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	LINK ASSEMBLY	1
13	017803	HAND CRANK ASSEMBLY	1
14	017715	HANDLE	1
15	003042	SPRING LOCK	1
16	102307	PIN - Driv-Lok Type H 11/2	1
17	017801	CRANK ARM	1
18	001048	RING - Retaining, .463 I.D. x .037	1
19	017644	RATCHET AND GEAR ASSEMBLY	1
20	014158	SCREW - 10-32 x 1/2	3
21	080144	GEAR	1
22	017645	RATCHET	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	2
27	072580	ANCHOR - Spring	1
28	017647	PAWL ASSEMBLY	1
29	072576	LEVER ASSEMBLY	1
30	001470	BUSHING	1
31	072579	STUD - Spring	1
32	010185	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, .310 O.D. x .500 O.A.L.	1
44	072620	SCREW - Shoulder, 10-32	1
45	111073	SCREW - 1/4-28 x 5/8	1
46	194868	SPACER - .520 I.D. x .687 O.D. x .125	1
47	072624	SHAFT ASSEMBLY	1

Feed Link Assemblies

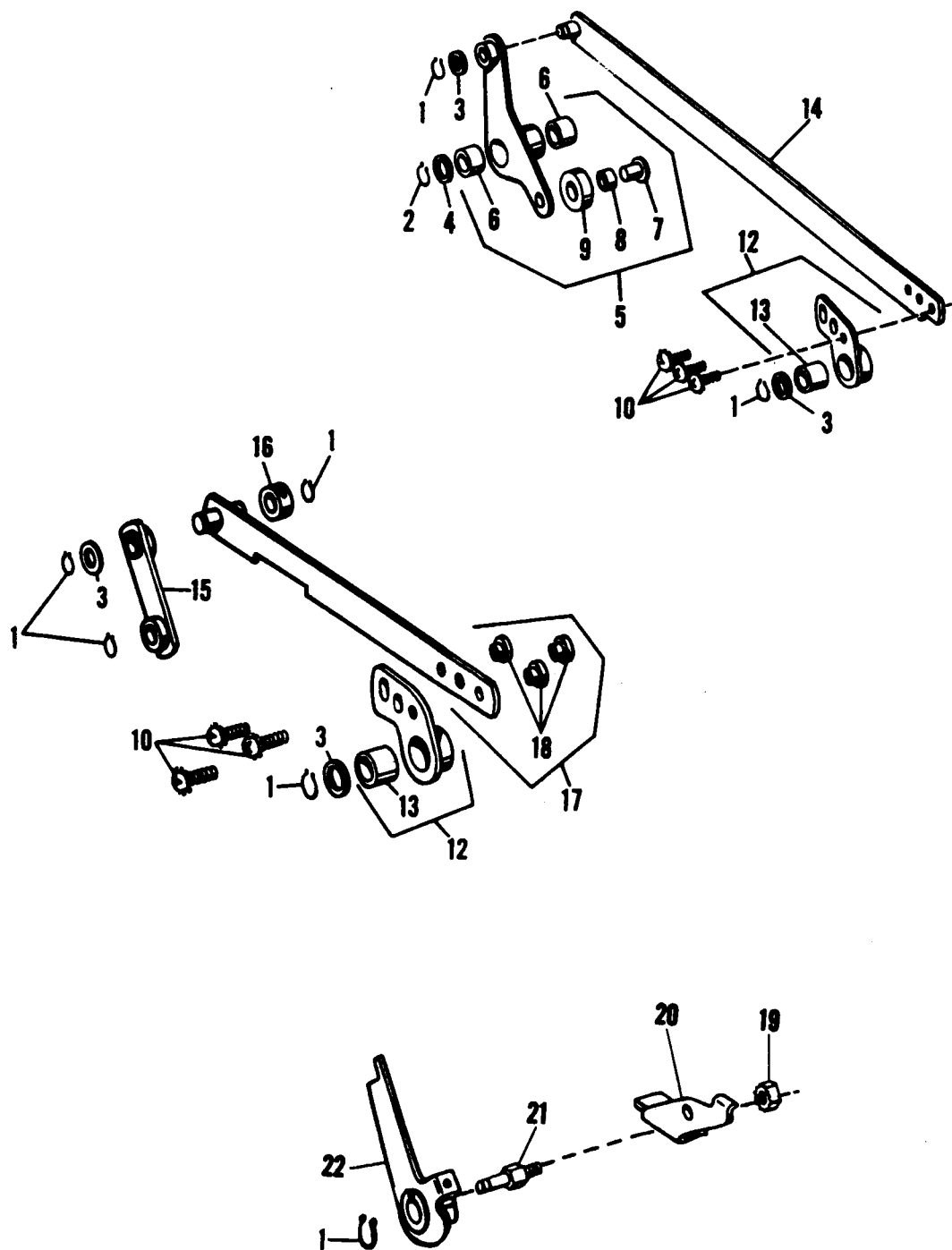


FIGURE 37
Feed Link Assemblies

Feed Link Assemblies

Index No.	Part No.	Figure 37 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	1
5	072177	FOLLOWER LEVER ASSEMBLY	1
6	001412	BUSHING	2
7	*072790	RIVET	1
8	072176	ROLLER	1
9	*072175	BUSHING	1
10	111035	SCREW - 8-32 x 7/16	6
12	072233	ADJUSTING PLATE ASSEMBLY	2
13	001404	BUSHING	2
14	072243	LINK ASSEMBLY - Long	1
15	072189	LINK ASSEMBLY	1
16	072210	BEARING	1
17	072230	LINK ASSEMBLY - Short	1
18	014835	FASTENER	3
19	150085	NUT - 1/4-28	2
20	076887	STOP BRACKET	1
21	072534	STUD	1
22	084092	LATCH LEVER ASSEMBLY	1

* Not Procurable Separately

Main Tie Bar Assembly - Part I

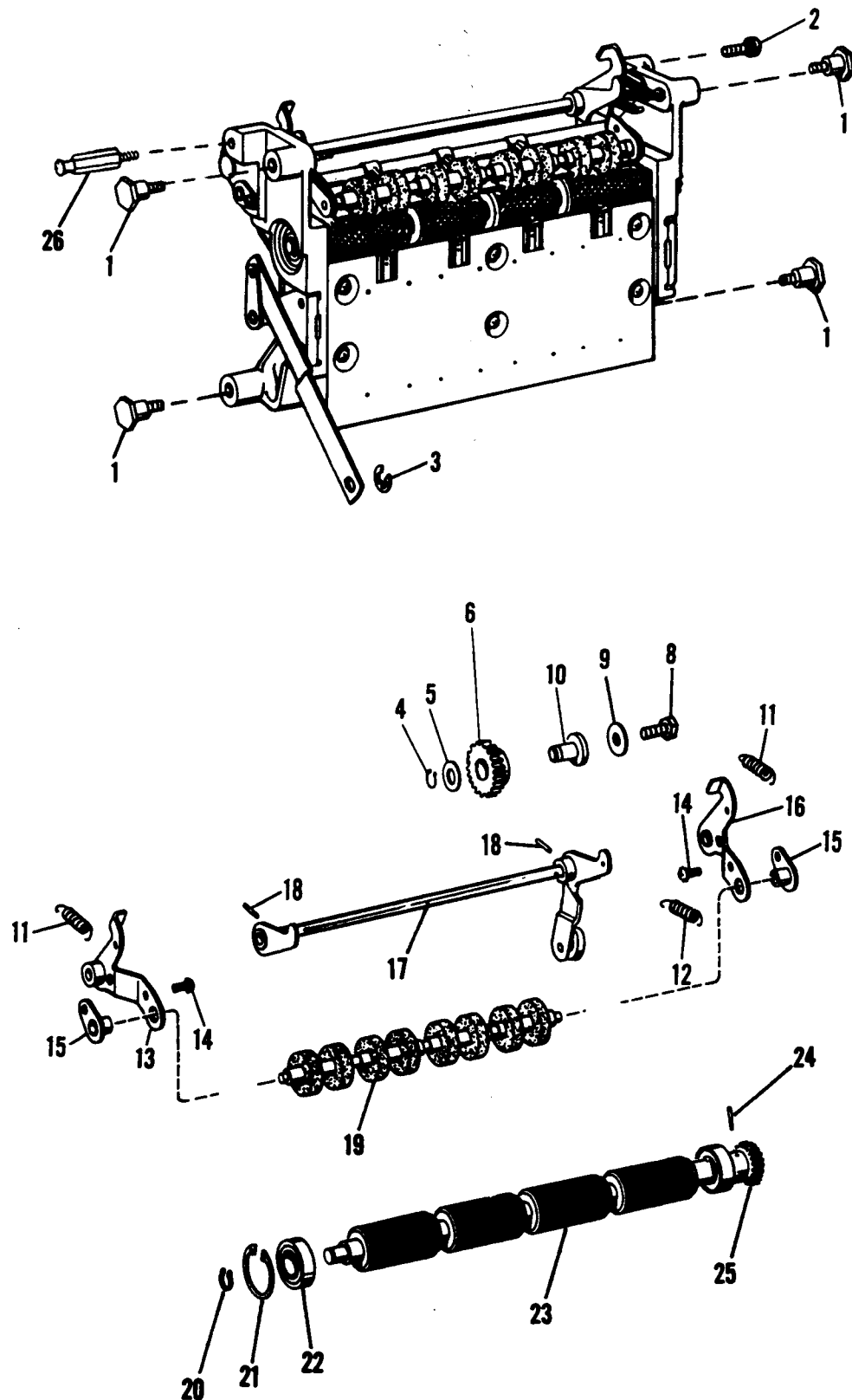


FIGURE 38
Main Tie Bar Assembly - Part I

Main Tie Bar Assembly - Part I

Index No.	Part No.	Figure 38 Description	Units Per Assy.
1	072154	SCREW - Dowel, 1/4-28	4
2	111073	SCREW - 1/4-28 x 5/8	1
3	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037	1
4	001047	RING - Retaining, .340 I.D. x .027	1
5	014727	WASHER - .385 I.D. x .760 O.D. x .032	1
6	072126	GEAR ASSEMBLY	1
8	111074	SCREW - 1/4-28 x 3/4	1
9	016572	WASHER - 260 I.D. x .885 O.D. x .064	1
10	072220	STUD	1
11	080578	SPRING - .369 O.D. x 1.234 O.A.L. x .051	2
12	050435	SPRING - .250 O.D. x 1.375 O.A.L. x .028	1
13	071556	LEVER ASSEMBLY - O.S.	1
14	001649	SCREW - 10-32 x 1/2	1
15	074400	BEARING ASSEMBLY	2
16	078301	LEVER ASSEMBLY - N.O.S.	1
17	078424	SHAFT ASSEMBLY	1
18	100554	PIN - Spirol, .136 O.D. x .760 O.A.L.	2
19	071551	ROLLER ASSEMBLY - Upper Forwarding	1
20	001074	RING - Retaining, .430 I.D. x .027	1
21	001067	RING - Retaining, 1.641 O.D. x .052	1
22	072124	BEARING - .4724 I.D. x 1.4567 O.D.	1
23	072120	ROLLER ASSEMBLY - Lower	1
24	100554	PIN - Spiral, .120 O.D. x .760 O.A.L.	1
25	079910	GEAR - (Field Repl. Only)	1
25	042150	PIN - Roll, .103 O.D. x .765" (Use 079910 Gear)	1
26	196461	STUD - Spring Anchor	1

Main Tie Bar Assembly - Part II

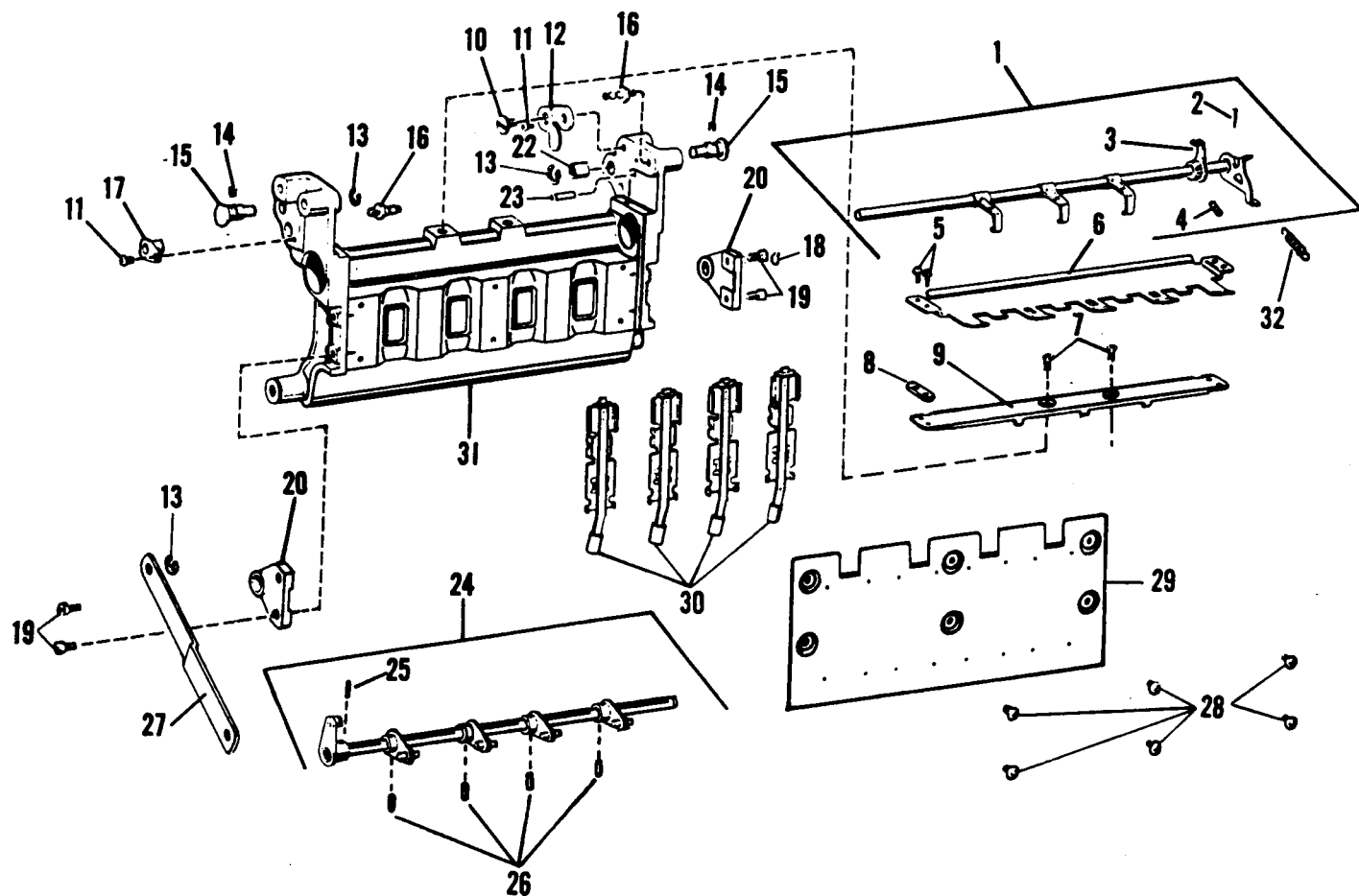
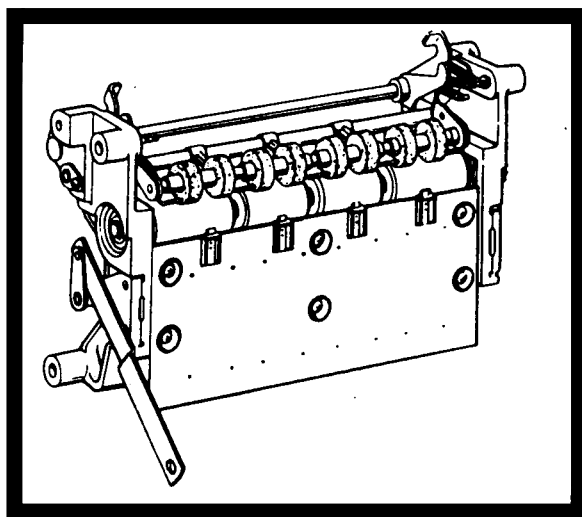


FIGURE 39
Main Tie Bar Assembly - Part II

Main Tie Bar Assembly - Part II

Index No.	Part No.	Figure 39 Description	Units Per Assy.
1	072107	SHAFT ASSEMBLY - Feeler.....	1
2	001980	PIN - Roll, .135 O.D. x .578 O.A.L.	1
3	071504	LEVER.....	1
4	001650	SCREW - Set, 10-32 x 3/16	1
5	001687	SCREW - 8-32 x 1/2	4
6	071578	PAPER CHUTE	1
7	001542	SCREW - 10-32 x 7/16	2
8	191308	SPACER.....	2
9	016328	PAPER CHUTE	1
10	072160	SCREW - Shoulder, 1/4-28.....	1
11	001688	SCREW - 10-32 x 3/8	1
12	072159	LEVER.....	1
13	001080	RING - Retaining, .302 I.D. x .660 O.D. x .037.....	3
14	014372	SCREW - Set, 20-32 x 1/4.....	2
15	072099	PIVOT	2
16	072106	ANCHOR - Spring	2
17	071505	BEARING ASSEMBLY	1
18	001046	RING - Retaining, .283 I.D. x .027	1
19	014158	SCREW - 10-32 x 1/2	4
20	073712	BRACKET ASSEMBLY	2
22	001462	BUSHING	1
23	014562	ANCHOR - Spring	1
24	072133	SHAFT ASSEMBLY	1
25	000020	PIN - Taper, .124 O.D. x .625 O.A.L.	1
26	001984	PIN - Roll, .103 O.D. x .640 O.A.L.	4
27	080411	SHORT LINK.....	1
28	001106	SCREW - 10-32 x 5/16	6
29	072140	APRON ASSEMBLY	1
30	072143	FINGER AND TUBE ASSEMBLY	4
31	071577	TIE BAR - Main	1
32	072511	SPRING - Tension, .250 O.D. x 1.125 O.A.L. x .018.....	1

Sucker Foot Assembly

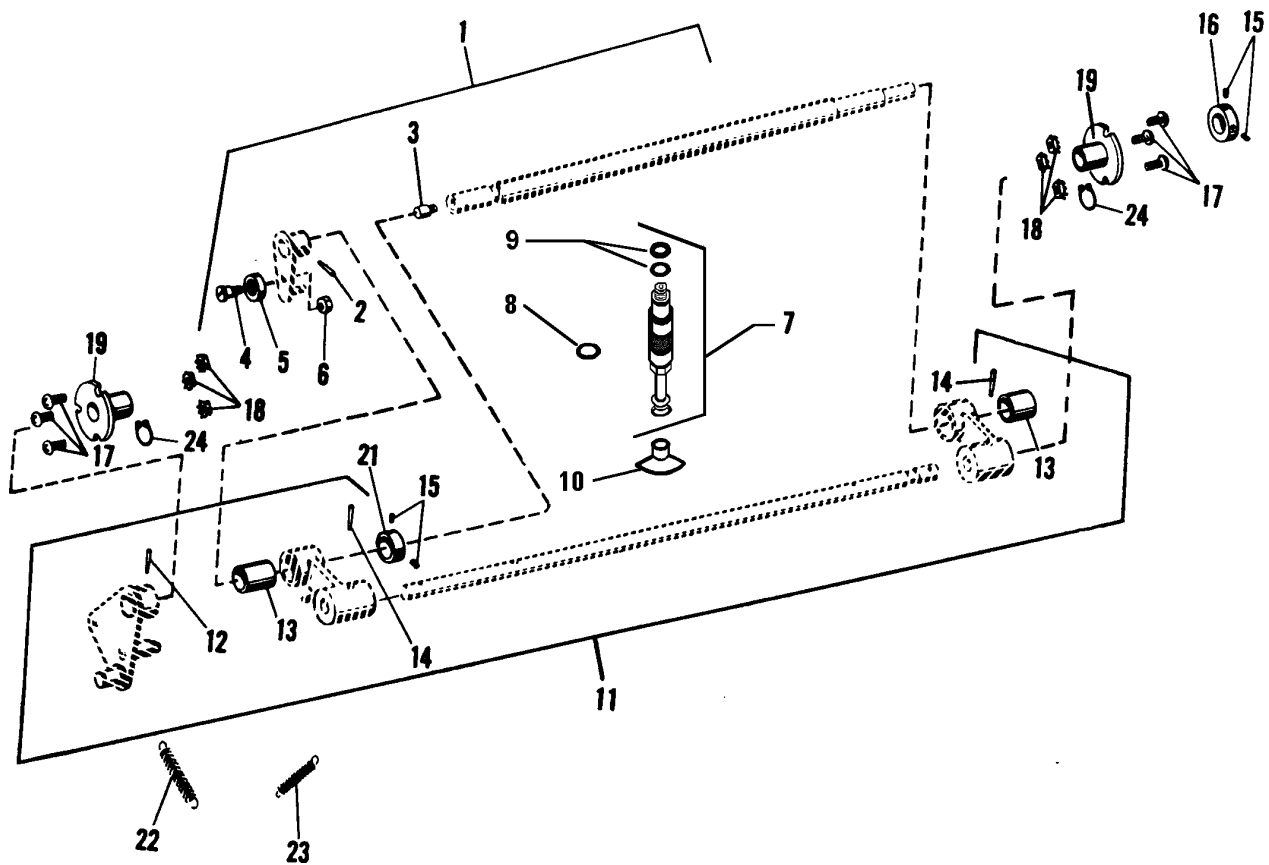


FIGURE 40
Sucker Foot Assembly

Sucker Foot Assembly

Index No.	Part No.	Figure 40 Description	Units Per Assy.
1	073483	TUBE ASSEMBLY - Header	1
2	001956	PIN - Taper, .155 O.D. x .968 O.A.L.	1
3	073478	PLUG	1
4	191367	STUD	1
5	072712	TRUCK	1
6	150085	NUT - 1/4-28	1
7	403214	SUCKER TUBE ASSEMBLY	9
8	102171	"O" RING	9
9	102031	"O" RING	18
10	084248	FOOT - Sucker Tube, Rubber	9
11	073507	SHAFT ASSEMBLY - Feed	1
12	101331	PIN - Roll, .567 O.D. x .890 O.A.L.	1
13	001495	BUSHING	2
14	000014	PIN - Taper, .146 O.D. x 1.094 O.A.L.	1
15	014372	SCREW - Set, 10-32 x 1/4	4
16	072422	COLLAR	1
17	111055	SCREW - 10-32 x 9/16	6
18	150083	NUT - 10-32	6
19	076894	HOUSING ASSEMBLY	2
21	072748	COLLAR	1
22	073486	SPRING - Tension, .581 O.D. x 2.437 O.A.L. x .080	1
23	072442	SPRING - Tension, .343 O.D. x 2.000 O.A.L. x .040	1
24	101611	RING - Bowed, .756 I.D.	2

Paper Height Adjustment

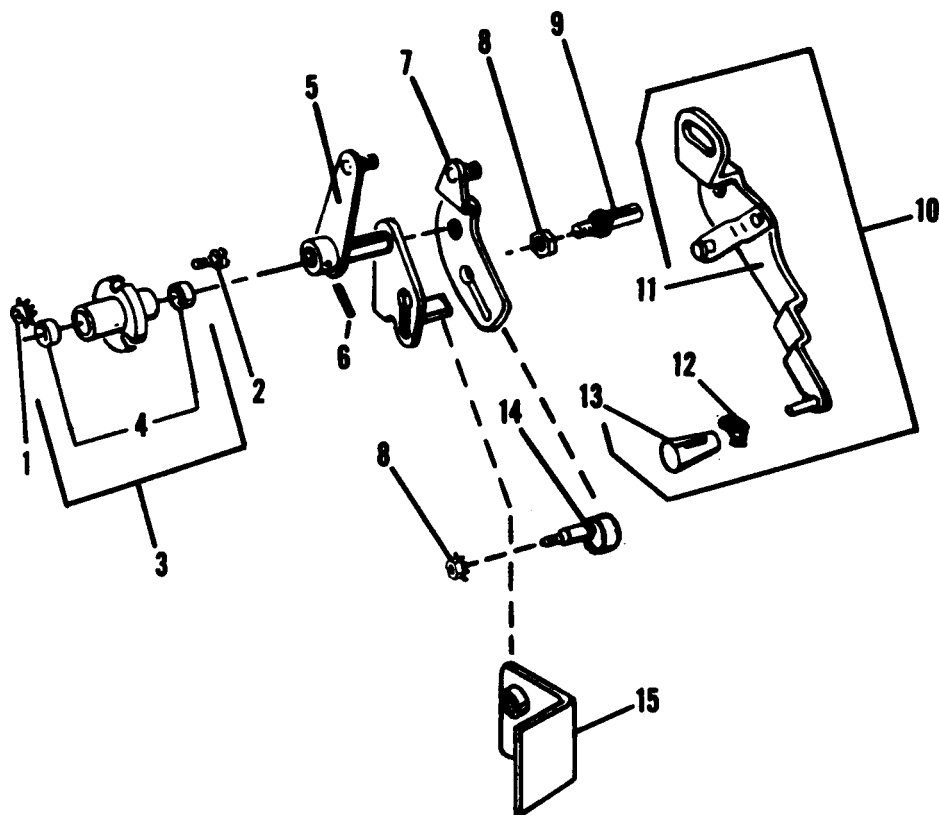


FIGURE 41
Paper Height Adjustment

Paper Height Adjustment

Index No.	Part No.	Figure 41 Description	Units Per Assy.
1	150083	NUT - 10-32	5
2	015034	SCREW - 10-32 x 1/2	3
3	080402	BEARING ASSEMBLY - Table Raising Lever	1
4	001412	BUSHING	2
5	080396	LEVER ASSEMBLY	1
6	014921	PIN - Roll, 1/8 O.D. x 7/8" O.A.L.	1
7	080404	LEVER ASSEMBLY	1
8	150085	NUT - 1/4-28	2
9	080409	PIN - Pivot	1
10	011405	LEVER ASSEMBLY - Dwell Control	1
11	081152	LEVER	1
12	072052	LOCK - Spring	1
13	011371	HANDLE	1
14	190116	STUD - Eccentric, Paper Height Reg. Stop	1
15	010238	STOP ASSEMBLY - Feed Table	1

Feed Table Release Lever

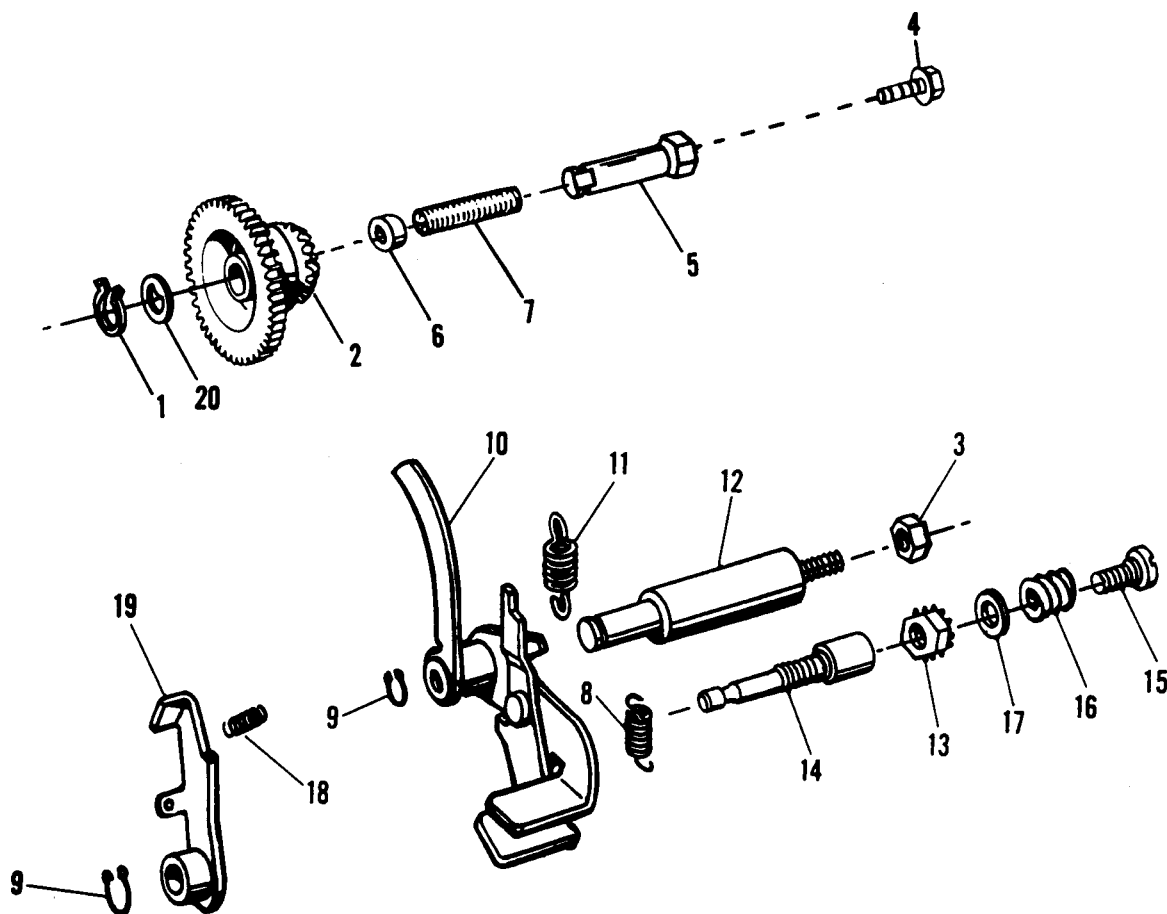
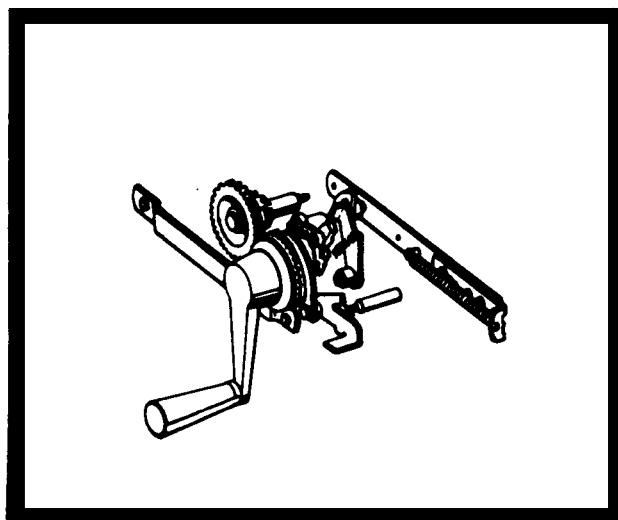


FIGURE 42
Feed Table Release Lever

Feed Table Release Lever

Index No.	Part No.	Figure 42 Description	Units Per Assy.
1	100576	RING - Retaining, .415 I.D. x .053	1
2	072561	MITER AND SPUR GEAR	1
3	150089	NUT - 3/8-24	1
4	111089	SCREW - 5/16-24 x 5/8	1
5	196495	STUD	1
6	194868	SPACER	1
7	194848	SPRING - .680 O.D. x .796 O.A.L.	1
8	072626	SPRING - .300 O.D. x .937 O.A.L.	1
9	001047	RING - Retaining, .340 I.D. x .027	2
10	013827	TABLE RELEASE LEVER ASSEMBLY	1
11	041291	SPRING - Compression, .343 O.D. x .968 O.A.L.	1
12	072610	STUD	1
13	014810	NUT - 3/8-24	1
14	080407	STUD	1
15	080408	SCREW - 5/16-24 x 7/16	1
16	080410	SPRING - Compression, .728 O.D. x 1.062 O.A.L.	1
17	001797	WASHER - .515 I.D. x .812 O.D. x .059	1
18	041777	SPRING - .312 O.D. x 1.344 O.A.L.	1
19	072484	UPPER LATCH LEVER.....	1
20	191289	WASHER - Special.....	1

Vacuum Make and Break Control

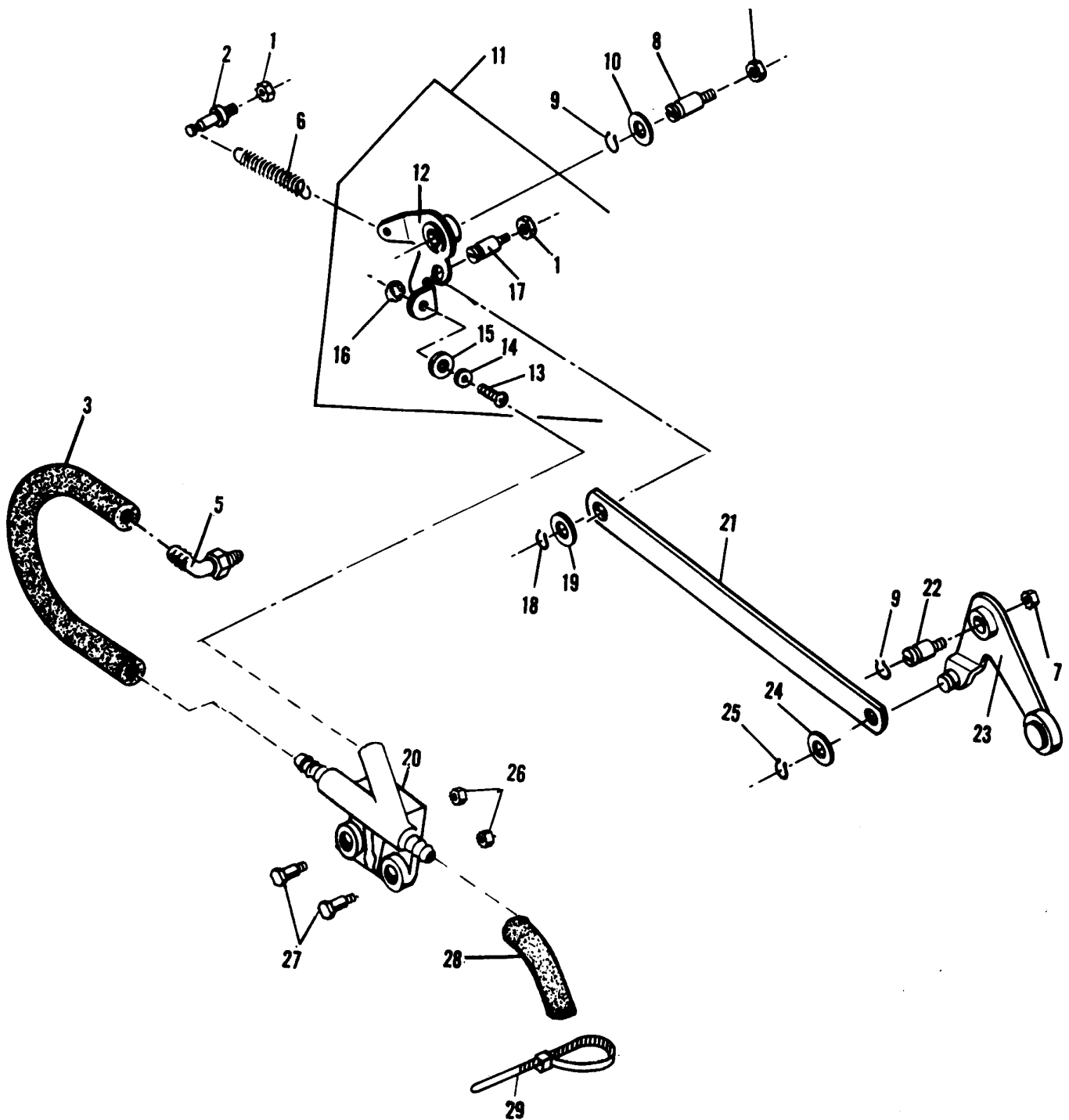


FIGURE 43
Vacuum Make and Break Control

Vacuum Make and Break Control

Index No.	Part No.	Figure 43 Description	Units Per Assy.
1	014808	NUT - 10-32	1
2	072412	STUD	1
3	072254	HOSE - Neoprene, 3/8 I.D. x 12-1/4" O.A.L.	1
5	191844	ELBOW - Plastic	1
6	072442	SPRING - .343 O.D. x 2.000 O.A.L x .040	1
7	150083	NUT - 10-32	2
8	073497	STUD	1
9	001047	RING - Retaining, .340 I.D. x .027	2
10	001755	WASHER - .390 I.D. x .635 O.D. x .051	1
11	073496	LEVER ASSEMBLY - Vacuum Break	1
12	071570	LEVER	1
13	014369	SCREW - 8-32 x 3/8	1
14	003850	WASHER - .177 I.D. x .385 O.D. x .064	1
15	072704	WASHER - .182 I.D. x .635 O.D. x .073	1
16	014811	NUT - 8-32	1
17	073498	PIN	1
18	001046	RING - Retaining, .283 I.D. x .027	1
19	001750	WASHER - .338 I.D. x .572 O.D. x .052	1
20	076142	VALVE	1
21	073494	LINK	1
22	072734	STUD	1
23	073493	LEVER ASSEMBLY	1
24	021203	WASHER - .255 I.D. x .510 O.D. x .032	1
25	001049	RING - Retaining, .227 I.D. x .027	1
26	150085	NUT - 1/4-28	2
27	193894	SCREW - Shoulder, 1/4-28	2
28	072256	TUBE - Vinyl, 7/16 I.D. x 35" O.A.L. (8915)	1
28	195241	TUBE - Vinyl, 7/16 I.D. x 43" O.A.L. (8920)	1
29	250493	TIE - Cable, 7 1/4 O.A.L.	1

Cam Shaft Assembly

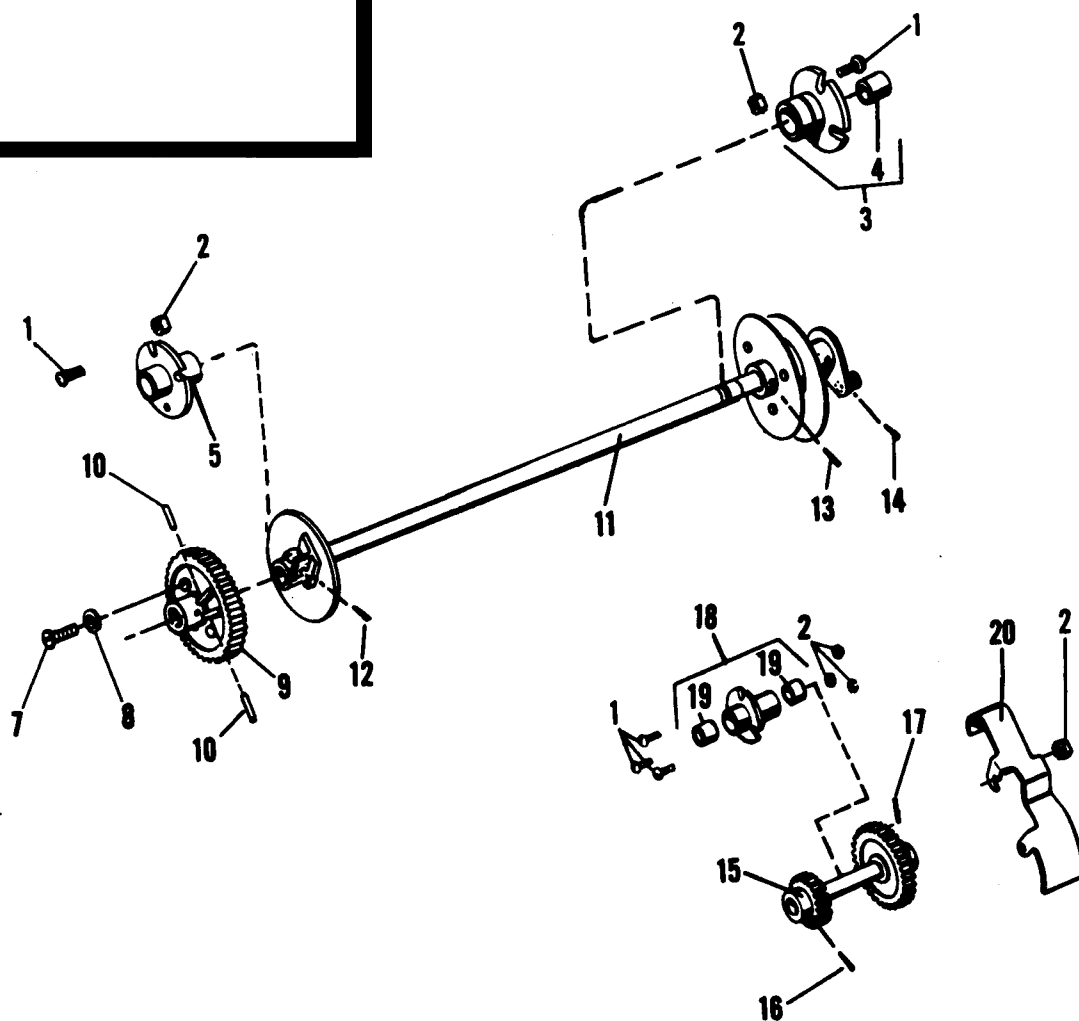
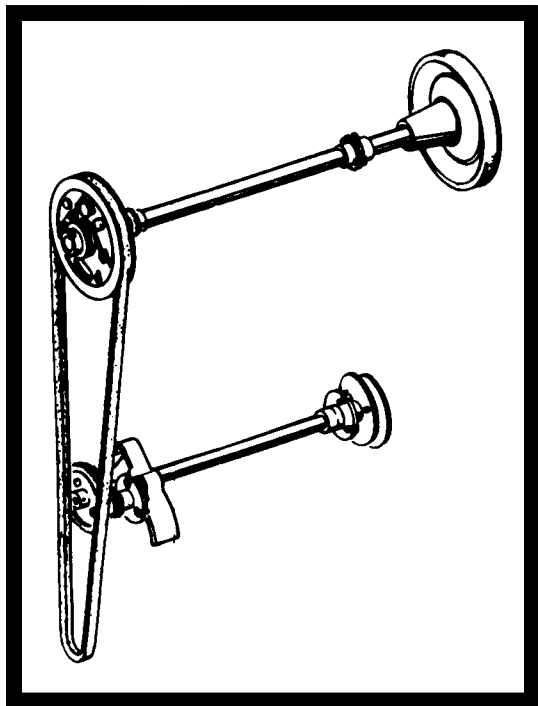


FIGURE 44
Cam Shaft Assembly

Cam Shaft Assembly

Index No.	Part No.	Figure 44 Description	Units Per Assy.
1	111055	SCREW - 20-32 x 9/16	9
2	150083	NUT - 10-32	9
3	073506	HOUSING ASSEMBLY - N.O.S.	1
4	001456	BUSHING	1
5	072181	HOUSING ASSEMBLY - O.S.	1
7	014212	SCREW - 1/4-28 x 3/4	3
8	005620	WASHER - .257 I.D. x .635 O.D. x .064	3
9	080378	GEAR	1
10	014342	SCREW - Set, 10-32 x 5/8	2
11	073937	SHAFT ASSEMBLY	1
12	000022	PIN - Taper, .163 O.D. x .790 O.A.L.	1
13	000023	PIN - Taper, .176 O.D. x .978 O.A.L.	2
14	000024	PIN - Taper, .177 O.D. x 1.141 O.A.L.	1
15	072336	GEAR SHAFT ASSEMBLY - (Tray Delivery)	1
15	016380	GEAR SHAFT ASSEMBLY - (Chain Delivery)	1
16	014902	PIN - Taper, .126 O.D. x .750 O.A.L.	1
17	001992	PIN - Roll, 1/8" O.D. x 1" O.A.L. (Tray Delivery)	1
17	101333	PIN - Spirol, 1/8" O.D. x 15/16" O.A.L. (Chain Delivery)	1
17	000012	TAPER PIN	1
18	072333	HOUSING ASSEMBLY	1
19	001404	BUSHING	2
20	076869	GUARD	1

Delivery Roller and Stripper Assemblies

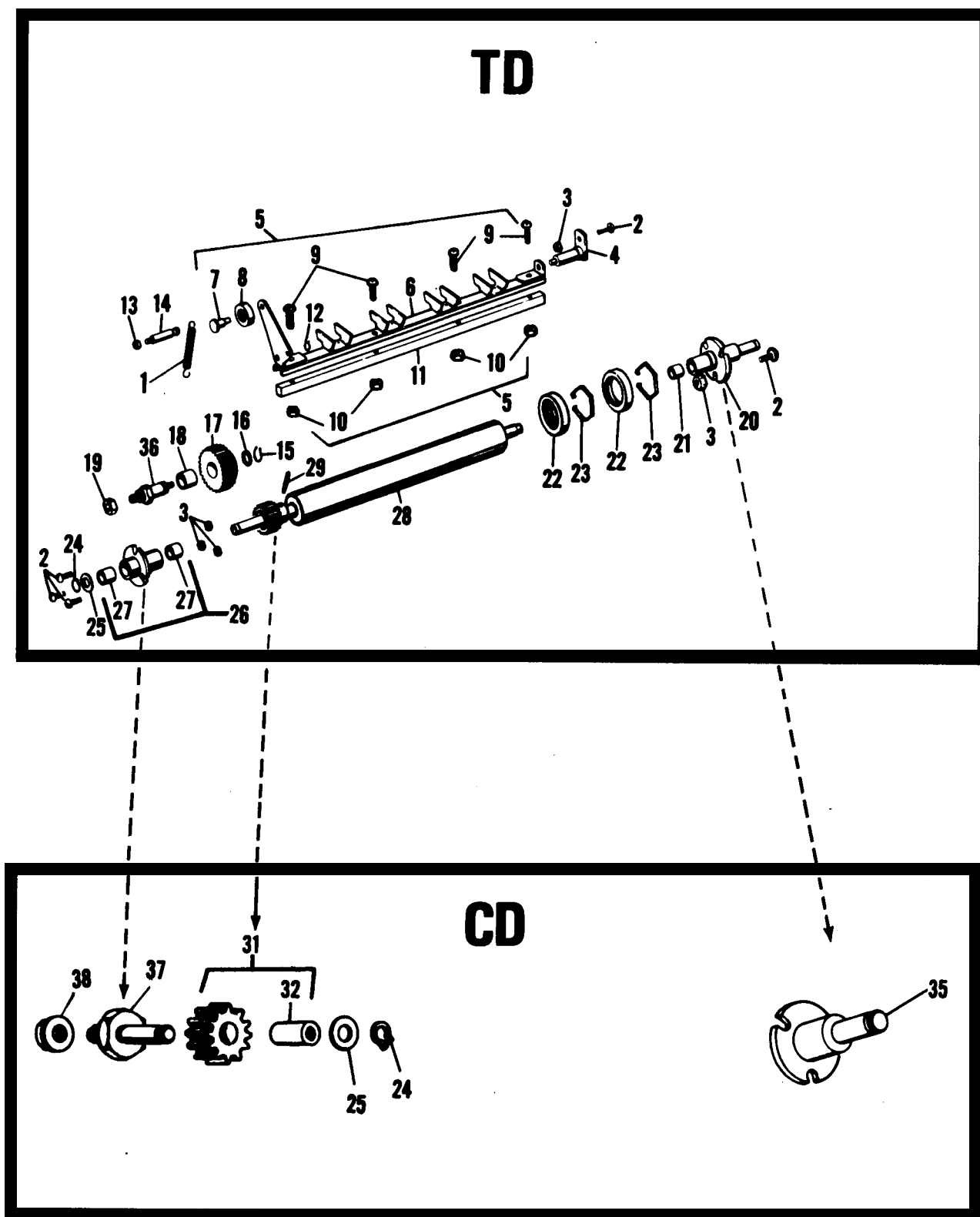


FIGURE 45
Delivery Roller and Stripper Assemblies

Delivery Roller and Stripper Assemblies

Index No.	Part No.	Figure 45 Description	Units Per Assy.
1	058552	SPRING - Tension, .343 O.D. x 1.750 O.A.L.	1
2	111055	SCREW - 10-32 x 9/16	7
3	150083	NUT - 10-32	7
4	072314	PIVOT - Stripper Assembly	1
5	072321	CHANNEL ASSEMBLY - Stripper	1
6	071559	STRIPPER CHANNEL	1
7	064112	RIVET	1
8	064234	BEARING	1
9	001267	SCREW - 10-32 x 3/4	4
10	014808	NUT - 10-32	4
11	072346	BAR - Stripper Channel Support.....	1
12	001044	RING - Retaining, .170 I.D. x .017	1
13	014807	NUT - 1/4-28	1
14	072328	SPRING ANCHOR - Stripper Channel Spring	1
15	001048	RING - Retaining, .463 I.D. x .037	1
16	014712	WASHER - .515 I.D. x .750 O.D. x .029	1
17	072325	IDLER GEAR ASSEMBLY	1
18	001423	BUSHING - .503 I.D. x .625 O.D. x .750 O.A.L.	1
19	150088	NUT - 3/8-16	1
20	072184	STUD ASSEMBLY - Raise, (8915)	1
21	001404	BUSHING - .379 I.D. x .504 O.D. x .500 O.A.L.	1
22	072628	COLLAR - Adjustable	2
23	072629	SPRING - Friction	2
24	001047	RING - Retaining, .340 I.D. x .027	1
25	014727	WASHER - .382 I.D. x .750 O.D. x .029	1
26	072333	HOUSING ASSEMBLY - Delivery Roller, (8915)	2
27	001404	BUSHING - .379 I.D. x .504 O.D. x .500 O.A.L.	2
28	076073	ROLLER AND GEAR DELIVERY - (8915)	1
29	001978	PIN - Roll, .135 O.D. x .640 O.A.L.	1
31	016378	GEAR ASSEMBLY - (8920)	1
32	001401	BUSHING - .379 I.D. x .504 O.D. x .750 O.A.L.	1
35	080192	STUD - Follower Lever Pivot, (8920)	1
36	072327	STUD - Idler Gear, (8915)	1
37	196388	STUD - (8920)	1
38	150089	NUT - 3/8-24, (8920)	1

Hold Down Roller Assembly

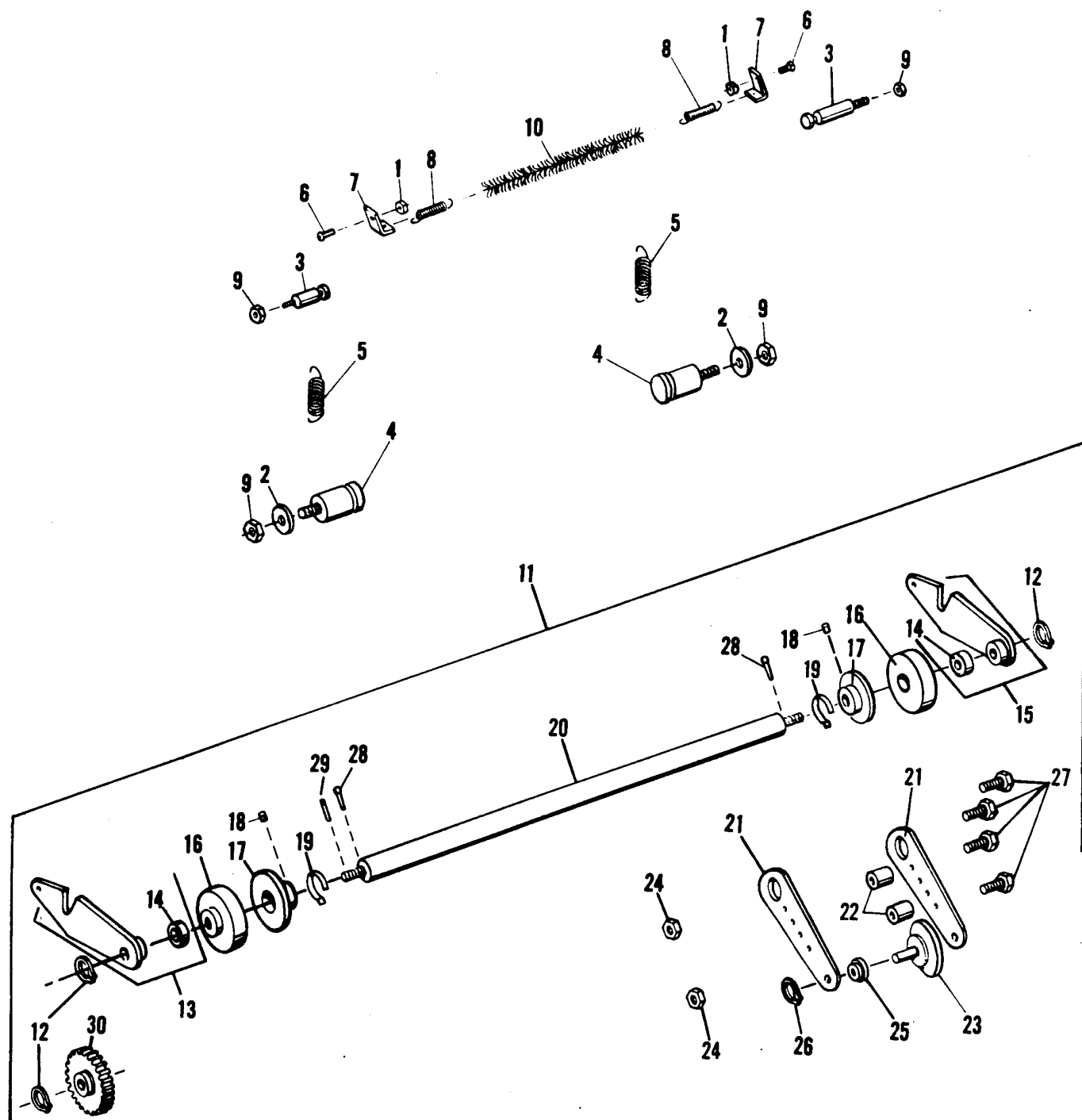


FIGURE 46
Hold Down Roller Assembly

Hold Down Roller Assembly

Index No.	Part No.	Figure 46 Description	Units Per Assy.
1	150085	NUT - 1/4-28	2
2	061452	SPACER	2
3	078368	ANCHOR - Spring	2
4	078363	PIVOT - Cradle Arm	2
5	073459	SPRING - Tension, .359 O.D. x 2.062 O.A.L.	2
6	014110	SCREW - 1/4-28 x 1/2	2
7	072347	BRACKET - Tinsel	2
8	050621	SPRING - Tension, .218 O.D. x 1.218 O.A.L.	2
9	250085	NUT - 1/4-28	4
10	072348	TINSEL - 13-1/2" Finished To 11"	1
10	***	TINSEL - 13-1/2" Finished To 11"	1
11	013917	ROLLER ASSEMBLY	1
12	001060	RING - Retaining, .208 I.D. x .527 O.D. x .027	3
13	078367	ARM ASSEMBLY - N.O.S	1
14	001409	BUSHING - .254 I.D. x .379 O.D. x .312 O.A.L.	2
15	078364	ARM ASSEMBLY - O.S.	1
16	077866	ROLLER - Hold Down	2
17	013915	ROLLER - Adjustable	2
18	077236	PLUG - Friction	2
19	077117	CLIP - Adjustable Roller	2
20	076683	SHAFT - Adjustable Roller	1
21	013913	BRACKET	4
22	195322	SPACER	4
23	007236	ROLLER - Adjustable, Lower	2
24	014248	NUT - Lock, 10-32	4
25	012913	HUB ASSEMBLY	4
26	101005	RING - Retaining, .397 I.D. x .027	4
27	111059	SCREW - 10-32 x 1.000 O.A.L.	4
28	100388	PIN - Cotter, .060 O.D. x 1.000 O.A.L.	2
29	100398	PIN - Roll, .103 O.D. x .577 O.A.L.	1
30	076684	GEAR - 24T	1

*** Not Available As An Assembly

Control and Switch Box Assemblies - Part I

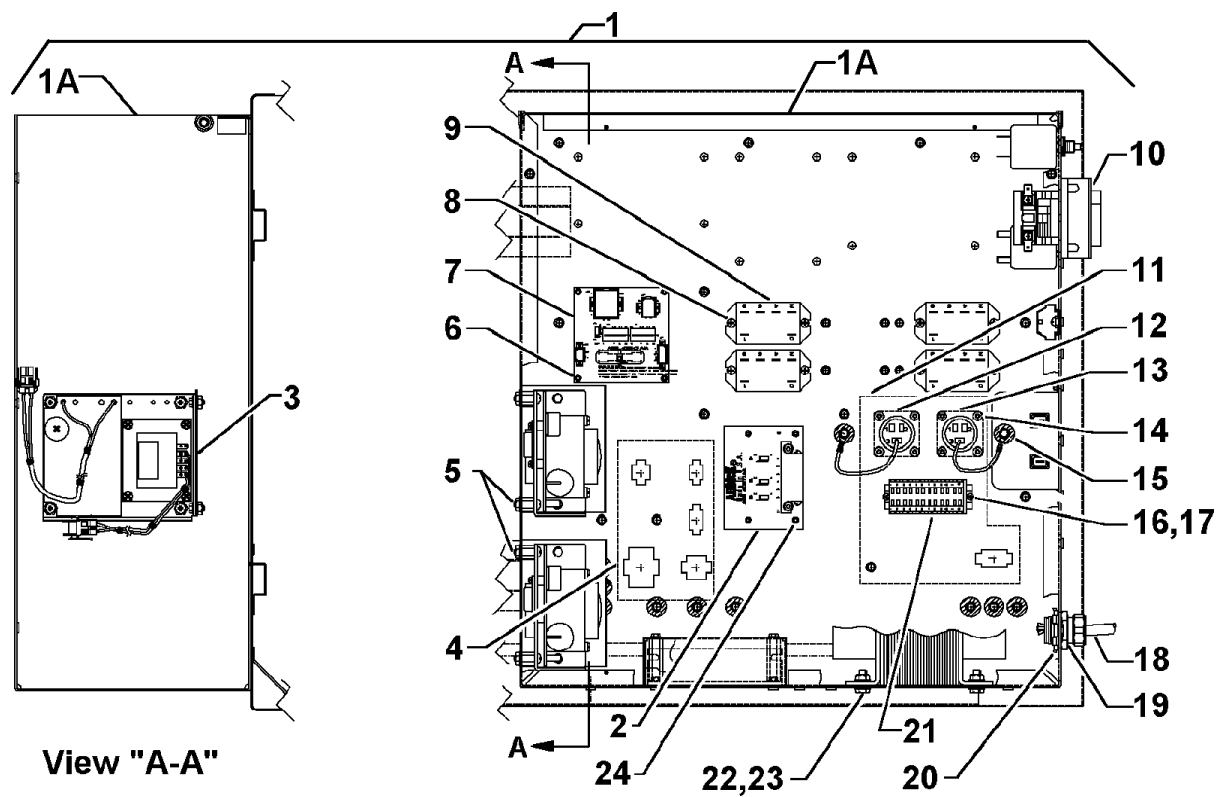


FIGURE 47
Control and Switch Box Assemblies - Part I

Control and Switch Box Assemblies - Part I

Index No.	Part No.	Figure 47 Description	Units Per Assy.
1	403620	CONTROL BOX ASSEMBLY	1
1A	402913	COVER - Control Box	1
2	402873	SNUBBER PCB	1
3	402825	POWER SUPPLY - 24 VDC	1
4	402810	DECAL	1
5	014811	NUT - Keps	8
6	254211	STANDOFF	4
7	402843	CONTROL PCB	1
8	001548	SCREW	8
9	253857	RELAY	4
10	253952	SWITCH - Main Power	1
11	402816	DECAL	1
12	402865	RECEPTACLE ASSEMBLY - Pump	1
13	402864	RECEPTACLE ASSEMBLY - Drive	1
14	101151	SCREW	8
15	111033	SCREW - Ground	2
16	001722	LOCKWASHER	1
17	100529	SCREW	1
18	402866	POWER CORD ASSEMBLY	1
19	254503	FITTING	1
20	254507	LOCKNUT	1
21	254728	TERMINAL STRIP	1
22	111071	SCREW	4
23	014807	NUT - Keps	4
24	254211	STANDOFF	4

Control and Switch Box Assemblies - Part II

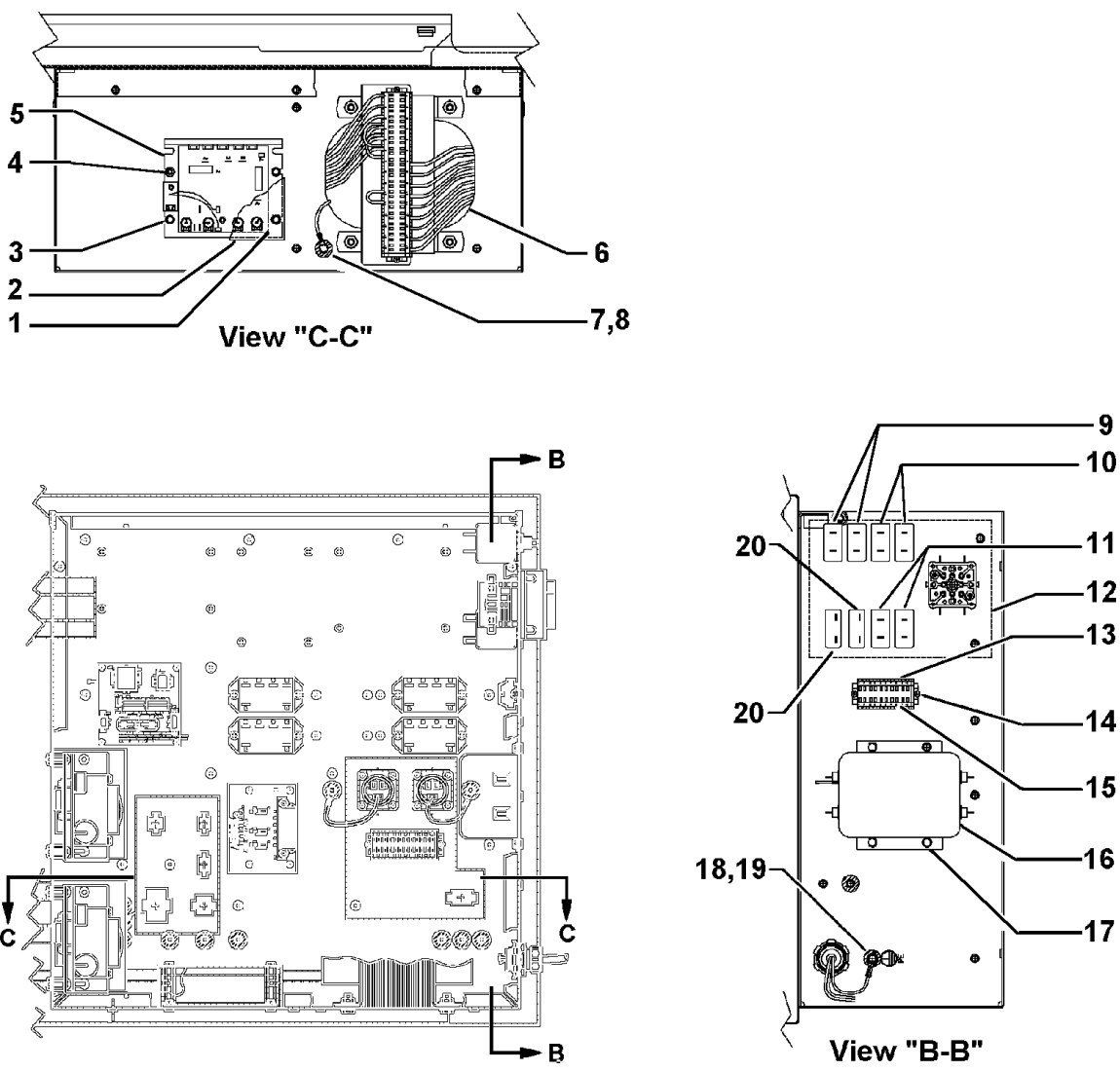


FIGURE 48
Control and Switch Box Assemblies - Part II

Control and Switch Box Assemblies - Part II

Index No.	Part No.	Figure 48 Description	Units Per Assy.
1	111033	SCREW	2
2	402529	COVER	1
3	111035	SCREW	2
4	402531	STANDOFF	2
5	254732	SPEED CONTROL - (230V Drive Motor)	1
6	401678	TRANSFORMER ASSEMBLY	1
7	111033	SCREW	1
8	001722	LOCKWASHER	1
9	252537	CIRCUIT BREAKER - 8 Amp	2
10	250051	CIRCUIT BREAKER - 10 Amp	2
11	253543	CIRCUIT BREAKER - 4 Amp	2
12	402815	DECAL	1
13	254500	TERMINAL STRIP	1
14	100529	SCREW	2
15	402134	LABEL	1
16	253619	FILTER	1
17	111033	SCREW	3
18	111050	SCREW	1
19	100997	LOCKWASHER	1
20	254726	CIRCUIT BREAKER - 1 Amp	1

Control and Switch Box Assemblies - Part III

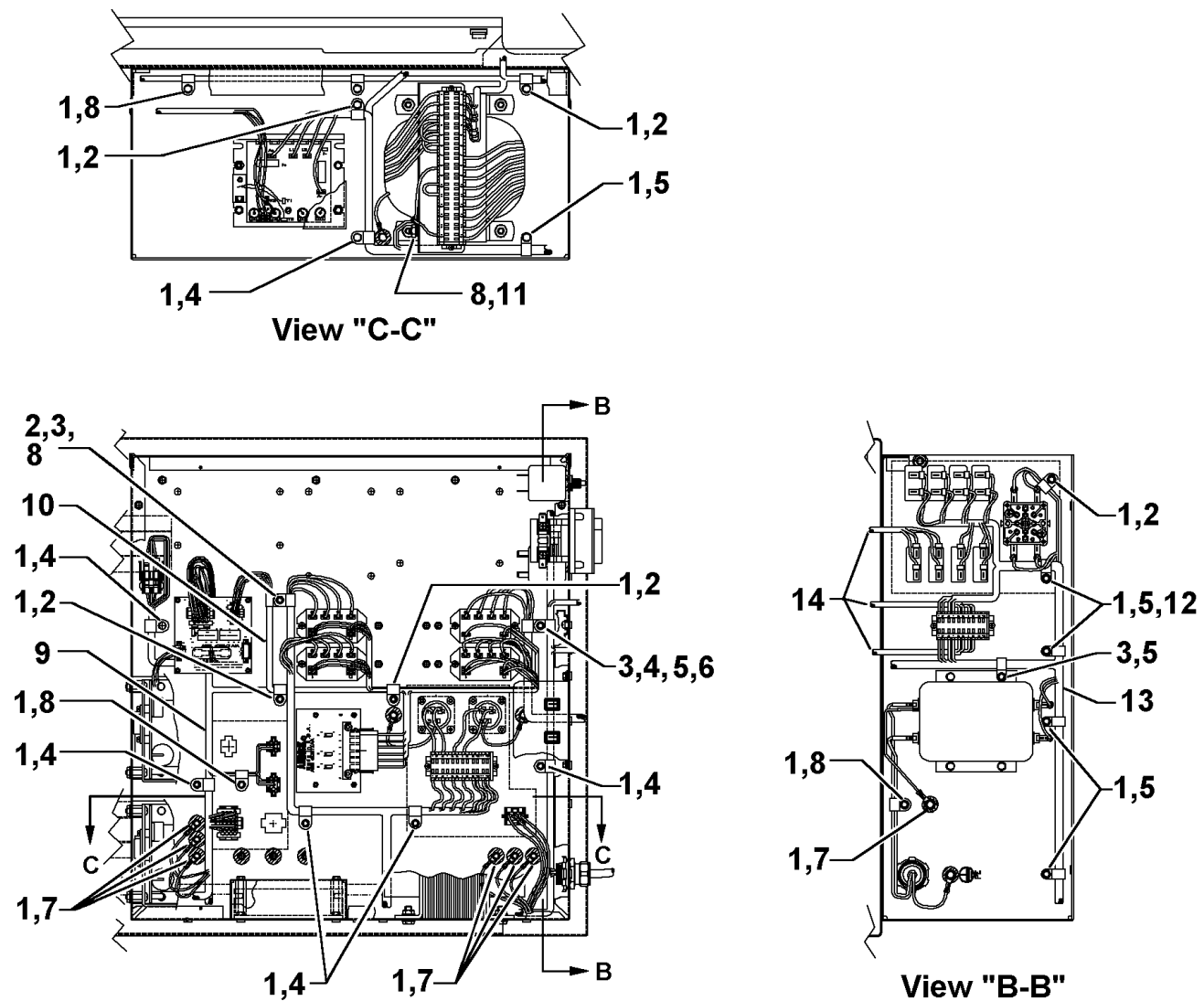


FIGURE 49
Control and Switch Box Assemblies - Part III

Control and Switch Box Assemblies - Part III

Index No.	Part No.	Figure 49 Description	Units Per Assy.
1	111033	SCREW	27
2	250203	CLAMP	7
3	111034	SCREW	3
4	250204	CLAMP	6
5	250098	CLAMP	5
6	402862	SNUBBER HARNESS	1
7	001722	LOCKWASHER	6
8	250356	CLAMP	6
9	402860	LOW VOLTAGE D.C. HARNESS	1
10	402861	HARNESS - K11 To P1	1
11	001486	NUT	1
12	250273	CLAMP	2
13	402859	HARNESS - 115 VAC	1
14	402858	HARNESS - 230 VAC	1

Wire Harness Map

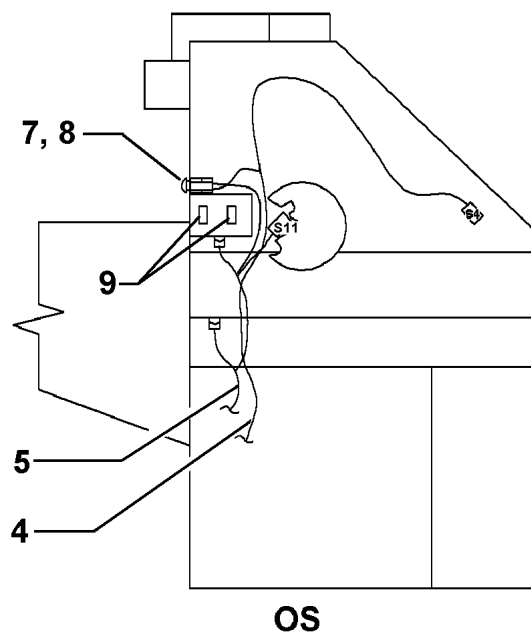
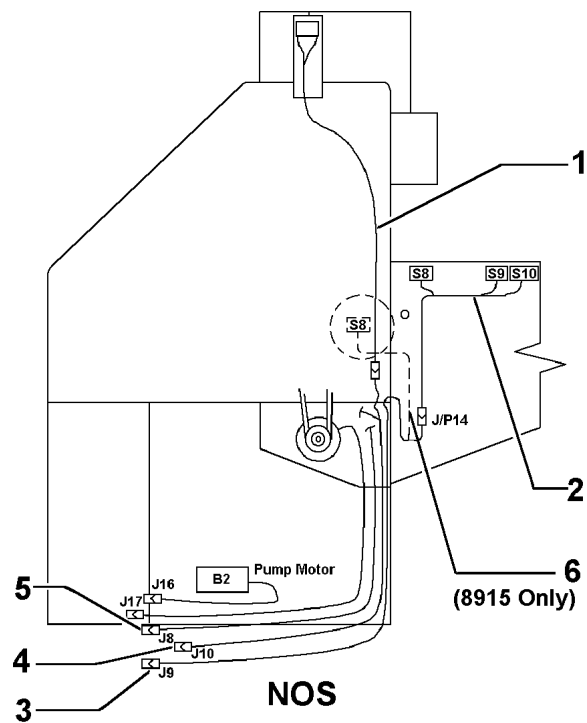


FIGURE 50
Wire Harness Map

Wire Harness Map

Index No.	Part No.	Figure 50 Description	Units Per Assy.
1	402857	HARNESS - Ink/Aqua Guard	1
2	402830	HARNESS - Chain Delivery	1
3	402856	HARNESS - Control Box/CD	1
4	402870	HARNESS - Guard	1
5	402846	HARNESS - J8 to P21 and P22	1
6	402846	HARNESS - Imp. Guard (8915 Only)	1
7	253475	SWITCH -Stop	1
8	253474	SWITCH - Stop, Activator	1
9	253953	SWITCH - Drive & Pump, Illuminated Rocker	1

Base Frames and Hardware

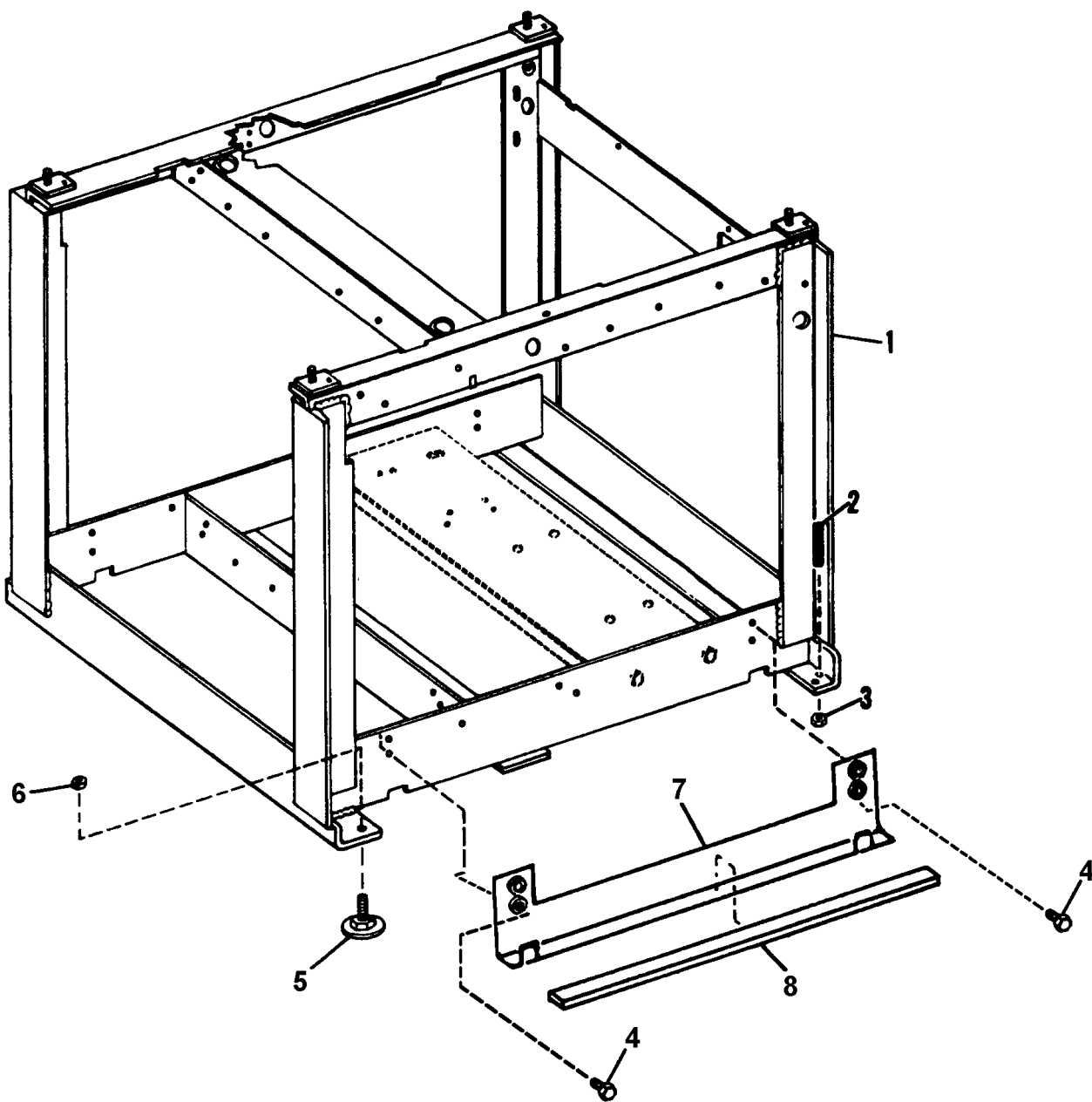


FIGURE 51
Base Frames and Hardware

Base Frames and Hardware

Index No.	Part No.	Figure 51 Description	Units Per Assy.
*	403640	BASE ASSEMBLY - Complete with Motor, Pump, Compressor etc. 8920 only) (not shown)	1
*	403610	BASE ASSEMBLY - Complete with Motor, Pump, Compressor etc. (8915 only) (not shown)	1
1	011426	BASE ASSEMBLY - Welded	1
2	101913	SCREW - Set, 1/2-20 x 2.000	2
3	021095	NUT - 1/2-20	2
4	111070	SCREW - 1/4-28 x 7/16	4
5	017542	GLIDER	3
6	001845	NUT - 3/8-24	3
7	400613	BRACKET ASSEMBLY - Support, Cover	2
8	400641	GASKET	2

Feed Table and Feed Adjusting Mechanism

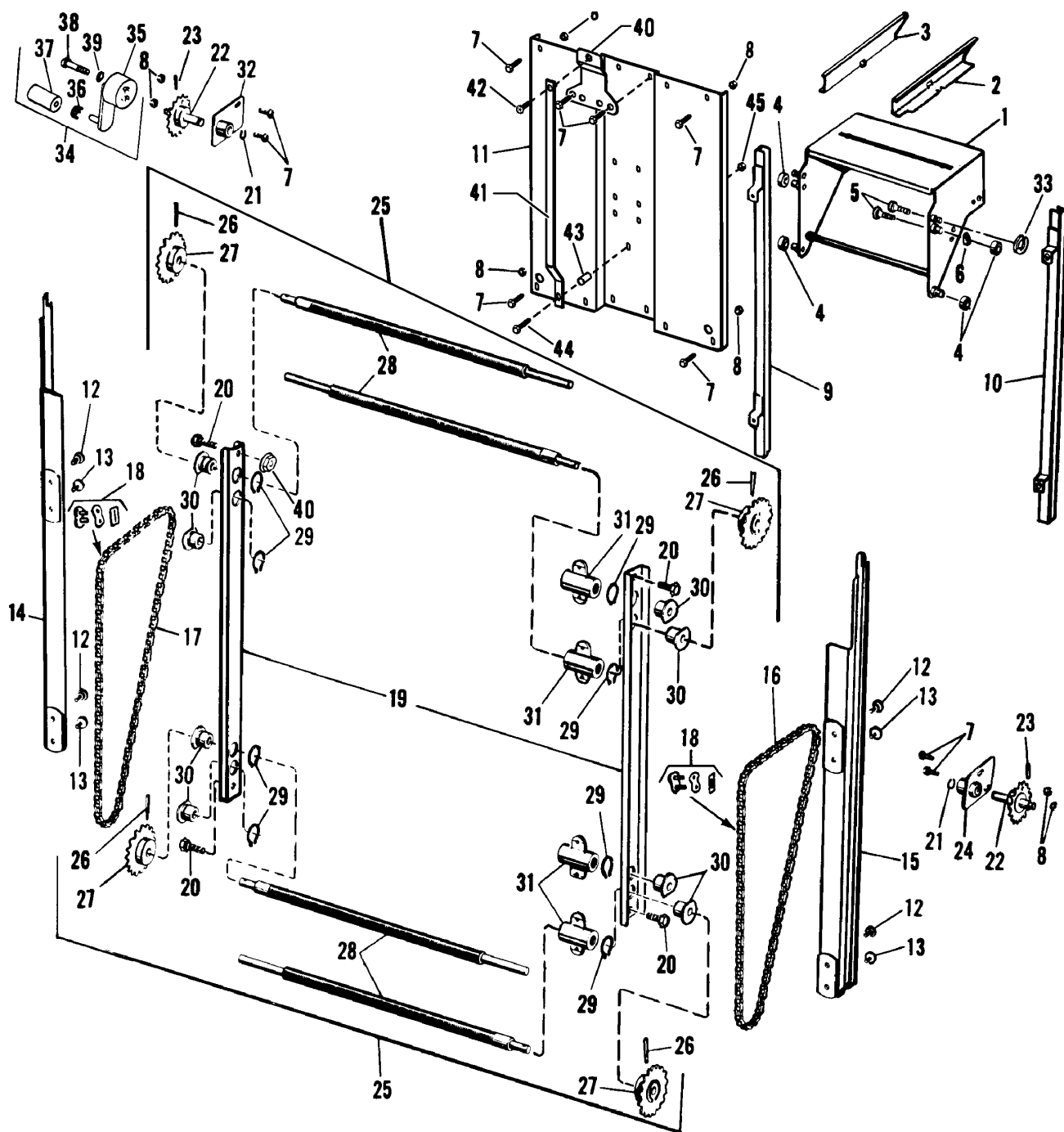


FIGURE 52
Feed Table and Feed Adjusting Mechanism

Feed Table and Feed Adjusting Mechanism

Index No.	Part No.	Figure 52 Description	Units Per Assy.
1	403630	FEED TABLE ASSEMBLY	1
2	011431	SUPPORT GUIDE - O.S.	1
3	011432	SUPPORT GUIDE - N.O.S.	1
4	072029	TRUCK - Feed Table	4
5	001690	SCREW - 10-32 x 5/16	2
6	073473	BRACKET - Trip	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	010080	PANEL - Cover & Motor Mount	1
12	016327	SCREW - Shoulder, 10-32	4
13	016060	SCREW - 10-32 x 3/8	4
14	087266	GUIDE ASSEMBLY - N.O.S. (with Micro Lateral)	1
15	072069	GUIDE ASSEMBLY - O.S.	1
16	072024	CHAIN - Table Adjusting, O.S.	1
17	072037	CHAIN - Table 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 - Table Adjusting	2
23	001980	PIN - Roll, .135 O.D. x .640 O.A.L.	2
24	011077	BRACKET ASSEMBLY - N.O.S.	1
25	072076	SCREW ASSEMBLY - Feed Table Guide	4
26	000024	PIN - Taper, .176 O.D. x 1.141 O.A.L.	4
27	*072044	SPROCKET - 15 Tooth	4
28	*072066	SCREW - Guide	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	001095	RING - Retaining, .245 I.D.	2
34	017595	CRANK ASSEMBLY	2
35	017594	CRANK ARM	2
36	072052	LOCK - Spring	2
37	011371	HANDLE	2
38	196244	SCREW - Special, 10-32 x 1.000 O.A.L.	2
39	039642	RING - Vinyl, .155 I.D. x .295 O.D. x .075	2
40	150087	NUT - 5/16-24	1
41	400584	BAR	1
42	001542	SCREW - Phillips	1
43	196999	SPACER	1
44	014751	SCREW	1
45	150083	NUT	1

*Not Procurable Separately

Supply Items

9122 - 11"x17" Paper Support Boards, 12 per carton
 9123 - 8-1/2"x11", 14" Paper Support Boards 12 per carton

Table Raising Mechanism

Index No.	Part No.	Figure 53 Description	Units Per Assy.
1	076607	MITER AND WORM GEAR ASSEMBLY	1
2	100966	PIN - Spiral, .182 O.D. x .822 O.A.L.	1
3	*081607	GEAR	1
4	001920	PIN - Taper, .149 O.D. x .786 O.A.L.	1
5	*072569	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	024248	NUT - 10-32	6
11	072599	BEARING ASSEMBLY	2
13	403634	SHAFT ASSEMBLY - Table Raising	1
14	149385	PIN - Spiral, .152 O.D. x 1.250 O.A.L.	1
15	*080336	GEAR	1
16	001936	PIN - Taper, 1.250 O.A.L.	2
17	*072041	SPROCKET	2
18	*017150	SHAFT	1
19	072035	CHAIN ASSEMBLY - Table Raising	2
20	071576	LINK - Master	1
21	072077	WEIGHT ASSEMBLY	2
22	194835	HOOK	1

*Not Procurable Separately

Drive Motor

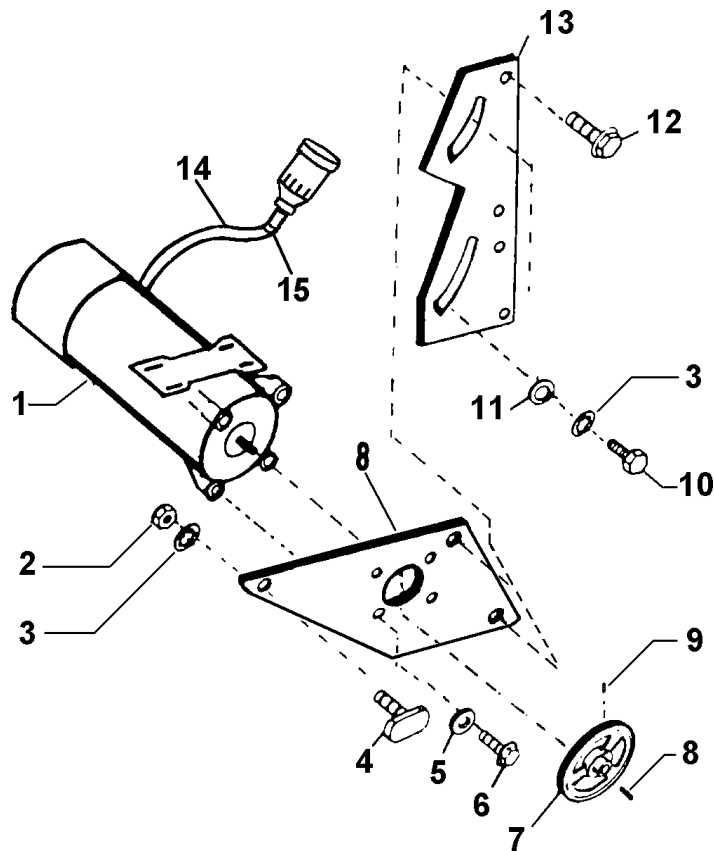


FIGURE 54
Drive Motor

Drive Motor

Index No.	Part No.	Figure 54 Description	Units Per Assy.
1	402844	D.C.MOTOR&CORDASM.	1
1A	083822	BRUSH - Leeson Electric 1HP (Not Illustrated)	2
1	083389	MOTOR - Drive, 180 V DC	1
2	101170	NUT	3
3	014751	WASHER	3
4	083394	PIVOT PIN	1
5	001763	WASHER	4
6	101869	SCREW	4
7	025123	PULLEY	1
8	083393	PLATE - Motor Mounting	1
9	001523	SETSCREW	1
10	101203	SCREW	2
11	193647	WASHER	2
12	111074	SCREW	4
13	083392	PLATE - Spacer	1
14	402845	CORD - Drive Motor	1
15	400093	LABEL - Drive	1

Compressor Assembly

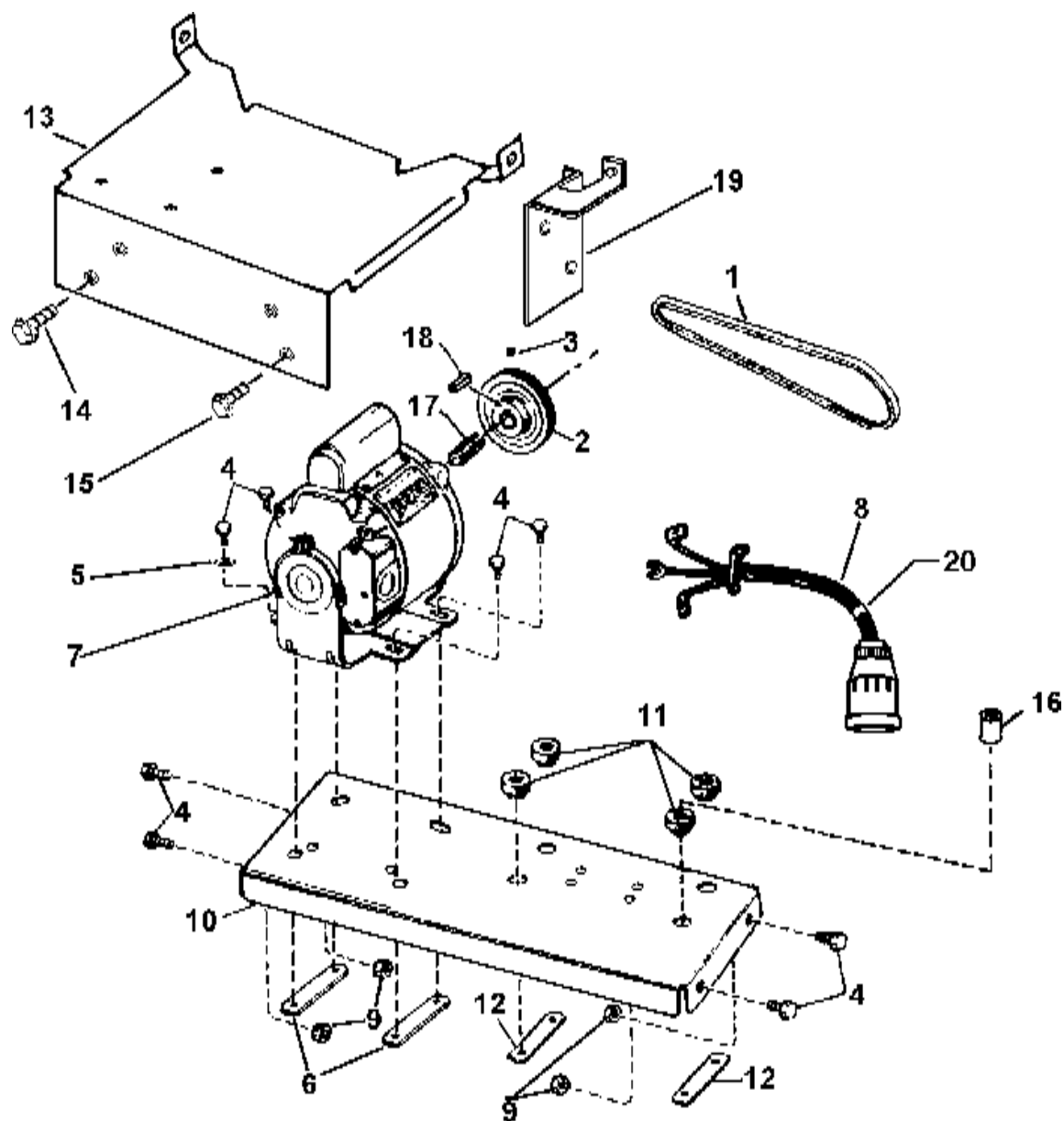


FIGURE 55
Compressor Assembly

Compressor Assembly

Index No.	Part No.	Figure 55 Description	Units Per Assy.
1	054479	BELT - Compressor	1
2	403092	PULLEY ASSEMBLY - Motor	1
3	001523	SCREW - Set Cup Point, 5/16-18 x 3/8 (W/Key)	1
4	014183	BOLT - Motor Mounting, 5/16-18 x 5/8	8
5	014784	WASHER - .328 I.D. Rubber	4
6	025496	NUT PLATE	2
7	402145	MOTOR ASSEMBLY - Pump	1
8	402158	CORD - Motor	1
9	150085	NUT - 1/4-28	4
10	402522	BASE - Pump & Motor	1
11	072840	GROMMET	4
12	072838	NUT PLATE	2
13	010175	SHIELD - Base	1
14	111073	SCREW - 1/4-28 x 5/8	1
15	111069	SCREW - 1/4-28 x 3/8	1
16	193810	SLEEVE - Grommet	4
17	073661	SLEEVE	1
18	196827	KEY - 3/16" x 3/16" x 1-1/4"	1
19	402293	SHIELD ASSEMBLY	1
20	400092	LABEL - Pump	1

Oil-Less Pump Assembly

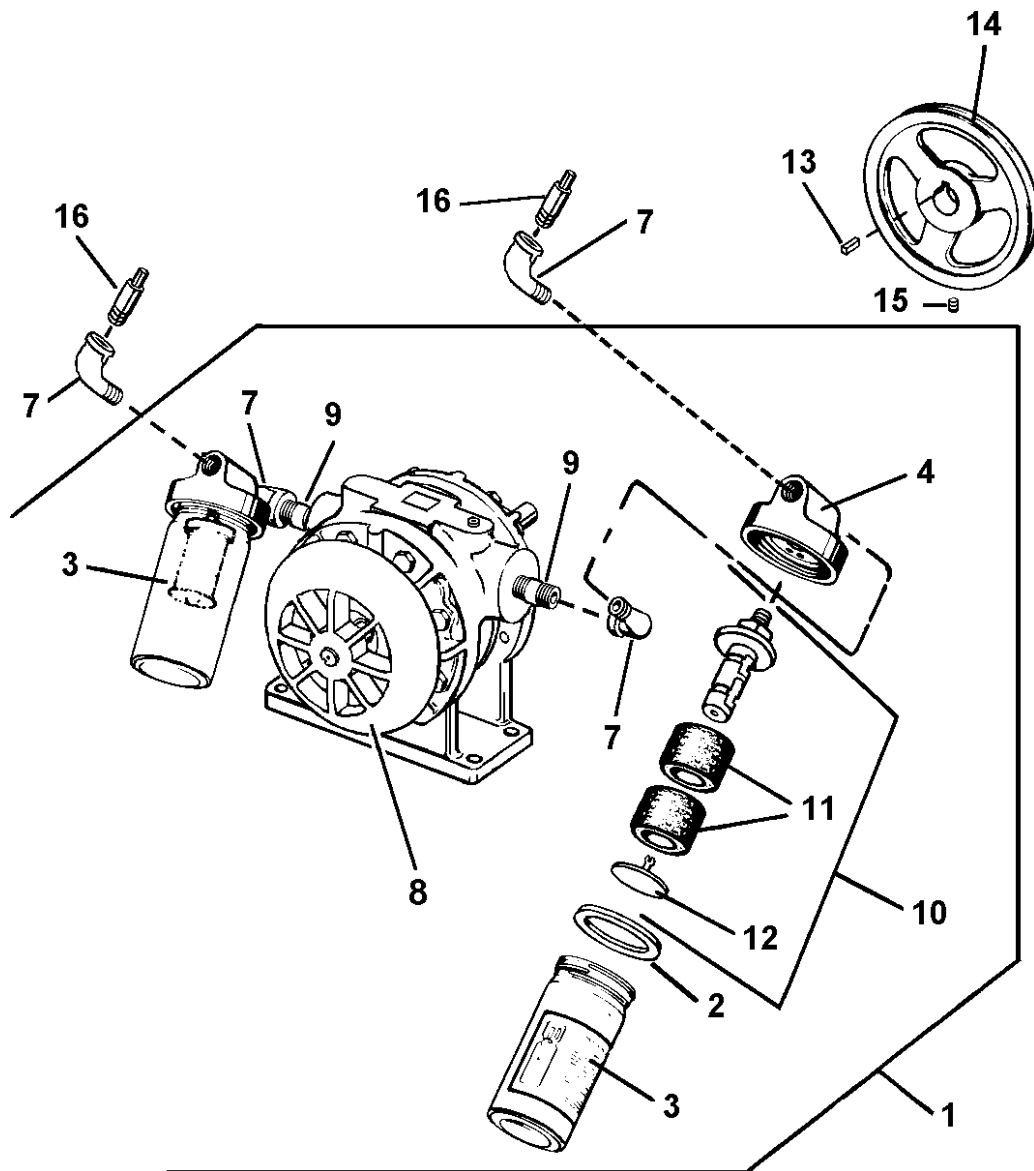


FIGURE 56
Oil-Less Pump Assembly

Oil-Less Pump Assembly

Index No.	Part No.	Figure 56 Description	Units Per Assy.
1	402301	OIL-LESS PUMP ASSEMBLY (New Design)	1
2	072261	GASKET	2
3	072852	BOTTLE	2
4	072161	COVER	1
--	402300	VANE (Not Illustrated)	4
--	072920	SHIM (Not Illustrated)	1
7	072826	ELBOW	2
8	402400	FAN	1
9	102282	NIPPLE	2
10	072265	FILTER ASSEMBLY	2
11	072855	FILTER	2
12	016569	CAP - Plastic	1
13	190398	KEY - 3/16" x 3/16" x 1-3/8"	1
14	403091	PULLEY - Pump	1
15	001523	SCREW - Set, 5/16-18 x 3/8"	1
16	073417	ADAPTER - Tube	2



Air and Vacuum Valve Assembly

Air and Vacuum Valve Assembly

Index No.	Part No.	Figure 57 Description	Units Per Assy.
1	016897	AIR AND VACUUM VALVE ASSEMBLY	2
2	013010	PLUG - Air and Vacuum	1
3	080481	SPRING - Compression, .400 O.D. x 2.437 O.A.L.	1
4	013007	VALVE SPOOL- Valve Body	1
5	013434	VALVE BODY - Air and Vacuum	1
6	016898	SHAFT - Air and Vacuum	1
7	001990	PIN - Roll, .131 O.D. x .485 O.A.L.	1
8	021911	WASHER - .578 I.D. x .875 O.D.	2
9	191473	NUT - Nylon	2
10	076142	VALVE - Vacuum	1
11	072257	HOSE - 18.000 O.A.L.	3
12	072256	HOSE - 35.000 O.A.L.	3
13	017735	KNOB - Air and Vacuum	2
14	196246	SCREW - Dowel, 1/4-28	2
15	039642	RING - Vinyl, .135 I.D.	1
16	075405	HEADER ASSEMBLY	1
17	111073	SCREW - 1/4-28 x 5/8	2
18	195197	TUBING - 5/16 I.D. x .469 O.D. x 6-3/8 O.A.L.	6

Sprocket Shaft and Paper Guide Assemblies

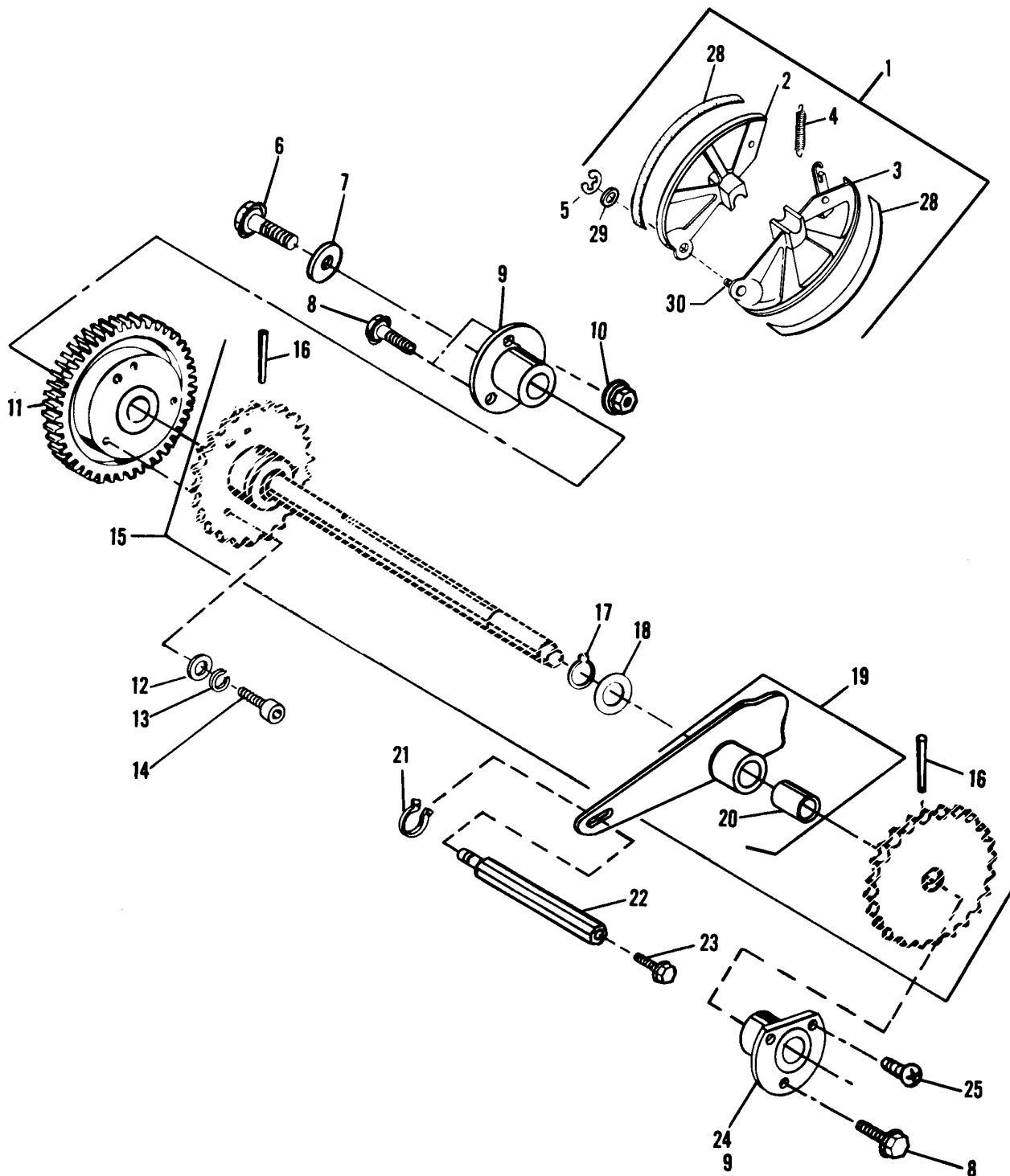


FIGURE 58
Sprocket Shaft and Paper Guide Assemblies

Sprocket Shaft and Paper Guide Assemblies

Index No.	Part No.	Figure 58 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	016511	SPROCKET AND SHAFT ASSEMBLY - Drive	1
16	102111	PIN - Drive Lok	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

Gripper Bar and Chain Assemblies

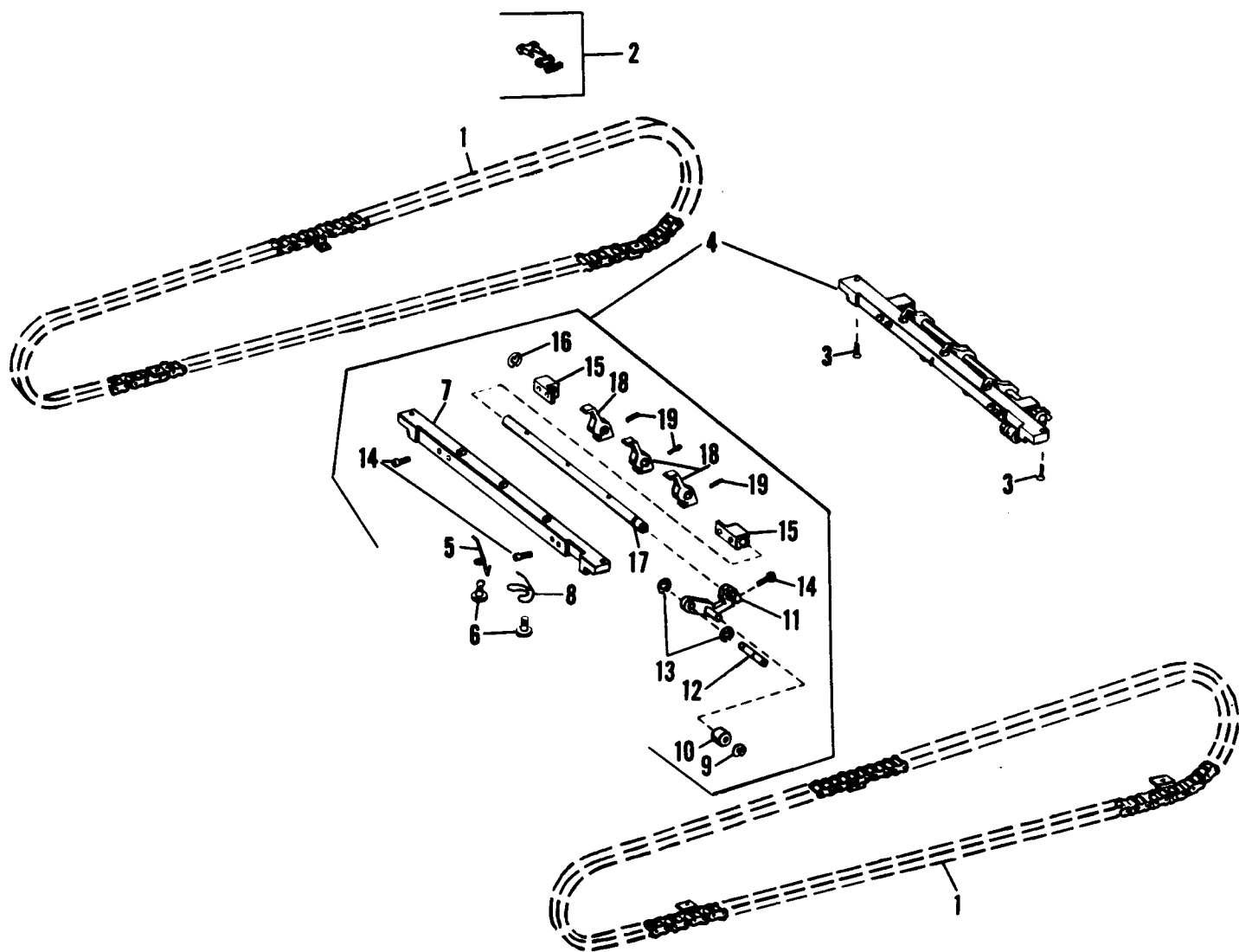


FIGURE 59
Gripper Bar and Chain Assemblies

Gripper Bar and Chain Assemblies

Index No.	Part No.	Figure 59 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	016646	GRIPPER BAR ASSEMBLY	3
5	073934	SPRING - Gripper Tension	1
6	041750	SCREW - Shoulder, 8-32	2
7	016644	BAR ASSEMBLY - Gripper	1
8	080218	SPRING - Gripper Tension	1
9	001049	RING - Retaining, .227 I.D. x .027	1
10	196412	TRUCK - Cam Follower	1
11	016501	CAM FOLLOWER - Gripper	1
12	080564	STUD - Cam Follower	1
13	014504	RING - Retaining, .146 I.D. x .027	2
14	014164	SCREW - 8-32 x 7/16	5
15	081764	BEARING - Gripper Shaft	2
16	001046	RING - Retaining, .283 I.D. x .027	1
17	071585	SHAFT ASSEMBLY - Gripper	1
18	081762	GRIPPER - Paper	3
19	014576	PIN - Driv-Lok, .093 O.D. x 9/16	3

Idler Shaft Assembly

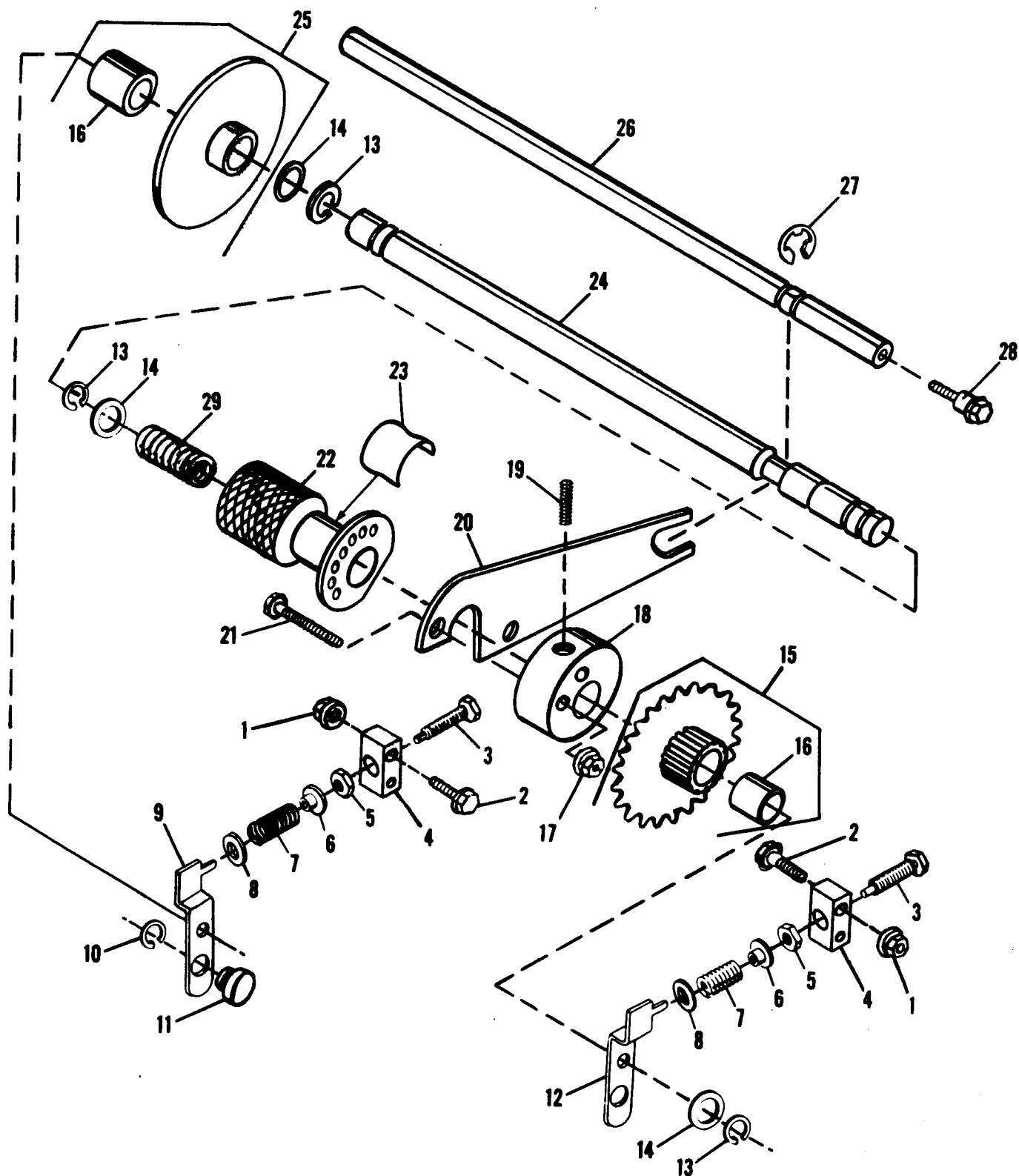


FIGURE 60
Idler Shaft Assembly

Idler Shaft Assembly

Index No.	Part No.	Figure 60 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	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	018676	DECAL	1
24	016447	SHAFT - Idler	1
25	016391	ROLLER ASSEMBLY	1
26	016549	TIE BAR	1
27	001094	RING - Retaining, .394 I.D. x .044	2
28	081553	SCREW - Dowel, 1/4-28	2
29	190220	SPRING - Compression	1

Back Jogger Mechanism - Part I

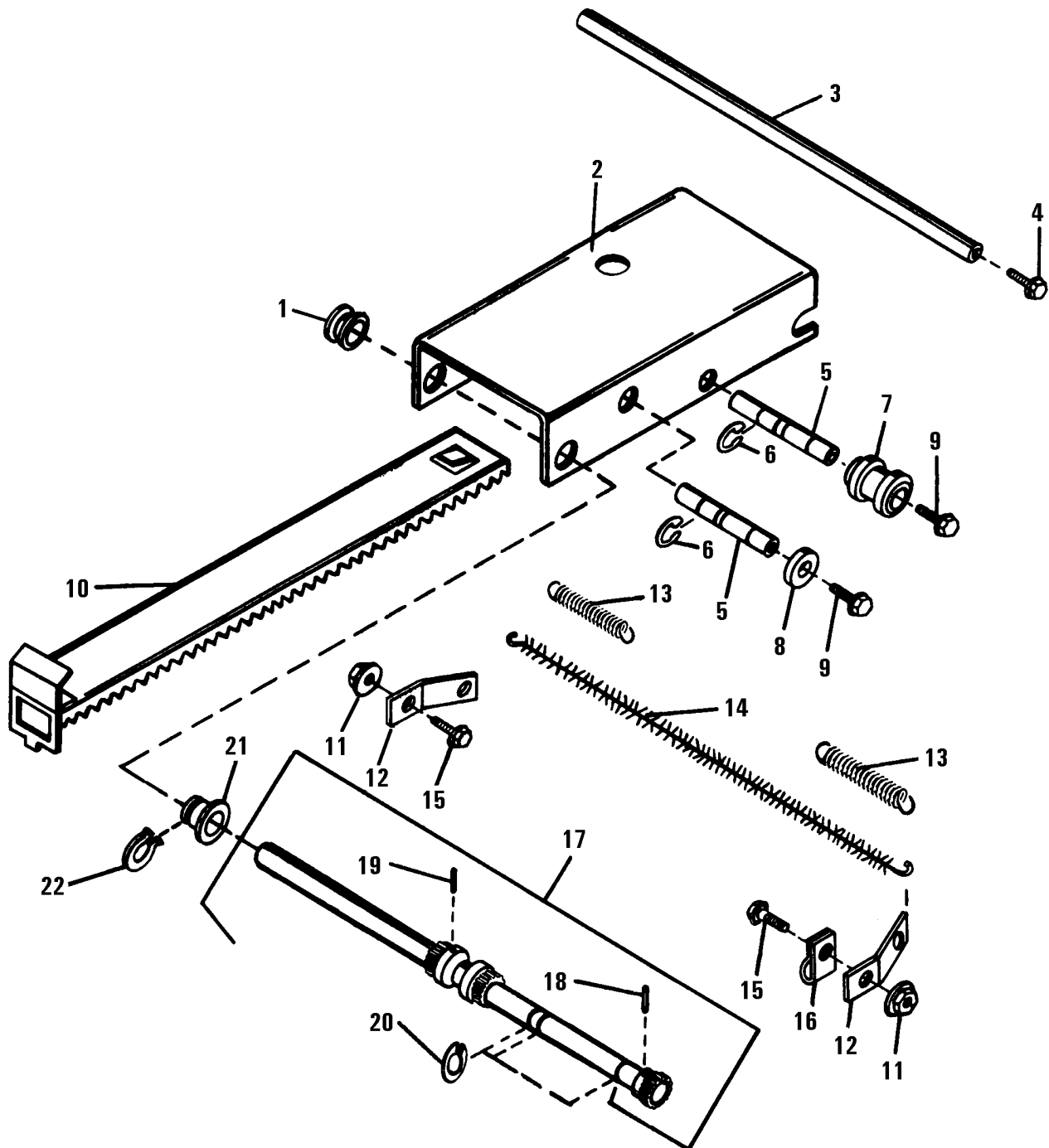


FIGURE 61
Back Jogger Mechanism - Part I

Back Jogger Mechanism - Part I

Index No.	Part No.	Figure 61 Description	Units Per Assy.
1	100731	BUSHING - Flanged Nylon, .501 I.D. x .562 O.D. x .078	2
2	016299	HOUSING - Back Jogger	1
3	084406	TIE BAR	1
4	193601	SCREW - Shoulder, 5/16-24	2
5	016431	SHAFT	2
6	001776	RING - Retaining, .273 I.D. x .027	4
7	016430	ROLLER - Rear	1
8	196399	ROLLER - Rack, Upper	1
9	211052	SCREW - 10-32 x 3/8	4
10	016421	RACK ASSEMBLY - Jogger	1
11	014808	NUT - 10-32	2
12	081107	CLIP - Spring	2
13	050621	SPRING - Tension, .218 O.D. x 1.218 O.A.L.	2
14	***	TINSEL - 13" Finished To 10-5/8"	1
15	111054	SCREW - 10-32 x 1/2	2
16	100960	CLAMP - 1/4	1
17	016514	SHAFT ASSEMBLY - Jogger	1
18	000009	PIN - Taper, .110 O.D. x .750 O.A.L.	1
19	100521	PIN - Taper, .156 O.D. x 1.375 O.A.L.	1
20	100969	RING - Retaining, .447 I.D. x .037	3
21	196397	BUSHING - Special Flange	2
22	101938	RING - Retaining, Bowed	2

***Supply Item Number 0670 (2 rolls = 12 yds. or 10.9 M each)

Back Jogger Mechanism - Part II

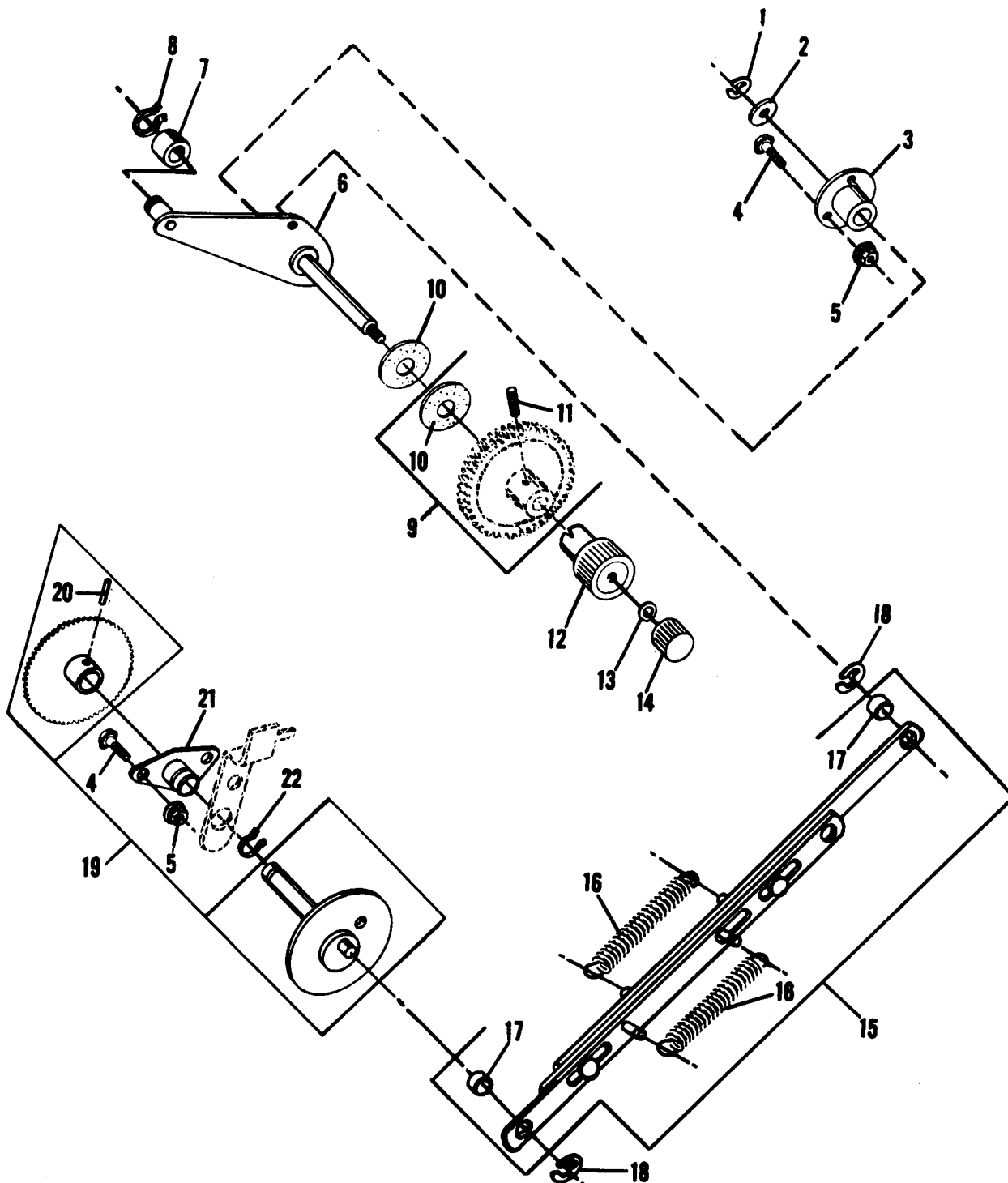


FIGURE 62
Back Jogger Mechanism - Part II

Back Jogger Mechanism - Part II

Index No.	Part No.	Figure 62 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	402900	LEVER & PAD ASSEMBLY	1
7	054350	ROLLER	1
8	001049	RING - Retaining, .277 I.D. x .027	1
9	402955	GEAR ASSEMBLY	1
10	081597	PAD - Friction	1
11	149319	PIN - Spiral, 3/16 O.D. x 1/2 O.A.L.	1
12	017582	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	026472	CAM CRANK ASSEMBLY	1
20	001956	PIN - Taper, .157 O.D. x 1.000 O.A.L.	1
21	016441	BEARING ASSEMBLY	1

Dolly Table Crank Assembly

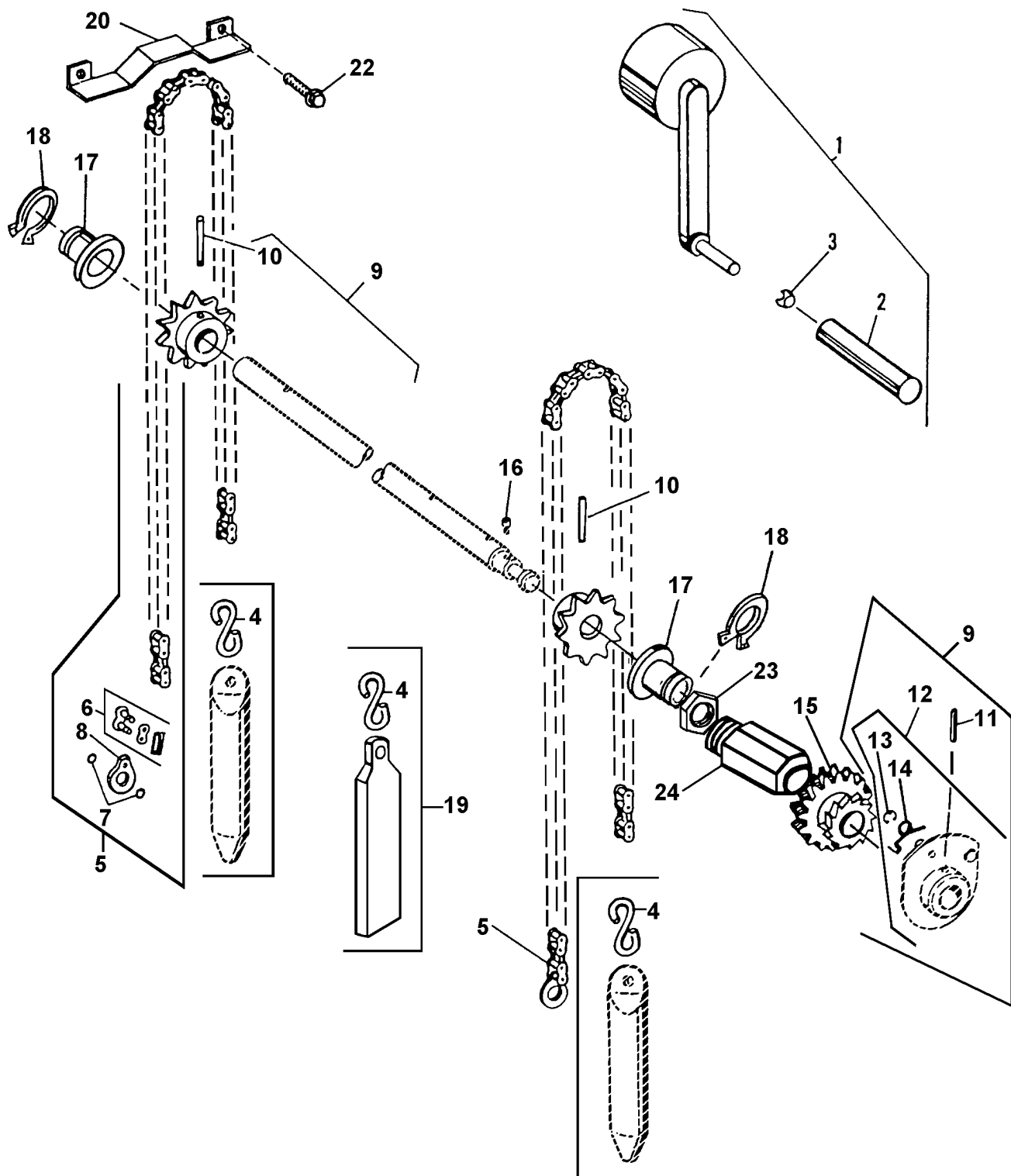


FIGURE 63
Dolly Table Crank Assembly

Dolly Table Crank Assembly

Index No.	Part No.	Figure 63 Description	Units Per Assy.
1	017714	CRANK ASSEMBLY - Table Raise	1
2	017715	HANDLE - Crank Assembly	1
3	003042	SPRING LOCK - Crank Handle	1
4	194835	HOOK - Chain Weight	2
5	072035	CHAIN ASSEMBLY	2
6	071576	LINK - Chain Coupler	1
7	001054	WASHER	2
8	072036	TABLE CONNECTOR	1
9	403632	SHAFT ASSEMBLY - Table Raise Crank	1
10	000014	PIN - Taper, .146 O.D. x 1.127 O.A.L.	2
11	001983	PIN - Roll, .167 O.D. x 1.015 O.A.L.	1
12	016410	MOUNT ASSEMBLY - Gear Pawl	1
13	014504	RING - Retaining, .095 x I.D. x .019	1
14	018720	SPRING - Pawl Pressure	1
15	016412	GEAR ASSEMBLY - Crank Shaft	1
16	101281	PIN - Drive Lock, .250 O.D. x 750 O.A.L.	1
17	196397	BUSHING - Special Flange	2
18	101938	RING - Retaining, Bowed	2
19	016399	WEIGHT ASSEMBLY	2
20	400579	GUARD - Chain, N.O.S.	1
21	400578	GUARD - Chain, O.S. (Not illustrated)	1
22	101165	SCREW - 10 x 5/8	4
23	**197038	NUT - 11/16-24	1
24	**400644	HUB ASSEMBLY	1

**If (old design) spacer 196396 is present, both 197038 and 400644 are used as replacements for spacer.

Dolly Table Control

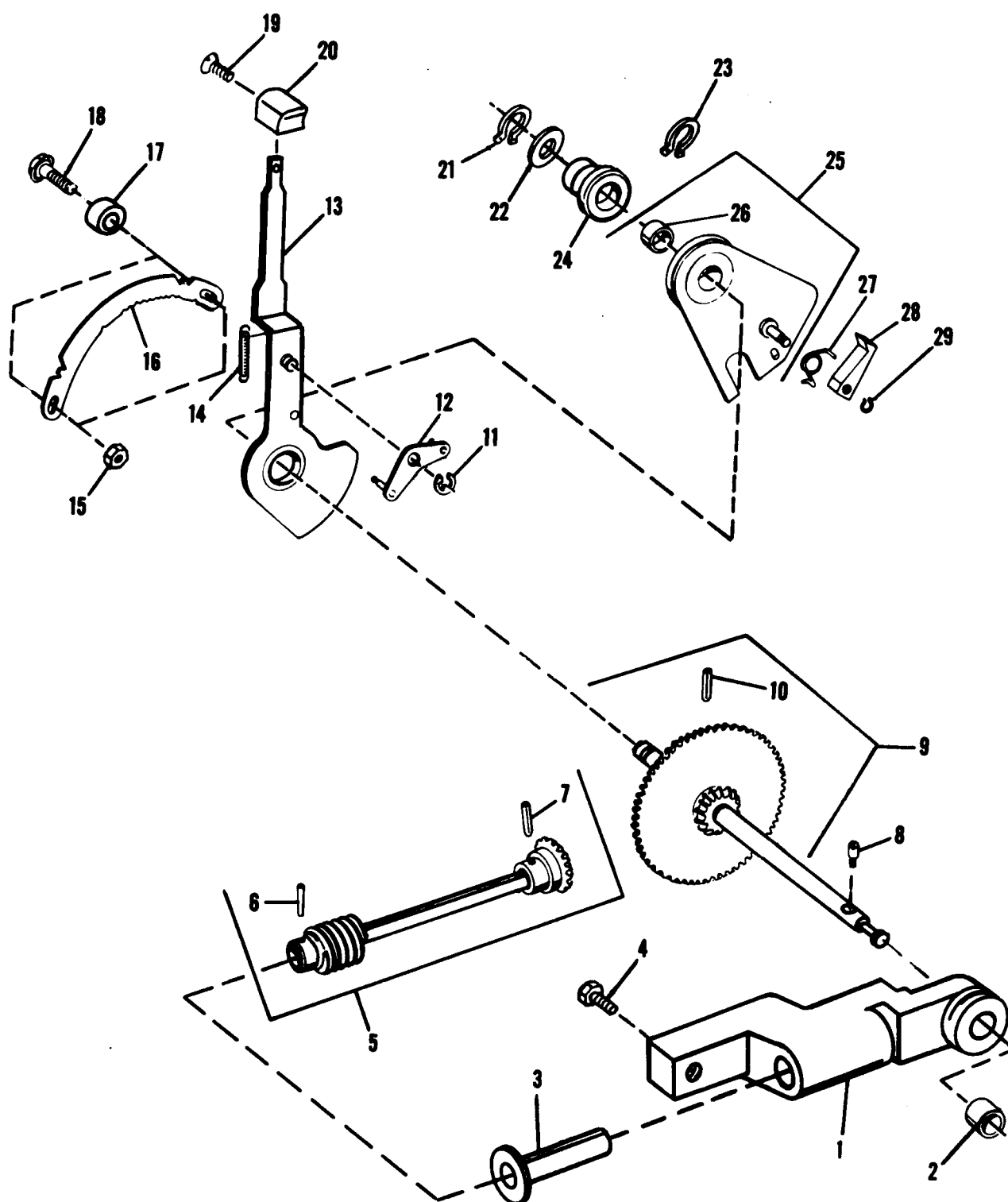


FIGURE 64
Dolly Table Control

Dolly Table Control

Index No.	Part No.	Figure 64 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	016481	SHAFT ASSEMBLY - Table Control Ratchet	1
10	001978	PIN - Roll, .135 O.D. x .765	1
11	001095	RING - Retaining, .245 I.D. x .027	1
12	081575	LEVER - Locking	1
13	016521	LEVER - Table Control	1
14	021369	SPRING - Tension, .250 O.D. x 1.062 O.A.L. x .033	1
15	014248	NUT - Lock, 10-32	2
16	081604	RATCHET - Control Lever Holding	1
17	196403	SPACER	2
18	111058	SCREW - 10-32 x 7/8	2
19	001552	SCREW - 8-32 x 3/8	1
20	016921	KNOB - Brown	1
21	001047	RING - Retaining, .340 I.D. x .027	1
22	001755	WASHER - .385 I.D. x .625 O.D. x .047	1
23	014461	RING - Retaining Bowed, .526 I.D. x .037	1
24	196402	BUSHING - Flanged	1
25	016477	MOUNT - Ratchet Pawl	1
26	014639	BEARING - .504 I.D. x .629 O.D. x .307	1
27	081833	SPRING - Pawl Tension	1
28	081567	PAWL - Ratchet Holding	1
29	001049	RING - Retaining, .227 I.D. x .027	1

Paper Guide Assemblies

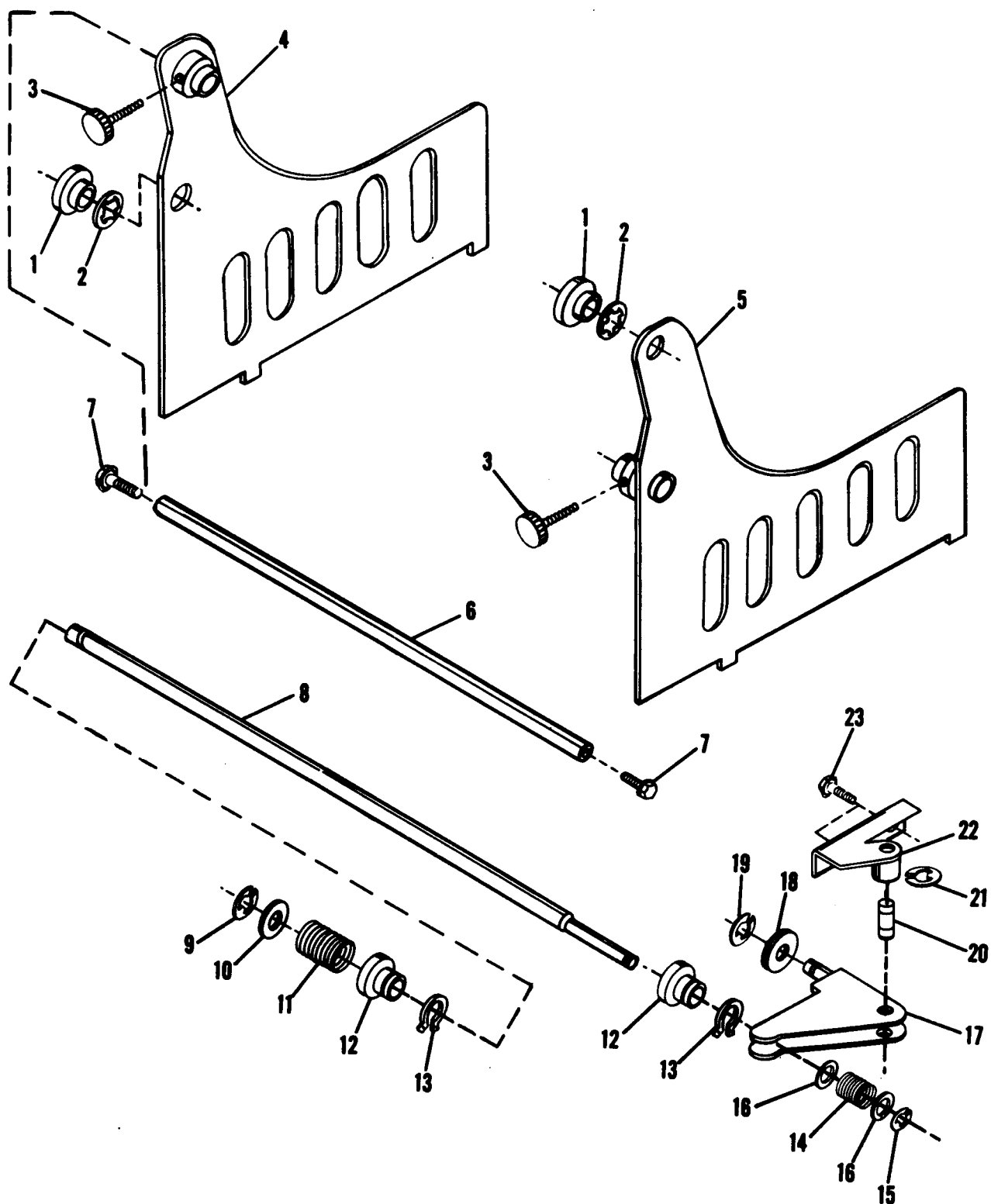


FIGURE 65
Paper Guide Assemblies

Paper Guide Assemblies

Index No.	Part No.	Figure 65 Description	Units Per Assy.
1	195401	BUSHING - Flange.....	2
2	101023	RING - Self Locking, Push-On .627 I.D.	2
3	016450	KNOB - 1/4-28.....	2
4	016462	JOGGER ASSEMBLY - N.O.S.	1
5	016461	JOGGER ASSEMBLY - O.S.	1
6	016467	TIE BAR.....	1
7	081553	SCREW - Dowel, 1/4-28	1
8	016453	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, 3/64 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

Chain Delivery Frame Assemblies

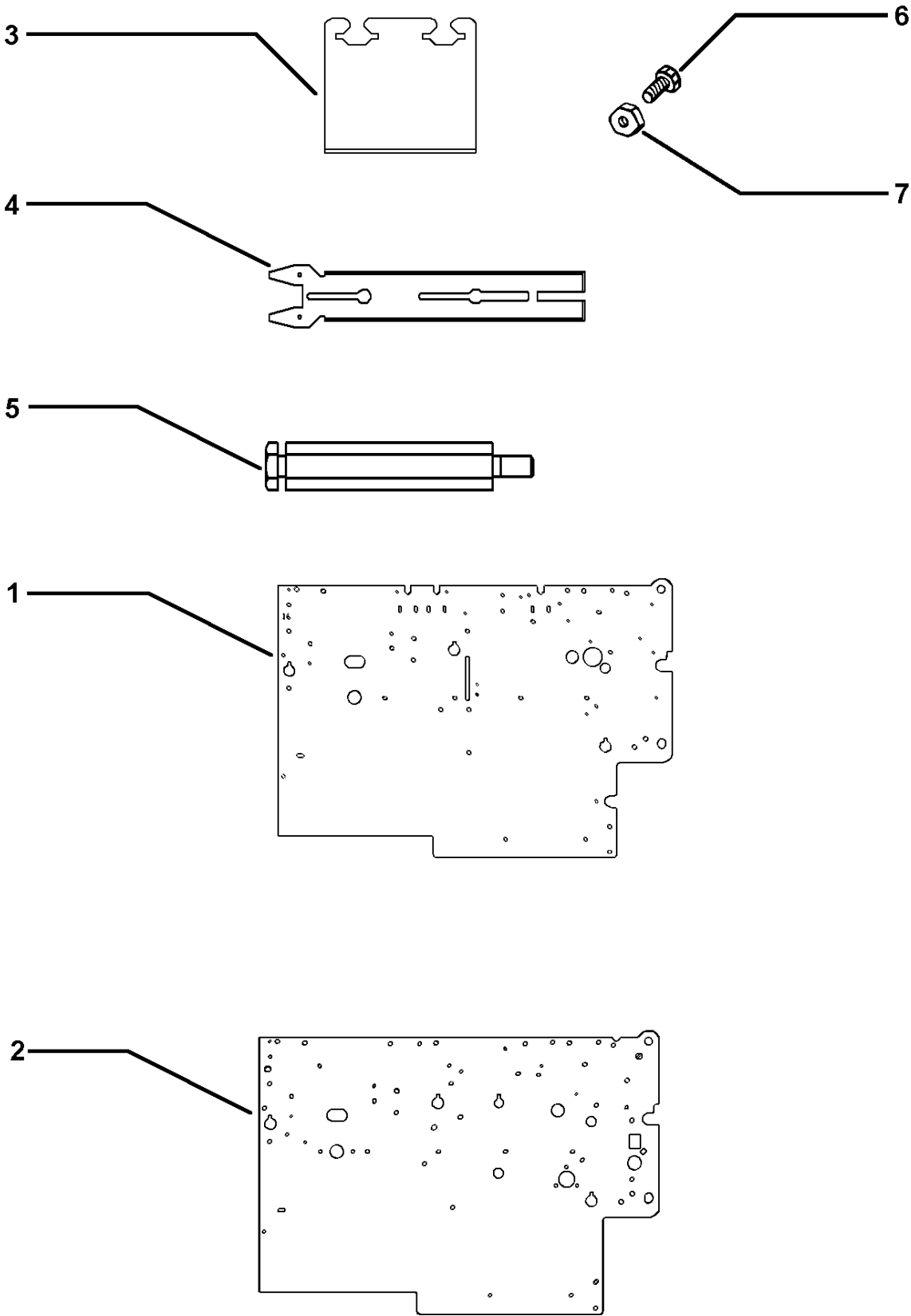


FIGURE 66
Chain Delivery Frame Assemblies

Chain Delivery Frame Assemblies

Index No.	Part No.	Figure 66 Description	Units Per Assy.
1	402916	FRAME - C.D., N.O.S	1
2	402915	FRAME - C.D., O.S.	1
3	402917	BRACKET - Latch	2
4	402918	PLATE - LATCH	2
5	402919	STUD	4
6	111071	SCREW - 1/4-28 x 1/2	4
7	150085	NUT	8

Safety Screens and Back Stop - Part I

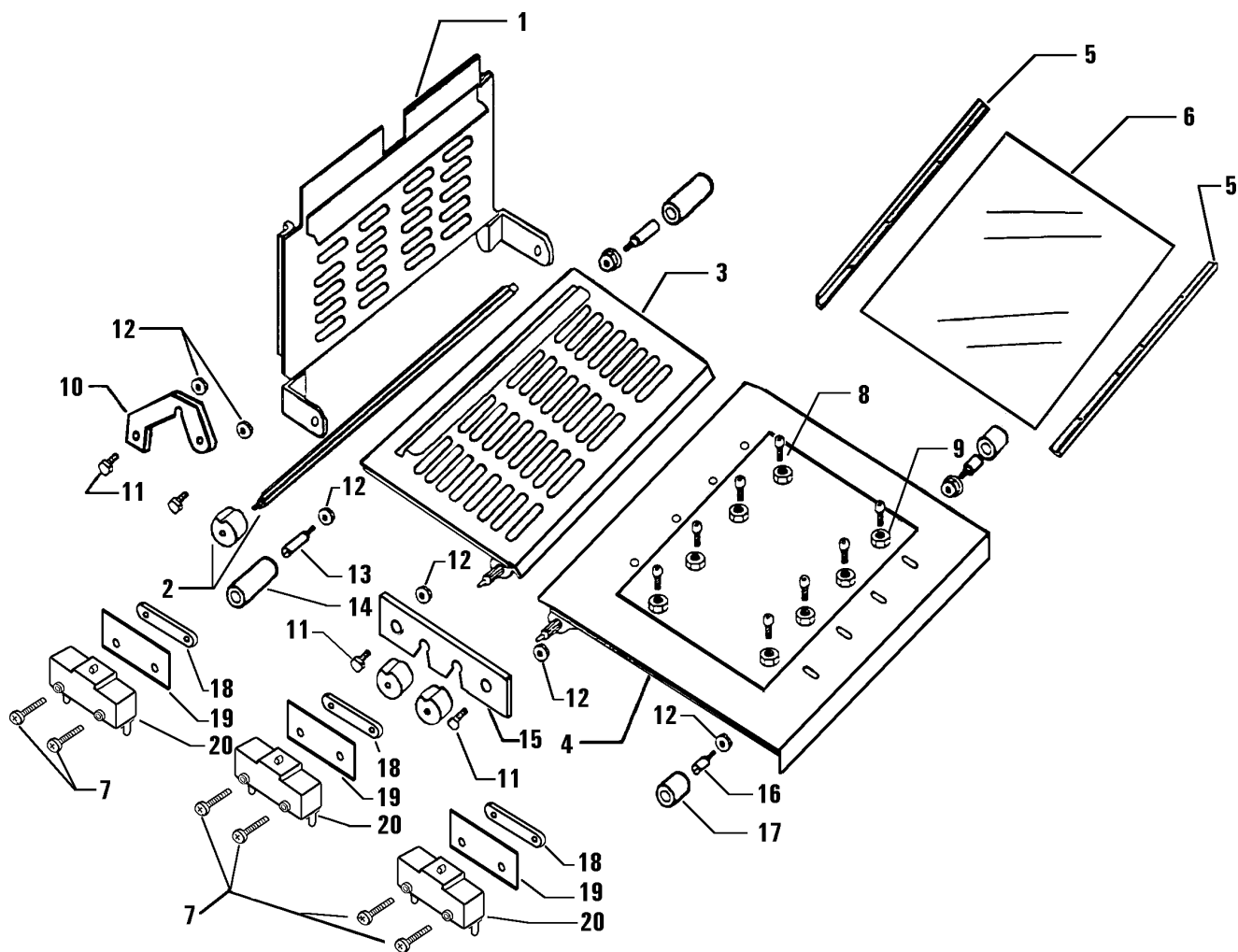


FIGURE 67
Safety Screens and Back Stop - Part I

Safety Screens and Back Stop - Part I

Index No.	Part No.	Figure 67 Description	Units Per Assy.
1	403650	GUARD - CD Vertical	1
2	403648	SHAFT - CD Cam - Guard	1
3	403651	GUARD - CD Mid Assembly.	1
4	403653	GUARD - CD Window Assembly	1
5	403655	CLAMP - Window	2
6	403656	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 - CD	1
16	074717	STUD	2
17	402755	BUMPER	2
18	190731	NUT PLATE	3
19	254475	INSULATOR	3
20	253211	SWITCH - Safety Guard	3

Safety Screens and Back Stop - Part II

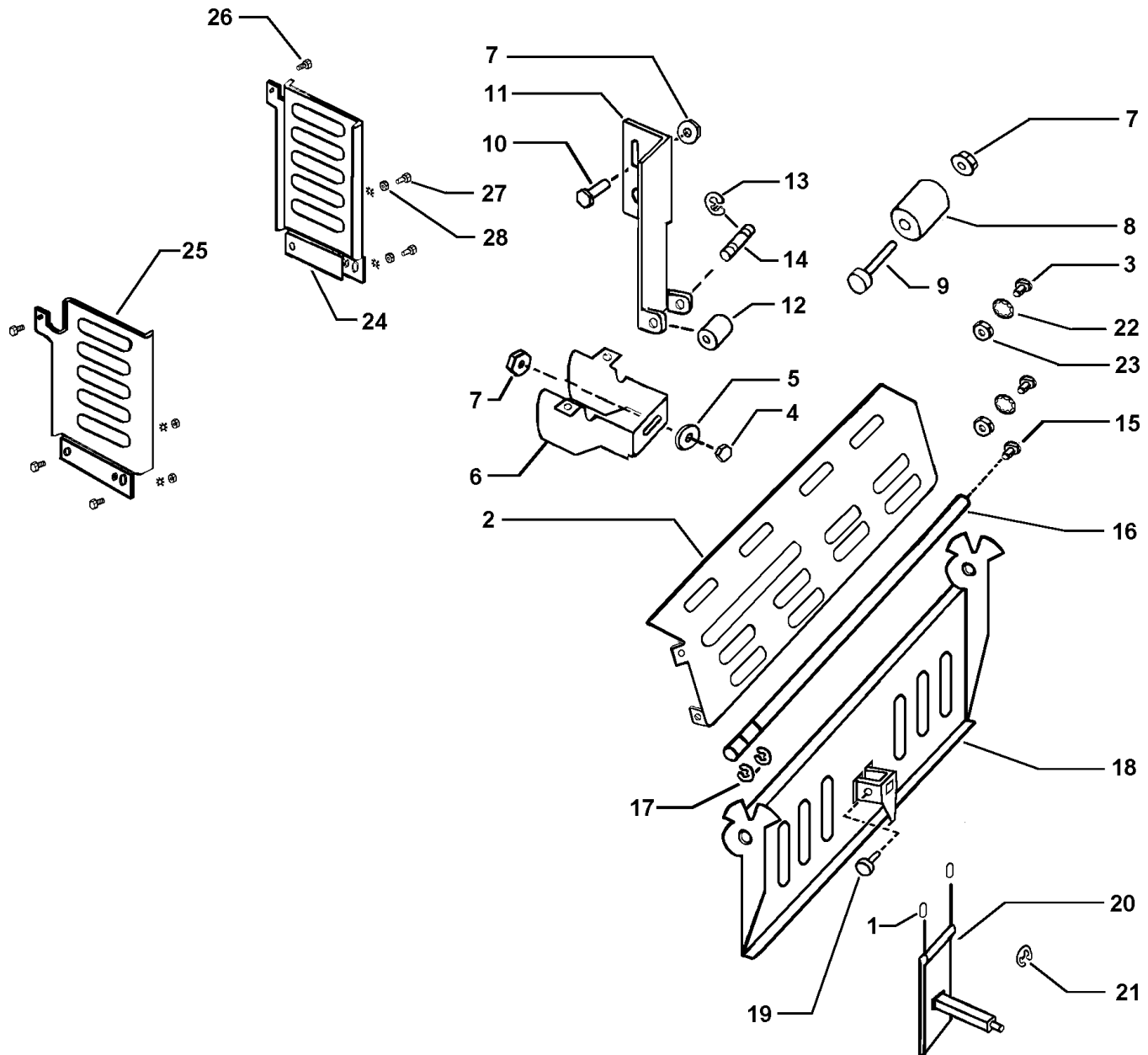


FIGURE 68
Safety Screens and Back Stop - Part II

Safety Screens and Back Stop - Part II

Index No.	Part No.	Figure 68 Description	Units Per Assy.
1	101944	BUMPER - Vinyl	4
2	403657	GUARD - End	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	016467	TRUCK	1
17	100969	RING - Retaining, .447 I.D. x .581 O.D. x .037	2
18	016364	DOOR ASSEMBLY	1
19	016450	KNOB - 1/4-28	1
20	016744	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

Covers (C.D.) and Chain Support

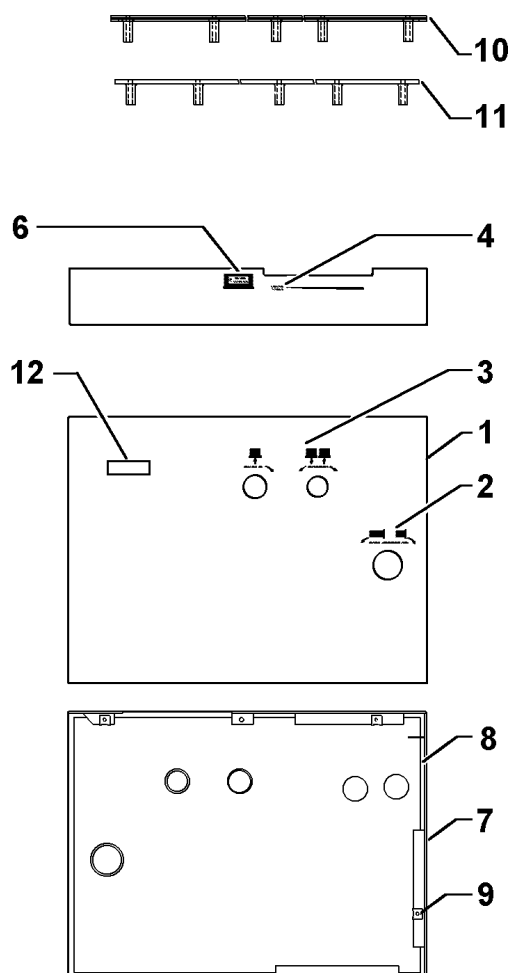


FIGURE 69
Covers (C.D.) and Chain Support

Covers (C.D.) and Chain Support

Index No.	Part No.	Figure 69 Description	Units Per Assy.
1	402980	COVER ASSEMBLY - Chain Delivery, O.S.	1
1	402980B	COVER ASSEMBLY - Chain Delivery, O.S. (Black)	1
2	172850	DECAL - Back Jog	1
3	172852	DECAL - Table Raise/Lower	1
4	016546	DECAL - Table Decent	1
5	017018	DECAL - Feed Auxiliary	1
6	402966	DECAL - Maximum Load	1
7	402981	COVER ASSEMBLY - Chain Delivery, N.O.S.	1
7	402981B	COVER ASSEMBLY - Chain Delivery, N.O.S. (Black)	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	831018	NAMEPLATE (A. B.Dick)	1

Dolly, Table and Frame Assemblies

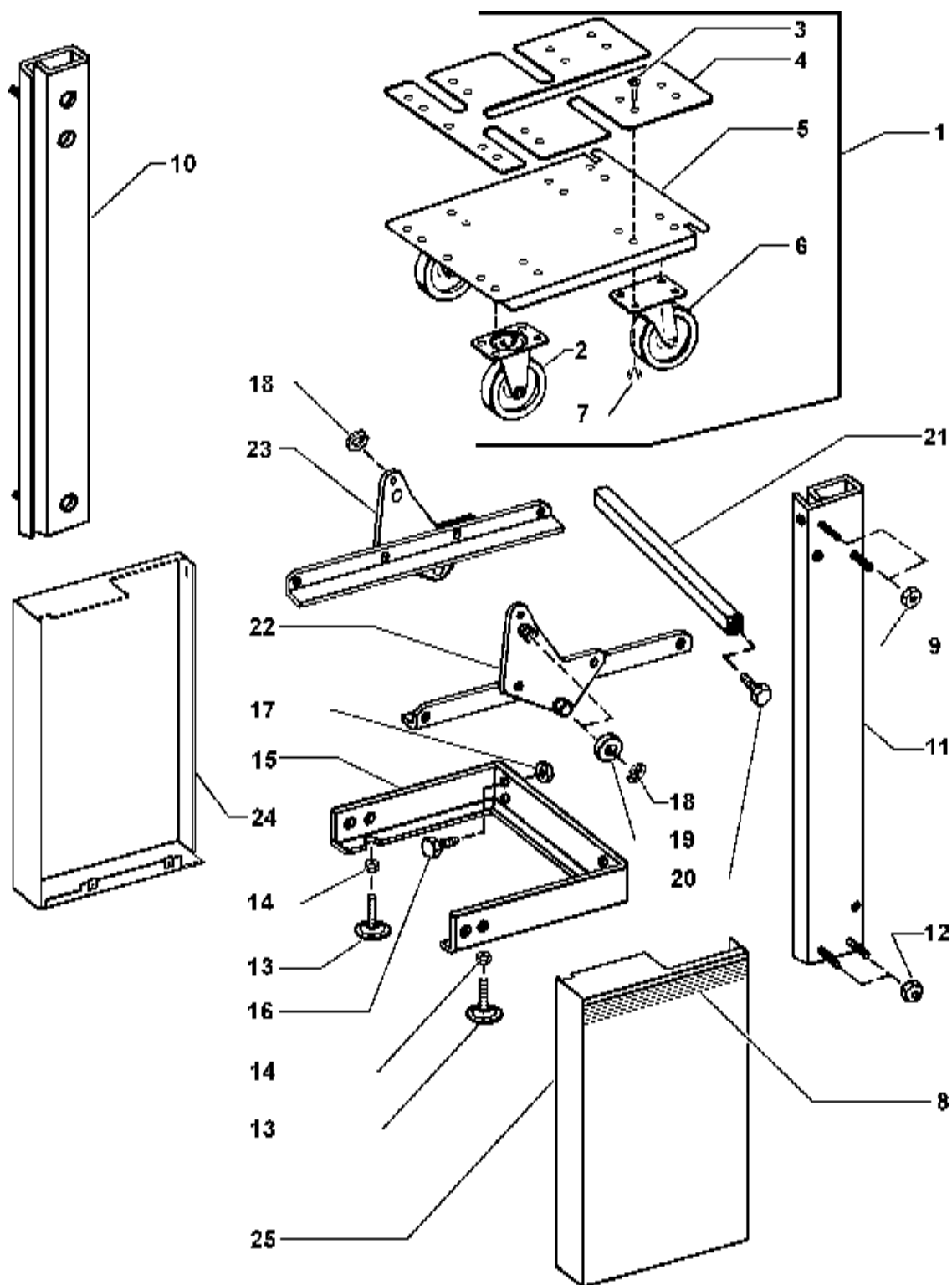


FIGURE 70
Dolly, Table and Frame Assemblies

Dolly, Table and Frame Assemblies

Index No.	Part No.	Figure 70 Description	Units Per Assy.
1	016448	DOLLY ASSEMBLY	1
2	081516	CASTER - Dolly, Swivel	2
3	197185	SCREW - Phillips, Flat Head	1
4	400902	BASE - Dolly, Top	2
5	400903	BASE - Dolly, Base	16
6	081515	CASTER - Dolly, Fixed	1
7	014809	NUT	1
8	403475	PANEL - Blank	1
8	403055	PANEL - Blank (For Black Machine)	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	016440	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	016434	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
24	402891B	COVER ASSEMBLY - C.D. Lower, N.O.S. (Black)	1
25	402890	COVER ASSEMBLY - C.D. Lower, O.S.	1
25	402890B	COVER ASSEMBLY - C.D. Lower, O.S. (Black)	1

Worklight Assembly

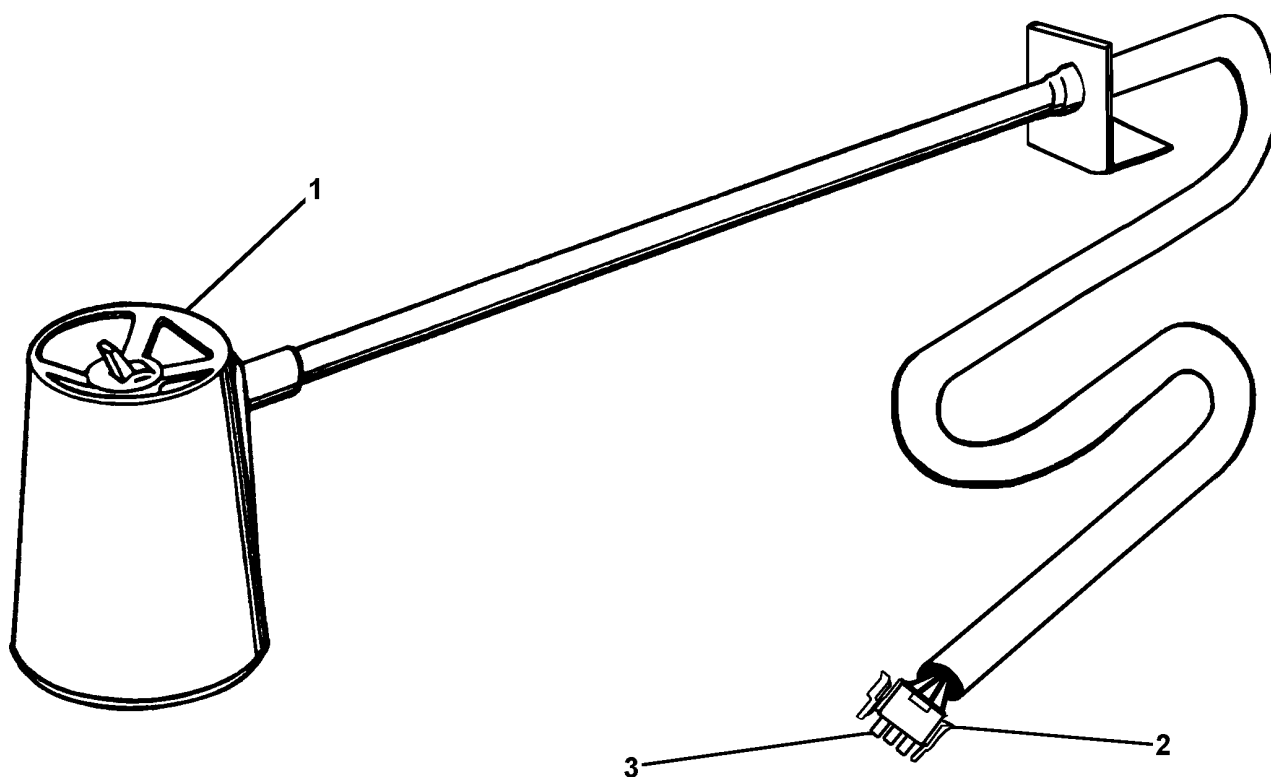


FIGURE 71
Worklight Assembly

Worklight Assembly

Index No.	Part No.	Figure 71 Description	Units Per Assy.
1	402914	WORKLIGHT ASSEMBLY - Flexible, 115 V.	1
2	253277	PLUG	1
3	203602	PIN	3

Index

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
000006	23, 59	001409	93	001784	117, 121
000009	37, 123	001412	65, 75, 83	001785	39, 73
000011	39	001413	39	001797	31, 85
000012	89	001416	19	001804	25
000014	25, 81, 127	001420	121	001812	27, 39, 47, 49, 67
000020	79	001422	67	001818	51, 67
000022	89	001423	91	001821	45, 61
000023	89	001429	59	001824	69
000024	89, 105	001432	31, 129	001832	23
000666	39, 47	001446	51, 67	001834	45
000884	5	001456	89	001840	61, 121
001044	91	001462	79	001845	61, 103, 141
001046	41, 67, 71, 79, 87, 117, 119	001469	73	001847	57, 71
001047	29, 71, 75, 77, 85, 87, 91, 129	001470	73	001920	107, 129
001048	31, 47, 73, 91, 105	001472	73, 125	001936	107
001049	29, 73, 87, 119, 125, 129	001473	37	001956	29, 81, 125
001054	127	001486	99	001976	31
001060	11, 15, 43, 47, 51, 65, 93, 117, 131, 141	001493	71	001978	19, 33, 35, 37, 91, 129
001062	51, 71	001495	81	001980	33, 35, 63, 79, 105
001065	43, 53	001497	25, 31, 39, 41	001981	61, 129
001066	53, 59	001523	57, 109, 111, 113	001983	127
001067	77	001542	79, 105	001984	79
001073	15	001548	95	001987	55, 81
001074	77	001552	7, 129	001990	115
001075	65, 71, 75	001555	69, 107	001991	71
001076	41, 121	001575	17	001992	63, 89
001080	17, 21, 23, 51, 65, 67, 73, 77, 79, 131, 137	001577	33, 35	003042	7, 73, 127
001094	23, 25, 29, 41, 45, 73, 131	001594	13	003268	43
001095	47, 59, 65, 73, 105, 125, 129, 131	001649	61, 77	003578	21
001096	19	001650	79	003586	55
001097	11	001687	79	003850	87
001098	29	001688	79	004074	21
001099	21	001690	105	005071	71
001106	79	001691	71	005620	89, 117
001207	27, 59	001702	27, 43, 63	006987	73
001220	9	001715	137	007236	93
001260	39, 49, 121	001721	31	007743	71
001267	91	001722	71, 95, 97, 99	007745	49
001279	9	001731	117	007932	69
001292	43	001740	51, 67	007958	19
001401	91	001750	21, 87	007966	21
001404	75, 89, 91	001755	9, 87, 129	007989	69
		001763	109	009558	55
		001766	65	009559	55
		001771	131	010080	105
		001772	21	010142	73
		001776	123	010148	21
		001778	27	010150	39
		001781	7, 57	010151	39

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
010155	39	013915	93	014529	7, 71
010156	39	013917	93	014562	79
010158	47	013947	105	014570	55
010160	65	014108	33, 35	014576	119
010163	65	014110	93	014605	23
010165	65	014111	43	014606	49
010166	65	014121	45, 61	014608	117
010172	63	014149	71	014639	129
010175	111	014151	53	014646	39
010177	19	014157	31	014703	75
010185	73	014158	73, 79	014709	47
010221	11	014164	43, 119	014712	91, 131
010223	11	014165	59	014721	53
010225	11	014172	45, 61	014727	51, 67, 77, 91
010226	11	014173	61	014741	29, 117
010238	83	014174	59, 67	014748	53
010269	61	014175	59	014750	31, 61
010295	61	014180	29	014751	105, 109
010321	5	014183	111	014754	43
010364	11	014192	53	014761	65, 117, 121
010378	15	014205	59	014784	111, 117
010379	15	014206	45, 61	014793	23
010384	15	014207	31	014799	57
010388	15	014212	89	014805	23
010402	17	014219	71, 117	014807	49, 51, 91, 95
010420	17	014225	3	014808	17, 23, 41, 47, 51, 59,
010421	45	014230	3, 65	63, 67, 69, 71, 87, 91, 123	
011051	105	014247	121	014809	141
011052	105	014248	17, 31, 93, 129	014810	85
011055	69	014257	55	014811	87, 95
011056	69	014304	23	014819	33, 35
011076	105	014311	5	014835	75
011077	105	014313	53	014844	71
011229	69	014327	117	014902	29, 71, 89
011371	7, 19, 23, 41, 65, 83, 105	014342	89	014910	31
011405	83	014350	47	014912	33, 35
011426	103	014369	87	014921	7, 15, 31, 41, 55, 83
011431	105	014372	19, 21, 37, 45, 79, 81	014966	7
011432	105	014390	21, 25	014972	45
012141	19	014450	45	015034	83
012422	21	014461	129	016060	105
012703	53	014464	65	016158	61
012705	53	014504	43, 119, 127	016205	69
012913	93	014507	19, 37	016206	49
013007	115	014510	65, 125	016207	49
013010	115	014514	137	016290	117
013434	115	014518	19	016291	117
013827	85	014520	47	016293	117
013913	93	014523	25	016299	123

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
016318	17	016507	121	017715	7, 73, 127
016327	105	016511	117	017735	7, 33, 35, 115
016364	137	016514	123	017738	7, 71
016368	117	016521	129	017739	7, 41, 55
016374	117	016528	137	017744	7, 47
016376	117, 125	016542	117	017747	19
016378	91	016545	137	017750	7, 71
016380	89	016546	139	017783	73
016381	119	016549	121	017797	9
016391	121	016569	113	017799	9
016393	121	016572	77, 137	017801	73
016397	121	016574	7, 41, 51, 71, 125	017803	7, 73
016398	121	016644	119	017806	7
016399	127	016646	119	017819	7, 47
016401	141	016744	137	017820	19
016402	141	016897	115	017859	111
016410	127	016898	115	017990	29
016412	127	016921	7, 129	017998	111
016416	129	016933	7, 125	018062	47
016418	129	017018	139	018195	97
016421	123	017077	45	018229	9
016429	117	017125	73	018360	39
016430	123	017150	107	018362	39
016431	123	017163	9	018364	39
016434	141	017537	5	018366	39
016437	141	017537B	5	018368	39
016438	141	017539	5	018378	39
016440	141	017539B	5	018469	55
016441	125	017541	5	018575	55
016445	139	017542	103, 141	018577	55
016446	139	017548	23	018579	55
016447	121	017582	7, 125	018676	121
016448	141	017594	105	018720	127
016450	131, 137	017595	7, 105	020138	55
016453	131	017603	5	020379	47
016458	131	017604	5	020444	67
016461	131	017605	5	021095	103
016462	131	017606	5	021150	23
016467	131, 137	017607	5	021203	23, 29, 37, 43, 51, 65, 87
016469	137	017608	5	021268	49
016470	131	017636	39	021369	129
016471	131	017639	29	021861	47
016477	129	017640	29	021911	49, 115
016480	137	017644	73	022343	47
016481	129	017645	73	024248	107
016494	125	017647	73	025123	109
016501	119	017702	41	025405	5
016502	121	017708	19	025496	111
016504	121	017714	7		

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
025525	9	071570	87	072152	67
025667	15	071576	105, 107, 127	072154	77
026472	125	071577	79	072159	79
039642	7, 33, 35, 41, 55, 105, 115	071578	79	072160	79
039655	9	071579	79	072161	113
040782	23	071585	119	072170	49
040868	19	071594	37	072175	71, 75
041291	41, 85	071595	37	072176	71, 75
041750	119	071596	47	072177	75
041774	65	071598	47	072181	89
041776	117	071601	47	072184	91
041777	51, 73, 85	071603	47	072186	71
042150	77	071606	47	072189	75
043097	23	071610	47	072197	3
050435	77	071611	47	072199	71
050621	93, 123	071648	37	072201	71
054147	73	071649	37	072205	71
054350	125	072024	105	072207	71
054388	109, 113	072029	105	072210	75
054409	29	072035	107, 127	072220	77
054479	111	072036	127	072230	75
055535	37	072037	105	072233	75
057507	23	072041	107	072239	65
058552	91	072044	105	072243	75
061452	93	072051	17	072247	65
064059	19	072052	7, 19, 23, 41, 65, 83, 105	072254	87
064112	91	072055	69	072256	87, 115
064189	21	072056	69	072257	115
064234	47, 91	072063	105	072261	113
064589	47	072064	105	072265	113
064590	73	072066	105	072271	33, 35
066035	11	072069	105	072272	33, 35
070125	23	072076	105	072277	35
071181	41	072077	107	072278	35
071398	7, 57	072099	79	072292	3
071504	79	072106	79	072314	91
071505	79	072107	79	072321	91
071511	31	072120	77	072325	91
071513	31	072124	77	072327	91
071514	25	072126	77	072328	91
071516	25	072129	51, 67	072333	89, 91
071551	77	072133	79	072336	89
071556	77	072140	79	072346	91
071559	91	072143	79	072347	93
071560	51	072146	67	072348	93
071561	67	072147	67	072349	49
071566	23	072149	67	072350	51
071567	23	072151	67	072354	67
				072357	51, 67

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
072358	51, 67	072580	73	073246	23
072362	67	072586	73	073248	23
072367	51, 67	072589	73	073250	23
072368	67	072599	107	073252	23
072369	51	072610	85	073308	19
072370	51	072620	7, 39, 73	073316	33, 35
072373	51	072624	73	073320	33, 35
072375	67	072625	29	073325	67
072378	67	072626	85	073326	67
072379	67	072628	91	073327	33, 35
072382	71	072629	91	073333	71
072383	71	072704	87	073338	33
072386	51	072712	81	073339	27
072388	51	072734	87	073373	73
072389	49	072748	81	073381	73
072392	45	072790	71, 75	073385	3
072394	45	072799	69	073394	3
072411	41	072826	113	073411	39
072412	67, 87	072838	111	073417	113
072413	67	072840	111	073443	35
072414	65	072852	113	073444	33
072415	45	072855	113	073445	35
072416	45, 61	072920	113	073446	33
072422	45, 81	072953	23	073459	93
072424	49	073004	27	073467	3
072426	65	073011	25	073468	3
072427	71	073012	25	073469	3
072429	65	073014	25	073472	3
072440	65	073029	37	073473	105
072442	43, 51, 65, 67, 81, 87	073037	31	073478	81
072471	73	073043	31	073482	31
072472	73	073048	29	073483	81
072482	71	073059	29	073486	81
072484	85	073078	41	073493	87
072488	71	073091	29	073494	87
072491	71	073094	29	073496	87
072504	73	073097	33, 35	073497	87
072511	51, 79	073098	33, 35	073498	87
072512	43, 73	073107	29, 47	073506	89
072531	65	073108	27	073507	81
072534	75	073116	27	073512	39
072544	73	073120	29	073524	47
072561	85	073123	29	073530	19
072569	107	073140	49	073532	19
072570	107	073152	27	073540	19
072574	107	073193	25	073542	19
072575	107	073234	27	073551	63
072576	73	073244	23	073661	111
072579	73	073245	23	073710	31

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
073712	79	076535	43	078527	53
073724	59	076544	59	078532	53
073894	31	076605	71	078533	53
073934	119	076607	107	078541	55
073937	89	076683	93	078542	55
073969	61	076684	93	078551	53
073970	59	076698	47	078552	55
074323	49	076702	47	078553	55
074324	49	076704	65	078554	55
074400	77	076709	65	078556	55
074652	3	076711	65	078608	59
074717	13, 17, 135	076727	29	078609	59
075405	115	076734	41	078611	59
075643	47	076755	43	078711	59
075644	47	076761	43	078712	59
075836	73	076762	43	078713	61
075886	3	076769	43	078714	43, 53
075887	3	076774	43	078715	61
075888	3	076821	19	078721	59
075890	3	076825	49	078730	59
075931	31	076856	55	078735	59
076026	25	076864	69	078741	59
076029	25	076869	17, 89	078742	59
076073	91	076887	3, 75	078744	59, 71
076083	53	076888	3	078745	47
076092	53	076889	3	078746	59
076093	53	076890	3	078750	59
076100	59	076893	3	078756	59
076109	43	076894	81	078908	43
076122	43	076898	17	078909	43
076126	43	077037	11	078955	45
076142	87, 115	077117	93	078960	45
076184	19	077236	93	079866	57
076189	25	077301	63	079905	31
076191	25	077459	29	079910	77
076193	25	077866	93	079912	29
076194	25	078301	77	080144	73
076195	59	078363	93	080153	71
076199	29	078364	93	080191	57
076218	31	078367	93	080192	91
076315	21	078368	93	080218	119
076386	37	078415	55	080263	25
076388	37	078424	77	080295	25
076389	37	078429	3	080297	27
076392	59	078466	127	080298	27
076397	43	078520	53, 59	080299	27
076399	37	078524	53	080317	27
076403	55	078525	53	080336	107
076481	33, 35	078526	53	080349	31

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
080378	89	081567	129	100529	95, 97
080396	83	081575	129	100554	67, 77
080402	83	081597	125	100576	31, 85
080404	83	081604	129	100579	3
080407	85	081607	107	100583	3
080408	85	081609	129	100646	57
080409	83	081623	121	100648	57
080410	85	081664	117	100657	17
080411	79	081762	119	100716	135
080433	31	081764	119	100731	123
080447	61	081789	125	100835	9
080448	63	081833	129	100863	39
080449	63	081836	121	100871	141
080452	63	082050	21	100891	51, 67
080473	31	083313	45	100960	123
080481	115	083316	57	100961	13, 17, 57, 135
080486	61	083392	109	100966	107
080496	61	083393	109	100969	37, 123, 137
080498	61	083394	109	100976	119
080504	19	083822	109	100997	97
080505	19, 21	084089	55	101005	93
080522	57	084092	75	101023	131
080524	21	084248	81	101033	35
080536	19	084289	49	101051	27, 63
080537	23	084291	49	101144	139
080539	19	084406	49, 69, 123	101145	5
080541	19	084407	47	101146	45
080564	119	084409	45	101151	95
080578	77	084412	25	101165	69, 127
080581	19	084413	25	101170	109
080583	19	084421	29	101203	109
080591	21	084422	29	101281	127
080599	21	084473	105	101331	57
080630	41	084484	43	101332	29
080634	41	087266	105	101333	89
080635	41	087496	27	101494	17
080694	25	087497	27	101611	81
080695	25	1-3665	53	101612	65
080698	25	100119	105	101689	135
080699	25	100141	45	101869	109
080715	45	100177	3	101913	103
080972	45	100185	57	101921	143
081107	123	100228	65	101938	123, 127, 131
081152	83	100388	93	101943	141
081515	141	100392	53	101944	137
081516	141	100398	93	101947	121
081527	121	100400	33, 35	101976	17
081528	121	100485	5	101983	15
081553	121, 129, 131, 137	100521	123	102029	57

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
102031	81	125, 135, 137		192323	51, 67
102111	117	150085	3, 13, 15, 17, 21, 23,	192766	27
102171	81	25, 27, 29, 35, 41, 47, 49, 51, 63,		192798	37
102282	113	65, 67, 69, 71, 73, 75, 81, 83,		192895	67
102307	73	87, 93, 105, 111, 133, 137		192896	67
102333	39	150087	105, 141	192900	27
102379	57	150088	91	192919	43
102431	27	150089	45, 49, 61, 85, 91	192997	43
102607	17	172850	139	193007	47
110114	65	172852	139	193323	63
111033	95, 97	172857	5	193392	61
111034	99	190103	23	193397	47
111035	75, 97	190110	71	193600	45
111036	69, 137	190116	69, 83	193601	49, 69, 123
111050	97	190118	23	193606	23
111051	39	190148	51	193647	109
111052	131, 137	190149	65, 71, 75	193774	29
111053	29, 57	190157	121	193808	69
111054	17, 59, 67, 117, 123,	190179	57	193810	111
125, 135, 137		190220	121	193823	9
111055	3, 31, 55, 57, 59, 81,	190236	53	193894	87
89, 91, 117, 137		190254	31	193917	35
111056	13, 65	190329	43, 73	194590	37
111057	53	190382	37	194678	59
111058	17, 129	190383	37	194679	59
111059	93	190387	25	194823	49
111060	137	190395	65	194835	107, 127
111068	23, 37	190398	113	194848	85
111069	111	190646	39	194868	73, 85
111070	15, 103	190699	143	194897	3
111071	69, 95, 133, 137	190731	13, 17, 57, 135	195088	7, 57
111073	13, 21, 25, 27, 55, 69,	190768	63	195197	115
73, 77, 105, 111, 115, 141		191034	47	195241	87
111074	25, 49, 77, 109	191289	31, 85	195296	69
111075	3	191308	79	195322	93
111076	27	191367	81	195327	3
111077	27	191384	21	195359	3, 65
111079	27	191427	49	195367	3
111087	117	191428	49	195385	31
111089	11, 21, 69, 85, 105	191473	115	195396	19
111091	141	191481	57	195401	131
111099	49	191500	5	195645	71
141573	63	191586	19	195721	45
149319	125	191808	43	195837	59
149385	107	191844	87	195930	35
150080	121	191934	47	196171	3
150081	69	191963	57	196221	57
150083	13, 29, 53, 55, 65, 71,	192142	3	196222	5
81, 83, 87, 89, 91, 105, 117, 121,		192202	73	196230	99

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
196244	7, 105	250273	99	402024	47
196246	7, 33, 35, 115	250356	99	402134	97
196247	7, 71	250493	87	402155	13
196248	7, 41, 55	252537	97	402196	39
196249	7, 47	253211	13, 15, 17, 135	402197	39
196264	39	253365	9	402293	111
196334	63	253474	101	402300	113
196386	117	253475	101	402400	113
196388	91	253543	97	402522	111
196390	141	253619	97	402529	97
196393	69	253857	95	402531	97
196397	123, 127, 131	253952	95	402754	13
196398	129	253953	101	402755	13, 135
196399	123	254211	95	402761	135
196402	129	254315	57	402764	69
196403	129	254475	13, 15, 57, 135	402766	137
196405	125	254500	97	402767	137
196410	121	254503	95	402768	135
196412	119	254507	95	402779	135
196424	65	254726	97	402786	13
196430	65	254728	95	402803	5
196443	131	254732	97	402810	5, 95
196444	131	400092	111	402812	5
196449	137	400093	109	402815	5, 97
196450	137	400545	5	402816	5, 95
196453	131	400578	127	402819	9
196454	137	400579	127	402825	95
196461	77	400584	105	402829	9
196470	11	400613	103	402830	101
196473	119	400641	103	402843	95
196475	25	400644	127	402844	109
196495	85	400646	25	402845	109
196633	57	400656	3	402846	101
196827	111	400657	3	402856	101
196999	105	400658	3	402857	101
197038	127	400902	141	402858	99
197041	25	400903	141	402859	99
197185	141	400975	57	402860	99
197318	17	400977	57	402861	99
197456	7, 47	400978	57	402862	99
197458	135	400979	57	402864	95
197472	27	400984	57	402865	95
211052	123	400991	51	402866	95
211054	49	401678	97	402870	101
250051	97	401920	9	402871	5
250085	93	401984	65	402871B	5
250098	99	401997	7, 57	402873	95
250203	99	402016	15	402874	5
250204	99	402020	15	402889	47

Parts Catalog

Part No.	Page No.	Part No.	Page No.	Part No.	Page No.
402890	141	403620	5, 95		
402890B	141	403620B	5		
402891	141	403621	9		
402891B	141	403622	9		
402900	125	403623	9		
402913	95	403624	5		
402914	143	403630	105		
402915	133	403631	57		
402916	133	403632	127		
402917	133	403634	107		
402918	133	403640	103		
402919	133	403642	13		
402941	5	403646	15		
402941B	5	403647	15		
402947	5	403648	135		
402947B	5	403650	135		
402955	125	403651	135		
402959	5	403653	135		
402960	5	403655	135		
402961	5	403656	135		
402962	139	403658	17		
402963	5	403662	39, 49		
402964	5	403669	29		
402965	5	403670	29		
402966	5, 139	403672	29		
402978	5	831018	139		
402978B	5				
402980	139				
402980B	139				
402981	139				
402981B	139				
403045	17				
403055	141				
403091	113				
403092	111				
403106	27				
403107	29				
403108	33				
403109	35				
403214	81				
403292	57				
403293	57				
403294	57				
403475	141				
403476	5				
403477	5				
403610	103				
403615	5				
403616	5				

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

