

3000

Parts Catalog

(Serial #226 and Above)

ABDICK.



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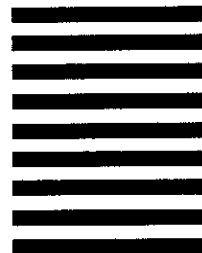


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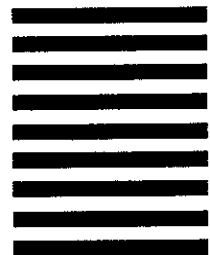


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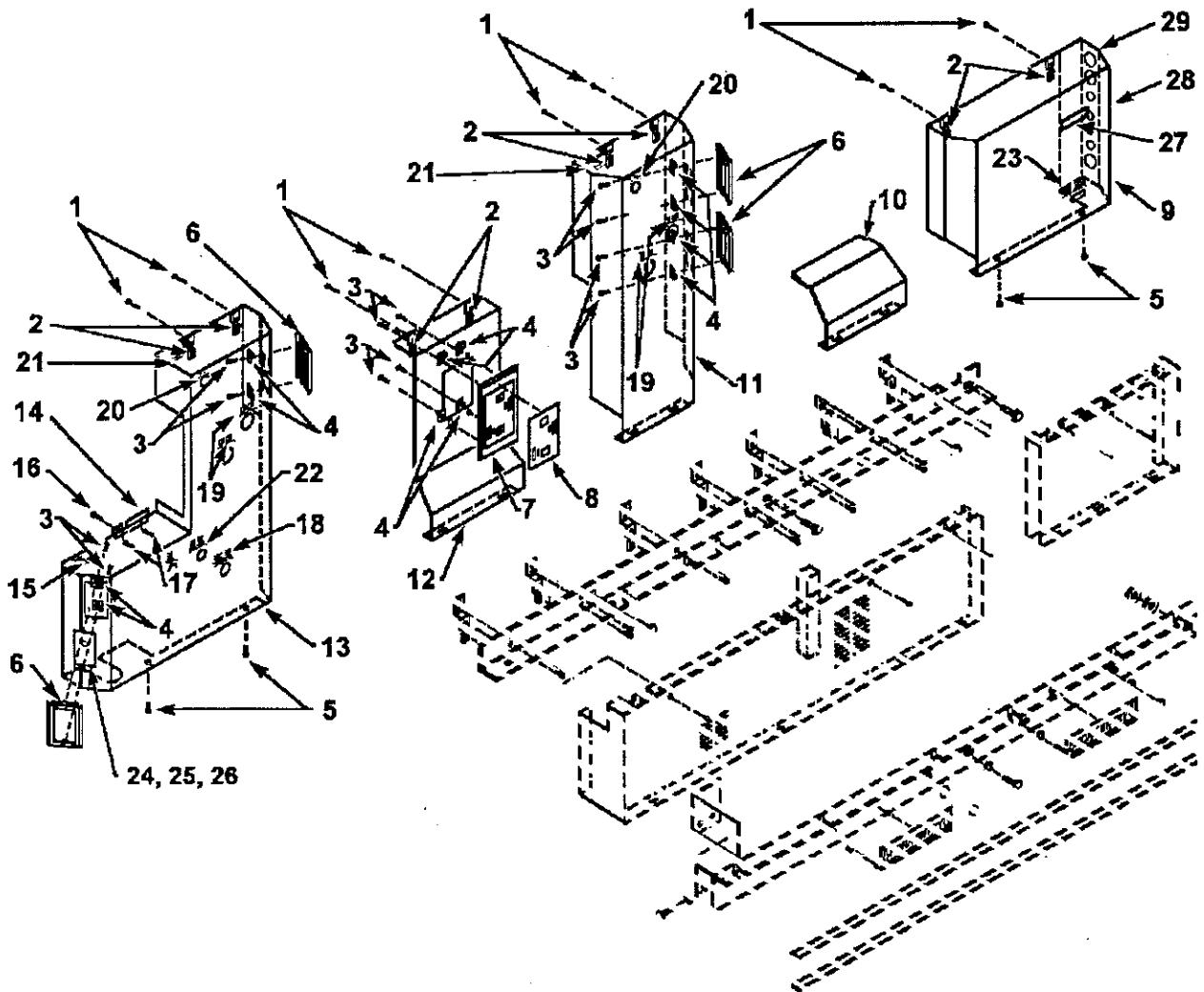
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Covers and Safety Guards

COVERS AND SAFETY GUARDS

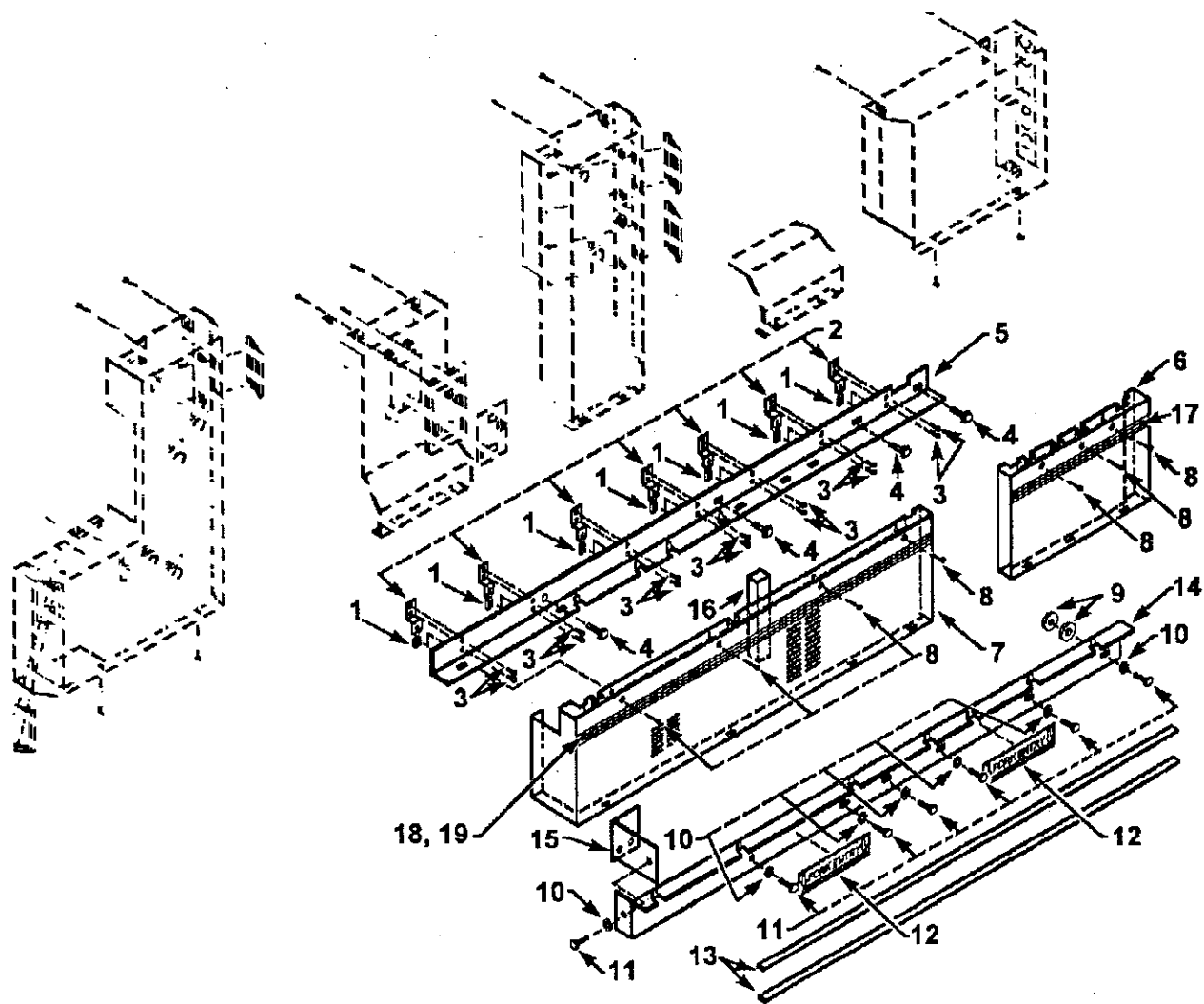


COVERS AND SAFETY GUARDS

OS COVERS -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	102165	SCREW -- thread forming, #10-12, 1 1/4"	8
2	101144	SPEED NUT -- #10	8
3	014295	SCREW -- pan with star washer, 6-32 x 3/8"	12
4	173127	RETAINER	12
5	001649	SCREW -- pan with star washer, 10-32 x 1/2"	4
6	172908	BEZEL -- plastic frame	4
7	180168	BEZEL -- plastic frame	1
8	180996	BEZEL DECAL	1
9	173053	COVER -- feeder	1
10	173043	PANEL -- feeder insert	1
11	173056	COVER -- tower one	1
12	173059	COVER -- insert	1
13	173058	COVER -- tower two	1
14	173064	FILLER BRACKET -- chain delivery	1
15	172851	DECAL -- lowering speed control	1
16	001575	SCREW -- pan, 10-32 x 5/16"	1
17	102157	SCREW -- button head, 10-32 x 3/8"	2
18	172850	DECAL -- back jogger adjustment	1
19	172854	DECAL -- lateral adjustment	2
20	172862	DECAL -- ink control	2
21	172853	DECAL -- fountain sweep	2
22	172852	DECAL -- quick release	1
23	172857	DECAL -- lateral paper adjustment	1
24	178373	DECAL -- powder spray (double knob)	1
25	173257	DECAL -- powder spray (single knob)	1
26	178374	DECAL -- powder spray and infrared	1
27	400757	DECAL -- A.B.Dick	1
28	172861	DECAL -- pull guide vacuum	1
29	172860	DECAL -- air and vacuum direction	1

COVERS AND SAFETY GUARDS

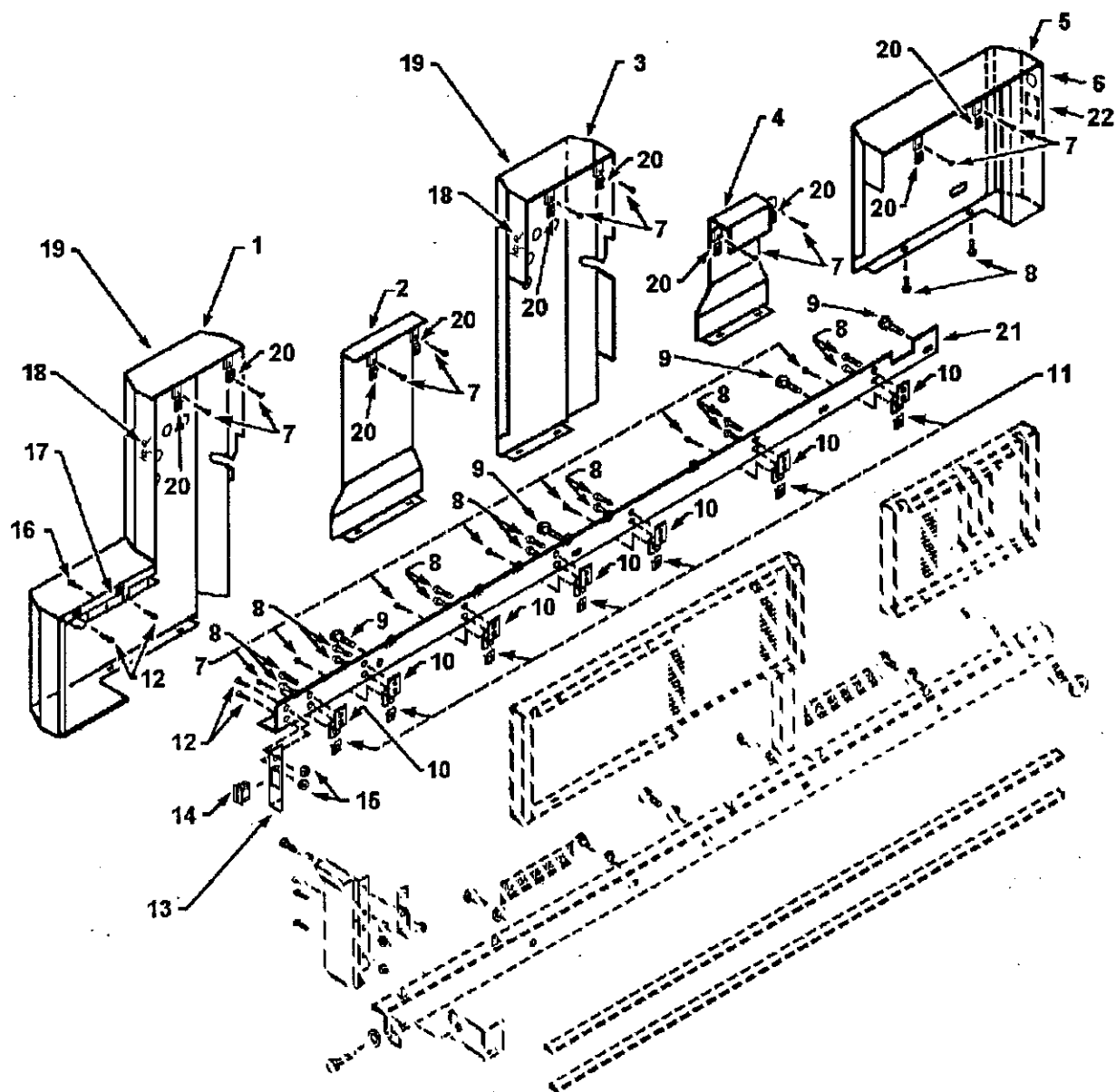


COVERS AND SAFETY GUARDS

OS COVERS -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173082	SPEED NUT	7
2	173081	BRACKET	7
3	001575	SCREW -- pan head, 10-32 x 5/16"	14
4	014183	SCREW -- hex with star washer, 5/16-18 x 5/8", for upper rail	4
5	173061	UPPER RAIL	1
6	173069	COVER -- base feeder	1
7	173071	COVER -- base delivery	1
8	102165	SCREW -- thread forming	7
9	193338	WASHER -- plain, .260 i.d., 1.500 o.d., .120, for lower rail	2
10	005071	WASHER -- plain, .253 i.d., .500 o.d., .060	7
11	021013	SCREW -- 1/4-28 x 5/8", for lower rail	7
12	173372	DECAL -- fork lift	2
13	173083	GASKET -- foam rail	2
14	173073	LOWER RAIL	1
15	173079	BRACKET -- mounting	1
16	173150	CUSHION	1
17	172941	DECAL -- base feeder cover	1
18	172940	DECAL -- base delivery cover (Century)	1
19	173324	DECAL -- base delivery cover (Ruby)	1

COVERS AND SAFETY GUARDS

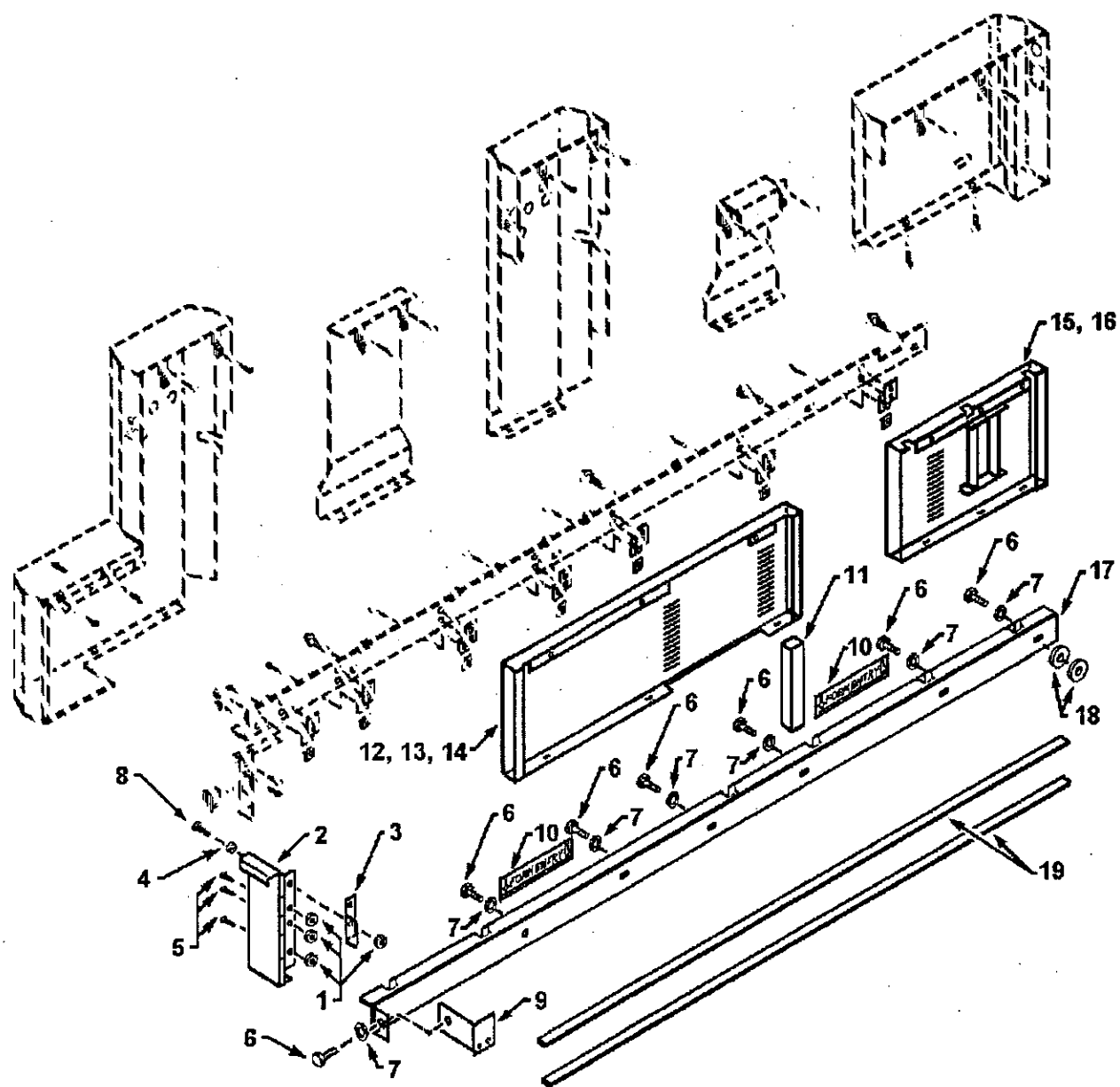


COVERS AND SAFETY GUARDS

NOS COVERS -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173055	COVER -- tower two	1
2	173060	COVER -- insert	1
3	173057	COVER -- tower one	1
4	173044	PANEL -- feeder insert	1
5	173054	COVER -- feeder	1
6	172849	DECAL -- master power	1
7	102165	SCREW -- thread forming, 10-12 x 1 1/4"	17
8	001649	SCREW -- pan head with star washer, 10-32 x 1/2"	16
9	014183	SCREW -- with star washer, 5/16-18 x 5/8", for upper rail	4
10	173081	BRACKET	7
11	173082	SPEED NUT	7
12	102157	SCREW -- button head, 10-32 x 3/8"	4
13	173078	BRACKET -- magnet	1
14	101548	CATCH -- magnetic	1
15	014808	NUT -- 10-32	2
16	001575	SCREW -- pan, 10-32 x 5/16"	1
17	173063	FILLER -- delivery	1
18	172856	DECAL -- ink roller cleanup	2
19	172855	DECAL -- night latch	2
20	101144	SPEED NUT -- #10	10
21	173062	UPPER RAIL	1
22	172859	DECAL -- on/1	1

COVERS AND SAFETY GUARDS

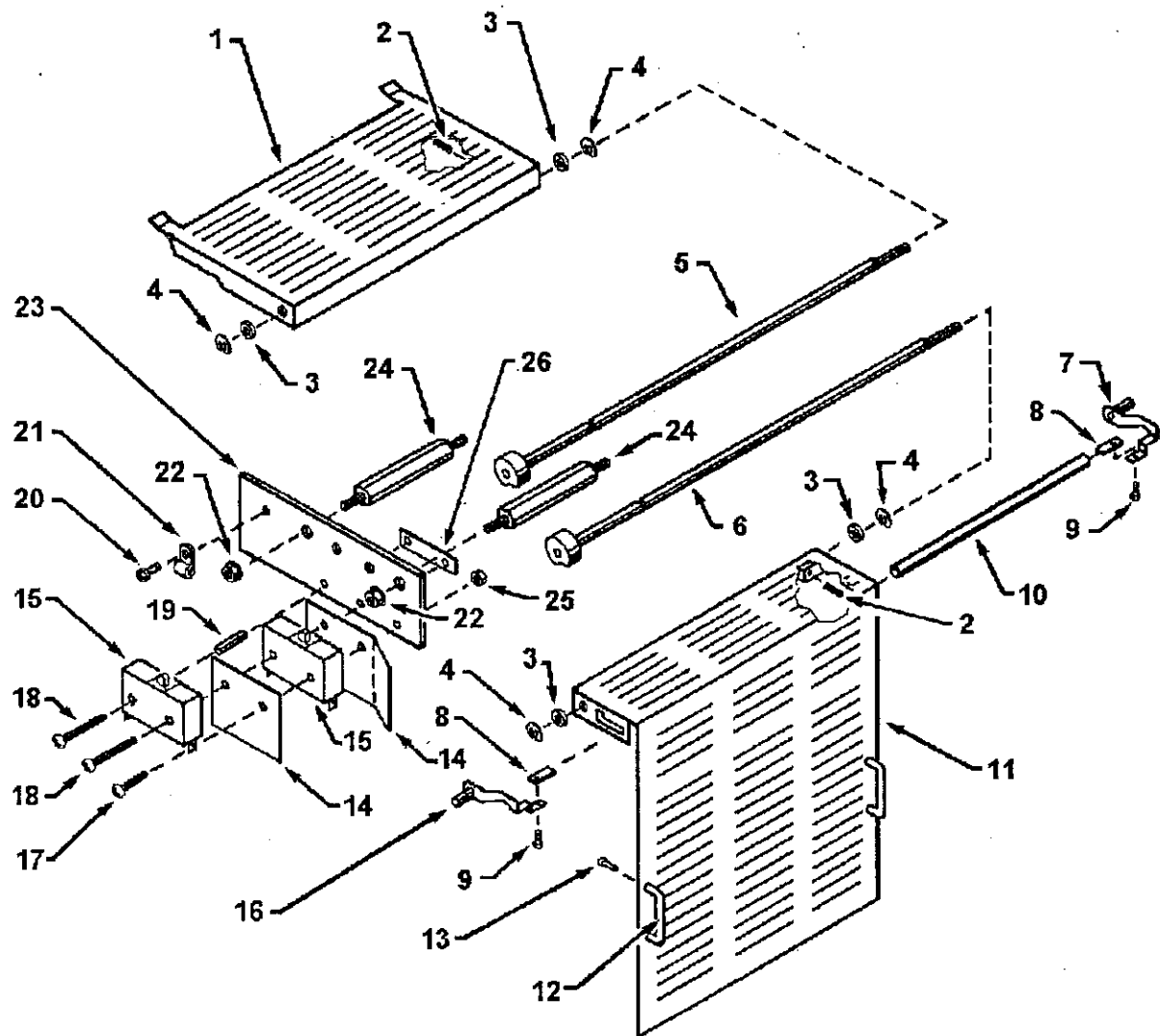


COVERS AND SAFETY GUARDS

NOS COVERS -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	150083	NUT -- 8-32	4
2	173066	DOOR AND HINGE	1
3	173506	STOP -- door	1
4	197195	WASHER -- .257 i.d., .500 o.d., .125	1
5	102157	SCREW -- button head, 10-32 x 3/8"	3
6	021013	SCREW -- 1/4-28 x 5/8", for lower rail	7
7	005071	WASHER -- plain, .253 i.d., .500 o.d., .060	7
8	111057	SCREW -- 10-32 x 3/4"	1
9	173080	BRACKET -- mounting	1
10	173372	DECAL -- fork lift	2
11	173150	CUSHION	1
12	173072	COVER -- base delivery	1
13	172863	DECAL -- base delivery (Century)	1
14	173323	DECAL -- base delivery (Ruby)	1
15	173070	COVER -- base feeder	1
16	172943	DECAL -- base feeder	1
17	173074	LOWER RAIL	1
18	193338	WASHER -- plain, .260 i.d., 1.500 o.d., .120, for lower rail	2
19	173083	GASKET -- foam rail	2

COVERS AND SAFETY GUARDS

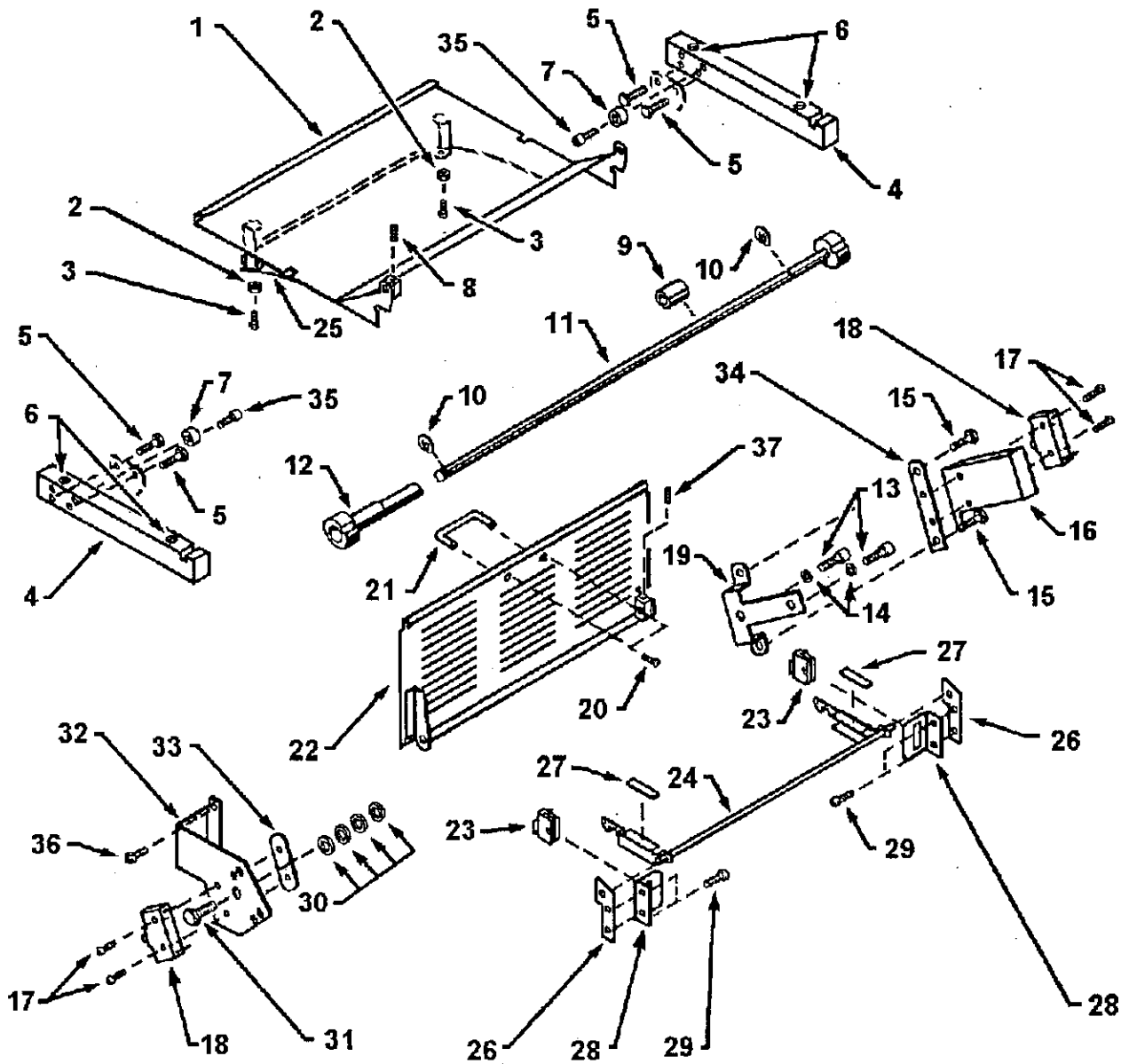


COVERS AND SAFETY GUARDS

INK AND DAMPENER SAFETY GUARDS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180293	GUARD -- ink	1
2	014108	SCREW -- set, 10-32 x 3/8"	2
3	197195	WASHER -- .257 i.d., .500 o.d.	4
4	001097	RETAINING RING -- 7-32	4
5	180180	SHAFT ASSEMBLY -- ink guard	1
6	180185	SHAFT ASSEMBLY -- dampener	1
7	180870	STRUT ASSEMBLY -- nos	1
8	180589	TUBE CONNECTOR	2
9	001681	SCREW -- 6-32 x 1/4"	2
10	180588	TUBE	1
11	180788	GUARD -- tower one dampener	1
12	180188	HANDLE	2
13	001649	SCREW -- 10-32 x 1/2"	2
14	010342	INSULATOR	2
15	253822	SWITCH	2
16	178283	STRUT ASSEMBLY -- os	1
17	102301	SCREW -- hex, 6-32 x 7/8"	1
18	101979	SCREW -- hex, 6-32 x 1 5/8"	2
19	180177	SPACER	1
20	001220	SCREW -- 10-32 x 3/8"	1
21	250356	CLAMP	1
22	150089	NUT -- 3/8"-24	2
23	180175	BRACKET -- switch	1
24	180176	STANDOFF	2
25	014812	NUT -- 6-32	1
26	190731	PLATE -- nut, 6-32	1
27	180554	GUARD -- tower two dampener (not illustrated)	1

COVERS AND SAFETY GUARDS

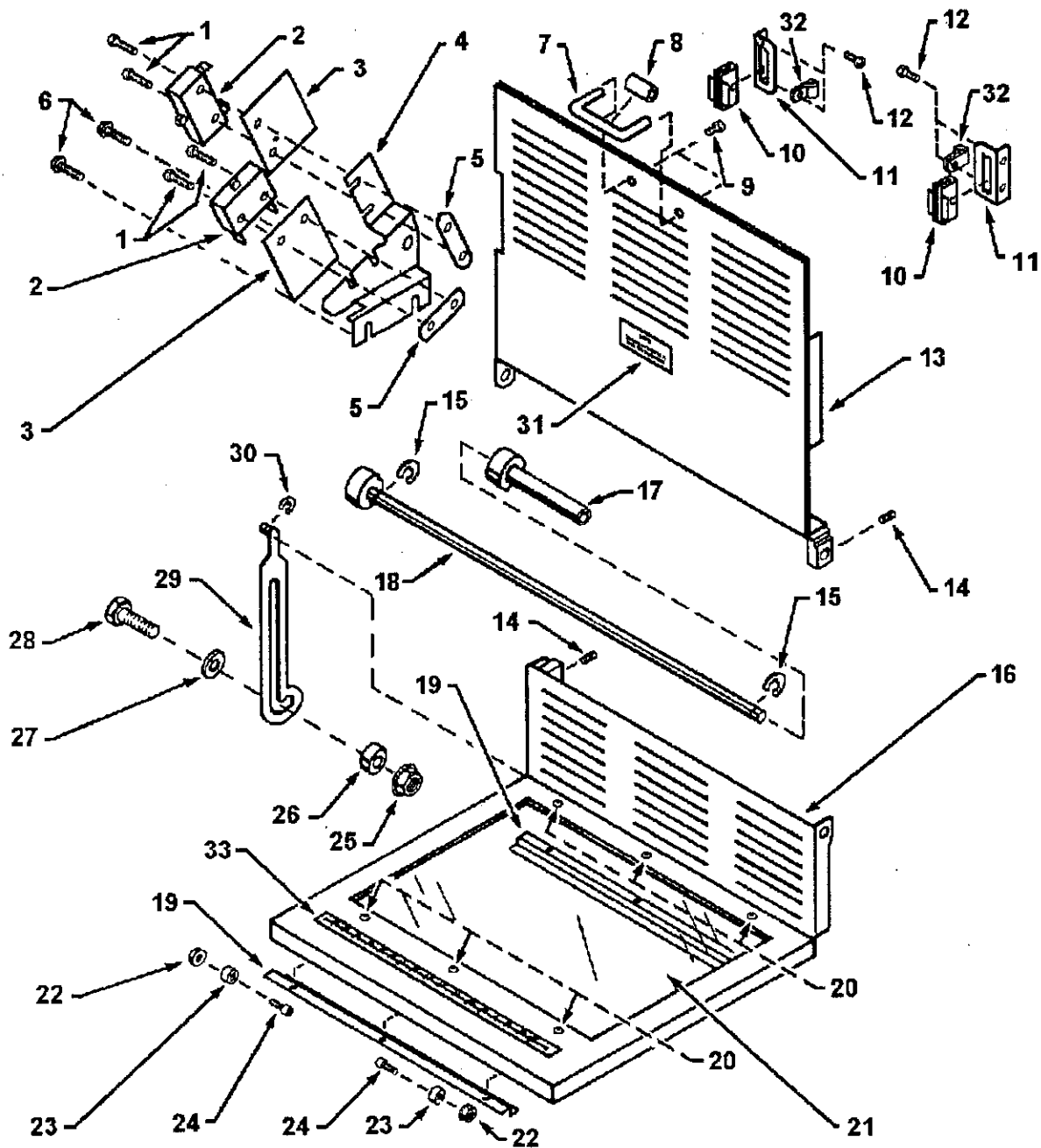


COVERS AND SAFETY GUARDS

IMPRESSION AND TOWER ONE SAFETY GUARDS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173017	GUARD -- impression	1
2	100716	NUT -- locking, 6-32	2
3	001568	SCREW -- Phillips, 6-32 x 3/8"	2
4	172937	EXTENSION -- frame	2
5	111057	SCREW -- hex washer, 10-32 x 3/4"	4
6	102040	SCREW -- Allen cap, 1/4-20 x 1 1/4"	4
7	196988	BUMPER	2
8	001650	SCREW -- set, 10-32 x 3/16"	1
9	173151	SPACER	1
10	001097	RETAINING RING	2
11	180544	SHAFT	1
12	180542	SLEEVE	1
13	014157	SCREW -- Allen cap, 1/4-28 x 1 1/4"	2
14	001731	WASHER -- split, .250 i.d., .485 o.d., .050	2
15	014164	SCREW -- Allen cap, 8-32 x 7/16"	2
16	173302	SWITCH COVER	1
17	102301	SCREW -- hex, 6-32 x 7/8"	4
18	253822	SWITCH	2
19	173300	BRACKET -- nos	1
20	001649	SCREW -- pan with star washer, 10-32 x 1/2"	2
21	180188	HANDLE	1
22	180926	GUARD -- tower one roller	1
23	101548	MAGNET	2
24	178199	LATCH ASSEMBLY	1
25	173016	ANTI-SCUFF SEGMENT	1
26	180873	BRACKET	2
27	178177	MAGNET STRIP	2
28	178355	BRACKET -- magnet	2
29	001555	SCREW -- Phillips, 10-32 x 1/2"	4
30	191384	WASHER -- flat, .255 i.d., 3/4" o.d., 1/16"	4
31	111073	SCREW -- hex, 1/4-28 x 5/8"	1
32	173299	BRACKET -- os	1
33	190731	PLATE -- nut, 6-32	1
34	173301	SWITCH PLATE	1
35	014175	SCREW -- Allen cap, 10-32 x 7/8"	2
36	111051	SCREW -- hex with washer, 10-32 x 5/16"	2
37	014108	SCREW -- set, 10-32 x 3/8"	1

COVERS AND SAFETY GUARDS



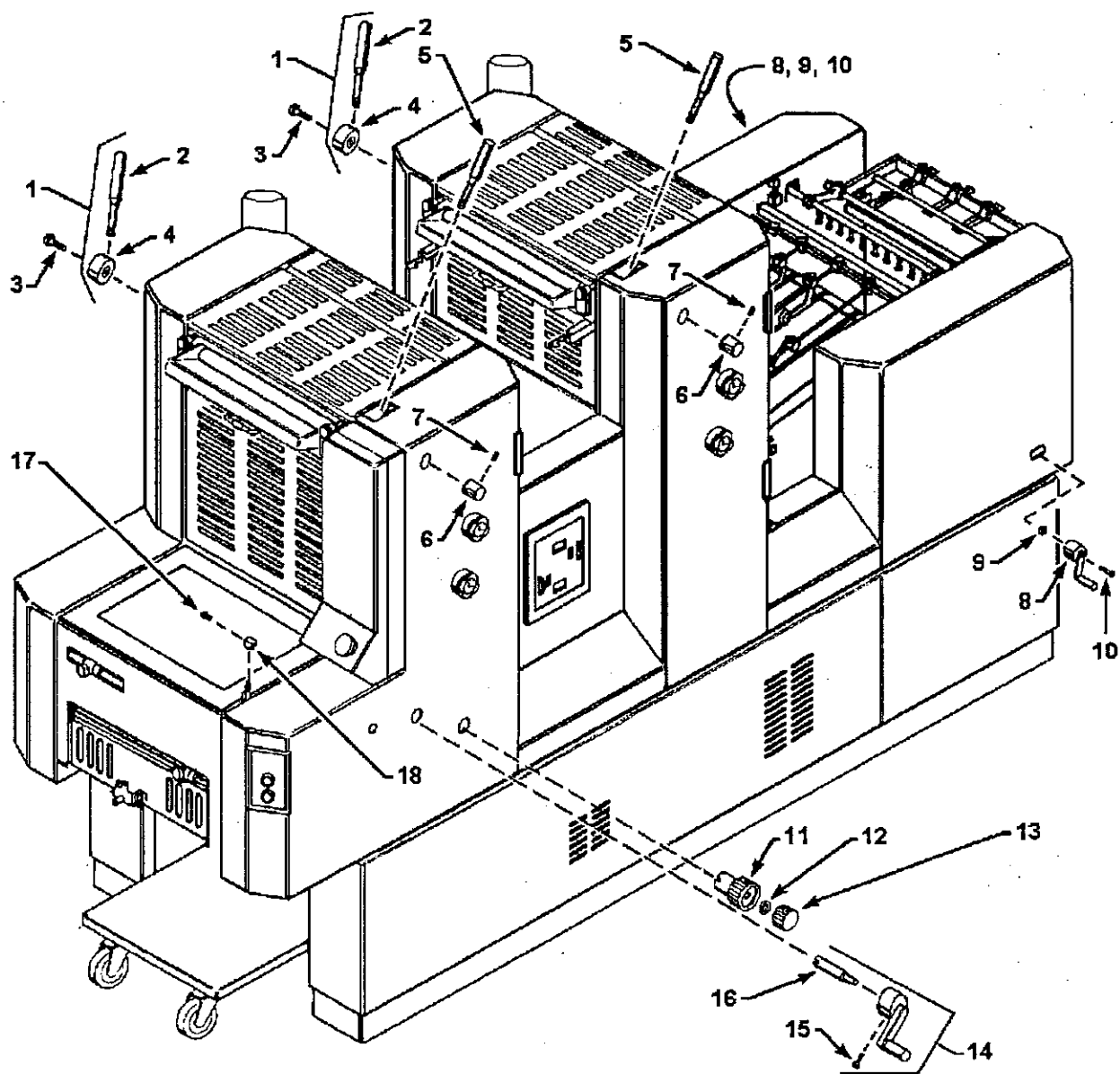
COVERS AND SAFETY GUARDS

CHAIN DELIVERY SAFETY GUARDS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	102301	SCREW -- hex, 6-32 x 7/8"	4
2	253822	SWITCH	2
3	010342	INSULATOR	2
4	173178	BRACKET -- switch	1
5	190731	PLATE -- nut, 6-32	2
6	111073	SCREW -- hex washer head, 1/4-28 x 5/8"	2
7	180188	HANDLE	1
8	172102	RUBBER TUBE	1
9	001649	SCREW -- pan with star washer, 10-32 x 1/2"	2
10	101548	MAGNET	2
11	178355	BRACKET -- magnet	2
12	001555	SCREW -- Phillips, 10-32 x 1/2"	4
13	180127	GUARD -- tower two	1
14	014108	SCREW -- set, 10-32 x 3/8"	2
15	001097	RETAINING RING -- .186 i.d. x .027	2
16	172406	GUARD -- delivery	1
17	180162	SLEEVE ASSEMBLY	1
18	180160	SHAFT ASSEMBLY	1
19	180139	CHANNEL -- window	2
20	102157	SCREW -- button head, 10-32 x 3/8"	6
21	180128	WINDOW -- delivery guard	1
22	150081	LOCKNUT -- 8-32	2
23	196988	BUMPER	2
24	101193	SCREW -- cap, 8-32 x 5/8"	2
25	150083	LOCKNUT -- flange, 10-32	1
26	074399	SPACER	1
27	191797	WASHER -- plain, .265 i.d., 5/8" o.d.	1
28	172811	SCREW -- shoulder, 10-32	1
29	172809	STRUT ASSEMBLY	1
30	001778	RETAINING RING -- .214 i.d. x .027	1
31	072258	LABEL	1
32	180490	TUBING CLIP	2
33	173032	LABEL -- scale	1

Cranks/Handles/Knobs

CRANKS/HANDLES/KNOBS



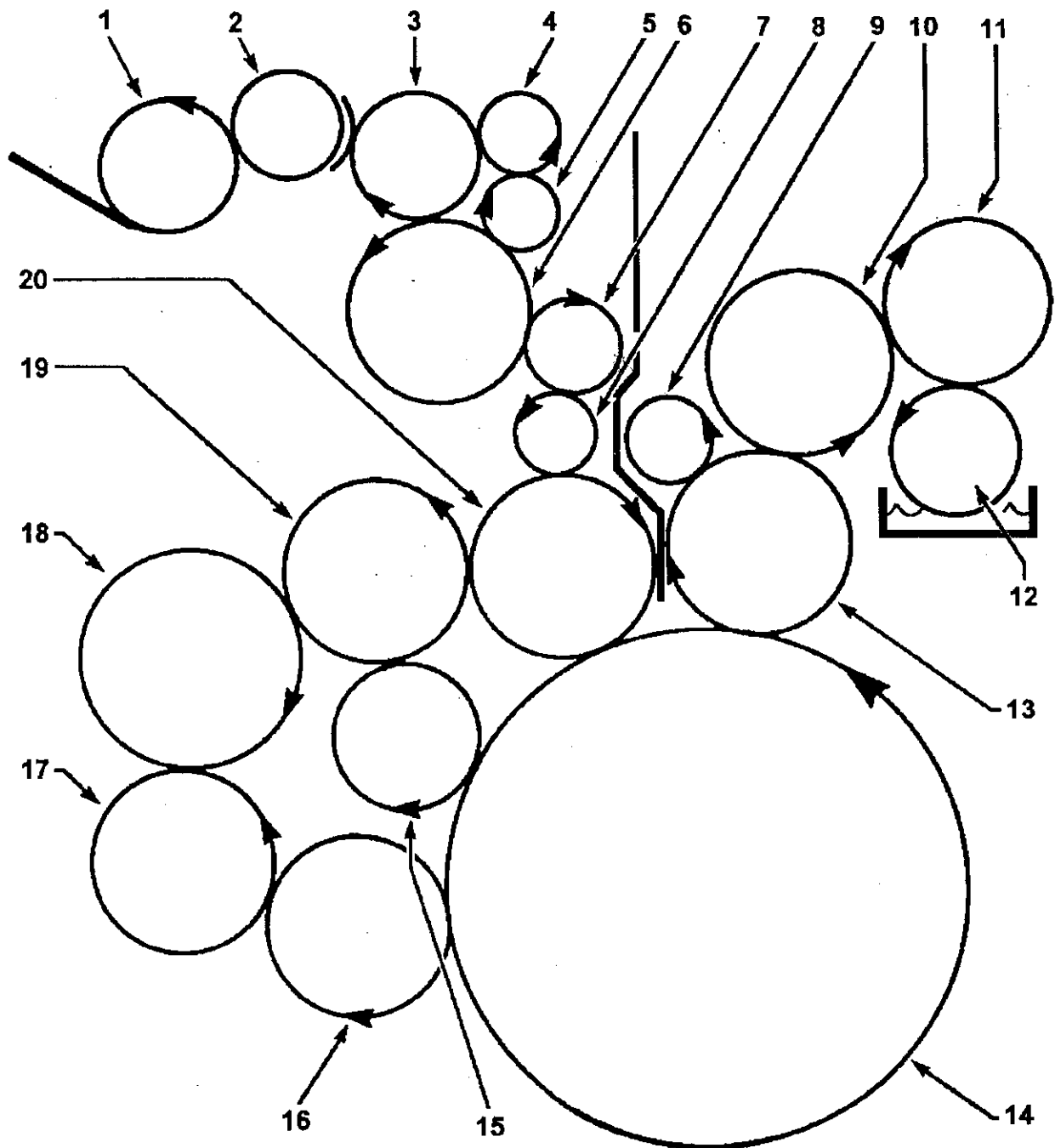
CRANKS/HANDLES/KNOBS

CRANKS, HANDLES, AND KNOBS

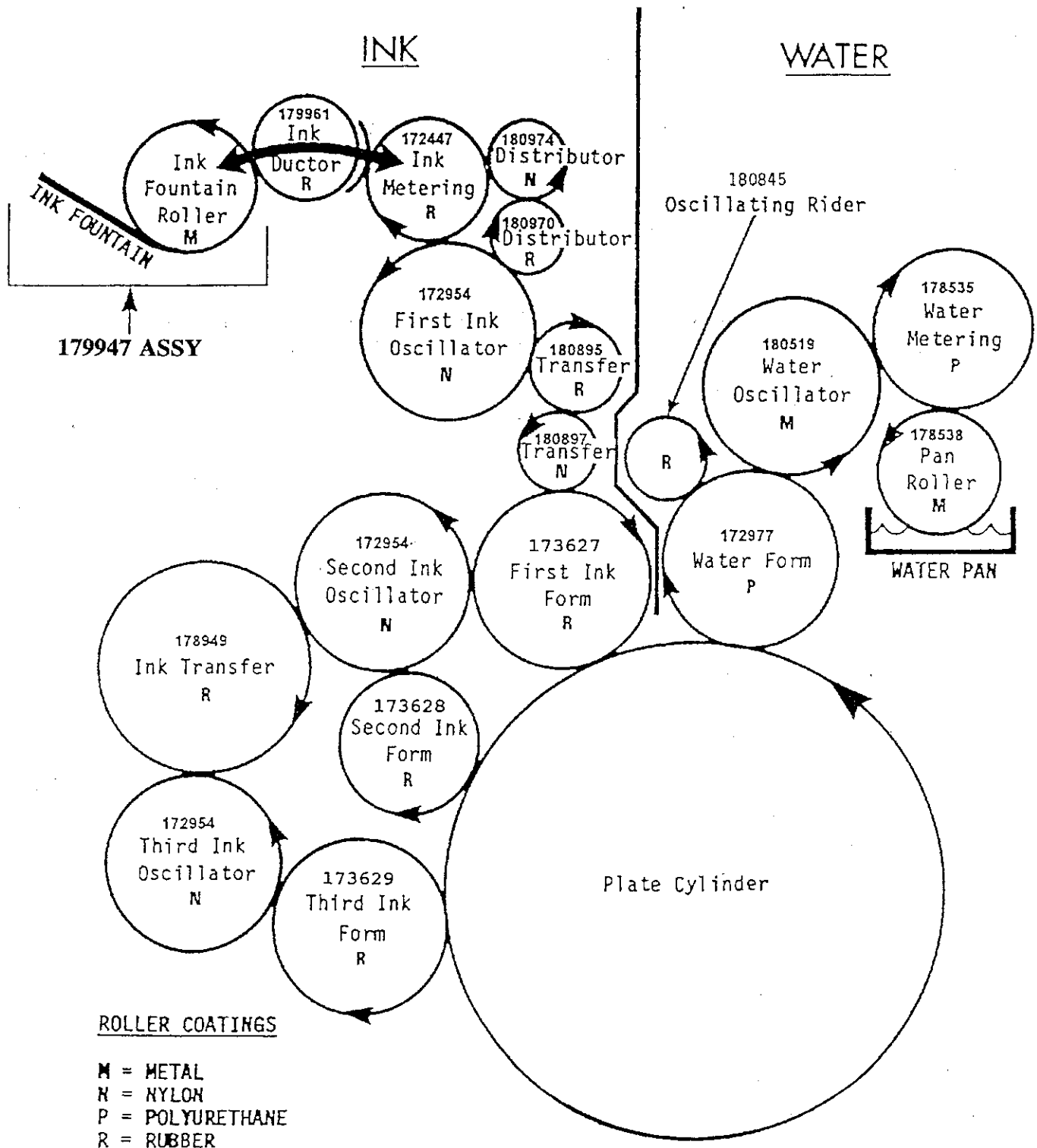
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180703	HANDLE ASSEMBLY	2
2	178368	HANDLE -- night latch	2
3	056530	SCREW -- special	2
4	180697	HUB -- hand lever	2
5	173210	HANDLE -- ratchet	2
6	197107	KNOB	2
7	014108	SCREW -- set, 10-32 x 3/8"	2
8	017595	CRANK -- arm	2
9	039642	RING -- plastic	2
10	196244	SCREW -- 10-32 x 3/8"	2
11	017582	KNOB -- gear adjustment	1
12	016574	WASHER -- .315 i.d., .687 o.d., .047	1
13	016933	KNOB	1
14	172630	CRANK -- chain delivery	1
15	196906	SCREW -- dowel	1
16	179573	EXTENSION -- crank shaft	1
17	001552	SCREW -- Phillips, 8-32 x 3/8"	1
18	016921	KNOB	1

Towers

TOWERS

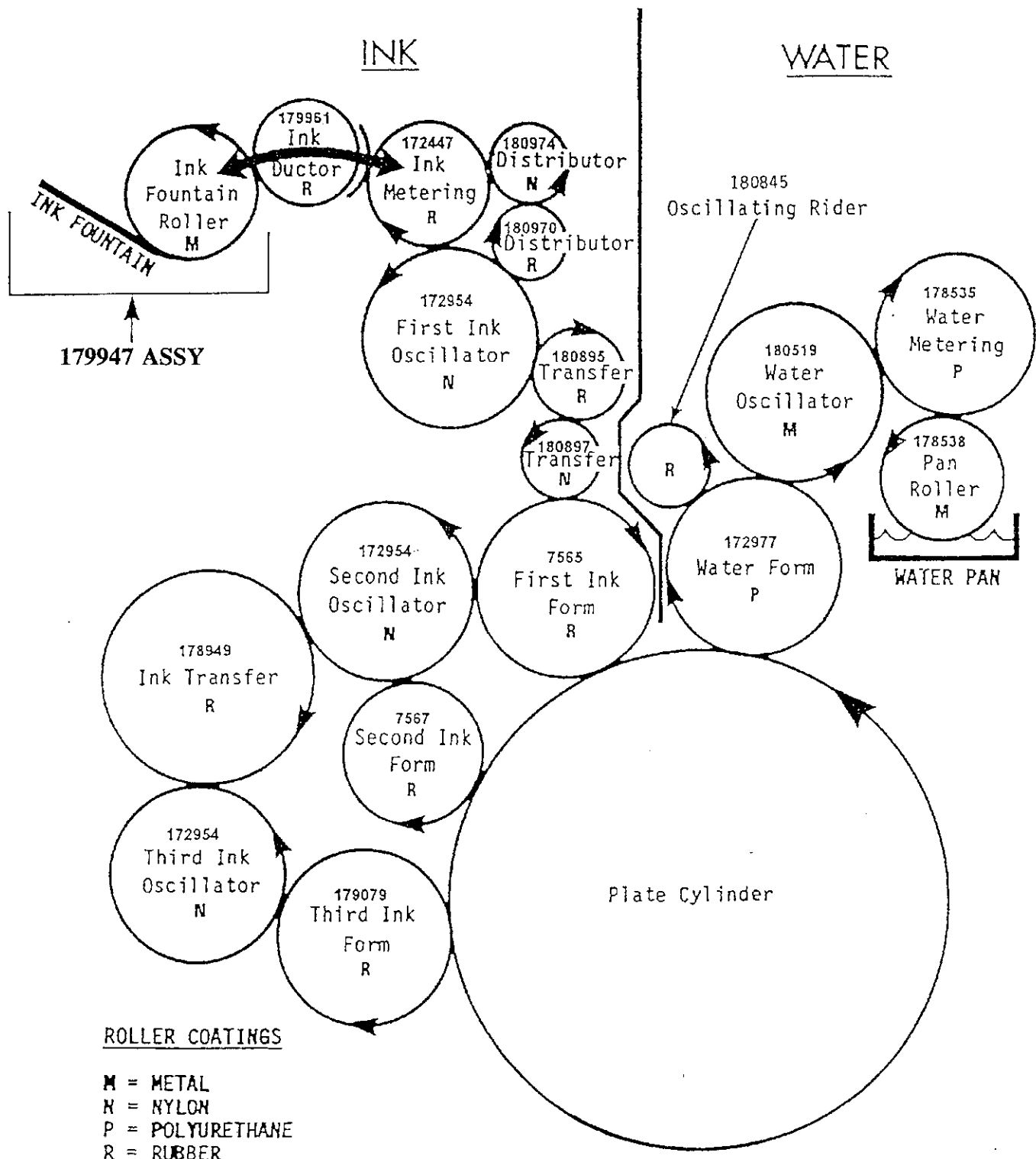


C-3000 ROLLER CONFIGURATION



2-Strip

C-3000 ROLLER CONFIGURATION

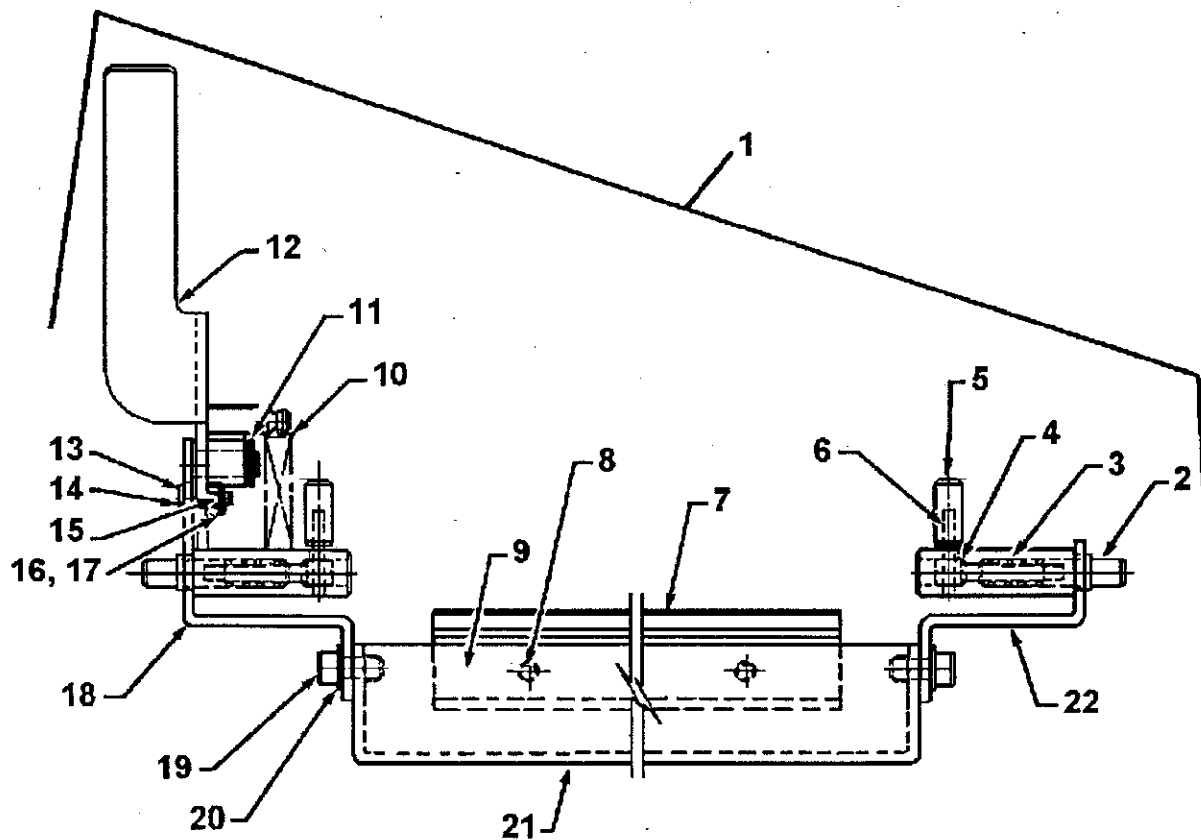


A-SERIES

ROLLER CONFIGURATION

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179947	INK FOUNTAIN AND BLADE -- metal	1
2	179961	INK DUCTOR -- rubber	1
3	172447	INK DISTRIBUTOR -- rubber	1
4	180974	RIDER -- nylon	1
5	180970	RIDER -- rubber	1
6	172954	FIRST INK OSCILLATING -- nylon	1
7	180895	TRANSFER -- rubber	1
8	180897	TRANSFER -- nylon	1
9	180844	OSCILLATING RIDER -- nylon	1
10	180519	WATER OSCILLATING -- metal	1
11	178535	WATER METERING -- polyurethane	1
12	178538	PAN -- metal	1
13	173772	WATER FORM -- polyurethane	1
14	172522	PLATE CYLINDER -- tower one	1
14	172520	PLATE CYLINDER -- tower two	1
15	173628	SECOND INK FORM -- rubber	1
16	173629	THIRD INK FORM -- rubber	1
17	172954	THIRD INK OSCILLATING -- nylon	1
18	178949	INK TRANSFER -- rubber	1
19	172954	SECOND INK OSCILLATING -- nylon	1
20	173627	FIRST INK FORM -- rubber	1

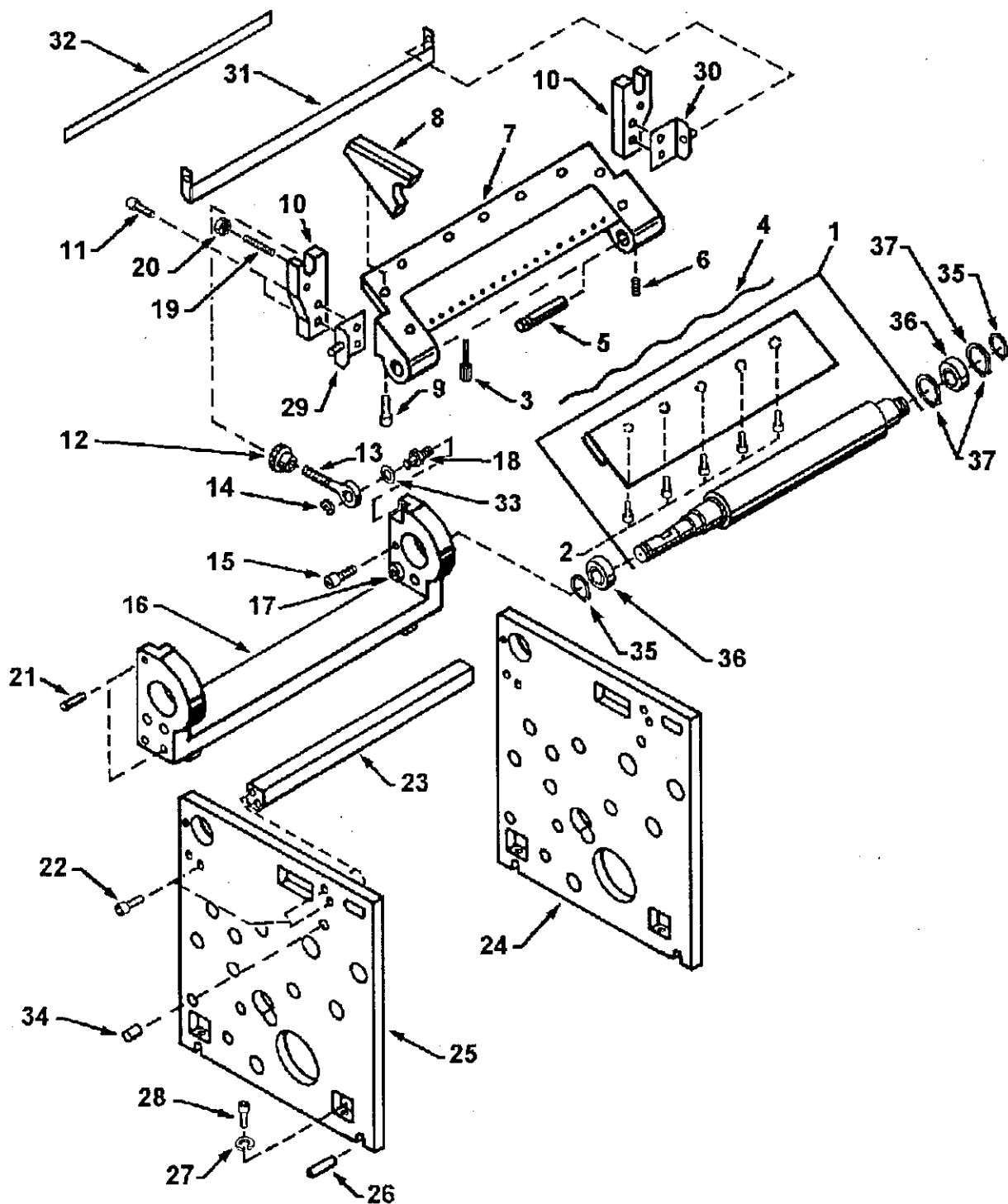
TOWERS



ROLLER CLEANUP ATTACHMENT

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180850	ROLLER CLEANUP ASSEMBLY	1
2	173550	PIN -- slide	2
3	197366	SPRING -- compression, .219 o.d. x .750 o.a.l. x .020	2
4	173549	ROD -- plunger	2
5	180868	KNOB -- plunger pin	2
6	042150	ROLL PIN -- 103 o.d. x .765 o.a.l.	2
7	180858	BLADE -- cleanup	1
8	001220	SCREWS -- pan head, Phillips, 10-32 x 3/8"	7
9	180859	BLADE -- support bar	1
10	016783	SPRING -- .250 o.d. x 1.25 o.a.l. x .035	1
11	001060	RETAINING RING -- .208 i.d.	1
12	180862	ACTUATING LEVER ASSEMBLY	1
13	180853	PIN -- pivot	1
14	197371	ROLLER -- truck	2
15	197372	SLEEVE -- roller	1
16	006801	WASHER -- .149 i.d., .281 o.d., .031	1
17	014514	"E" RING -- .094 i.d. x .270 o.d. x .017	1
18	180856	MOUNTING BRACKET ASSEMBLY -- nos	1
19	014215	SCREW -- Allen cap, 10-32 x 3/8"	4
20	021861	WASHER -- .196 i.d., .437 o.d., .048	4
21	180851	INK CLEANUP HOUSING ASSEMBLY	1
22	180854	MOUNTING BRACKET ASSEMBLY -- os	1

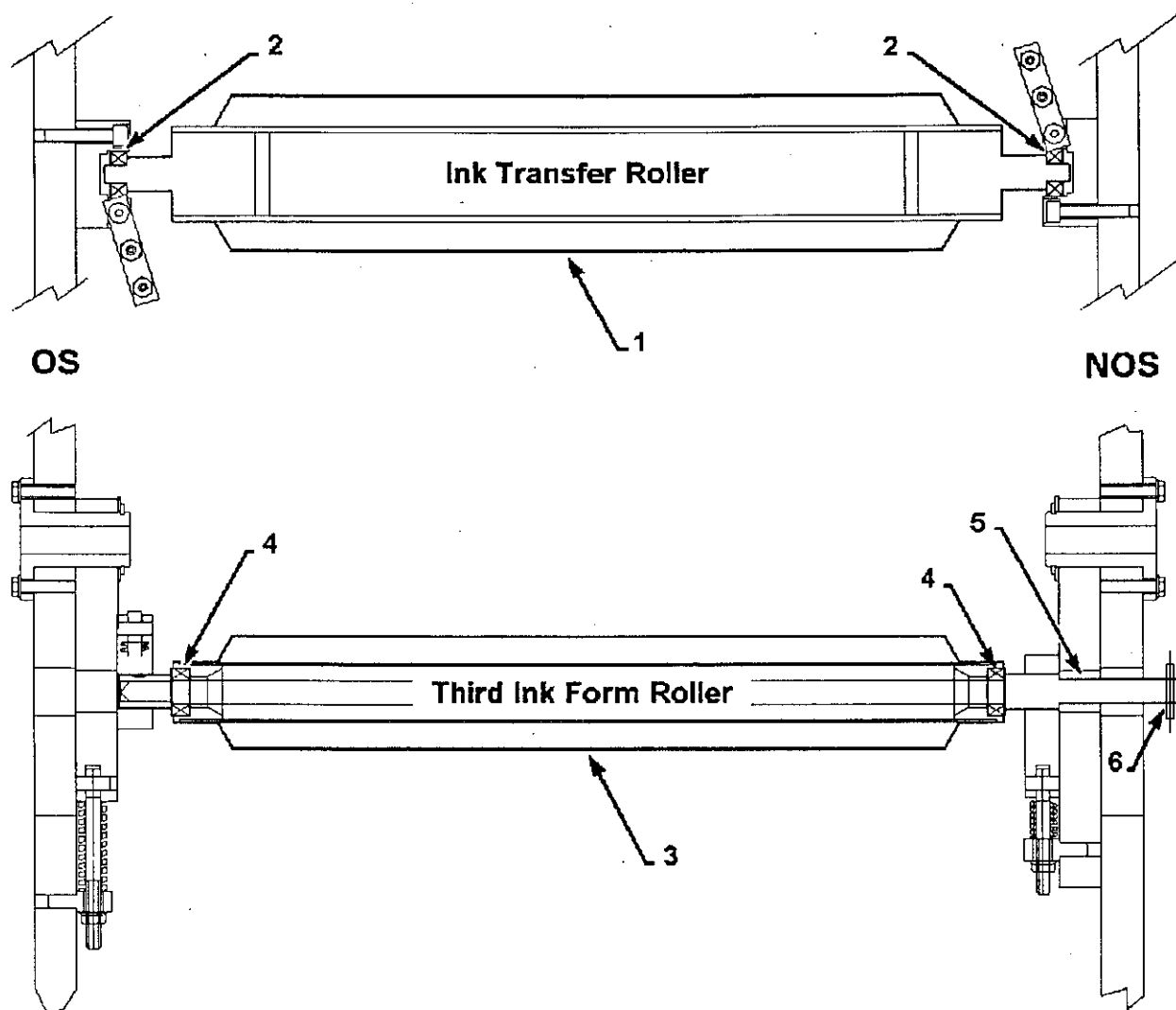
TOWERS



INK FOUNTAIN ROLLER ASSEMBLY

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	179947	INK BLADE AND SHAFT ASSEMBLY	1
2	014158	SCREW -- socket head, 10-32 x 1/2"	5
3	179974	SCREW -- ink control	17
4	173365	SPRING -- screw tension	1
5	178461	PIN -- pivot	2
6	001573	SCREW -- set, 1/4-28 x 5/16"	2
7	179945	PAN -- ink	1
8	179963	PLATE -- ink pan head, os	1
8	179962	PLATE -- ink pan head, nos (not illustrated)	1
9	014162	SCREW -- socket head, 1/4-28 x 1/2"	4
10	172389	BLOCK -- ink pan lock	2
11	014165	SCREW -- socket head, 1/4-28 x 1"	4
12	179983	NUT -- knurled	2
13	197208	BOLT -- eye	2
14	001047	SNAP RING	2
15	102283	SCREW -- socket head, 5/16-18 x 1 1/2"	2
16	180561	INK FOUNTAIN TIE BAR ASSEMBLY	1
17	197018	BUSHING	2
18	173678	PIN -- eye bolt	2
19	014115	SCREW -- set, 1/4-28 x 1 1/8"	2
20	150050	NUT -- 1/4-28	2
21	197021	PIN -- dowel	4
22	102106	SCREW -- socket head, 3/8-24 x 1 1/2"	6
23	179411	BRACE -- ink head	1
24		FRAME -- ink head, nos (illustrated for reference only)	
25		FRAME -- ink head, os (illustrated for reference only)	
26	197161	PIN -- dowel	4
27	001763	WASHER -- lock, .385 i.d., .673 o.d.	4
28	102047	SCREW -- socket head, 3/8-24 x 1 1/4"	4
29	178194	OS BRACKET ASSEMBLY	1
30	178195	NOS BRACKET ASSEMBLY	1
31	178191	GUARD	1
32	172969	DECAL -- scale	1
33	001772	WASHER -- friction	2
34	102026	BEARING SLEEVE	2
35	001786	RETAINING RING	2
36	078520	BALL BEARING	2
37	102096	RETAINING RING	2

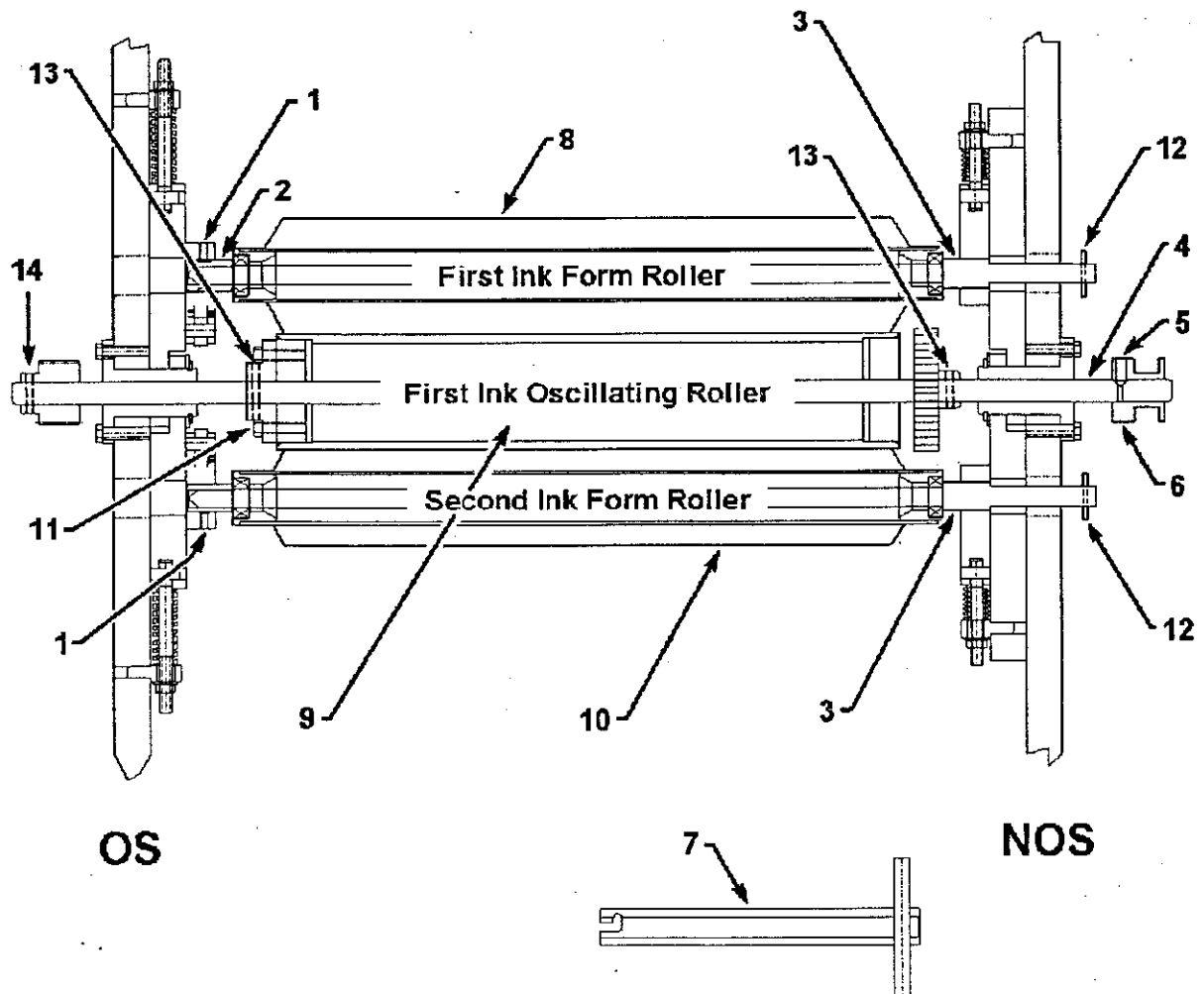
TOWERS



INK TRANSFER ROLLER/THIRD INK FORM ROLLER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178949	INK TRANSFER ROLLER ASSEMBLY	1
2	102001	BALL BEARING	2
3	173629	THIRD INK FORM ROLLER	1
4	073316	BEARING	2
5	179218	THIRD INK FORM ROLLER SHAFT ASSEMBLY	1
6	102008	PIN -- drive lock	1

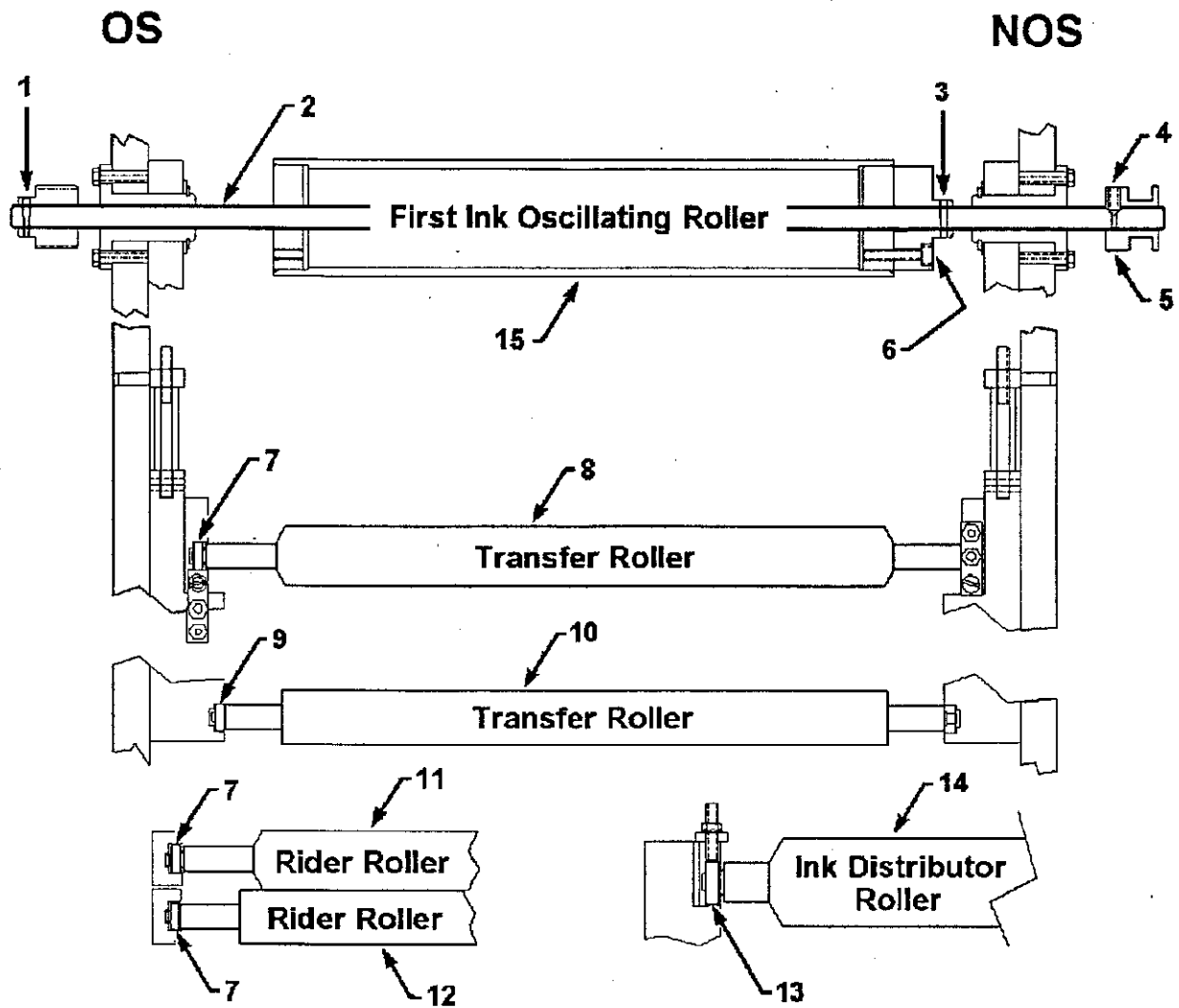
TOWERS



FIRST INK OSCILLATING ROLLER/FIRST & SECOND INK FORM ROLLERS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	102228	SCREW -- set, 1/4-28 x 3/4"	2
2	179220	SLEEVE -- ink form roller shaft	2
3	179218	INK FORM ROLLER SHAFT ASSEMBLY	2
4	172973	SHAFT ASSEMBLY	1
5	014207	SCREW -- set, 1/4-28 x 5/8"	1
6	073482	COUPLING	1
7	179221	WRENCH (referenced)	1
8	173627	FIRST INK FORM ROLLER	1
9	172954	FIRST INK OSCILLATING ROLLER ASSEMBLY	1
10	173628	SECOND INK FORM ROLLER	1
11	014165	SCREW -- 1/4-28 x 1"	3
12	102008	PIN -- drive lock	2
13	014941	PIN -- taper	2
14	000023	PIN -- taper	1

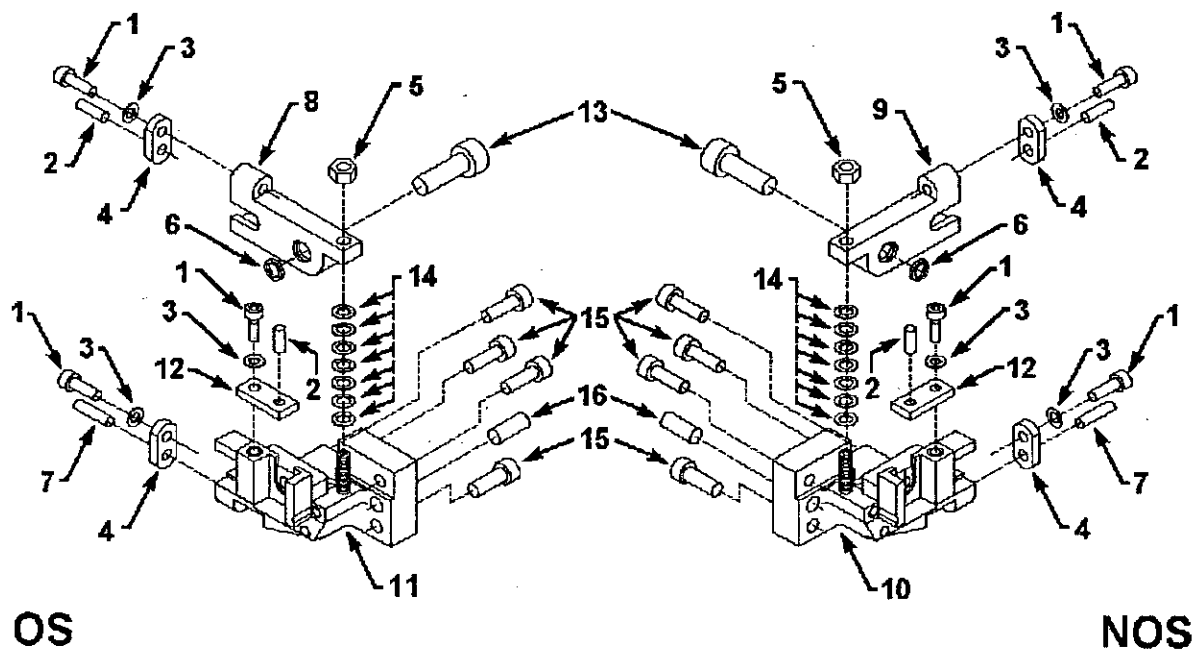
TOWERS



FIRST INK OSCILLATING ROLLER/TRANSFER ROLLERS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	000023	PIN -- taper	1
2	172934	SHAFT ASSEMBLY	1
3	014941	PIN -- taper	1
4	014207	SCREW -- set, 1/4-28 x 5/8"	1
5	073482	COUPLING ROLL	1
6	014165	SCREW -- 1/4-28 x 1"	3
7	196783	BALL BEARING	6
8	180895	TRANSFER ROLLER ASSEMBLY	1
9	196783	BALL BEARING	2
10	180897	TRANSFER ROLLER ASSEMBLY	1
11	180974	RIDER ROLLER	1
12	180970	RIDER ROLLER	1
13	073310	BALL BEARING	2
14	172447	INK DISTRIBUTOR ROLLER	1
15	172954	FIRST INK OSCILLATING ROLLER ASSEMBLY	1

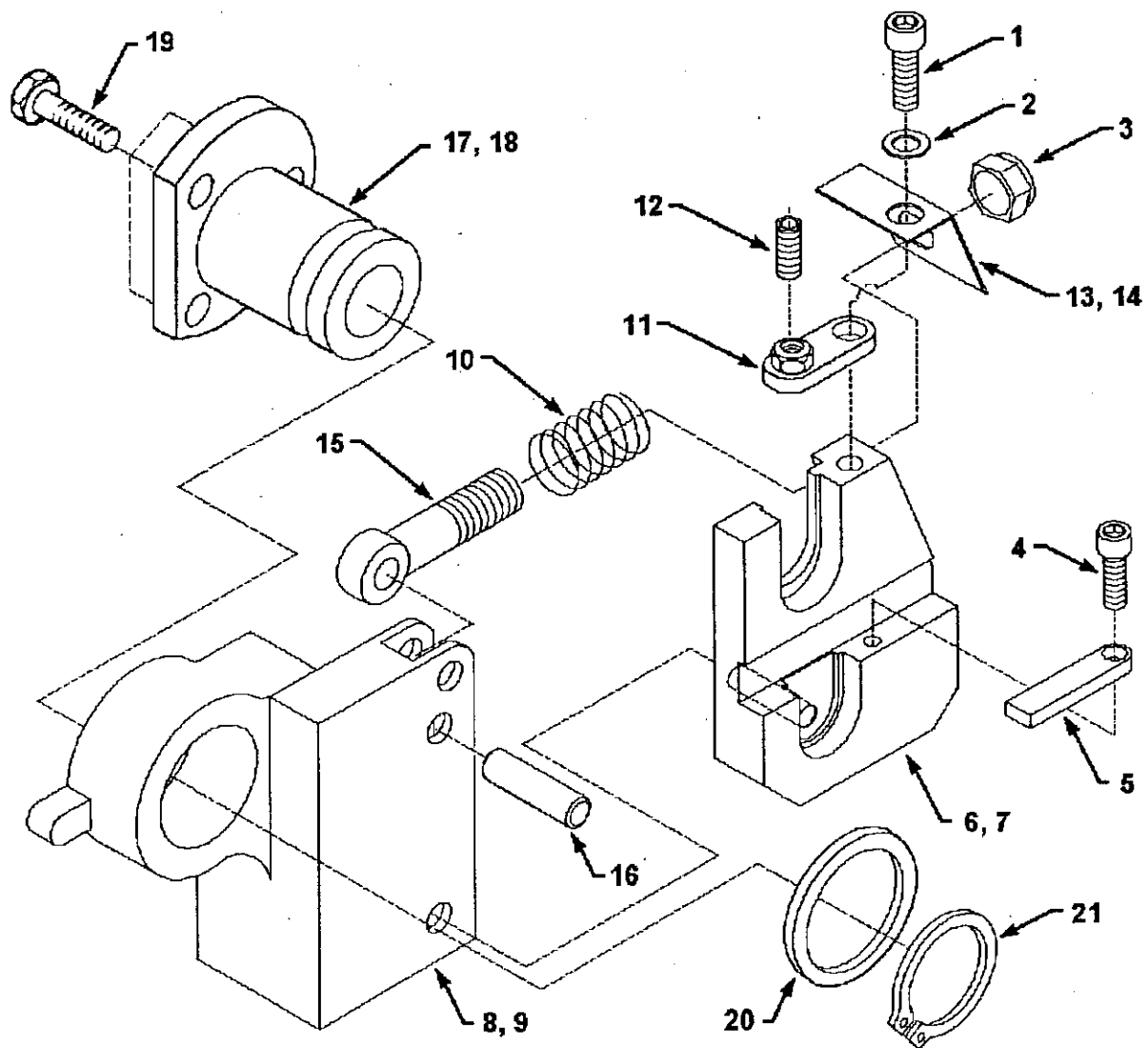
TOWERS



INK DISTRIBUTOR ROLLER/RIDER ROLLER BRACKET

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	014162	SCREW -- 1/4-28 x 1/2"	6
2	102228	SCREW -- set, 1/4-28 x 3/4"	4
3	001726	WASHER -- 1/4 i.d., .437 o.d.	6
4	172788	COVER ADJUSTMENT	4
5	196884	NUT -- hex, 1/4-28	2
6	043106	WASHER -- .314 i.d., .437 o.d.	2
7	102229	SCREW -- set, 1/4-28 x 1 1/4"	2
8	172453	BRACKET -- pivot, os	1
9	172452	BRACKET -- pivot, nos	1
10	172790	BRACKET -- ink distributor and rider rollers, nos	1
11	172791	BRACKET -- ink distributor and rider rollers, os	1
12	172792	COVER	2
13	197399	BOLT -- precision	2
14	172491	SPRING WASHER	14
15	101754	SCREW -- 5/16-24 x 1 1/4"	8
16	191397	PIN -- dowel	2

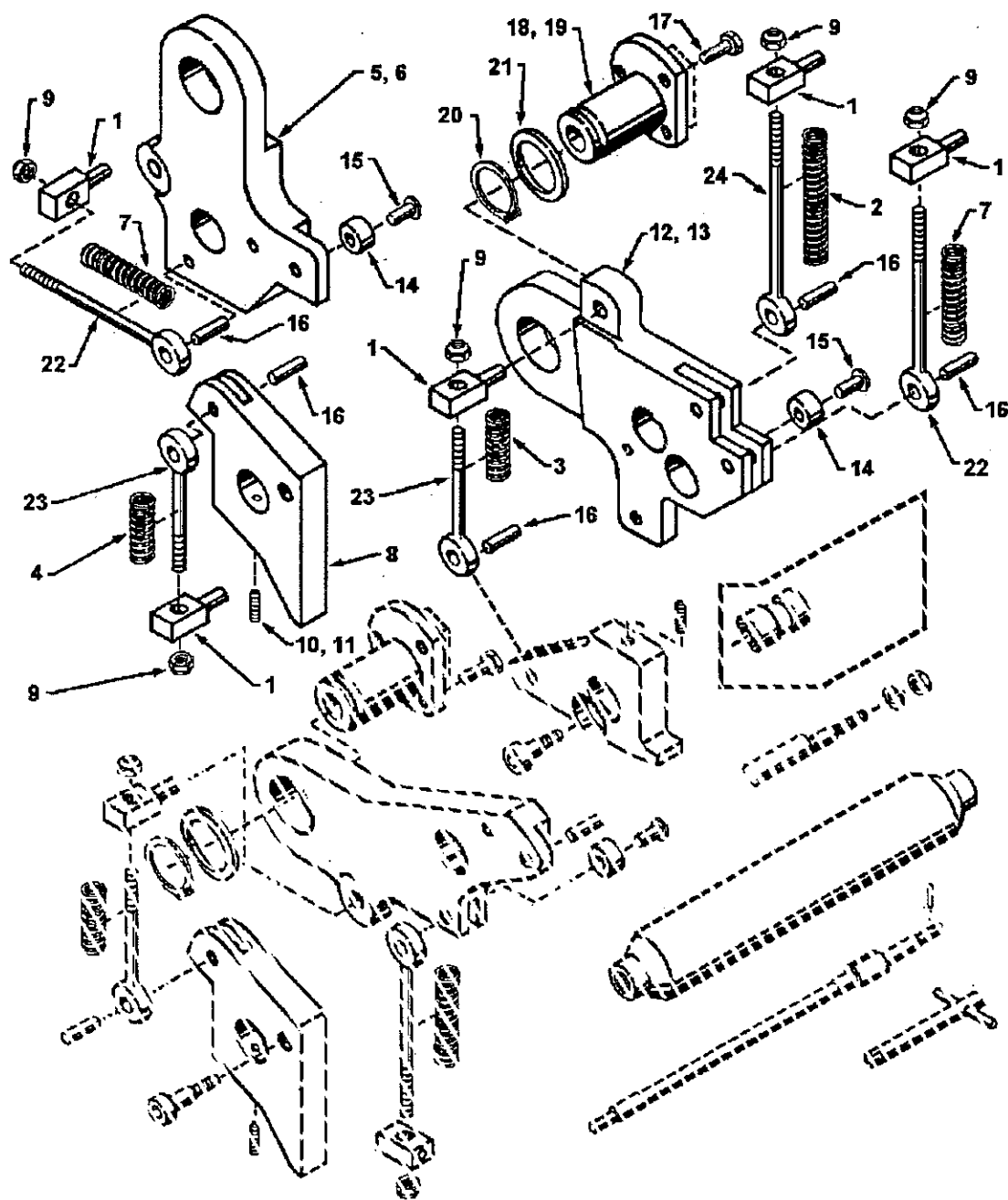
TOWERS



BRACKET ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	014162	SCREW -- Allen cap, 1/4-28 x 1/2"	2
2	001726	WASHER -- spring, .260 i.d., .437 o.d., .015	2
3	196884	NUT -- 1/4-20	2
4	014158	SCREW -- Allen cap, 10-32 x 1/2"	2
5	172457	COVER	2
6	172786	BRACKET ASSEMBLY -- nos	1
7	172787	BRACKET-ASSEMBLY -- os	1
8	172785	BRACKET #1 OSCILLATING ASSEMBLY -- os	1
9	172784	BRACKET #1 OSCILLATING ASSEMBLY -- nos	1
10	194611	SPRING	2
11	172788	ADJUSTMENT COVER	2
12	102228	SCREW -- set, 1/4-28 x 3/4"	2
13	173676	TRANSFER ROLLER BRACKET -- nos	1
14	173677	TRANSFER ROLLER BRACKET -- os	1
15	172459	BOLT -- eye	2
16	172461	PIN -- dowel	2
17	173025	BEARING HOUSING -- oscillating roller shaft, os	1
18	173029	BEARING HOUSING -- oscillating roller shaft, nos	1
19	102042	SCREW -- hex, 1/4-28 x 3/4"	6
20	196850	WASHER -- thrust, 1.00 i.d., 1.56 o.d., .061	2
21	197419	SNAP RING -- bowed	2

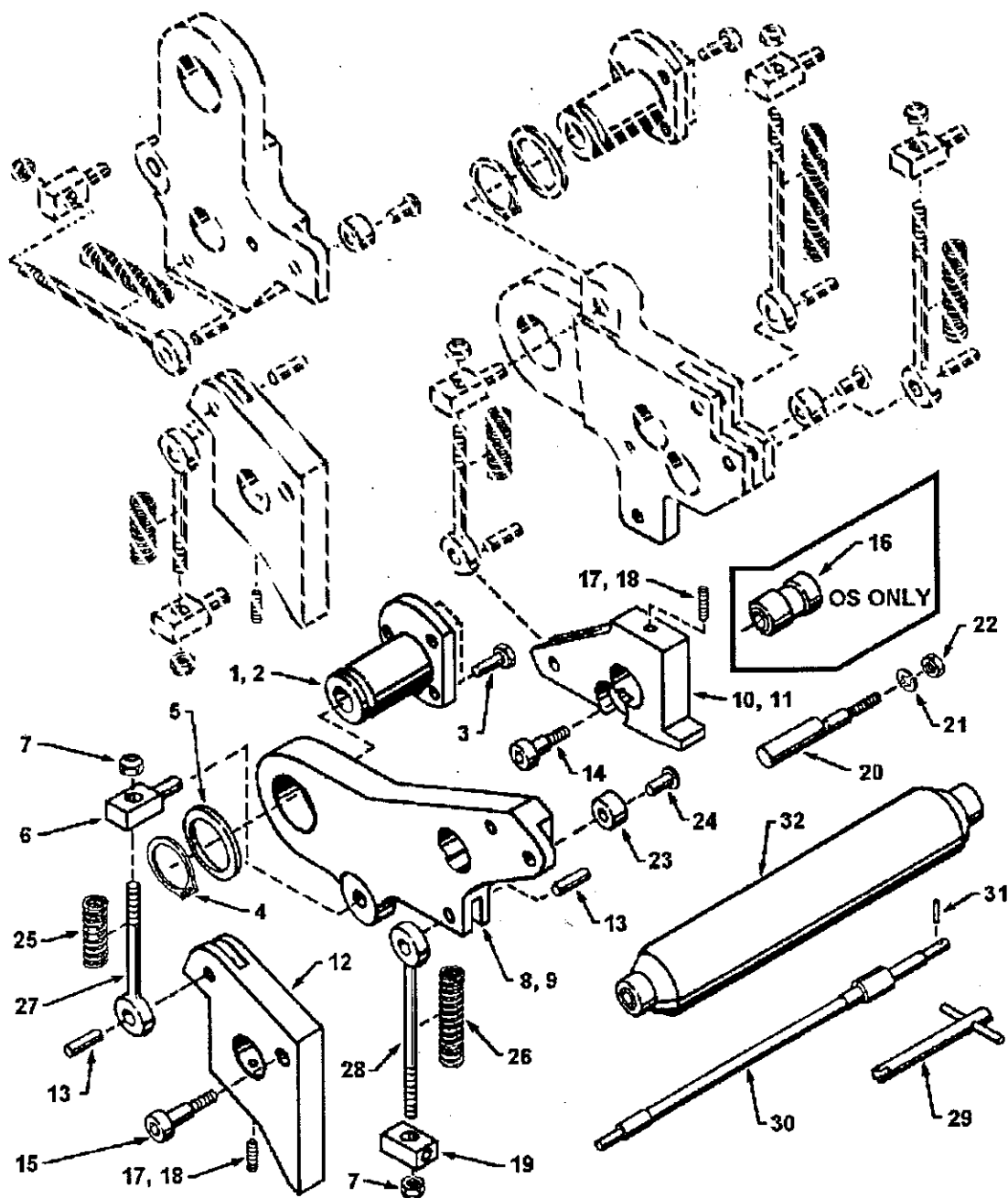
TOWERS



OSCILLATING AND FORM ROLLER BRACKETS -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179097	PIVOT BLOCK	12
2	197398	SPRING -- compression	2
3	197414	SPRING -- compression	2
4	196860	SPRING -- compression	4
5	179449	BRACKET #2 OSCILLATING ASSEMBLY -- nos	1
6	179448	BRACKET #2 OSCILLATING ASSEMBLY -- os	1
7	196859	SPRING -- compression	6
8	172783	FORM SOCKET ASSEMBLY	4
9	196884	NUT -- hex	14
10	006825	SCREW -- set	3
11	197328	PLUNGER BALL	3
12	172779	OSCILLATING BRACKET #1 -- nos	1
13	172780	OSCILLATING BRACKET #2 -- os	1
14	173244	CAM ROLLER	6
15	173243	CAM ROLLER -- shaft	6
16	196873	PIN -- dowel	14
17	102042	SCREW -- hex head, 1/4-28 x 3/4"	12
18	173030	BEARING HOUSING -- oscillating shaft, nos	1
19	173026	BEARING HOUSING -- oscillating shaft, os	1
20	197419	RING -- snap, bowed	4
21	196850	WASHER -- thrust	4
22	179189	BOLT -- eye	6
23	172460	BOLT -- eye	6
24	172623	BOLT -- eye	2

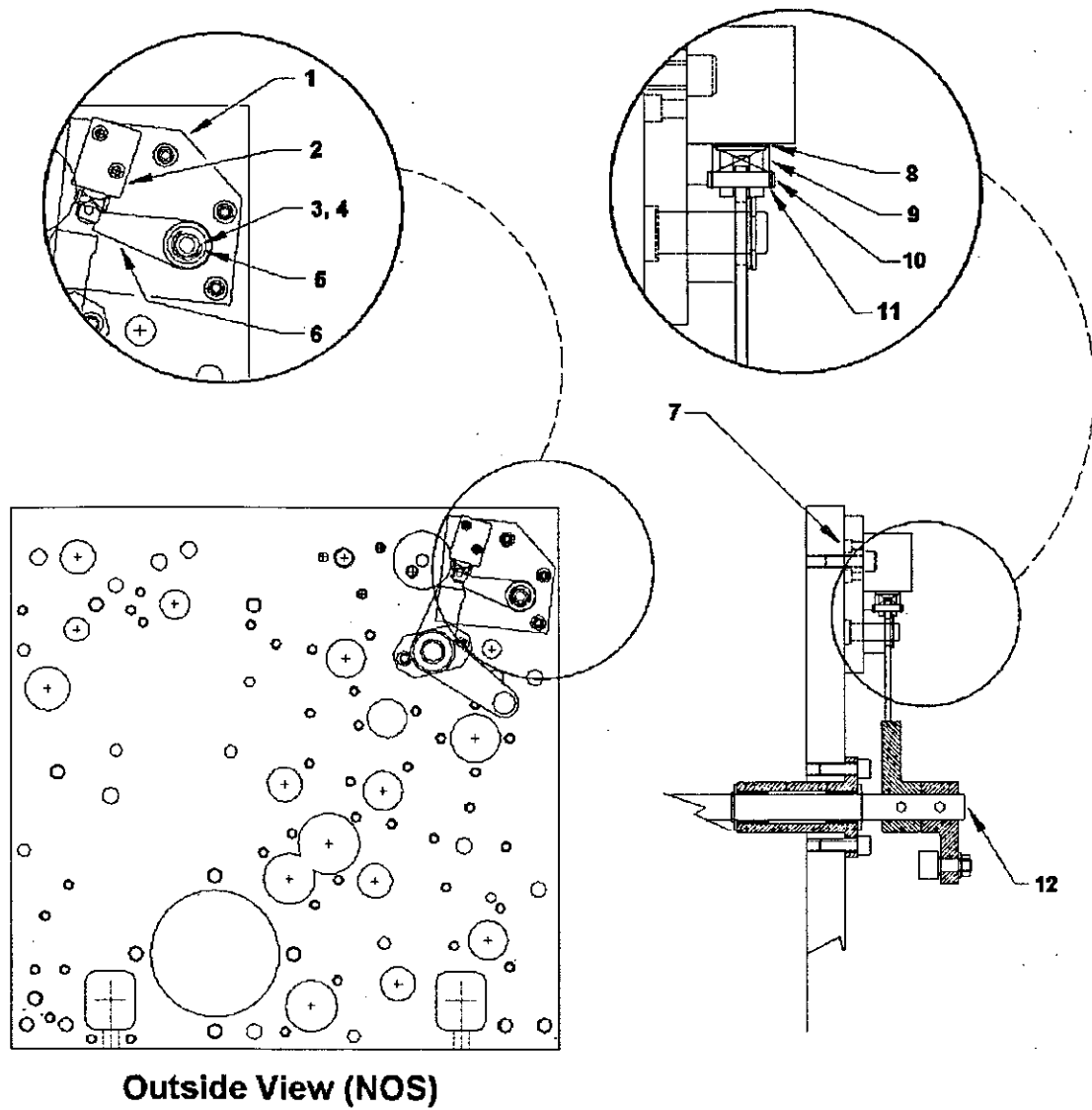
TOWERS



OSCILLATING AND FORM ROLLER BRACKETS -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173031	BEARING HOUSING -- oscillating shaft, nos	1
2	173027	BEARING HOUSING -- oscillating shaft, os	1
3	102042	SCREW -- hex head, 1/4-28 x 3/4"	12
4	197419	RING -- snap, bowed	4
5	196850	WASHER -- thrust	4
6	197097	BLOCK -- pivot	12
7	196884	NUT -- hex, 1/4-20	14
8	179501	OSCILLATING BRACKET #3 ASSEMBLY -- nos	1
9	179500	OSCILLATING BRACKET #3 ASSEMBLY -- os	1
10	172781	FORM SOCKET #1 -- nos	1
11	172782	FORM SOCKET #1 -- os	1
12	172783	FORM SOCKET ASSEMBLY	4
13	196873	PIN -- dowel	14
14	178849	SCREW -- shoulder	1
15	196867	BOLT -- shoulder, precision	5
16	179220	SLEEVE -- form roller shaft, os	3
17	006825	SCREW -- set	3
18	197328	PLUNGER BALL	3
19	180888	BLOCK -- pivot	2
20	179110	STOP -- eccentric	6
21	001731	WASHER -- lock, 1/4" i.d.	6
22	001817	NUT -- 1/4-28	6
23	173244	CAM ROLLER	6
24	173243	CAM ROLLER -- shaft	6
25	196860	SPRING -- compression	4
26	196859	SPRING -- compression	6
27	172460	BOLT -- eye	6
28	179189	BOLT -- eye	6
29	179221	WRENCH ASSEMBLY	1
30	179218	SHAFT ASSEMBLY	3
31	102008	PIN -- drive lock type "E"	3
32	173627	FIRST INK FORM ROLLER	1
33	173628	SECOND INK FORM ROLLER	1
34	173629	THIRD INK FORM ROLLER	1

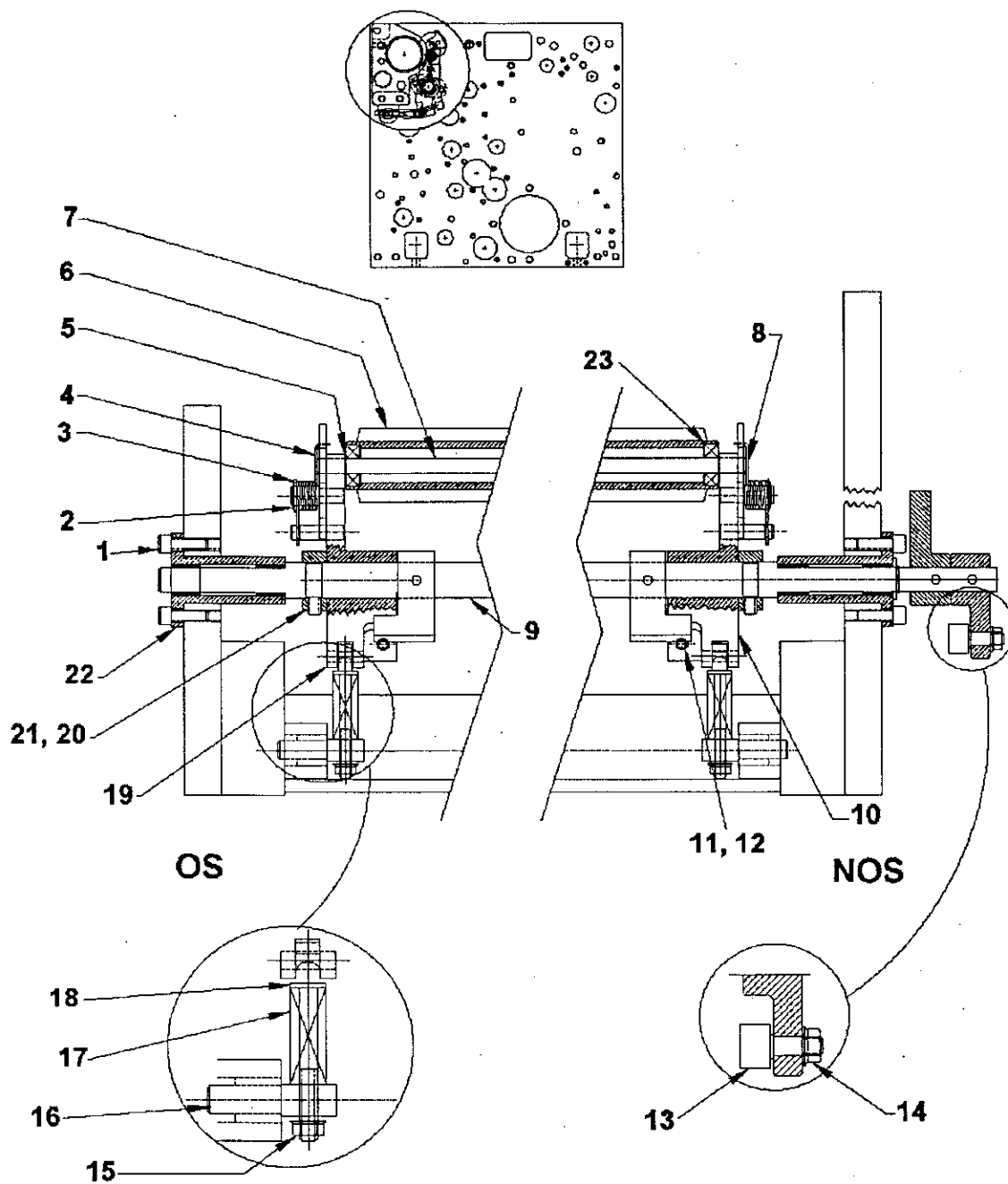
TOWERS



MICRO-SWITCH ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179990	PLATE ASSEMBLY -- ink lockout	1
2	253381	SOLENOID	1
3	100334	SCREW -- 10-32 x 3/4"	3
4	001052	WASHER -- .203 i.d., .500 o.d.	3
5	001080	RETAINING RING	1
6	179988	LEVER ASSEMBLY -- ink lockout	1
7	100820	SCREW -- 6/32 x 1/4"	2
8	192206	WASHER -- .385 i.d., .625 o.d.	1
9	192204	SPRING	1
10	190713	PIN	1
11	014515	RING -- plastic	2
12	179958	DUCTOR SHAFT ASSEMBLY	1

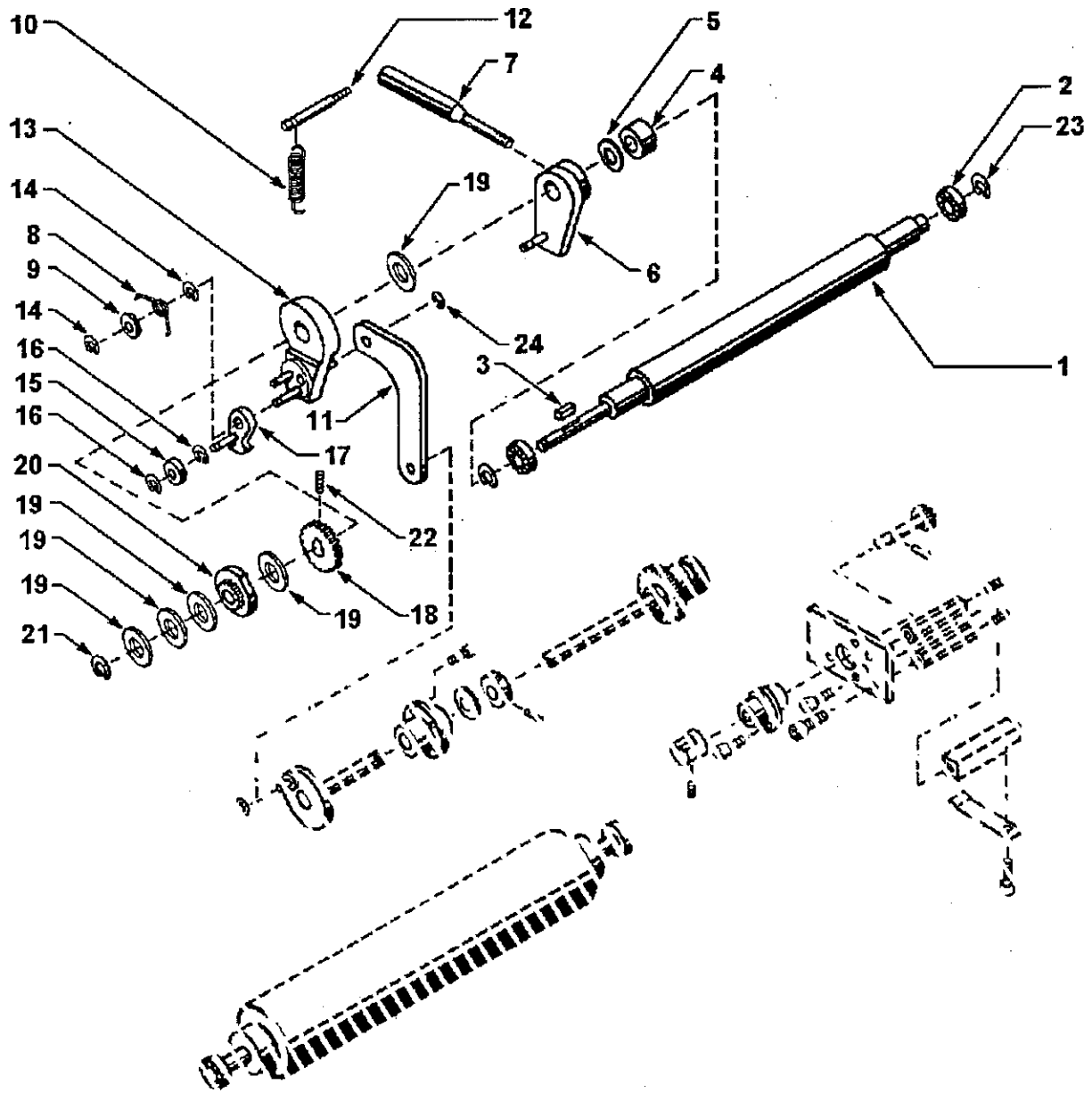
TOWERS



DUCTOR ROLLER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	102042	SCREW -- hex head, 1/4-28 x 7/16"	4
2	102135	RETAINING RING	2
3	190149	WASHER -- .443 i.d., .697 o.d.	2
4	197014	SPRING -- torsion, os	1
5	001046	RETAINING RING	2
6	179961	INK DUCTOR ROLLER ASSEMBLY	1
7	179971	SHAFT -- ductor roller	1
8	197022	SPRING -- torsion, nos	1
9	172911	DUCTOR SHAFT ASSEMBLY	1
10	172917	INK DUCTOR ARM SUBASSEMBLY -- nos	1
11	102113	SCREW -- set, 1/4-28 x 1"	2
12	001817	NUT -- 1/4-28	2
13	196838	CAM ROLLER	1
14	001817	NUT -- 1/4-28	1
15	196884	NUT -- hex, 1/4-20	1
16	180281	PIN -- ink fountain	2
17	196860	SPRING -- compression	2
18	190631	SPACER -- T97S	2
19	172915	INK DUCTOR ARM SUBASSEMBLY	1
20	014390	SCREW -- set, 1/4-28 x 1/4"	2
21	080956	COLLAR	2
22	172924	BUSHING ASSEMBLY -- ductor arm	2
23	073310	BEARING	2

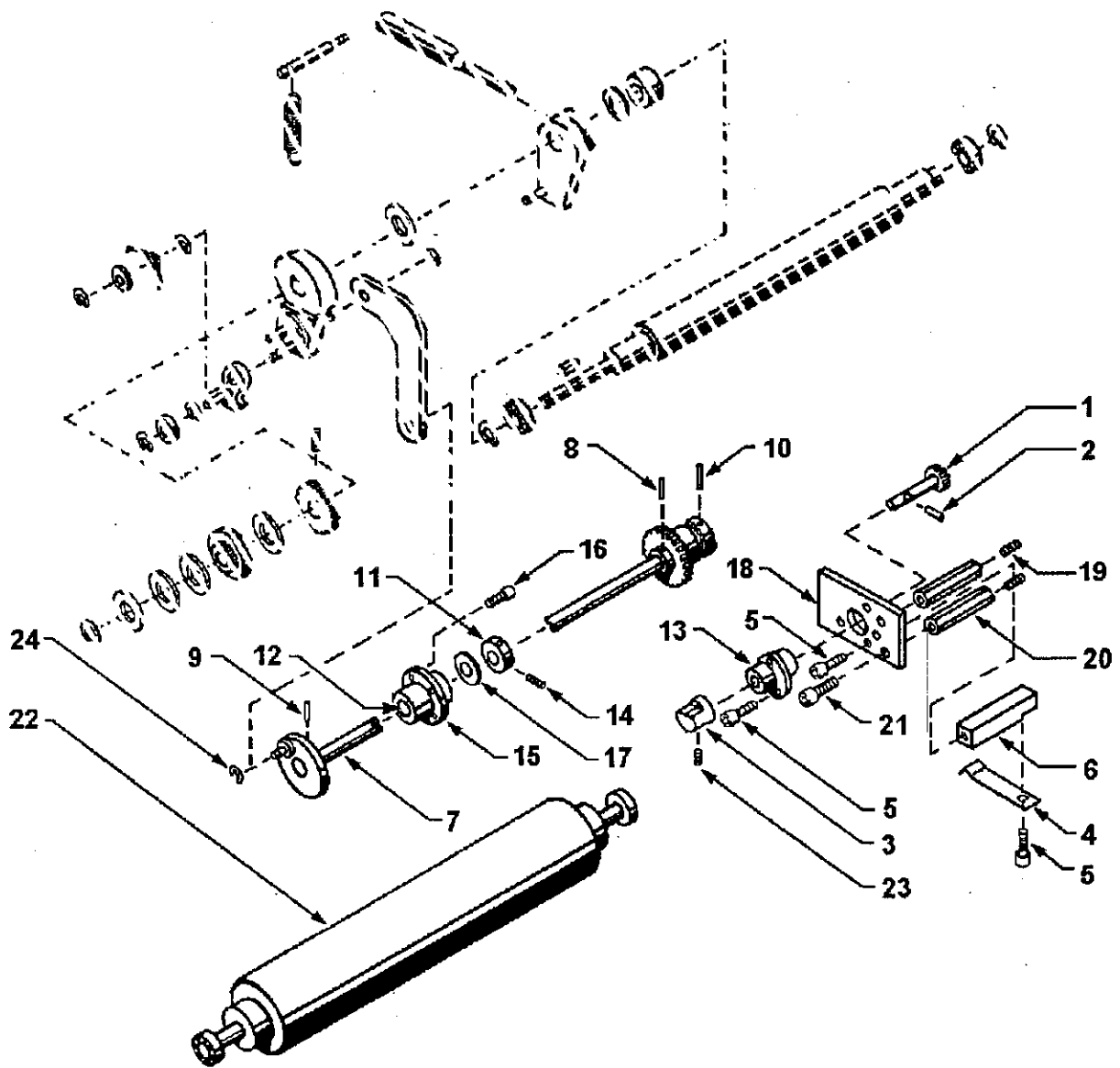
TOWERS



INK FOUNTAIN RATCHET -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180330	ROLLER -- ink fountain	2
2	078520	BALL BEARING	2
3	197098	KEY -- square	2
4	197097	SPACER	2
5	197101	WASHER -- thrust	2
6	178986	HUB ASSEMBLY -- lever, ink	2
7	173210	HANDLE -- ratchet	2
8	080634	SPRING -- torsion	2
9	043106	WASHER	2
10	073325	SPRING	2
11	180914	LEVER -- crank	2
12	001991	PIN -- spring	2
13	179878	LEVER ASSEMBLY -- operating	2
14	001046	RETAINING RING -- 5/16" shaft	4
15	193774	ROLLER	2
16	001776	RING -- snap	4
17	178991	PAWL ASSEMBLY	2
18	180334	RATCHET	2
19	197102	WASHER -- thrust	10
20	178987	DIAL ASSEMBLY	2
21	001093	RETAINING RING	2
22	014108	SCREW -- set, 10-32 x 3/8"	4
23	001786	RETAINING RING	4
24	001095	RETAINING RING -- 5/16" shaft	4

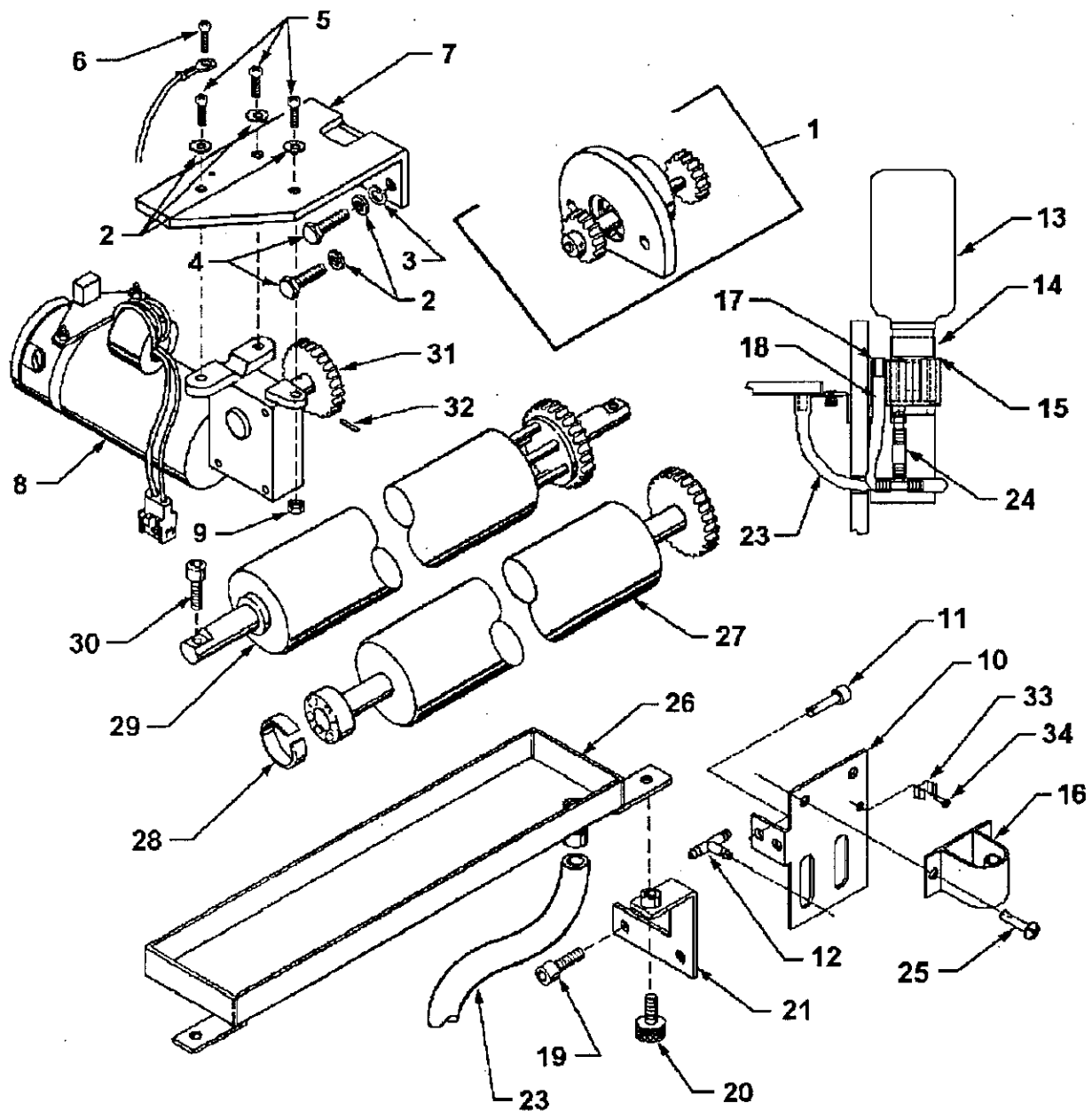
TOWERS



INK FOUNTAIN RATCHET -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180303	SHAFT ASSEMBLY	2
2	100400	PIN	2
3	197107	KNOB	2
4	180577	SPRING	2
5	014158	SCREW -- cap, 10-32 x 1/2"	10
6	180579	STAND OFF	2
7	172978	SHAFT ASSEMBLY -- ductor cam and ratchet	2
8	001936	PIN	2
9	014941	PIN	2
10	102108	PIN	2
11	180838	HOUSING ASSEMBLY	2
12	001461	BUSHING -- not illustrated	2
13	196997	WASHER -- thrust, .750 i.d. x .060	4
14	001573	SCREW -- set, 1/4-28 x 5/16"	4
15	197160	COLLAR	4
16	100653	SCREW -- cap, 1/4-28 x 3/4"	16
17	178995	HOUSING SHAFT	2
18	180578	PLATE	2
19	014313	SCREW -- set, 1/4-28 x 1"	4
20	180300	SPACER	4
21	014162	SCREW -- set, 1/4-28 x 1/2"	4
22	178949	ROLLER ASSEMBLY -- rider, jumbo	2
23	001095	RETAINING RING -- 5/16" shaft	4
24	014108	SCREW -- set, 10-32 x 3/8"	4

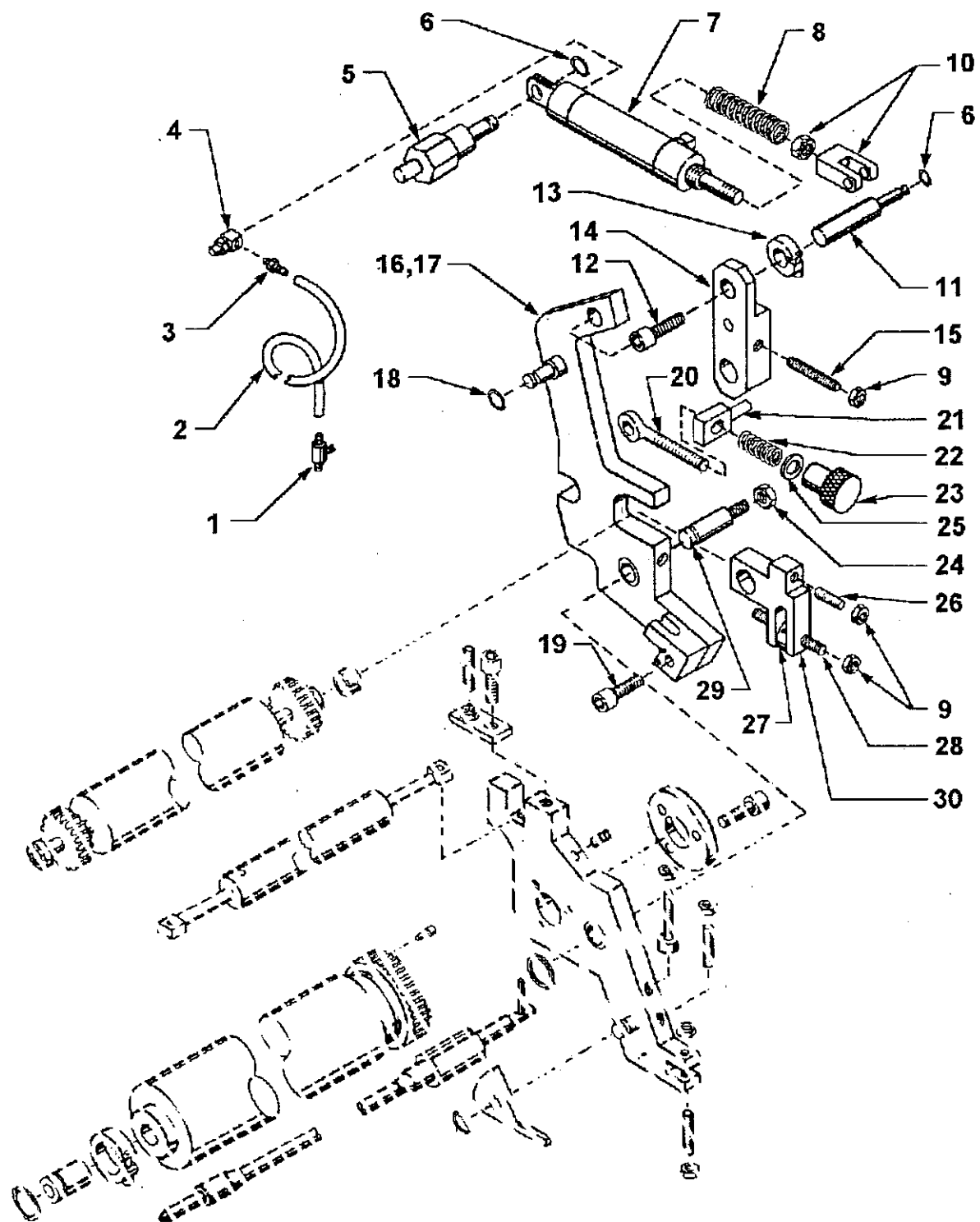
TOWERS



DAMPENER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178549	IDLER GEAR ASSEMBLY	2
2	021203	WASHER -- .254 i.d., .5 o.d.	10
3	001731	WASHER -- lock, 1/4" i.d.	10
4	100653	SCREW -- 1/4-28 x 3/4"	8
5	101086	SCREW -- 1/4-28 x 3/4"	6
6	001220	SCREW -- 10-32 x 3/8"	1
7	178595	BRACKET -- dampener motor	2
8	022499	MOTOR ASSEMBLY -- dampener	2
9	014807	NUT -- 1/4-28	6
10	180575	BRACKET -- bottle holder	2
11	100339	SCREW -- 1/4-28 x 3/8"	4
12	197327	TEE -- 3/8" tube	2
13	022524	BOTTLE -- dampener	2
14	017747	CAP VALVE ASSEMBLY	2
15	400543	WASHER -- rubber	2
16	180795	HOLDER -- bottle	2
17	001453	BUSHING	2
18	180441	HOSE -- fountain, 9"	2
19	014162	SCREW -- 1/4-28 x 1/2"	4
20	052187	SCREW -- knurled	2
21	180431	BRACKET ASSEMBLY -- nos fountain	2
22	180429	BRACKET ASSEMBLY -- os fountain (not illustrated)	2
23	180440	HOSE -- fountain, 6 1/2"	2
24	180439	HOSE -- fountain, 4"	2
25	102122	SCREW -- 1/4-28 x 1/2"	2
26	180433	FOUNTAIN ASSEMBLY	2
27	178535	ROLLER ASSEMBLY	2
28	178796	END CAP -- bearing roller	4
29	180519	ROLLER ASSEMBLY -- oscillating, chrome	2
30	014165	SCREW -- 1/4-28 x 1"	4
31	022650	GEAR -- motor drive	2
32	001978	PIN -- roll	2
33	250500	CLIP -- hose	1
34	100820	SCREW -- 6-32 x 1/4"	1

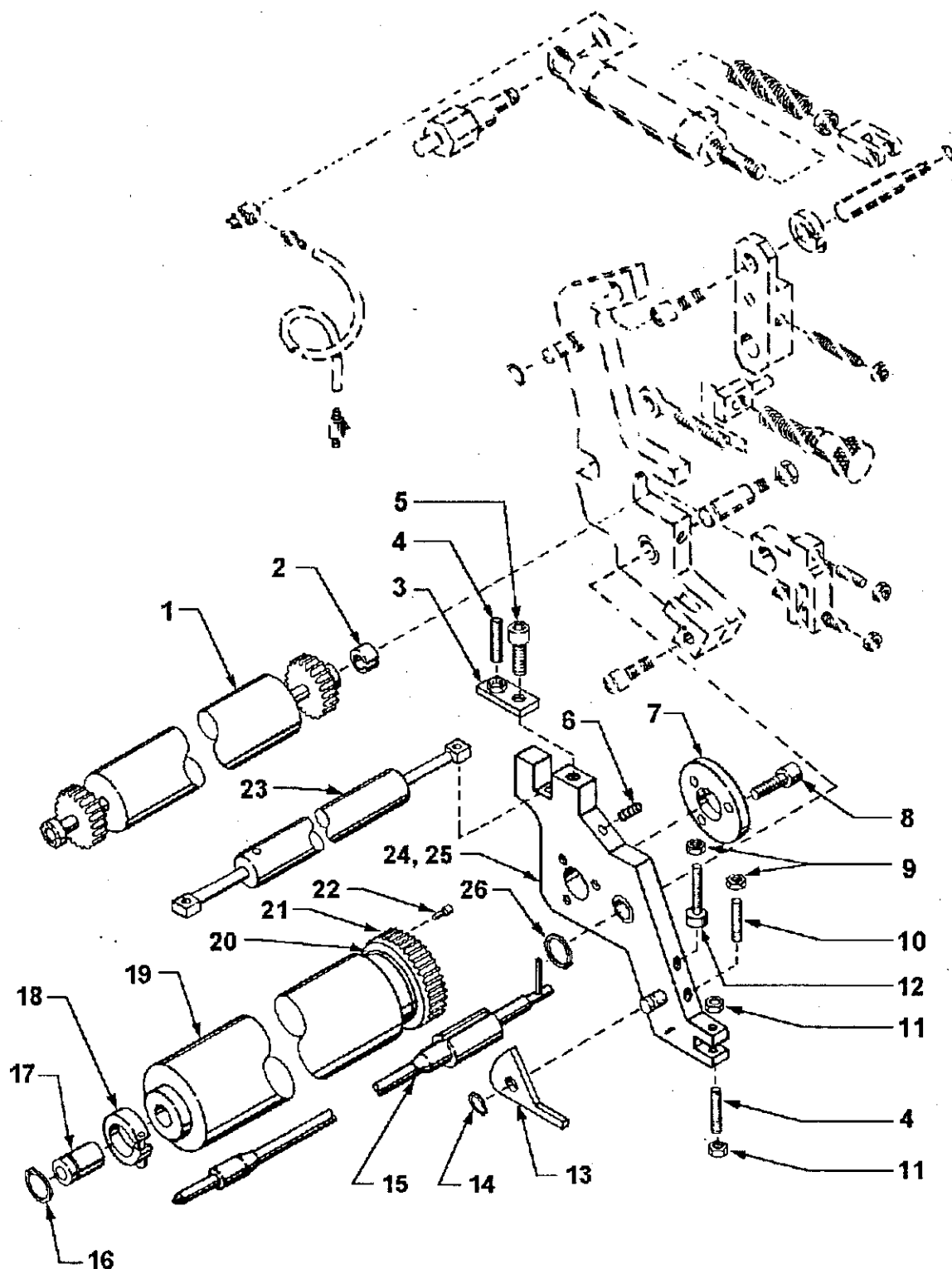
TOWERS



DAMPENER BRACKETS -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179763	TEE	2
2	178407	TUBING	2
3	179815	BARB -- 10-32 x 1/16"	2
4	179813	FITTING -- swivel, 1/8" npt	2
5	179834	STAND OFF -- air cylinder	5
6	001060	RETAINING RING	4
7	172710	AIR CYLINDER	2
8	196881	SPRING -- compression	2
9	001817	NUT -- 1/4-28	10
10	179370	CLEVIS -- piston rod	2
11	178571	SHAFT	2
12	178553	SCREW -- set, 1/4-20 x 1/2"	2
13	196891	CLAMP -- collar	2
14	178512	BRACKET -- metering roller	2
15	102140	SCREW -- set, 1/4-28 x 1 3/4"	2
16	178556	BRACKET -- dampener, nos	1
17	178555	BRACKET -- dampener, os	1
18	001049	RETAINING RING	2
19	014165	SCREW	2
20	179098	BOLT -- swing	2
21	179097	BLOCK -- pivot	2
22	076124	SPRING	2
23	178522	NUT -- knurled	2
24	001845	NUT -- 3/8-24	2
25	191797	WASHER -- .265 i.d., .625 o.d.	2
26	102292	SCREW -- set, 1/4-28 x 1/2"	6
27	178575	SET SCREW ASSEMBLY	2
28	102294	SCREW -- set, 1/4-28 x 1 1/2"	2
29	178591	PIVOT -- dampener	2
30	172792	COVER	2

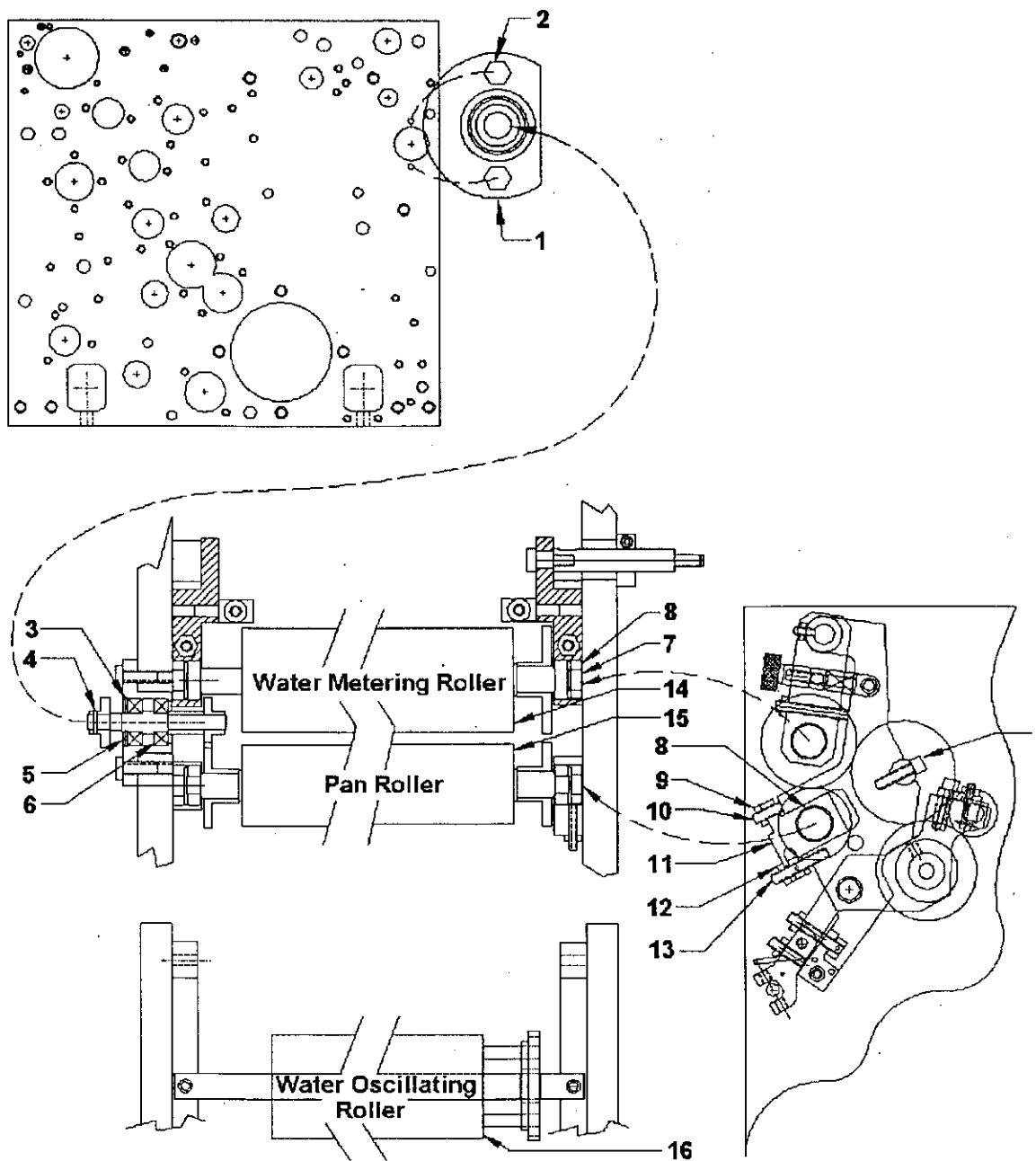
TOWERS



DAMPENER BRACKETS -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178538	PAN ROLLER ASSEMBLY	1
2	178796	BRACKET -- roller, dampener	2
3	172792	COVER	2
4	102292	SCREW -- set, 1/4-28 x 1/2"	6
5	100653	SCREW -- cap, 1/4-28 x 3/4"	2
6	197328	PLUNGER -- ball	1
7	178411	RETAINER -- shaft	1
8	014164	SCREW -- 8-32 x 7/16"	3
9	001817	NUT -- 1/4-28	10
10	014313	SCREW -- set, 1/4-28 x 1/2"	2
11	150050	NUT -- 1/4-28	4
12	178576	SCREW	1
13	180425	DAMPENER -- cam	2
14	001049	RETAINING RING	2
15	178933	SHAFT ASSEMBLY	1
16	001787	RETAINING RING	1
17	178590	SLEEVE -- dampener, meeting roller	1
18	178414	CLAMP -- dampener, shaft roller	1
19	172977	FORM ROLLER	1
20	173234	SHIM -- dampener gear	1
21	172965	GEAR -- 38T, dampener form	1
22	014165	SCREW -- 1/4-28 x 1"	3
23	180844	OSCILLATING ROLLER ASSEMBLY	1
24	180555	BRACKET -- nos	1
25	180556	BRACKET -- os	1
26	001048	RETAINING RING	2

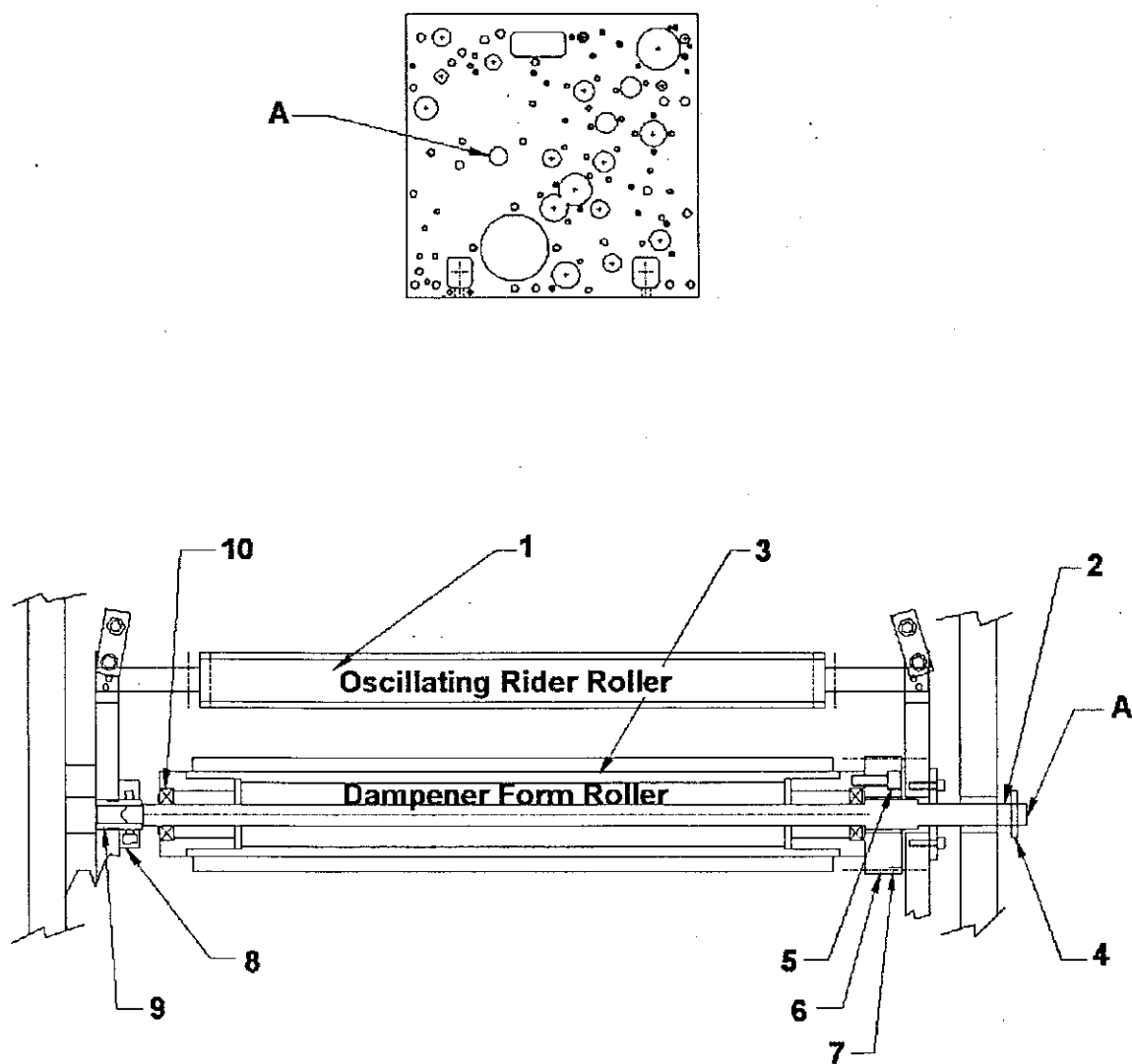
TOWERS



DAMPENER ROLLERS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178549	IDLER GEAR ASSEMBLY	1
2	100201	SCREW -- 1/4-28 x 7/8"	2
3	102083	RETAINING RING	1
4	102084	PIN -- taper	2
5	102082	RETAINING RING	1
6	102085	BALL BEARING	2
7	102001	BALL BEARING	2
8	178796	END CAP -- roller dampener	2
9	001817	NUT -- 1/4-28	2
10	102038	SCREW -- set, 1/4-28 x 1 1/2"	2
11	178544	HOLDER -- bearing roller	2
12	001974	PIN -- roll	2
13	179374	DISC -- stop	2
14	178535	ROLLER ASSEMBLY -- water metering	1
15	178538	ROLLER ASSEMBLY -- pan	1
16	180519	ROLLER ASSEMBLY -- water oscillating	1
17	014165	SCREW -- 1/4-28 x 1"	2
14	174027	ROLLER - WATER METER - NEW STYLE (W GEAR)	
14	173631	" " " " " (W/O GEAR)	

TOWERS

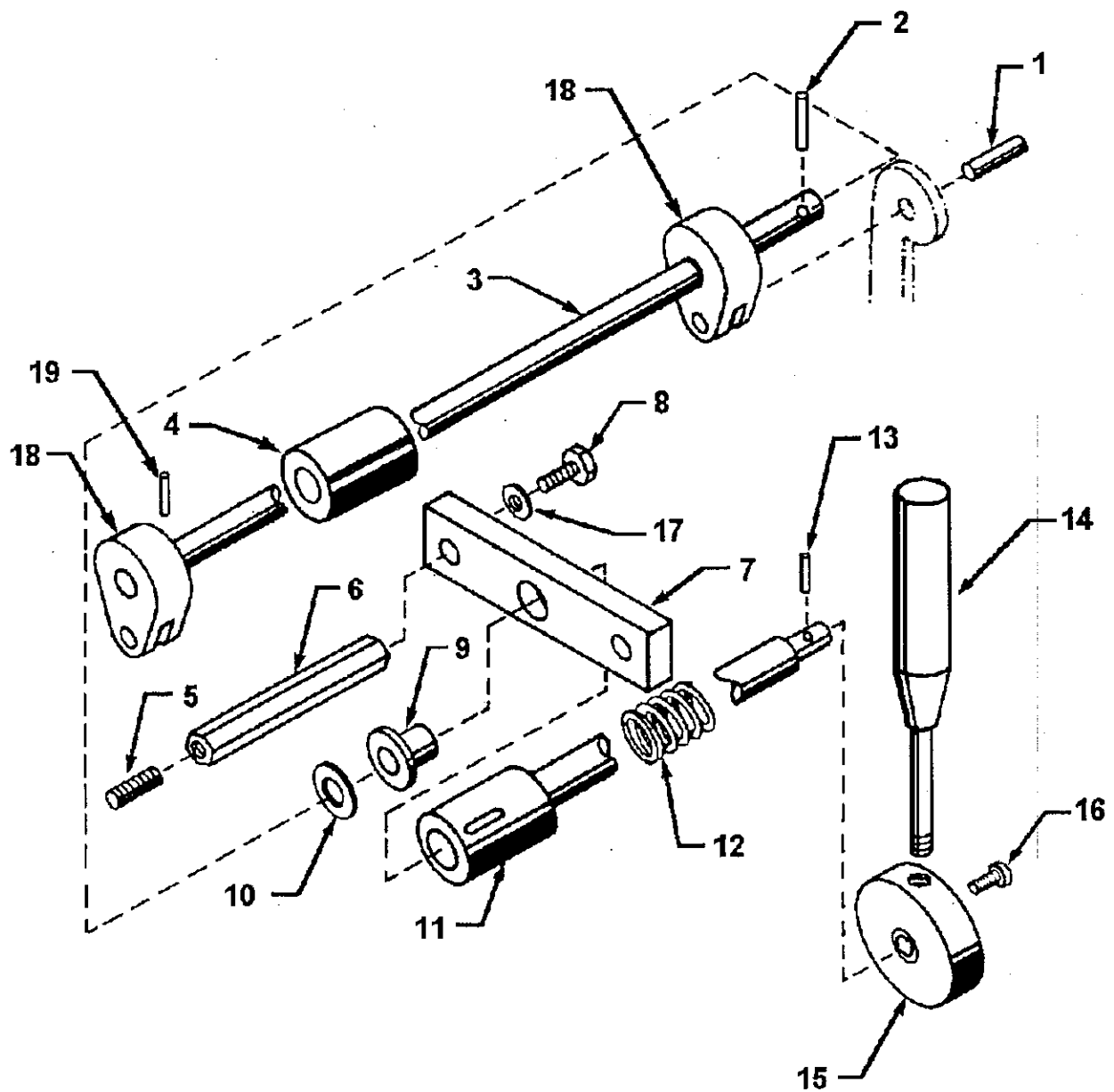


**NOTE: View from the
back of the machine**

OSCILLATING RIDER ROLLER/DAMPENER FORM ROLLER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180844	OSCILLATING RIDER ROLLER ASSEMBLY	1
2	178933	DAMPENER FORM ROLLER SHAFT ASSEMBLY	1
3	172977	DAMPENER FORM ROLLER	1
4	102008	PIN -- drive lock	1
5	014165	SCREW -- 1/4-28 x 1"	3
6	172965	GEAR -- 38T, dform	1
7	173234	SHIM -- dampener gear	1
8	178414	CLAMP SHAFT -- dampener roller	1
9	178590	SLEEVE -- mtg, dampener roller	1
10	102132	BALL BEARING	2

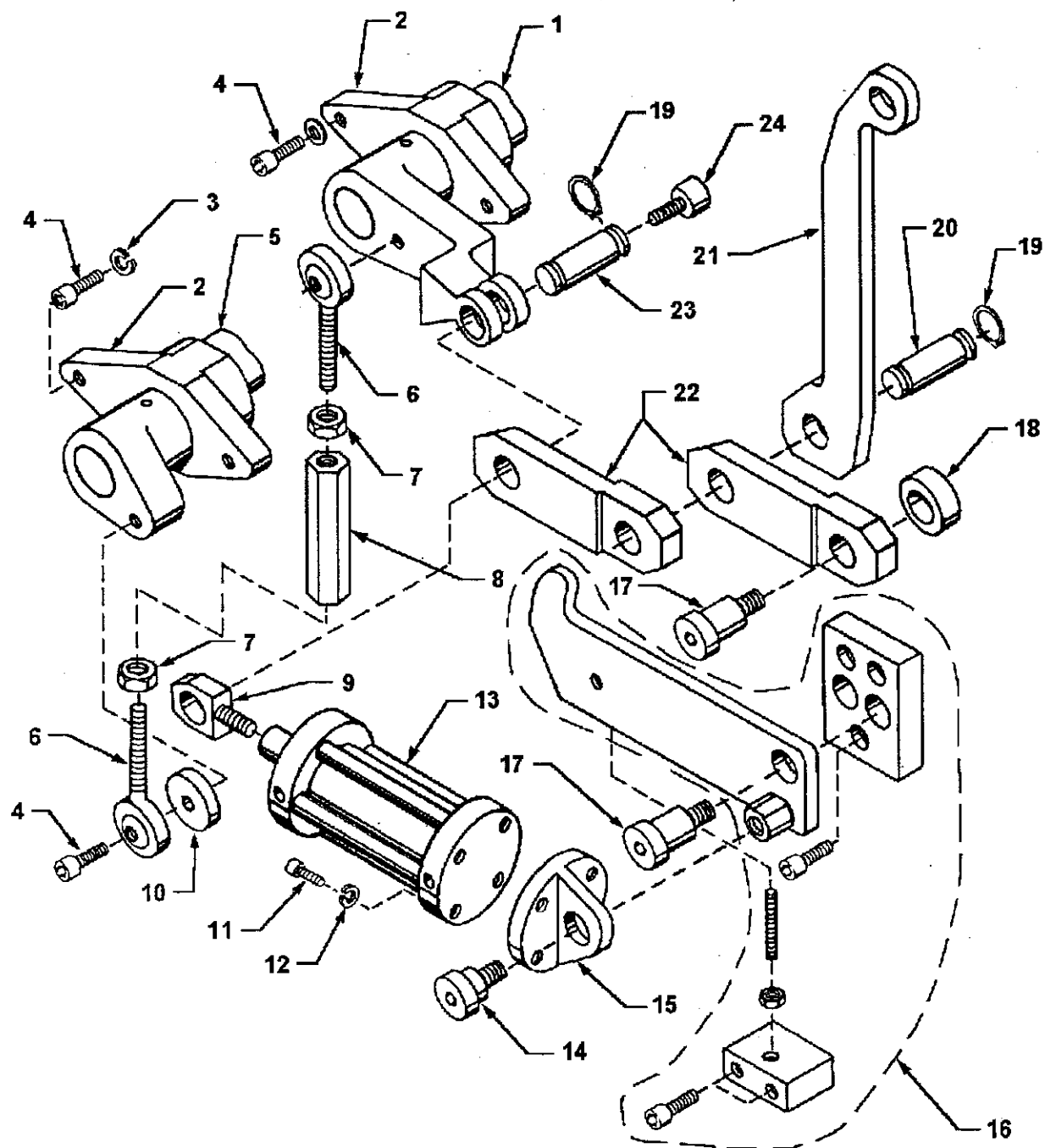
TOWERS



NIGHT LATCH

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179178	PIN	2
2	001986	PIN -- roll, 3/16" o.d. x 1 1/4"	1
3	179183	SHAFT ASSEMBLY -- night latch	1
4	102026	BEARING -- sleeve, inside frame	2
5	102025	SCREW -- set, 3/8-24 x 1"	2
6	179120	STAND OFF	2
7	180695	BLOCK ASSEMBLY	1
8	100860	SCREW -- 3/8-24 x 1"	2
9	197220	BUSHING -- flanged	1
10	014761	WASHER -- plain, 5/8 i.d. x .030"	2
11	180698	SHAFT ASSEMBLY -- extension	1
12	196847	SPRING -- compression	1
13	001986	PIN -- roll	1
14	178368	HANDLE ASSEMBLY -- night latch	1
15	180697	HUB	1
16	056530	SCREW -- special	1
17	001763	WASHER -- lock, .385 i.d., .673 o.d.	2
18	179177	NIGHT LATCH	4
19	001936	PIN -- taper	4

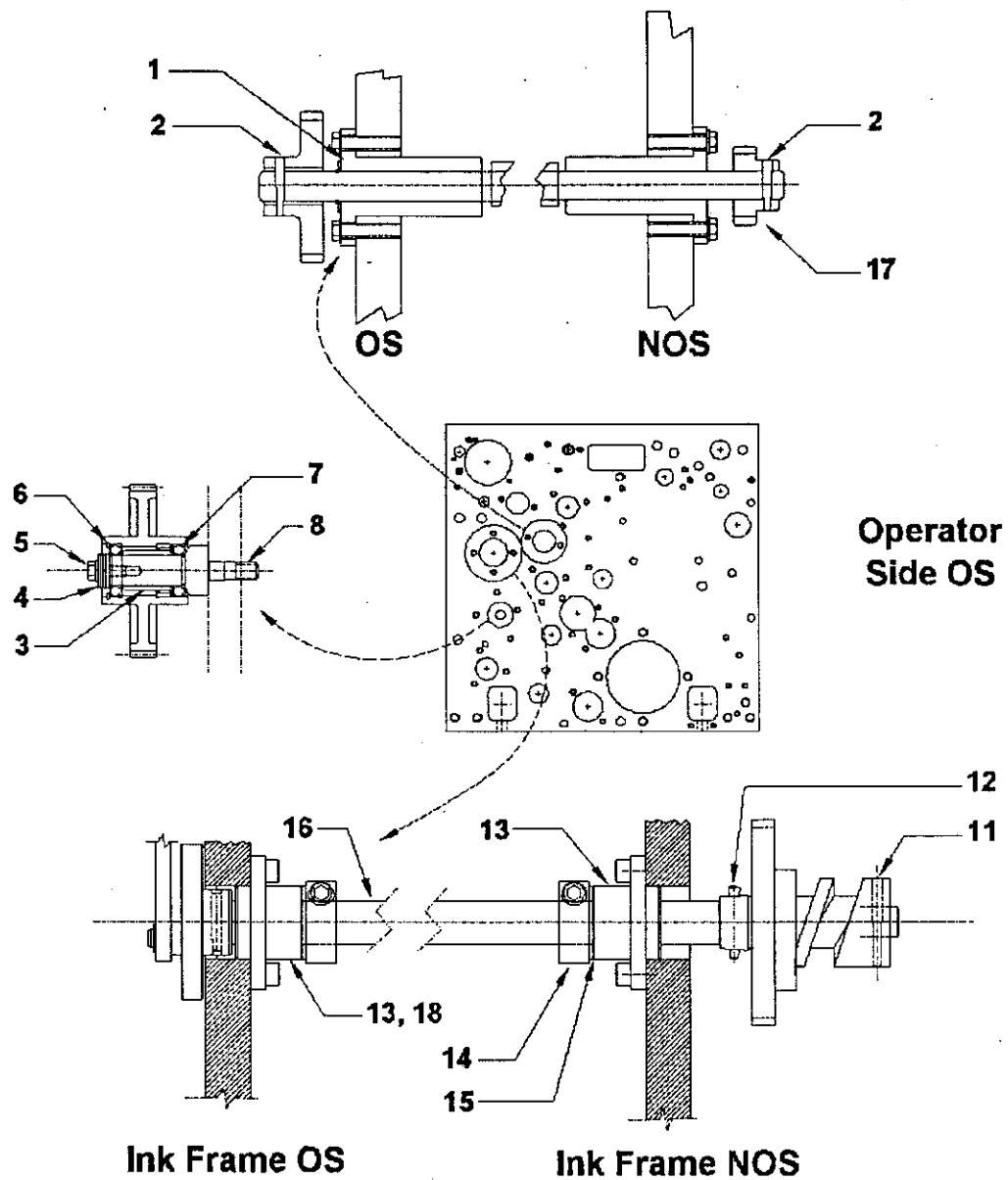
TOWERS



FORM ON/OFF LINKAGE

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179332	CAM SHAFT ASSEMBLY -- upper, nos	2
1	179193	CAM SHAFT ASSEMBLY -- upper, os (not illustrated)	2
2	179090	HOUSING ASSEMBLY -- bearing	8
3	192797	WASHER -- lock, .260 i.d., .489 o.d.	16
4	014165	SCREW	24
5	179192	CAM SHAFT ASSEMBLY -- lower, os	2
5	179333	CAM SHAFT ASSEMBLY -- lower, nos (not illustrated)	2
6	196840	BEARING -- red end	8
7	001817	NUT -- jam, 1/4-28	8
8	196840	BEARING -- 6-rod end	4
9	179199	CLEVIS -- air cylinder	4
10	074230	SPACER	8
11	102029	SCREW -- 6-32 x 3/4"	16
12	202604	WASHER -- lock, #12	16
13	179216	AIR CYLINDER	4
14	102027	SCREW -- shoulder, 3/8-16 x 5/8"	4
15	179198	BASE -- air cylinder	4
16	180411	CAM -- air cylinder, os	2
16	180412	CAM -- air cylinder, nos (not illustrated)	2
17	196834	BOLT -- stripper	4
18	196835	SPACER	4
19	100576	RETAINING RING	16
20	196839	PIN -- link, night latch	4
21	178596	LINK -- arm	4
22	179116	LINK	8
23	179114	PIN -- clevis, air cylinder	4
24	196838	ROLLER -- cam	4

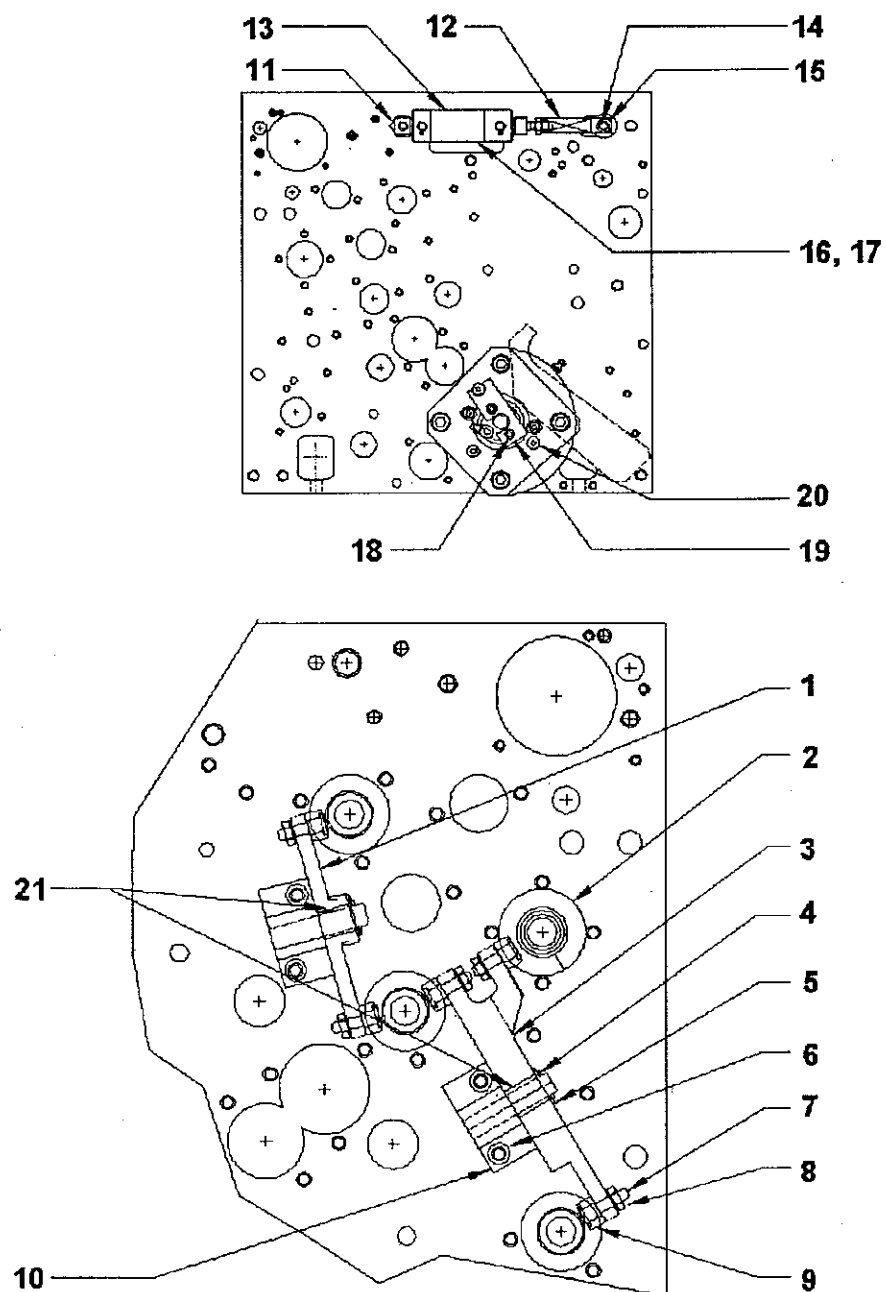
TOWERS



OSCILLATING SHAFT/STEP DOWN SHAFT

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172924	BUSHING ASSEMBLY -- ductor	2
2	014941	PIN -- taper	2
3	172946	IDLER GEAR ASSEMBLY	1
4	191384	WASHER -- .256 i.d., .750 o.d.	4
5	111073	SCREW -- 1/4-28 x 5/8"	1
6	102246	RETAINING RING	1
7	102245	BALL BEARING	2
8	172942	STUD -- idler gear	1
9	001845	NUT -- 3/8-24	1
10	001763	WASHER -- lock, .385 i.d., .673 o.d.	1
11	102108	PIN -- taper	1
12	001936	PIN -- taper	1
13	180838	BUSHING ASSEMBLY	2
14	197160	COLLAR -- shaft	2
15	196997	WASHER -- thrust, .750 i.d., 1.250 o.d.	2
16	172978	CAM SHAFT ASSEMBLY	1
17	172975	CROSS SHAFT ASSEMBLY	1
18	001461	BUSHING	1

TOWERS

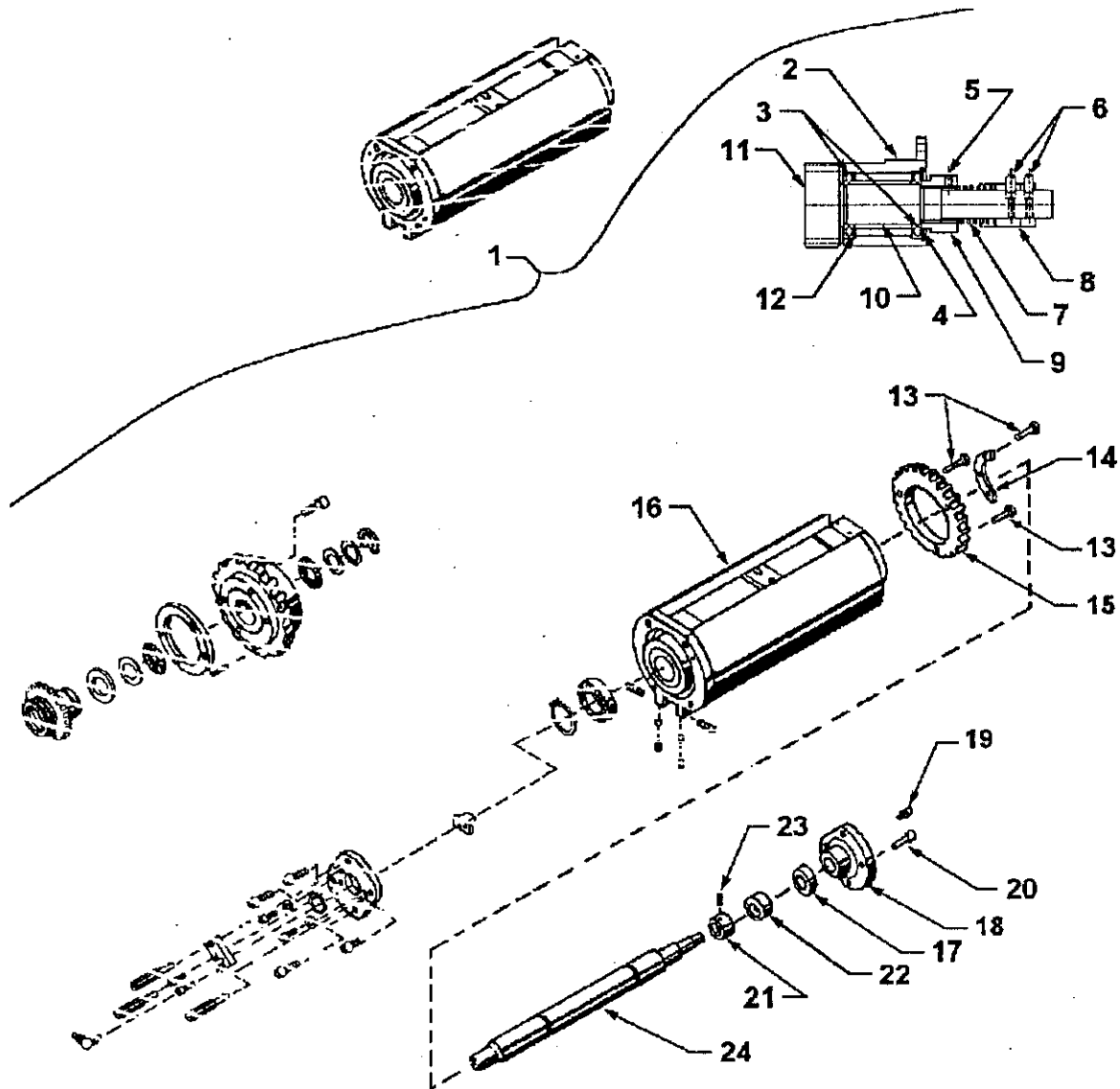


Outside View (NOS)

OSCILLATOR DRIVE/DAMPENER ON/OFF

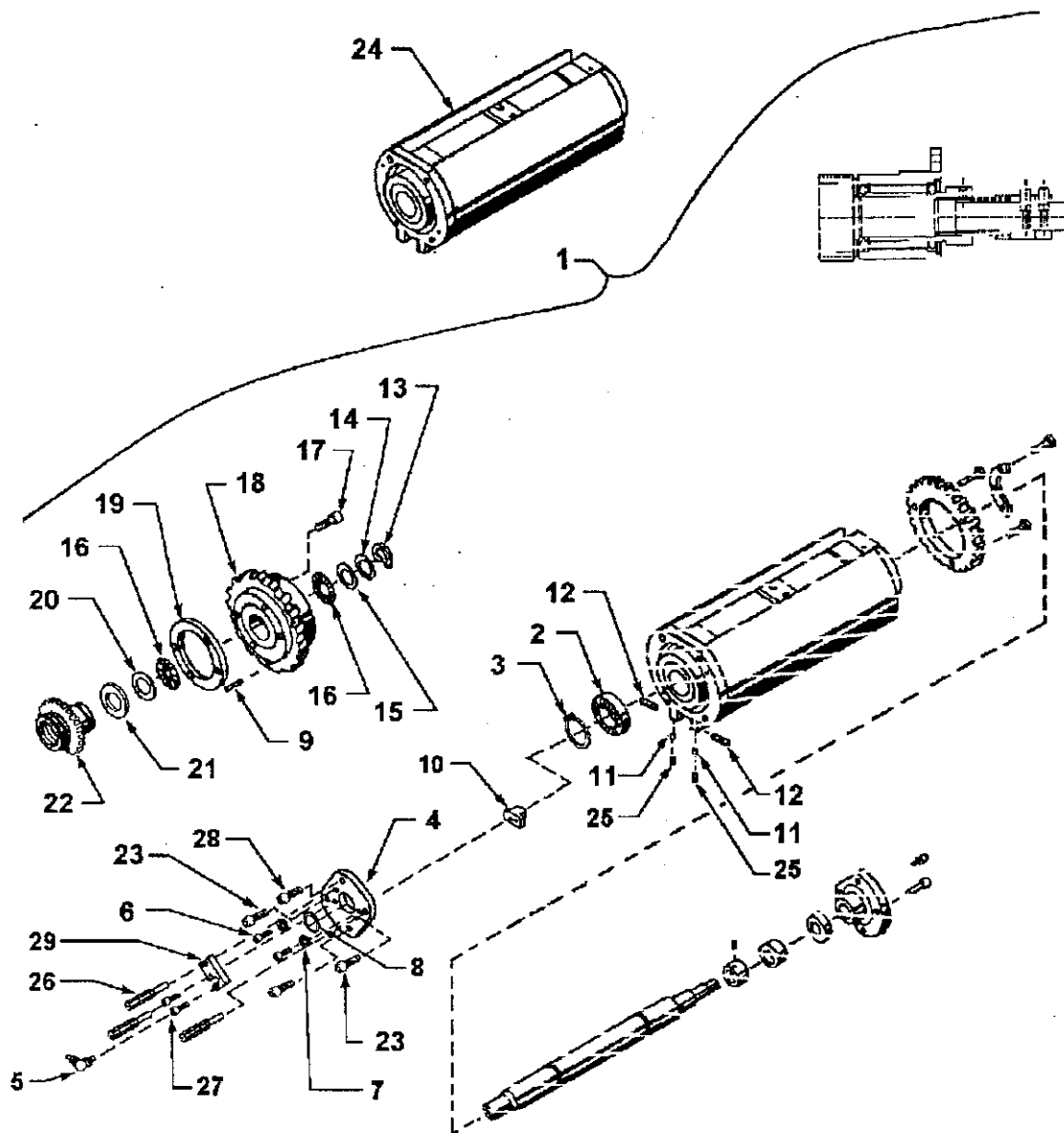
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172213	LEVER	1
2	073482	COUPLING ROLL	3
3	179123	LEVER	1
4	001080	RETAINING RING	2
5	192766	WASHER -- .385 I.D., .755 O.D.	2
6	100653	SCREW -- cap	4
7	080298	SCREW -- 1/4-28 x 3/4"	5
8	101051	NUT -- 10-32	5
9	080299	ROLLER	5
10	179185	BLOCK ASSEMBLY	2
11	179834	STAND OFF AIR CYLINDER	2
12	196881	SPRING -- compression	2
13	172710	AIR CYLINDER	2
14	001060	RETAINING RING	4
15	179370	CLEVIS -- piston rod	2
16	179813	FITTING SWIVEL -- 1/8"	2
17	179815	BARB	2
18	100653	SCREW -- cap, 1/4-28 x 3/4"	2
19	180363	STOP	1
20	179163	STAND OFF	3
21	014600	BUSHING -- oilite	

TOWERS



MASTER CYLINDER -- PART 1

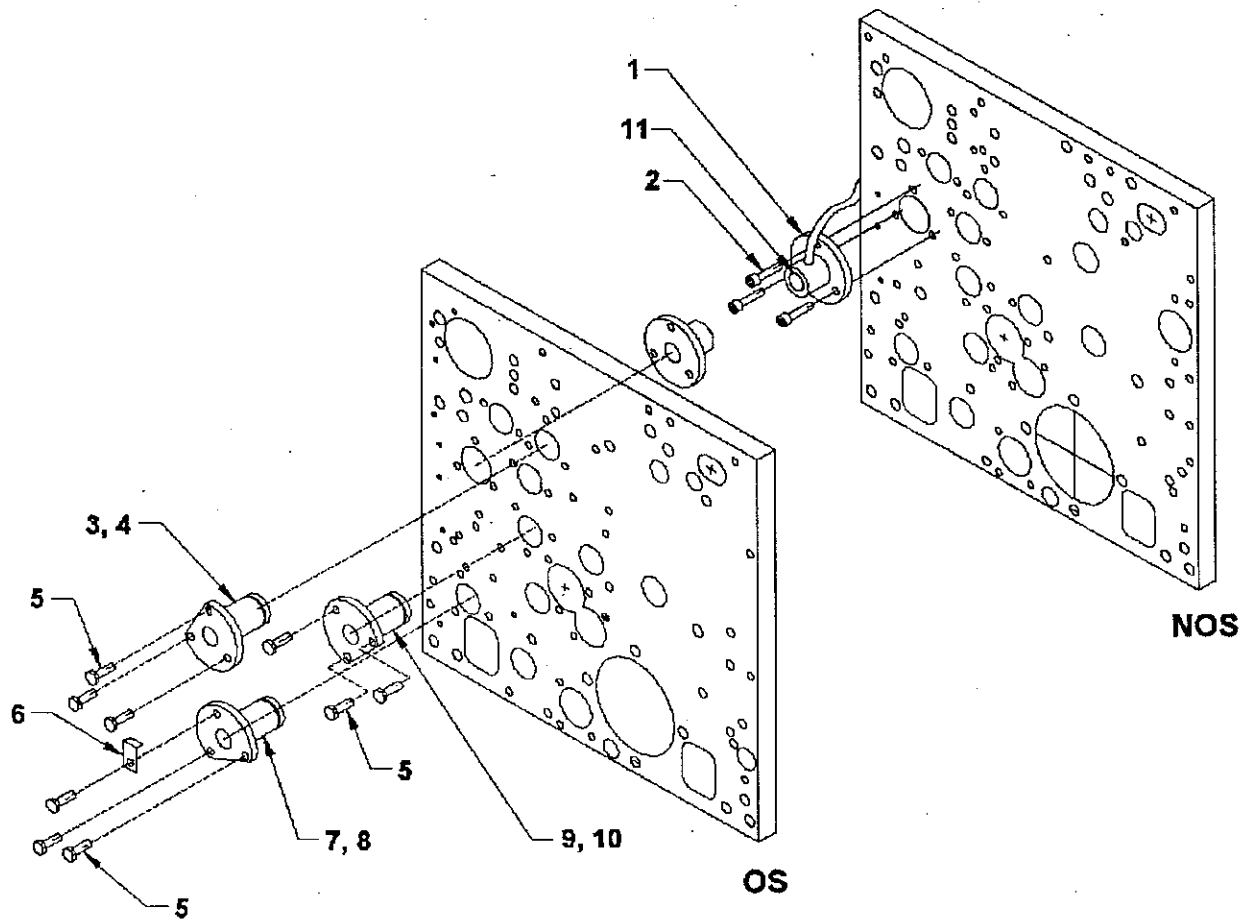
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173964	MASTER CYLINDER -- tower one	1
2	172904	HOUSING -- idler gear	2
3	102245	BALL BEARING -- radial	4
4	102246	RETAINING RING	2
5	102247	SCREW -- set	2
6	081609	CRANK	4
7	195930	SPRING	2
8	172906	SLEEVE	2
9	172905	NUT	2
10	172907	SPACER	2
11	172903	GEAR AND MAIN IDLER	2
12	102263	WASHER -- spring	4
13	014274	SCREW -- 1/4-28 x 11/16"	12
14	179171	CLAMP -- bearing	4
15	179018	GEAR -- spur, nos	2
16	172522	CYLINDER -- master	2
17	102236	BALL BEARING	2
18	179170	HUB -- support, cylinder, nos	2
19	196832	FITTING -- grease, nos	2
20	100860	SCREW -- cap, 3/8-24 x 1"	16
21	173370	NUT -- bearing preload	2
22	173371	SPACER -- bearing preload	2
23	102243	SCREW -- set, 1/4-20 x 3/16"	2
24	179056	SHAFT -- master cylinder	2

[illegible]

MASTER CYLINDER -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173964	MASTER CYLINDER -- tower one	1
2	102236	BALL BEARING	2
3	173376	RETAINING RING	2
4	179150	HUB -- support, cylinder, os	2
5	197106	FITTING -- grease, os	2
6	100339	SCREW -- cap, 1/4-28 x 3/8"	2
7	091203	WASHER -- 1/4 i.d. x 1/2 o.d. x 1/32"	2
8	180362	SEAL -- grease	2
9	192230	PIN -- dowel	4
10	172402	BLOCK -- dog	2
11	172404	INSERT -- brass	2
12	014386	SCREW -- set	2
13	102018	RETAINING RING	2
14	102023	WASHER -- spring	4
15	196831	WASHER -- thrust, thick	1
16	102019	BEARING -- needle, thrust	2
17	014304	SCREW -- cap, 1/4-28 x 1 1/2"	4
18	172721	GEAR -- dog assembly	1
19	179152	PLATE -- thrust	1
20	196830	WASHER -- thrust, thin	1
21	180361	SEAL -- v-ring	1
22	179151	GEAR -- adjust, rotation	1
23	100860	SCREW -- cap, 3/8-24 x 1"	6
24	173965	MASTER CYLINDER -- tower two	1
25	014386	SCREW -- set	2
26	179163	STAND OFF	3
27	100653	SCREW -- cap	2
28	102047	SCREW -- cap	1
29	180363	STOP	1

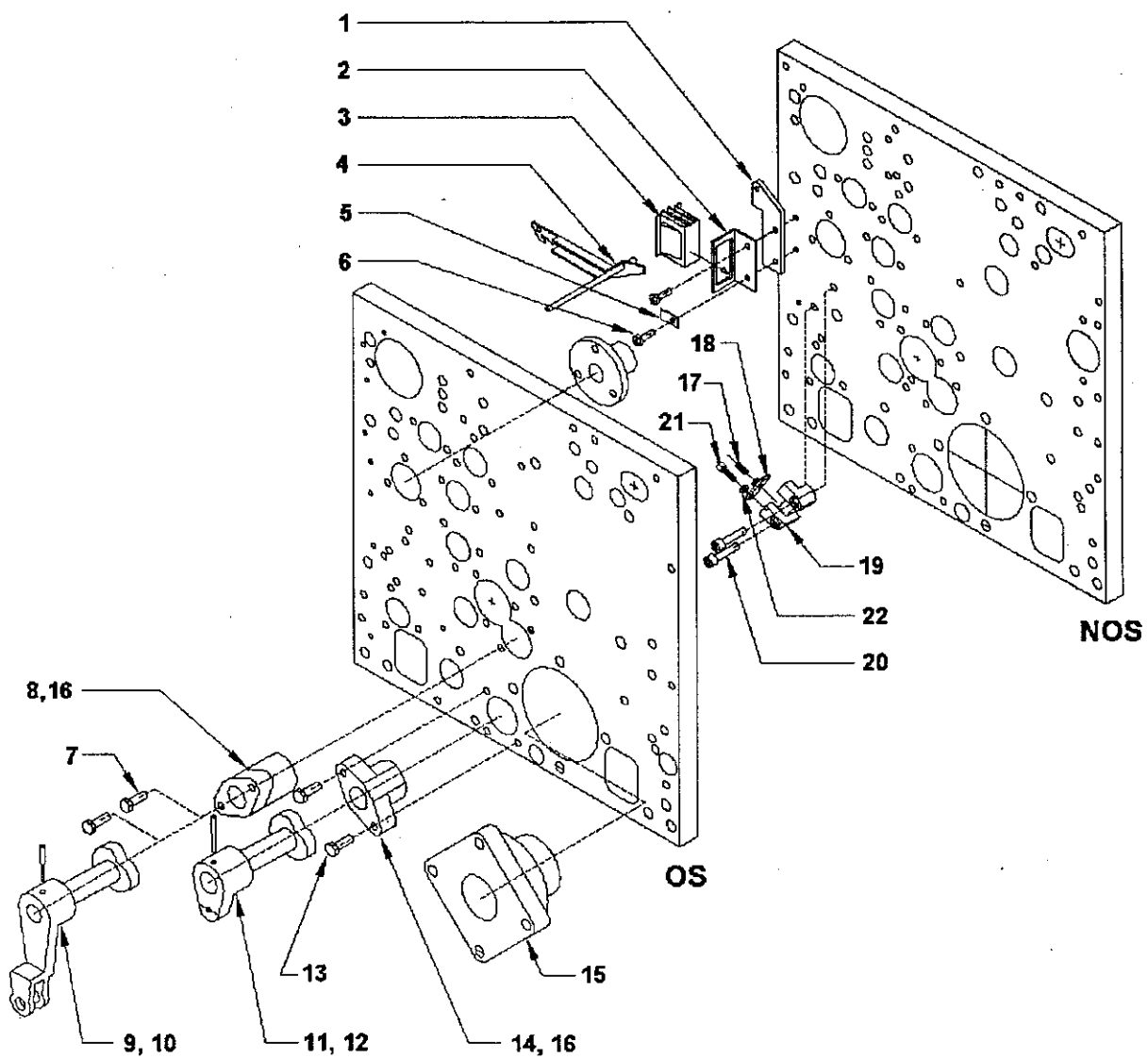
TOWERS



BEARING HOUSINGS -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180838	BUSHING HOUSING	2
2	100653	SCREW	6
3	173025	BEARING HOUSING -- oscillating shaft, os	1
4	173029	BEARING HOUSING -- oscillating shaft, nos	1
5	102042	SCREW -- hex head, cp	6
6	180282	CLIP -- tube ret.	1
7	173027	BEARING HOUSING -- oscillating shaft, os	1
8	173031	BEARING HOUSING -- oscillating shaft, nos	1
9	173026	BEARING HOUSING -- oscillating shaft, os	1
10	173030	BEARING HOUSING -- oscillating shaft, nos	1
11	001461	BUSHING	2

TOWERS



BEARING HOUSINGS -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180873	LATCH -- support, tower one only	2
2	178355	BRACKET -- magnet	2
3	101548	CATCH -- magnetic	3
4	178199	LATCH ASSEMBLY -- tower one only	2
5	180490	CLIP -- tubing	2
6	001555	SCREW -- 10-32 x 1/2"	4
7	021159	SCREW -- 1/4-28 x 1 1/4"	4
8	179090	BEARING HOUSING ASSEMBLY	2
9	179193	SHAFT ASSEMBLY -- os	1
10	179332	SHAFT ASSEMBLY -- nos	1
11	179192	SHAFT ASSEMBLY -- os	1
12	179333	SHAFT ASSEMBLY -- nos	1
13	021159	SCREW -- 1/4-28 x 1 1/4"	2
14	179090	BEARING HOUSING ASSEMBLY -- cam pivot shaft	2
15	179170	HUB -- cylinder support, nos	1
16	014618	BUSHING	4
17	102293	SCREW -- special, 1/4-28 x 1 1/4"	2
18	172792	PLATE -- retainer, bearing, cover, large adjustment	2
19	179081	BEARING -- retainer	2
20	014157	SCREW -- cap, 1/4-28 x 1 1/4"	4
21	014162	SCREW -- 1/4-28 x 1/2"	2
22	001726	WASHER -- 1/4 x 7/16"	1

TOWERS

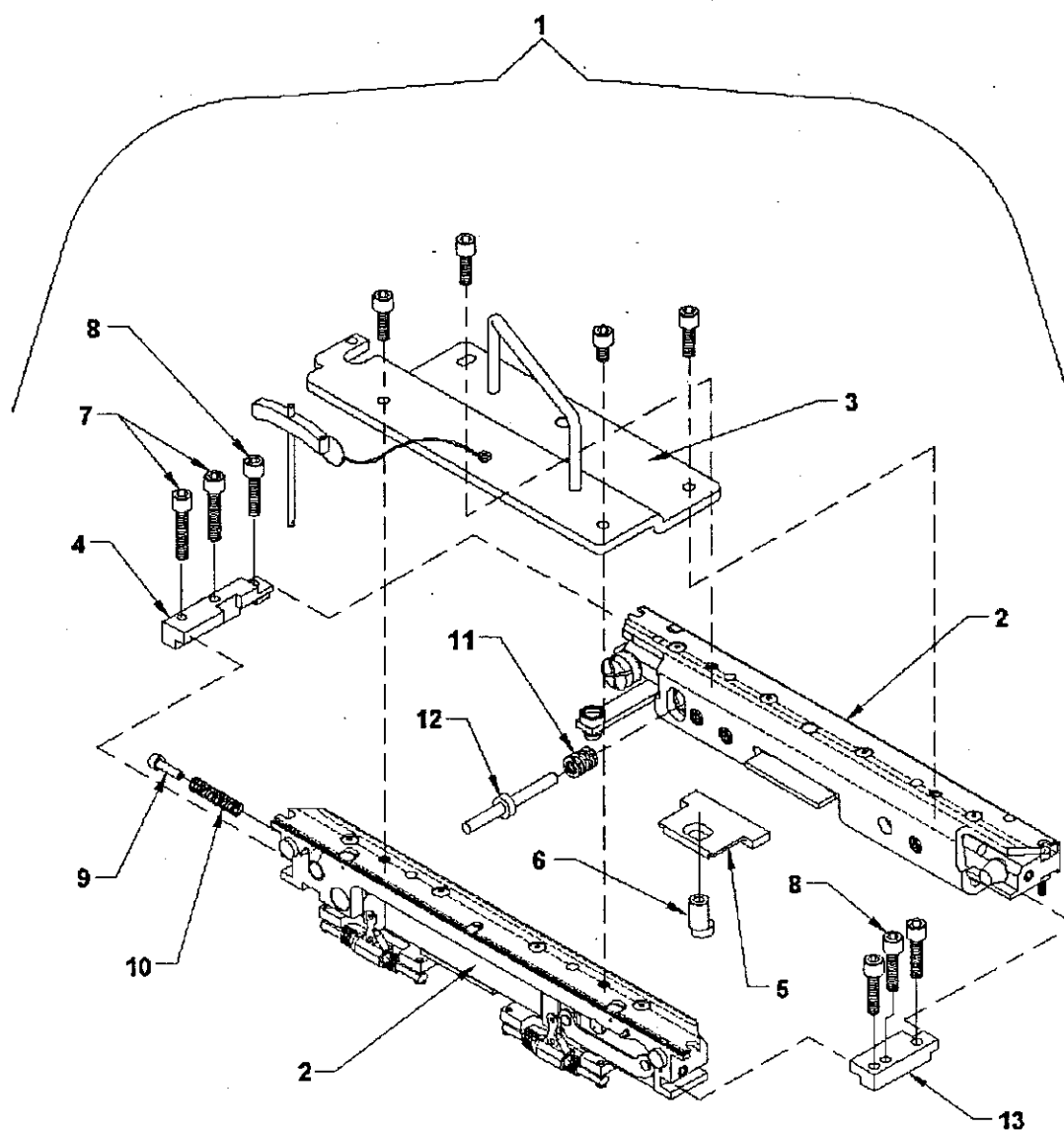


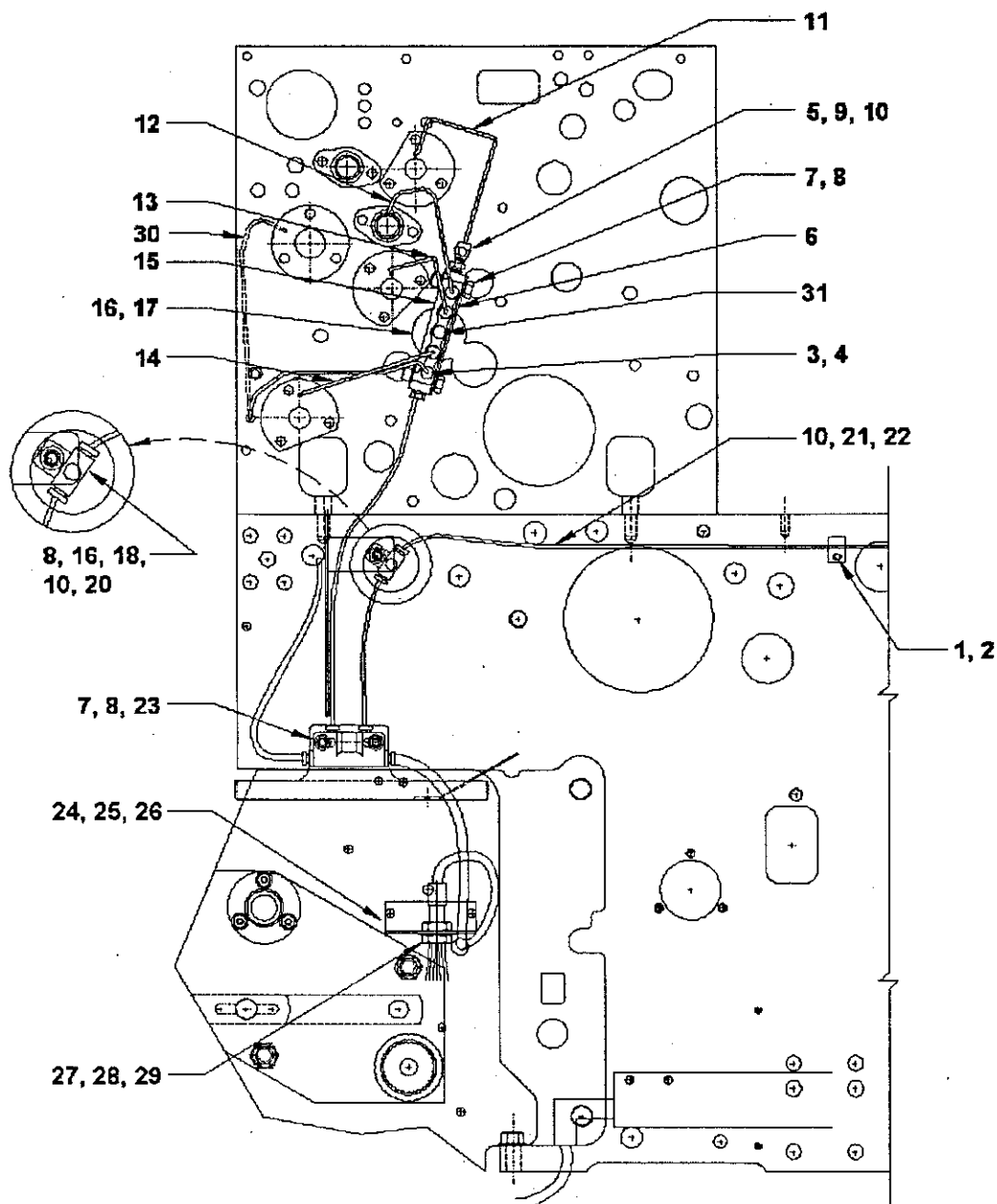
PLATE CLAMP ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173943*	CLAMP -- plate cylinder	1
2	173400	PLATE CLAMP ASSEMBLY	1
2	172731	CLAMP -- lead	1
2	172732	CLAMP -- trail	1
3	173158	INSTALLATION TOOL	1
4	180881	RETAINER -- base, nos	1
5	172437	PUSHER -- plate clamp	1
6	172438	CRANK	1
7	102291	SCREW -- 1/4-28 x 1"	2
8	102290	SCREW -- 1/4-28 x 3/4"	4
9	180581	SPRING -- nose	1
10	197168	SPRING -- compression	1
11	197209	SPRING -- compression	1
12	172223	PIN -- preload	1
13	172399	GUIDE -- trailing, os	1

* Affix green tag and return part if found defective.

Oiling System

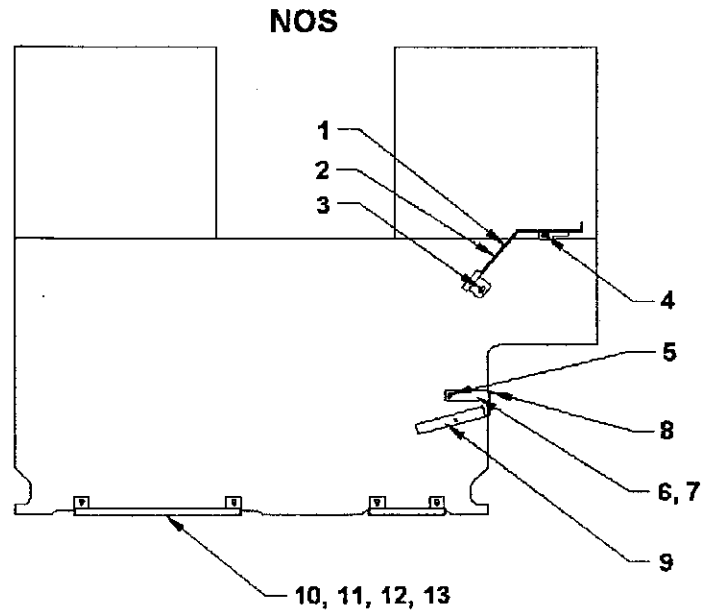
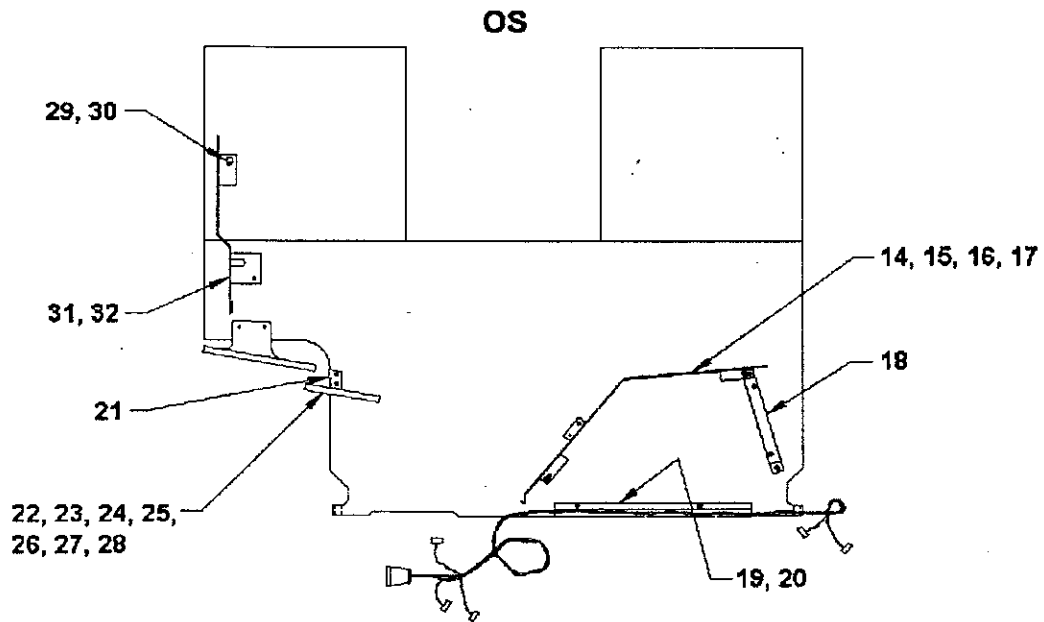
OILING SYSTEM



OS TOWER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180491	CLIP -- tubing	2
2	001106	SCREW -- 10-32 x 5/16"	2
3	180496	SLEEVE -- compression, 3/32" tubing	7
4	180493	NUT -- compression, 3/32" tubing	7
5	173171	METER UNIT	7
6	179926	BRACKET -- angle	2
7	014165	SCREW -- cap, 1/4-28 x 1"	6
8	001731	WASHER -- lock, 1/4"	6
9	180492	NUT -- compression, 5/32" tubing	10
10	180494	BUSHING -- compression, 5/32" tubing	18
11	173138	TUBING -- formed, 6.14"	2
12	173168	TUBING -- formed, 6.84"	2
13	173133	TUBING -- formed, 6.52"	2
14	173134	TUBING -- formed, 7.84"	2
15	180483	JUNCTION -- 7-way, single	2
16	101626	SCREW -- cap, 1/4-28 x 5/8"	5
17	014807	NUT -- 1/4-28	4
18	253918	SWITCH -- pressure	1
19	180501	ADAPTOR -- straight	1
20	180480	JUNCTION -- 3-way	1
21	178404	TUBING -- natural, .106 i.d., 5/32" o.d., (sold 18')	1
22	180497	SLEEVE -- compression, 5/32" tubing	8
23	180482	JUNCTION -- 4-way, single	1
24	179928	BRACKET -- angle, chain delivery brush	1
25	150083	NUT -- lock, 10-32	2
26	111056	SCREW -- 10-32 x 5/8"	2
27	180502	BRUSH ASSEMBLY	1
28	180500	ADAPTOR -- 90 degree	1
29	180498	CONNECTOR -- 90 degree	1
30	178406	TUBING -- natural, .054 i.d., 3/32" o.d., (sold 6.5')	1
31	173173	PLUG -- closure	1

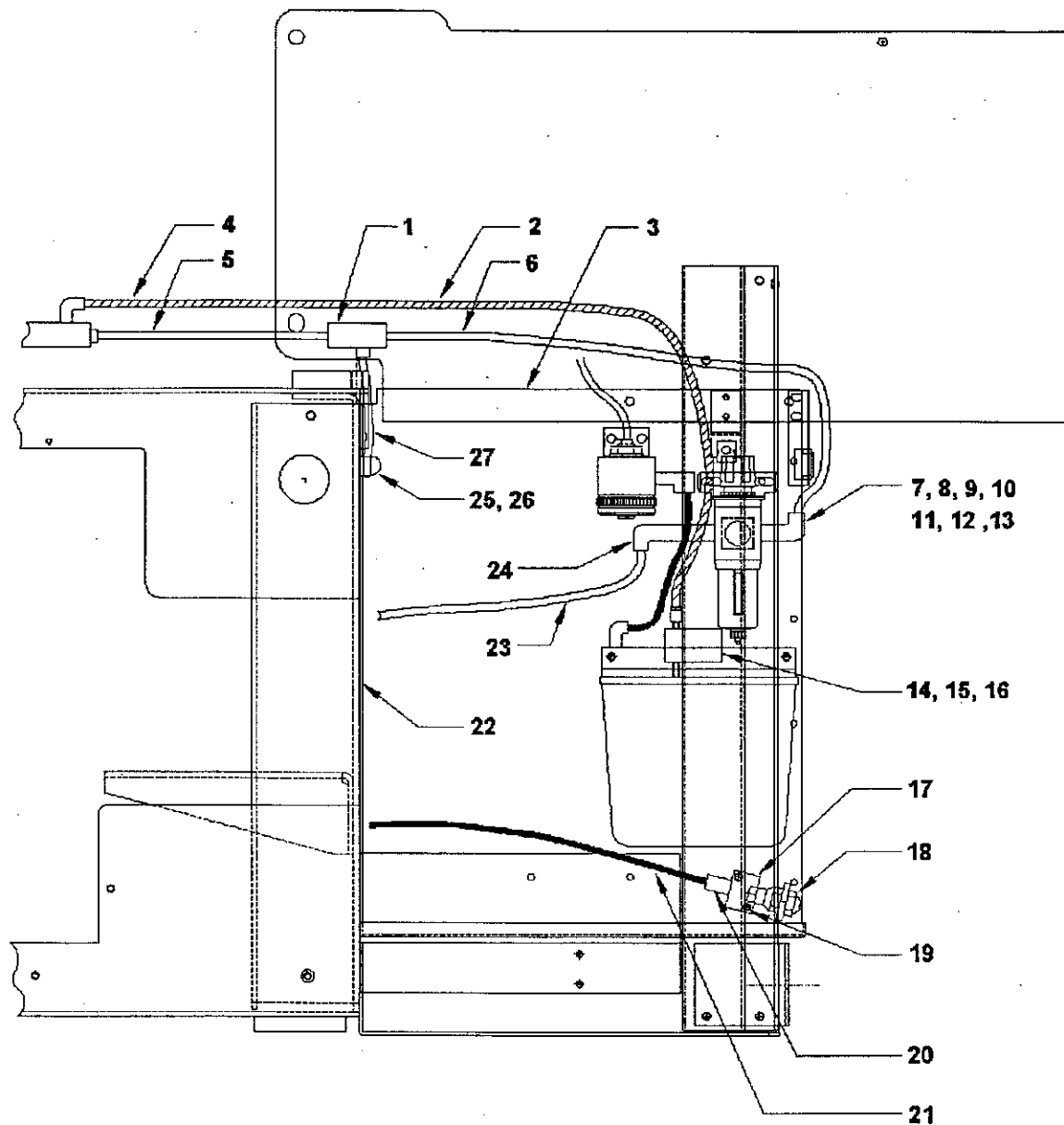
OILING SYSTEM



OIL DRIP TRAYS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173122	GASKET	1
2	173118	SHIELD ASSEMBLY	1
3	001220	SCREW -- 10-32 x 3/8"	1
4	100339	SCREW -- cap, 1/4-28 x 3/8"	1
5	196999	SPACER	1
6	111059	SCREW -- hex washer, 10-32 x 1"	1
7	173123	SHIELD -- oil	1
8	001812	NUT -- hex, 10-32	1
9	173143	GASKET -- rubber	1
10	179697	PAN -- drip	1
11	179698	PAN -- drip	1
12	001731	WASHER -- lock, .250 i.d., .485 o.d.	4
13	101626	SCREW -- 1/4-28 x 5/8"	4
14	173112	SHIELD -- arm	1
15	173113	EXTRUSION -- rubber	1
16	100339	SCREW -- cap, 1/4-28 x 3/8"	3
17	001731	WASHER -- lock, .250 i.d., .485 o.d.	1
18	172899	BRACKET -- harness	2
19	173145	COVER -- cable	1
20	102102	SCREW -- socket head, 10-32 x 3/16"	2
21	101626	SCREW -- 1/4-28 x 5/8"	2
22	173273	BRACKET	1
23	173274	SHIELD -- oil	1
24	100863	SCREW -- 10-32 x 1/4"	2
25	001052	WASHER	2
26	014165	SCREW -- 1/4-28 x 1"	2
27	001731	WASHER -- lock, .250 i.d., .485 o.d.	2
28	173143	GASKET -- rubber	1
29	014215	SCREW -- 10-32 x 3/8"	1
30	001052	WASHER -- .203 i.d., .500 o.d.	1
31	173114	SHIELD ASSEMBLY	1
32	173117	SEAL -- rubber	1

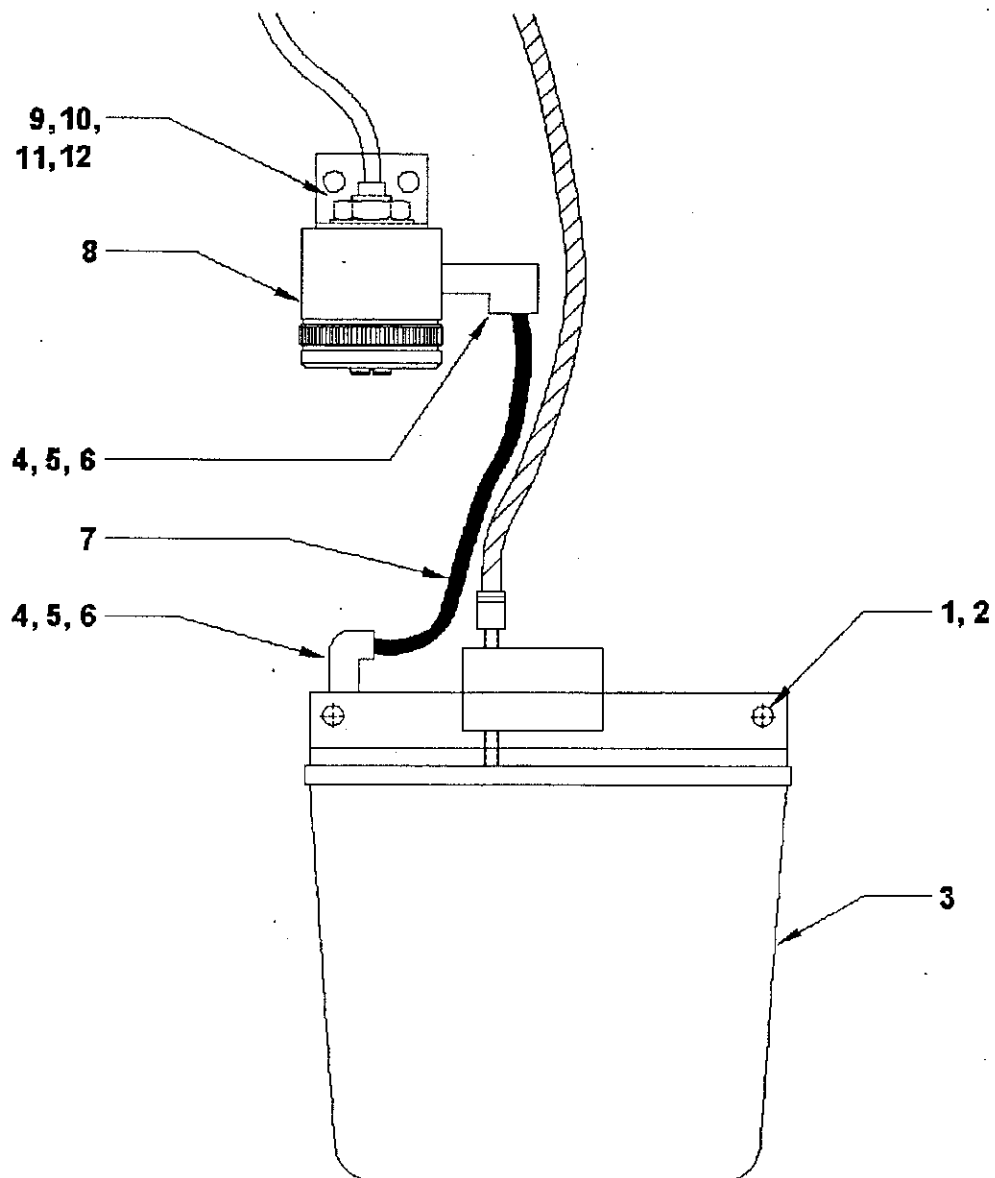
OILING SYSTEM



BASE ELECTRICAL

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	197397	TEE -- union, 3/8" o.d.	1
2	178401	TUBING -- natural, .170 i.d., .250 o.d., (sold 22.5')	1
3	173076	PAN -- oil pump	1
4	178401	TUBING -- natural, .170 i.d., .250 o.d., 23" (sold 22.5')	1
5	172713	TUBING -- black, .25 i.d., .375 o.d., 6" (sold 7.5')	1
6	172713	TUBING -- black, .25 i.d., .375 o.d., 17" (sold 7.5')	1
7	197396	FITTING -- male, elbow	1
8	172705	FILTER -- regulator	1
9	172706	BRACKET -- regulator	1
10	001649	SEMS UNIT	2
11	001702	WASHER -- .196 i.d., .500 o.d.	2
12	000666	WASHER -- lock, .196 i.d., .334 o.d.	2
13	001812	NUT -- hex, 10-32	2
14	179804	NIPPLE -- close	2
15	253383	CONNECTOR	1
16	196971	CONNECTOR -- male	1
17	172704	BLOCK COUPLING	1
18	179832	DRAIN COCK	1
19	001649	SEMS UNIT	2
20	197395	FITTING -- male	1
21	172713	TUBING -- black, .25 i.d., .375 o.d., 18" (sold 7.5')	1
22	173083	GASKET -- foam rail, 1 1/2'	1
23	172713	TUBING -- black, .25 i.d., .375 o.d., 15" (sold 7.5')	1
24	197395	FITTING -- male	1
25	197416	RIVET -- snap	2
26	250098	CLAMP -- cable	2
27	172713	TUBING -- black, .25 i.d., .375 o.d., 30" (sold 7.5')	1

OILING SYSTEM

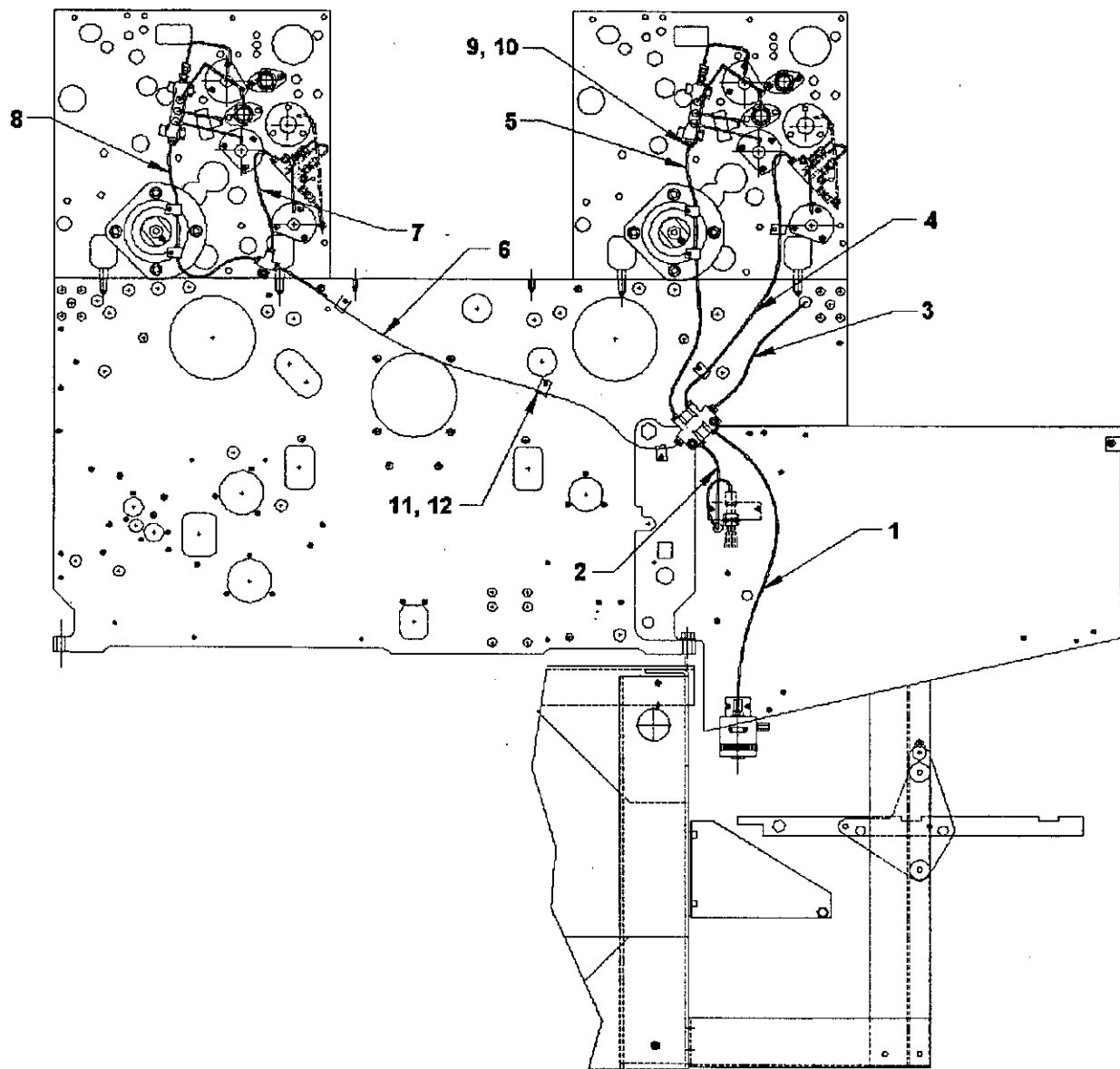


OILING SYSTEM

NOS OILING SYSTEM RESERVOIR

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	000666	WASHER -- lock, .198 i.d., .334 o.d.	2
2	001812	NUT -- hex, 10-32	2
3	180477	LUBRICATOR -- one liter	1
4	180500	ADAPTOR -- 90 degree	2
5	180494	BUSHING -- compression, 5/32"	2
6	180497	SLEEVE -- compression, 5/32"	2
7	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 7" (sold 18')	1
8	180478	FILTER ASSEMBLY	1
9	001649	SEMS UNIT	1
10	001702	WASHER -- .195 i.d., .500 o.d.	1
11	000666	WASHER -- lock, .198 i.d., .334 o.d.	1
12	001812	NUT -- hex, 10-32	1

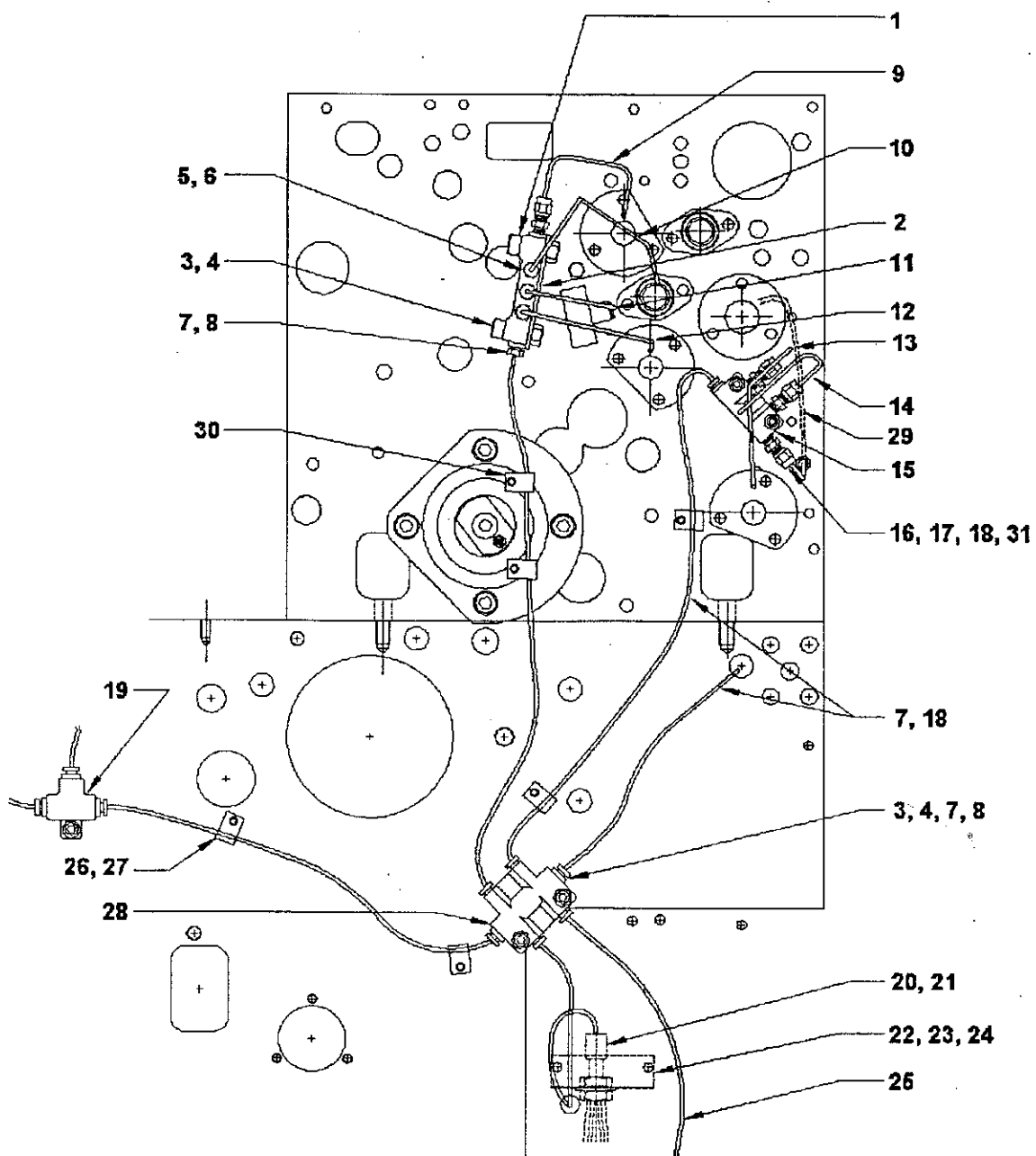
OILING SYSTEM



NOS TOWER -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 18" (sold 18')	1
2	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 11 1/2" (sold 18')	1
3	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 35 1/2" (sold 18')	1
4	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 16" (sold 18')	1
5	178404	TUBING -- natural, .106 i.d., 5/32 o.d., 15 1/2" (sold 18')	1
6	178404	TUBING -- natural, .106 i.d., 5/32 o.d., 24" (sold 18')	1
7	178404	TUBING -- natural, .106 i.d., 5/32 o.d., 7" (sold 18')	1
8	178404	TUBING -- natural, .106 i.d., 5/32 o.d., 12" (sold 18')	1
9	180494	BUSHING -- compression	12
10	180497	SLEEVE -- compression	12
11	180491	CLIP -- tubing, 5/32	4
12	001220	SCREW -- 10-32 x 3/8"	4

OILING SYSTEM



OILING SYSTEM

NOS TOWER -- PART 2

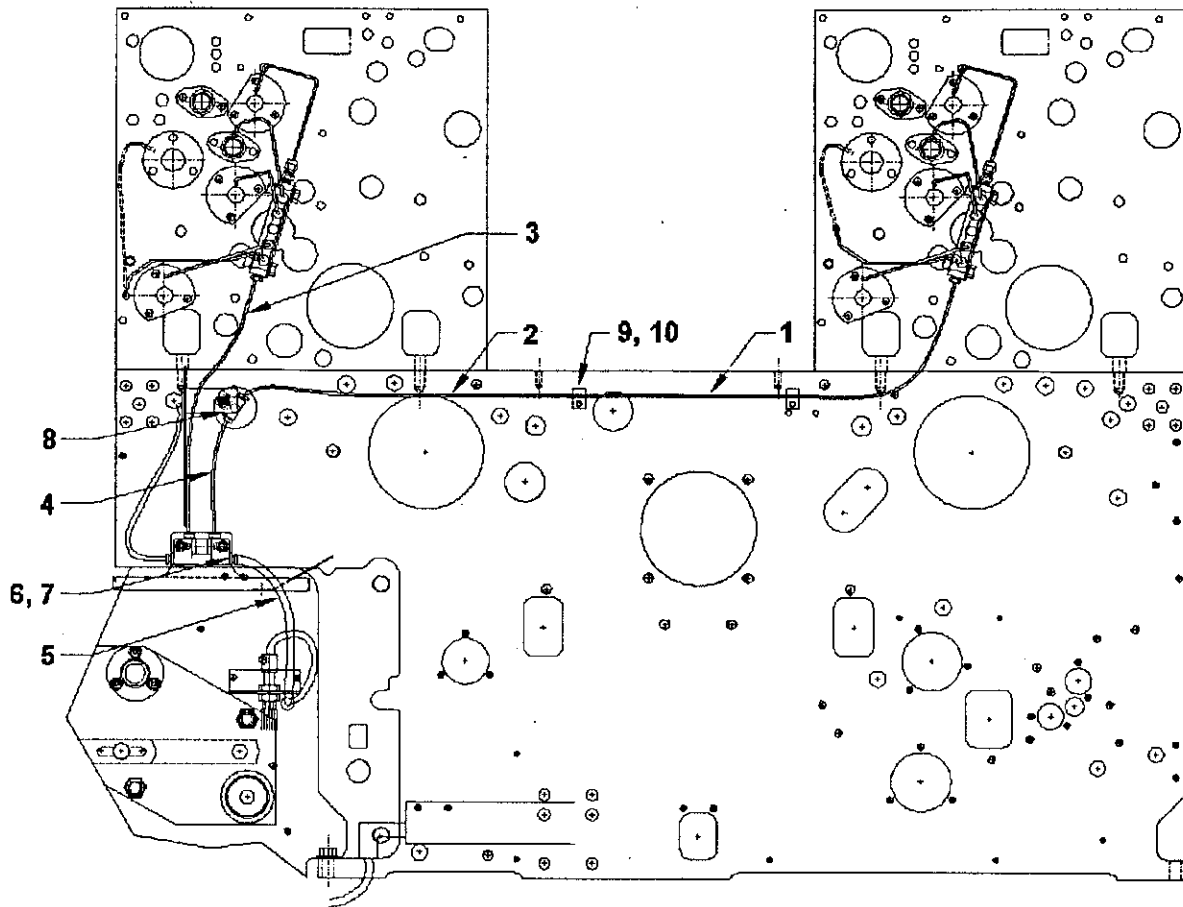
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180484	JUNCTION -- 5-way, single	2
2	180212	BRACKET -- angle	2
3	014165	SCREW -- cap, 1/4-28 x 1"	11
4	001731	WASHER -- lock, 1/4"	6
5	101626	SCREW -- cap, 1/4-28 x 5/8"	4
6	014807	NUT -- 1/4-28	4
7	180497	SLEEVE -- compression, 5/32" tubing	25
8	180494	BUSHING -- comp, 5/32	12
9	173135	TUBING -- formed, 4/40"	2
10	173167	TUBING -- formed, 8/64"	2
11	173170	TUBING -- formed, 4/06"	2
12	173137	TUBING -- formed, 6.85"	2
13	173169	TUBING -- formed, 5.93"	2
14	173366	TUBING -- formed, 4.89"	2
15	180482	JUNCTION -- 4-way, single	2
16	180496	SLEEVE -- compression, 3/32" tubing	7
17	180493	NUT -- compression, 3/32" tubing	7
18	180494	BUSHING -- compression, 5/32" tubing	13
19	180481	JUNCTION -- 3-way, tower one only	1
20	180502	BRUSH ASSEMBLY	1
21	180498	CONNECTOR -- 90 degree	1
22	179928	BRACKET -- angle, brush, chain delivery	1
23	111056	SCREW -- 10-32 x 4/8"	2
24	150083	NUT -- lock, 10-32	2
25	178404	TUBING -- natural, .106 i.d., 5/32" o.d., (sold 18')	1
26	180491	CLIP -- tubing, 5/32	9
27	001106	SCREW -- Phillips, 10-32 x 5/16"	9
28	180479	JUNCTION -- 6-way	1
29	178406	TUBING -- natural, .054 i.d., 3/32" o.d., (sold 6/5')	1
30	001220	SCREW -- pan head, 10-32 x 3/8"	4
31	173171	METER UNIT -- FJC-0	7

NOTE: Items 1-19 are for tower one and tower two NOS.

TOOLS NEEDED:

- 172733 . . . MAKE UP TOOL
- 172734 . . . PUNCH DRIVE TOOL FOR 3/32" NYLON TUBING

OILING SYSTEM



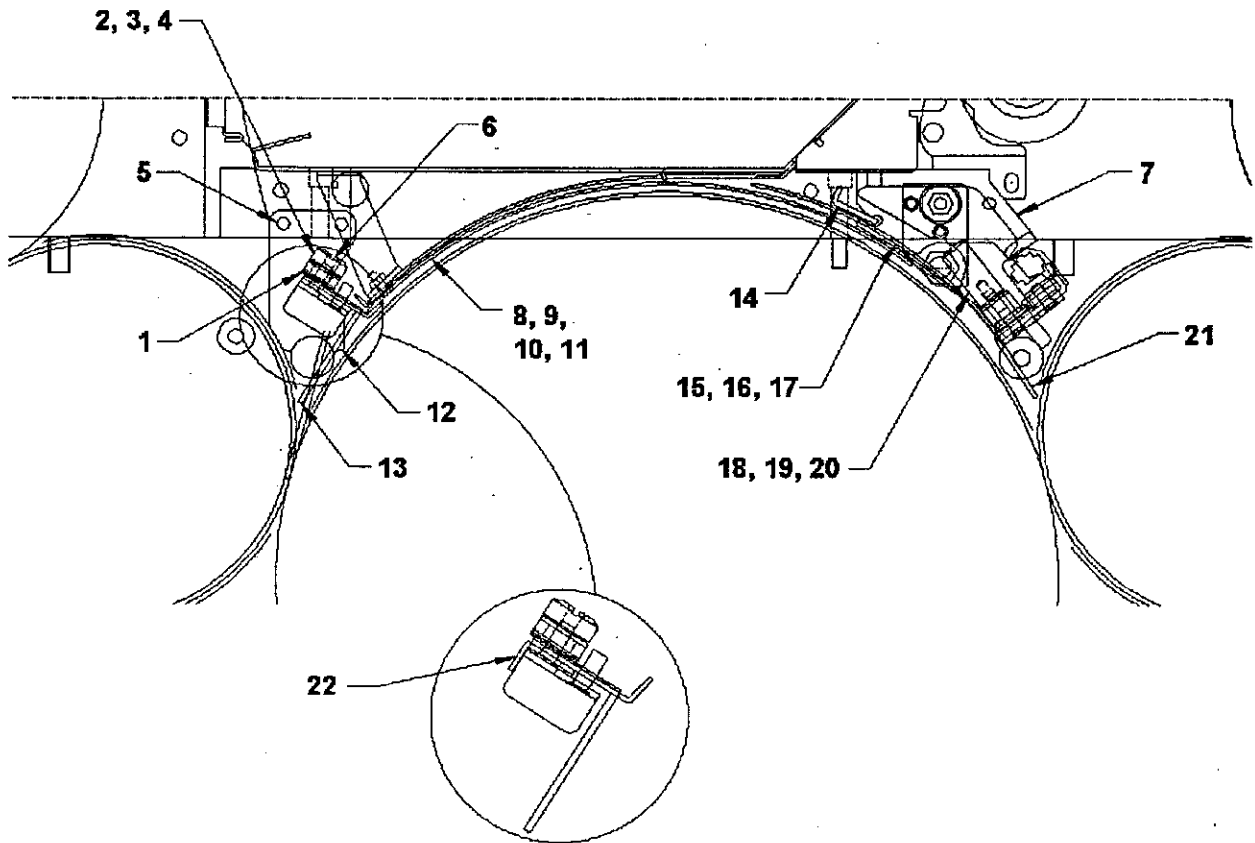
OILING SYSTEM

OS OILING SYSTEM

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178404	TUBING -- natural, .106 i.d., 5/32" o.d., (sold 18')	1
2	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 30" (sold 18')	1
3	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 11 1/2" (sold 18')	1
4	178404	TUBING -- natural, .106 i.d., 5/32 o.d., 6" (sold 18')	1
5	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 11 1/2" (sold 18')	1
6	180494	BUSHING -- compression, 5/32"	7
7	180497	SLEEVE -- compression, 5/32"	7
8	253918	OIL PRESSURE SWITCH	1
9	180491	CLIP -- tubing, 5/32	2
10	001106	SCREW -- Phillips, 10-32 x 5/16"	2

Mid Section

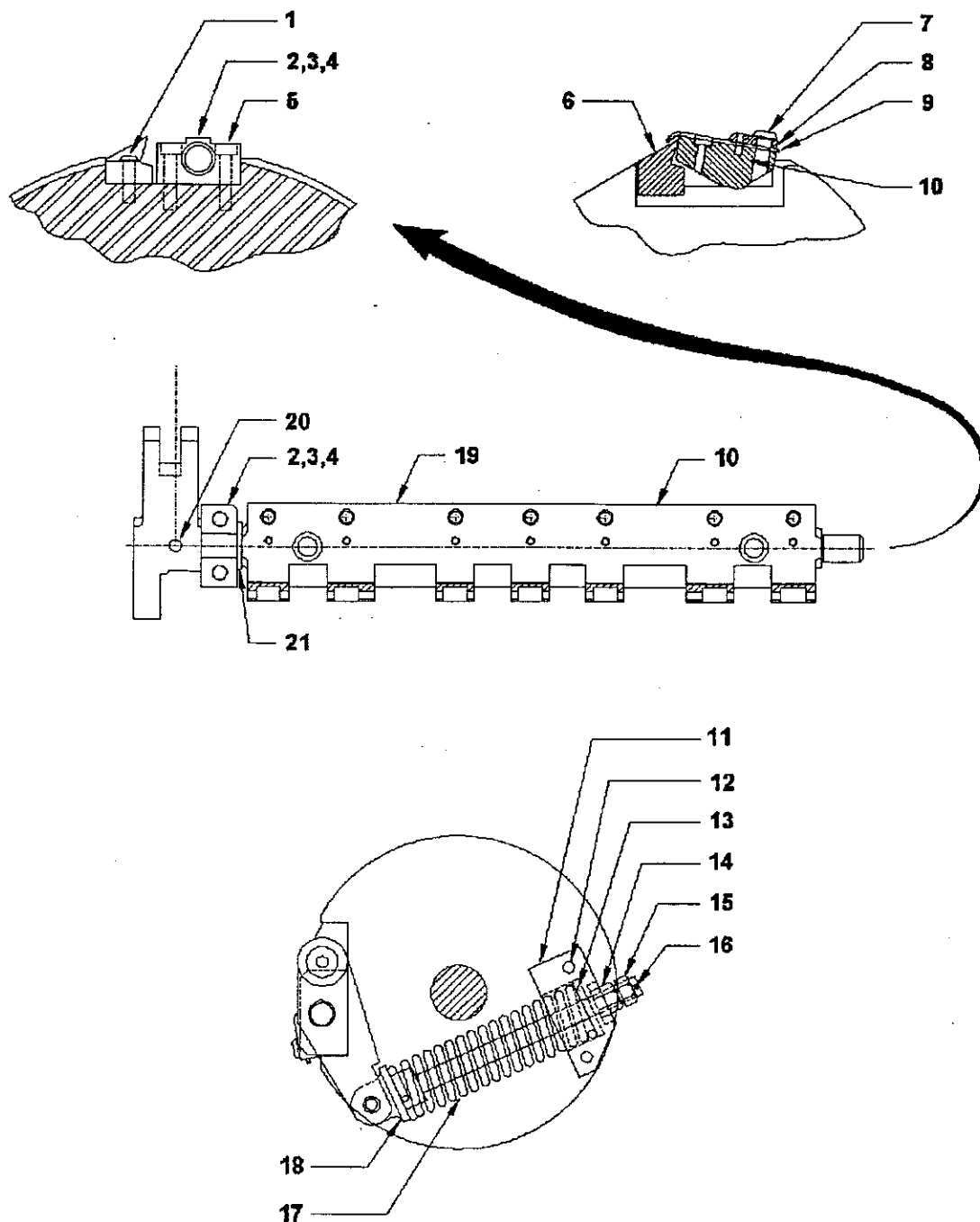
MID SECTION



ANTI-SCUFF UNIT

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	001080	RETAINING RING	2
2	100716	NUT -- lock, 6/32"	2
3	001568	SCREW -- 6/32 x 3/8"	2
4	173009	BRACKET	2
5	111057	SCREW -- 10-32 x 3/4"	4
6	173013	NUT -- thumb	2
7	173022	COVER -- cable	1
8	173014	IMPRESSION GUARD -- nos	1
9	173015	IMPRESSION GUARD -- os	1
10	173018	GASKET	4
11	014808	NUT -- 10-32	4
12	173010	BRACKET -- cross shaft, nos	1
12	173011	BRACKET -- cross shaft, os	1
13	173012	ANTI-SCUFF SEGMENT	1
14	173006	CHUTE -- support	1
15	001568	SCREW -- 6/32 x 3/8"	2
16	100716	NUT -- lock, 6/32	2
17	204185	WASHER -- nylon	2
18	173008	NUT -- thumb	2
19	001781	RING -- snap	2
20	014703	WASHER -- .384 i.d., .562 o.d.	2
21	173005	ANTI-SCUFF CHUTE	1
22	173819	BRACKET -- guard	1

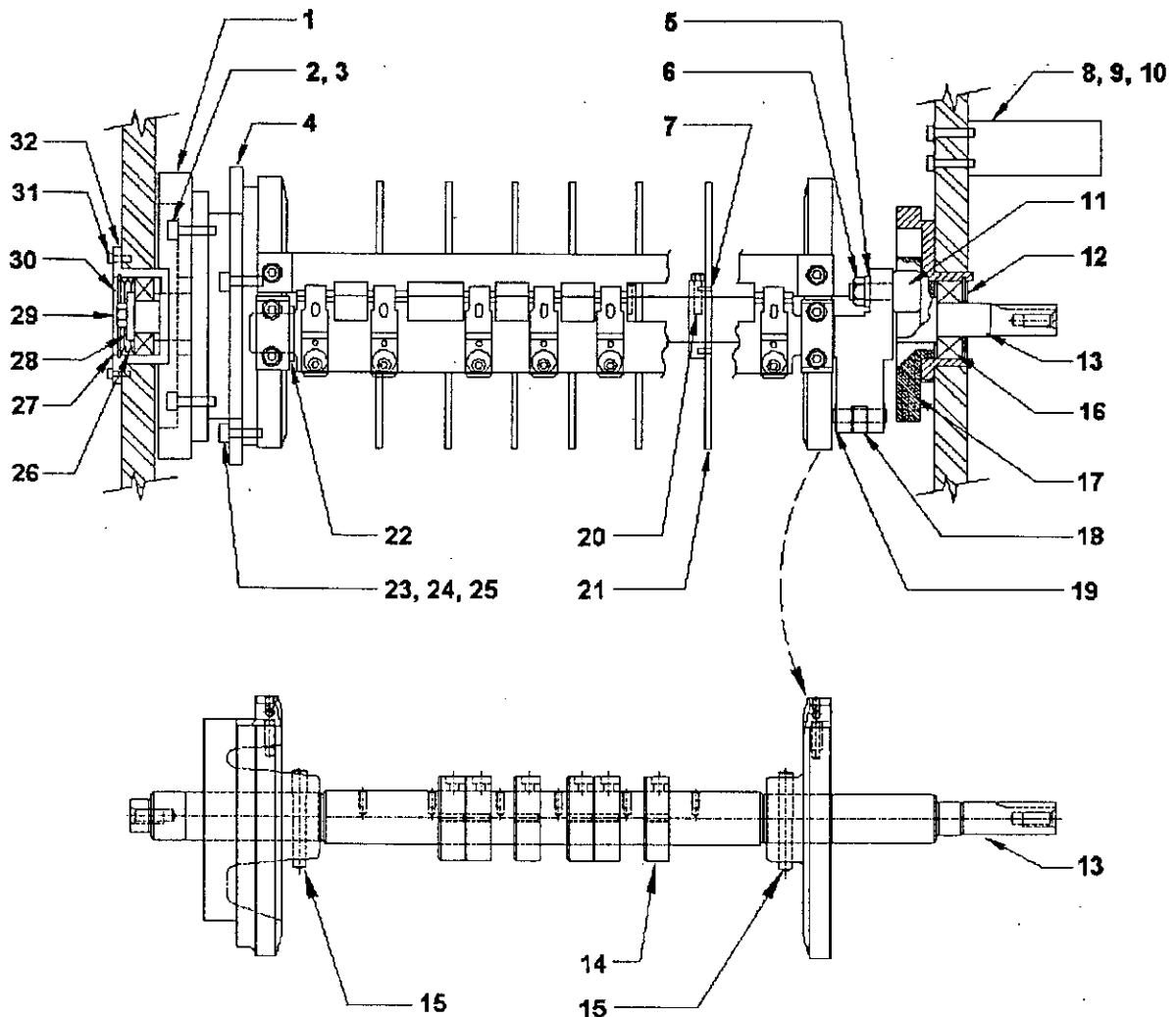
MID SECTION



TRANSFER CYLINDER GRIPPER SHAFT

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	100246	SCREW -- 1/4-20 x 1"	2
2	172600	BLOCK -- bearing assembly	2
3	172601	BLOCK BEARING	1
4	102141	SLEEVE -- bushing	1
5	102239	SCREW -- 1/4-20 x 1 1/2"	4
6	172594	ANVIL GRIPPER	1
7	102143	SCREW -- 5/16-24 x 5/8"	7
8	180349	PLATE GRIPPER	7
9	173659	GRIPPER FINGER	7
10	172595	TRANSFER BAR GRIPPER ASSEMBLY	1
11	178526	BRACKET -- spring anchor	1
12	014123	SCREW -- 5/16-18 x 1 3/8"	2
13	178528	GUIDE -- spring	1
14	197132	NUT -- special, 3/8-24	1
15	190254	NUT -- special, 3/8-24	1
16	015369	PIN -- collar	1
17	197130	SPRING -- compression	1
18	178523	GUIDE ASSEMBLY SPRING	1
19	172595	TRANSFER BAR	1
20	102142	PIN -- taper	1
21	197137	WASHER -- nylon, .578 i.d., 1.000 o.d.	2

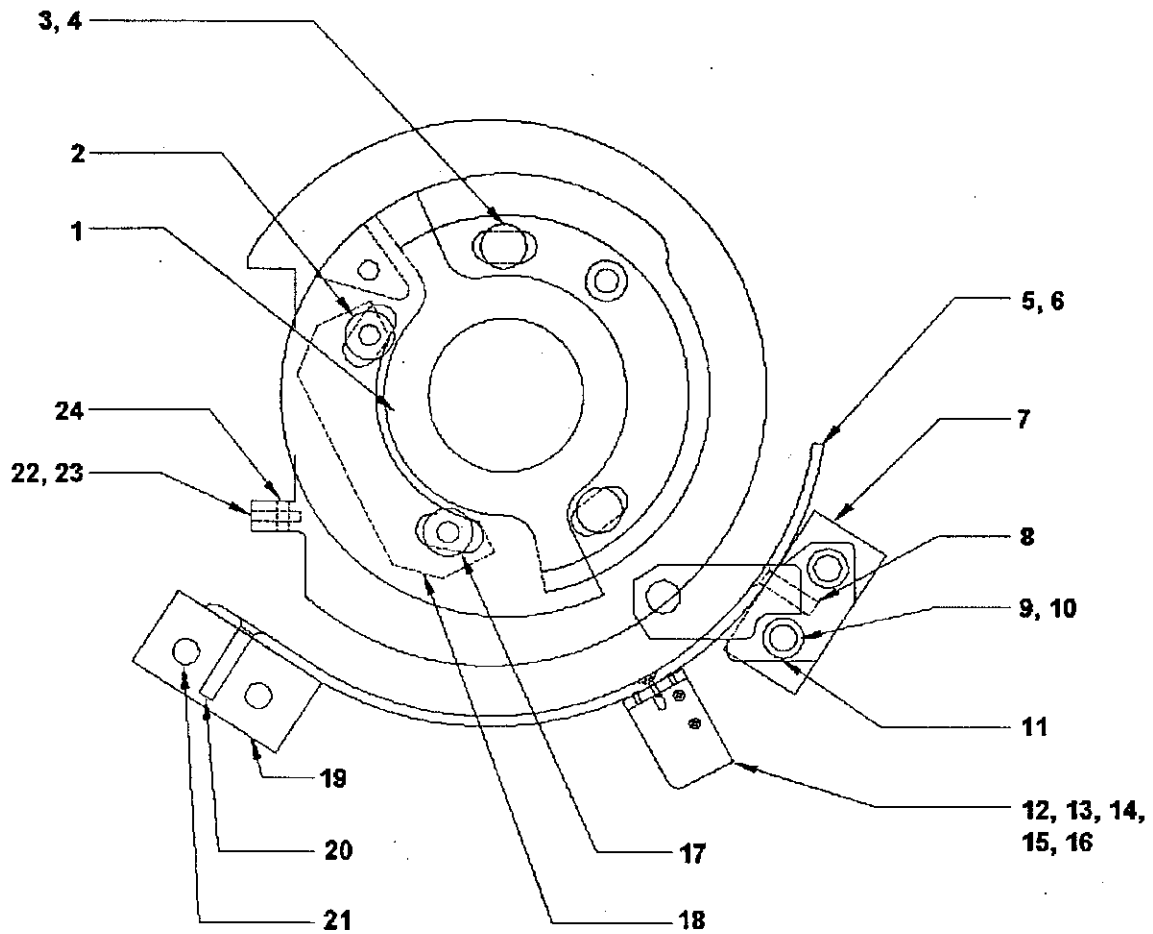
MID SECTION



TRANSFER CYLINDER SHAFT ASSEMBLY

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	173756	GEAR -- transfer cylinder	1
2	195234	WASHER -- .324 i.d., .562 o.d.	3
3	014123	SCREW -- 5/16-18 x 1 3/8"	3
4	173033	CAM FORWARDING	1
5	197452	WASHER -- 1 15/16"	1
6	102216	NUT -- 7/16-20	1
7	100185	SCREW -- nylok, 10-32 x 1/2"	12
8	178497	BLOCK -- indicator support	1
9	102040	SCREW -- 1/4-20 x 1.25"	2
10	192797	WASHER -- lock, .263 i.d., .489 o.d.	2
11	102136	TRACK ROLLER	1
12	102250	RETAINING RING	1
13	172589	TRANSFER SHAFT ASSEMBLY	1
14	172583	HUB	6
15	102259	PIN -- taper	2
16	102238	BALL BEARING	2
17	172616	CAM	1
18	178527	PIN -- pivot	1
19	001781	SNAP RING	2
20	100185	SCREW -- nylok, 10-32 x 1/2"	6
21	172582	DISK -- intermediate	6
22	197137	WASHER -- nylon, .578 i.d., 1.000 o.d.	1
23	001731	WASHER -- lock, .263 i.d., .485 o.d.	3
24	005071	WASHER -- .253 i.d., .500 o.d.	3
25	001269	SCREW -- 1/4-20 x 3/4"	3
26	173661	SPRING -- wave	1
27	173664	SUPPORT -- os	1
28	196955	WASHER -- .381 i.d., 1.000 o.d.	1
29	102254	SCREW -- 5-16 x 24 x 1"	1
30	173645	WASHER	2
31	111075	SCREW -- 1/4-28 x 7/8"	3
32	172609	HOUSING -- bearing, os	1

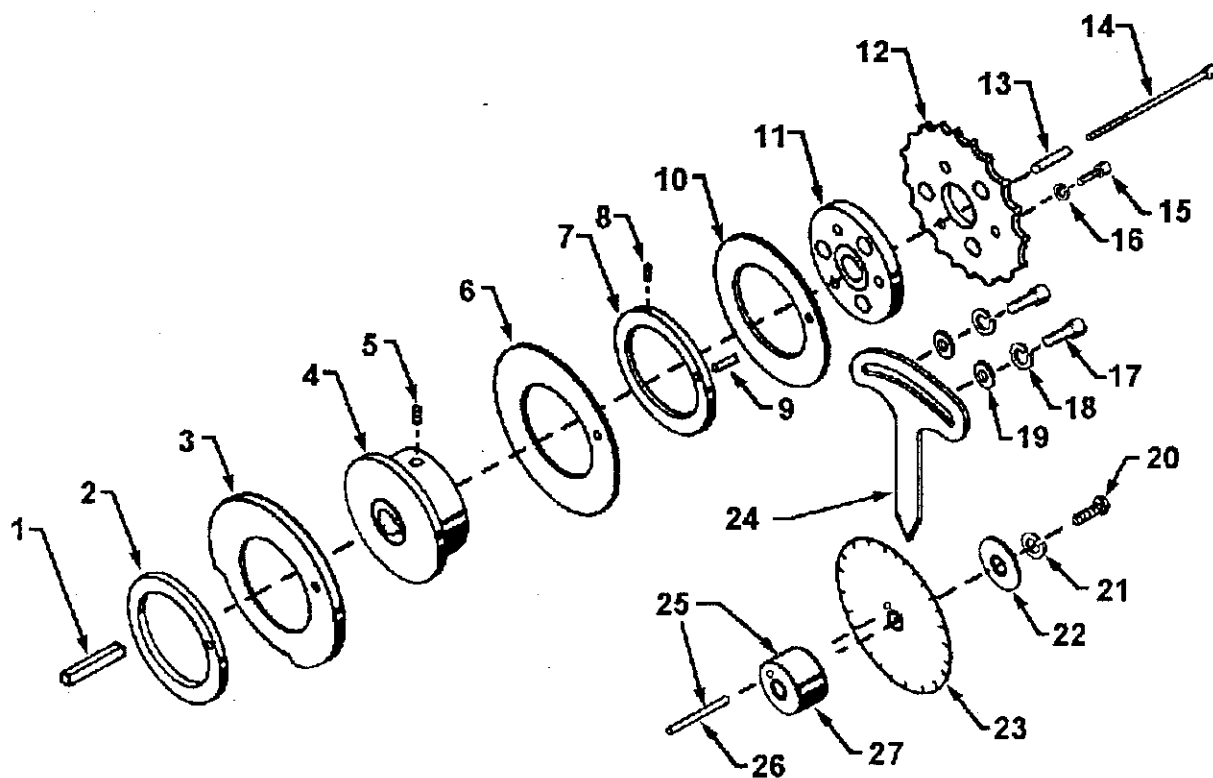
MID SECTION



TRANSFER CYLINDER PAPER GUIDES

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172615	CAM -- transfer cylinder	1
2	014106	SCREW -- 5/16-24 x 1"	1
3	014273	SCREW -- 5/16-24 x 3/4"	2
4	018062	WASHER	4
5	173125	PAPER GUIDE -- transfer cylinder	1
6	179523	PAPER GUIDE -- transfer cylinder	4
7	172335	SUPPORT -- paper guide	1
8	014327	SCREW -- 10-32 x 1/2"	5
9	102047	SCREW -- 3/8-24 x 1 1/4"	2
10	102121	SCREW -- 3/8-24 x 1 3/4"	2
11	172372	BRACKET -- follower pivot	1
12	172988	TRANSFER SENSOR	1
13	173516	BRACKET -- sensor	1
14	001590	SCREW -- 6/32 x 1/4"	1
15	100490	SCREW -- 2-56 x 1/2"	2
16	100137	NUT -- 2-56	2
17	014273	SCREW -- 5/16-24 x 3/4"	1
18	178510	SPACER	1
19	172830	SUPPORT -- paper guide	1
20	014327	SCREW -- 10-32 x 1/2"	5
21	102047	SCREW -- 3/8-24 x 1 1/4"	4
22	172404	INSERT BRASS	2
23	014386	SCREW -- set, 10-32 x 3/16"	2
24	133233	SCREW -- set, 10-32 x 3/8"	2

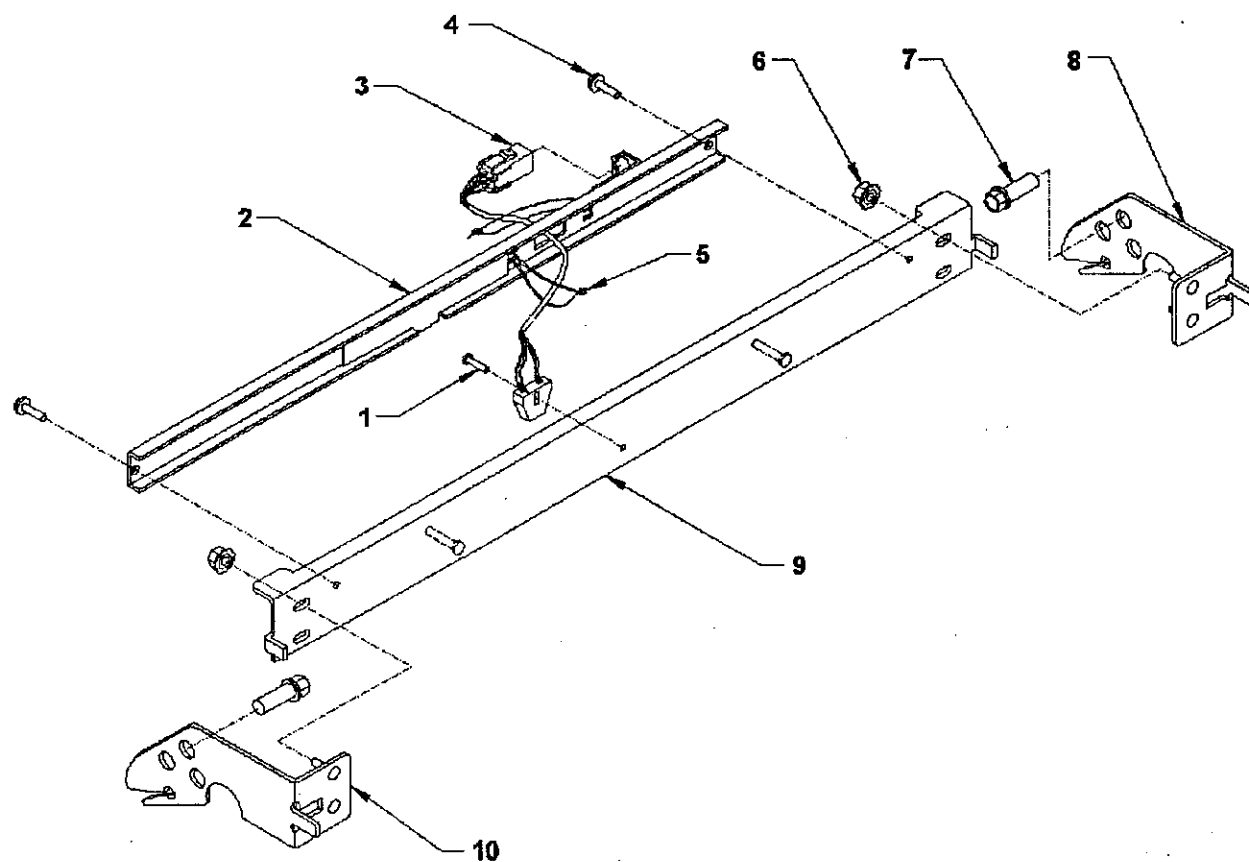
MID SECTION



TRANSFER CYLINDER CAM ASSEMBLY

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	197172	KEY -- 0.187 square	1
2	180916	HUB -- clamping	1
3	178830	CAM -- stop finger	1
4	180918	HUB -- cam	1
5	100367	SCREW -- set, 1/4-28 x 1/2"	1
6	172517	CAM -- bar	1
7	178827	RING -- cam	1
8	014386	SCREW -- set	1
9	001980	PIN -- .131/.135 o.d.	1
10	172516	CAM -- valve	1
11	172349	HUB -- sprocket	1
12	172413	SPROCKET -- transfer cylinder	1
13	197364	SLEEVE	3
14	102104	SCREW -- socket head cap, 1/4-28 x 2"	3
15	101626	SCREW -- 1/4-28 x 5/8"	1
16	192797	WASHER -- split lock	1
17	014195	SCREW -- cap	2
18	192797	WASHER -- split lock	2
19	005071	WASHER -- .253 i.d., .500 o.d.	2
20	178495	SCREW -- shoulder	1
21	001763	WASHER -- lock	1
22	001771	WASHER -- .253 i.d., .500 o.d.	1
23	179683	DIAL -- engraved	1
24	178494	INDICATOR	1
25	172098	SPACER ASSEMBLY	1
26	100880	PIN -- roll	1
27	178496	TR SPACER	1

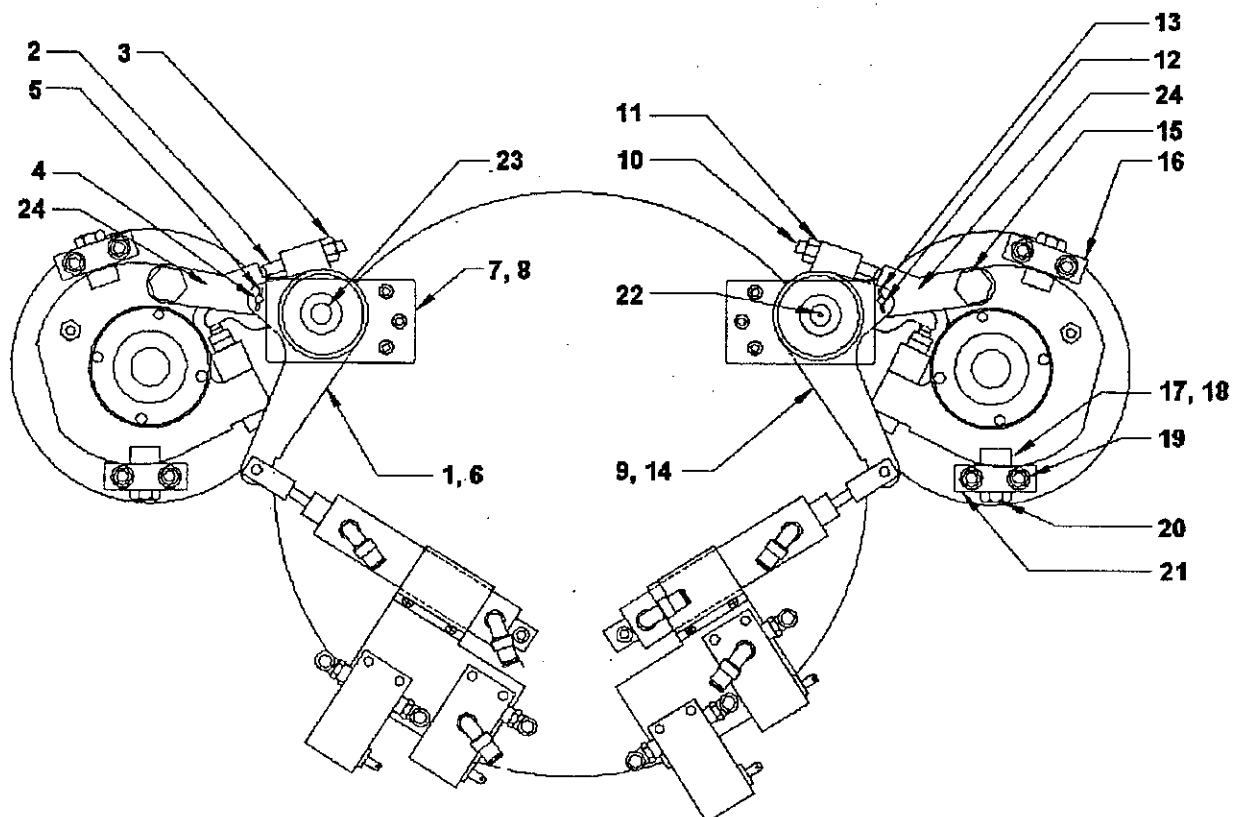
MID SECTION



LINE PNEUMATICS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	101299	SCREW -- 4-40 x 1/2"	1
2	173007	SENSOR CHANNEL	1
3	178186	BLANKET DETECTOR	1
4	001641	SCREW -- 8-32 x 1/2"	2
5	250077	STA-STRAP	1
6	014808	NUT -- 10-32	4
7	111052	SCREW -- 10-32 x 3/8"	4
8	173000	BRACKET -- sensor support, nos	1
9	173002	SENSOR SUPPORT	1
10	173001	BRACKET -- sensor support, os	1

MID SECTION



THROW ON/OFF LINKAGE (NOS)

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180261	LEVER ARM ASSEMBLY -- no. 4	1
2	102119	SCREW -- set, slotted, 5/16-18	2
3	100710	NUT -- 5/16-18	2
4	179322	PIN -- clevis	2
5	014921	PIN	2
6	179308	LEVER -- right	1
7	172979	SUPPORT -- machine, nos	2
8	102251	SCREW -- 5/16-24	6
9	180251	LEVER ARM ASSEMBLY -- no. 2	1
10	102119	SCREW -- set, slotted, 5/16-18	2
11	100710	NUT -- 5/16-18	2
12	179322	PIN -- clevis	2
13	014921	PIN	2
14	179307	LEVER -- left	1
15	180017	SCREW -- adjustment, eccentric	2
16	180329	BLOCK FOLLOWER	2
17	179315	CAM FOLLOWER	4
18	001763	WASHER -- lock	4
19	101754	SCREW -- socket head	8
20	001845	NUT -- 3/8-24	4
21	179349	BLOCK FOLLOWER	2
22	173023	CROSS SHAFT ASSEMBLY	1
23	173024	CROSS SHAFT ASSEMBLY	1
24	179714	LINK	1

MID SECTION

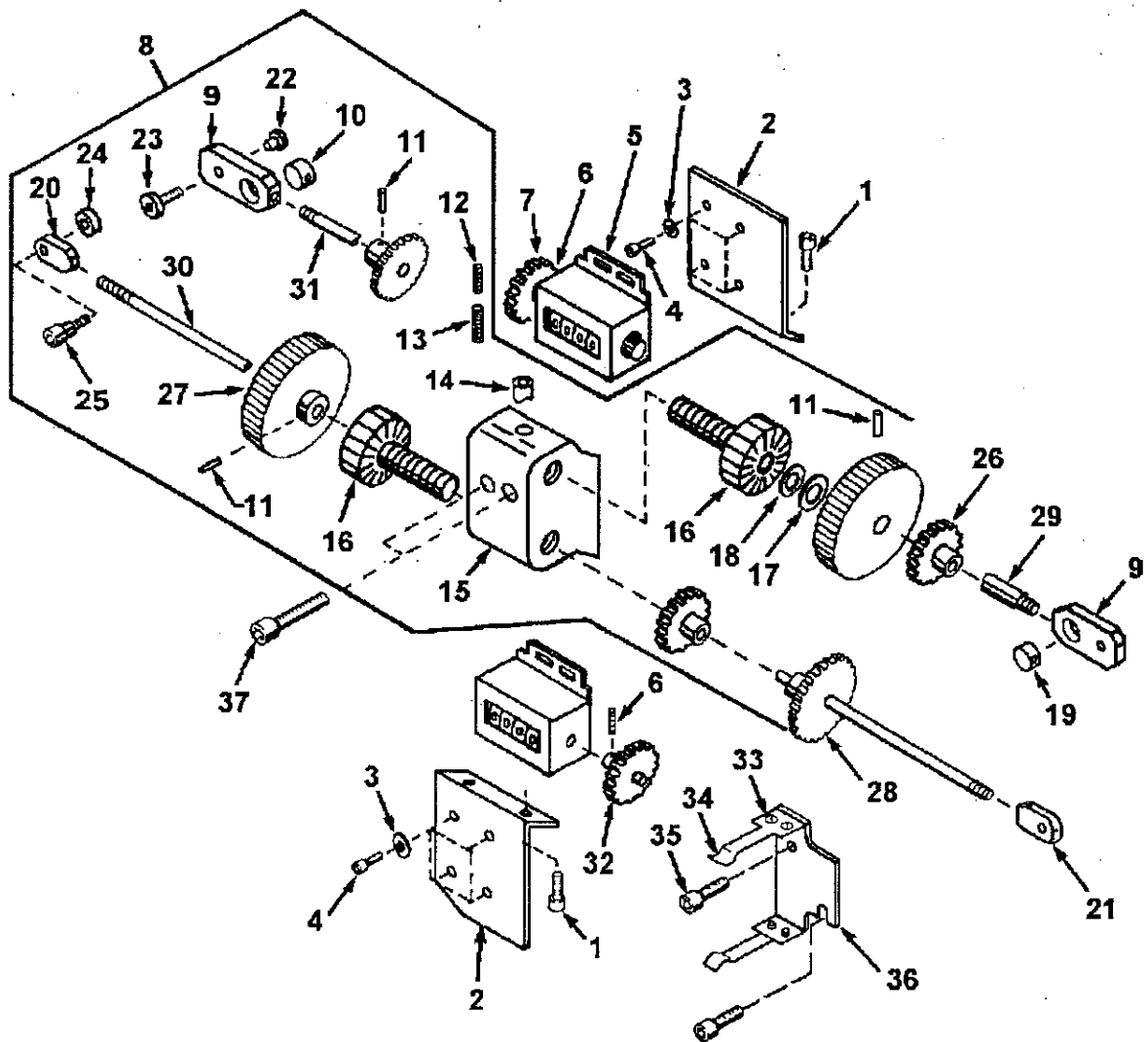
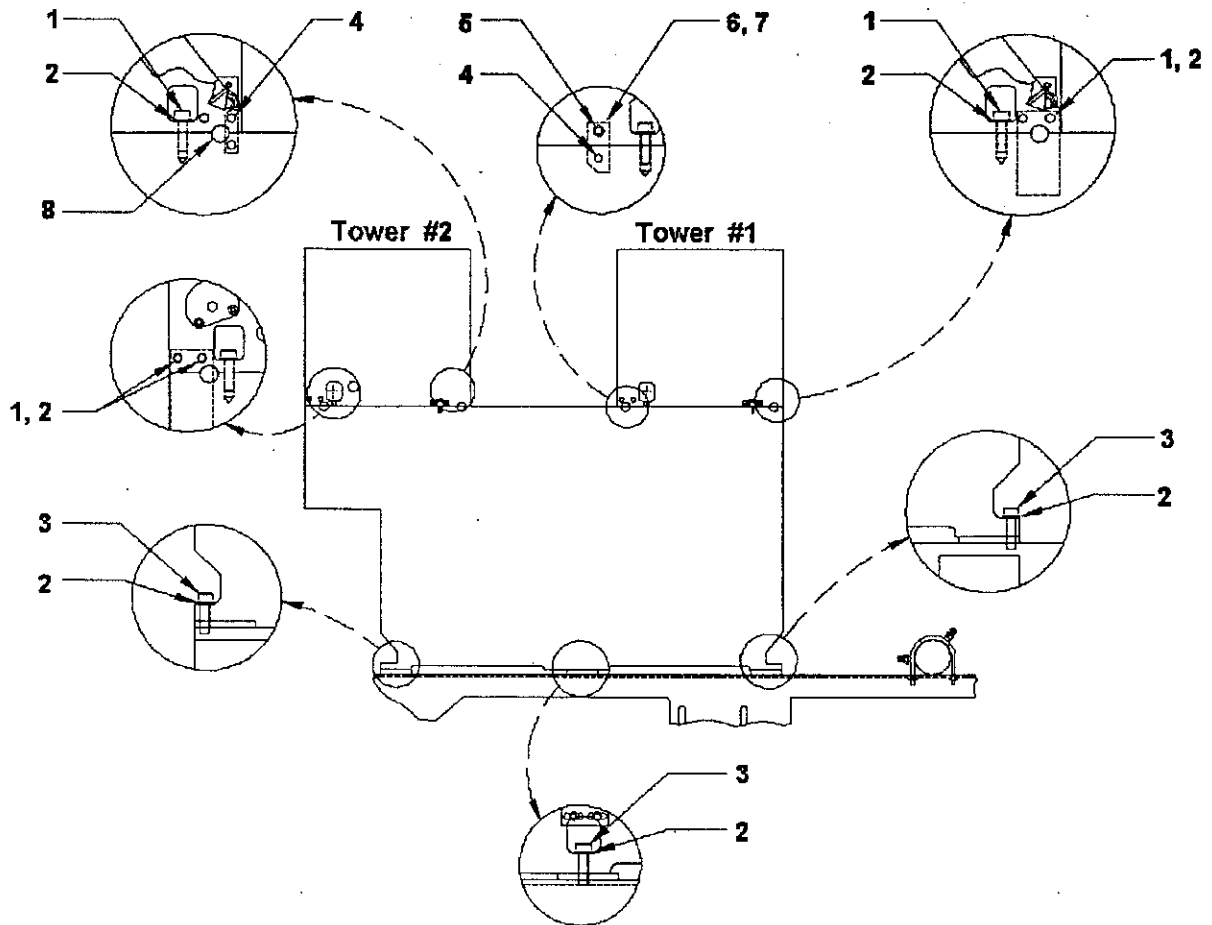


PLATE AND PAPER PRESSURE LINKAGE

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	014215	SCREW -- cap, 10-32 x 3/8"	4
2	180211	BRACKET -- mounting, counter	2
3	192795	WASHER -- lock, #4	8
4	100210	SCREW -- cap, 4-40 x 7/16"	8
5	179407	COUNTER	2
6	100654	SCREW -- set, 6-32 x 5/32"	2
7	179702	GEAR -- 40 teeth, 32 dp	1
8	172613	SQUEEZE ASSEMBLY -- adjustment	1
9	180255	BLOCK -- rod end, l.h. and r.h.	2
10	180257	NUT -- r.h.	1
11	001978	PIN -- roll, 1/8" o.d. x 3/4" o.a.l.	6
12	196929	SPRING -- .240 o.d. x .875 o.a.l.	1
13	197179	SPRING -- .360 o.d. x .437 o.a.l.	1
14	172454	PLUG	2
15	172376	BLOCK -- thickness adjuster	1
16	172375	ADJUSTER -- bias	2
17	102224	WASHER -- thrust	8
18	102225	BEARING -- needle, thrust	4
19	180258	NUT -- l.h.	1
20	179708	BLOCK -- rod end, r.h.	1
21	179709	BLOCK -- rod end, l.h.	1
22	180256	PLUG -- pivot	2
23	102125	SCREW -- shoulder, 1/4-20 x 3/8"	2
24	179328	SPACER	2
25	196953	BOLT -- shoulder	2
26	178212	GEAR -- detent, squeeze, plate	1
27	179402	KNOB -- adjusting	2
28	178211	GEAR -- detent, squeeze, paper	1
29	179404	ROD -- adjusting, short	1
30	179405	ROD -- adjusting, long	1
31	179705	GEAR -- 40 teeth	2
32	179704	GEAR -- 30 teeth, 32 dp	1
33	001694	SCREW -- 6-32 x 3/16"	4
34	180709	DETENT	2
35	100339	SCREW -- cap, 1/4-28 x 3/8"	2
36	180710	BRACKET -- detent	2
37	102127	SCREW -- 3/8-24 x 2"	2

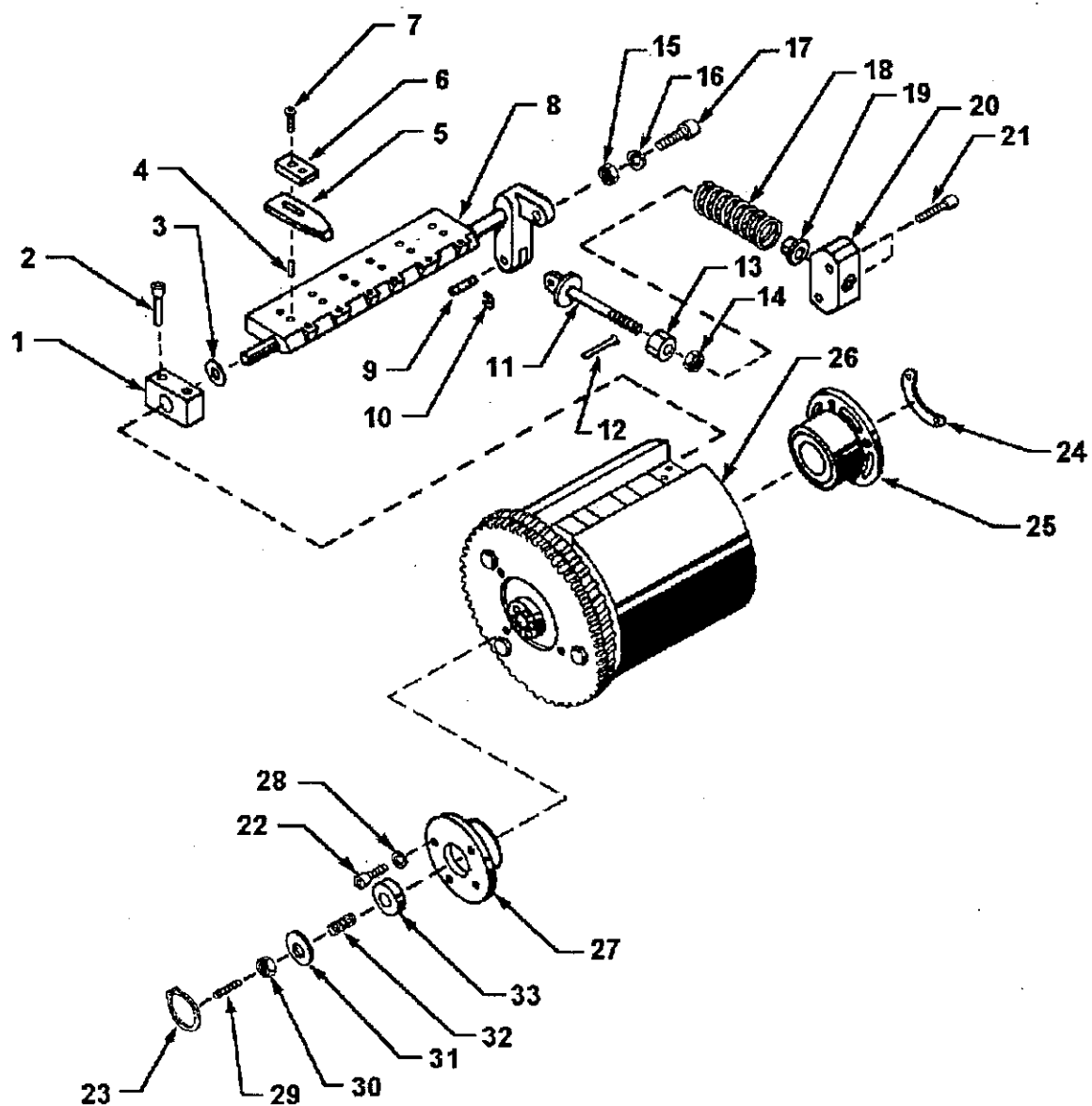
MID SECTION



ATTACHING THE BASE, MID, AND TOWER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	102047	SCREW -- socket head, 3/8-24 x 1 1/4"	16
2	001763	WASHER -- .393 i.d., .673 o.d.	22
3	102106	SCREW -- socket head, 3/8-24 x 1 1/2"	6
4	102213	SCREW -- socket head, 3/8-24 x 1 1/8"	5
5	102186	SCREW -- button head cap, 3/8-24 x 1"	2
6	173020	STRAP -- nos	1
7	173021	STRAP -- os	1
8	197161	PIN -- dowel	8

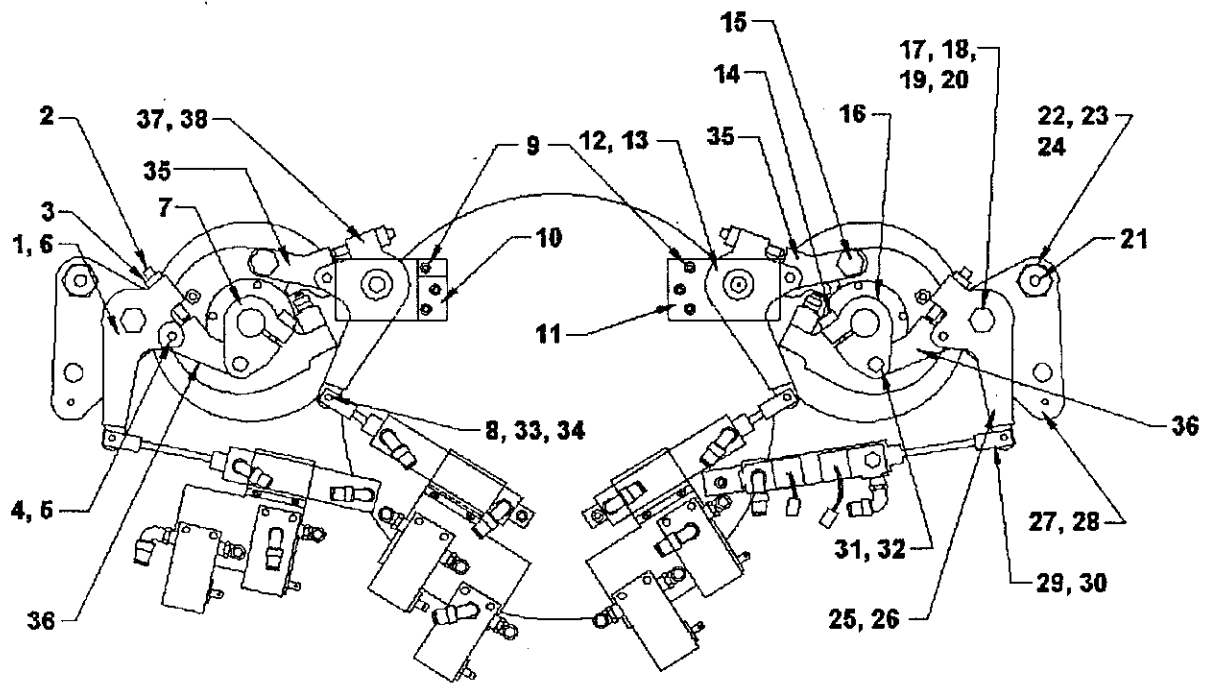
MID SECTION



IMPRESSION CYLINDER

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	172600	BLOCK ASSEMBLY -- bearing	4
2	102239	SCREW -- 1/4-20 x 1 1/2"	8
3	197137	WASHER -- nylon	4
4	197135	PIN -- dowel	12
5	173219	FINGER -- gripper	12
6	180349	PLATE -- retainer, gripper	12
7	102143	SCREW -- Allen button, 5/16-24 x 5/8"	12
8	172598	BAR ASSEMBLY -- gripper	2
9	178527	PIN -- pivot	2
10	001781	RING -- snap	4
11	178572	GUIDE ASSEMBLY -- spring	2
12	015369	PIN -- cotter, 1/16" x 1/2"	2
13	197132	NUT -- special	2
14	190254	NUT -- 3/8-24	2
15	102216	NUT -- 7/16-20	2
16	197452	WASHER -- split	2
17	102136	ROLLER -- track	2
18	197130	SPRING -- compression	2
19	178528	GUIDE -- spring	2
20	178416	BRACKET -- anchor, spring	2
21	102144	SCREW -- Allen cap, 5/16-18 x 1 1/2"	4
22	100860	SCREW -- Allen cap, 3/8-24 x 1"	2
23	703107	RETAINING RING	2
24	179514	WASHER -- plate	2
25	172953	HOUSING ASSEMBLY -- impression cylinder, nos	1
26	173521	CYLINDER ASSEMBLY -- impression	1
27	180712	HOUSING -- impression cylinder, os	1
28	001763	WASHER -- lock, 3/8"	3
29	102265	SCREW -- set, nylok, 3/8-16 x 1"	1
30	001854	NUT -- 3/8-16	1
31	179684	PLATE	1
32	196963	SPRING -- compression	1
33	179824	RETAINER -- bearing	1

MID SECTION



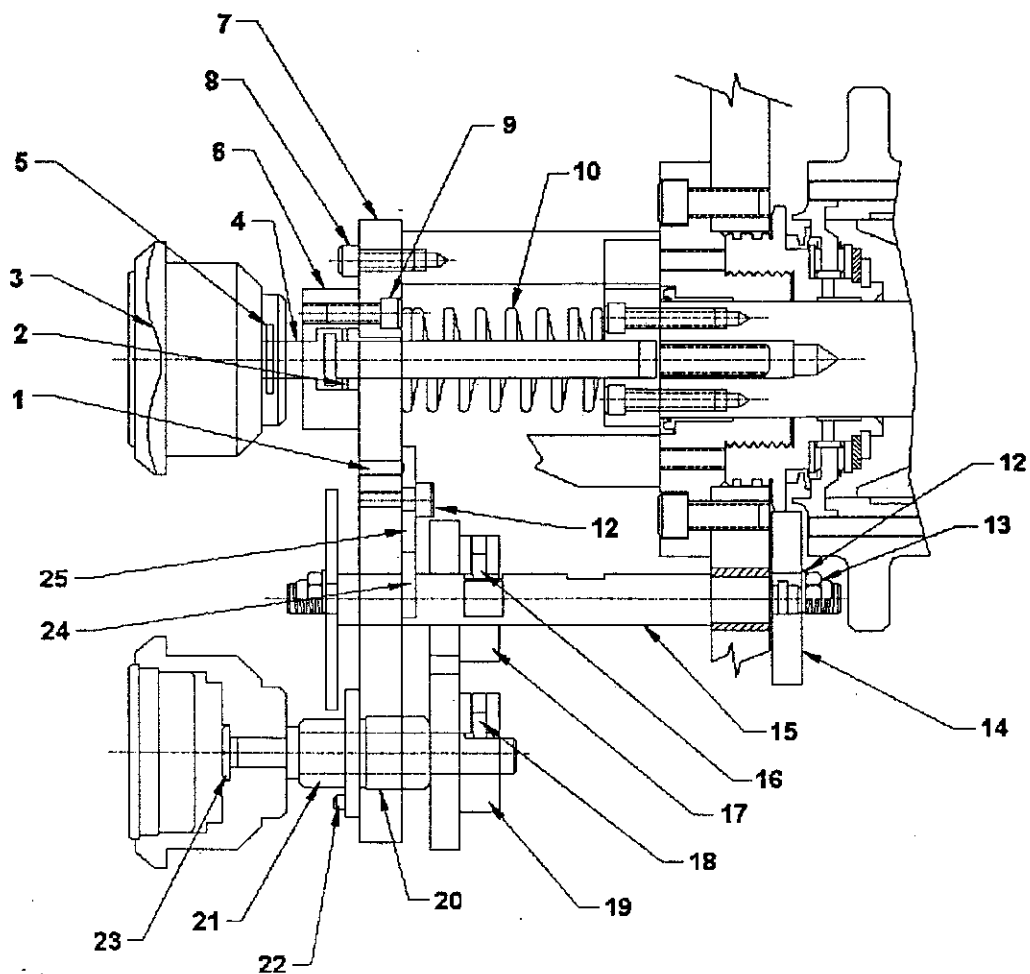
THROW ON/OFF LINKAGE (OS)

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	180260	LEVER ARM ASSEMBLY -- no. 3	1
2	102119*	SCREW -- 5/16-18	4
3	100710*	NUT -- 5/16-18	4
4	179322*	PIN -- clevis	4
5	014921*	PIN	4
6	179307	LEVER -- left	2
7	179314	LEVER -- clamping	1
8	102092	BUSHING -- sleeve	4
9	102251	SCREW -- 5/16-24 x 2 1/2"	6
10	172981	SUPPORT	1
11	172980	SUPPORT	1
12	180251**	LEVER ARM ASSEMBLY -- no. 2	1
13	179304	LEVER -- left	2
14	102064	SCREW -- socket head, 3/8-16 x 1 1/4"	2
15	180017	SCREW -- adjustment, eccentric	2
16	179443	LEVER -- clamping	1
17	196888	WASHER -- clamping	2
18	102117	WASHER -- lock, split	2
19	101170	NUT -- 1/2-20	2
20	102120	SCREW -- 1/2-20 x 3 1/4"	2
21	196832	FITTING GREASE	2
22	179324	PIN -- pivot, shoulder	2
23	196948	BEARING -- lock nut	2
24	196946	BEARING -- lock washer	2
25	180250**	LEVER ARM ASSEMBLY -- no. 1	1
26	179308	LEVER -- right	2
27	179310	PLATE -- pivot	2
28	179325	SPACER	2
29	179370	CLEVIS -- piston rod	4
30	001834	NUT -- hex, 5/16-24	4
31	197376	PIN	2
32	014372	SCREW -- set, 10-32 x 1/4"	2
33	001060	RETAINING RING	4
34	178360	PIN -- clevis	4
35	179714	LINK	2
36	179329	LINK	2
37	180261**	LEVER ARM ASSEMBLY -- no. 4	1
38	179308	LEVER -- right	2

* This part is also used on assemblies #12, 25, and 37.

** This assembly also requires the parts illustrated with an asterisk (numbers 2-5).

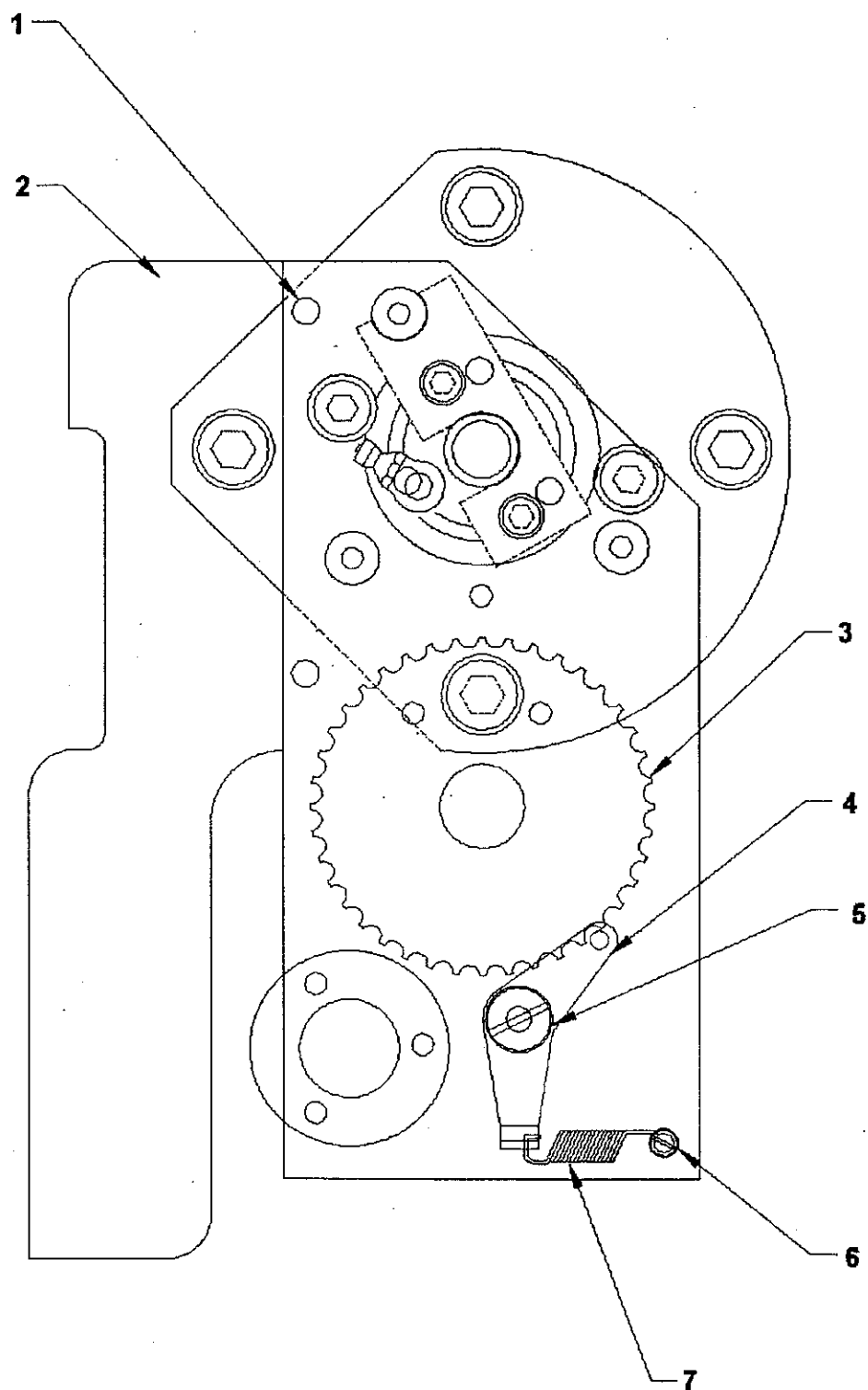
MID SECTION



CIRCUMFERENTIAL AND LATERAL ADJUSTMENTS -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	197024	PLUNGER -- ball	1
2	192798	WASHER -- .507 i.d., .875 o.d.	1
3	172426	HAND WHEEL	2
4	180385	SHAFT ASSEMBLY -- lateral adjustment	1
5	014576	PIN -- drive lock	1
6	180001	RETAINER -- shaft	1
7	180005	ADJUSTMENT PLATE ASSEMBLY -- lateral adjustment	1
8	100653	SCREW -- cap, 1/4-28 x 3/4"	3
9	014158	SCREW -- 10-32 x 1/2"	3
10	197023	SPRING -- compression	1
11	197025	SCREW -- shoulder, 10-32 x 1.90/1.88	1
12	001771	WASHER -- .375 i.d., .875 o.d.	2
13	001847	NUT -- 3/8-24 x .150	2
14	179156	GEAR	1
15	180003	SHAFT -- idler	1
16	014372	SCREW -- set, 10-32 x 1/4"	2
17	179166	GEAR -- 40 teeth	1
18	014372	SCREW -- set, 10-32 x 1/4"	2
19	179167	GEAR -- 50 teeth	1
20	178995	HOUSING -- shaft	1
21	180384	SHAFT ASSEMBLY -- circumferential adjustment	1
22	014158	SCREW -- 10-32 x 1/2"	3
23	017462	SCREW -- pivot, 10-32 x 5/8"	2
24	197029	PIN -- dowel, .1252, .762	1
25	179172	RATCHET STOP	1

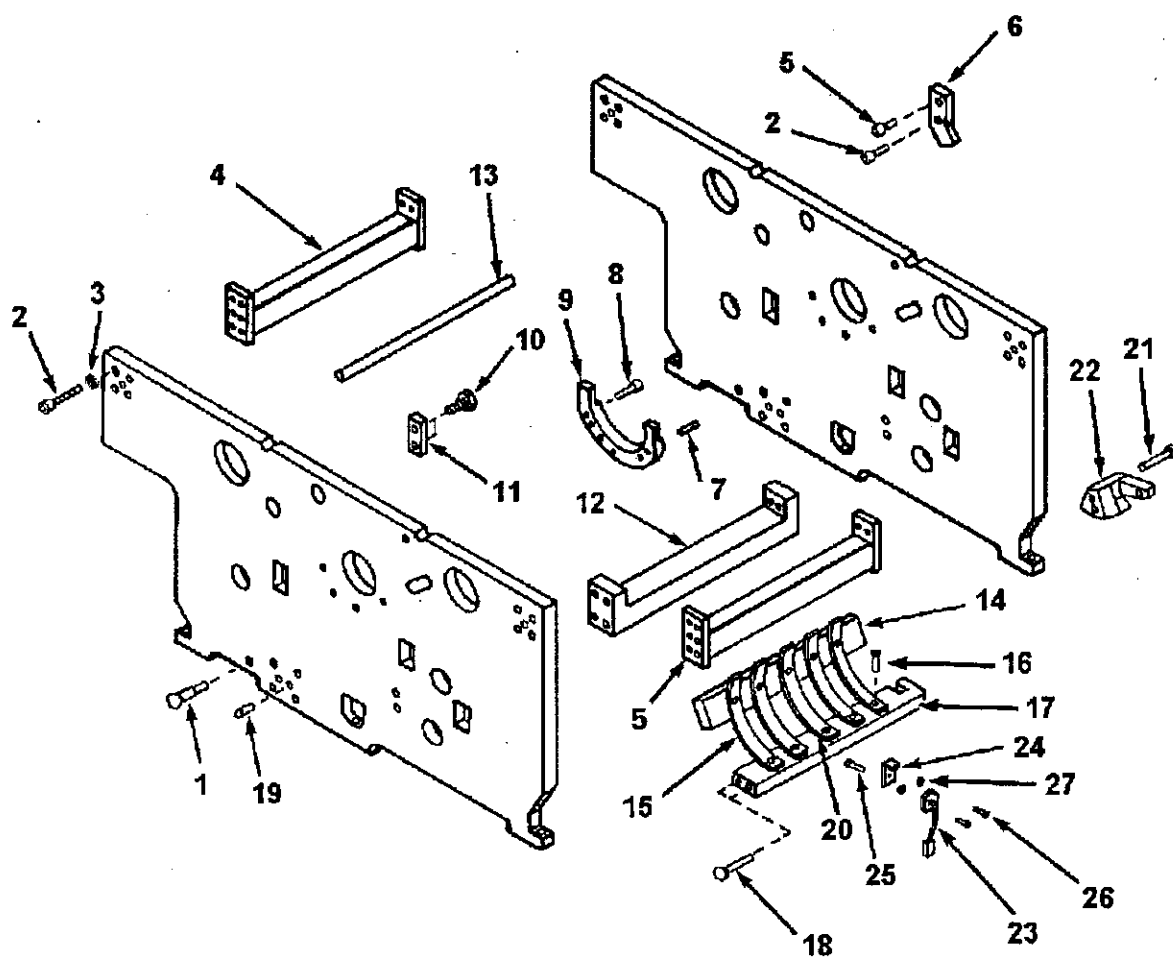
MID SECTION



CIRCUMFERENTIAL AND LATERAL ADJUSTMENTS -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	111058	SCREW -- hex washer, 10-32 x 7/8"	2
2	173157	CLAMP -- bracket	1
3	180002	PLATE -- detent	1
4	073078	LATCH AND PIN ASSEMBLY	1
5	071181	SCREW -- shoulder, 1/4-28 x 9/16"	1
6	072411	PIN -- spring	1
7	078745	SPRING	1

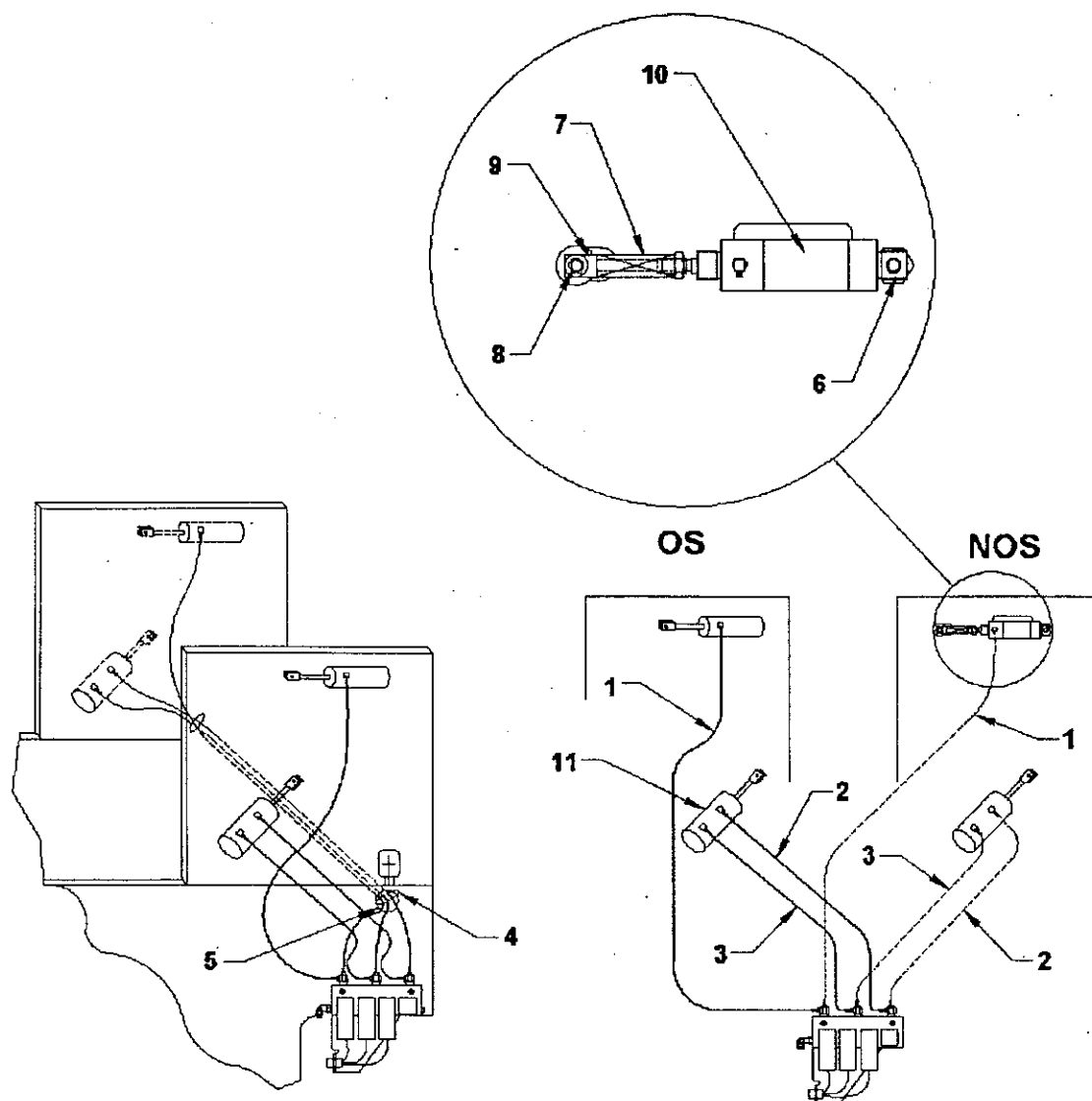
MID SECTION



MID-FRAME ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	196909	SCREW -- shoulder, 5/16-24 x 1"	2
2	102047	SCREW -- cap, 3/8-24 x 1 1/4"	24
3	001763	WASHER -- lock, 3/8	24
4	179412	BRACKET	2
5	192876	SCREW -- 3/8-24 x 1"	6
6	178941	STRAP	2
7	197144	PIN -- dowel	1
8	014157	SCREW -- cap, 1/4-28 x 1 1/4"	3
9	178502	CAM -- gripper, impression cylinder	1
10	192876	SCREW -- 3/8-24 x 1"	8
11	017910	STRAP	2
12	179505	BRACE -- mid-frame	1
13	179553	BAR -- tie	1
14	172830	SUPPORT -- guide, paper	1
15	179523	GUIDE -- paper	4
16	014327	SCREW -- cap, flat head, 10-32 x 1/2"	10
17	172335	SUPPORT -- guide paper	1
18	102047	SCREW -- 1/4-28 x 1 1/4," os	8
19	197021	PIN -- dowel, pull-out	8
20	173125	GUIDE -- paper	1
21	102121	SCREW -- 3/8-24 x 1 3/4"	1
22	172372	BRACKET	1
23	172988	TRANSFER CYLINDER SENSOR	1
24	173516	BRACKET -- sensor	1
25	001590	SCREW -- Phillips, 6-32 x 1/4"	1
26	100490	SCREW -- 2-56 x 1/2"	2
27	100137	NUT -- 2-56	2

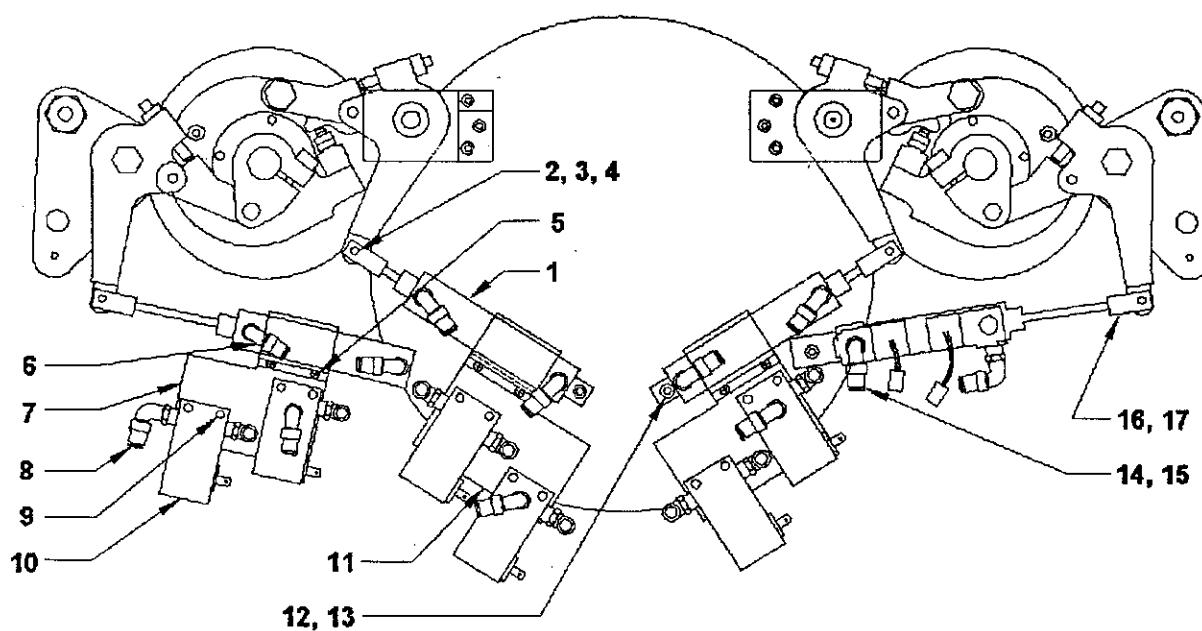
MID SECTION



LINE PNEUMATICS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178407	TUBING -- clear, .063 i.d., .125 o.d., 48" (sold 31')	2
2	178407	TUBING -- clear, .063 i.d., .125 o.d., 43" (sold 31')	2
3	178408	TUBING -- grey, .063 i.d., .125 o.d., 43" (sold 14.5')	2
4	172509	TIE -- flagged cable	1
5	250077	STA-STRAP	6
6	179834	STAND OFF -- air cylinder	4
7	196881	SPRING, compression	4
8	001060	RETAINING RING	4
9	179370	CLEVIS -- piston rod	4
10	172710	AIR CYLINDER	2
11	179216	AIR CYLINDER	2

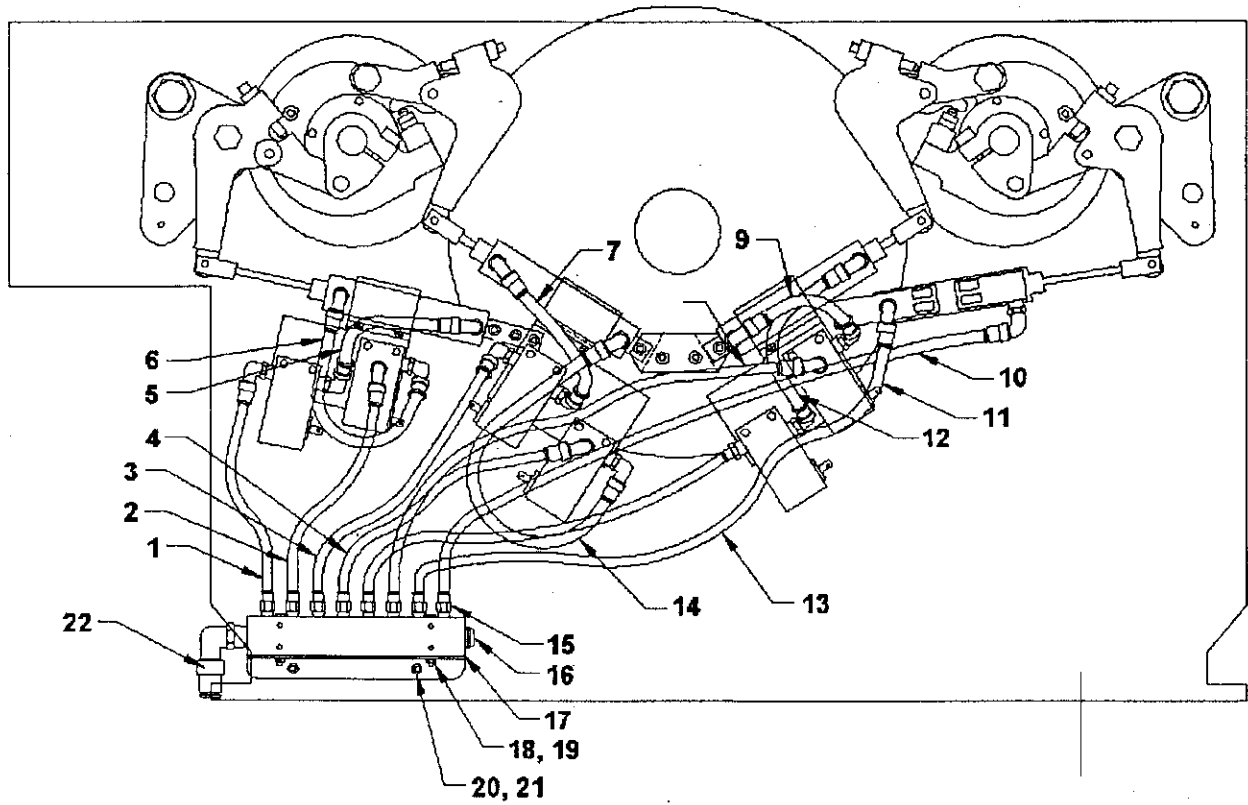
MID SECTION



OS PNEUMATICS -- AIR VALVES AND FITTINGS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179802	AIR CYLINDER	4
2	001060	RETAINING RING	4
3	178360	PIN -- clevis	4
4	102092	BUSHING -- sleeve	4
5	001541	SCREW -- Phillips, 6-32 x 1/4"	4
6	196977	FITTING -- elbow, male, swivel	7
7	179760	CLAMP	2
8	196977	FITTING -- elbow, male, swivel	12
9	197450	SCREW -- pan head, 4-40 x 3/4"	12
10	172711	THREE-WAY VALVE ASSEMBLY	8
11	179816	CLAMP	11
12	179547	STAND OFF -- air cylinder	4
13	001060	RETAINING RING	4
14	179804	NIPPLE -- close	2
15	196978	FITTING -- elbow, male	1
16	179370	CLEVIS -- piston rod	4
17	001834	NUT -- hex, 5/16-24	4

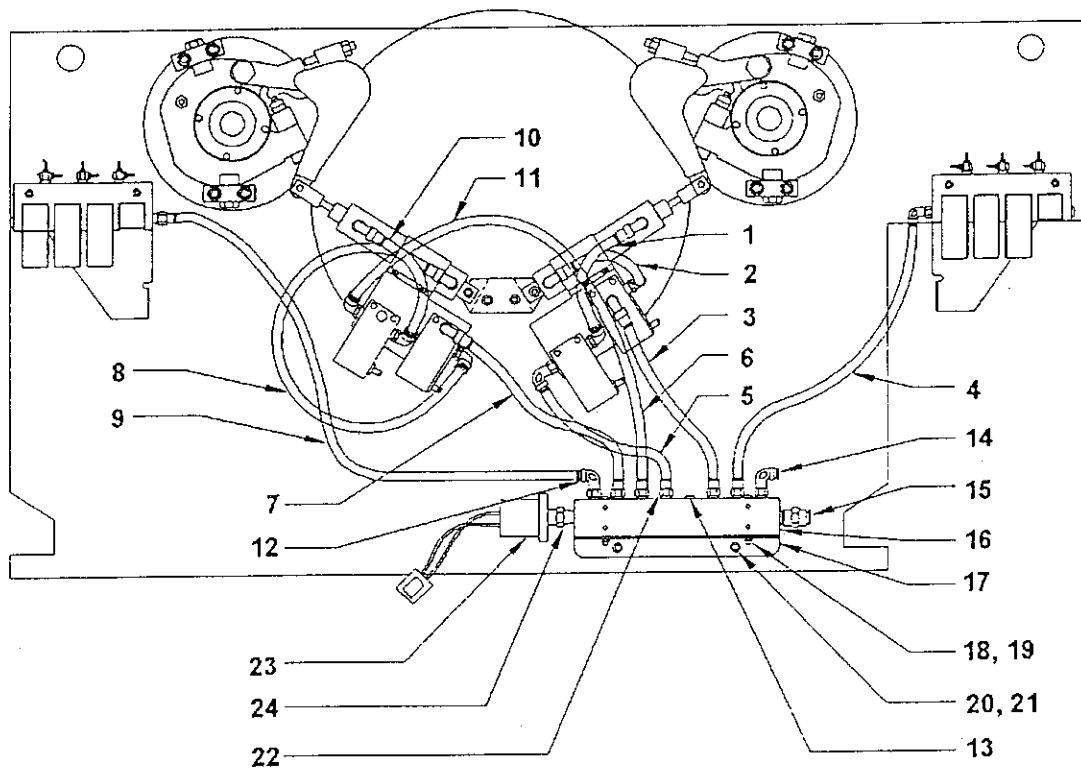
MID SECTION



OS PNEUMATICS -- AIR LINES AND FITTINGS

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	178401	TUBING -- natural, .170 i.d., .250 o.d., 6 1/2" (sold 22.5')	1
2	178401	TUBING -- natural, .170 i.d., .250 o.d., 8 1/8" (sold 22.5')	1
3	178401	TUBING -- natural, .170 i.d., .250 o.d., 9 1/2" (sold 22.5')	1
4	178401	TUBING -- natural, .170 i.d., .250 o.d., 11 1/2" (sold 22.5')	1
5	178401	TUBING -- natural, .170 i.d., .250 o.d., 5" (sold 22.5')	1
6	178401	TUBING -- natural, .170 i.d., .250 o.d., 3 3/4" (sold 22.5')	1
7	178401	TUBING -- natural, .170 i.d., .250 o.d., 5 1/8" (sold 22.5')	1
8	178401	TUBING -- natural, .170 i.d., .250 o.d., 15" (sold 22.5')	1
9	178401	TUBING -- natural, .170 i.d., .250 o.d., 7" (sold 22.5')	1
10	178401	TUBING -- natural, .170 i.d., .250 o.d., 21" (sold 22.5')	1
11	178401	TUBING -- natural, .170 i.d., .250 o.d., 19" (sold 22.5')	1
12	178401	TUBING -- natural, .170 i.d., .250 o.d., 5 1/4" (sold 22.5')	1
13	178401	TUBING -- natural, .170 i.d., .250 o.d., 15" (sold 22.5')	1
14	178401	TUBING -- natural, .170 i.d., .250 o.d., 6" (sold 22.5')	1
15	196971	CONNECTOR -- male	8
16	197095	PLUG -- pipe, (serial number 384 and below)	1
16	196973	PLUG -- pipe, (serial number 385 and above)	1
17	172709	MANIFOLD -- 10 port, (serial number 384 and below)	1
17	173560	MANIFOLD -- (serial number 385 and above)	1
18	110037	SCREW -- 6-32 x 1 1/4", (serial number 384 and below)	2
18	102014	SCREW -- (serial number 385 and above)	2
19	014812	NUT -- keps, (serial number 384 and below)	2
19	014808	NUT -- (serial number 385 and above)	2
20	100339	SCREW -- cap, 1/4-28 x 3/8"	2
21	001731	WASHER -- lock, .263 i.d., .485 o.d.	2
22	197396	FITTING -- elbow, male, swivel, (serial number 384 and below)	1
22	197438	FITTING -- elbow, male, (serial number 385 and above)	1

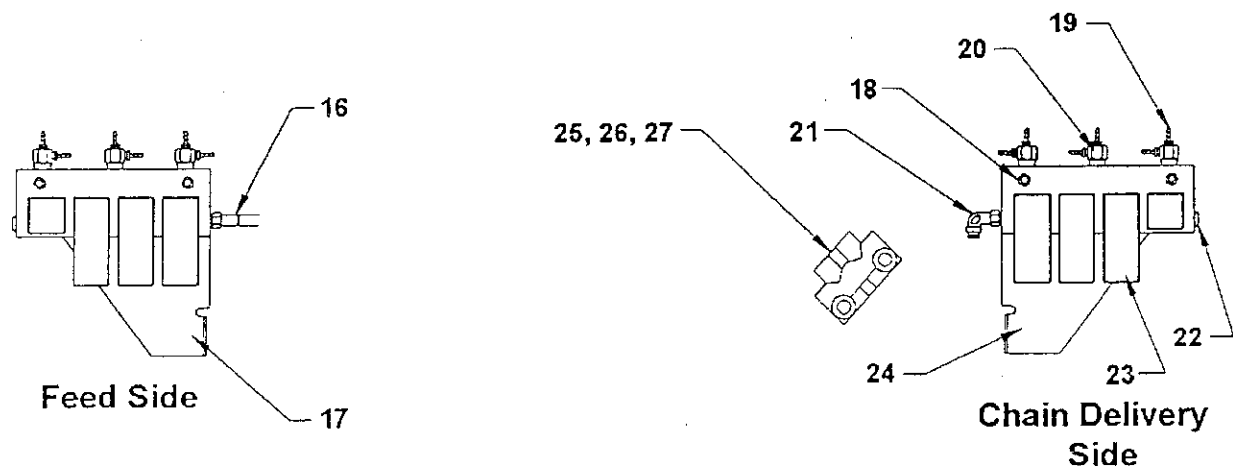
MID SECTION



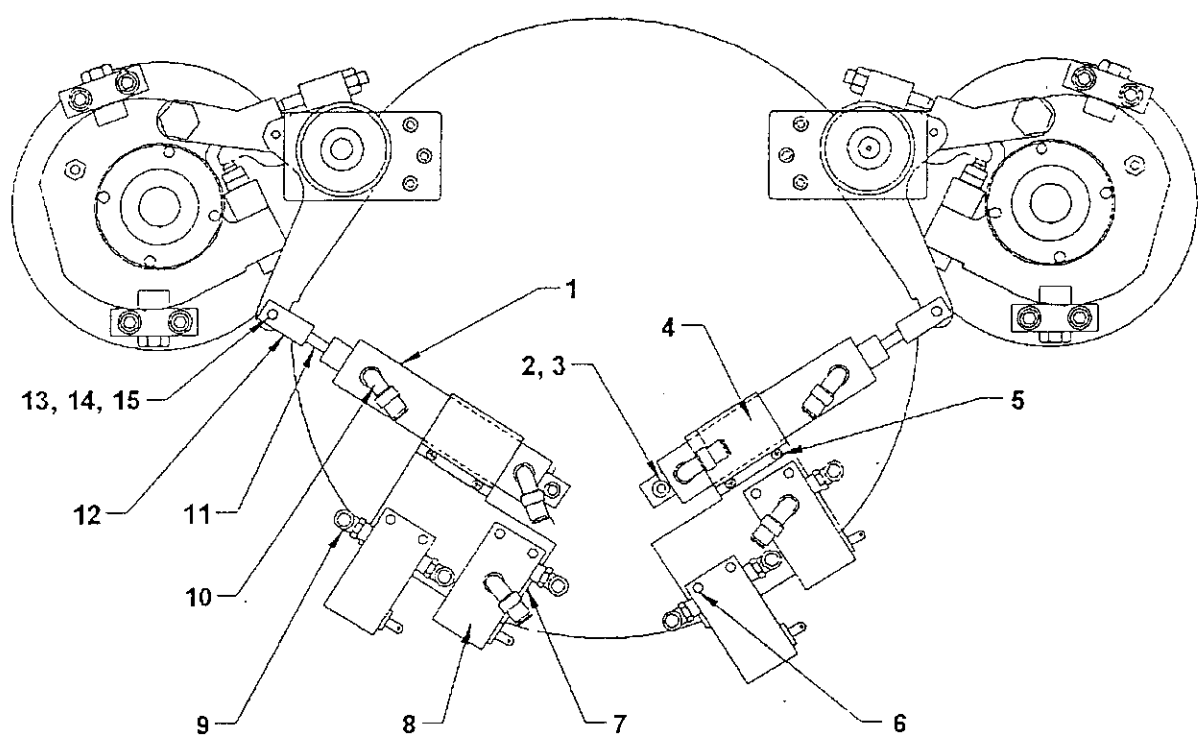
NOS PNEUMATICS -- AIR LINES AND FITTINGS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178401	TUBING -- natural, .170 i.d., .250 o.d., 4 1/2" (sold 22.5')	1
2	178401	TUBING -- natural, .170 i.d., .250 o.d., 4" (sold 22.5')	1
3	178401	TUBING -- natural, .170 i.d., .250 o.d., 8" (sold 22.5')	1
4	178401	TUBING -- natural, .170 i.d., .250 o.d., 14" (sold 22.5')	1
5	178401	TUBING -- natural, .170 i.d., .250 o.d., 9 1/4" (sold 22.5')	1
6	178401	TUBING -- natural, .170 i.d., .250 o.d., 15" (sold 22.5')	1
7	178401	TUBING -- natural, .170 i.d., .250 o.d., 9" (sold 22.5')	1
8	178401	TUBING -- natural, .170 i.d., .250 o.d., 6" (sold 22.5')	1
9	178401	TUBING -- natural, .170 i.d., .250 o.d., 19 1/4" (sold 22.5')	1
10	178401	TUBING -- natural, .170 i.d., .250 o.d., 4 1/2" (sold 22.5')	1
11	178401	TUBING -- natural, .170 i.d., .250 o.d., 15" (sold 22.5')	1
12	196977	FITTING -- elbow, male, swivel	1
13	197389	PLUG -- pipe, 1/8" npt	1
14	196977	FITTING -- elbow, male, swivel	1
15	197395	FITTING -- male, (serial number 384 and below)	1
15	197437	FITTING -- (serial number 385 and above)	1
16	172709	MANIFOLD -- 10 port, (serial number 384 and below)	1
16	173560	MANIFOLD -- (serial number 385 and above)	1
17	172895	BRACKET -- manifold mounting, (serial number 384 and below)	1
17	173598	BRACKET -- (serial number 385 and above)	1
18	014812	NUT -- keps, (serial number 384 and below)	2
18	014808	NUT -- (serial number 385 and above)	2
19	110037	SCREW -- 6-32 x 1 1/4," (serial number 384 and below)	2
19	102014	SCREW -- (serial number 385 and above)	2
20	100339	SCREW -- cap, 1/4-28 x 3/8"	2
21	001731	WASHER -- lock, .263 i.d., .485 o.d.	2
22	196971	CONNECTOR -- male	5
23	178184	AIR PRESSURE SWITCH ASSEMBLY	1
24	102289	FITTING -- (serial number 385 and above)	1

MID SECTION



NOS

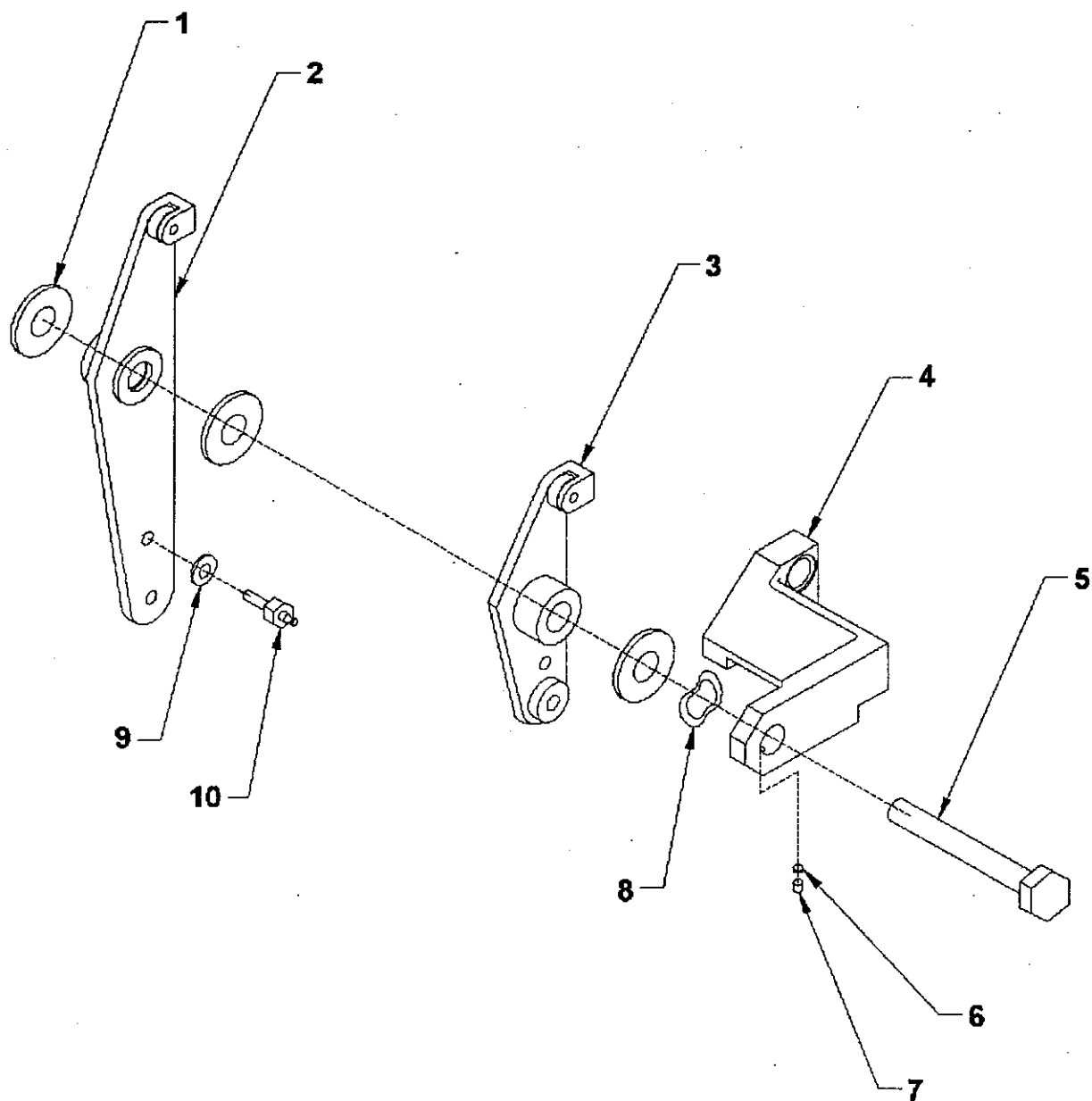


NOS PNEUMATICS -- AIR VALVES AND FITTINGS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179802	AIR CYLINDER	2
2	179547	STAND OFF -- air cylinder	2
3	001060	RETAINING RING	2
4	179760	CLAMP -- bracket	4
5	001541	SCREW -- 6/32 x 1/4"	4
6	197450	SCREW -- Phillips pan head, 4-40 x 7/8"	8
7	179816	CLAMP -- bracket	1
8	172711	VALVE ASSEMBLY -- 3 way	4
9	196977	FITTING -- elbow, male, swivel	8
10	196977	FITTING -- elbow, male, swivel	4
11	001834	NUT -- hex, 5/16-24	2
12	179370	CLEVIS -- piston rod	2
13	102092	BUSHING -- sleeve	2
14	178360	PIN -- clevis	2
15	001060	RETAINING RING	2
16	196971	CONNECTOR -- male, feed side	1
17	172549	BRACKET -- connector	1
18	102116	SCREW -- socket head with 666 lock washer, 10-32 x 1 1/4"	2
19	179815	BARB -- 10-32 x 1/16," (serial number 384 and below)	6
19	197441	BARB -- (serial number 385 and above)	6
20	179763	TEE -- v8npt, (serial number 384 and below)	3
20	197439	TEE -- (serial number 385 and above)	3
21	196977	FITTING -- elbow, male, swivel, chain delivery side	1
22	197389	PLUG -- pipe, 1/8 npt	1
23	172707	VALVE BAR ASSEMBLY	1
24	173322	BRACKET -- connector	1
25	180479	JUNCTION -- 6 way, double	1
26	014165	SCREW -- 1/4-28 x 1"	2
27	001731	WASHER -- lock, .263 i.d., .485 o.d.	2

Feeder Section

FEEDER SECTION

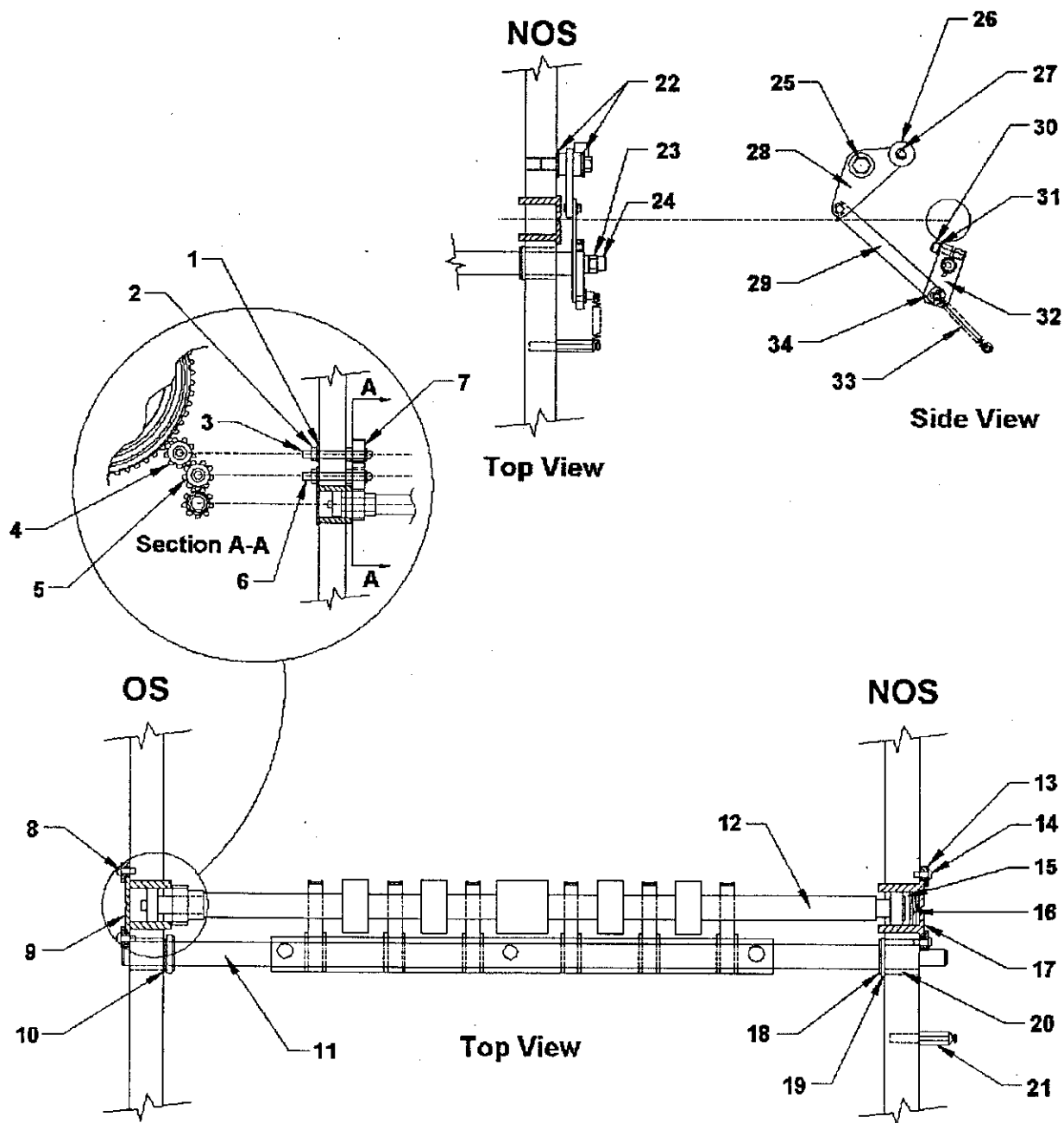


FEEDER SECTION

CAM FOLLOWER REGISTRATION

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	197127	WASHER -- thrust	3
2	172958	LEVER ASSEMBLY -- striker bar	1
3	172957	LEVER ASSEMBLY -- valve	1
4	172372	BRACKET -- follower pivot	1
5	102248	SCREW -- socket head, 3/8-16 x 2 1/2"	1
6	172947	INSERT -- brass	1
7	102243	SCREW -- set, 1/4-20 x 3/16"	1
8	193090	WASHER -- .541 i.d., .791 o.d.	1
9	003855	WASHER -- .256 i.d., .500 o.d.	1
10	178750	STUD -- spring	1

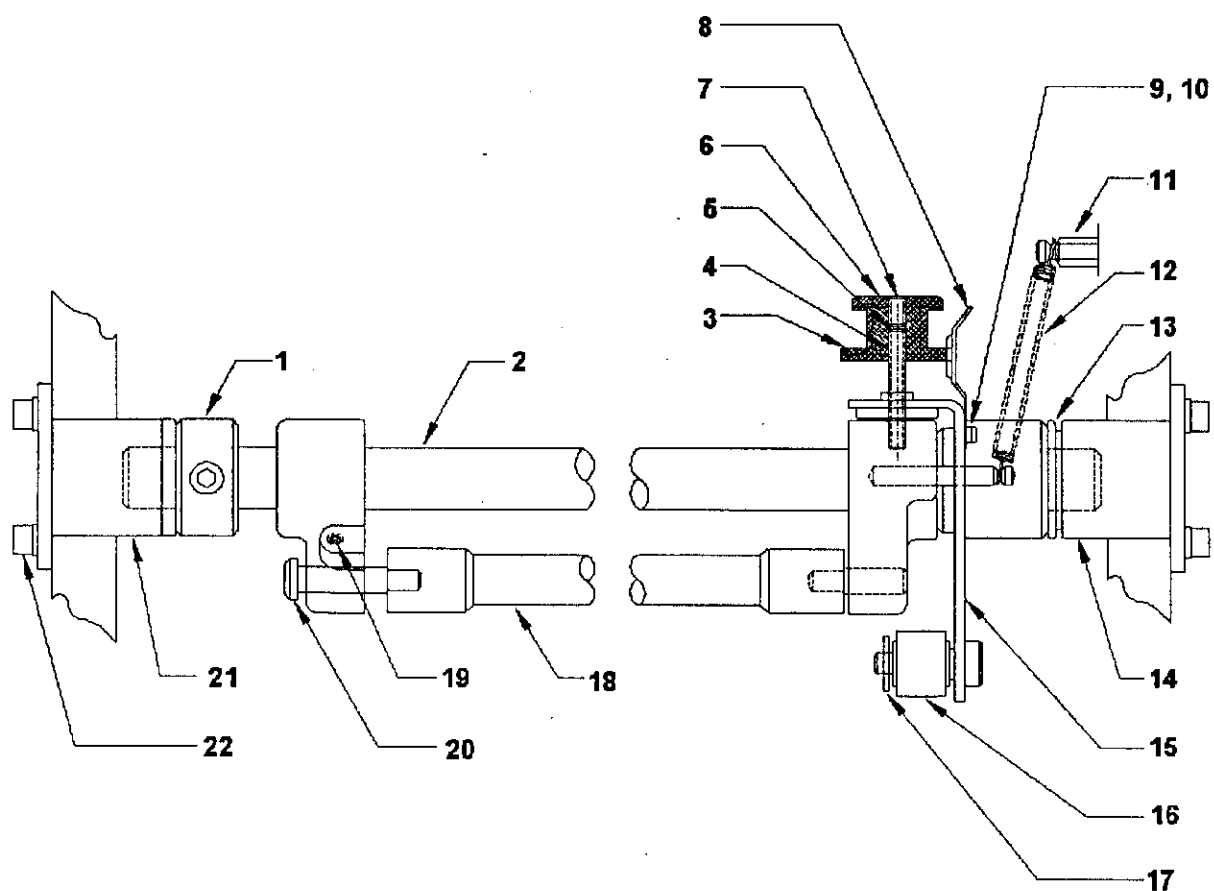
FEEDER SECTION



STOP FINGER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	001710	WASHER -- lock, .320 i.d., .570 o.d.	2
2	001834	NUT -- hex, 5/16-24	2
3	179457	SHAFT -- drive gear	1
4	173309	GEAR	1
5	173312	GEAR ASSEMBLY	1
6	172337	SHAFT -- drive gear	1
7	001080	RETAINING RING	2
8	111074	SCREW -- 1/4-28 x 3/4"	2
9	172274	HOUSING -- bearing, os	1
10	197048	WASHER -- wave	1
11	173163	STOP FINGER	1
12	173649	ROLLER ASSEMBLY	1
13	179720	HOUSING -- clamp	4
14	101086	SCREW -- 1/4-28 x 3/4"	2
15	172870	DISC -- bearing preload	1
16	196992	SPRING -- compression	1
17	172273	BEARING -- housing, nos	1
18	014510	"E" RING	2
19	178888	BEARING -- thrust	2
20	197047	BEARING	2
21	172333	STUD	1
22	197052	BEARING -- thrust	2
23	014808	NUT -- 10-32	1
24	014158	SCREW -- 10-22 x 1/2"	1
25	072304	SCREW -- shoulder	1
26	102128	BALL BEARING	1
27	001778	RING -- snap	2
28	173052	FOLLOWER ASSEMBLY	1
29	172948	LINK ASSEMBLY	1
30	100334	SCREW -- 10-32 x 3/4"	1
31	000666	WASHER -- lock	1
32	178654	CRANK	1
33	178741	SPRING -- extension	1
34	001060	RETAINING RING	1

FEEDER SECTION

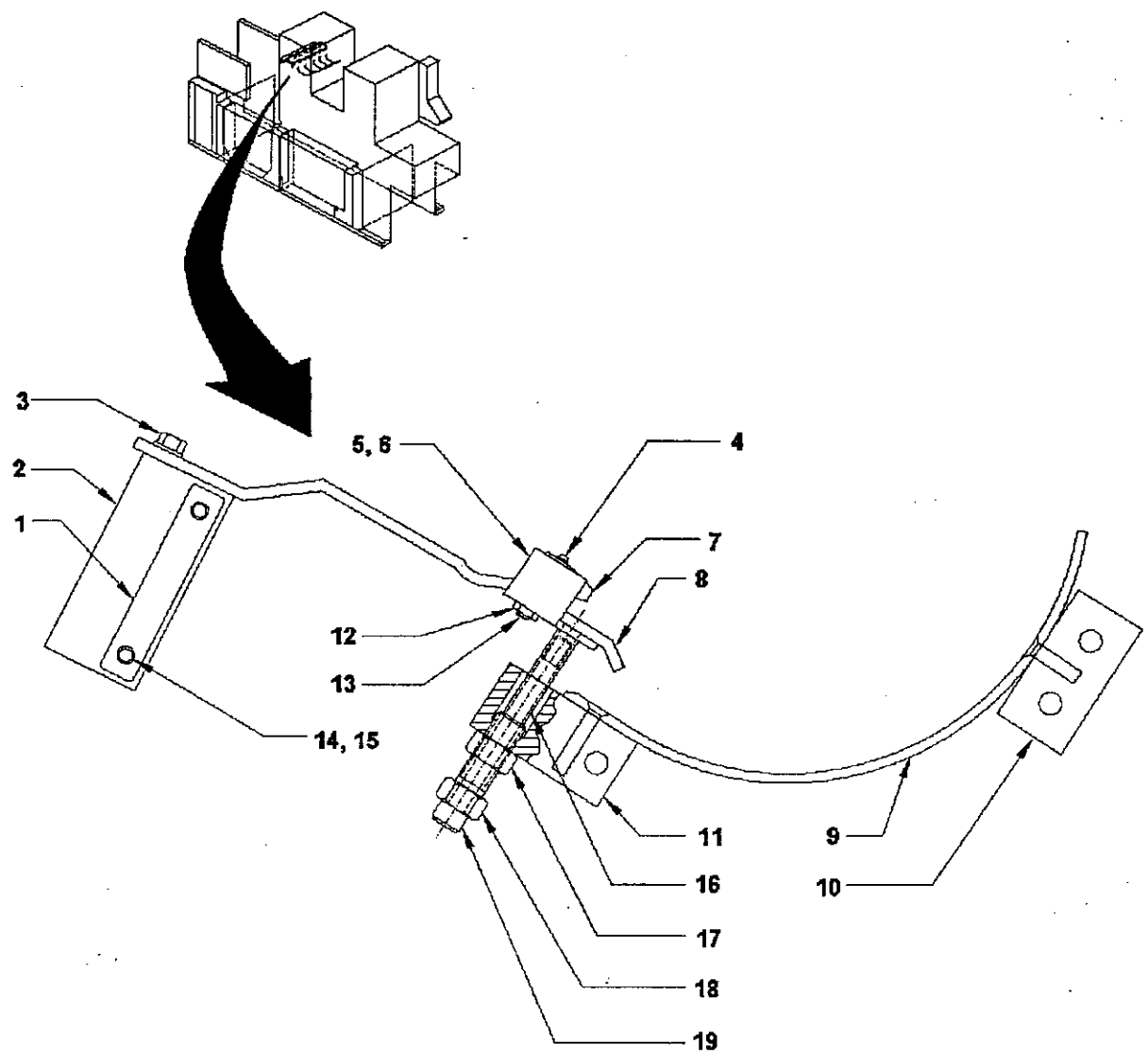


FEEDER SECTION

UPPER FORWARDING ROLLER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179452	COLLAR -- screw, set	1
2	180824	SHAFT ASSEMBLY	1
3	172970	LABEL -- dial	1
4	100130	SCREW -- set, 10-32 x 1"	1
5	173126	BALL -- steel, 5/32"	1
6	179482	KNOB	1
7	014247	SCREW -- set, 10-32 x 1/4"	1
8	180936	SPRING -- knob, retaining	1
9	001722	WASHER -- lock	2
10	101906	SCREW -- hex, 8-32 x 5/16"	2
11	178410	STUD -- spring	1
12	190148	SPRING	1
13	081789	SPACER	1
14	179417	BUSHING ASSEMBLY -- os	1
15	180938	LEVER ASSEMBLY -- cam follower	1
16	197001	ROLLER -- track	1
17	001060	RETAINING RING	1
18	179470	ROLLER ASSEMBLY	1
19	014247	SCREW -- set, 10-32 x 1/4"	1
20	180933	PIN -- bearing	1
21	179480	BUSHING -- nos	1
22	101086	SCREW -- cap, 1/14-28 x 3/4"	1

FEEDER SECTION

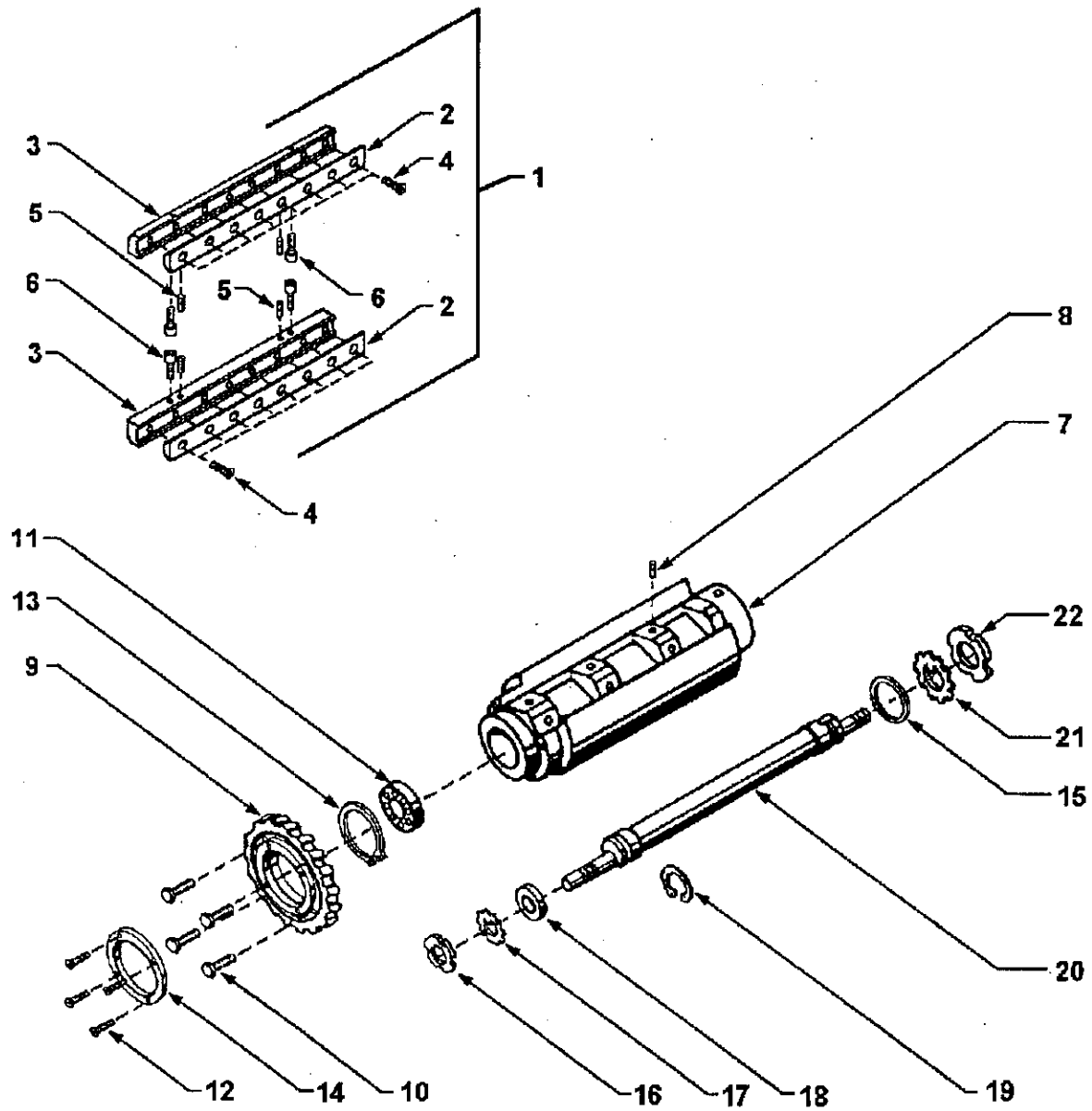


FEEDER SECTION

FRONT PAPER GUIDE ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173590	ADJUSTMENT PLATE	2
2	173591	BRACKET -- rear, paper guide	2
3	111071	SCREW -- 1/4-28 x 1/2"	2
4	111015	SCREW -- 6/32 x 1/4"	2
5	180685	CLIP -- front paper guide, os	1
6	180686	CLIP -- front paper guide, nos	1
7	173652	PAPER GUIDE -- upper	1
8	173650	FRONT PAPER GUIDE ASSEMBLY	1
9	179523	PAPER GUIDE -- transfer cylinder	1
10	172355	BRACKET -- feeder mounting	1
11	172830	SUPPORT -- paper guide	1
12	100228	NUT -- 4/40	4
13	112515	SCREW -- Phillips head, 4-40 x 5/16"	4
14	001731	WASHER -- lock, .250 i.d., .485 o.d.	4
15	102104	SCREW -- 1/4-28 x 2"	4
16	172832	SPACER	2
17	001845	NUT -- 3/8-24	2
18	172831	SCREW -- leveling	2
19	102235	SCREW -- socket adjustment, 10-32 x 2 1/4"	2

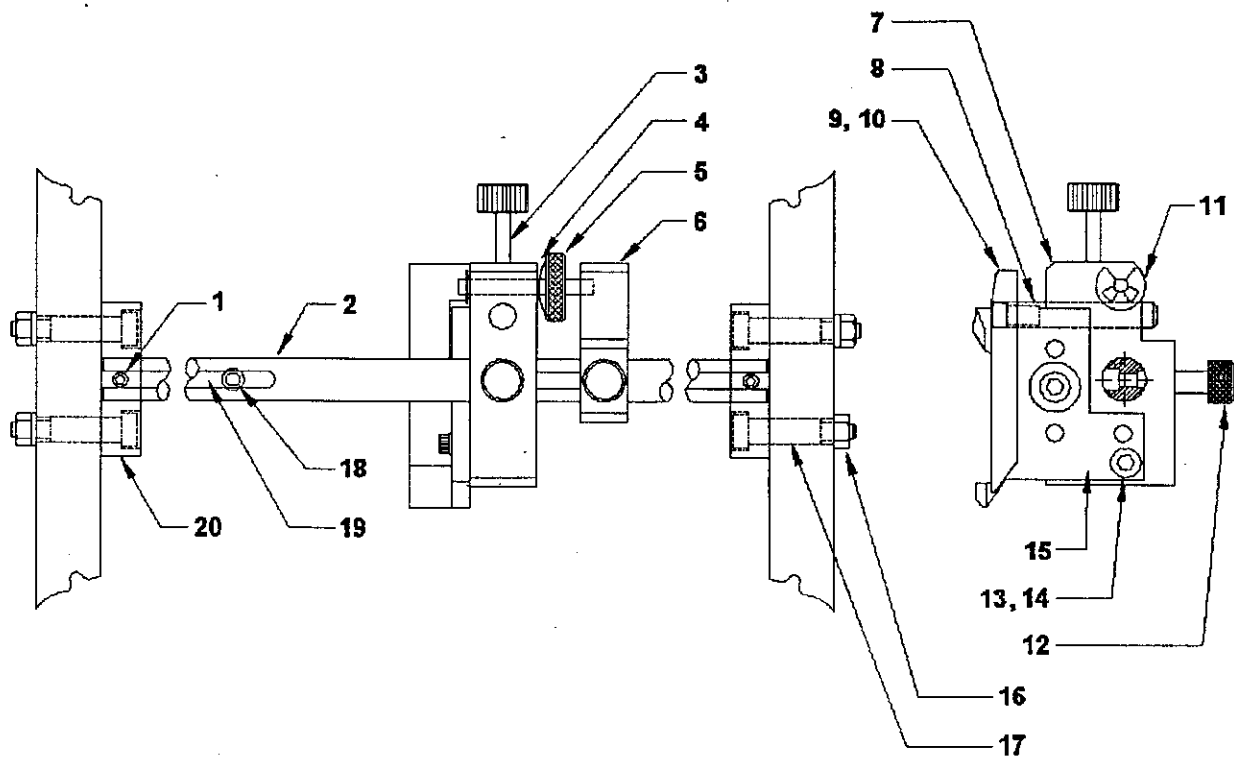
FEEDER SECTION



BLANKET CYLINDER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	179504	BLANKET/CLAMP ASSEMBLY	1
2	173666	BLANKET/CLAMP TOP	2
3	173667	BLANKET/CLAMP BODY	2
4	014151	SCREW -- 10-32 x 1/2"	20
5	102173	SCREW -- set, 1/4-28	4
6	197394	SCREW -- blanket/clamp	8
7	173393	BLANKET CYLINDER ASSEMBLY	1
8	100392	SCREW -- insert	6
9	179022	GEAR -- blanket, helix	2
10	111092	SCREW -- hex, 5/16-24 x 1"	16
11	102237	BALL BEARING	2
12	100806	SCREW -- 1/4-28 x 3/4"	16
13	102071	RETAINING RING	2
14	172723	RETAINER -- bearing	4
15	173392	SPACER	2
16	197344	NUT -- lock, bearing	2
17	197343	WASHER -- lock, bearing	2
18	180208	SPACER	2
19	102071	RETAINING RING	2
20	173391	SHAFT -- blanket cylinder	2
21	197223	BEARING -- washer, lock	2
22	197224	BEARING -- nut, lock	2

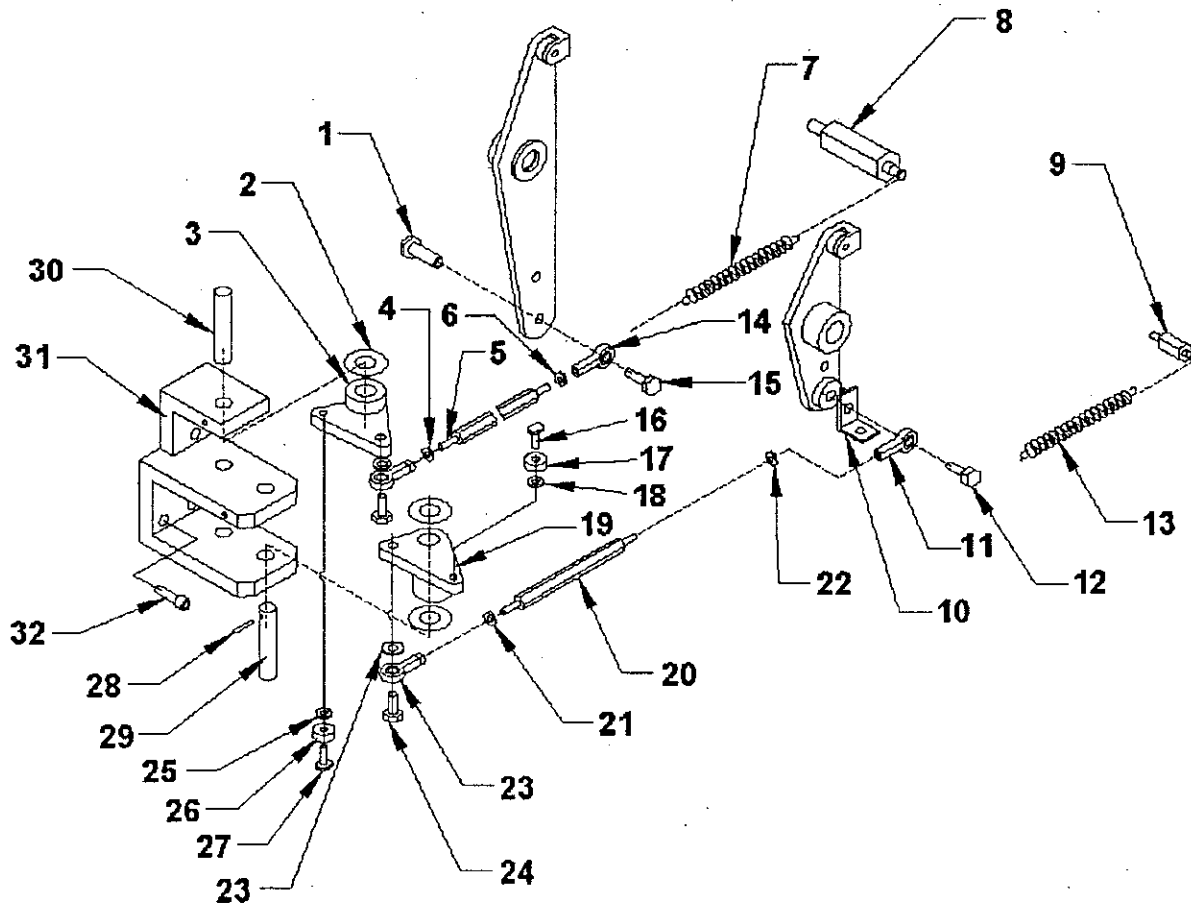
FEEDER SECTION



SIDE LAY REGISTER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	100367	SCREW -- set, 1/4-28 x 1/2"	1
2	172347	GUIDE -- shaft	1
3	075713	SCREW -- knurled	1
4	014741	WASHER -- spring	1
5	178650	SCREW -- micro lateral adjustment	1
6	172346	BLOCK -- micro lateral adjustment	1
7	172700	BLOCK -- micro lateral adjustment	1
8	179877	POST	1
9	172382	FOOT REGISTER	1
10	014164	SCREW -- 8-32 x 7/16"	1
11	001060	RETAINING RING	1
12	041610	SCREW -- lock, knurled	2
13	100459	SCREW -- 10-32 x 1/2"	2
14	190302	WASHER -- .190 i.d., .375 o.d.	1
15	172537	GUIDE -- register	4
16	150084	NUT -- 1/4-20	4
17	197079	SCREW -- shoulder	2
18	014164	SCREW -- 8-32 x 7/16"	2
19	172359	GUIDE KEY	2
20	172366	BRACKET -- side guide	2

FEEDER SECTION

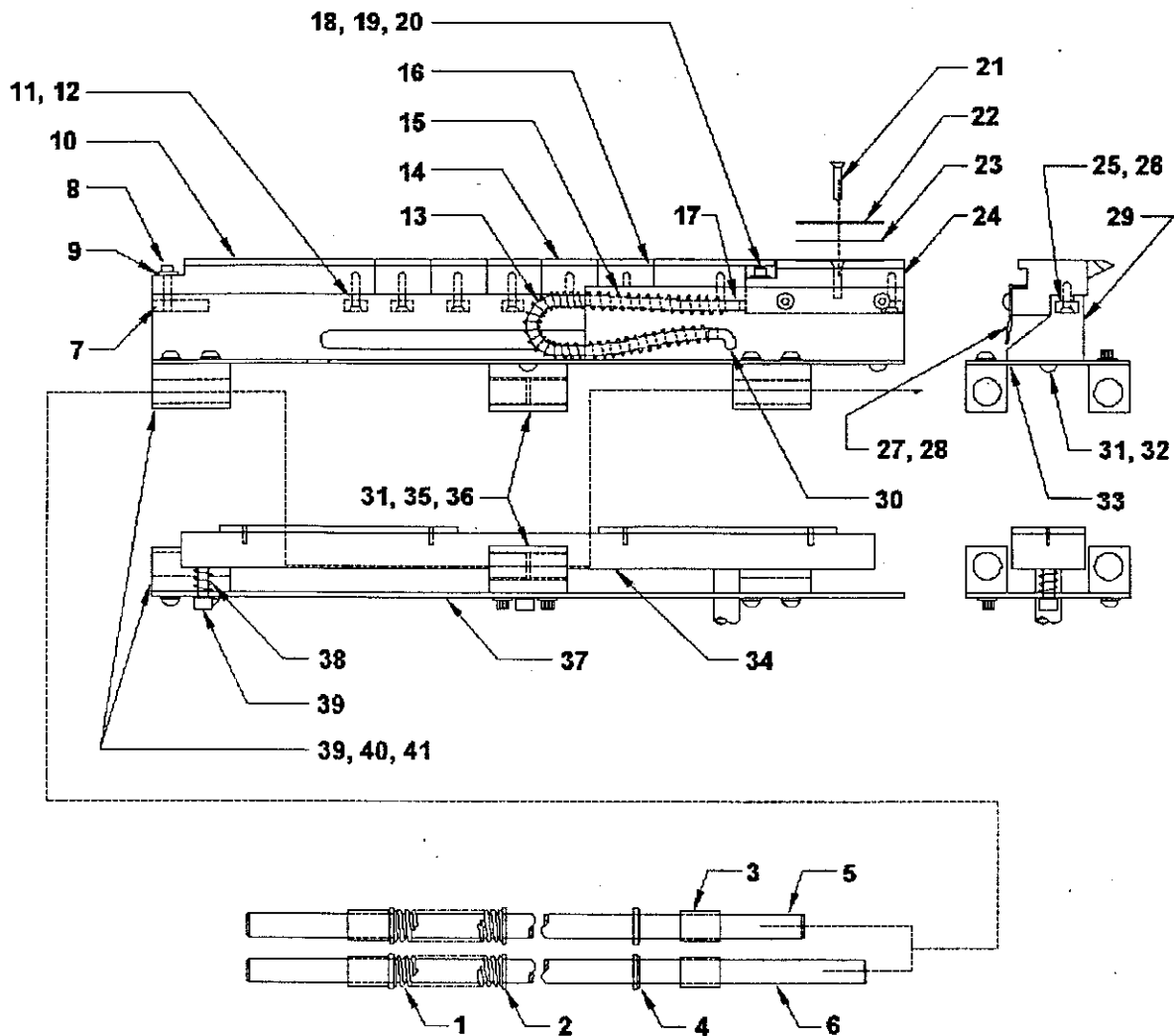


FEEDER SECTION

REGISTRATION SIDE PULLS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172344	STUD FOLLOWER	1
2	003164	WASHER -- .383 i.d., .745 o.d.	4
3	172424	LEVER ASSEMBLY	1
4	102215	NUT -- hex, 5/16-24	1
5	172028	ROD -- connecting	1
6	001834	NUT -- hex, 5/16-24	1
7	172094	SPRING -- extension	1
8	172025	ANCHOR -- spring	1
9	172336	ANCHOR -- spring	1
10	172345	ANCHOR -- spring	1
11	197353	ROD ENDS -- female, r.h.	1
12	172094	SPRING -- extension	1
13	172094	SPRING -- extension	1
14	197353	ROD ENDS -- female, r.h.	1
15	111054	SCREW -- 10-32 x 1/2"	2
16	172029	STUD -- bearing	1
17	197356	BEARING -- needle	1
18	172051	SPACER	1
19	172423	LEVER ASSEMBLY	1
20	172028	ROD -- connecting	1
21	102215	NUT -- 5/16-24	1
22	001834	NUT -- 5/16-24	1
23	197354	ROD ENDS -- female, l.h.	1
24	014192	SCREW -- hex cap, 5/16-24 x 3/4"	2
25	172051	SPACER	1
26	197356	BEARING -- needle	1
27	172029	STUD -- bearing	1
28	042150	ROLL PIN	2
29	172052	SHAFT -- pivot	1
30	172052	SHAFT -- pivot	2
31	172036	BRACKET -- pivot	1
32	100653	SCREW -- cap, 1/4-28 x 3/4"	3

FEEDER SECTION

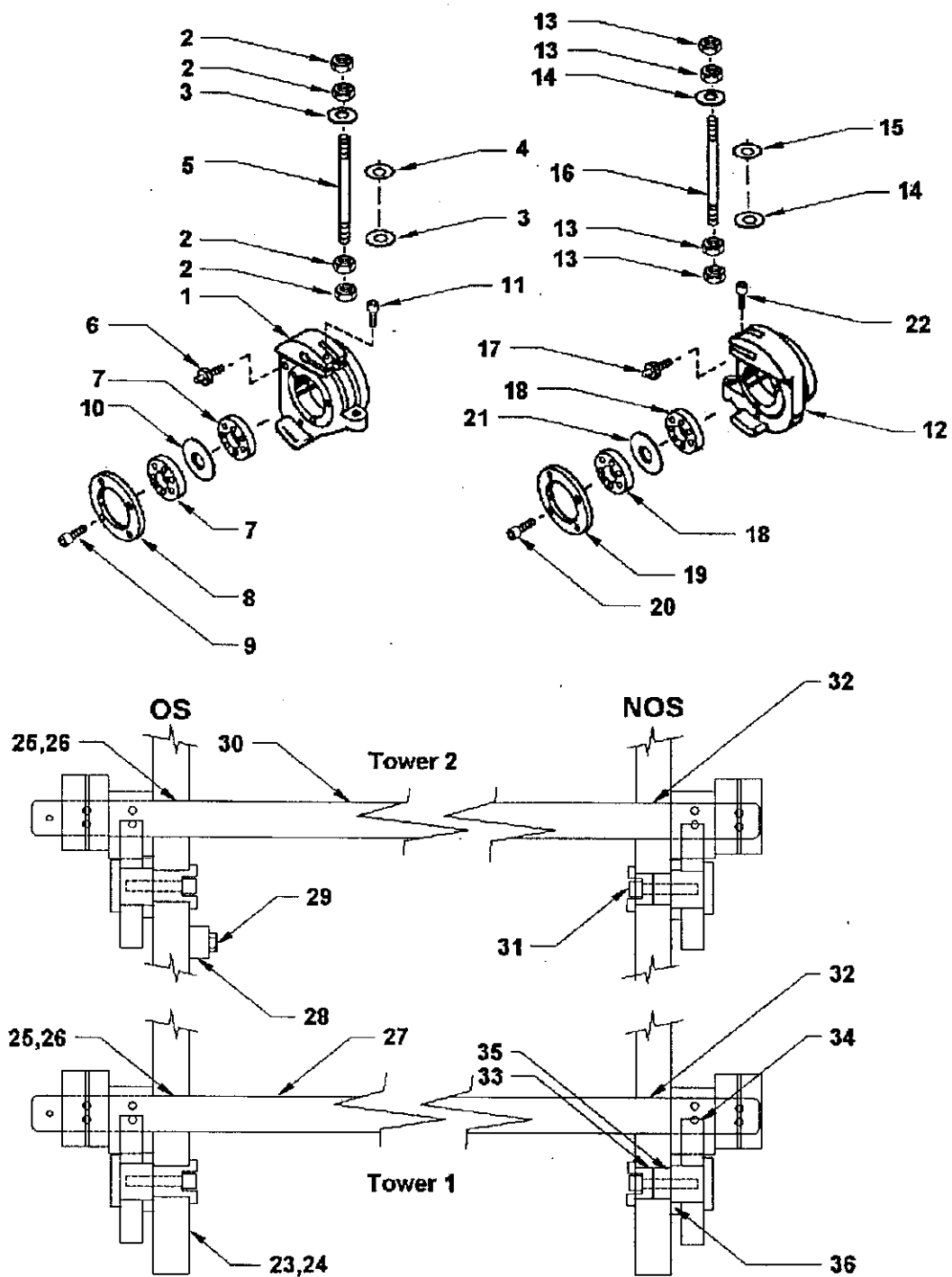


FEEDER SECTION

REGISTRATION ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172093	SPRING -- compression	2
2	192798	WASHER -- .507 i.d., .875 o.d.	6
3	197119	BEARING -- self lubricating	4
4	001094	RETAINING RING	2
5	172032	SHAFT -- valve	1
6	172031	SHAFT -- bar	1
7	172158	NUT -- t-slot	1
8	102211	SCREW -- hex socket, 10-32 x 1/2"	1
9	190601	WASHER -- .265 i.d., .375 o.d.	1
10	172327	FILLER -- end	1
11	172157	BUTTON -- t-slot	7
12	112565	SCREW -- 10-32 x 5/8"	7
13	172162	TUBE	1
14	172255	FILLER -- rosette	5
15	172163	SPRING -- tube	1
16	172326	COVER -- rosette	1
17	172153	TUBE -- rosette	1
18	172158	NUT -- t-slot	1
19	190601	WASHER -- .265 i.d., .375 o.d.	1
20	102211	SCREW -- 10-32 x 1/2"	1
21	014327	SCREW -- 10-32 x 1/2"	1
22	172152	PLATE -- vacuum	1
23	172525	GASKET -- plate vacuum	1
24	172252	MOUNT -- rosette	1
25	172157	BUTTON -- t-slot	1
26	112565	SCREW -- 10-32 x 5/8"	1
27	172172	GUARD -- tube	1
28	001693	SCREW -- 8-32 x 1/4"	2
29	172251	BASE -- rosette	1
30	172161	ELBOW -- rosette	1
31	000666	WASHER -- lock	8
32	101999	SCREW -- 10-32 x 1/2"	3
33	172253	CARRIER -- upper	1
34	172380	VACUUM ASSEMBLY	1
35	172165	TRUNNION ASSEMBLY	1
36	014215	SCREW -- 10-32 x 3/8"	2
37	172256	CARRIER -- lower	1
38	197080	SPRING -- compression	3
39	197079	SCREW -- shoulder	3
40	101999	SCREW -- 10-32 x 1/2"	4
41	178661	SUPPORT -- carrier	4

FEEDER SECTION

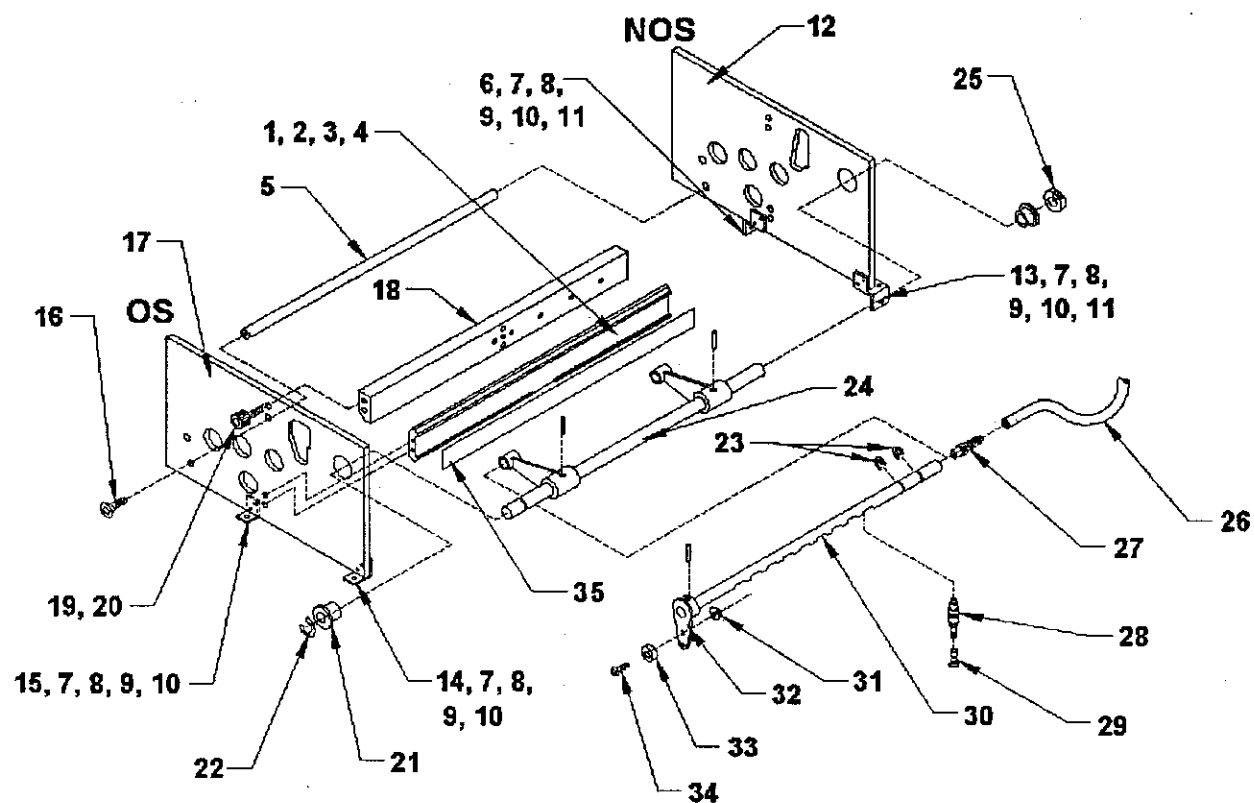


FEEDER SECTION

THROW ON/OFF LINKAGE

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180280	ECCENTRIC HOUSING ASSEMBLY -- l.h.	2
2	001834	NUT -- 5/16-24	8
3	014727	WASHER -- 3/8" i.d., 3/4" o.d., 1/32"	4
4	196927	WASHER -- belleville	32
5	178359	SCREW -- stop	2
6	197199	FITTING -- grease	2
7	102049	BALL BEARING	4
8	180205	END PLATE -- bearing	2
9	100334	SCREW -- 10-32 x 3/4"	8
10	196945	WASHER -- spacer	10
11	014219	SCREW	2
12	180279	ECCENTRIC HOUSING ASSEMBLY -- r.h.	2
13	001834	NUT -- 5/16-24	8
14	014727	WASHER -- 3/8" i.d., 3/4" o.d., 1/32"	4
15	196927	WASHER -- belleville	32
16	178359	SCREW -- stop	2
17	197199	FITTING -- grease	2
18	102049	BALL BEARING	4
19	180205	END PLATE -- bearing	2
20	100334	SCREW -- 10-32 x 3/4"	8
21	196945	WASHER -- spacer	10
22	014219	SCREW	2
23	197119	BEARING -- self lubricating	4
24	194801	BEARING	2
25	102122	SCREW -- cap, button head	6
26	172983	HOUSING	6
27	173024	CROSS SHAFT ASSEMBLY -- tower one	1
28	173396	STRAP	1
29	102213	SCREW	1
30	173023	CROSS SHAFT ASSEMBLY -- tower two	1
31	101626	SCREW	4
32	197092	BEARING -- sleeve, oilite	2
33	179936	BUSHING	4
34	180019	LEVER	4
35	180020	STUD	4
36	197063	SPACER	4

FEEDER SECTION



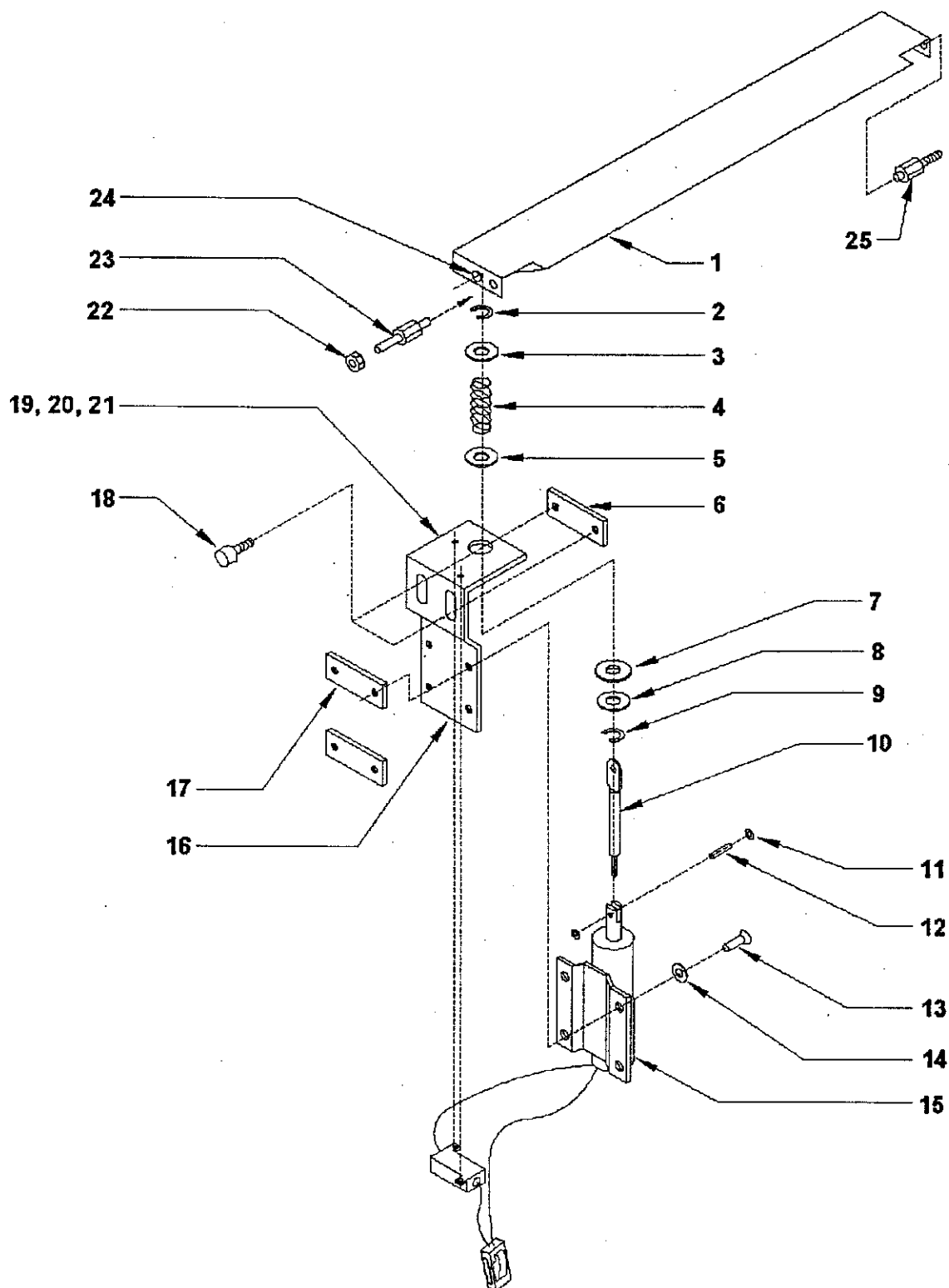
FEEDER SECTION

HEADER TUBE ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172229	BAR -- feeder tie	1
2	190129	SCREW -- 5/16-18 x 1/4"	2
3	197054	BOLT -- shoulder, 5/16-18 x 3/8"	2
4	001750	WASHER -- .338 i.d., .562 o.d.	2
5	178720	BAR -- lower tie	1
6	172357	BRACKET -- feeder mounting	1
7	102220	SCREW -- shoulder bolt, 3/8" x 3/4"	1
8	100653	SCREW -- cap, 1/4-28 x 3/4"	1
9	001731	WASHER -- lock, .250 i.d., .485 o.d.	1
10	150086	NUT -- lock, 5/16-18	2
11	190129	SCREW -- 5/16-18 x 1/4"	1
12	172268	FEEDER FRAME -- nos, (non-saleable)	1
13	172358	BRACKET -- feeder mounting	1
14	172355	BRACKET -- feeder mounting	1
15	172354	BRACKET -- feeder mounting	1
16	102130	SCREW -- 3/8-24 x 1"	2
17	172267	FEEDER FRAME -- os, (non-saleable)	1
18	172210	HANGER ASSEMBLY	1
19	100860	SCREW -- 3/8-24 x 9/16"	4
20	001763	WASHER -- lock, .385 i.d., .673 o.d.	4
21	197148	BUSHING -- oilite	2
22	001073	RETAINING RING	1
23	014510	"E" RING	2
24	178607	SHAFT ASSEMBLY	1
25	197160	COLLAR SHAFT	1
26	178403	TUBING -- clear, 3'8" i.d., 5/8" o.d., 17" (sold 15.5')	1
27	197182	BARB -- male connector	1
28	178881	SUCKER TUBE	11
29	178932	FEED SUCKER CUP	11
30	173368	HEADER TUBE ASSEMBLY	1
31	150085	NUT -- lock, 1/4-28	1
32	178603*	LEVER -- feed forward assembly	1
33	197451	TRACK -- roller, .875	1
34	102163	SCREW -- cap, 1/4-28 x .437	1
35	172967	DECAL	1

* DONT ORDER ALONE

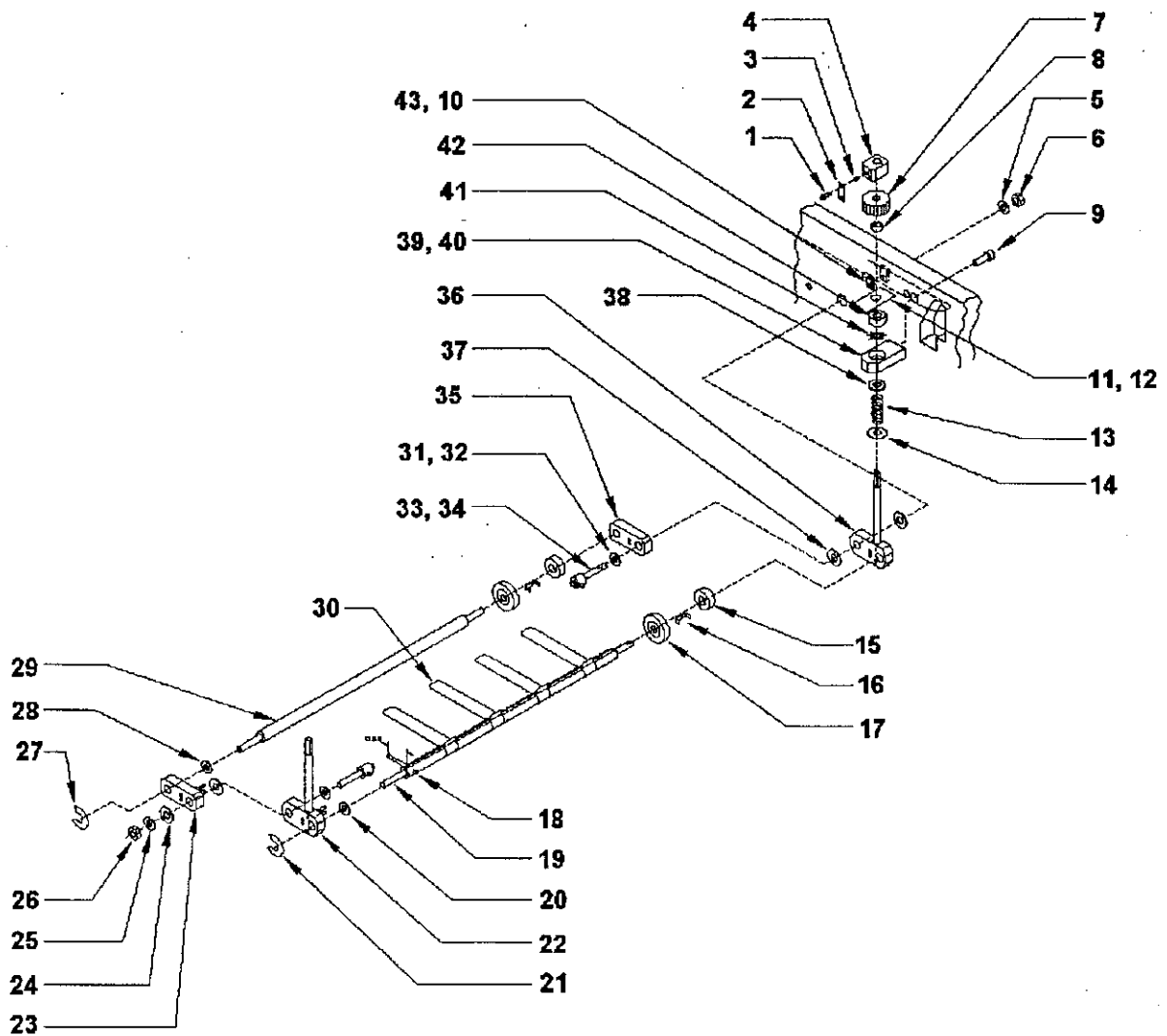
FEEDER SECTION



DOUBLES DIVERT ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178728	PLATE ASSEMBLY -- diverter	1
2	001060	RETAINING RING	1
3	021150	WASHER -- .254 i.d., .625 o.d.	1
4	192035	SPRING	1
5	021150	WASHER -- .254 i.d., .625 o.d.	1
6	197086	PLATE -- nut	1
7	197143	WASHER-- rubber	1
8	021150	WASHER -- .254 i.d., .625 o.d.	1
9	001060	RETAINING RING	1
10	178730	LINK -- solenoid	1
11	014515	RING -- plastic	2
12	192034	PIN -- solenoid	1
13	100529	SCREW -- 4/40 x 3/8"	4
14	192795	WASHER -- lock	4
15	180980	SOLENOID ASSEMBLY -- doubles divert	1
16	178731	BRACKET -- solenoid support	1
17	197345	PLATE -- nut	2
18	100653	SCREW -- cap, 1/4-28 x 3/4"	2
19	100137	NUT -- hex, 2-56	2
20	100138	WASHER -- lock	2
21	110002	SCREW -- 2-56 x 5/16"	2
22	150050	NUT -- 1/4-28	1
23	197088	STAND OFF -- pivot, os	1
24	014504	SNAP RING	1
25	197087	STUD	1

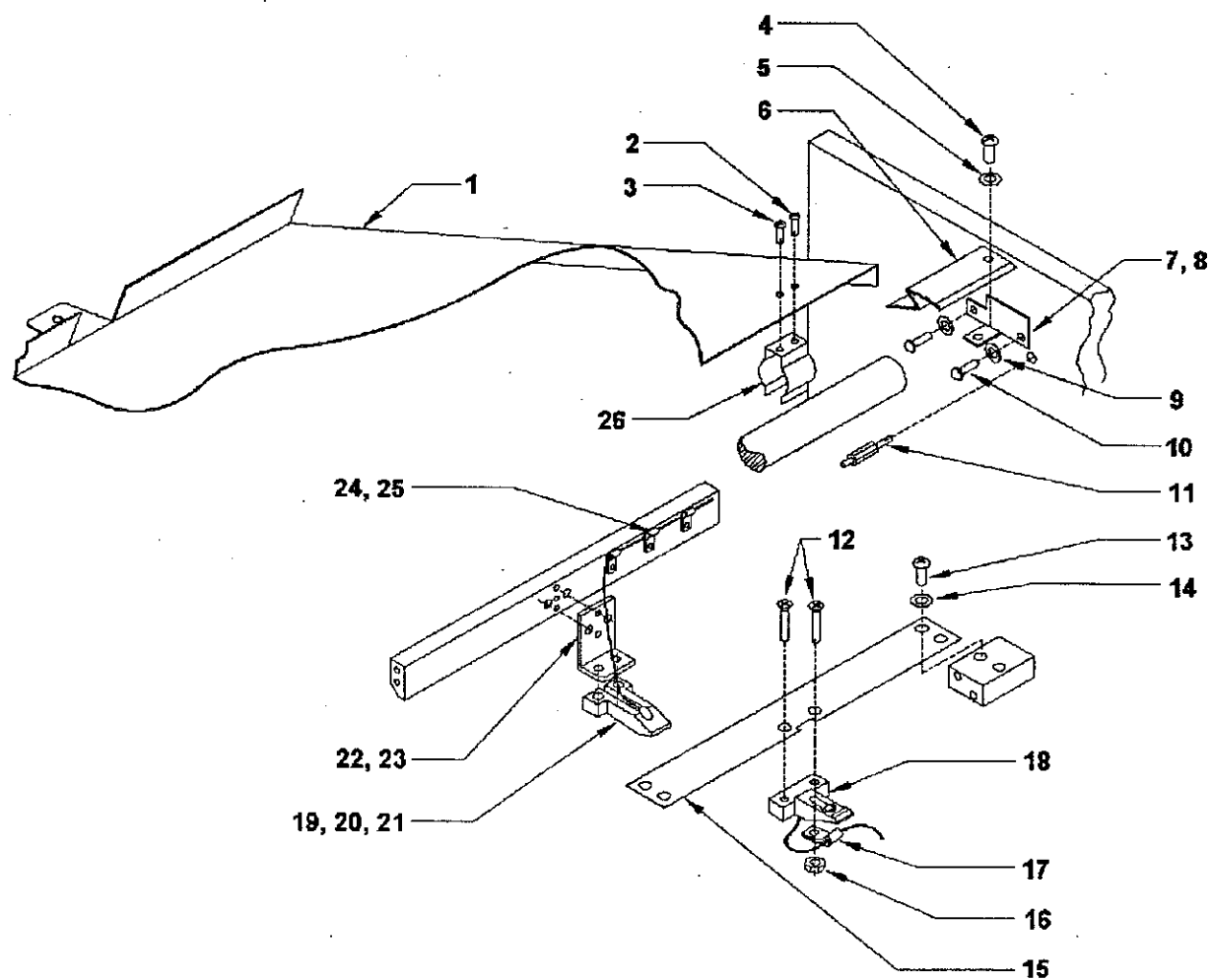
FEEDER SECTION



PULLOUT ROLLERS

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	001683	SCREW -- 6-32 x 5/16"	2
2	180690	SPRING -- detent	2
3	190130	SCREW -- set, nylok, 6-32 x 1/8"	2
4	180691	HOLDER -- spring	2
5	001710	WASHER -- lock, .320 i.d., .570 o.d.	1
6	001840	NUT -- 10-32	1
7	180688	KNOB -- upper roller	2
8	180687	SPACER -- upper roller	2
9	100653	SCREW -- cap, 1/4-28 x 3/4"	2
10	001690	SCREW -- 10-32 x 5/16"	2
11	172737	LABEL -- feed roll, nos	1
12	172736	LABEL -- feed roll, os	1
13	197011	SPRING -- compression	2
14	021203	WASHER -- .254 i.d., .500 o.d.	2
15	197158	BEARING -- spherical	4
16	172246	CLIP -- bearing retainer	4
17	172826	ROLLER ASSEMBLY	4
18	001992	PIN -- roll	1
19	172207	ROLLER SUPPORT ASSEMBLY	1
20	100998	WASHER -- .195 i.d., .438 o.d.	1
21	014504	RING -- snap	1
22	172203	LEVER SHAFT SUPPORT ASSEMBLY -- os	1
23	172539	LEVER ASSEMBLY	1
24	192258	WASHER	2
25	001710	WASHER -- lock, .320 i.d., .570 o.d.	1
26	001840	NUT AND WASHER -- 5/16-18	1
27	014504	RING -- snap	1
28	100998	WASHER -- .195 i.d., .438 o.d.	1
29	172123	SHAFT -- roller support	1
30	172220	GUIDE STRAP	4
31	001721	WASHER -- .380 i.d., .625 o.d.	2
32	172202	STUD GUIDE	2
33	003560	COLLAR	2
34	014372	SCREW -- set, 10-32 x 1/4"	2
35	172513	LEVER -- shaft support	2
36	172204	LEVER SHAFT SUPPORT ASSEMBLY -- nos	1
37	192258	WASHER -- .381 i.d., .562 o.d.	2
38	197157	BEARING -- thrust	1
39	172209	SUPPORT ARM -- os	1
40	172208	SUPPORT ARM -- nos	1
41	197219	RETAINING RING	1
42	197159	BEARING -- spherical	2
43	079764	CLAMP -- cable, plastic	2
44	001690	SCREW -- 10-32 x 5/16"	2

FEEDER SECTION

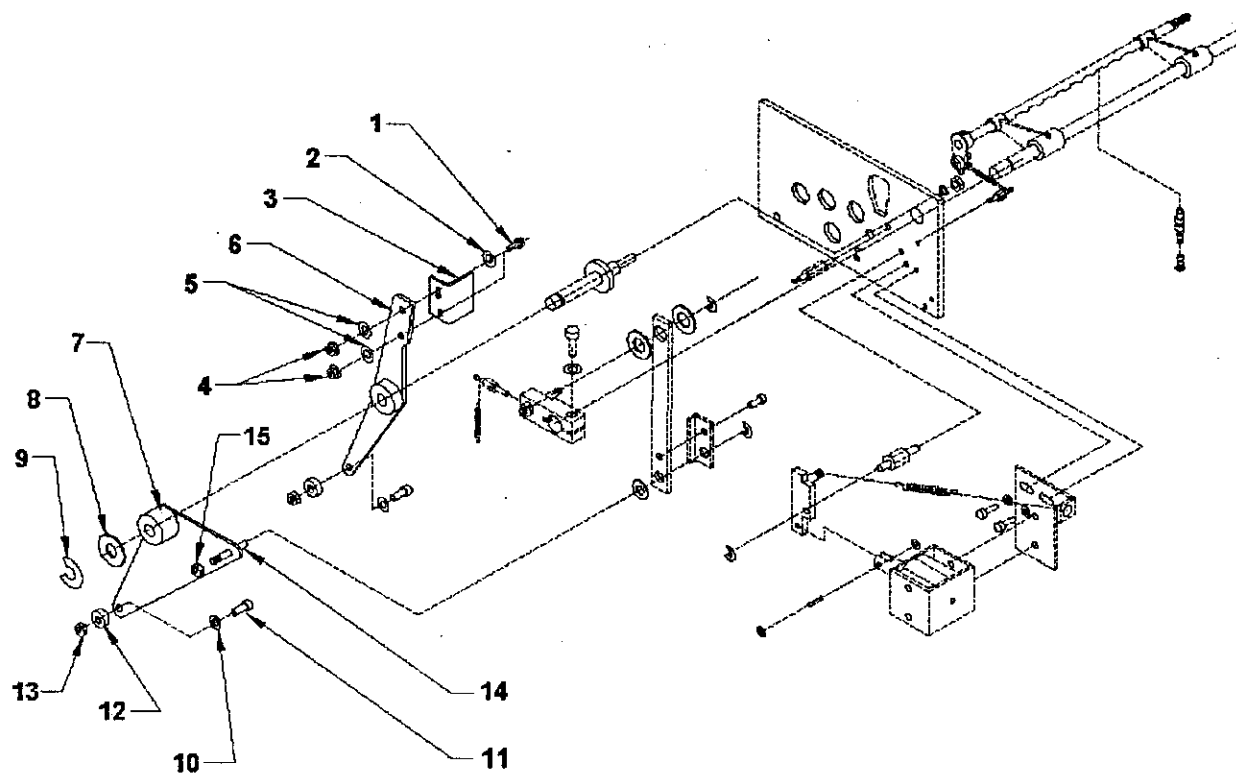


FEEDER SECTION

DOUBLES SENSOR

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172219	PAPER TRAY	1
2	112515	SCREW -- 4-40 x 5/16"	4
3	100115	NUT	4
4	101999	SCREW -- 10-32 x 1/2"	2
5	021861	WASHER -- .196 i.d., .437 o.d.	2
6	180982	FILLER -- diverter gap	1
7	172919	BRACKET -- os	1
8	172920	BRACKET -- nos	1
9	003855	WASHER -- .256 i.d., .500 o.d.	4
10	101626	SCREW -- 1/4-28 x 5/8"	4
11	197087	PLATE -- pivot, os	1
12	014326	SCREW -- 10-32 x 7/8"	2
13	101999	SCREW -- 10-32 x 1/2"	4
14	021861	WASHER -- .196 i.d., .437 o.d.	4
15	172119	GUIDE -- lower feeder paper	1
16	001804	NUT -- 10-32	1
17	250356	CLAMP -- cable	1
18	172146	SENSOR ASSEMBLY	1
19	021861	WASHER -- .196 i.d., .437 o.d.	2
20	101999	SCREW -- 10-32 x 1/2"	2
21	172147	IR EMITTER ASSEMBLY	1
22	101999	SCREW -- 10-32 x 1/2"	2
23	172135	BRACKET -- ir emitter assembly	1
24	101999	SCREW -- 10-32 x 1/2"	3
25	079764	CLAMP -- cable, plastic	3
26	172367	CLIP -- spring	2

FEEDER SECTION

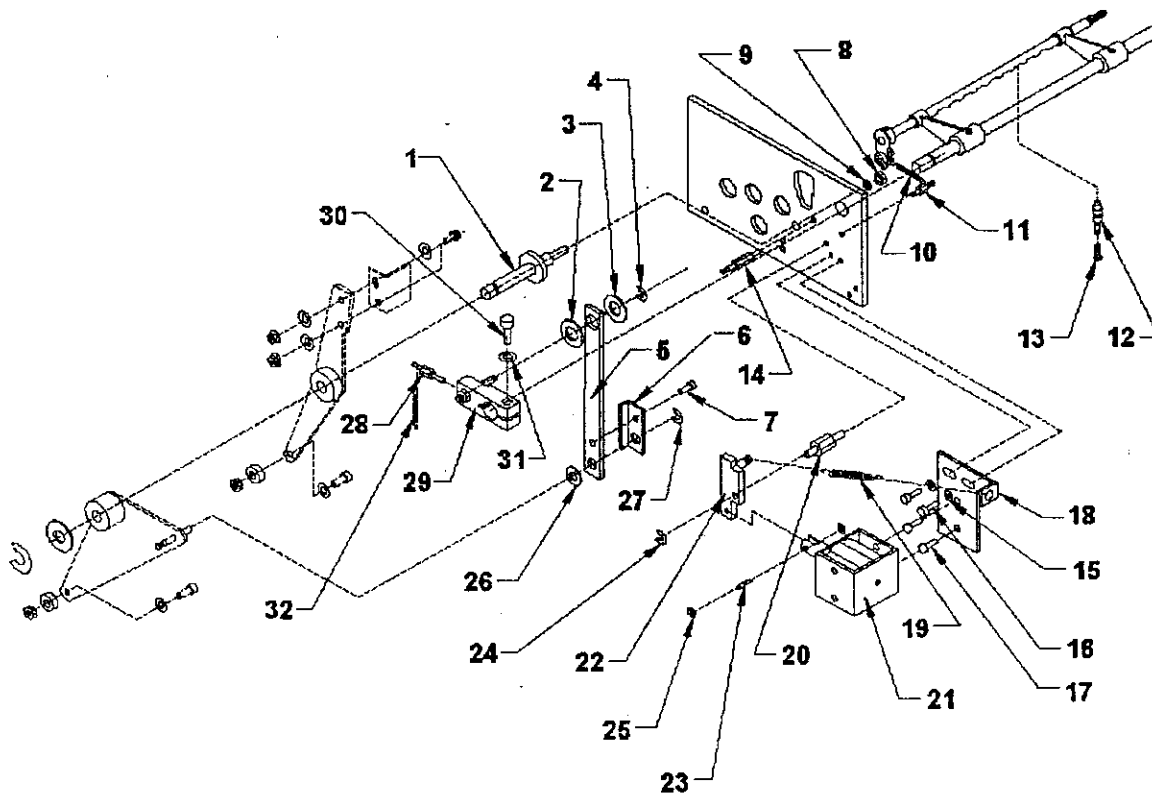


FEEDER SECTION

FEED LINK ASSEMBLY

<u>FIGURE</u>	<u>PART</u> <u>NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER</u> <u>ASSEMBLY</u>
1	173448	STUD -- eccentric, feed forward	2
2	014703	WASHER -- .384 i.d., .562 o.d.	1
3	173447	BRACKET -- lever, feed forward	1
4	001818	NUT -- 1/4-28	2
5	192797	WASHER -- .263 i.d., .489 o.d.	2
6	173446	LEVER ASSEMBLY	1
7	178841	LEVER ASSEMBLY	1
8	197127	WASHER -- thrust	1
9	001094	RETAINING RING	1
10	001766	WASHER -- .323 i.d., .500 o.d.	2
11	102163	SCREW -- button head, 1/4-28 x .437	2
12	197001	TRACK ROLLER	2
13	150085	NUT -- lock, 1/4-28	2
14	173674	PIN -- feed raise	1
15	014807	NUT	1

FEEDER SECTION

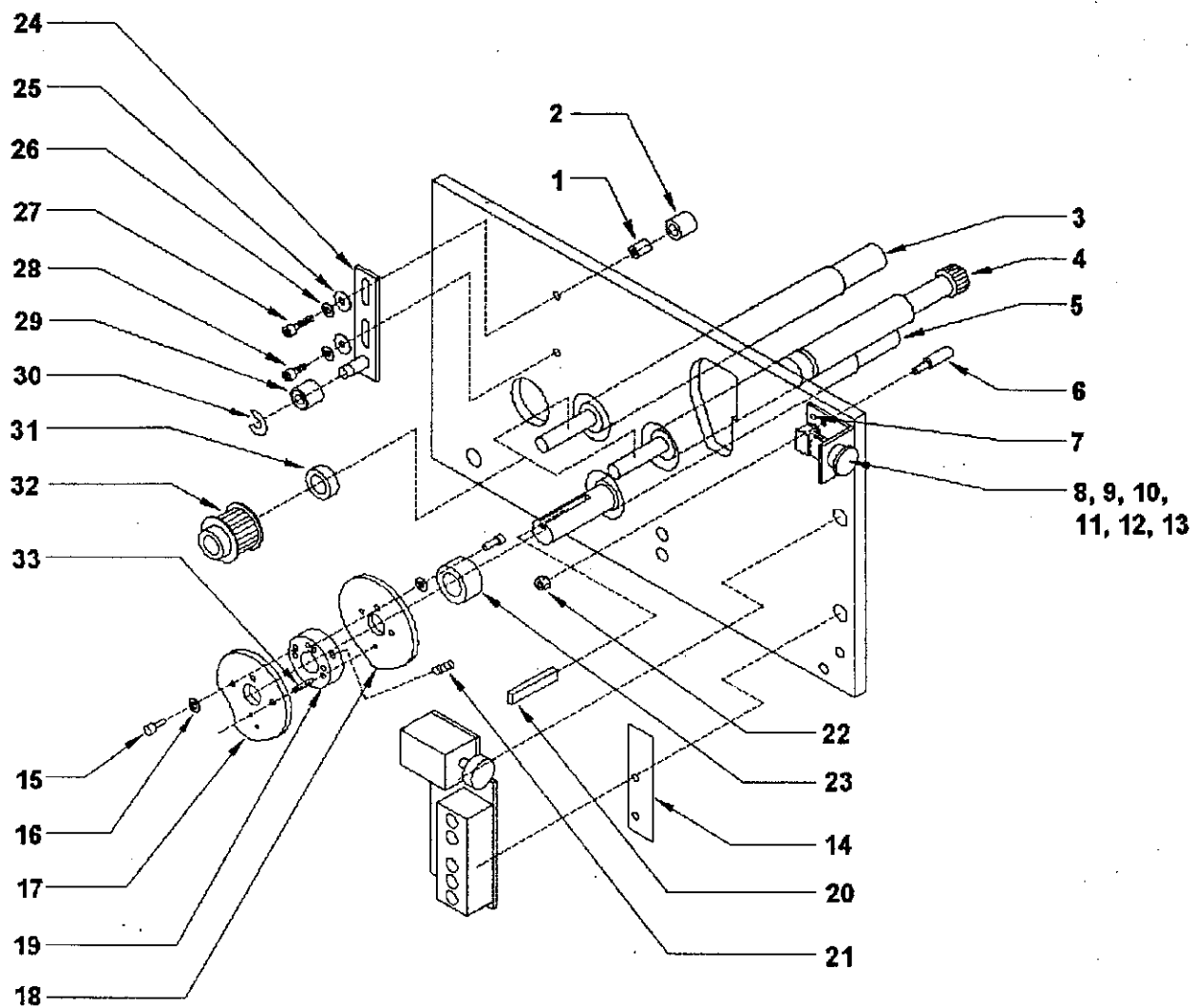


FEEDER SECTION

FEED SOLENOID

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172148	SHAFT -- follower	1
2	197126	WASHER -- thrust, .315 i.d., .750 o.d.	1
3	001750	WASHER -- .338 i.d., .562 o.d.	1
4	001095	RETAINING RING	1
5	178835	LINK ASSEMBLY	1
6	178962	NUT PLATE ASSEMBLY	1
7	001589	SCREW -- Phillips, 8/32 x 1/4"	1
8	001842	NUT -- 3/8-16	1
9	001763	WASHER -- lock, .385 i.d., .673 o.d.	1
10	197180	SPRING -- extension	1
11	196901	PIN -- spring anchor	1
12	178881	SUCKER TUBE	11
13	178932	FEED -- sucker cup	11
14	178847	STUD -- spring anchor	1
15	021203	WASHER -- .254 i.d., .500 o.d.	2
16	102122	SCREW -- 1/4-28 x 1/2"	2
17	014187	SCREW -- Phillips, 8/32 x 3/8"	2
18	178420	PLATE -- solenoid	1
19	197140	SPRING -- extension	1
20	172921	STAND OFF	1
21	253375	SOLENOID	1
22	178418	PAWL ASSEMBLY -- stop	1
23	190713	PIN	1
24	001049	RETAINING RING	1
25	014515	RING -- plastic	2
26	197126	WASHER -- thrust, .315 i.d., .750 o.d.	1
27	001095	RETAINING RING	1
28	196901	PIN -- spring anchor	1
29	173456	LEVER ASSEMBLY	1
30	014157	SCREW -- 1/4-28 x 1 1/4"	1
31	001731	WASHER -- lock, .250 i.d., .485 o.d.	1
32	197147	SPRING -- extension	1

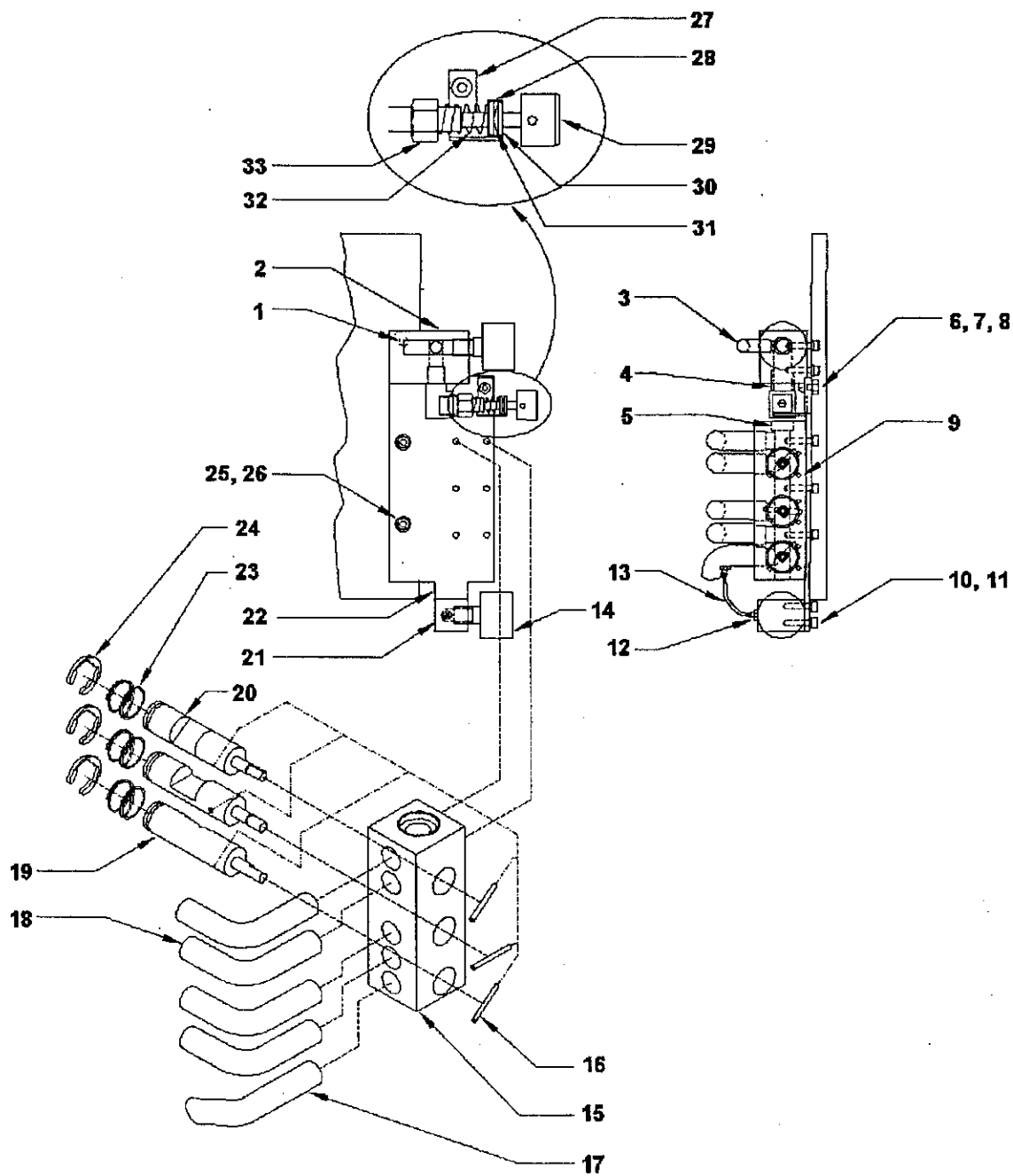
FEEDER SECTION



EMERGENCY STOP SWITCH ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172174	TUBING -- vinyl, .25" i.d., .37" o.d., 3/8" (sold 3')	1
2	178402	TUBING -- natural, .375 i.d., .500 o.d., 3/8" (sold 3')	1
3	172149	SHAFT -- doubles diverter	1
4	172145	ROLLER GEAR ASSEMBLY	1
5	178723	SHAFT -- cam	1
6	173107	STUD	1
7	102122	SCREW -- cap, 1/4-28 x 1/2"	1
8	253474	SWITCH -- push button activator	1
9	253475	SWITCH -- toggle	1
10	178339	BRACKET -- stop switch	1
11	101626	SCREW -- 1/4-28 x 5/8"	2
12	001731	WASHER -- lock, .250 i.d., .485 o.d.	4
13	102122	SCREW -- cap, 1/4-28 x 1/2"	1
14	172778	SPACER	1
15	101626	SCREW -- 1/4-28 x 5/8"	6
16	001731	WASHER -- lock, .250 i.d., .485 o.d.	6
17	178449	CAM -- feed raise	1
18	178450	CAM -- feed forward	1
19	173457	HEADER -- hub assembly	1
20	197178	KEY	1
21	001573	SCREW -- set, 1/4-28 x 5/16"	2
22	001832	NUT -- 1/4-28	1
23	178805	IDLER -- take up	1
24	178801	PLATE ASSEMBLY	1
25	191384	WASHER -- .260 i.d., .750 o.d.	2
26	001731	WASHER -- lock, .250 i.d., .485 o.d.	2
27	014157	SCREW -- hex, 1/4-28 x 1 1/4"	1
28	101626	SCREW -- 1/4-28 x 5/8"	1
29	178804	IDLER -- take up	1
30	001094	RETAINING RING	1
31	190394	SPACER	2
32	178806	PULLEY	2
33	102268	PIN -- dowel, .1877/.1875	

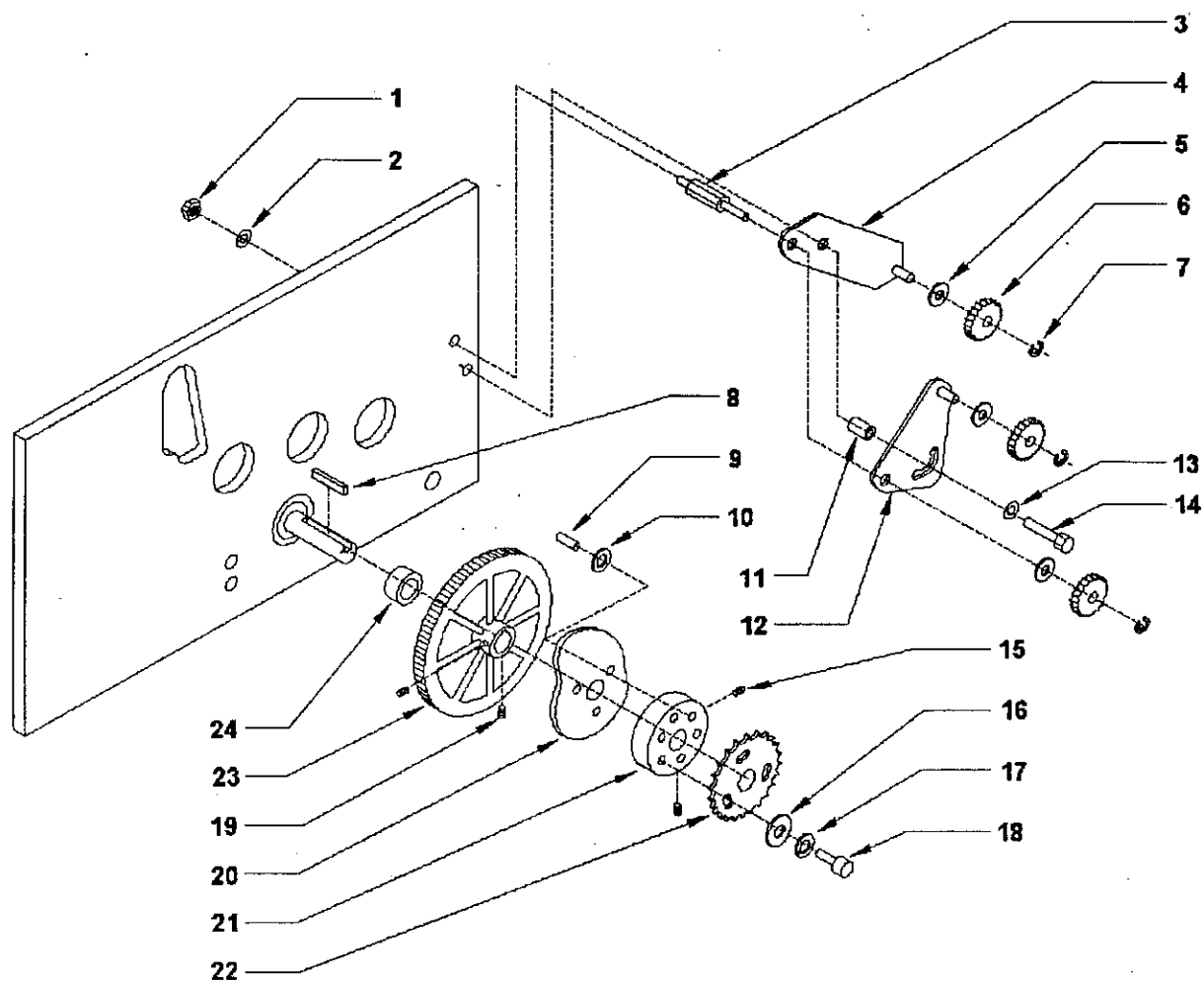
FEEDER SECTION



AIR AND VACUUM CONTROL VALVES

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	014327	SCREW -- 10-32 x 1/2"	1
2	180960	MOUNT -- gage registration	1
3	180780	ELBOW -- 90 degrees x 3/8"	1
4	180778	ELBOW -- 90 degrees, street	1
5	180835	PLUG -- loctite	1
6	101999	SCREW -- 10-32 x 1/2"	1
7	021861	WASHER -- .196 i.d., .437 o.d.	1
8	150083	NUT -- lock, 10-32	1
9	032868	PIN -- roll	6
10	014158	SCREW -- 10-32 x 1/2"	9
11	000666	WASHER -- lock, .198 i.d., .334 o.d.	9
12	179815	BARB -- 10-32 x 1/16"	1
13	178407	TUBING -- clear, .063 i.d., .125 o.d., 3" (sold 31')	1
14	180961	GAGE -- vacuum	2
15	180772	BODY -- valve	1
16	101876	PIN -- roll	3
17	180776	ELBOW ASSEMBLY -- loctite, 90 degree	1
18	180775	ELBOW -- loctite, 90 degrees x 5/8"	4
19	180774	SPOOL -- feeder valve	1
20	180773	SPOOL -- valve	2
21	180959	MOUNT -- gage feeder	1
22	180782	PLATE -- valve	1
23	197326	SPRING -- compression	3
24	102184	RETAINING RING -- black	3
25	101626	SCREW -- 1/4-28 x 5/8"	2
26	001731	WASHER -- lock, .250 i.d., .485 o.d.	2
27	180783	GUIDE -- nut	1
28	172812	RETAINER -- nut	1
29	180472	KNOB	4
30	197387	NUT -- square	2
31	001726	WASHER -- speed clip, .258 i.d., .438 o.d.	1
32	178775	SPRING -- compression	1
33	180771	RELEASE VALVE -- vacuum	1

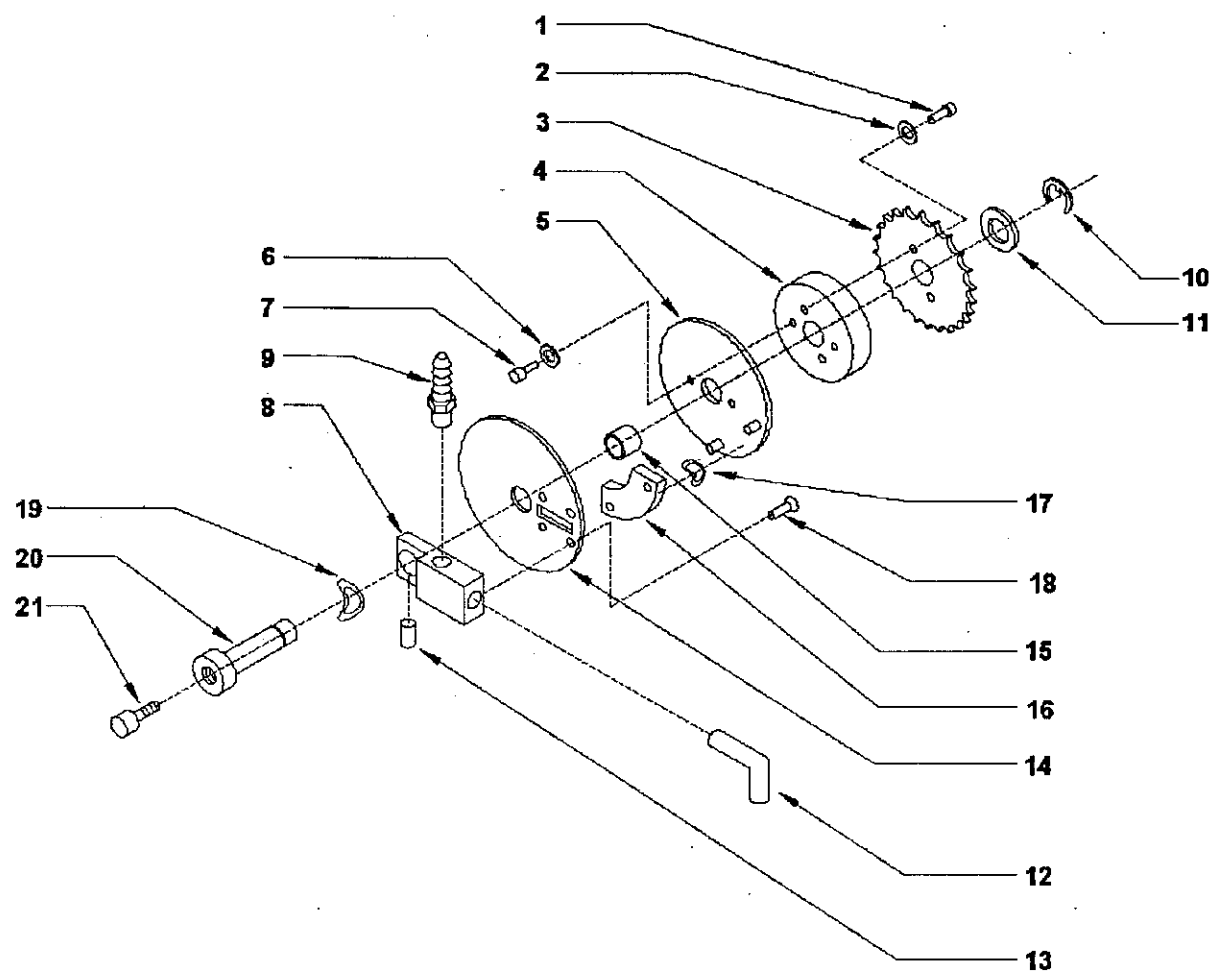
FEEDER SECTION



FEEDER DRIVE

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	190254	NUT -- hex, spécial, sub.	1
2	001763	WASHER -- lock, .385 i.d., .673 o.d.	1
3	178813	STUD -- pivot	1
4	178816	BRACKET ASSEMBLY -- idler	1
5	197076	WASHER -- thrust	3
6	178814	SPROCKET -- idler	3
7	001094	RETAINING RING	3
8	197134	KEY -- timing pulley	1
9	111074	SCREW -- 1/4-28 x 3/4"	3
10	003855	WASHER -- .256 i.d., .500 o.d.	3
11	178812	SPACER	1
12	178809	MOUNTING PLATE ASSEMBLY	1
13	001771	WASHER -- .385 i.d., .875 o.d.	1
14	102267	SCREW -- 3/8-24 x 2 1/2"	1
15	001573	SCREW -- 1/4-28 x 5/16"	2
16	191797	WASHER -- .265 i.d., .625 o.d.	3
17	001731	WASHER -- lock, .250 i.d., .487 o.d.	3
18	100653	SCREW -- cap, 1/4-28 x 3/4"	3
19	006825	SCREW -- set, 1/4-20 x 3/8"	2
20	180529	CAM -- power paper feeler	1
21	172867	HUB -- drive sprocket	1
22	178682	SPROCKET -- feeder	1
23	173454	GEAR -- drive	1
24	197174	SPACER	1

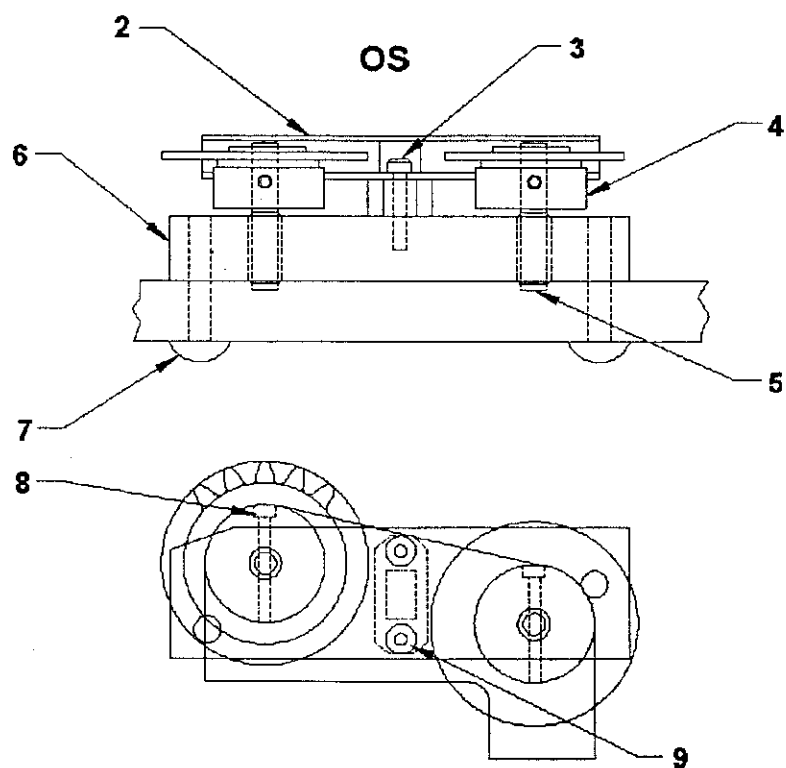
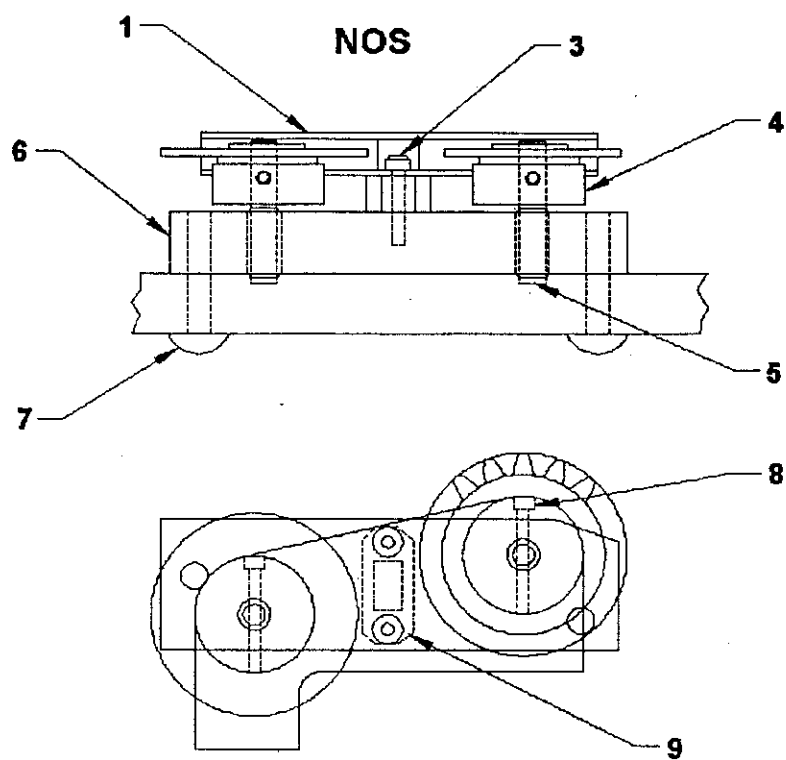
FEEDER SECTION



VACUUM TIMING SPROCKET

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	101626	SCREW -- 1/4-28 x 5/8"	2
2	001731	WASHER -- lock, .250 i.d., .485 o.d.	2
3	178678	SPROCKET -- vacuum timing	1
4	178676	SPACER ASSEMBLY	1
5	180840	DISC ASSEMBLY -- port	1
6	001731	WASHER -- lock, .250 i.d., .485 o.d.	2
7	100339	SCREW -- cap, 1/4-28 x 3/8"	2
8	180794	MANIFOLD VALVE	1
9	197182	BARB -- male connector	1
10	001073	RETAINING RING	1
11	197078	WASHER -- thrust, 3/4" i.d., 1 1/4" o.d.	1
12	180775	ELBOW -- 90 degrees x 5/8"	1
13	001573	SCREW -- 1/4-28 x 5/16"	1
14	180793	DISK -- port	1
15	197337	BEARING -- sleeve	1
16	180792	PLATE -- timing	1
17	197338	WASHER -- curved, spring	1
18	014384	SCREW -- Phillips, 8-32 x 3/8"	4
19	197077	WASHER -- curved, spring	1
20	178670	SHAFT -- vacuum idler	1
21	111099	SCREW -- 3/8-24 x 7/8"	1

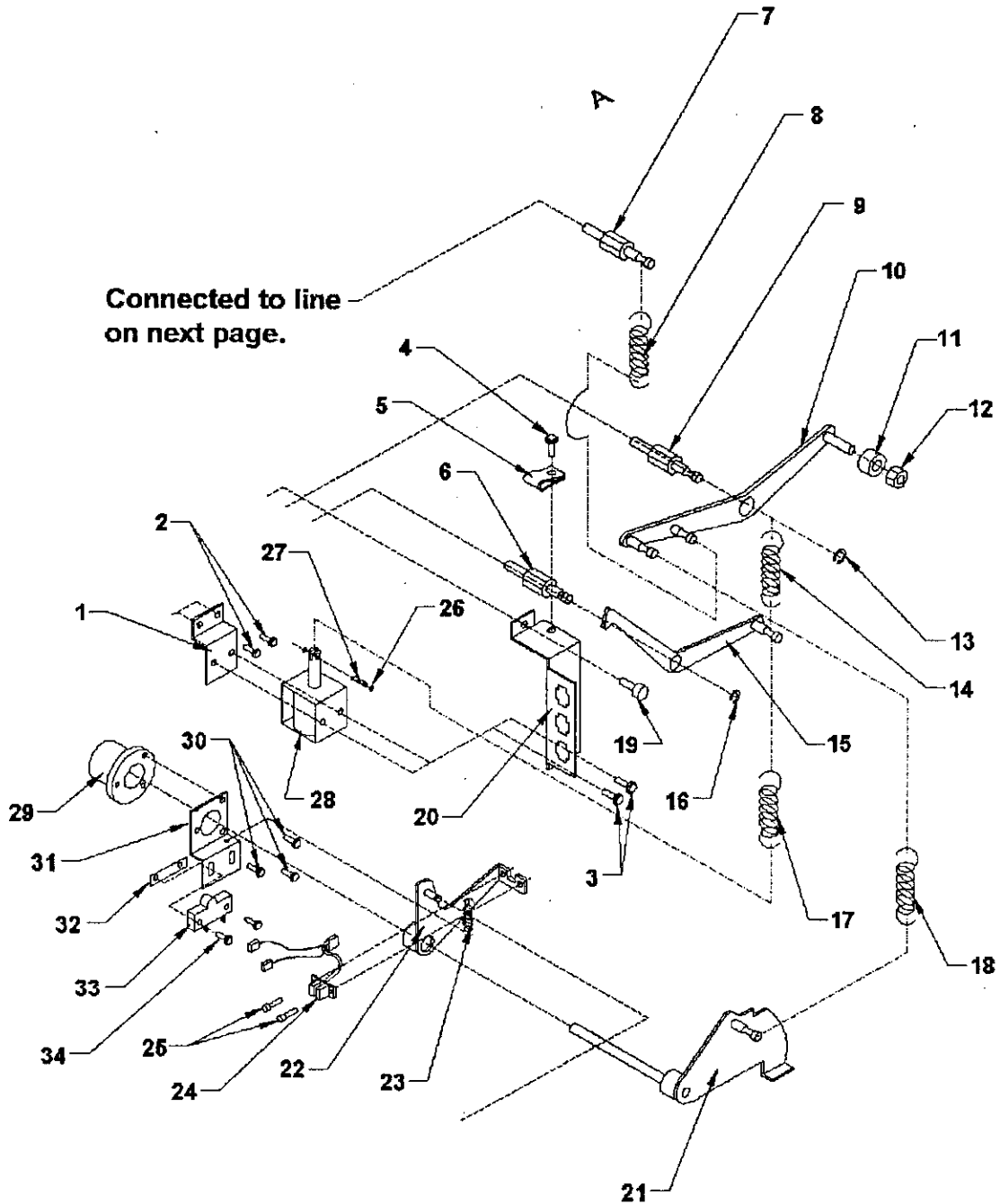
FEEDER SECTION



SPROCKET ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180635	GUARD ASSEMBLY -- nos	1
2	180613	GUARD ASSEMBLY -- os	1
3	101676	SCREW -- 10-24 x 3/4"	4
4	180908	SPROCKET ASSEMBLY	4
5	001048	RETAINING RING	8
6	180910	BLOCK -- support	2
7	102186	SCREW -- 3/8-24 x 1"	4
8	000024	PIN -- taper	4
9	180626	SPACER -- chain guard	2

FEEDER SECTION

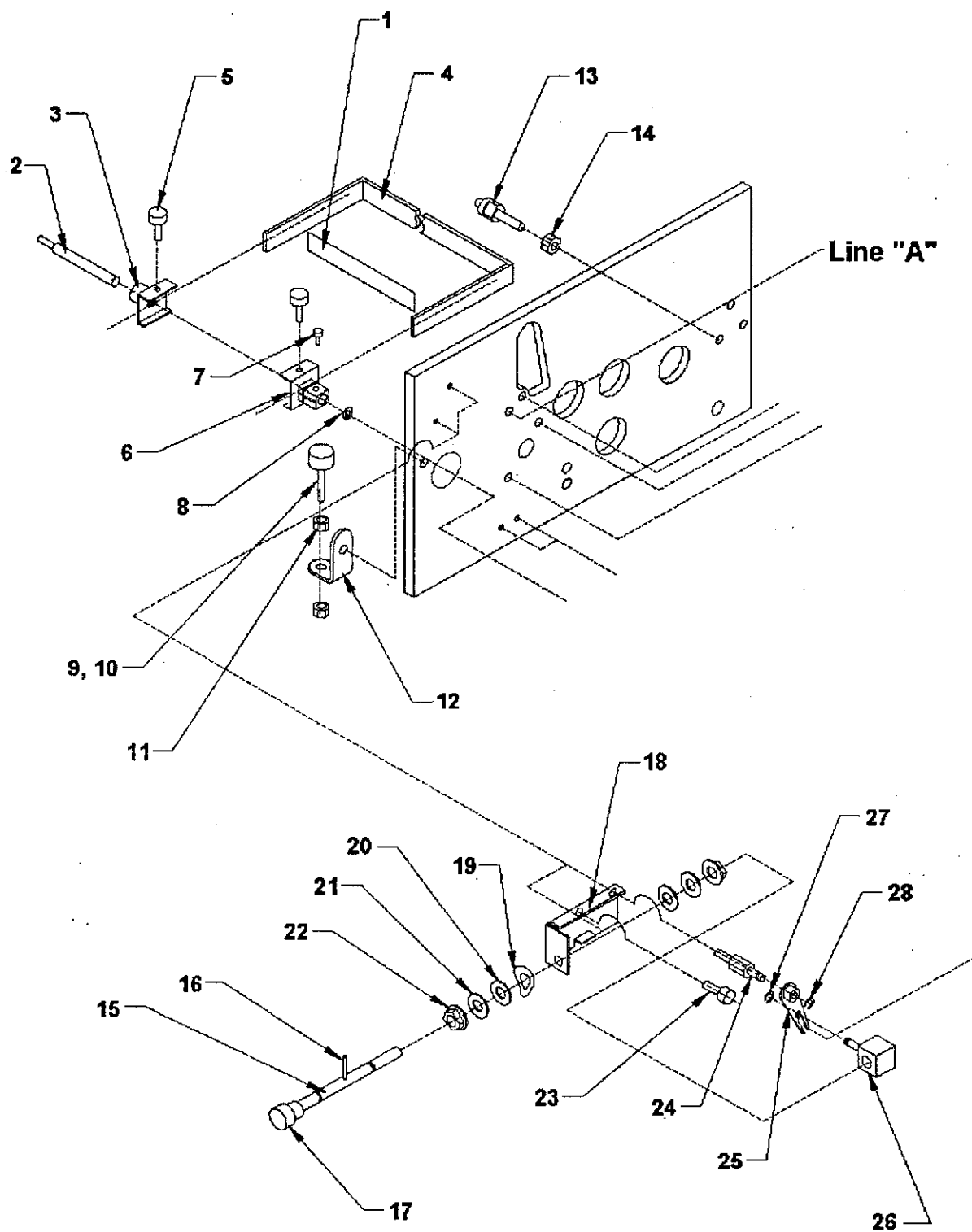


FEEDER SECTION

BAIL BAR SENSOR ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178907	BRACKET -- solenoid	1
2	014162	SCREW -- 1/4-28 x 1/2"	2
3	001693	SCREW -- 8-32 x 1/4"	2
4	001220	SCREW -- 10-32 x 3/8"	1
5	250203	CLAMP -- cable	1
6	178906	STUD -- pivot	1
7	197175	STUD -- spring	1
8	193035	SPRING	1
9	178903	STUD -- pivot	1
10	178901	LEVER ASSEMBLY -- cam follower	1
11	197001	TRACK -- roller	1
12	150084	NUT -- lock, 1/4-20	1
13	001080	RETAINING RING	1
14	192182	SPRING -- extension	1
15	178904	LEVER ASSEMBLY	
16	001060	RETAINING RING	1
17	197166	SPRING -- extension	1
18	073325	SPRING	1
19	014195	SCREW -- cap, 1/4-20 x 5/8"	1
20	172898	BRACKET -- bail bar connector	1
21	173461	LEVER ASSEMBLY -- height control	1
22	180532	LEVER ASSEMBLY -- optical sw.	1
23	016289	SPRING -- lever, r.h.	1
24	172995	HARNESS -- feeder interconnect	1
25	110113	SCREW	2
26	014515	RING -- plastic	2
27	190713	PIN	1
28	253375	SOLENOID	1
29	178908	BRACKET HOUSING ASSEMBLY	1
30	101999	SCREW	3
31	180987	BRACKET -- switch mounting	1
32	190731	PLATE -- nut	1
33	253822	SWITCH	1
34	001587	SCREW	2

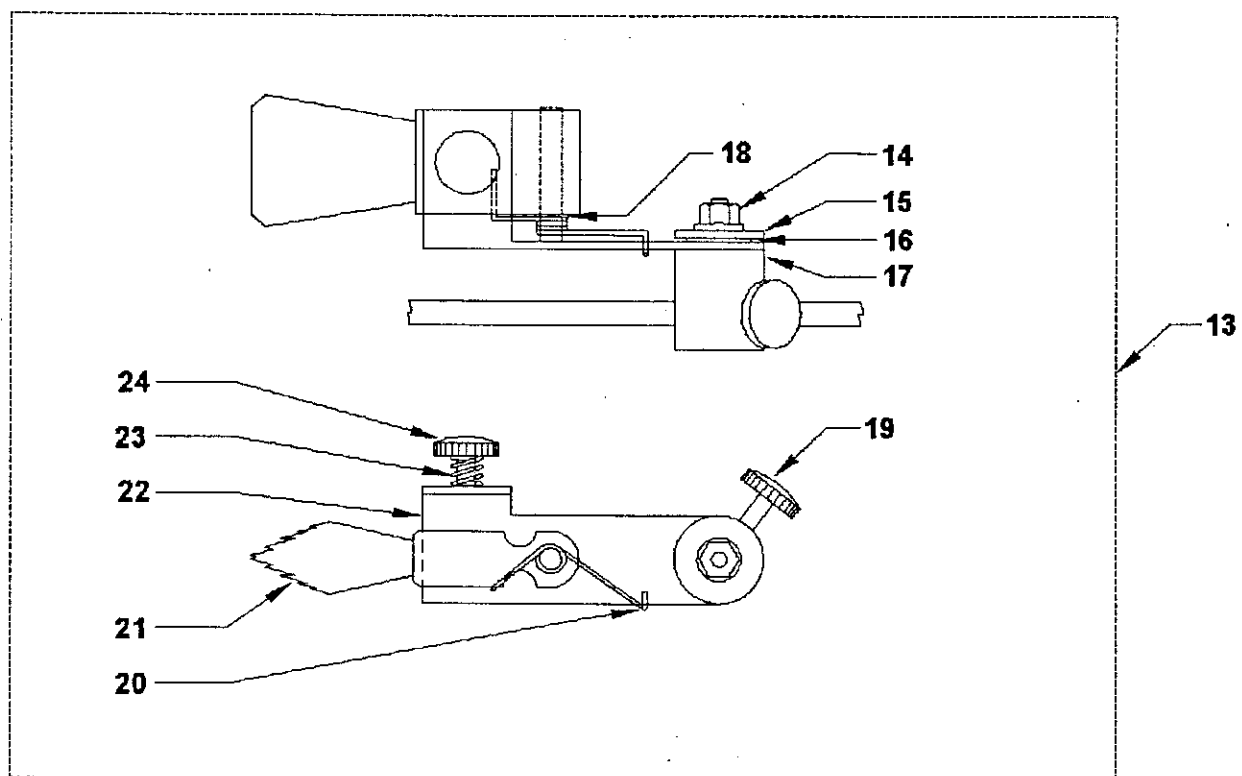
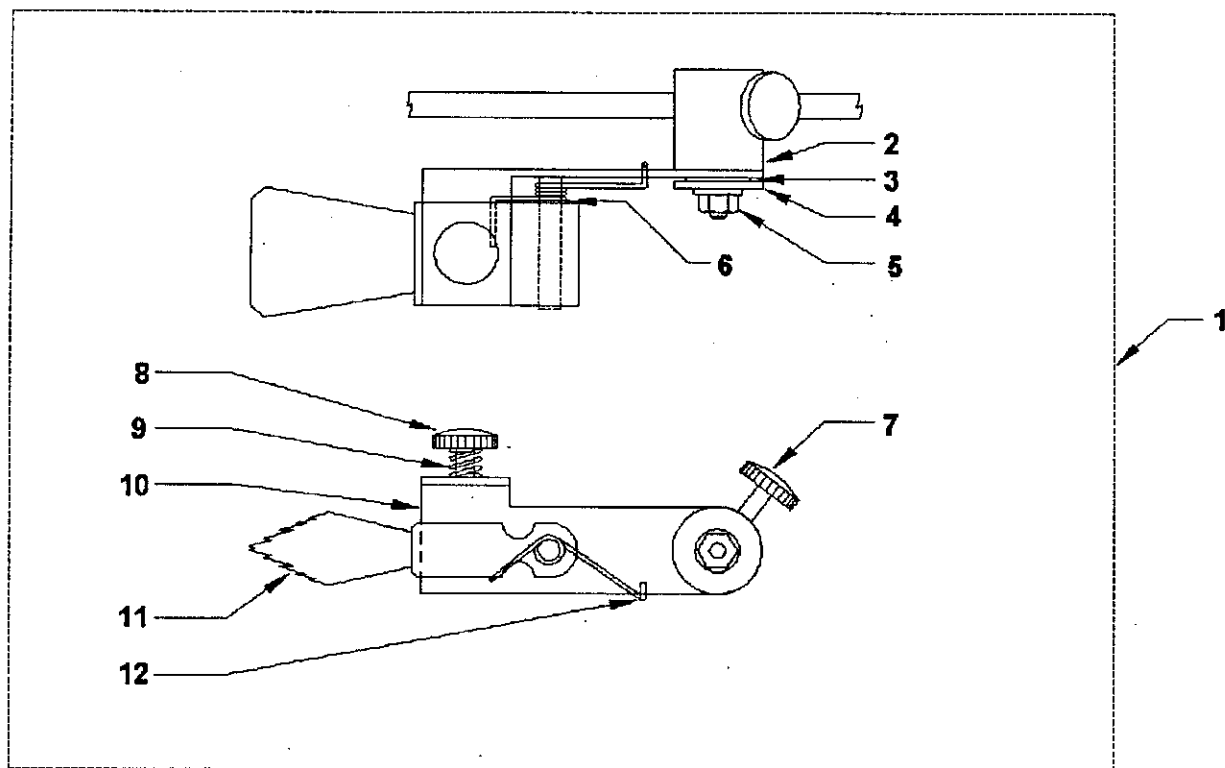
FEEDER SECTION



BAIL BAR ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172968	LABEL -- scale	1
2	178902	STUD -- threaded	1
3	178917	MOUNTING BRACKET ASSEMBLY	1
4	178921	BAR -- paper hold, down	1
5	065361	SCREW -- thumb	2
6	178927	MOUNTING BRACKET -- os	1
7	100334	SCREW -- 10-32 x 3/4"	1
8	100740	RETAINING RING	1
9	100649	SCREW -- 5/16-24 x 3/4"	2
10	180444	BUMPER	2
11	100710	NUT -- hex, 5/16-18	4
12	180443	BRACKET BUMPER	2
13	172240	PIVOT -- conveyor	2
14	190254	NUT -- hex special sub.	2
15	180537	SHAFT -- control	1
16	100554	PIN -- spiral	1
17	180472	KNOB	1
18	180538	BRACKET -- support	1
19	193577	WASHER -- spring	1
20	180531	WASHER -- friction	2
21	003586	WASHER -- .380 i.d., .750 o.d.	2
22	150088	NUT -- lock, 3/8-16	2
23	014162	SCREW -- 1/4-28 x 1/2"	1
24	180530	STUD -- threaded	1
25	180539	LEVER ASSEMBLY -- regulator	1
26	180534	NUT -- special	1
27	014459	RING -- bowed "E"	1
28	001060	RETAINING RING	1

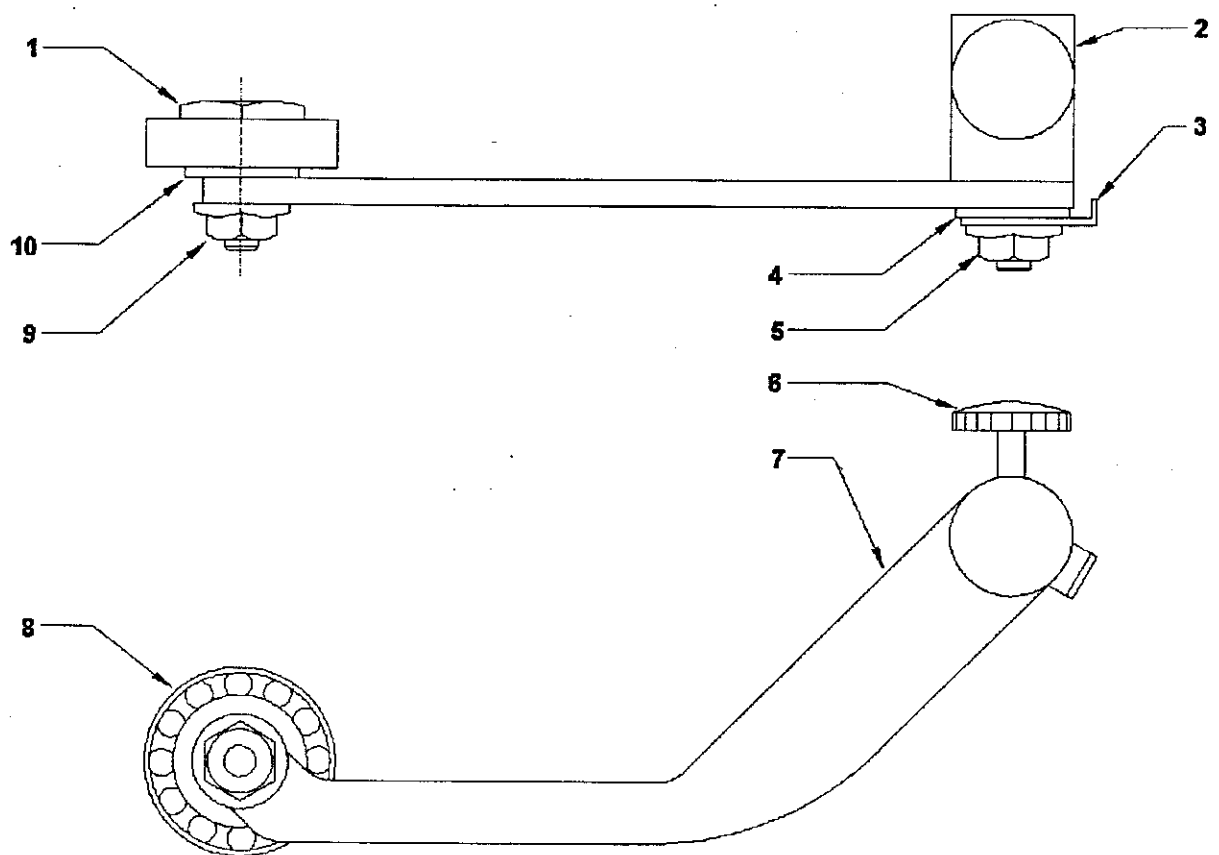
FEEDER SECTION



BRUSH ASSEMBLIES

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172120	BRUSH ASSEMBLY	1
2	179232	CLAMP	1
3	193795	WASHER -- thrust	1
4	014713	WASHER -- .203 i.d., .750 o.d.	1
5	150083	NUT -- lock, 10-32	1
6	014464	RING -- grip	1
7	172266	SCREW -- knurled	1
8	065361	SCREW -- thumb	1
9	179666	SPRING -- compression	1
10	172117	BRACKET ASSEMBLY	1
11	180662	BRUSH -- trail edge	1
12	172114	SPRING -- torsion	1
13	172216	BRUSH ASSEMBLY	1
14	150083	NUT -- lock, 10-32	1
15	014713	WASHER -- .203 i.d., .750 o.d.	1
16	193795	WASHER -- thrust	1
17	179232	CLAMP	1
18	014464	RING -- grip	1
19	172266	SCREW -- knurled	1
20	172269	SPRING -- torsion	1
21	180662	BRUSH -- trail edge	1
22	172215	BRACKET ASSEMBLY	1
23	179666	SPRING -- compression	1
24	065361	SCREW -- thumb	1

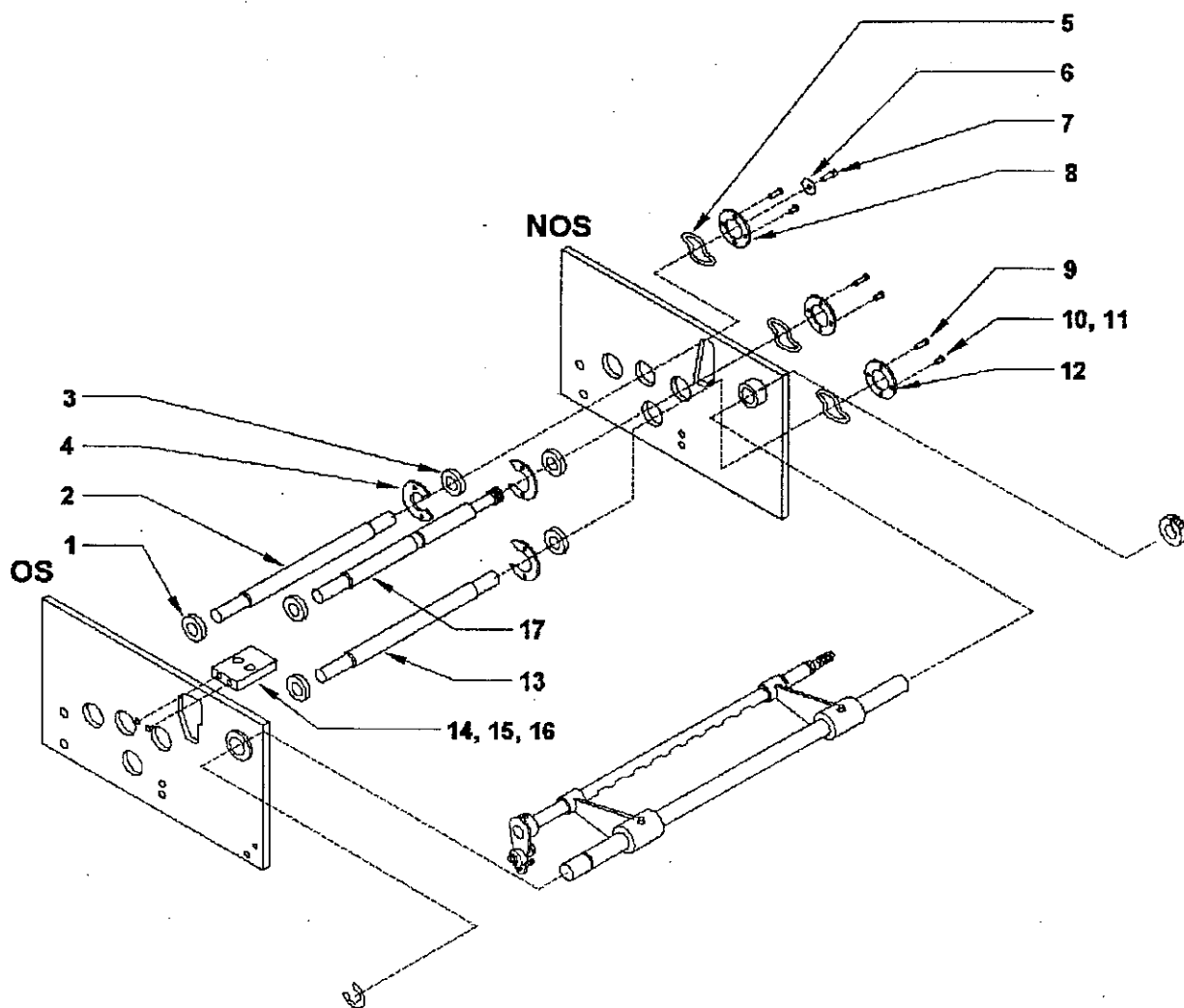
FEEDER SECTION



CONVEYOR ROLLER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	196849	SCREW -- shoulder pressure roller	1
2	179232	CLAMP -- pressure roller	1
3	179234	STOP -- roller arm	1
4	014713	WASHER -- .203 i.d., .750 o.d.	1
5	150083	NUT -- lock, 10-32	1
6	172266	SCREW -- knurled	1
7	172111	ARM -- roller	1
8	197000	BEARING -- paper hold down	1
9	150083	NUT -- lock, 10-32	1
10	014713	WASHER -- .203 i.d., .750 o.d.	1

FEEDER SECTION

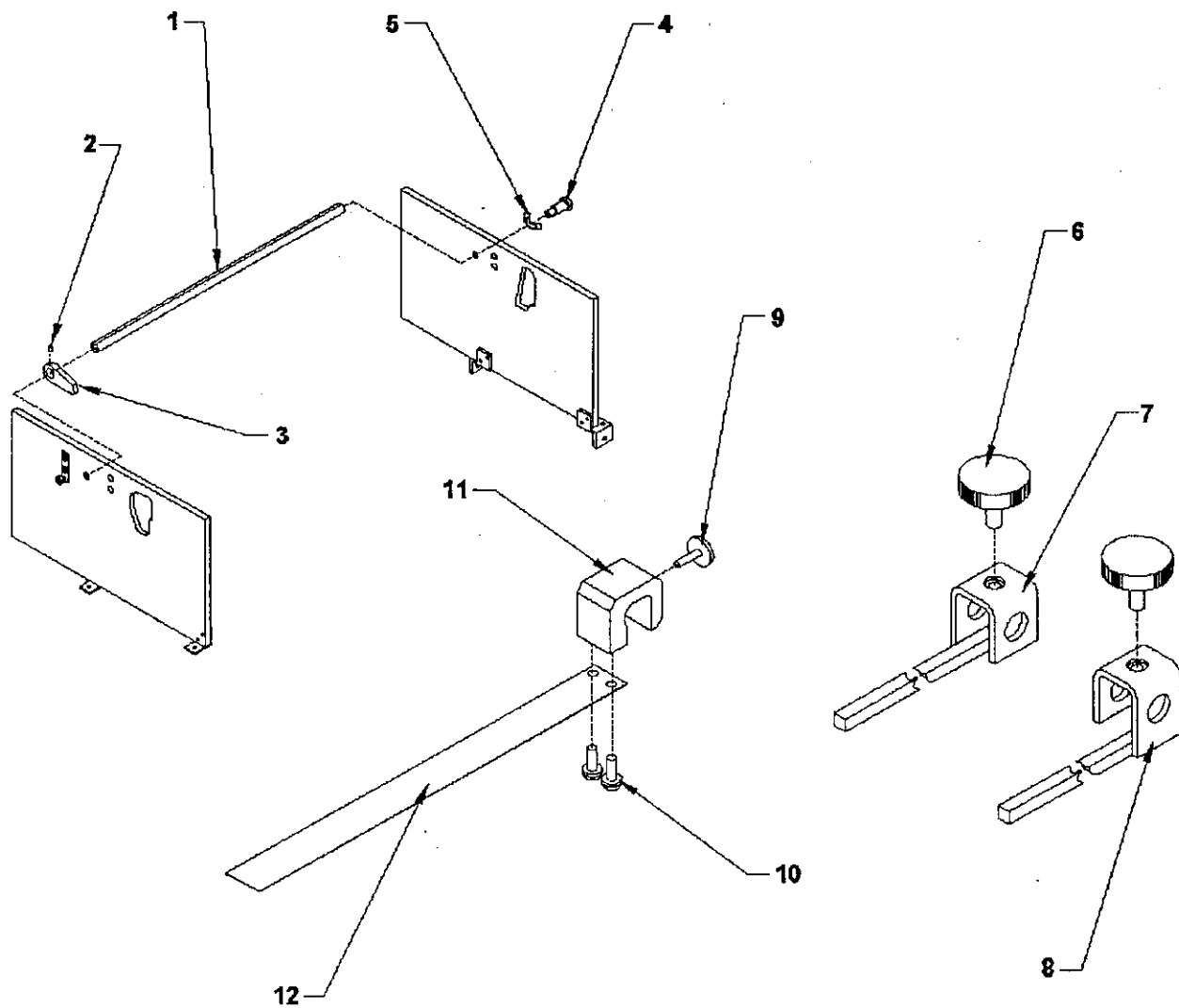


FEEDER SECTION

LOWER FEED ROLLER AND GEAR ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	080312	BEARING	3
2	172149	SHAFT -- doubles diverter	1
3	080312	BEARING	3
4	172131	HUB -- bearing retainer	3
5	197145	WASHER -- wave spring	3
6	191384	WASHER -- .260 i.d., .750 o.d.	1
7	100339	SCREW -- cap, 1/4-28 x 3/8"	1
8	172132	PLATE -- bearing retainer	2
9	102129	SCREW -- 10-32 x 7/8"	6
10	101999	SCREW -- 10-32 x 1/2"	6
11	000666	WASHER -- lock	12
12	172133	PLATE -- bearing retainer	1
13	178723	SHAFT -- cam	1
14	172139	BLOCK -- guide support	2
15	192125	WASHER	4
16	014175	SCREW -- 10-32 x 7/8	4
17	172145	ROLLER AND GEAR ASSEMBLY -- lower feed	1

FEEDER SECTION

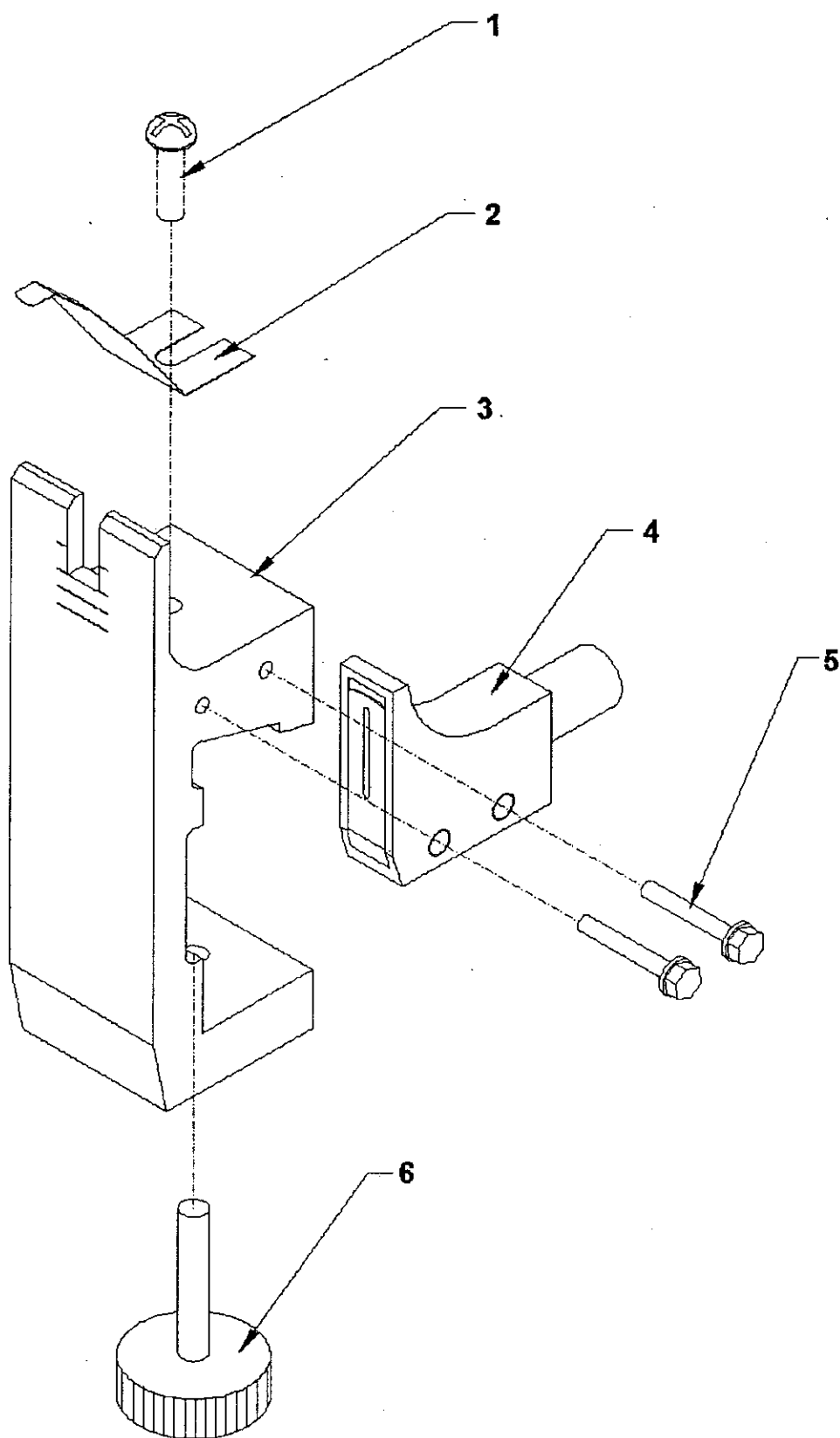


FEEDER SECTION

HOLD DOWN STRAPS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178721	BAR -- upper tie	1
2	001573	SCREW -- 1/4-28 x 5/16"	1
3	172720	LEVER -- stop	1
4	072304	SCREW -- shoulder	1
5	193577	SPRING -- washer	4
6	173350	SCREW -- knurled	4
7	180646	SHAFT -- r.h. assembly	2
8	180644	SHAFT -- l.h. assembly	2
9	065361	SCREW -- thumb	5
10	101001	SCREW -- Phillips, 10-32 x 3/8"	10
11	172236	BRACKET -- hold down	5
12	172237	STRAP -- hold down	5

FEEDER SECTION

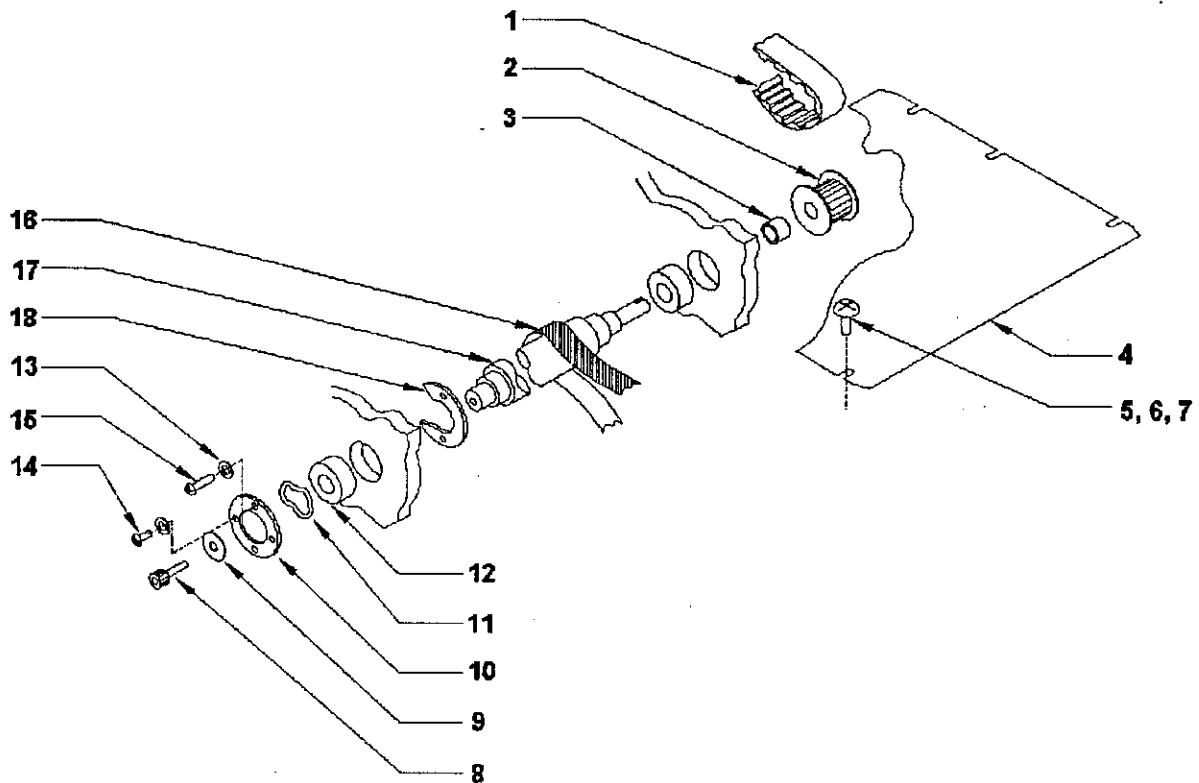


FEEDER SECTION

SHEET SEPARATOR AND BLOWER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	001683	SCREW -- 6-32 x 5/16"	4
2	178965	SPRING	4
3	172230	STOP	4
4	172617	BLOWER BODY	2
5	101031	SCREW -- 6-32 x 3/4"	4
6	065361	SCREW -- thumb	4

FEEDER SECTION

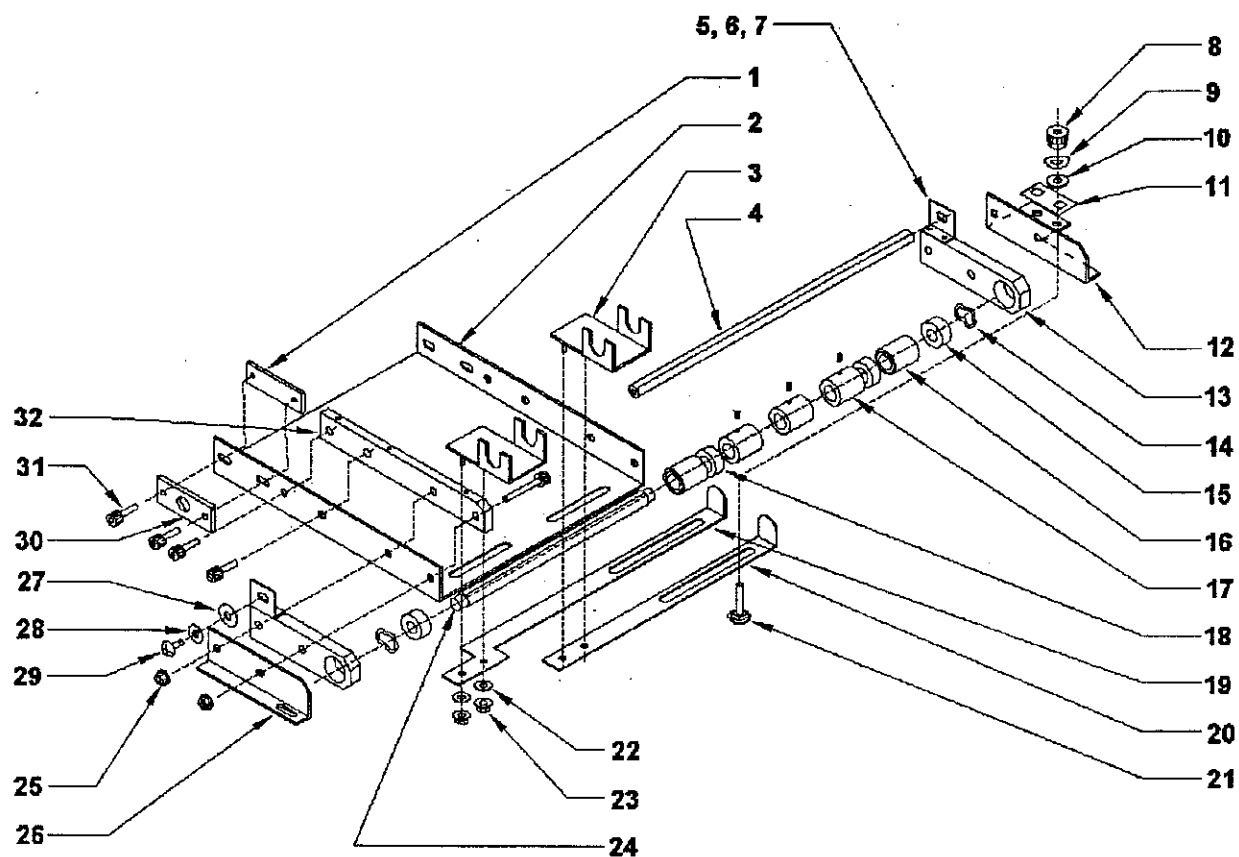


FEEDER SECTION

FEEDER CONVEYOR ASSEMBLY -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178808	BELT -- timing	1
2	178806	PULLEY	1
3	190394	SPACER	1
4	172526	PLATE CONVEYOR	1
5	101999	SCREW -- 10-32 x 1/2"	6
6	000666	WASHER -- lock, .200 i.d., .334 o.d.	6
7	021861	WASHER -- .196 i.d., .437 o.d.	6
8	100339	SCREW -- cap, 1/4-28 x 3/8"	1
9	191384	WASHER -- .260 i.d., .750 o.d.	1
10	172132	PLATE -- bearing retainer	1
11	197145	WASHER -- wave, spring	1
12	080312	BEARING	2
13	000666	WASHER -- lock, .200 i.d., .334 o.d.	4
14	101999	SCREW -- 10-32 x 1/2"	2
15	102129	SCREW -- 10-32 x 7/8"	2
16	172496	BELT -- conveyor	5
17	178722	SHAFT -- conveyor drive	1
18	172131	HUB -- bearing retainer	1

FEEDER SECTION

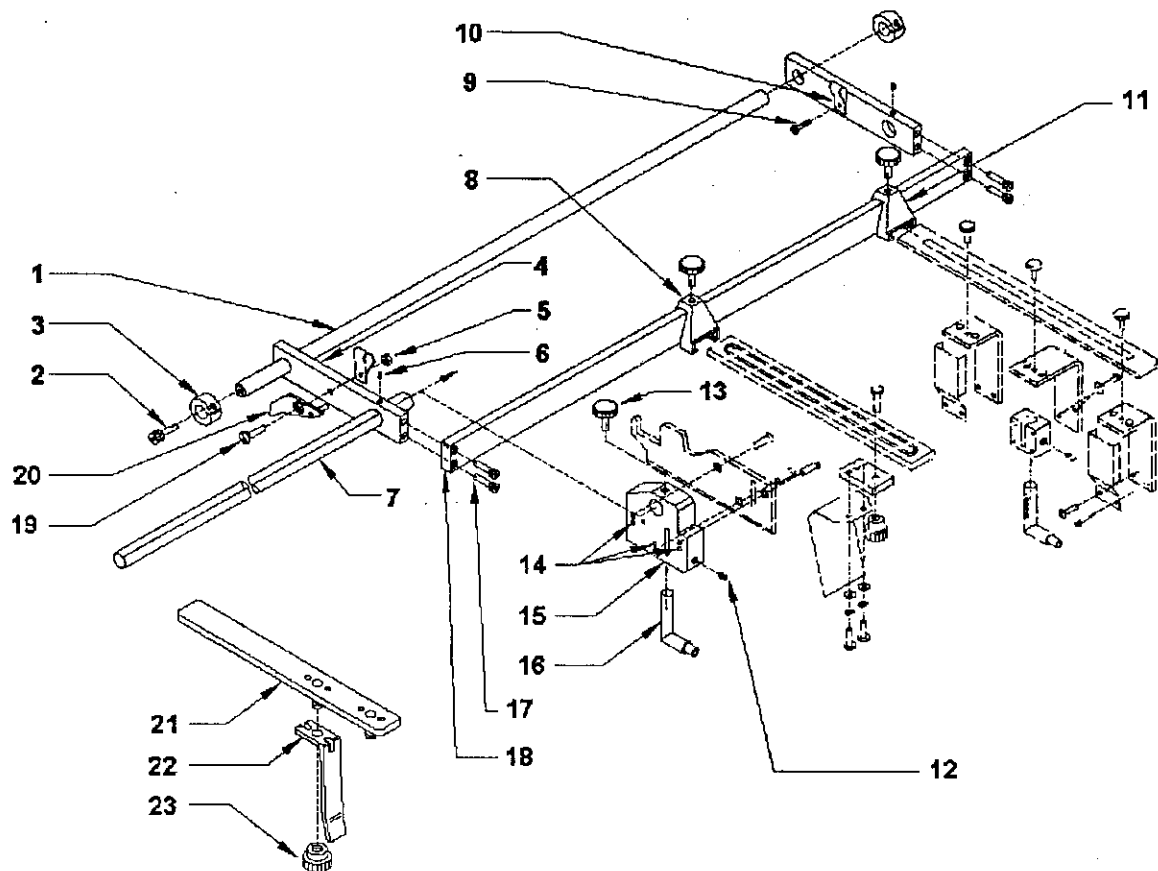


FEEDER SECTION

FEEDER CONVEYOR ASSEMBLY -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178746	PLATE -- nut	2
2	172244	BASE -- conveyor	1
3	178765	BRACKET -- pulley adjustment	2
4	172241	ROD -- hold down	1
5	172245	BRACKET -- rod	2
6	000666	WASHER -- lock, .200 i.d., .334 o.d.	4
7	101999	SCREW -- 10-32 x 1/2"	4
8	072292	NUT -- knurled	2
9	015118	WASHER -- friction	2
10	016572	WASHER -- .255 i.d., .875 o.d.	2
11	172619	PLATE	1
12	172242	RETAINER -- bearing, os	1
13	178742	HOUSING -- bearing	2
14	197145	WASHER -- wave, spring	2
15	080312	BEARING	2
16	178761	PULLEY -- crown	2
17	178737	PULLEY -- crown	3
18	197410	SPACER -- pulley	2
19	178767	HANDLE -- pulley adjustment	1
20	178766	HANDLE -- pulley adjustment	1
21	014170	CARRIAGE BOLT	2
22	178763	CARRIAGE BOLT	2
23	150083	NUT -- lock, 10-32	4
24	178738	SHAFT -- conveyor drive	1
25	150085	NUT -- 1/4-28	
26	172243	RETAINER -- bearing, nos	1
27	021861	WASHER -- .196 i.d., .437 o.d.	2
28	000666	WASHER -- lock, .200 i.d., .334 o.d.	2
29	101999	SCREW -- 10-32 x 1/2"	2
30	172239	BRACKET -- conveyor support	2
31	100653	SCREW -- 1/4-28 x 3/4"	8
32	178764	RAIL -- top plate	2

FEEDER SECTION

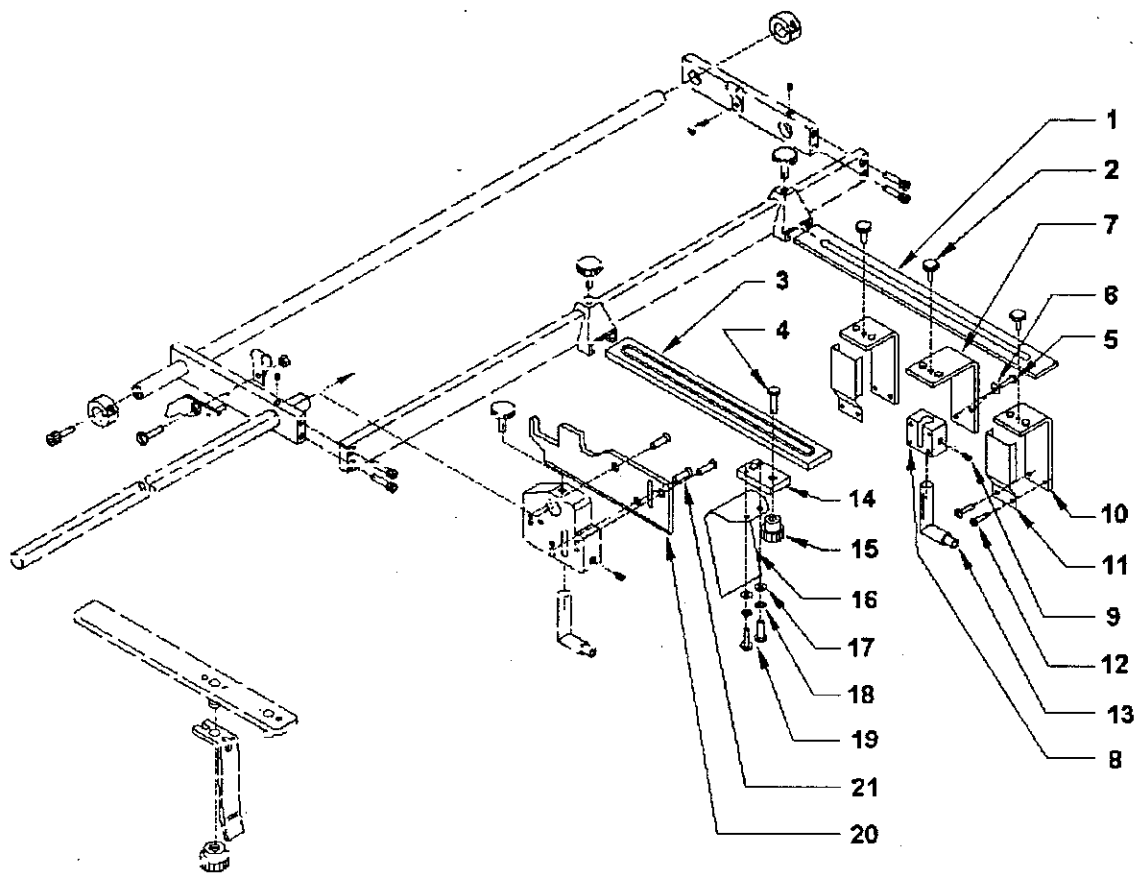


FEEDER SECTION

PAPER FEED GUIDES -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178634	SHAFT -- pivot	1
2	014165	SCREW -- 1/4-28 x 1"	1
3	196891	CLAMP -- collar	2
4	178627	BAR -- pivot, stack guide	2
5	001833	NUT -- 1/4-20	1
6	014390	SCREW -- set, 1/4-28 x 1/4"	2
7	178629	SHAFT -- side adjustment support	1
8	180842	BRACKET -- clamp	1
9	100625	SCREW -- 1/4-28 x 1/2"	1
10	252094	CLAMP -- cable	2
11	073385	BRACKET -- clamp	1
12	178341	SPRING -- plunger	2
13	073394	SCREW -- knurled	3
14	100890	SCREW -- set	1
15	172900	BLOCK -- plate support	1
16	180673	BLOWER -- rear, os	1
17	100459	SCREW -- 10-32 x 1/2"	4
18	178628	BAR -- pivot, stack guide	1
19	173106	SCREW -- special	1
20	173104	LATCH ASSEMBLY	1
21	007689	GUIDE ASSEMBLY -- back	1
22	073467	BRACKET -- back guide	1
23	072292	NUT -- knurled	1

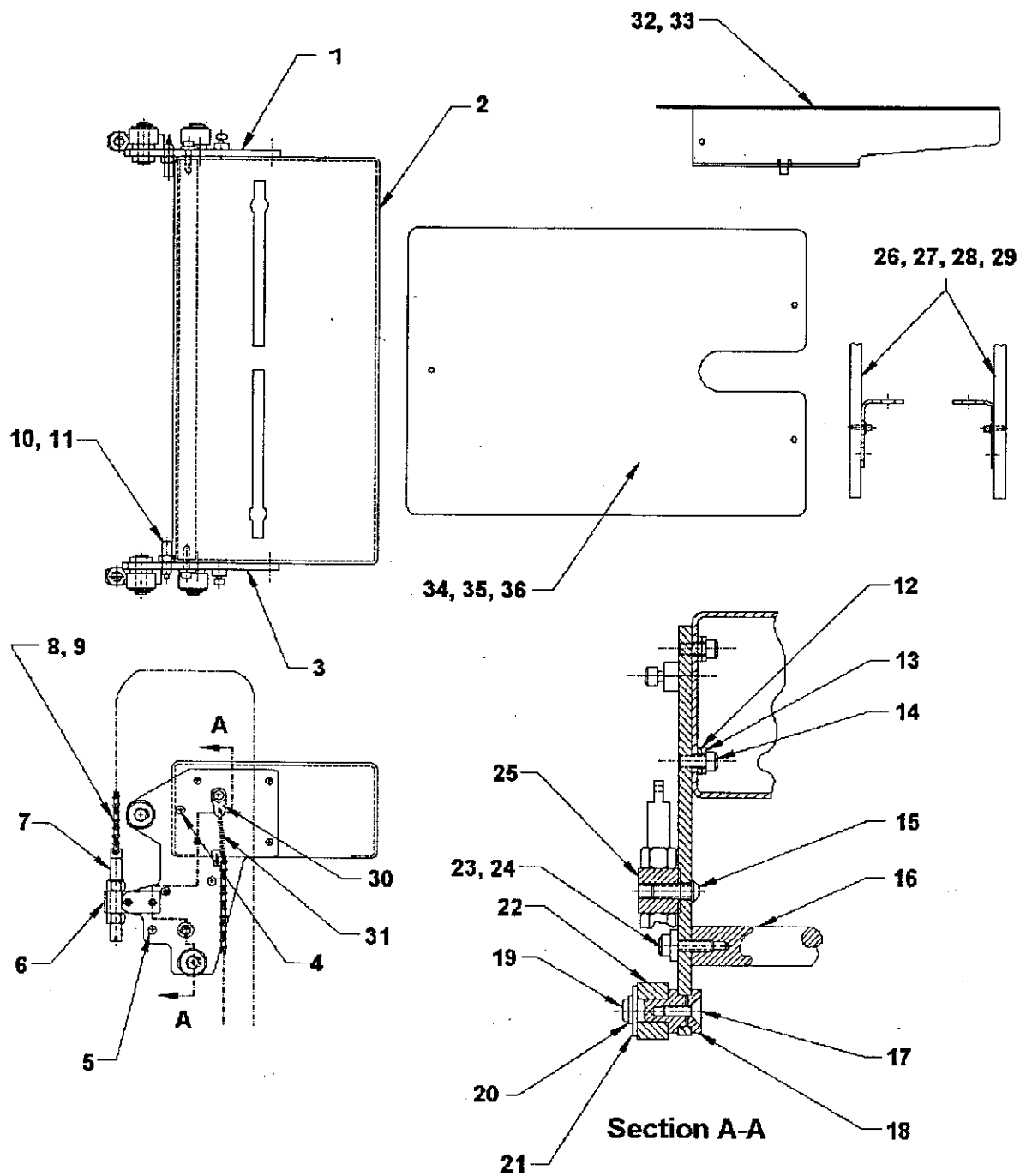
FEEDER SECTION



PAPER FEED GUIDES -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180678	MOUNT -- spring guide	1
2	180653	SCREW -- knurled	3
3	180831	MOUNT -- spring guide	1
4	180832	SCREW -- spring guide, 1/4-28 x 3/8"	1
5	001284	SCREW -- 6-32 x 3/8"	2
6	190345	WASHER -- .170 i.d., .293 o.d.	2
7	180675	BRACKET -- rear blower	1
8	180674	HOLDER -- rear blower	1
9	178341	SPRING -- plunger	1
10	180676	HOLDER -- spring	2
11	180677	GUIDE -- spring	2
12	001693	SCREW -- 8-32 x 1/4"	4
13	180672	BLOWER -- rear, nos	1
14	180830	HOLDER -- spring	1
15	084283	KNOB	1
16	172329	GUIDE -- spring	1
17	001744	WASHER -- 11/64 i.d., 9/32 o.d.	2
18	190345	WASHER -- .170 i.d., .293 o.d.	2
19	001290	SCREW -- 8-32 x 1/4"	2
20	173507	PLATE -- guide	1
21	101612	SCREW -- 1/4-28 x 7/16"	3

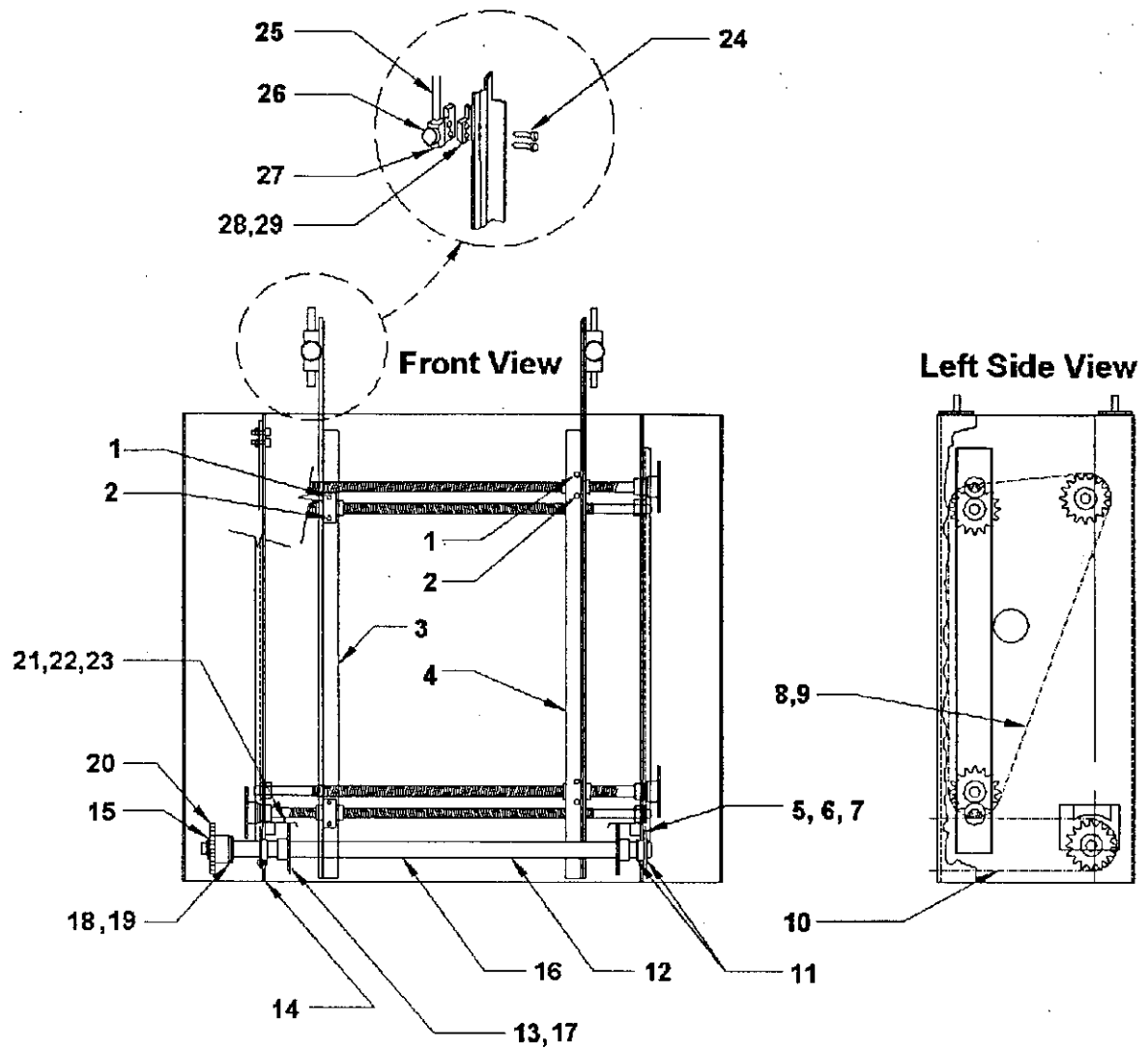
FEEDER SECTION



FEED TABLE ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180628	PLATE ASSEMBLY -- nos	1
2	180598	TABLE FEED	1
3	180627	PLATE ASSEMBLY -- os	1
4	180609	SLEEVE	4
5	100653	SCREW -- cap, 1/4-28 x 3/4"	4
6	001842	NUT -- 3/8-16	4
7	180611	CONNECTOR -- chain	2
8	180708	CHAIN ASSEMBLY -- nos	1
9	180604	CHAIN ASSEMBLY -- os	1
10	003578	NUT -- hex, 1/4-20	2
11	197221	SPRING PLUNGER	2
12	014788	WASHER -- .260 i.d., .625 o.d.	8
13	191797	WASHER -- .265 i.d., .625 o.d.	8
14	014162	SCREW -- 1/4-28 x 1/2"	8
15	101086	SCREW -- cap, 1/4-28 x 3/4"	4
16	180624	BAR -- feed table cross	1
17	100622	SCREW -- 1/4-28 x 5/8"	4
18	180607	RETAINER	4
19	180606	STUD -- table truck	4
20	014511	"E" RING	4
21	014688	WASHER -- .507 i.d., 1.000 o.d.	4
22	197222	BEARING NEEDLE	4
23	014788	WASHER -- .265 i.d., .625 o.d.	2
24	101626	SCREW -- 1/4-28 x 5/8"	2
25	180615	BRACKET -- chain connector	2
26	173197	BRACKET -- conveyor	2
27	001731	WASHER -- lock, .250 i.d., .485 o.d.	4
28	101626	SCREW -- 1/4-28 x 5/8"	4
29	191384	WASHER -- .260 i.d., .750 o.d.	4
30	072036	CONNECTOR -- table	2
31	192151	SPRING	2
32	173663	SUPPORT ARM -- nos	1
33	173662	SUPPORT ARM -- os	1
34	094449	PAPER SUPPORT BOARD -- 8 1/2" x 11"	1
35	094428	PAPER SUPPORT BOARD -- 11" x 17"	1
36	180849	PAPER SUPPORT BOARD -- 13 1/2" x 17"	1

FEEDER SECTION

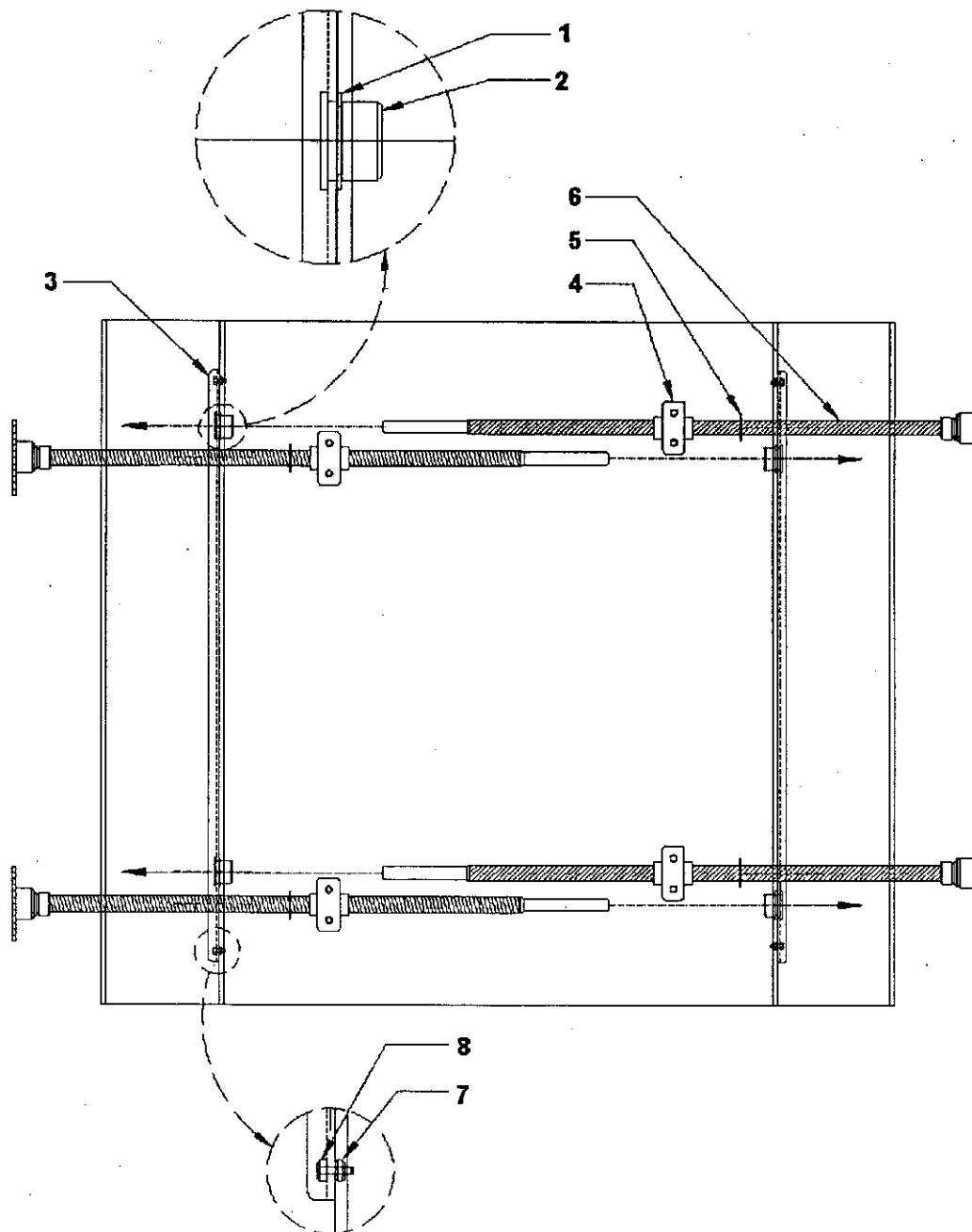


FEEDER SECTION

PAPER GUIDE RAILS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	016327	SCREW -- 10-32 x 9/32"	4
2	016060	SCREW -- 10-32 x 3/8"	4
3	173511	GUIDE ASSEMBLY -- nos	1
4	173509	GUIDE ASSEMBLY -- os	1
5	072599	BRACKET -- bearing, os, nos	2
6	111054	SCREW -- 10-32 x 1/2," os, nos	6
7	014248	NUT -- lock, 10-32, os, nos	6
8	072024	CHAIN ASSEMBLY -- os	1
9	072037	CHAIN DELIVERY TABLE ADJUSTMENT -- nos	1
10	173442	CHAIN -- to table raise motor	1
11	001093	RETAINING RING	2
12	173438	SHAFT ASSEMBLY	1
13	072041	SPROCKET ASSEMBLY	2
14	072599	BRACKET -- bearing	1
15	173436	INNER RING I.D.	1
16	173439	SHAFT -- table raise/lower	1
17	001936	PIN -- taper	2
18	196997	WASHER -- thrust	1
19	001073	RETAINING RING	1
20	173434	SPROCKET CLUTCH ASSEMBLY	1
21	180463	GUARD LOWER SPROCKET	2
22	100345	SCREW -- 10-32 x .312"	4
23	001812	NUT -- hex, 10-32	4
24	112652	SCREW -- 8-32 x 9/16"	4
25	180670	BLOWER -- front	2
26	180653	SCREW -- knurled	2
27	180671	HOLDER -- front blower	2
28	173514	SPACER FINGER -- os	1
29	173515	SPACER FINGER -- nos	1

FEEDER SECTION

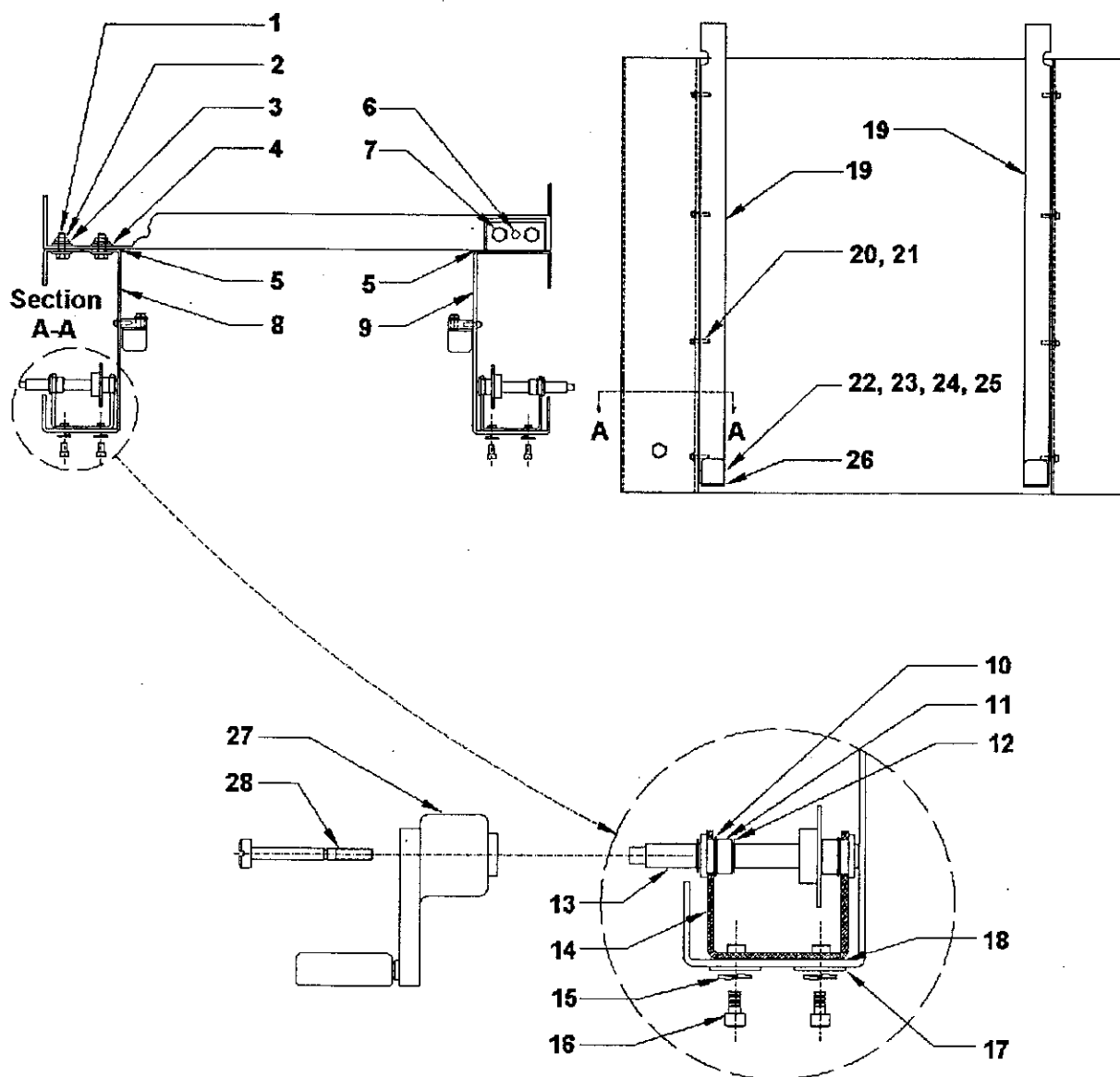


FEEDER SECTION

FEEDER SIDE GUIDE SPROCKETS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	100119	WASHER -- bowed	4
2	072064	BUSHING	4
3	180548	BRACKET -- guide screw	2
4	084473	GUIDE NUT ASSEMBLY	4
5	100119	WASHER -- bowed	4
6	007533	GUIDE SCREW ASSEMBLY	4
7	150087	NUT -- flange, 5/16-24	4
8	111089	SCREW -- 5/16-24 x 5/8"	4

FEEDER SECTION



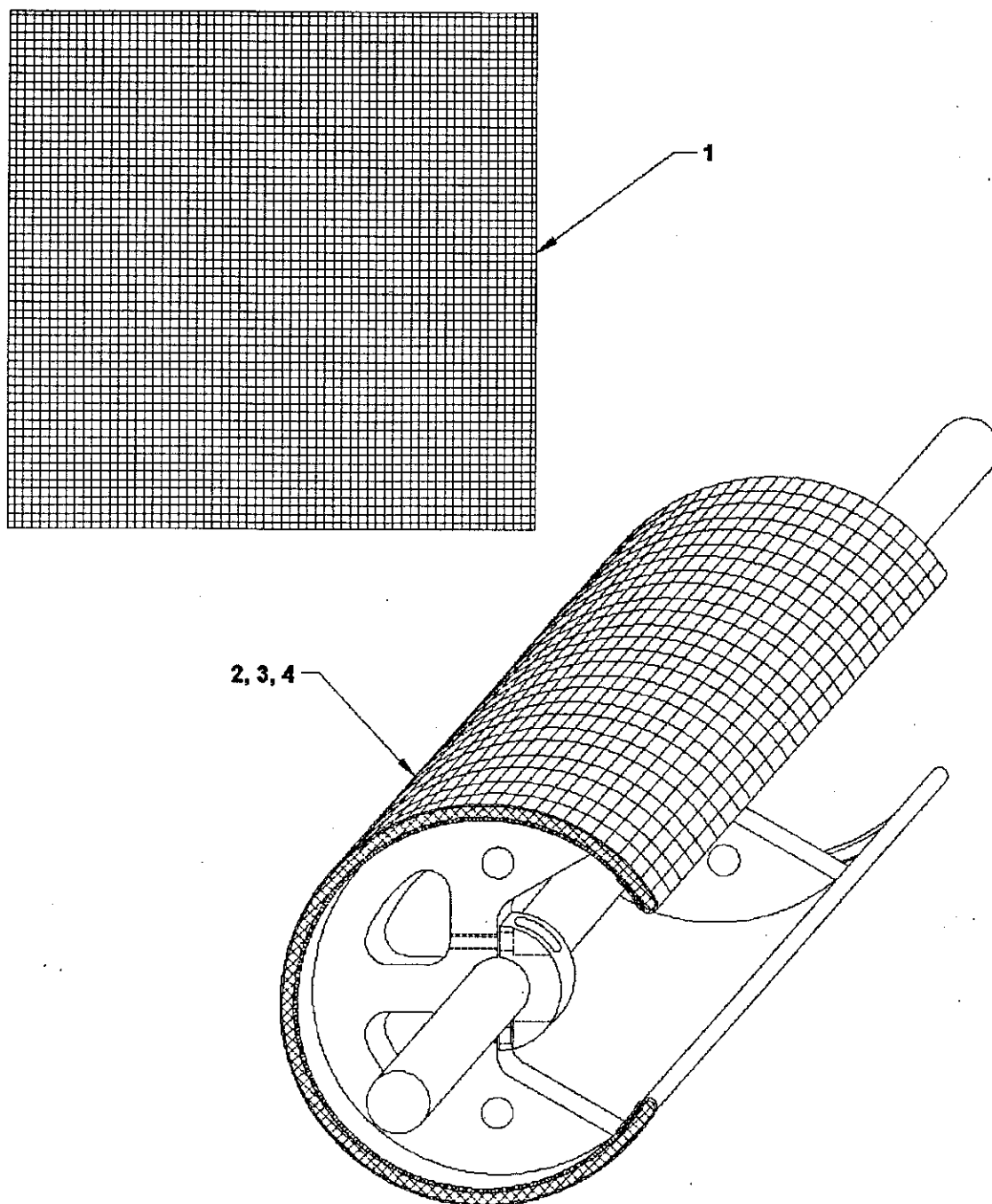
FEEDER SECTION

PAPER GUIDE RAIL CRANKS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	111092	SCREW -- 5/16-24 x 1"	4
2	150087	NUT -- flange, 5/16-24	4
3	001710	WASHER -- lock, .328 i.d., .570 o.d.	4
4	195234	WASHER -- .324 i.d., .562 o.d.	8
5	173303	SPACER	8
6	197009	PIN -- dowel	2
7	111099	SCREW -- 3/8-24 x 7/8"	4
8	172262	FEEDER BASE	1
9	172263	FEEDER BASE	1
10	001064	RETAINING RING	4
11	196397	BUSHING	4
12	001094	RETAINING RING	4
13	172804	SHAFT -- paper guide adjustment	2
14	172802	BRACKET -- shaft adjustment	2
15	001731	WASHER -- lock, .263 i.d., .485 o.d.	4
16	100653	SCREW -- cap, 1/4-28 x 3/4"	4
17	191384	WASHER -- .260 i.d., .760 o.d.	4
18	173397	SPACER	2
19	172356	GUIDE FEED TABLE	2
20	190129	SCREW -- 5/16-18 x 1"	8
21	001710	WASHER -- lock, .328 i.d., .570 o.d.	8
22	100653	SCREW -- cap, 1/4-28 x 3/4"	4
23	001731	WASHER -- lock, .263 i.d., .485 o.d.	4
24	005071	WASHER -- .253 i.d., .500 o.d.	4
25	172621	STOP TABLE -- nos	1
26	172620	STOP TABLE -- os	1
27	017595	CRANK ARM ASSEMBLY	2
28	197194	SCREW -- special	2

Chain Delivery

CHAIN DELIVERY



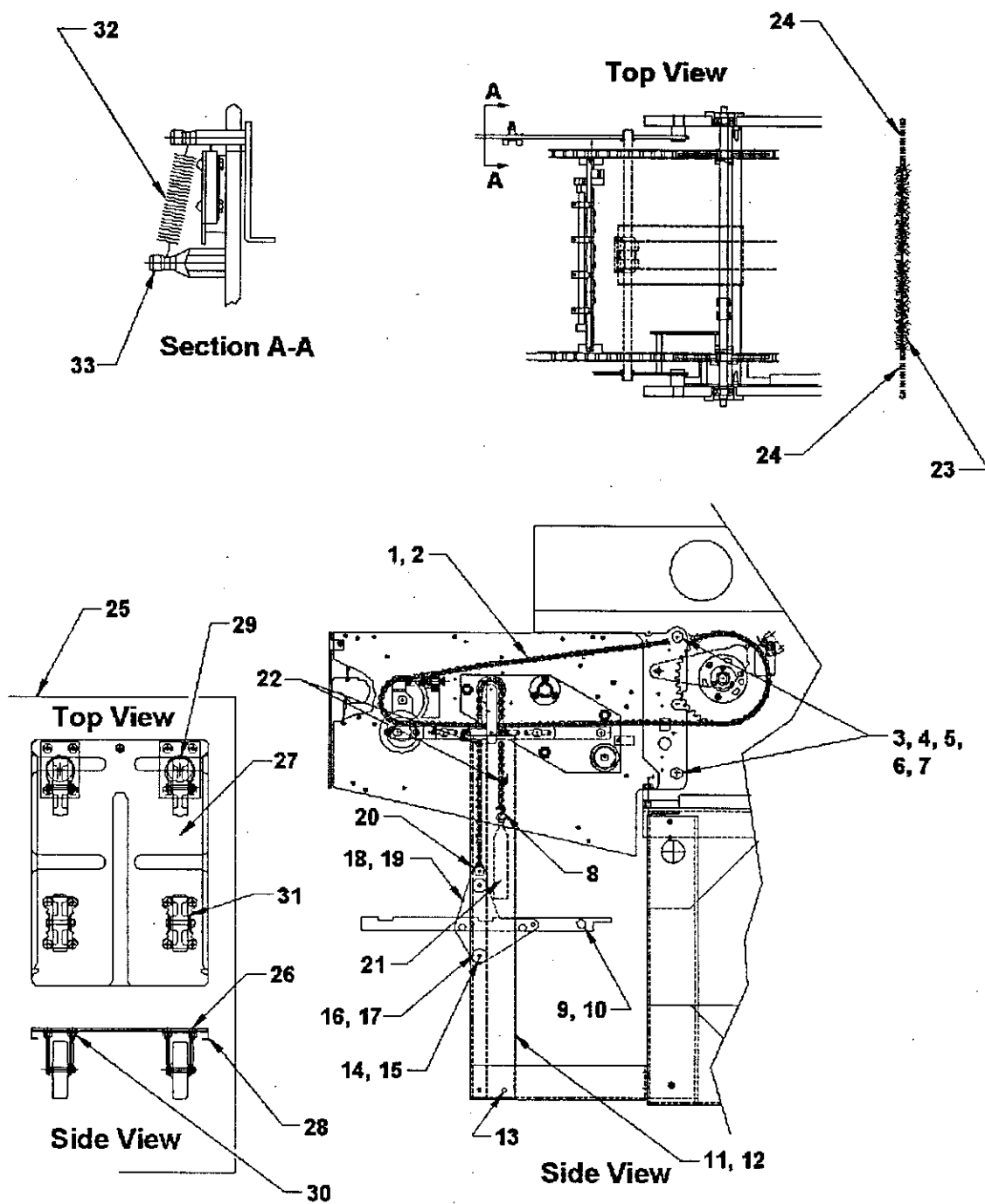
CHAIN DELIVERY

SUPER BLUE

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173529*	NET -- Super Blue, 23" x 23"	6
2	172773*	WASHER -- lock, 1/4"	4
		SHCS -- 1/4-20 x .75" lg.	4
		CYLINDER -- anti-tracking c.d.	1
		CLAMP -- 1" shaft	2
3	173530*	NET -- Super Blue, 23" x 23"	6
		WEATHERSTRIPPING -- 1/8" x 1/32" x 3'	1
		VELCRO -- male, 5/8" x 16"	2
		VELCRO -- male, 5/8" x 16"	2
		VELCRO -- female, 5/8" x 12"	2
4	173525*	NET -- Super Blue, 23" x 23"	3
		WEATHERSTRIPPING -- 1/8" x 1/32" x 3'	1
		MANUAL -- instructions	1

* Sold in kits only.

CHAIN DELIVERY



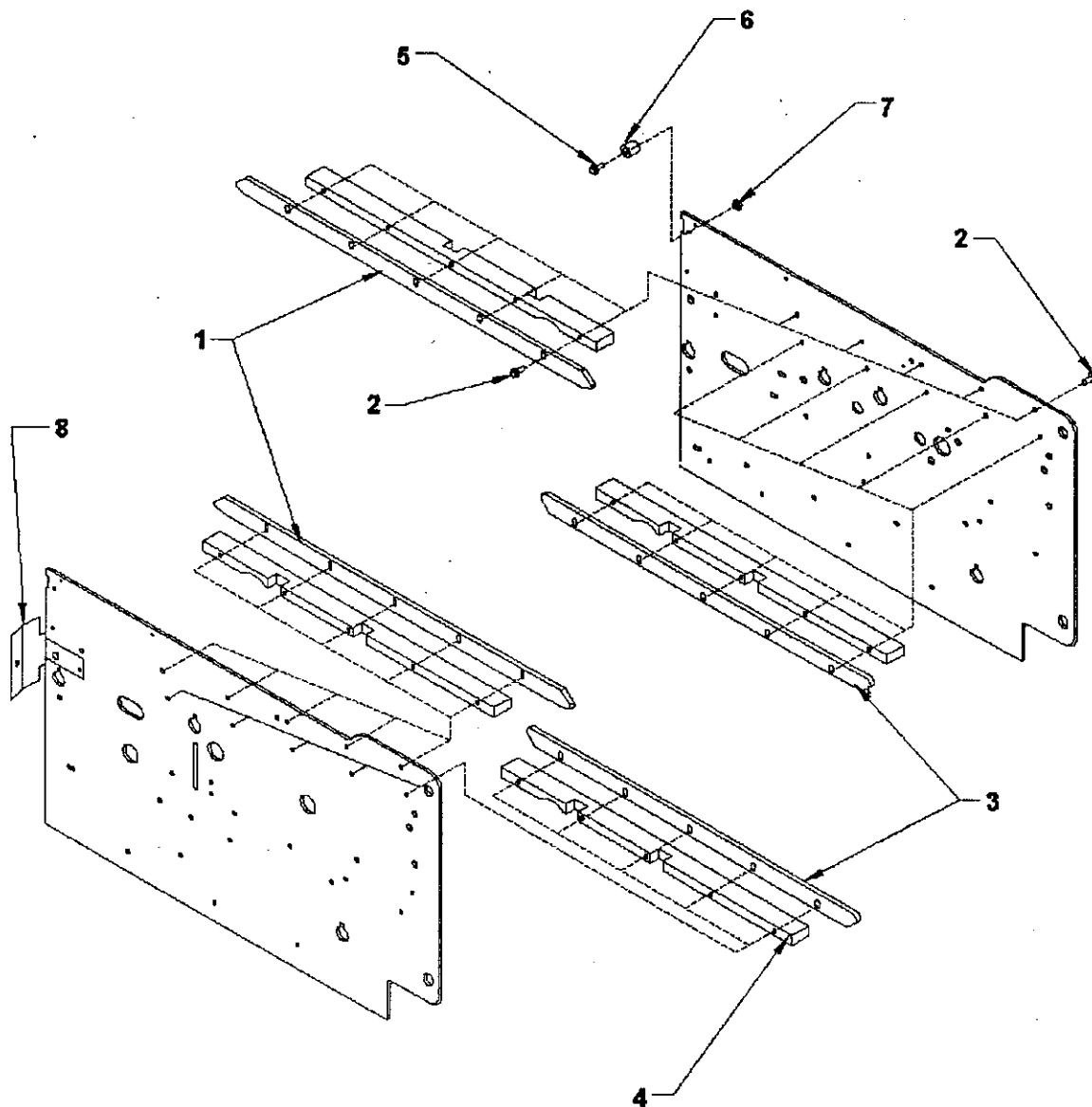
CHAIN DELIVERY

TABLE DESCENT

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172771	CHAIN DELIVERY GRIPPER BAR -- os	1
2	172772	CHAIN DELIVERY GRIPPER BAR -- nos	1
3	172298	SPACER	4
4	102219	SCREW -- dowel, 3/8-24	4
5	001771	WASHER -- .375 i.d., .875 o.d.	4
6	001763	WASHER -- lock, .385 i.d., .675 o.d.	4
7	001845	NUT -- 3/8-24	4
8	194835	"S" HOOK	2
9	016405	TIE BAR	1
10	111073	SCREW -- 1/4-28 x 5/8"	2
11	172304	CARRIER GUIDE ASSEMBLY -- nos	1
12	172303	CARRIER GUIDE ASSEMBLY -- os	1
13	101943	NUT -- acorn, 1/4-20	4
14	172649	STUD -- eccentric	2
15	150084	NUT -- 1/4-20	2
16	196390	ROLLER CAR	4
17	001060	RETAINING RING	4
18	172287	CARRIER AND RAIL ASSEMBLY -- os	1
19	172286	CARRIER AND RAIL ASSEMBLY -- nos	1
20	001060	RETAINING RING	2
21	016399	WEIGHT ASSEMBLY	2
22	100871	NUT -- 1/4-20	4
23	016449	TINSEL ASSEMBLY	1
24	050621	SPRING	2
25	016389	DOLLY ASSEMBLY	1
26	197185	SCREW -- 5/16-24 x 3/4"	16
27	400900	TOP DOLLY	1
28	400901	BASE DOLLY	1
29	081516	CASTER -- swivel	2
30	014809	NUT -- 5/16-24	16
31	081515	CASTER -- rigid	2
32	064673	SPRING	1
33	196768	SPRING -- stud	1

181332 c/o Chain Kit

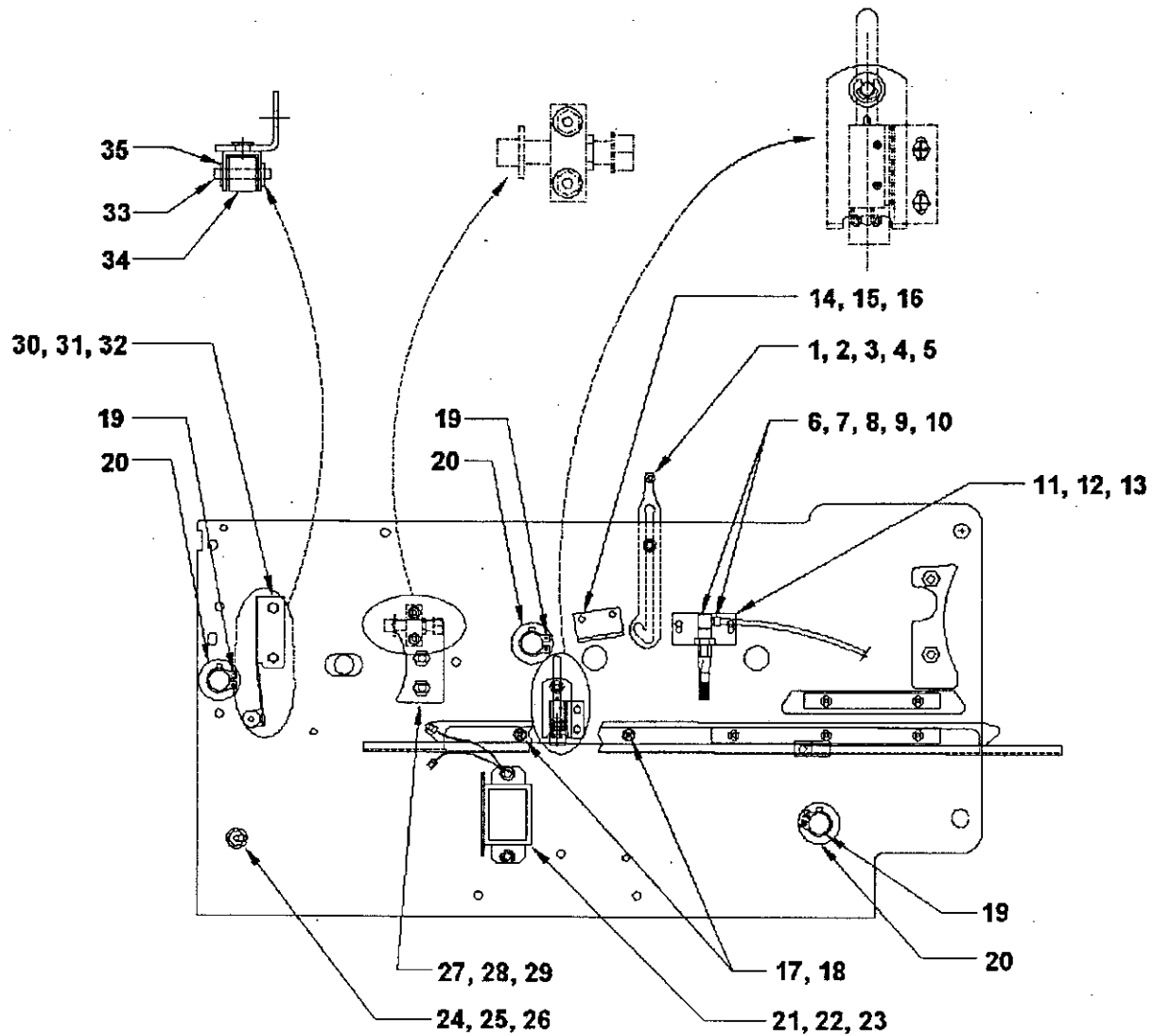
CHAIN DELIVERY



TRACK ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172640	TRACK -- top/bottom	2
2	111055	SCREW -- hex washer head, 10-32 x 9/16"	40
3	172641	TRACK -- top/bottom	2
4	172637	SUPPORT -- upper track, c.d.	4
5	101193	SCREW -- cap, 8-32 x 5/8"	2
6	196988	BUMPER	2
7	150081	NUT -- lock, 8-32	2
8	173248	BRACKET ASSEMBLY	1

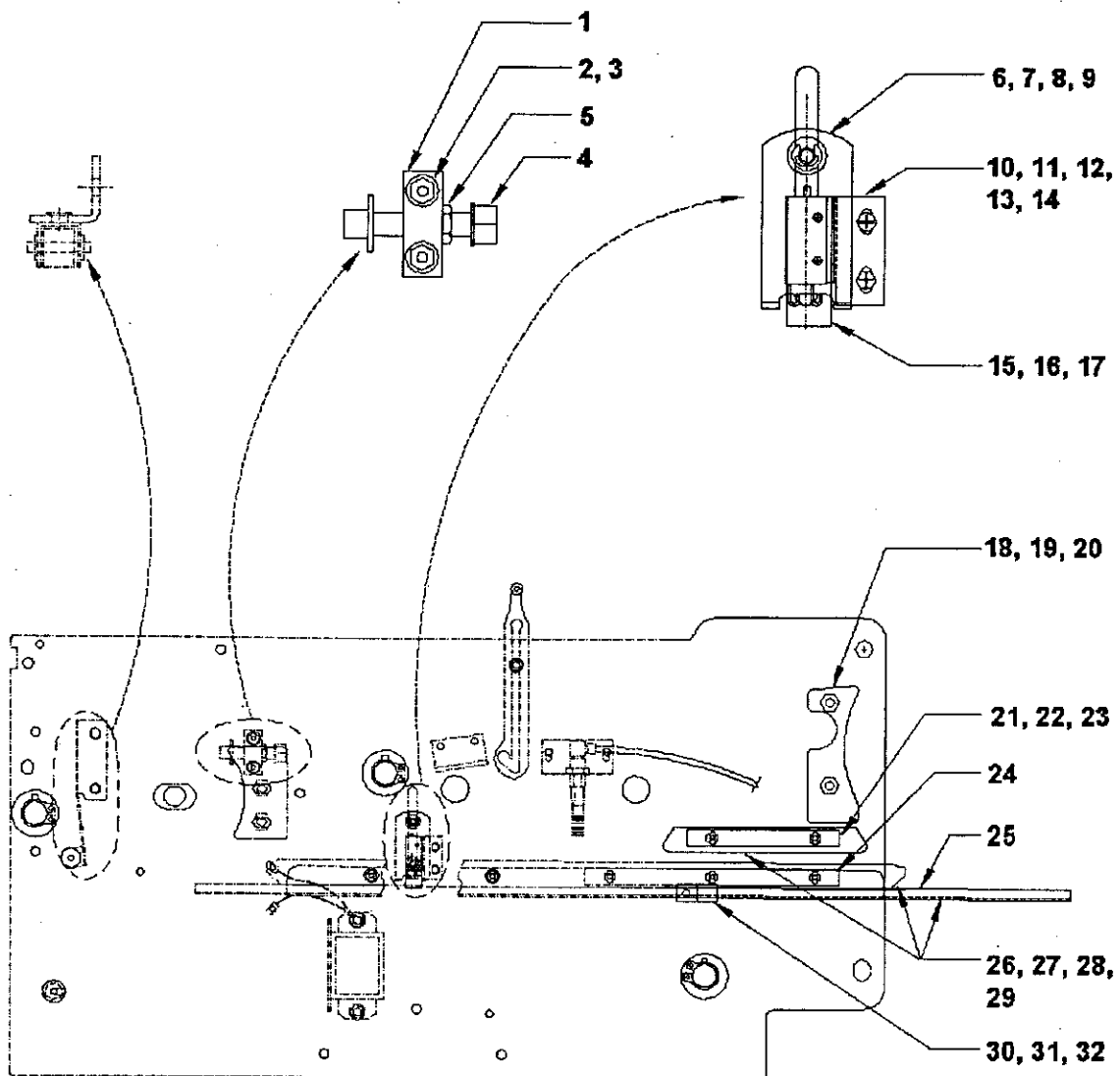
CHAIN DELIVERY



CHAIN DELIVERY (NOS FRAME) -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	150083	NUT -- lock, 10-32	1
2	074399	BEARING	1
3	172809	STRUT ASSEMBLY	1
4	172811	SCREW -- shoulder	1
5	191797	WASHER -- .265 i.d., .625 o.d.	1
6	180492	NUT -- compression, 5/32	1
7	180497	SLEEVE -- compression, 5/32	1
8	173172	METER UNIT -- FSA-0	1
9	180502	BRUSH ASSEMBLY	1
10	180498	CONNECTOR -- 90 degree, elbow	1
11	179928	BRACKET -- angle	1
12	150083	NUT -- lock, 10-32	2
13	111055	SCREW -- hex washer head, 10-32 x 5/8"	2
14	172293	BRACKET -- mounting light, c.d.	1
15	111055	SCREW -- hex washer head, 10-32 x 5/8"	2
16	150083	NUT -- lock, 10-32	2
17	083745	POST -- plastic	2
18	111055	SCREW -- hex washer head, 10-32 x 5/8"	2
19	101938	RING -- bowed	3
20	196397	BUSHING	3
21	172310	BALLAST TRANSFORMER ASSEMBLY	1
22	111055	SCREW -- hex washer head, 10-32 x 5/8"	2
23	150083	NUT -- lock, 10-32	2
24	196454	SPACER	1
25	111060	SCREW -- 10-32 x 1 1/8"	1
26	150083	NUT -- lock, 10-32	1
27	172306	GUARD -- chain	1
28	017622	STAND OFF	2
29	111069	SCREW -- hex, washer, 1/4-28 x 3/8"	2
30	016545	SPRING ARM ASSEMBLY	1
31	111055	SCREW -- hex washer head, 10-32 x 5/8"	2
32	150083	NUT -- lock, 10-32	1
33	196450	SHAFT	1
34	196449	SPACER	1
35	014514	"E" RING	2

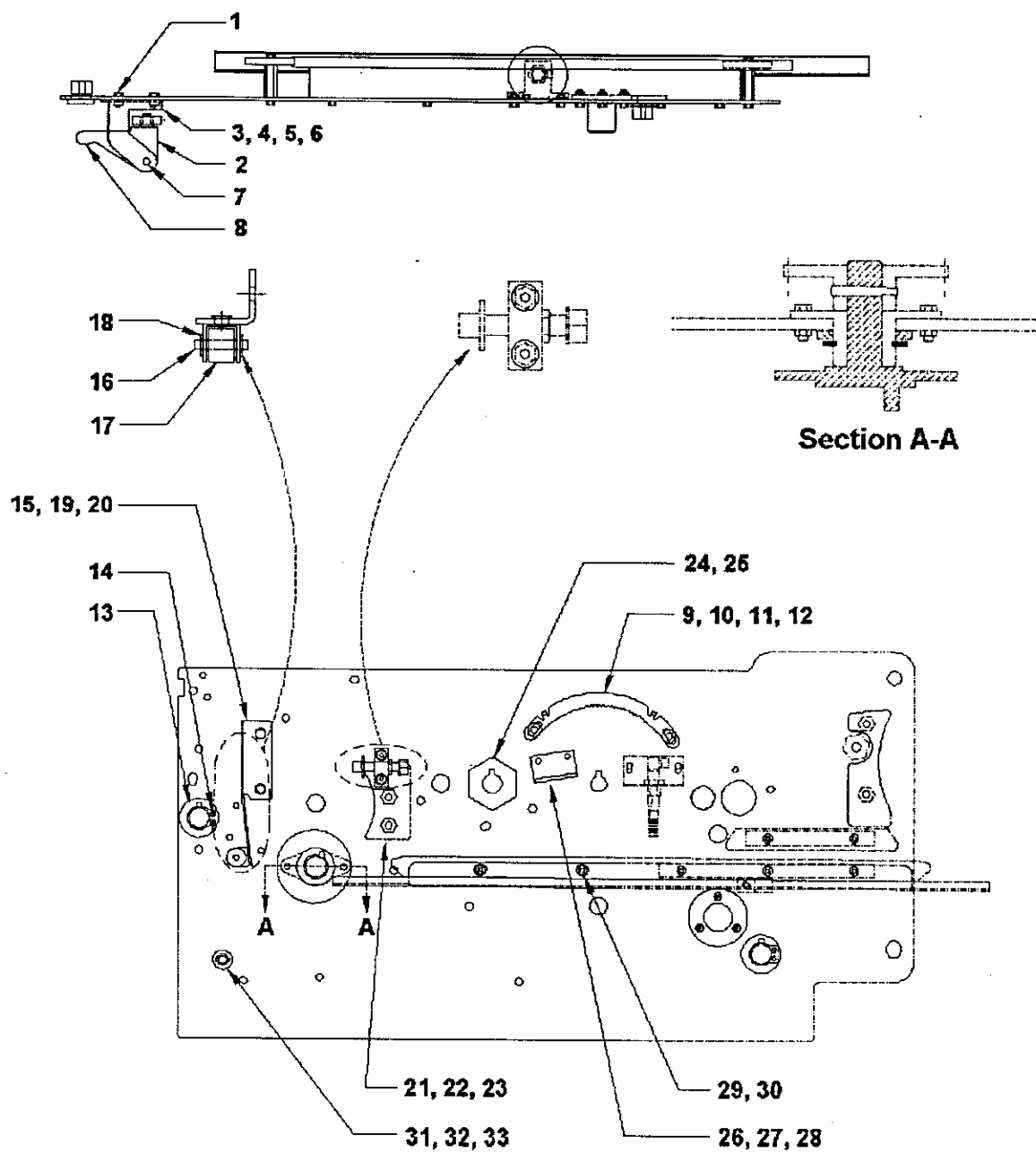
CHAIN DELIVERY



CHAIN DELIVERY (NOS FRAME) -- PART 2

FIGURE	PART NUMBER	DESCRIPTION	UNITS PER ASSEMBLY
1	081527	CHAIN TENSION	1
2	150083	NUT -- lock, 10-32	2
3	001260	SCREW -- 10-32 x 1 1/4"	2
4	081528	SCREW -- adjustment, special	1
5	001840	NUT -- 5/16-18	1
6	023044	ACTIVATOR ASSEMBLY	1
7	021203	WASHER -- .254 i.d., .500 o.d.	2
8	006675	WASHER -- .253 i.d., .500 o.d.	2
9	001060	RETAINING RING	2
10	087756	PLATE	1
11	001220	SCREW -- 10-32 x 3/8"	2
12	006675	CHANNEL -- washer	2
13	022621	WASHER -- .197 i.d., .500 o.d.	2
14	172893	CHAIN DELIVERY FULL SWITCH ASSEMBLY	1
15	196330	SHIELD -- terminal	1
16	110002	SCREW -- 2-56 x 5/16"	2
17	100137	NUT -- hex, 2-56	2
18	172305	GUARD -- chain	1
19	017622	STAND OFF	2
20	111069	SCREW -- 1/4-28 x 3/8"	2
21	172649	STUD ECCENTRIC CARRIER	1
22	172639	SUPPORT -- lower track	1
23	111055	SCREW -- 10-32 x 5/8"	2
24	172638	SUPPORT -- lower track	1
25	111055	SCREW -- 10-32 x 5/8"	3
26	173624	TRACK -- top/bottom	1
27	173625	TRACK -- top/bottom	1
28	172309	GUTTER ASSEMBLY	1
29	111055	SCREW -- 10-32 x 5/8"	7
30	081107	CLIP -- spring	1
31	150083	NUT -- lock, 10-32	1
32	111055	SCREW -- 10-32 x 5/8"	1

CHAIN DELIVERY

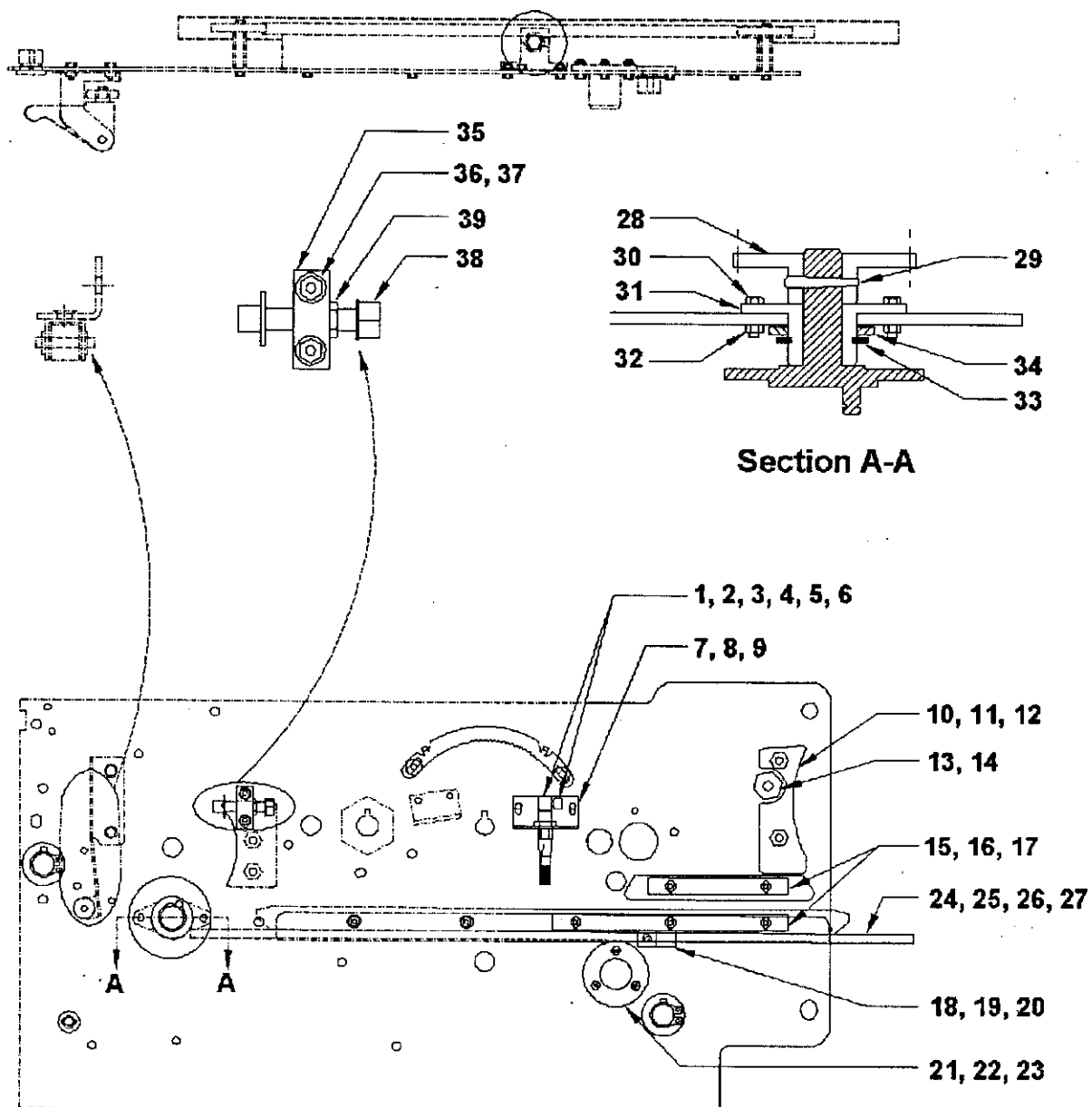


CHAIN DELIVERY

CHAIN DELIVERY (OS FRAME) -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	111052	SCREW	2
2	016456	JOGGER ARM	1
3	016458	PIVOT SUPPORT ASSEMBLY	1
4	001095	RETAINING RING	1
5	001060	RETAINING RING	2
6	016470	JOG ROLL ASSEMBLY	1
7	196453	SHAFT	1
8	016471	LEVER ARM	1
9	081604	CONTROL RATCHET	1
10	196403	SPACER	2
11	111058	SCREW	2
12	150083	NUT -- lock, 10-32	2
13	196397	BUSHING	2
14	101938	RING -- bowed	2
15	016480	SPRING ARM ASSEMBLY	1
16	196450	SHAFT	1
17	196449	SPACER	1
18	014514	"E" RING	2
19	111055	SCREW -- 10-32 x 5/8"	2
20	150083	NUT -- lock, 10-32	2
21	172306	GUARD -- chain	1
22	017622	STAND OFF	2
23	111069	SCREW -- 1/4-28 x 3/8"	2
24	400644	HUB ASSEMBLY	1
25	197038	NUT	1
26	172293	BRACKET -- mounting light	1
27	111055	SCREW -- 10-32 x 5/8"	2
28	150083	NUT -- 10-32	2
29	083745	POST -- plastic	2
30	111055	SCREW -- 10-32 x 5/8"	2
31	196454	SPACER	1
32	111060	SCREW -- 10-32 x 1 1/8"	1
33	150083	NUT -- lock, 10-32	1

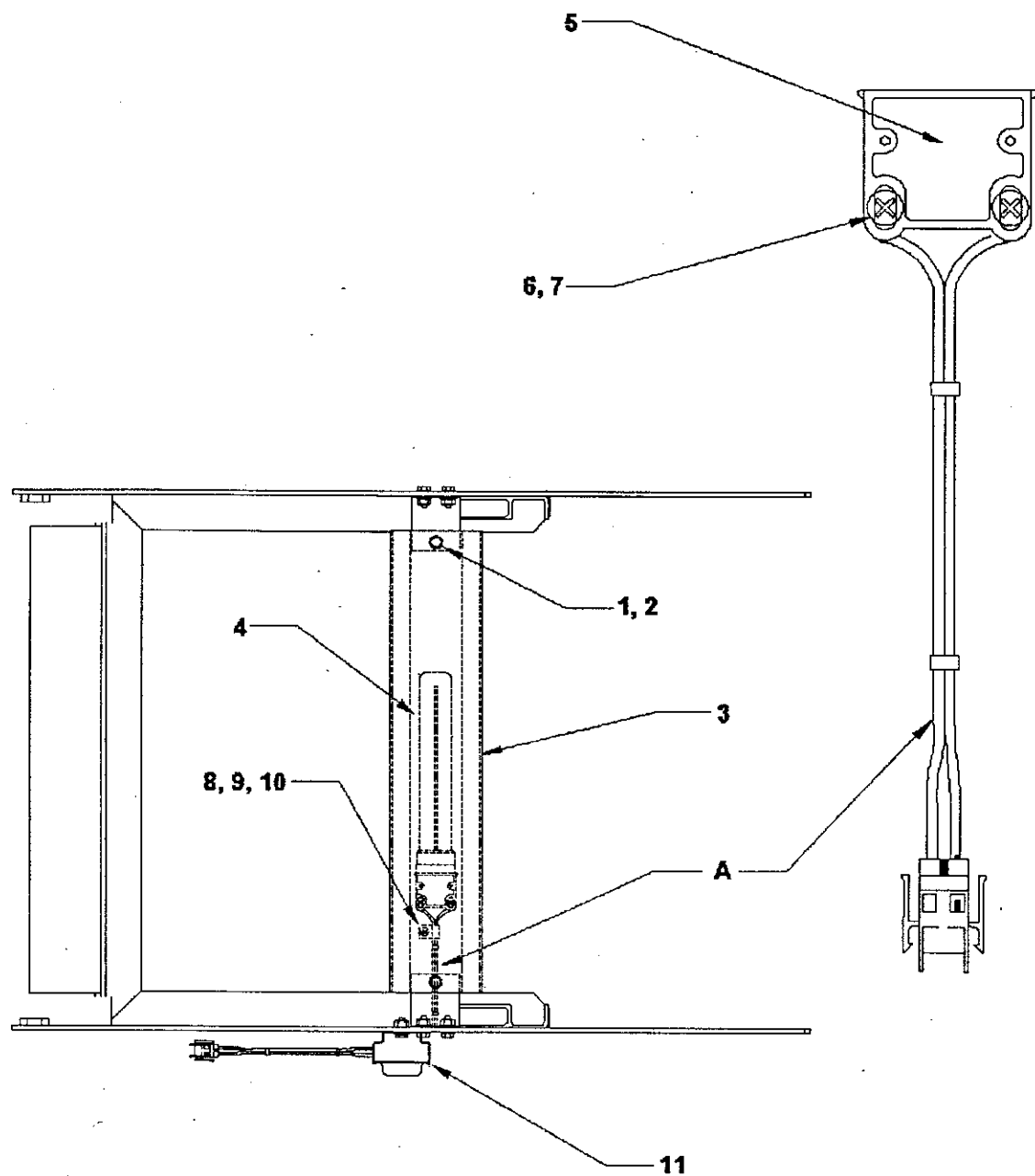
CHAIN DELIVERY



CHAIN DELIVERY (OS FRAME) -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180498	CONNECTOR -- 90 degree elbow	1
2	173172	METER UNIT -- FSA-8	1
3	180497	SLEEVE -- compression, 5/32	1
4	180492	NUT -- compression, 5/32	1
5	180502	BRUSH ASSEMBLY	1
6	178404	TUBING -- natural, .106 i.d., 5/32" o.d., 11 1/2" (sold 18')	1
7	179928	BRACKET ANGLE	1
8	150083	NUT -- lock, 10-32	2
9	111055	SCREW -- 10-32 x 5/8"	2
10	172305	GUARD CHAIN	1
11	017622	STAND OFF	2
12	111069	SCREW -- 1/4-28 x 3/8"	2
13	173683	SPACER	1
14	191786	SCREW -- special	1
15	172639	SUPPORT -- lower track	1
16	172638	SUPPORT -- lower track	1
17	111055	SCREW -- 10-32 x 5/8"	5
18	081107	CLIP -- spring	1
19	150083	NUT -- lock, 10-32	1
20	111055	SCREW -- 10-32 x 5/8"	1
21	016376	BEARING	1
22	111055	SCREW -- 10-32 x 5/8"	3
23	150083	NUT -- lock, 10-32	3
24	173624	TRACK -- top/bottom	1
25	111055	SCREW -- 10-32 x 5/8"	7
26	173625	TRACK -- top/bottom	1
27	172309	GUTTER ASSEMBLY	1
28	016472	CAM -- crank arm	1
29	001956	PIN -- taper	1
30	111055	SCREW -- 10-32 x 5/8"	2
31	016441	BEARING	1
32	150083	NUT -- lock, 10-32	2
33	001076	RETAINING RING	1
34	016398	LEVER	1
35	081527	CHAIN TENSION	1
36	150083	NUT -- lock, 10-32	2
37	001260	SCREW -- 10-32 x 1 1/4"	2
38	081528	SCREW -- adjustment	1
39	001840	NUT -- 5/16-18	1

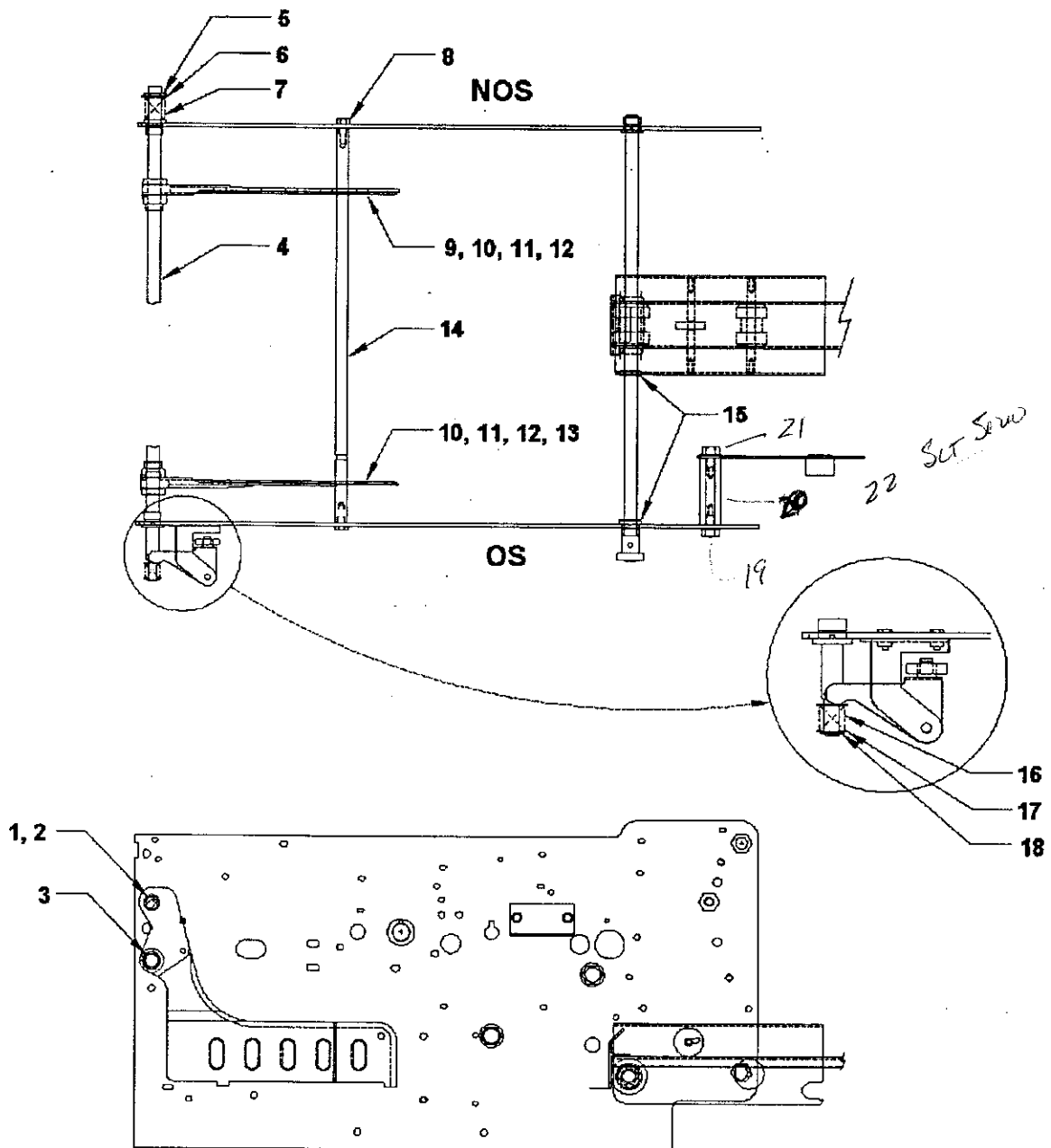
CHAIN DELIVERY



WORK LIGHT RETROFIT KIT

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	111055	SCREW -- 10-32 x 5/8"	1
2	150083	NUT -- lock, 10-32	2
3	172292	DEFLECTOR LIGHT -- chain delivery	1
4	254377	LAMP -- fluorescent	1
5	172632	LAMP SOCKET ASSEMBLY	1
6	101398	SCREW -- 6/32 x 1/2"	2
7	001805	NUT -- hex, 6-32	2
8	250205	CLAMP -- cable	1
9	101398	SCREW -- 6-32 x 1/2"	1
10	001805	NUT -- hex, 6-32	1
11	172310	BALLAST TRANSFORMER ASSEMBLY	1

CHAIN DELIVERY



CHAIN DELIVERY

CHAIN DELIVERY JOGGER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	016466	SHAFT	1
2	081553	SCREW -- dowel	2
3	016452	SHAFT	1
4	016452	SHAFT -- reference only	1
5	001094	RETAINING RING	1
6	014712	WASHER -- .515 i.d., .750 o.d.	1
7	196443	SPRING	1
8	081553	SCREW -- dowel	2
9	172284	SIDE JOGGER -- os	1
10	195401	BUSHING	2
11	101023	RETAINING RING	2
12	401232	KNOB	2
13	172283	SIDE JOGGER -- nos	1
14	172754	TIE BAR -- chain delivery	1
15	100969	"E" RING	1
16	196444	SPRING	1
17	001771	WASHER -- .375 i.d., .875 o.d.	1
18	001080	RETAINING RING	1

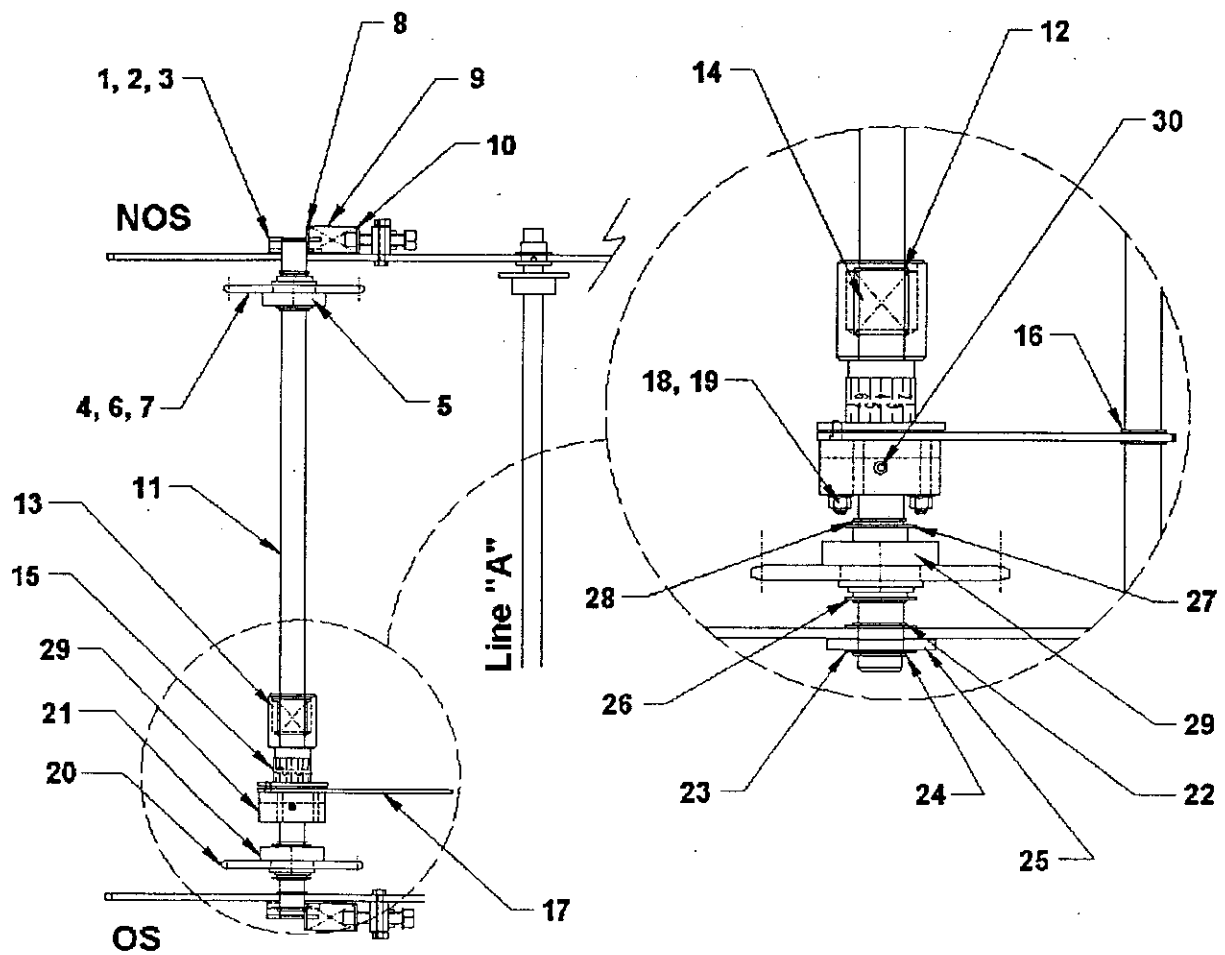
191786

173683

173752

103378

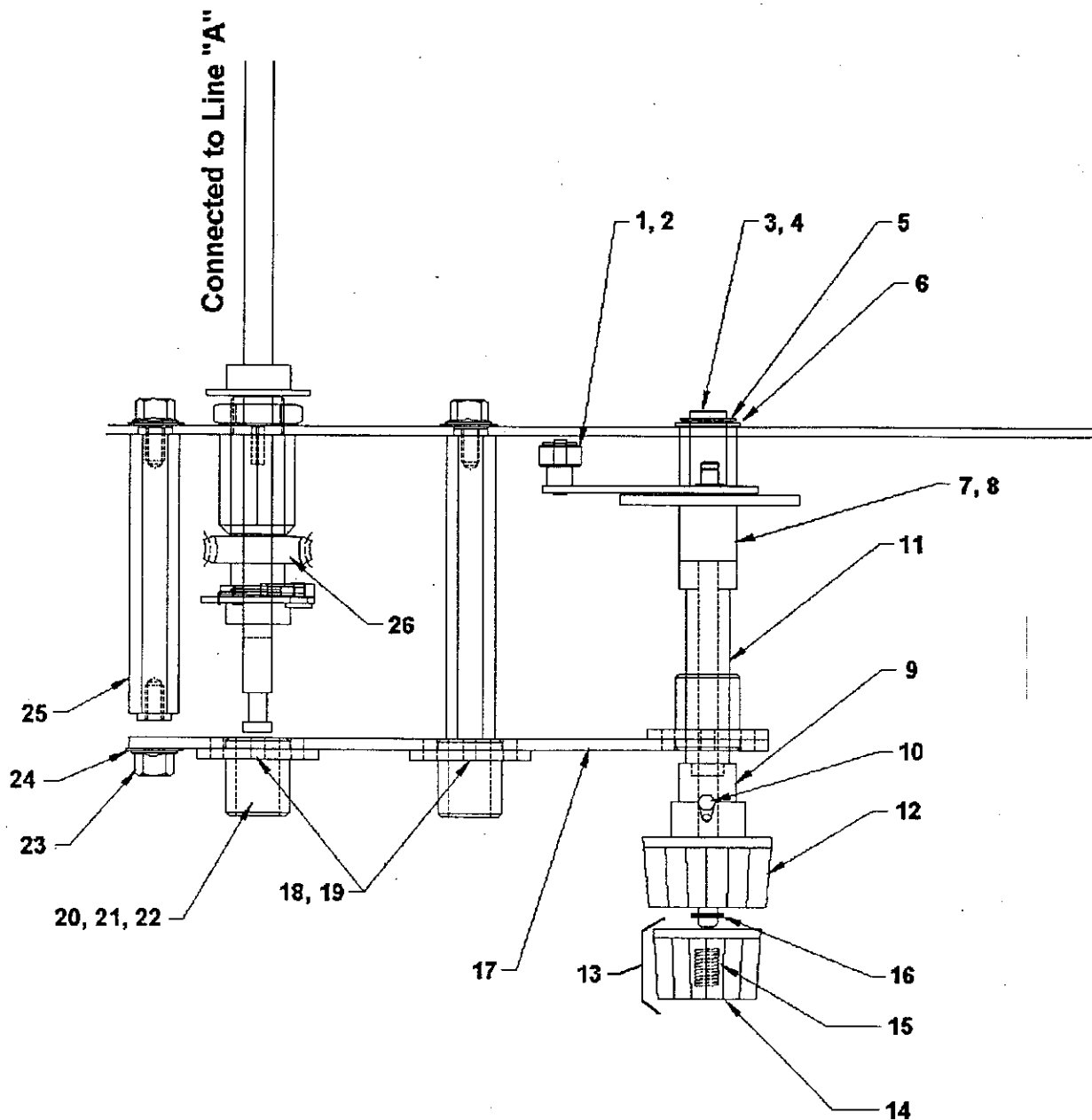
CHAIN DELIVERY



SPROCKET SHAFT ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	016397	LEVER -- tension	1
2	001076	RETAINING RING	1
3	196410	STUD -- pivot	1
4	172767	SPROCKET ASSEMBLY -- nos	1
5	195236	BEARING	1
6	001784	RING -- snap	1
7	172769	WASHER -- special	1
8	190157	SPACER	2
9	081836	SPRING	2
10	081623	RETAINER -- spring	2
11	172762	SHAFT -- idler	1
12	001784	RING -- snap	1
13	173334	RELEASE CAM ASSEMBLY	1
14	190220	SPRING	1
15	197422	WASHER -- .636 i.d., .862 o.d.	1
16	001094	RETAINING RING	2
17	172647	ARM -- roller guide	1
18	100716	NUT -- lock	2
19	102261	SCREW -- 6-32 x 7/8"	2
20	172766	SPROCKET ASSEMBLY	1
21	195236	BEARING	1
22	014761	WASHER -- .628 i.d., 1.000 o.d.	1
23	014761	WASHER -- .628 i.d., 1.000 o.d.	1
24	001784	RING -- snap	1
25	016398	LEVER -- tension	1
26	172769	WASHER -- special	1
27	172769	WASHER -- special	1
28	001784	RING -- snap	1
29	172646	HUB ASSEMBLY	1
30	014247	SCREW -- set, 10-32 x 1/4"	1

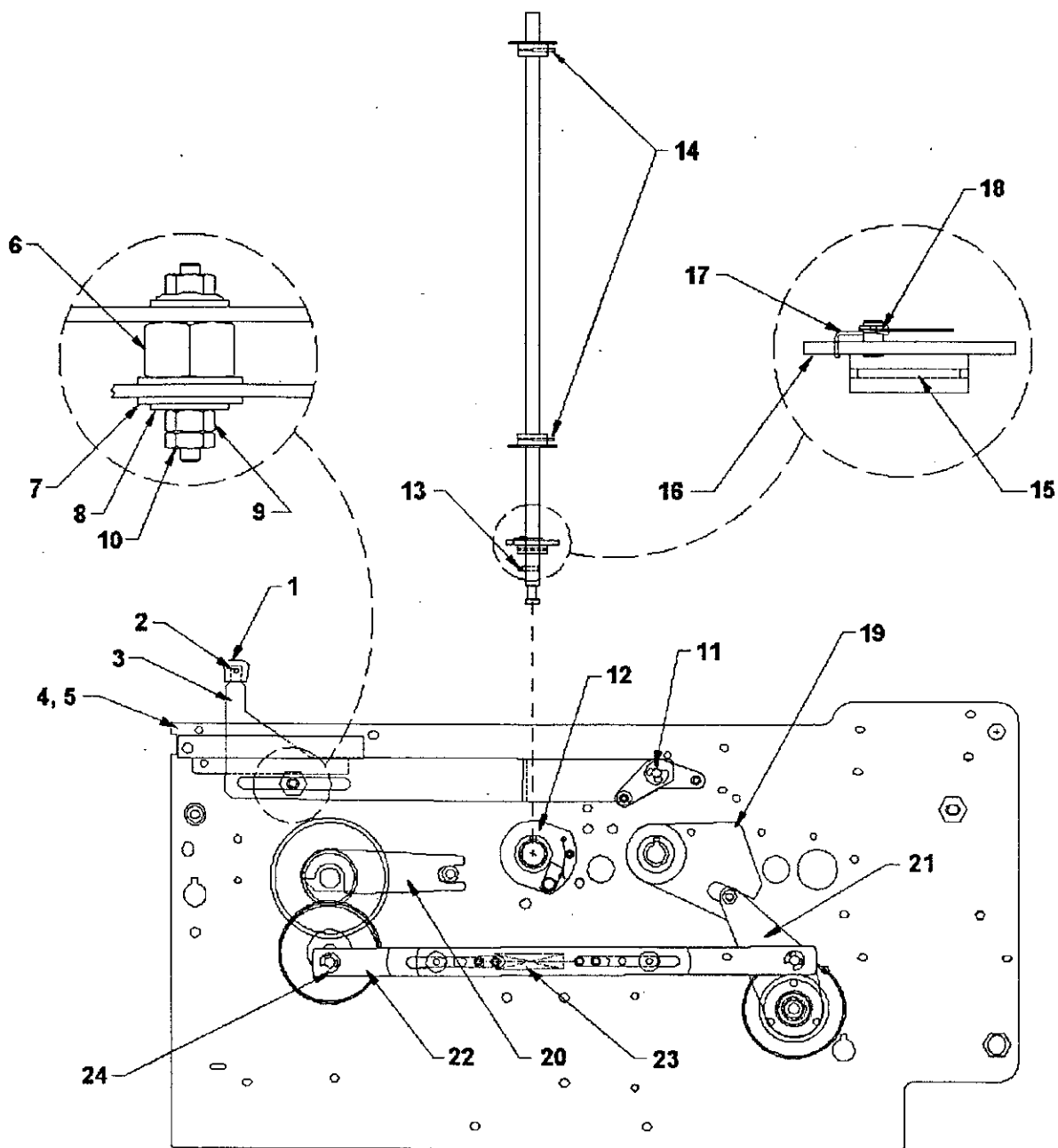
CHAIN DELIVERY



BACK JOGGER ADJUSTING SHAFT

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	054350	ROLLER	1
2	001049	RETAINING RING	1
3	179578	LEVER ASSEMBLY	1
4	081597	PAD -- friction	1
5	014510	"E" RING	1
6	081789	SPACER	1
7	179581	GEAR AND HUB ASSEMBLY	1
8	081597	PAD -- friction	1
9	179585	CRANK -- extension	1
10	101063	PIN -- roll	1
11	179584	EXTENSION	1
12	017582	KNOB -- gear adjustment	1
13	016933	KNOB ASSEMBLY	1
14	017583	KNOB -- jogger adjustment	1
15	101916	INSERT	1
16	016574	WASHER -- .315 i.d., .687 o.d.	1
17	172288	PLATE -- mounting	1
18	111057	SCREW -- 10-32 x 3/4"	2
19	075443	CLAMP -- tube	2
20	173548	BUSHING	3
21	111055	SCREW -- 10-32 x 5/8"	7
22	150083	NUT -- lock, 10-32	9
23	111089	SCREW -- 10-32	6
24	025205	WASHER -- .328 i.d., 1.000 o.d.	6
25	179575	STAND OFF	3
26	016412	WORM GEAR ASSEMBLY	1

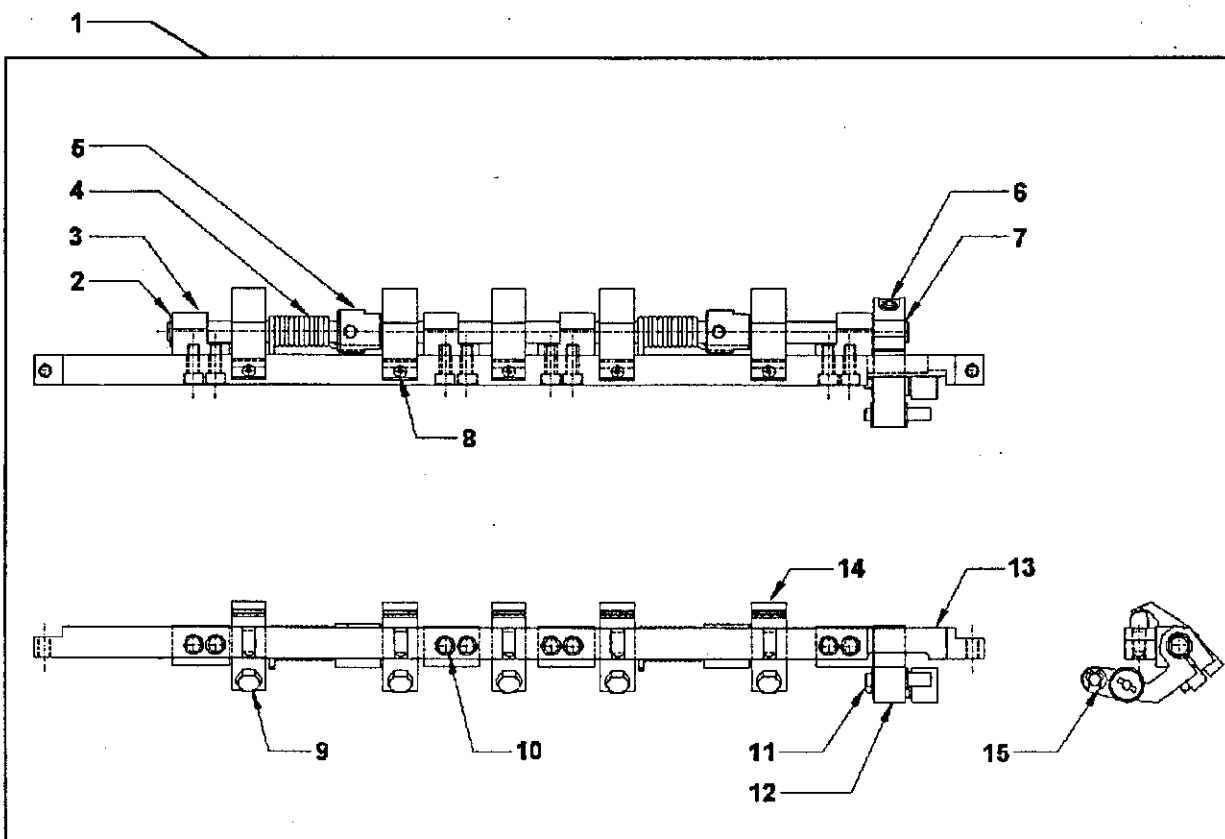
CHAIN DELIVERY



JOGGER MECHANISM

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	016921	KNOB	1
2	001552	SCREW -- 8-32 x 3/8"	1
3	172325	LEVER -- chain delivery control	1
4	173065	FILLER GUIDE -- os	1
5	001649	SEMS UNIT	2
6	178999	STUD	1
7	197206	WASHER -- nylon, .388 i.d., .812 o.d.	2
8	195837	WASHER -- .265 i.d., .749 o.d.	1
9	001818	NUT -- 1/4-28	1
10	150050	NUT -- 1/4-28	1
11	001060	RETAINING RING	1
12	016409	CHAIN SHAFT ASSEMBLY	1
13	101281	PIN -- drive lock	1
14	000014	PIN -- taper	1
15	001983	PIN -- roll	1
16	016410	PAWL MOUNT ASSEMBLY	1
17	081720	SPRING	1
18	014504	RING -- snap	1
19	016477	MOUNT -- pawl, sub-assembly	1
20	172647	ARM -- roller guide	1
21	179578	LEVER ASSEMBLY	1
22	016494	D.R. LINK ASSEMBLY	1
23	196405	SPRING	2
24	001095	RETAINING RING	2

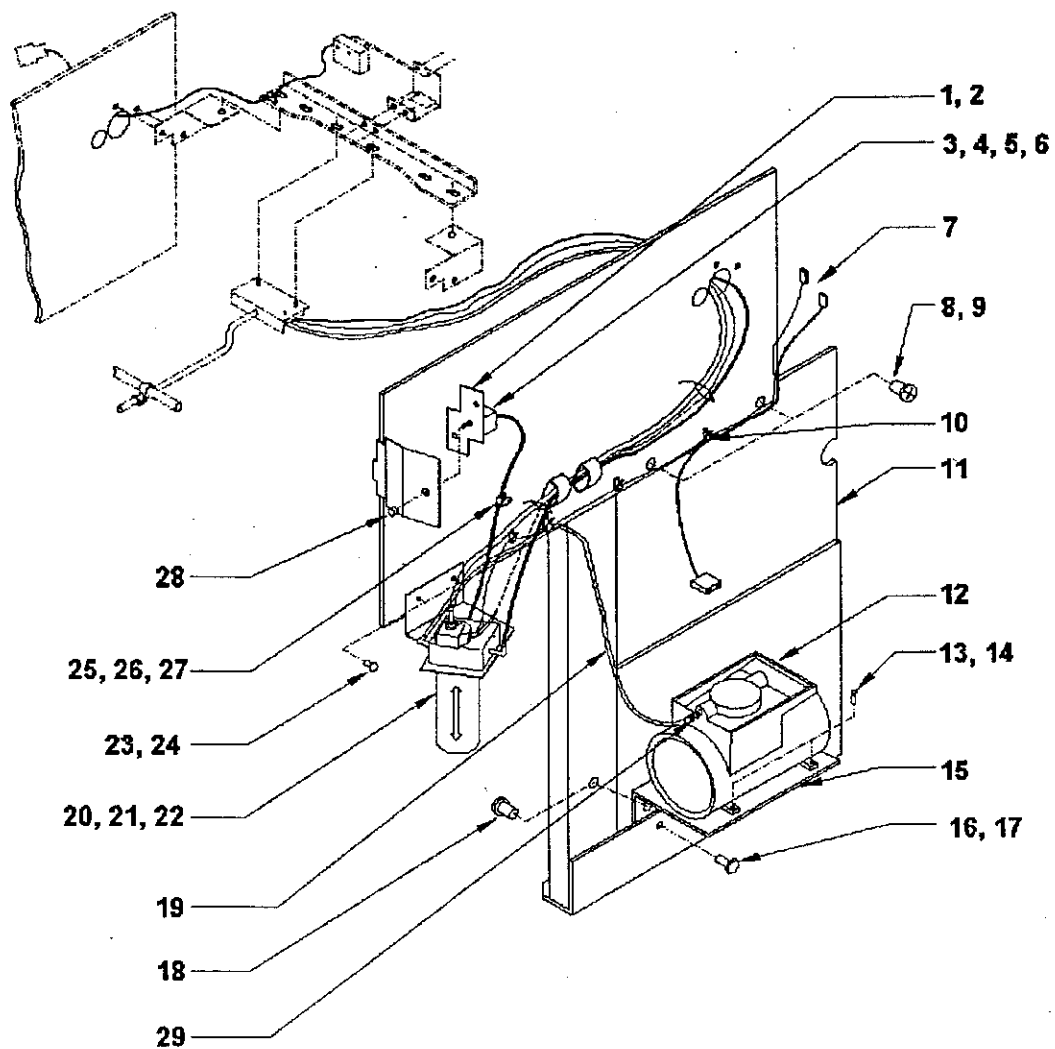
CHAIN DELIVERY



GRIPPER BAR

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172745	CHAIN DELIVERY GRIPPER ASSEMBLY	1
2	001046	RETAINING RING	1
3	081764	BEARING	4
4	172061	SPRING -- gripper	2
5	172060	COLLAR -- spring	2
6	014164	SCREW -- 8-32 x 7/16"	1
7	172742	SHAFT -- gripper	1
8	001650	SCREW -- set	2
9	014190	SCREW -- 10-32 x 1/2"	5
10	014164	SCREW -- 8-32 x 7/16"	8
11	080564	PIN	1
12	172302	LEVER ASSEMBLY -- chain delivery gripper	1
13	172744	GRIPPER BAR ASSEMBLY	1
14	173357	GRIPPER FINGER PAD ASSEMBLY	5
15	014504	RING -- snap	2

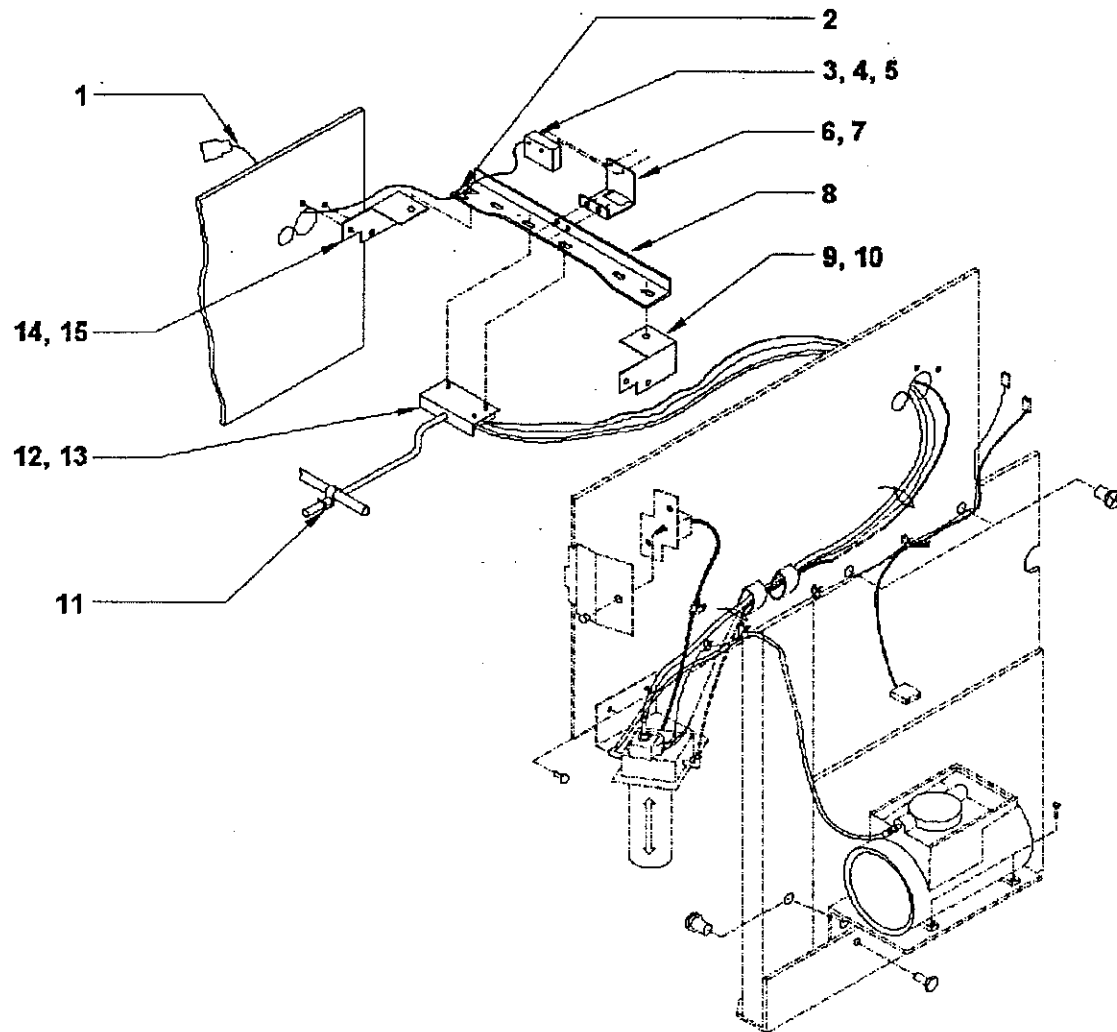
CHAIN DELIVERY



POWDER SPRAY ASSEMBLY -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173245	FLANGE -- powder spray	1
2	001049	RETAINING RING	1
3	173251	HOUSING -- powder spray	1
4	150083	NUT -- lock, 10-32	2
5	173252	SHAFT -- powder spray	1
6	014187	SCREW -- 8-32 x 3/8"	2
7	172985	HARNESS -- powder spray	1
8	001649	SEMS UNIT -- 10-32 x 1/2"	2
9	001812	NUT -- 10-32	2
10	250356	CLAMP -- cable	2
11	173075	PANEL -- inside	1
12	173254	COMPRESSOR ASSEMBLY	1
13	111057	SCREW -- 10-32 x 3/4"	4
14	022621	WASHER -- .197 i.d., .500 o.d.	4
15	172634	BRACKET -- compressor	1
16	111099	SCREW -- 3/8-24 x 7/8"	2
17	150089	NUT -- 3/8-24	2
18	102157	SCREW -- 10-32 x 3/8"	2
19	197420	TUBE -- powder spray	1
20	001731	WASHER -- lock, .250 i.d., .485 o.d.	2
21	001640	SCREW -- 1/4-20 x 5/8"	2
22	173250	SPRAY HEAD -- manifold	1
23	111054	SCREW -- 10-32 x 1/2"	2
24	173249	BRACKET -- manifold	1
25	001812	NUT -- 10-32	2
26	001649	SEMS UNIT -- 10-32 x 1/2"	2
27	250098	CLAMP -- cable	2
28	180472	KNOB	1
29	101537	FITTING	1
30	173256	BUSHING -- flexible shaft	1
31	250077	STAY STRAP	2
32	010076	SHAFT -- flexible	1

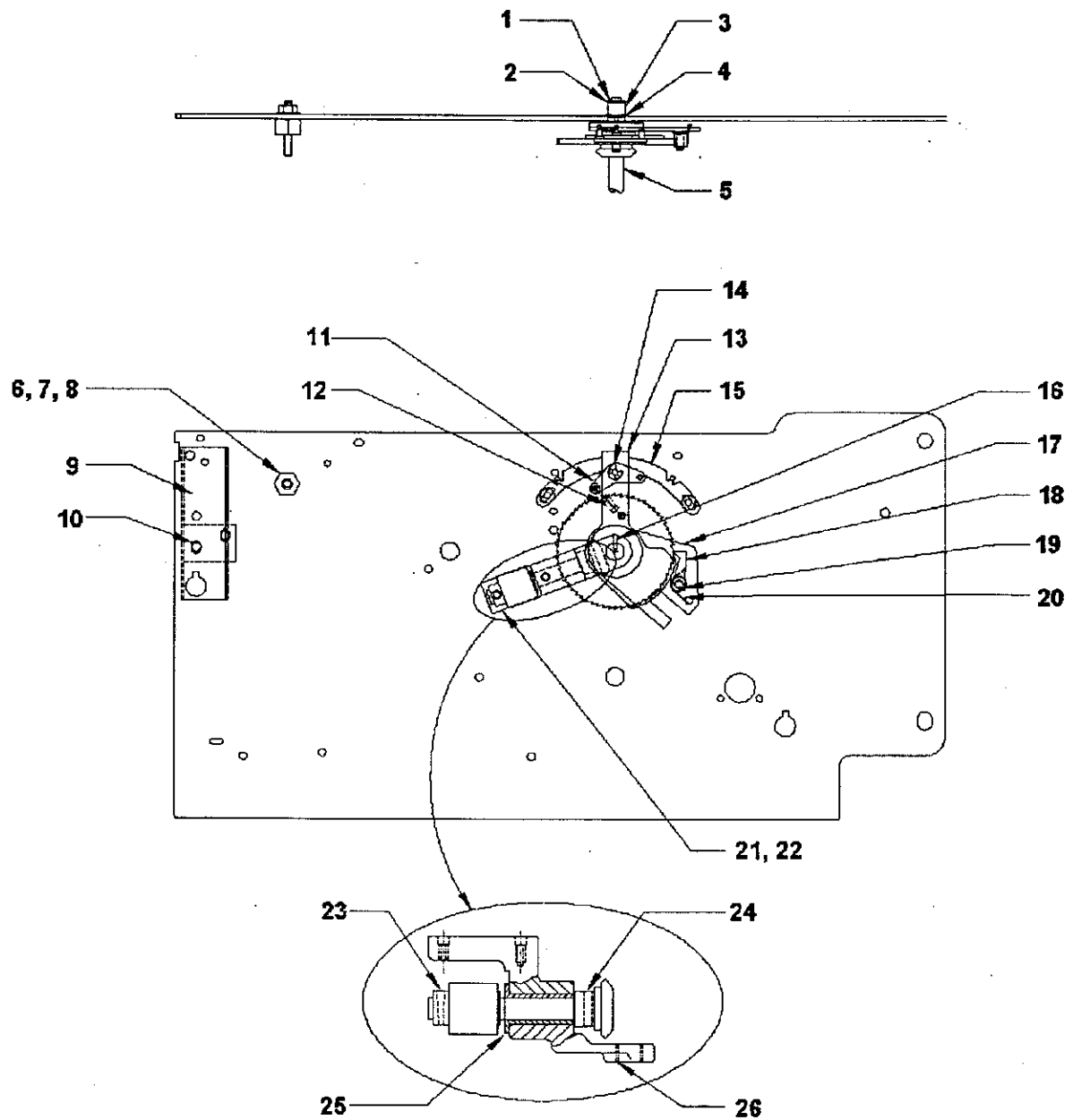
CHAIN DELIVERY



POWDER SPRAY ASSEMBLY -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	250077	STAY STRAP	1
2	250356	CLAMP -- cable	1
3	173096	PHOTOSENSOR ASSEMBLY -- jam	1
4	100204	SCREW -- 4-40 x 3/4"	2
5	100115	NUT -- 4-40	2
6	173094	BRACKET ASSEMBLY -- sensor	1
7	111052	SCREW -- 10-32 x 3/8"	2
8	173093	PLATE -- support, photosensor	1
9	173091	BRACKET ASSEMBLY -- powder spray, nos	1
10	111052	SCREW -- 10-32 x 3/8"	3
11	172717	SPRING -- hold down	1
12	173250	SPRAY HEAD -- manifold	1
13	101051	NUT -- 10-32	2
14	173089	BRACKET ASSEMBLY -- powder spray, os	1
15	111052	SCREW -- 10-32 x 3/8"	3

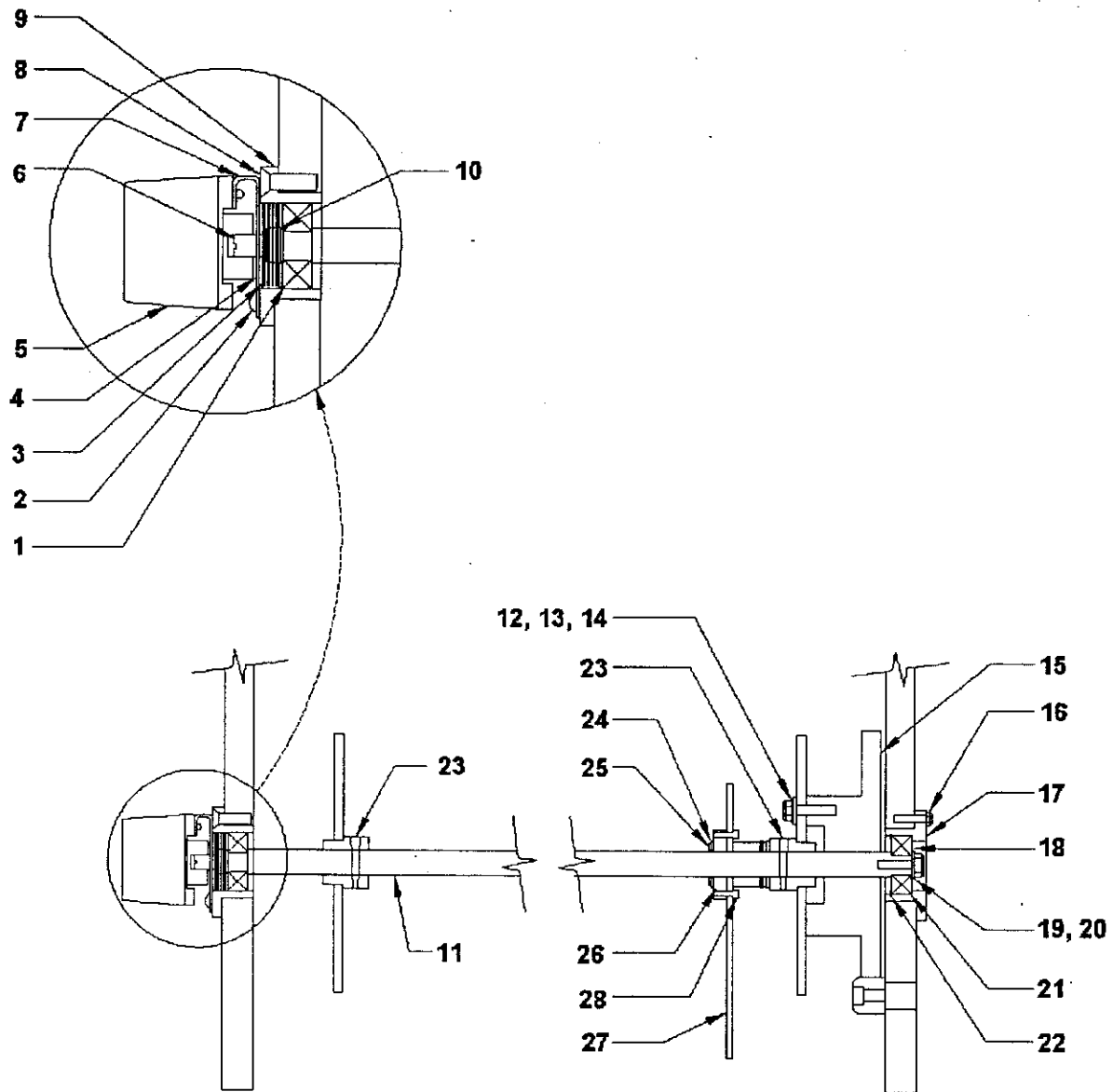
CHAIN DELIVERY



CHAIN DELIVERY RATCHET AND WORM GEAR

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	001047	RING -- snap	1
2	001755	WASHER	2
3	196402	BUSHING	3
4	014461	RETAINING RING -- #4	1
5	016481	CRANK SHAFT ASSEMBLY	1
6	150085	NUT -- lock, 1/4-28	1
7	178999	STUD	1
8	195837	WASHER -- .265 i.d., .749 o.d.	1
9	173248	BRACKET ASSEMBLY	1
10	111055	SCREW -- 10-32 x 5/8"	2
11	081575	LEVER ASSEMBLY	1
12	021369	SPRING	1
13	179567	LEVER SUB-ASSEMBLY	1
14	001095	RETAINING RING	1
15	081604	CONTROL RATCHET -- reference only	1
16	081609	CRANK	1
17	016477	PAWL MOUNT SUB-ASSEMBLY	1
18	081567	PAWL	1
19	001049	RETAINING RING	1
20	081833	SPRING -- pawl	1
21	016415	WORM AND MOUNT ASSEMBLY	1
22	081553	SCREW -- dowel	2
23	001920	PIN -- taper	1
24	001981	PIN -- roll	1
25	196398	BEARING -- flange	1
26	001432	BEARING	1

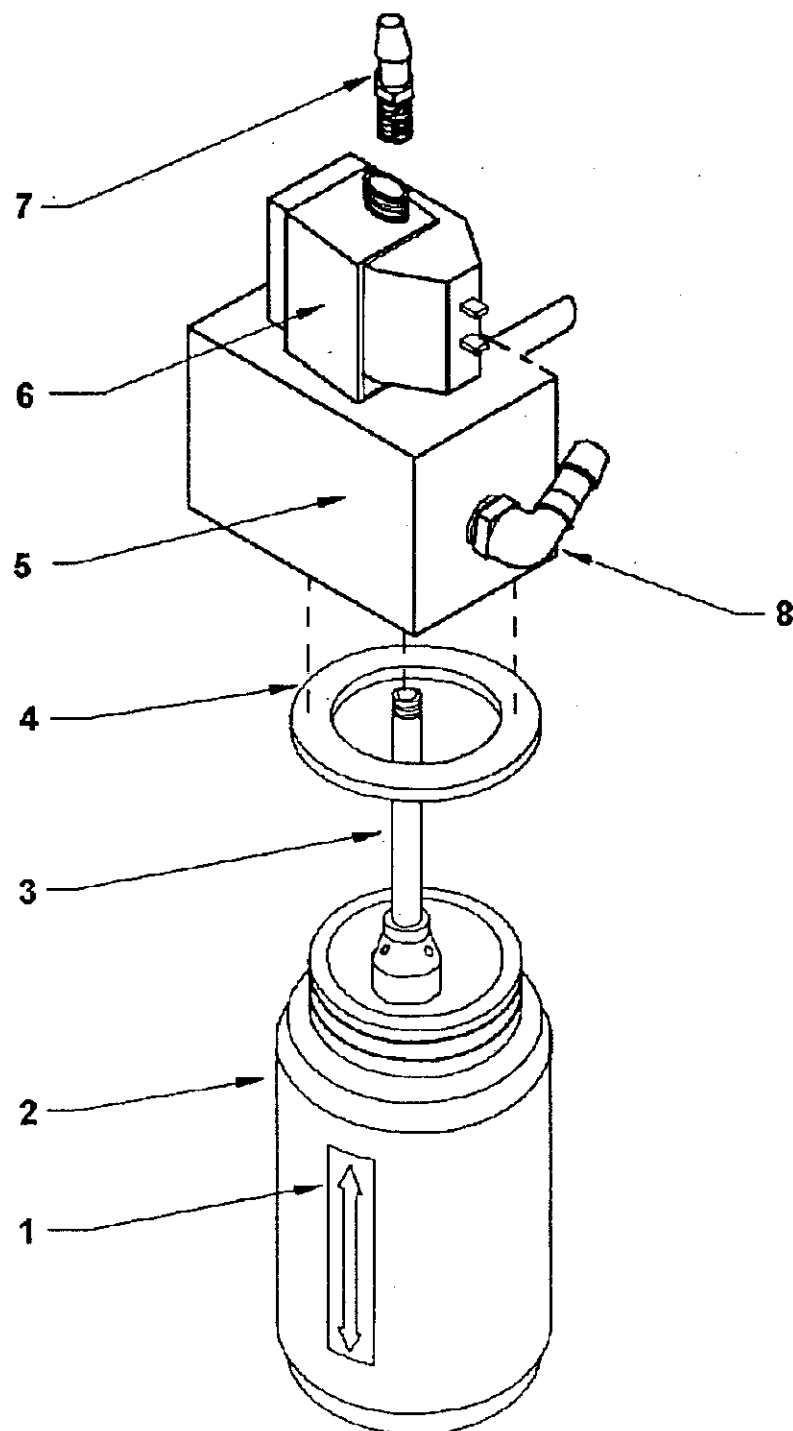
CHAIN DELIVERY



CHAIN DELIVERY SPROCKET ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173645	WASHER	3
2	001688	SCREW -- sems	1
3	173661	SPRING -- wave	1
4	173668	RETAINER -- spring	1
5	179637	ENCODER ASSEMBLY	1
6	172755	ENCODER -- chain delivery shaft	1
7	172756	BRACKET -- encoder	1
8	111076	SCREW -- hex washer	3
9	172753	HOUSING -- bearing, chain delivery	1
10	014712	WASHER	3
11	172752	DRIVE SHAFT AND SPROCKET ASSEMBLY	1
12	100609	SCREW	3
13	001731	WASHER -- lock	3
14	005620	WASHER	3
15	172740	SPUR GEAR	1
16	100806	SCREW -- socket head	1
17	172753	HOUSING -- bearing, chain delivery	1
18	102238	BALL BEARING	1
19	196955	WASHER	1
20	102254	SCREW -- 5/16-24	1
21	001065	RETAINING RING	1
22	102250	RETAINING RING -- black	1
23	102249	PIN -- taper	2
24	196850	WASHER -- thrust	1
25	001786	RETAINING RING	1
26	172758	HUB	1
27	172760	CAM -- chain delivery	1
28	014111	SCREW -- 1/4-28 x 5/8"	4

CHAIN DELIVERY

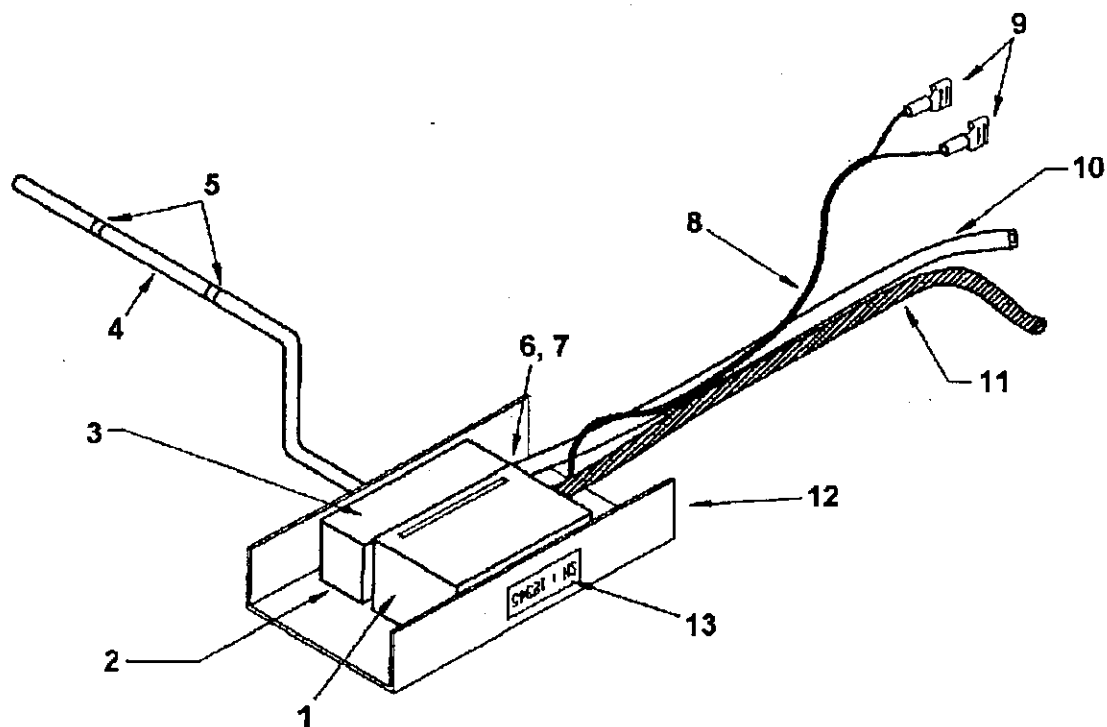


POWDER SPRAY -- POWDER METERING ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	42423040*	LABEL -- jar	1
2	41-440*	JAR	1
3	I-14T12R*	I-TUBE ASSEMBLY	1
4	167838GA*	GASKET -- jar	1
5	84119103*	MANIFOLD -- tested, limited turn	1
6	78304-9000*	SOLENOID -- 12V DC	1
7	43464410*	ADAPTOR -- tube, 1/16 npt x 1/4"	1
8	62030*	ELBOW -- barbed, 1/8 npt x 1/4"	2

* Contact Airtech

CHAIN DELIVERY

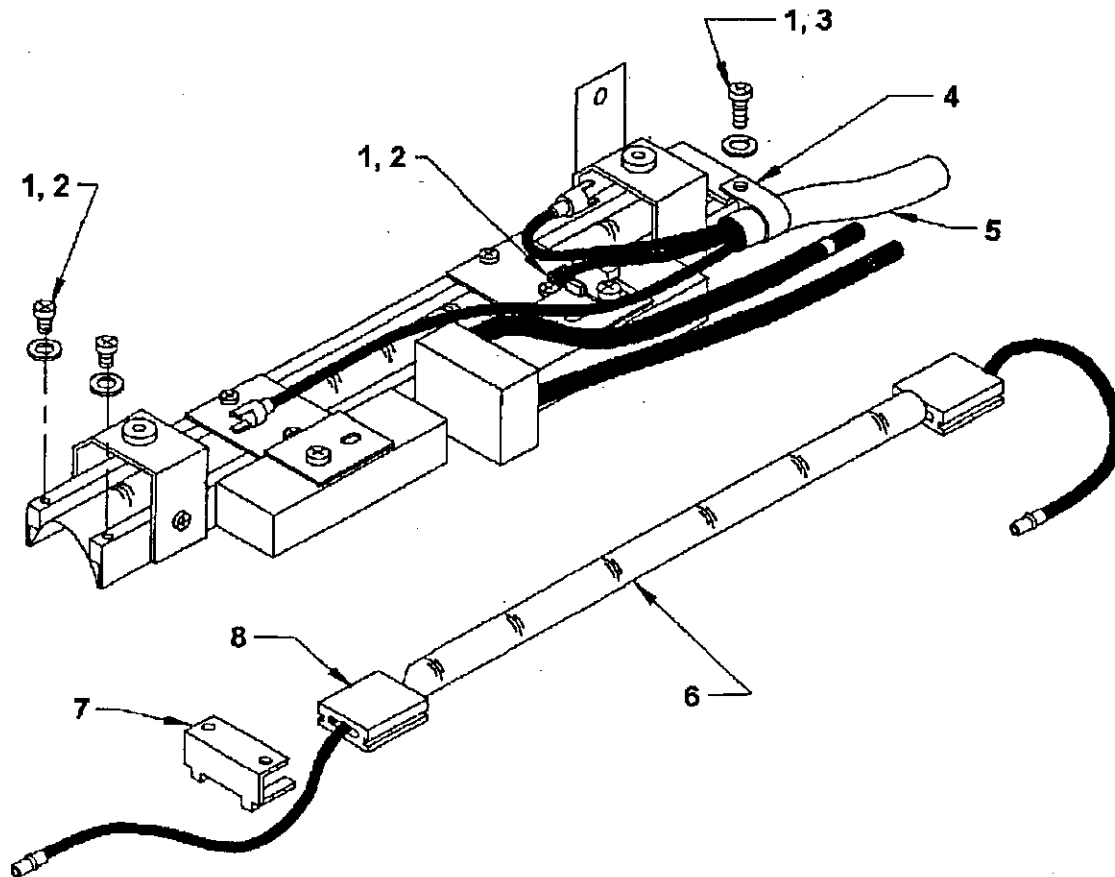


POWDER SPRAY -- SPRAY BAR ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	3222003*	SPRAYER -- "B" size, right	1
2	42989001*	TAPE -- VHB	2
3	3116003*	MANIFOLD -- blow down	1
4	3421040A*	TUBE -- blow down	1
5	4209905*	COLLAR -- tube, blow down	2
6	5250-2*	ADAPTOR -- tubing	1
7	UM5006*	CLAMPS -- tubing	2
8	A2323111*	LED WIRE HARNESS ASSEMBLY	1
9	250A*	CONNECTOR -- spade	2
10	14T38*	TUBING -- pvc, 42"	1
11	14ECT38*	TUBING -- natvar, 42"	1
12	21390191*	SHELL -- sb	1
13	42412015*	LABEL -- serial	1

* Contact Airtech

CHAIN DELIVERY

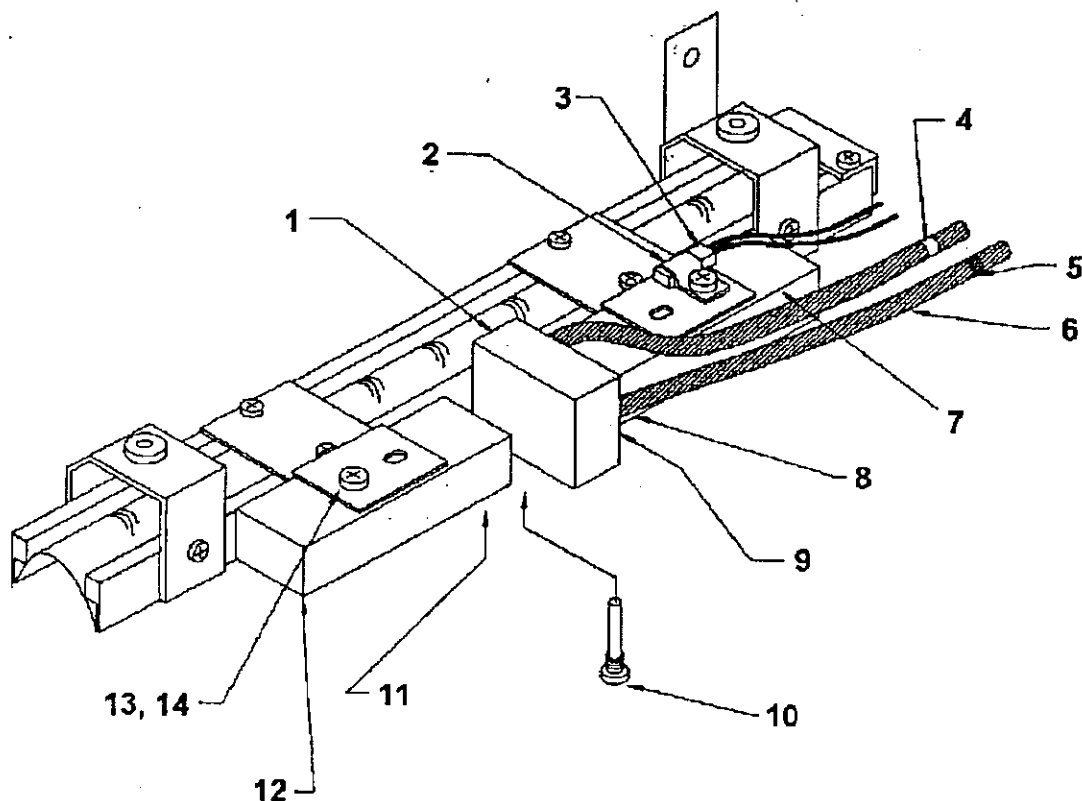


POWDER SPRAY -- WIRING SUBASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	6LWT*	WASHER -- lock, #6	4
2	632MS14*	SCREW -- 6-32 x 1/4"	3
3	632MS12*	SCREW -- 6-32 x 1/2"	1
4	CW-0805*	CLAMP	1
5	6752620*	POWER CORD -- lamp	1
6	RP-LAMP*	LAMP -- 2000 watt	1
7	2779009*	PLATE --end	1
8	4209909*	LAMP HOLDER -- ceramic	1

* Contact Airtech

CHAIN DELIVERY

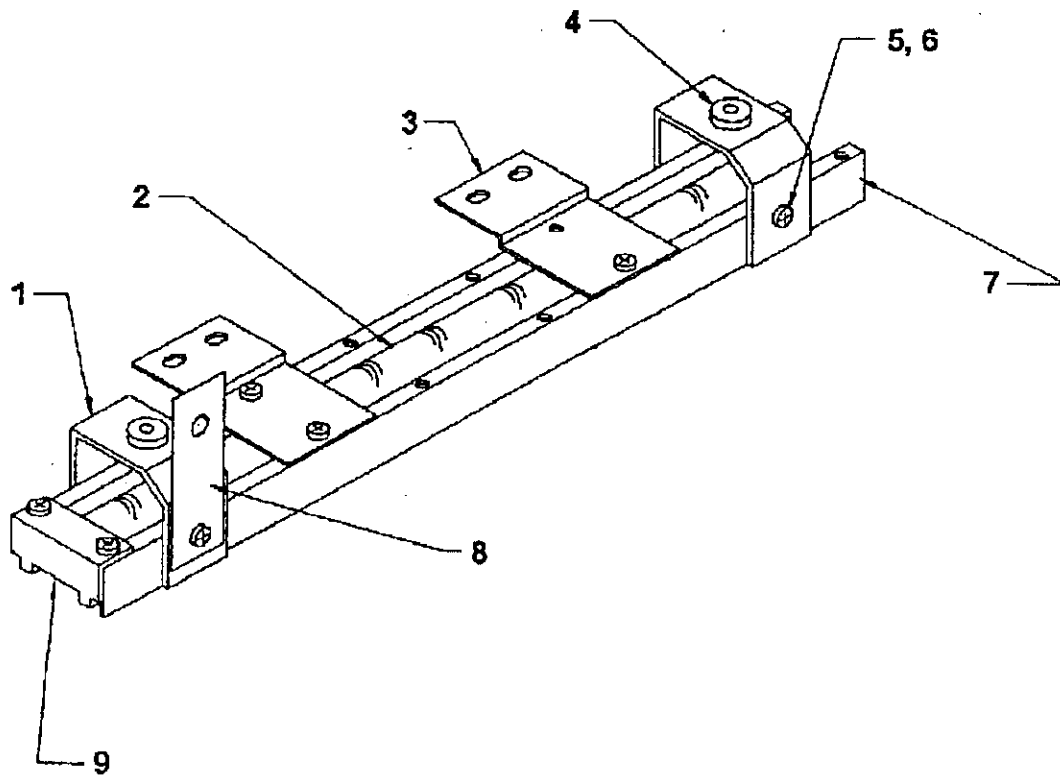


POWDER SPRAY -- SPRAYER SUBASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	3165014*	MANIFOLD	1
2	CH-0407*	CLAMP -- half	1
3	6785319*	RESET -- thermal	1
4	IRWL-WHITE*	LABEL -- wire	1
5	IRWL-BLUE*	LABEL -- wire	1
6	14T38-FL*	TUBING -- flouran	2
7	3231006*	SPRAYER	1
8	UM5006*	CLAMP (hidden)	2
9	5250-2*	ADAPTOR -- tubing (hidden)	2
10	3386007*	EQUALIZER -- powder	1
11	3451002*	TUBE -- connector (hidden)	2
12	3221005*	SPRAYER	1
13	032MS12*	SCREW -- 10-32 x 1/2"	2
14	10LWT*	WASHER -- lock, #10	2

* Contact Airtech

CHAIN DELIVERY

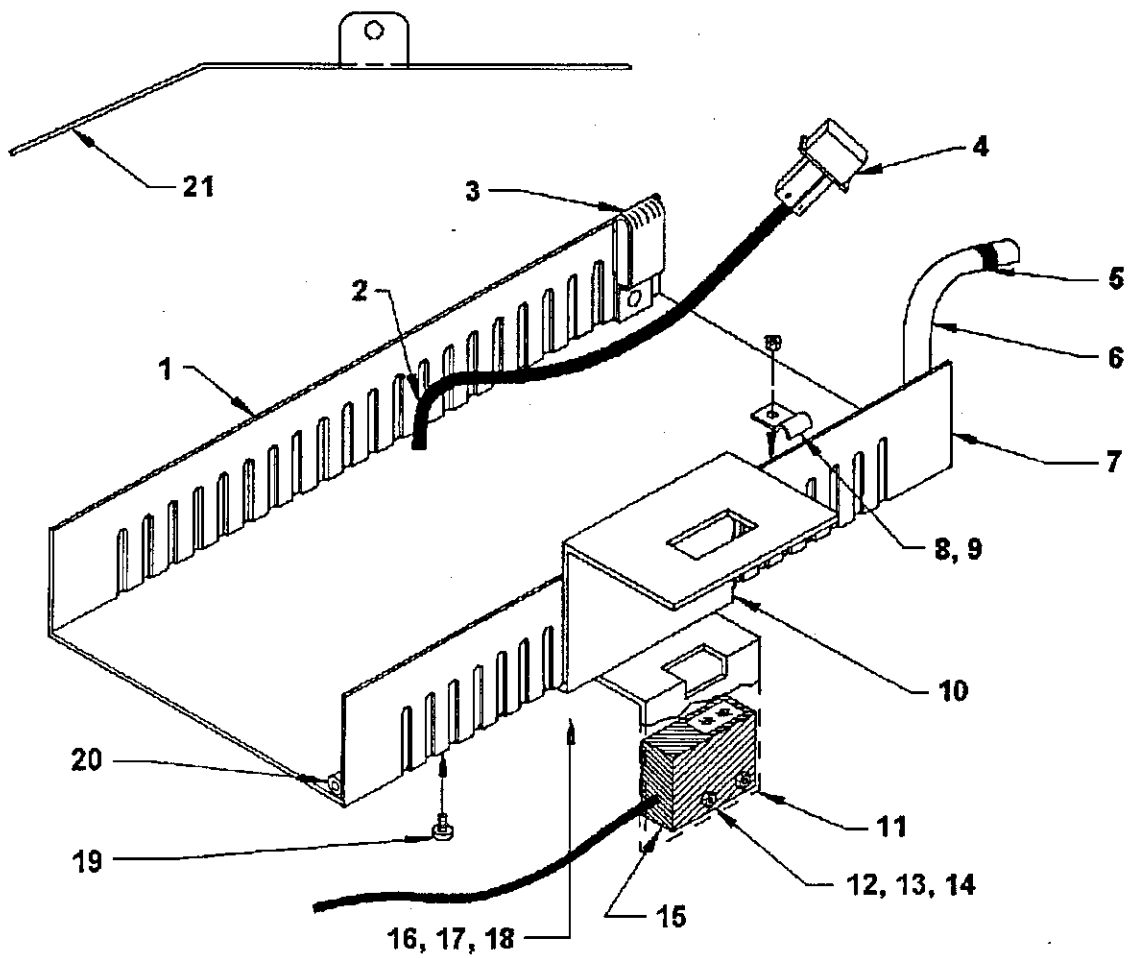


POWDER SPRAY -- FRAME SUBASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	2779017*	BRACKET -- frame	2
2	2739021*	REFLECTOR	1
3	2779004*	BRACKET -- mounting, sprayer	2
4	FAS170602-24*	SPACER -- fastex	2
5	632MS14*	SCREW -- 6-32 x 1/4"	9
6	6LWT*	WASHER -- lock, #6	9
7	3691016*	BAR -- side	2
8	2779024*	STRAP -- grounding	1
9	2779009*	PLATE -- end	1

* Contact Airtech

CHAIN DELIVERY

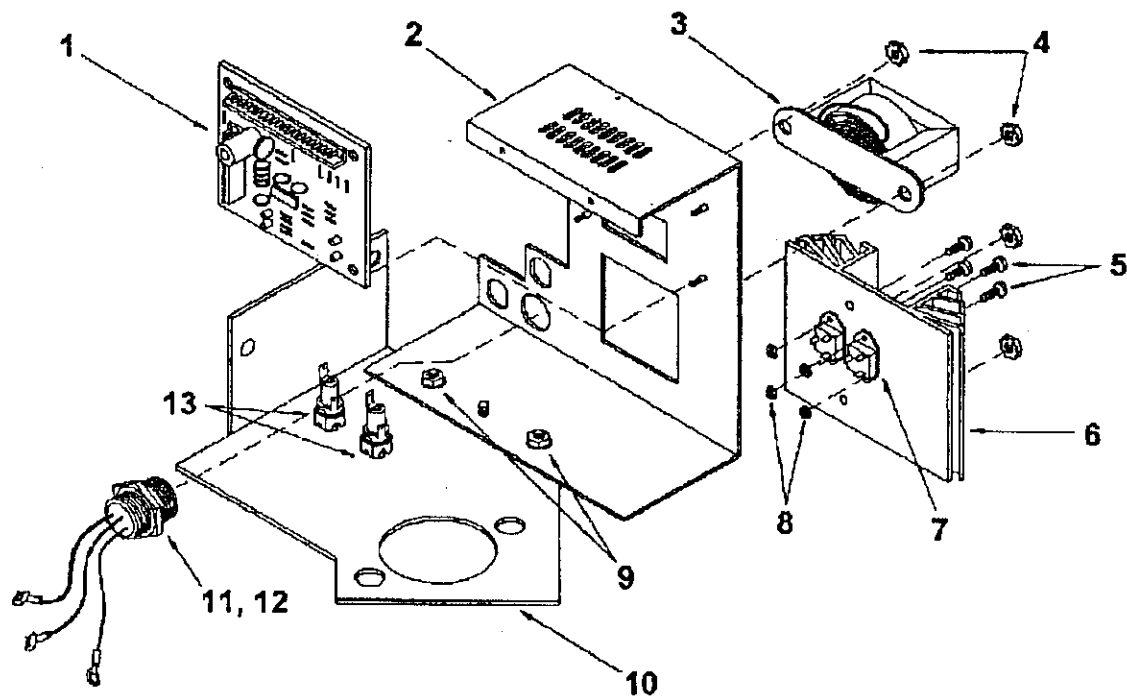


INFRARED/POWDER SPRAY -- COVER

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	2139020*	COVER -- outer	1
2	A323102*	INDICATOR LIGHT ASSEMBLY	1
3	CD-0609*	CLAMP -- dual tube (for illustration only)	1
4	480319-10*	CONNECTOR -- plastic, female	1
5	IRWL-RED*	LABEL -- wire, red	1
6	43324102*	TUBE -- flouran, 7"	1
7	UM5006*	CLAMP -- (hidden)	1
8	CH-0407*	CLAMP -- half, 1/4"	1
9	032HN-SPN*	NUT -- 10-32	1
10	2639022*	SHIELD -- sensor	1
11	2639017*	BRACKET -- mounting, sensor	1
12	440MS34*	SCREW -- 4-40 x 3/4"	2
13	4LWT*	WASHER -- lock, #4	2
14	440HN*	NUT -- 4-40	2
15	6778805*	PHOTO SENSOR ASSEMBLY	1
16	032MS38*	SCREW -- 10-32 x 3/8" (hidden)	
17	10FW*	WASHER -- flat, #10 (hidden)	
18	10LWT*	WASHER -- lock, #10 (hidden)	
19	6PHSM14*	SCREW -- sheet metal, #6	1
20	3441042*	TUBE -- cool	1
21	2906022A*	CHEMICAL SHIELD	1

* Contact Airtech

CHAIN DELIVERY

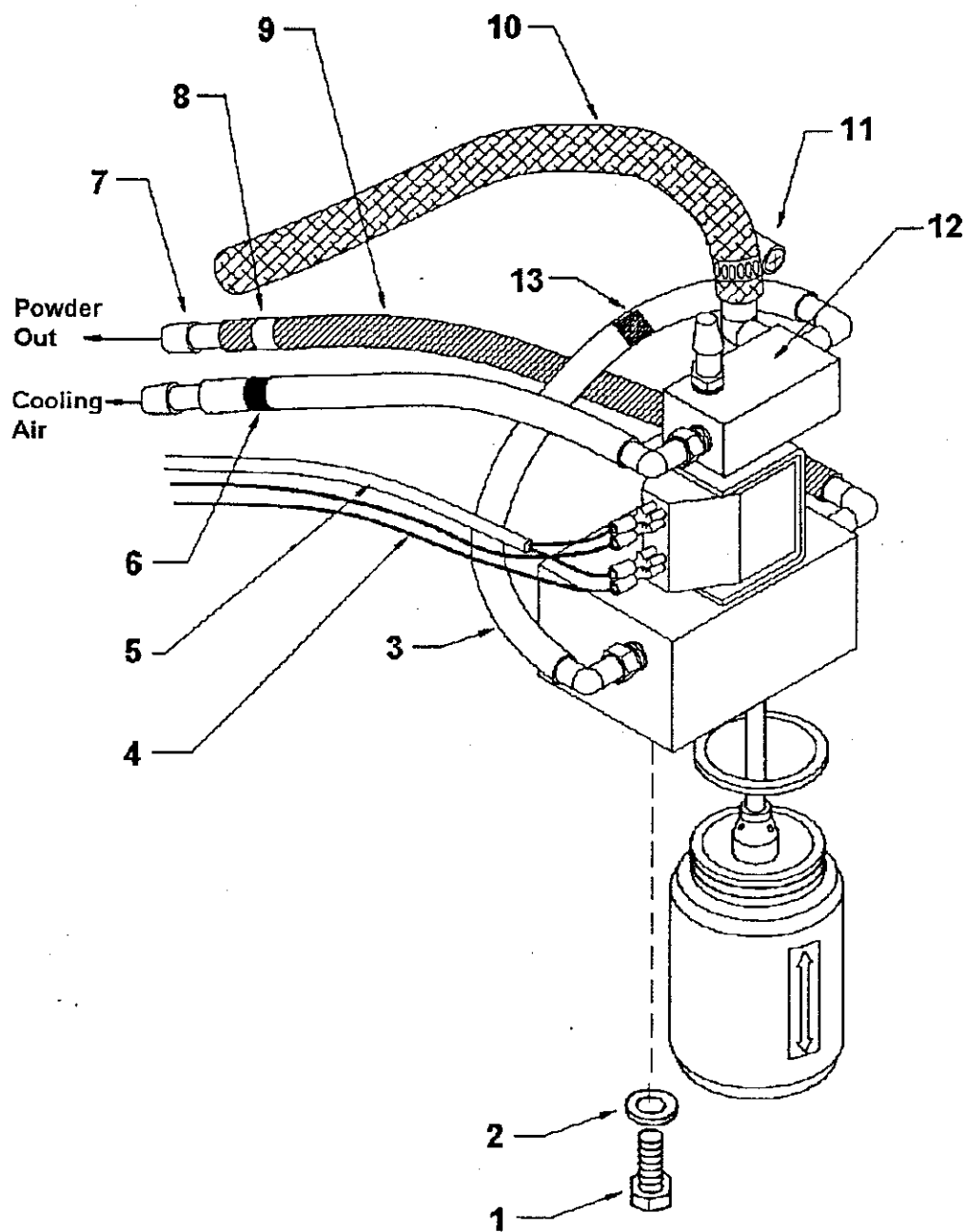


POWDER SPRAY -- PNEUELECTRIC PANEL ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	LCB-2*	LAMP CONTROL -- pc board, 220V	1
2	2879005B*	MTG PLATE -- electronics	1
3	67312051*	TRANSFORMER -- IR, 220V	1
4	832SHN*	NUT -- shake proof, #8	4
5	632MS12*	SCREW -- machine, 6-32 x 1/2"	4
6	8221402A*	HEAT SINK -- triac	1
7	41316001*	TRIAC -- 600V, 35A	2
8	632SHN*	NUT -- shake proof, #6	4
9	032HN-SPN*	NUT -- shake proof, #10	2
10	2446011A*	BRACKET -- mtg, black pneumatic	1
11	6785568A*	RECEPTACLE -- lamp, female	1
12	47420632*	NUT -- joy jam (not shown)	1
13	41742000*	FUSE HOLDER -- push in, 20A	2

* Contact Airtech

CHAIN DELIVERY

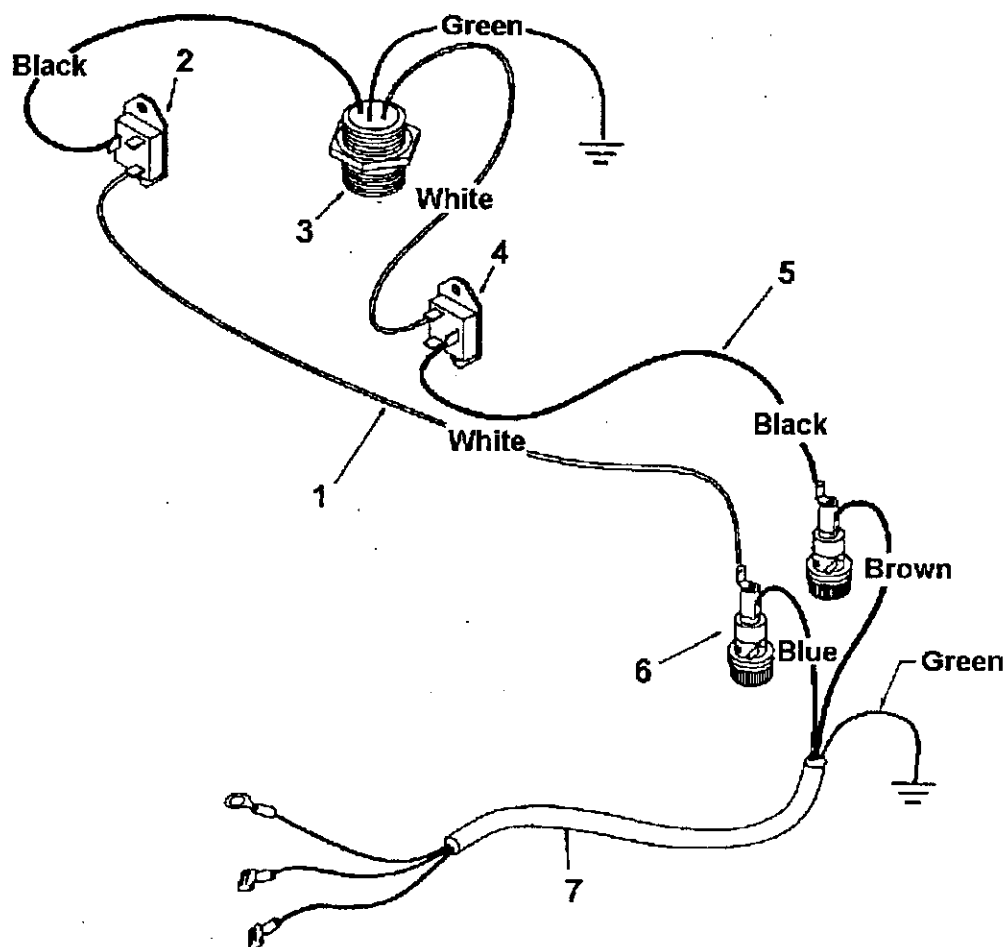


POWDER SPRAY -- PNEUMATICS ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	0420HB58*	SCREW -- hex head, 1/4-20 x 5/8"	2
2	14LW*	WASHER -- split lock	2
3	14T38*	TUBING -- pvc, 7"	1
4	6785052A*	SOLENOID ENABLE -- wh	1
5	6785151A*	INDICATOR LIGHT -- wh	1
6	IRWL-RED*	LABEL -- tubing	1
7	43443905*	TUBING UNION -- 3/16"	2
8	IRWL-WHITE*	LABEL -- tubing	1
9	14ECT38*	TUBING -- conductive, 26"	1
10	38NB916*	TUBING -- braded, 36"	1
11	5X442*	CLAMP -- tubing	1
12	6822308A*	TUBING -- redux mfd.	1
13	8-FR089*	RESTRICTOR -- flow	1

* Contact Airtech

CHAIN DELIVERY

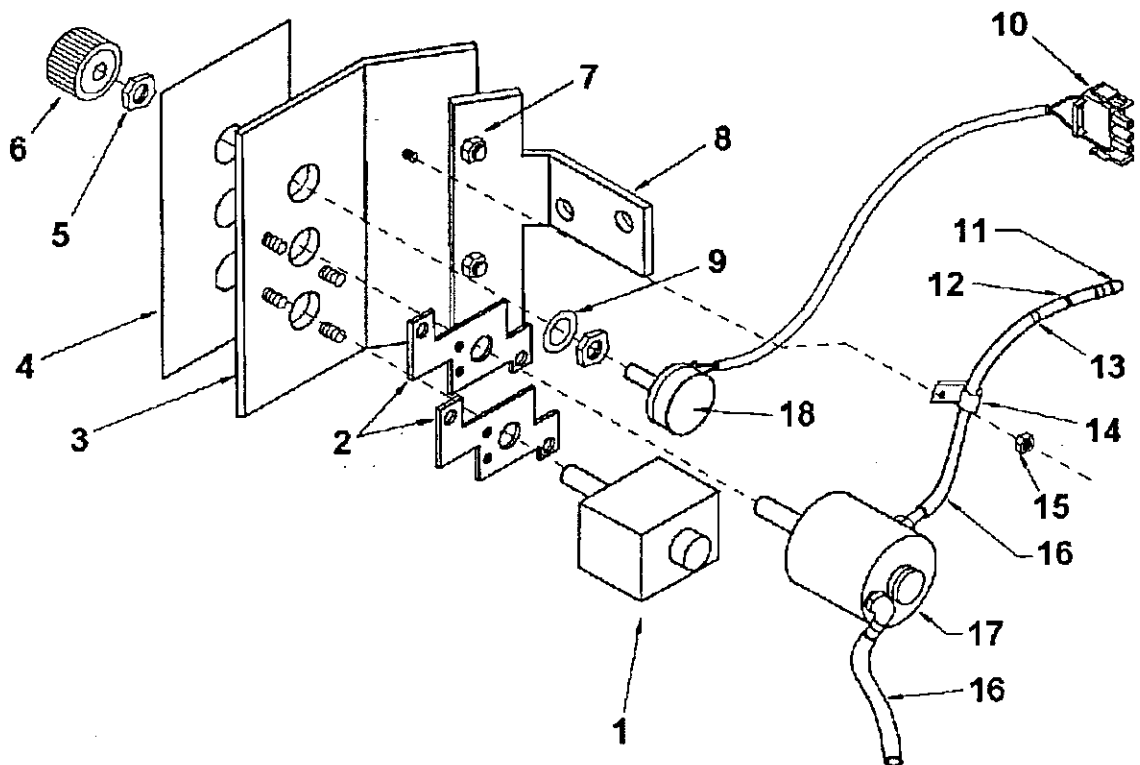


INFRARED/POWDER SPRAY -- ELECTRICAL PANEL WIRING

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	678555A*	POWER BREAKER -- neutral, wh	1
2	678557A*	TRIAC #2 -- for reference only	1
3	N/A*	LAMP POWER RECEPTACLE -- for reference only	1
4	678556A*	TRIAC #1 -- for reference only	1
5	678554A*	POWER BREAKER -- hot, wh	1
6	N/A*	FUSE HOLDER -- for reference only	2
7	6753423A*	POWER CORD -- interconnect, 220V, 12'	1

* Contact Airtech

CHAIN DELIVERY

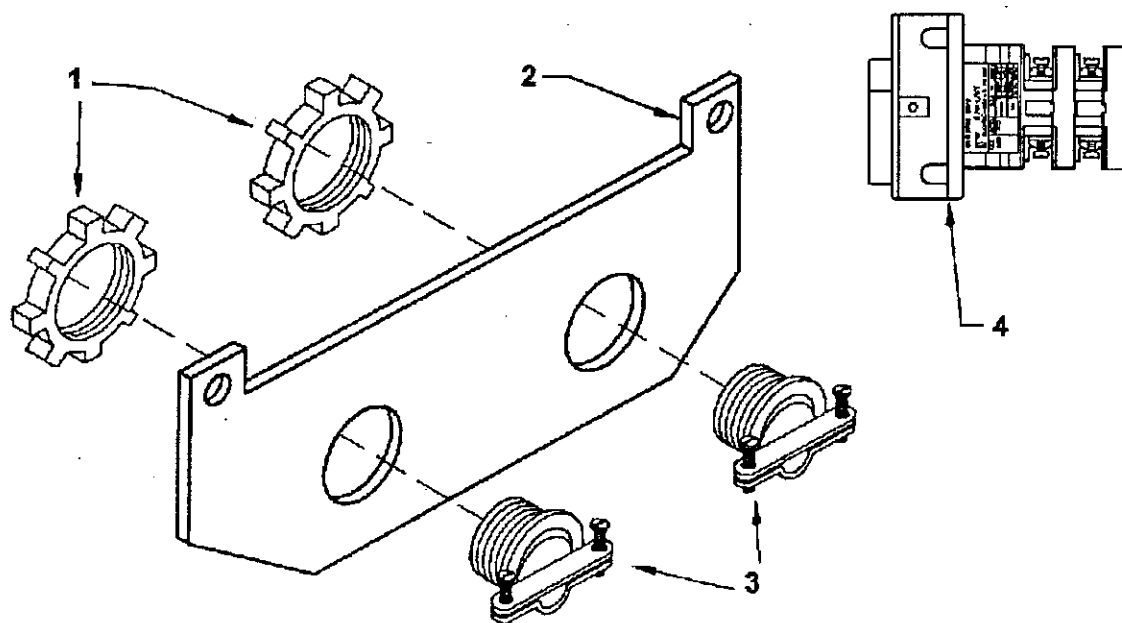


POWDER SPRAY -- CONTROL PANEL ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	6955008*	SHAFT SUPPORT ASSEMBLY	1
2	2979021*	PLATE -- mounting, valve	2
3	2436010*	CONTROL PANEL -- A.B.Dick, black	1
4	4236224A*	OVERLAY	1
5	38PANEL*	NUT -- jam	
6	42556003*	KNOB -- black	
7	032HN-SPN*	NUT -- shake proof, #10	2
8	2436009*	BRACKET -- mounting, control panel	1
9		WASHER -- lock, internal tooth	
10	41525320*	AMP -- male, plastic	1
11	43453904*	UNION -- reduction	1
12	IRWL-BLUE*	LABEL -- wire	1
13	8-FR66*	RESTRICTOR -- flow, 0.070"	1
14	CW-0805*	CLAMP -- tubing	1
15	832HN-NYL*	NUT -- hex, #8	1
16	14T38*	TUBING -- 26"	1
17	6831503*	BD VALVE ASSEMBLY	1
18	6762105A*	INTENSITY POT ASSEMBLY	1

* Contact Airtech

CHAIN DELIVERY

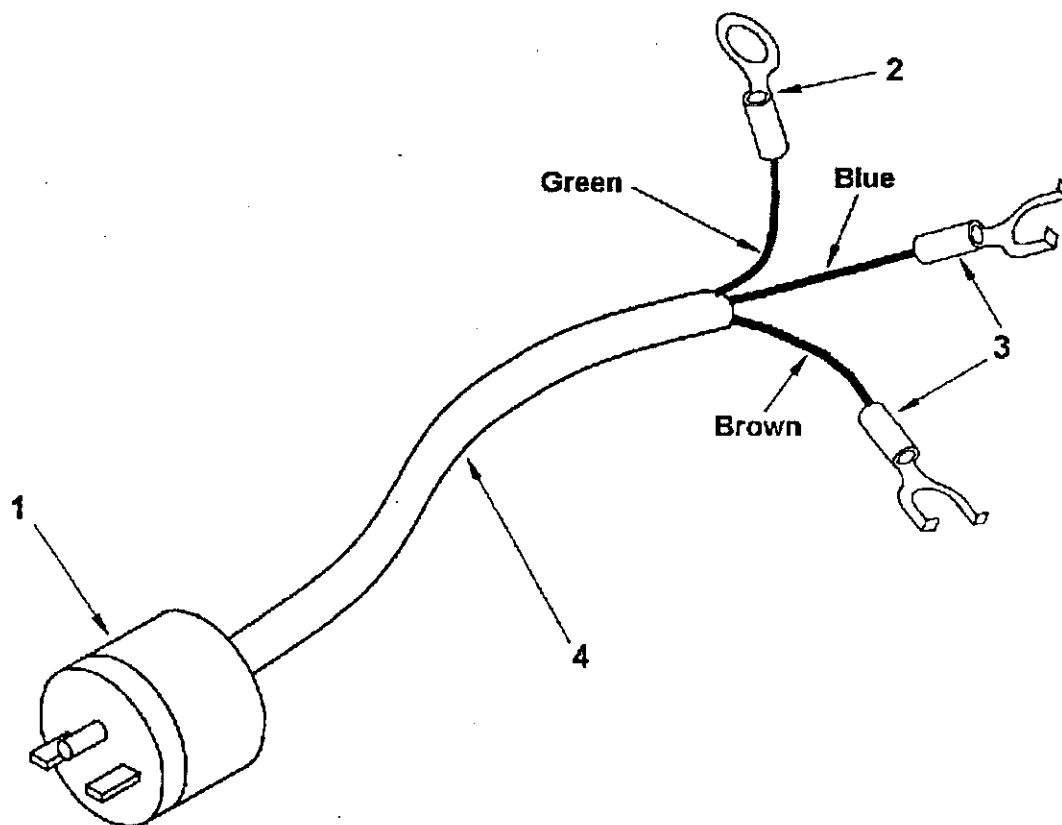


INFRARED/POWDER SPRAY -- STRAIN RELIEF BRACKET/IR POWER SWITCH

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	6623SR*	STRAIN RELIEF	1
2	N/A*	NUT -- locking	2
3	2006003A*	BRACKET -- strain relief mounting, black	1
4	41317008*	IR POWER SWITCH	1

* Contact Airtech

CHAIN DELIVERY

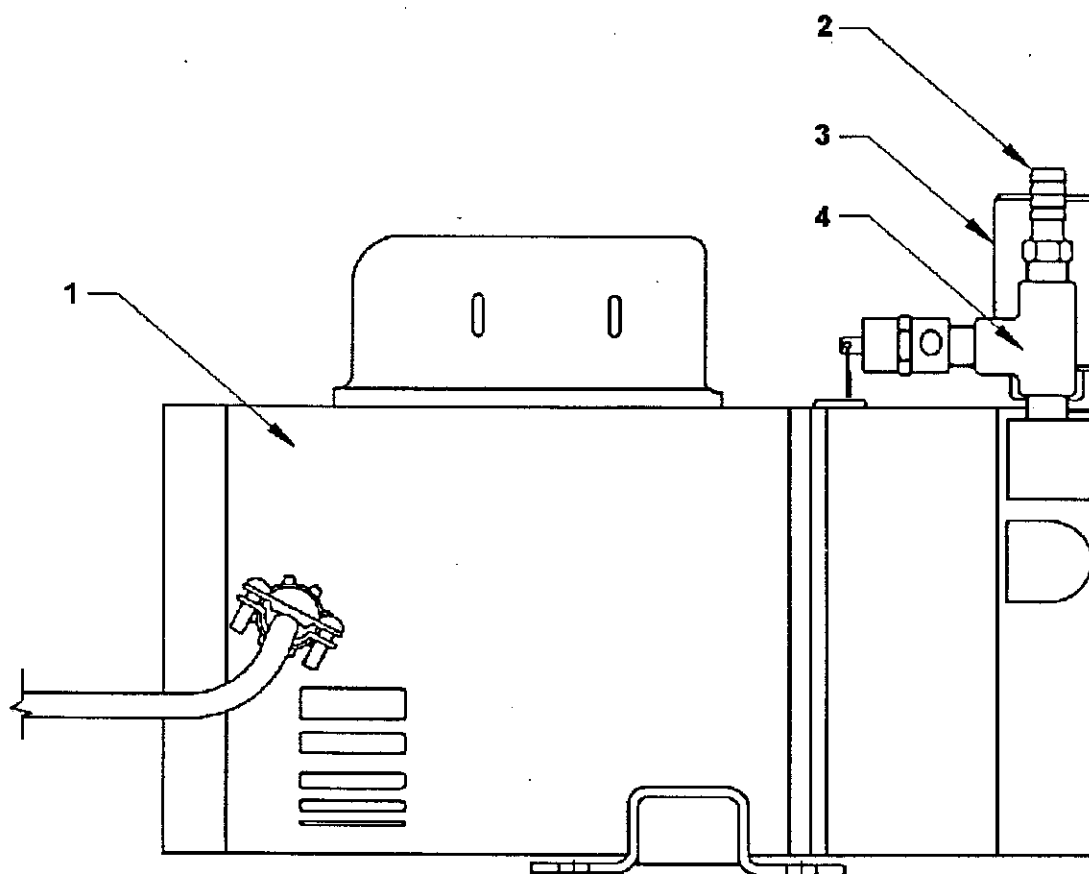


INFRARED/POWDER SPRAY -- POWER CORD

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	41511322*	POWER PLUG -- 20 amp, NEMA, 6-15p	1
2	PV14-10R*	CONNECTOR -- ring	1
3	41528123*	CONNECTOR -- flanged, "U"	2
4	14GA32-220*	POWER CORD	1

* Contact Airtech

CHAIN DELIVERY



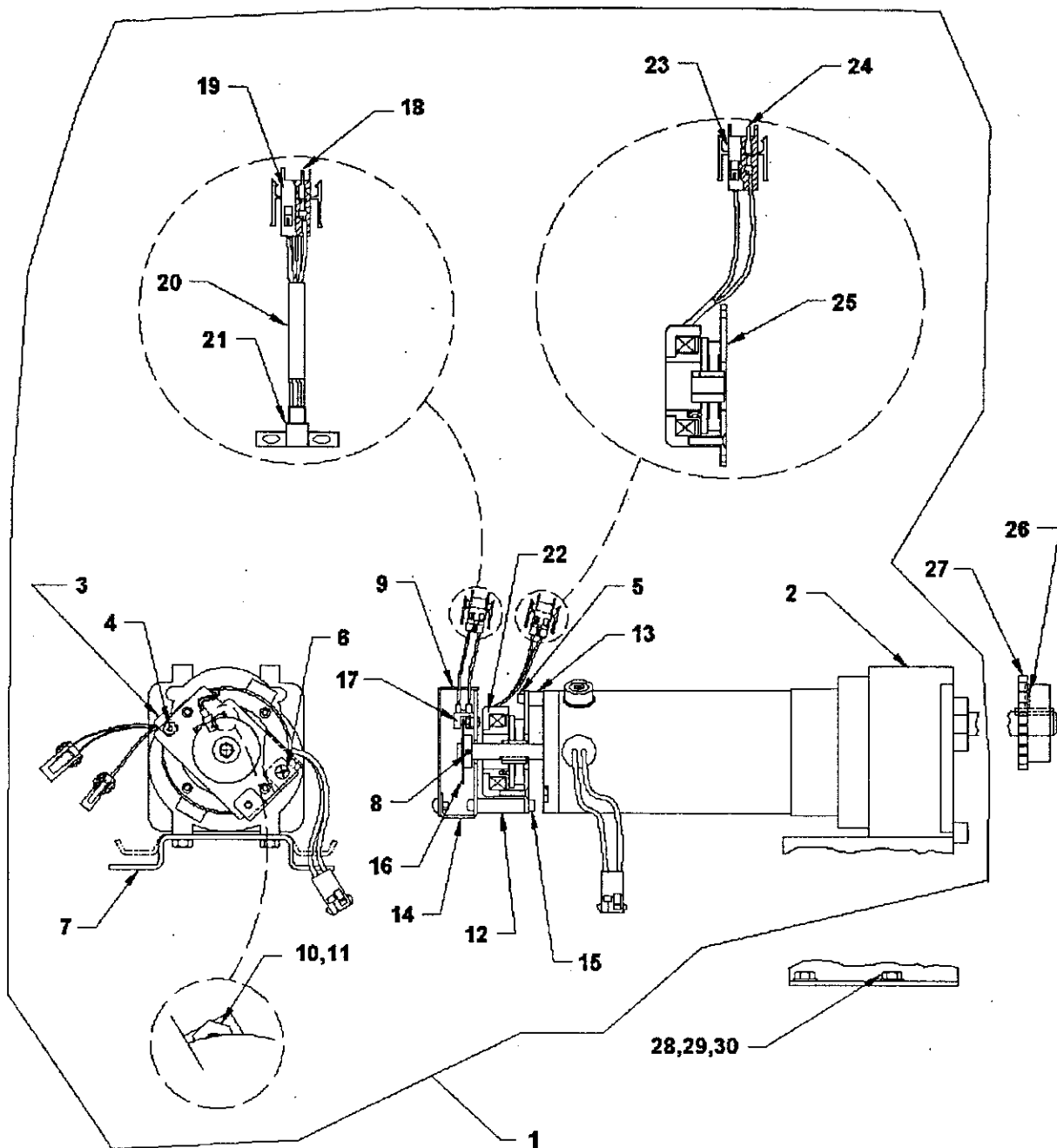
POWDER SPRAY -- COMPRESSOR ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	6813206A*	COMPRESSOR ASSEMBLY	1
2	43466315*	ADAPTOR	1
3	GSTFILTER*	PLASTIC INTAKE FILTER	1
4	112C*	PRESSURE RELIEF VALVE	1

* Contact Airtech

Base

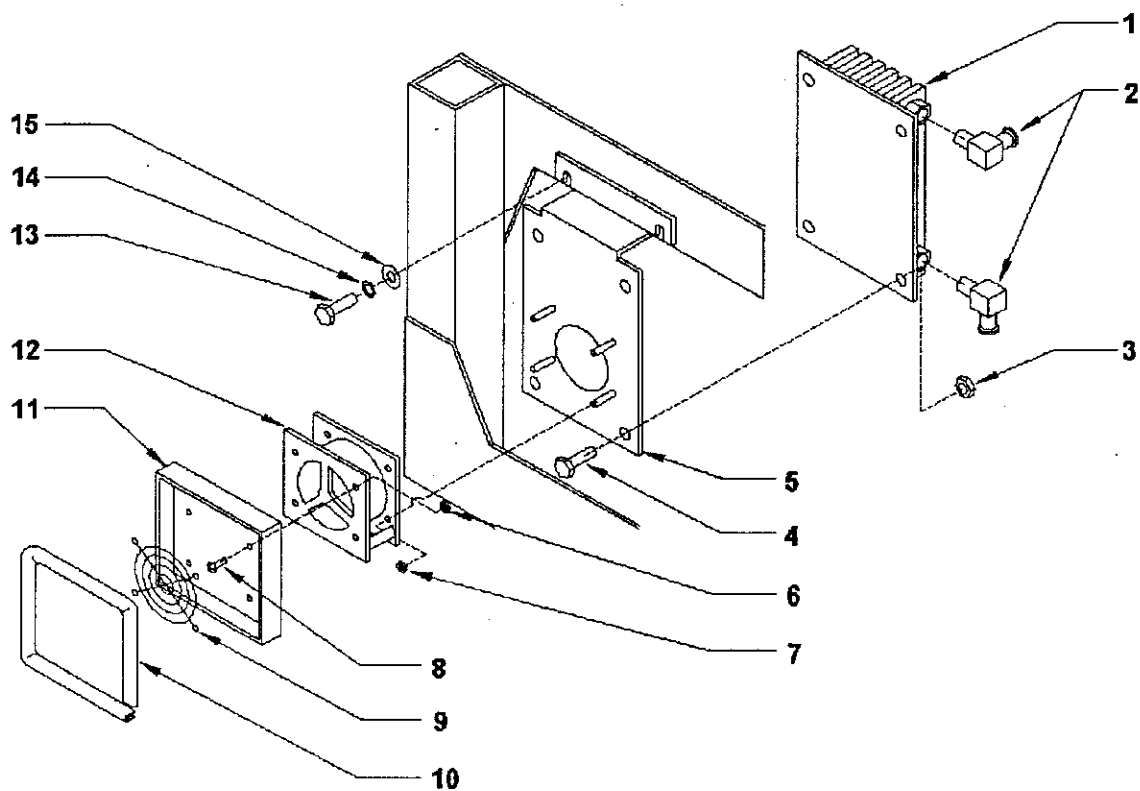
BASE



MOTOR AND POSITION CONTROL ASSEMBLY

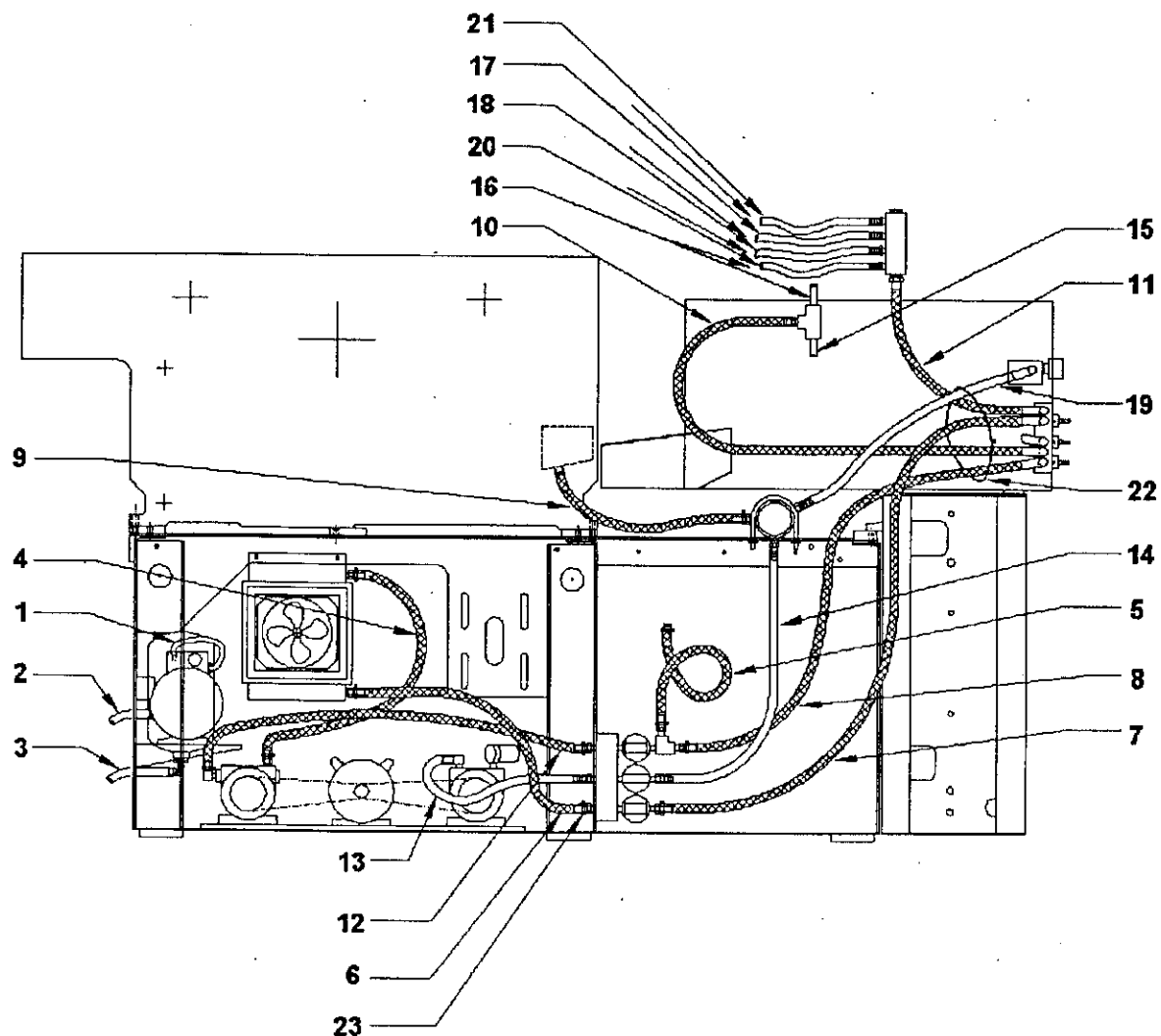
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173425	TABLE LIFT ASSEMBLY GEAR MOTOR	1
2	173426	GEAR MOTOR -- table lift	1
3	250356	CLAMP -- cable	1
4	197416	PIVOT -- snap	2
5	101197	SCREW	2
6	001588	SCREW -- Phillips	2
7	178259	SUPPORT -- gear motor	1
8	014249	SCREW -- set	2
9	173431	COVER -- encoder bracket	1
10	100228	NUT	2
11	110113	SCREW -- Phillips	2
12	173427	STAND OFF	2
13	173428	STAND OFF	2
14	173430	BRACKET -- encoder	2
15	014250	SCREW -- socket head	4
16	180422	DISK ASSEMBLY -- encoder	1
17	178179	SENSOR ASSEMBLY -- encoder	1
18	252527	PIN -- terminal	4
19	253387	CONNECTOR	1
20	251191	SHRINK TUBE -- #5	2
21	254262	SWITCH -- shilded optical	1
22	173441	BRACKET -- gear motor assembly	1
23	253383	CONNECTOR	1
24	253524	PIN -- contact	2
25	173429	BRAKE -- gear motor	1
26	173432	SPROCKET -- #41, 10 teeth	1
27	014180	SCREW -- set	1
28	111073	SCREW	4
29	001731	WASHER -- lock	4
30	005620	WASHER	4

BASE



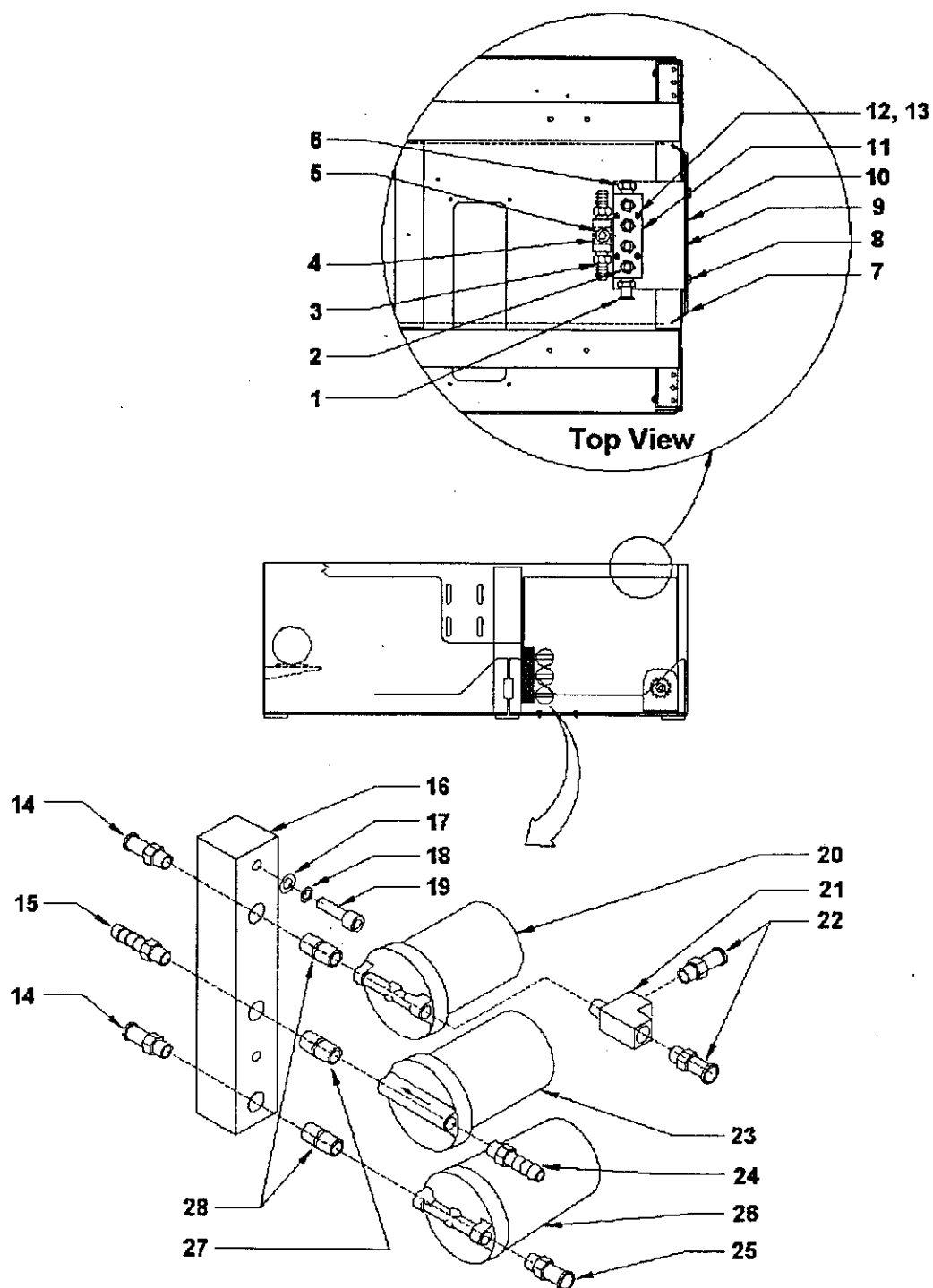
HEAT EXCHANGER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	180963	EXCHANGER -- heat	1
2	197391	BARB -- 5/8 hose, 1/2 npt, 90 degrees	2
3	150085	NUT -- lock, 1/4-28	4
4	111070	SCREW -- 1/4-28 x 7/16"	4
5	172475	PLATE -- mounting, fan	1
6	014812	NUT -- keps, 6-32	4
7	014812	NUT -- keps, 6-32	4
8	102210	SCREW -- pan head, 6-32 x 5/8"	4
9	202475	GUARD -- finger, fan	1
10	172099	GASKET	1
11	172477	SHROUD	1
12	202144	FAN	1
13	111073	SCREW -- 1/4-28 x 5/8"	2
14	001731	WASHER -- lock, .250 i.d., .485 o.d.	2
15	005620	WASHER -- .254 i.d., .625 o.d.	2



TUBING SCHEMATIC

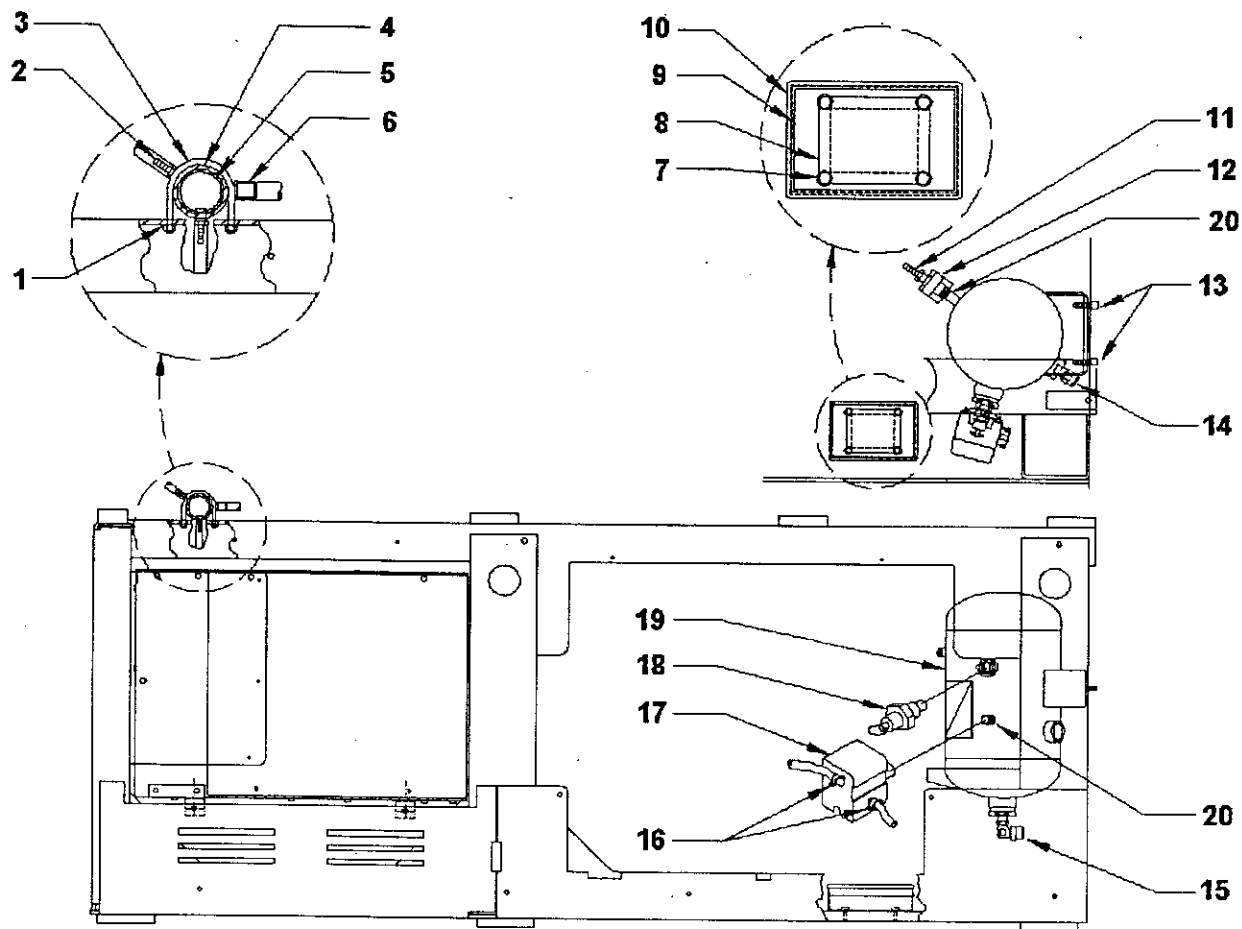
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178400	TUBING -- reinforced, 1/4" i.d., .50 o.d., 16" (sold 1.5')	1
2	172713	TUBING -- black, .25 i.d., .375 o.d., 15" (sold 7.5')	1
3	172713	TUBING -- black, .25 i.d., .375 o.d., 18" (sold 7.5')	1
4	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 14" (sold 21')	1
5	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 36" (sold 21')	1
6	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 21" (sold 21')	1
7	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 41" (sold 21')	1
8	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 32" (sold 21')	1
9	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 14" (sold 21')	1
10	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 30" (sold 21')	1
11	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 23" (sold 21')	1
12	180882	TUBING -- reinforced, 5/8" i.d., .906 o.d., 36" (sold 21')	1
13	178403	TUBING -- clear, 3/8" i.d., 5/8" o.d., 15" (sold 15.5')	1
14	178403	TUBING -- clear, 3/8" i.d., 5/8" o.d., 18" (sold 15.5')	1
15	178403	TUBING -- clear, 3/8" i.d., 5/8" o.d., 44" (sold 15.5')	1
16	178403	TUBING -- clear, 3/8" i.d., 5/8" o.d., 44" (sold 15.5')	1
17	178403	TUBING -- clear, 3/8" i.d., 5/8" o.d., 12" (sold 15.5')	1
18	178403	TUBING -- clear, 3/8" i.d., 5/8" o.d., 12" (sold 15.5')	1
19	178403	TUBING -- clear, 3/8" i.d., 5/8" o.d., 12" (sold 15.5')	1
20	173395	TUBING -- clear, 3/8" i.d., 1/2" o.d., 15" (sold 30.5')	1
21	173395	TUBING -- clear, 3/8" i.d., 1/2" o.d., 15" (sold 30.5')	1
22	250493	TIES -- cable	8
23	072741	CLAMP -- tubing	16



FEEDER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	197330	BARB -- beaded hose, 5/8" i.d.	1
2	197182	BARB -- male connector	4
3	197329	BARB -- hose, 3/8" i.d.	2
4	197331	TEE -- 3/8" npt	1
5	197330	BARB -- beaded hose, 5/8" i.d.	1
6	196973	PLUG -- pipe	1
7	172479	PLATE -- face	1
8	111070	SCREW -- 1/4-28 x 7/16"	2
9	172478	BRACKET -- blower manifold	1
10	172479	PLATE -- face	1
11	179808	MANIFOLD	1
12	110057	SCREW -- pan head, 8-32 x 1 1/2"	4
13	150081	NUT -- lock, 8-32	4
14	197333	BARB -- 5/8" i.d., beaded hose to 1/2 npt	2
15	197329	BARB -- 3/8" i.d., hose to 3/8 npt	1
16	172480	MANIFOLD -- filter	1
17	005620	WASHER -- .254 i.d., .625 o.d.	2
18	001731	WASHER -- lock, .250 i.d., .485 o.d.	2
19	014304	SCREW -- 1/4-28 x 1 1/2"	2
20	172715	JAR -- filter, metal	1
21	197401	TEE -- street, 1/2" npt	1
22	197333	BARB -- beaded hose, 5/8" i.d.	2
23	172714	JAR -- filter, plastic	1
24	197329	BARB -- hose, 3/8" i.d.	1
25	197333	BARB -- beaded hose, 5/8" i.d.	1
26	172715	JAR -- filter, metal	1
27	197392	NIPPLE -- close	1
28	197334	NIPPLE -- close, 1/2" npt	2

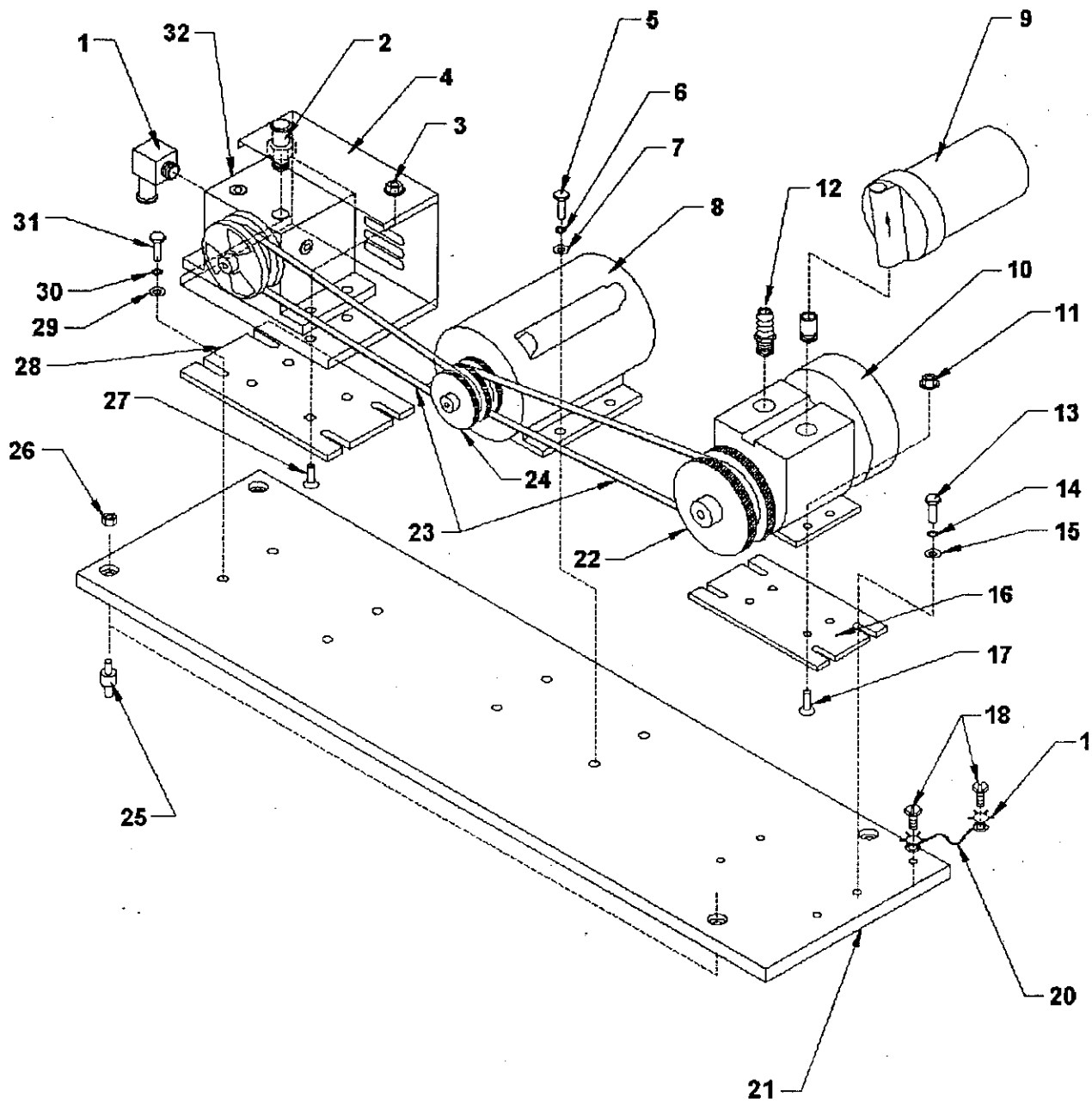
BASE



TANK ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	001710	WASHER -- lock, .320 i.d., .570 o.d.	2
2	197182	BARB -- connector, male	2
3	178778	"U" BOLT AND NUT	2
4	178780	RESERVOIR -- vacuum stroker	1
5	178781	PLUG	2
6	197330	BARB -- beaded hose, 5/8" i.d.	1
7	111070	SCREW -- 1/4-28 x 7/16"	4
8	172825	SCREEN -- base	1
9	173155	SHROUD -- filter	1
10	173156	GASKET -- material 180981	1
11	101537	FITTING	1
12	179740	VALVE -- check	1
13	014304	SCREW -- cap, 1/4-28	2
14	197395	FITTING -- male	1
15	197396	FITTING -- elbow, male	1
16	251374	CONNECTOR	2
17	253916	SWITCH -- pressure	1
18	179767	VALVE -- safety, tank	1
19	173602	VESSEL -- pressure tank (173602)	1
20	101440	NIPPLE -- #4	2

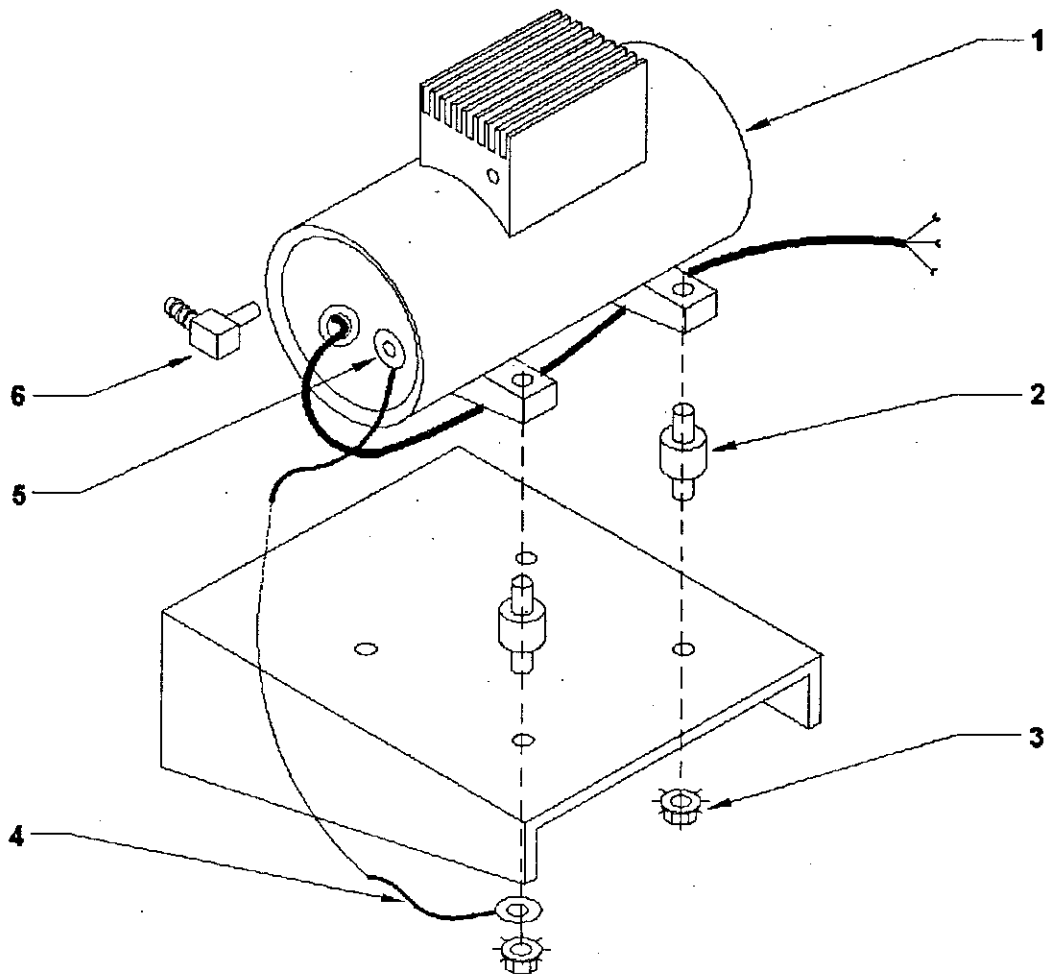
BASE



FEEDER PUMP AND COMPRESSOR ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	197391	BARB -- 5/8" hose, 1/2" npt, 90 degrees	1
2	197333	BARB -- beaded hose, 5/8" i.d.	1
3	102258	NUT -- 5/16-18	4
4	173367	GUARD -- wire and fan	1
5	111089	SCREW -- 5/16-24 x 5/8"	4
6	001710	WASHER -- lock, .320 i.d., .570 o.d.	4
7	014784	WASHER -- .328 i.d., .812 o.d.	4
8	172555	MOTOR -- air vacuum	1
9	172714	JAR -- filter	1
10	172702	PUMP -- vacuum	1
11	014807	NUT -- 1/4-28	4
12	197329	BARB -- hose, 3/8" i.d.	1
13	111073	SCREW -- 1/4-28 x 5/8"	4
14	001731	WASHER -- lock, .250 i.d., .485 o.d.	4
15	005620	WASHER -- .254 i.d., .625 o.d.	4
16	172482	PLATE	1
17	100586	SCREW -- 1/4-28 x 1"	4
18	122661	SCREW -- 10-32 x 3/8"	2
19	001706	WASHER -- lock, .199 i.d., .400 o.d.	2
20	172666	WIRE -- ground strap	2
21	172481	PLATE -- base compressor	1
22	197351	PULLEY	1
23	172484	"V" BELT	2
24	197350	PULLEY -- two groove	1
25	172485	INSULATOR	4
26	001833	NUT -- 1/4-20	4
27	102222	SCREW -- 5/16-18 x 1 1/8"	4
28	172483	PLATE	1
29	005620	WASHER -- .254 i.d., .625 o.d.	4
30	001731	WASHER -- lock, .250 i.d., .485 o.d.	4
31	111073	SCREW -- 1/4-28 x 5/8"	4
32	172510	COMPRESSOR	1

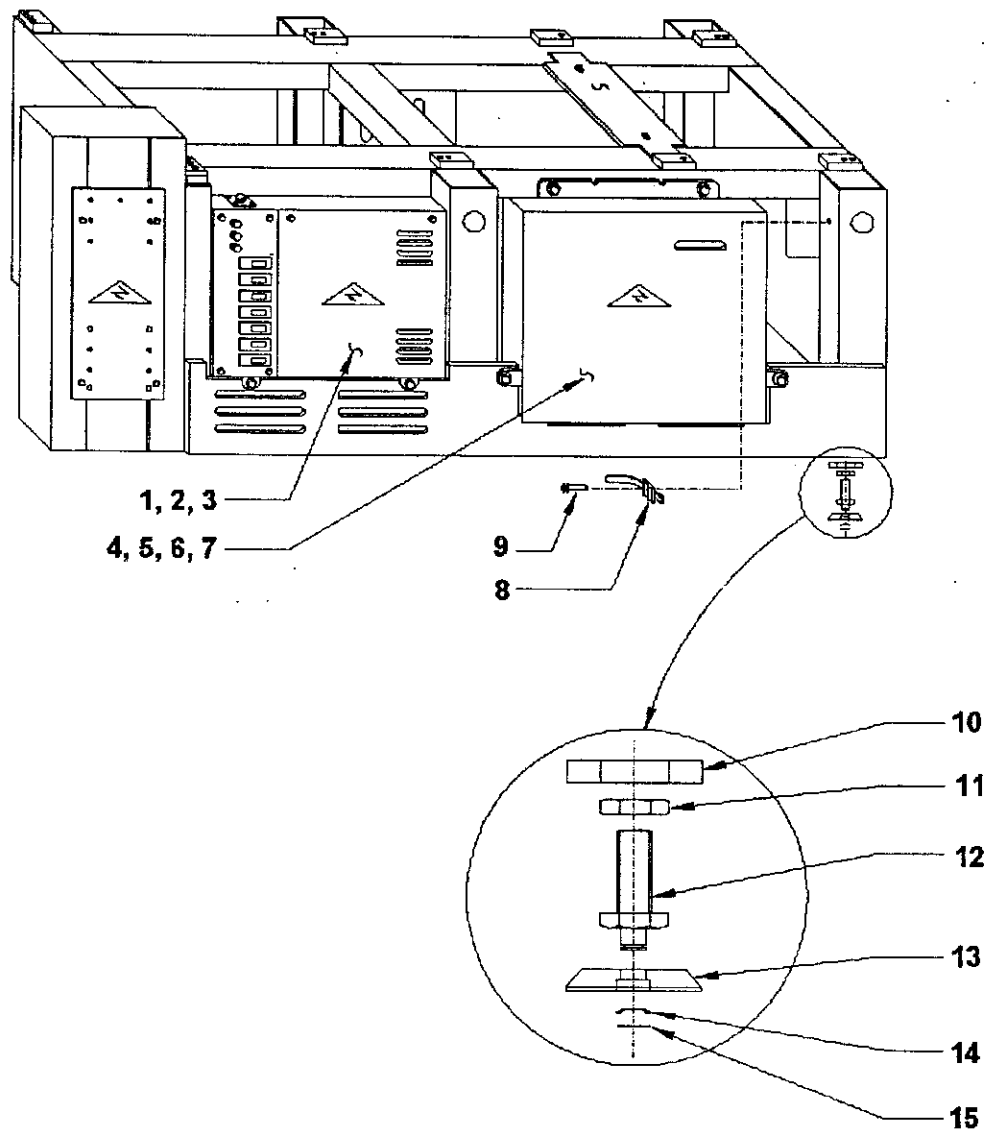
BASE



PNEUMATIC AIR COMPRESSOR

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172499	COMPRESSOR	1
2	172498	ISOLATOR -- vibration	4
3	014808	NUT -- 10-32	4
4	172666	WIRE -- ground strap	1
5	001706	WASHER -- lock, .199 i.d., .400 o.d.	1
6	196980	BARB -- elbow, male	1

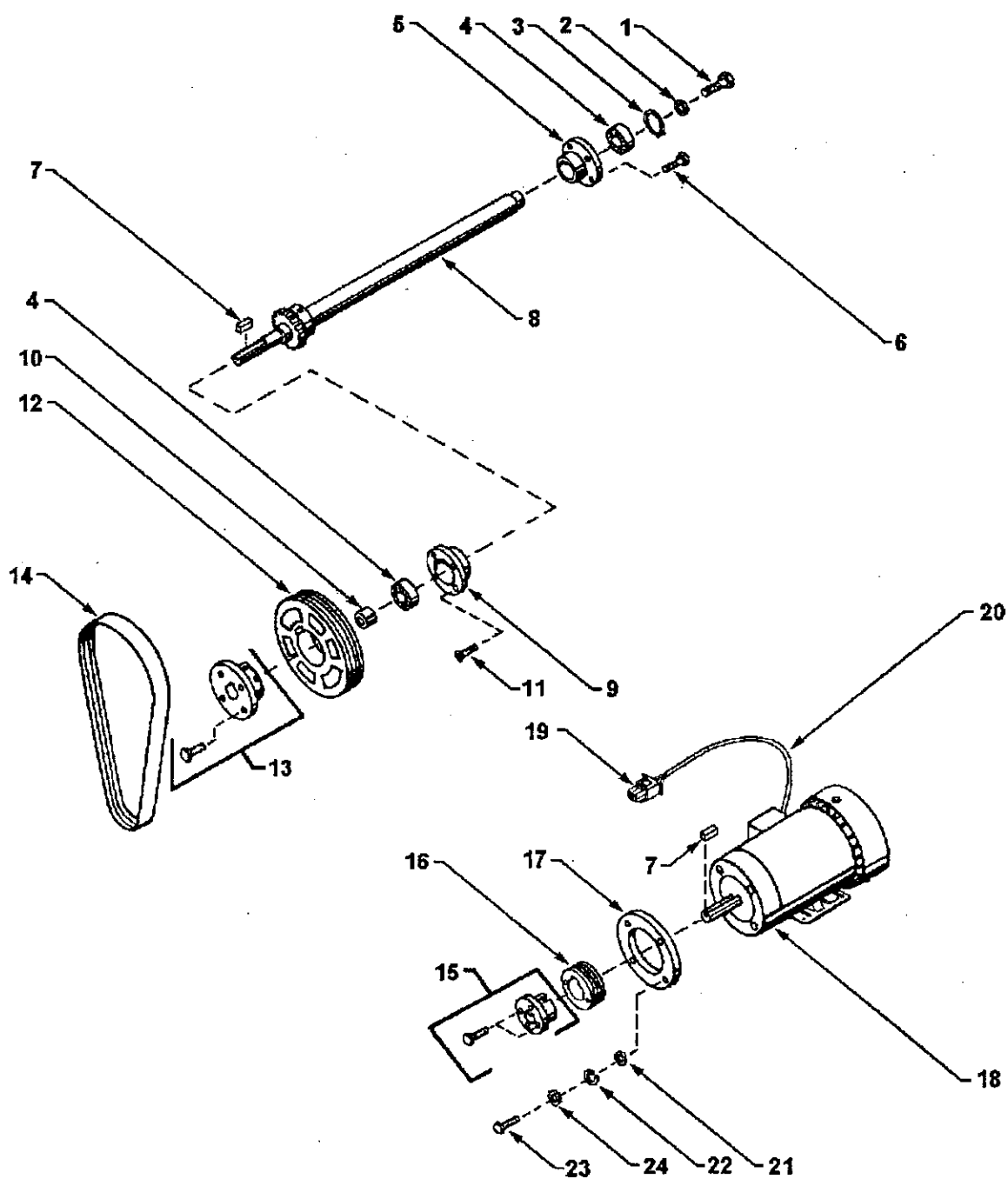
BASE



BASE ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173405	DISTRIBUTION BOX -- empty	1
2	173409	DISTRIBUTION BOX -- complete	1
3	111068	SCREW -- 1/4-28 x 5/16"	4
4	173424	CONTROL BOX -- complete	1
5	173423	CONTROL BOX -- empty	1
6	016572	WASHER -- .255 i.d., .875 o.d.	4
7	111070	SCREW -- 1/4-28 x 7/16"	4
8	254530	CRADLE	10
9	197416	PIN -- mounting, cradle	10
10	102260	WASHER -- .765 i.d., 1.5 o.d.	6
11	102255	NUT -- hex, 3/4 x 10	6
12	173211	STUD	6
13	081879	GLIDER	6
14	196927	WASHER -- .376 i.d., .755 o.d.	6
15	001047	RING -- snap	6

BASE

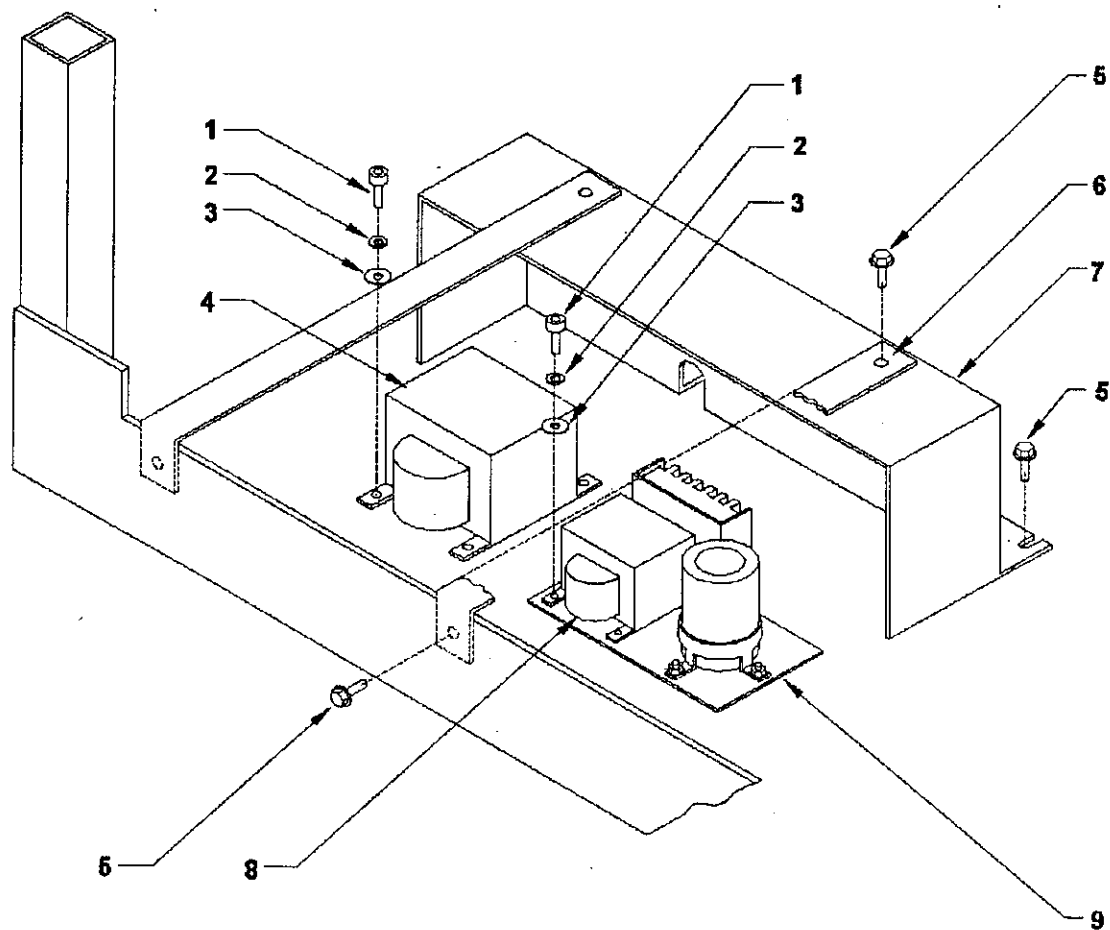


DRIVE MOTOR

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	102254	SCREW -- 5/16-24 x 1"	1
2	196955	WASHER -- .381 i.d., 1.000 o.d.	1
3	001065	RETAINING RING -- internal, 2.089 o.d. x .065	1
4	102238	BALL BEARING	2
5	173048	HOUSING -- bearing, nos	1
6	111075	SCREW -- 1/4-28 x 7/8"	3
7	197010	KEY -- pulley	3
8	172588	SHAFT ASSEMBLY -- main drive	1
9	173047	HOUSING -- main drive shaft, os	1
10	196956	SPACER -- sleeve	1
11	100586	SCREW -- 1/4-28 x 1"	3
12	180378	SHEAVE -- 10.6 p.d.	1
13	180379	BUSHING -- 10.06 sheave	1
14	180380	BELT -- "V" drive	1
15	180377	BUSHING -- 2.12 sheave	1
16	180376	SHEAVE -- 2.12 p.d.	1
17	179489	RING -- adaptor	1
18	172681	MOTOR -- drive	1
19	253815	CONNECTOR	1
20	178307	HARNESS	1
21	192766	WASHER -- plain, .385 i.d., .750 o.d.	4
22	001763	WASHER -- lock, .382 i.d., .673 o.d.	4
23	101869	SCREW -- 3/8-16 x 1"	4
24	101774	WASHER -- bottom left bolt only	1

Electrical

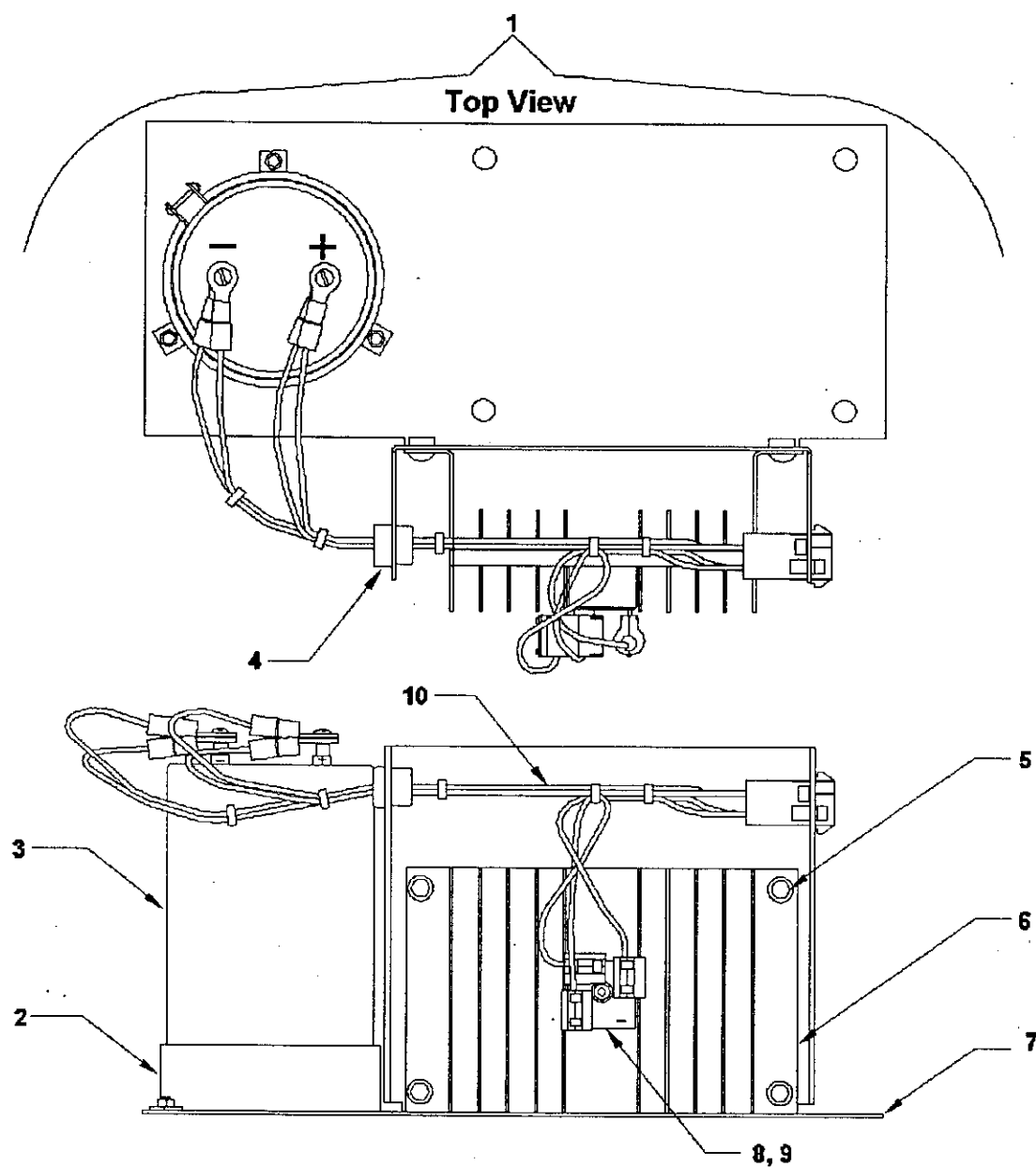
ELECTRICAL



TRANSFORMER

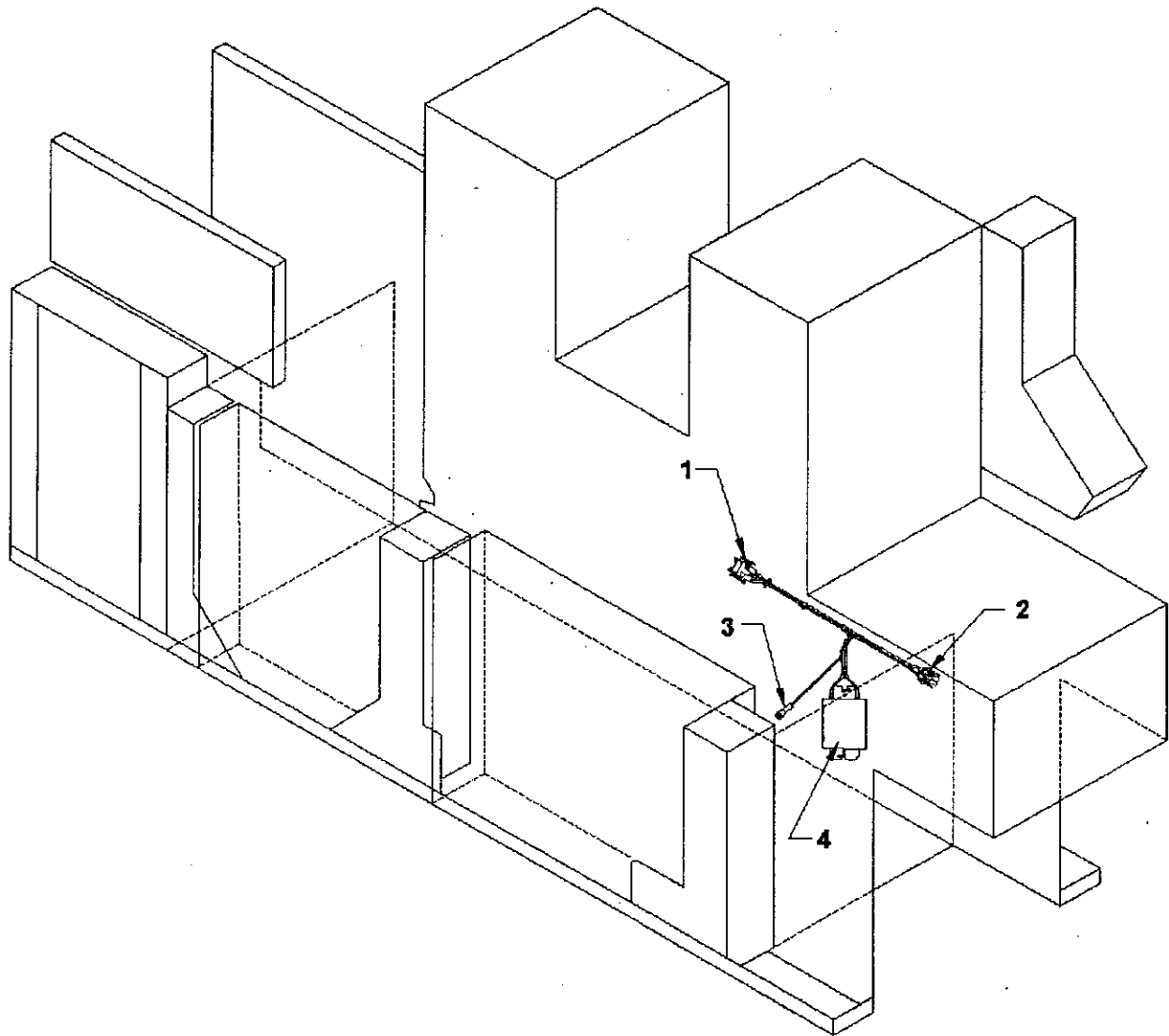
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	101626	SCREW -- 1/4-28 x 5/8"	7
2	001731	WASHER -- lock, .250 i.d., .485 o.d.	7
3	005620	WASHER -- .254 i.d., .625 o.d.	7
4	172557	TRANSFORMER -- main power	1
5	111070	SCREW -- 1/4-28 x 7/16"	8
6	178994	CHANNEL	1
7	178993	CHANNEL -- distribution box	1
8	253914	TRANSFORMER -- drive motor	1
9	172556	BRIDGE -- capacitor assembly	1

ELECTRICAL



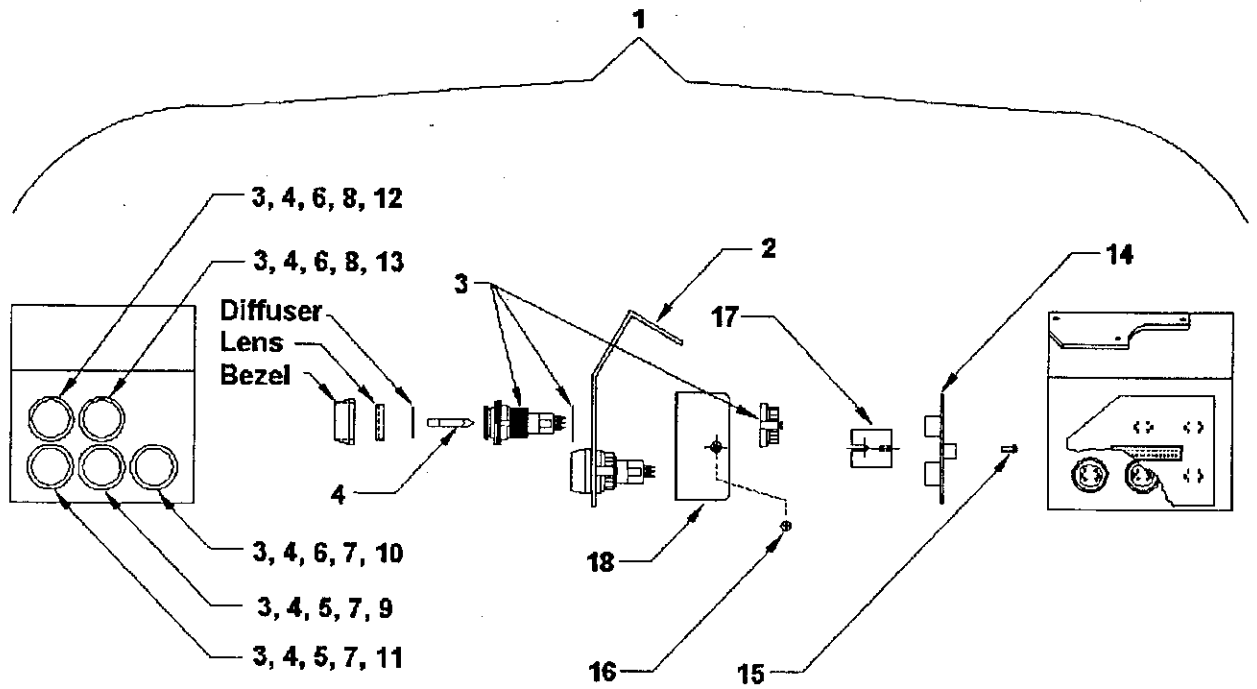
BRIDGE CAPACITOR ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172556	BRIDGE CAPACITOR ASSEMBLY	1
2	254163	BRACKET -- capacitor	1
3	254162	CAPACITOR	1
4	251520	BUSHING	1
5	001693	SCREW -- 8-32 x 1/4"	4
6	178366	HEAT SINK -- tapped	1
7	172559	BRACKET ASSEMBLY -- heat sink	1
8	254154	BRIDGE -- full wave, 30 amp	1
9	101193	SCREW -- 8-32 x 5/8"	1
10	172564	BRIDGE CAPACITOR HARNESS -- J4001, 6 ckt., from main trans.	1



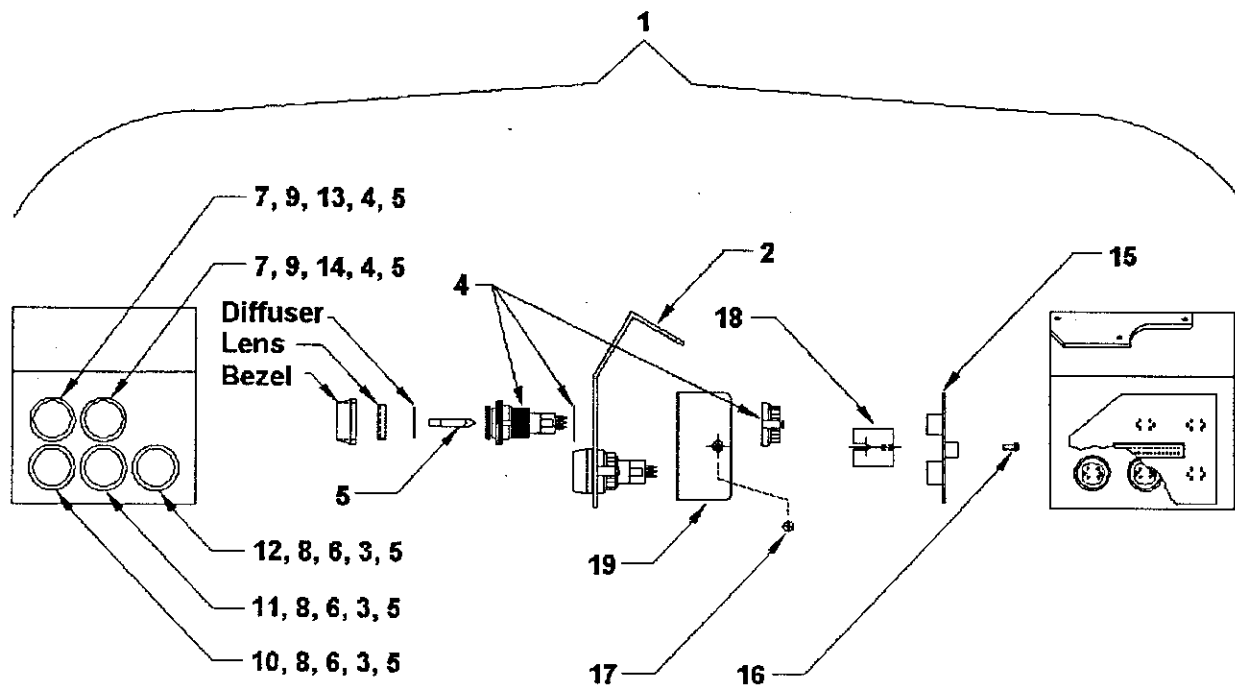
BALLAST TRANSFORMER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	252793	HOUSING CONNECTOR -- 3 circuit, P5032, to power in	1
2	253384	CONNECTOR -- 2 circuit, P5033, to lamp	1
3	200730	TERMINAL -- ring, ground connection	1
4	254379	BALLAST TRANSFORMER	1



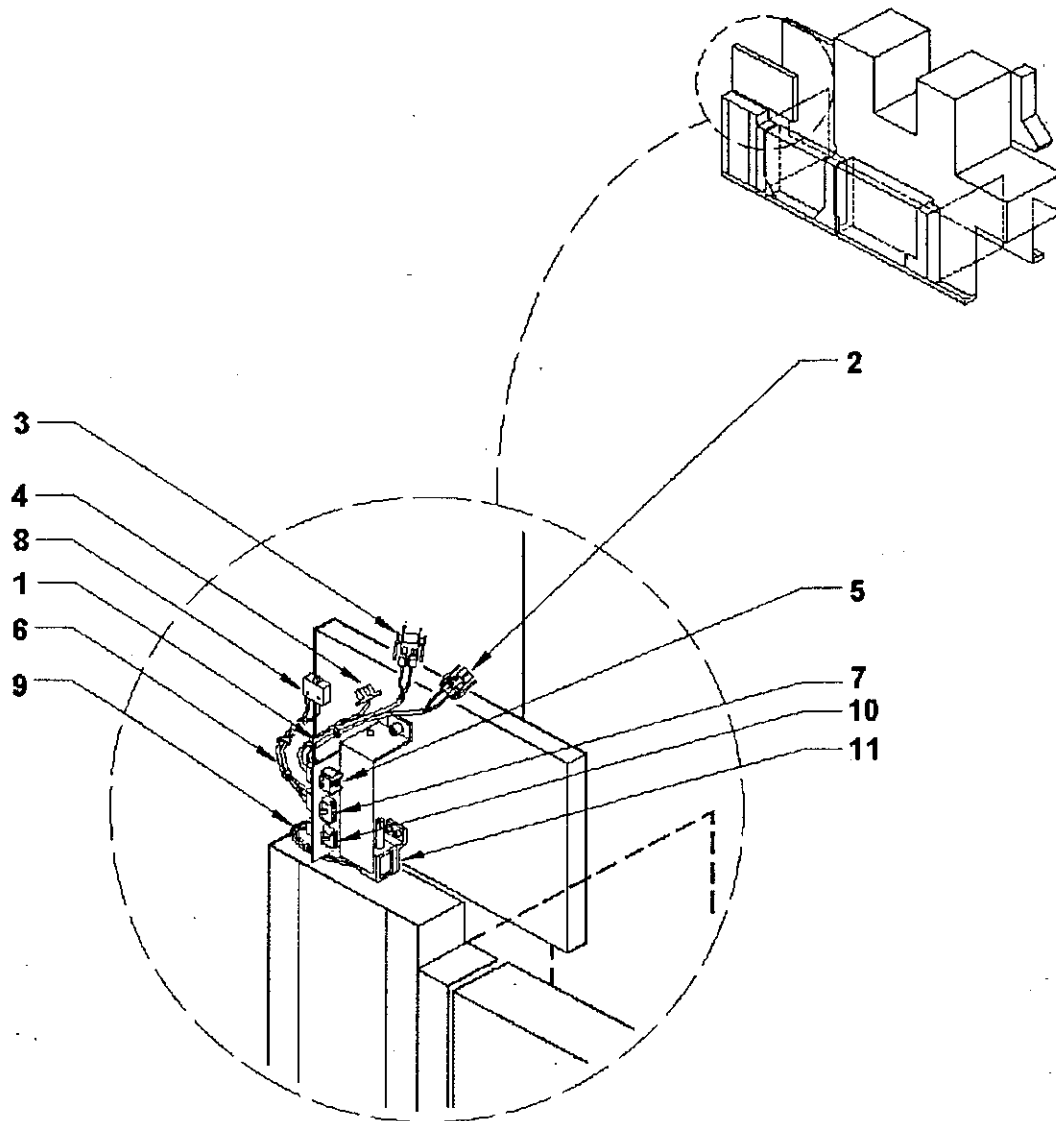
FEEDER SWITCH PANEL ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178884	FEEDER SWITCH PANEL ASSEMBLY	1
2	178371	BRACKET -- inter-tower switch	1
3	253864	SWITCH -- momentary push button	5
4	253868	LAMP -- 12V	5
5	253866	BEZEL	3
6	253865	BEZEL -- raised style	2
7	253861	LENS -- yellow	3
8	253862	LENS -- clear	2
9	254191	DIFFUSER -- feed	1
10	253863	DIFFUSER -- blank	1
11	254193	DIFFUSER -- pump	1
12	254194	DIFFUSER -- raise	1
13	254195	DIFFUSER -- lower	1
14	173230	PC BOARD ASSEMBLY	1
15	100222	SCREW -- thread forming	1
16	100297	SCREW -- 6-32, machine	1
17	173383	BLOCK -- mounting	1
18	173384	BRACKET	1



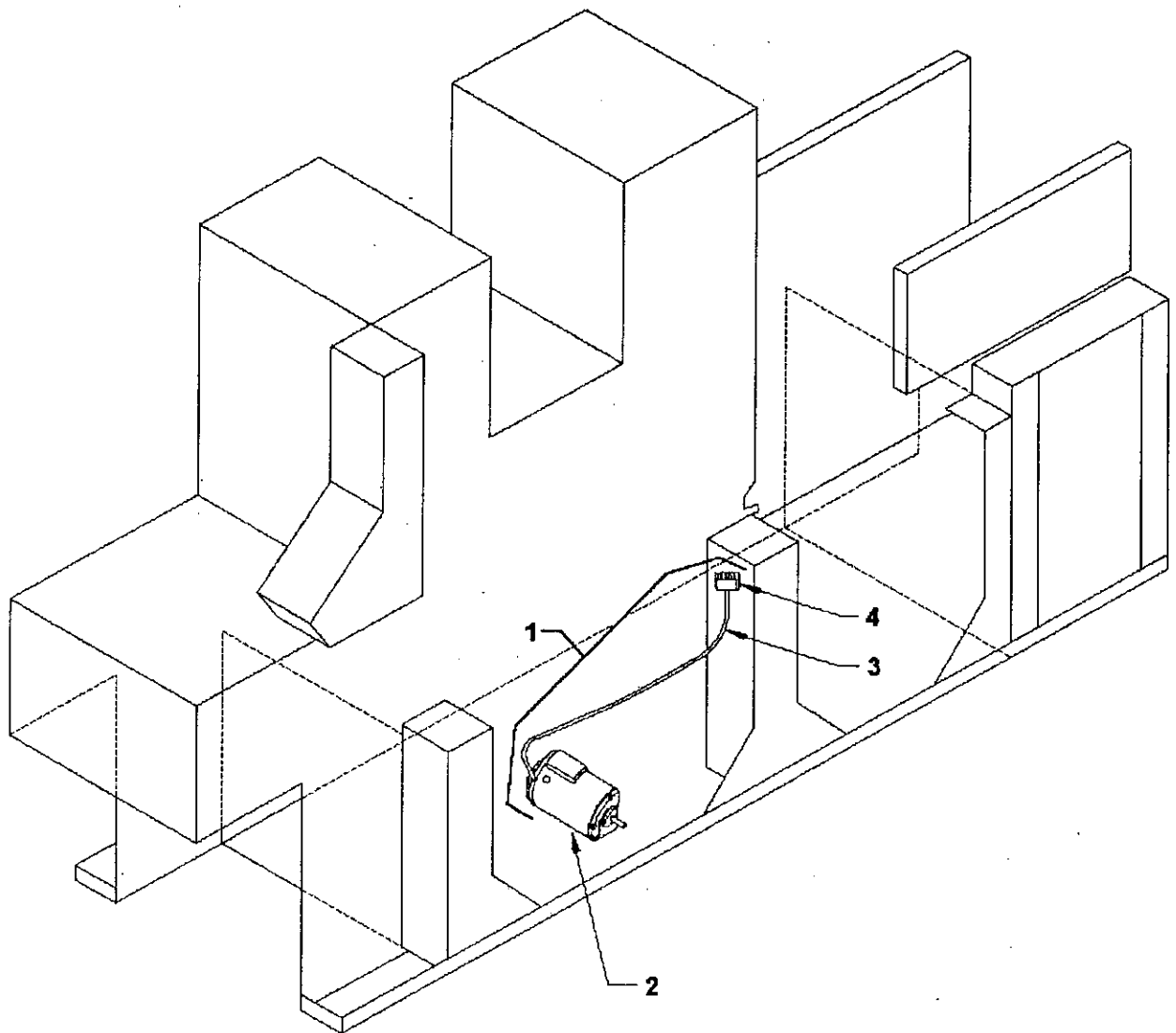
INTER-TOWER SWITCH PANEL ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	178883	INTER-TOWER SWITCH PANEL ASSEMBLY	1
2	178371	BRACKET -- inter-tower switch	1
3	253864	SWITCH -- momentary push button.	3
4	254205	SWITCH -- momentary push button.	2
5	253868	LAMP -- 12V	5
6	253866	BEZEL	3
7	253865	BEZEL -- raised style	2
8	253861	LENS -- yellow	3
9	253860	LENS -- orange	2
10	254184	DIFFUSER -- water	1
11	254185	DIFFUSER -- ink	1
12	254186	DIFFUSER -- image	1
13	254189	DIFFUSER -- forward inch	1
14	254190	DIFFUSER -- reverse inch	1
15	173228	PC BOARD ASSEMBLY	1
16	100222	SCREW -- thread forming	1
17	100297	SCREW -- 6-32, machine	1
18	173383	BLOCK -- mounting	1
19	173384	BRACKET	1



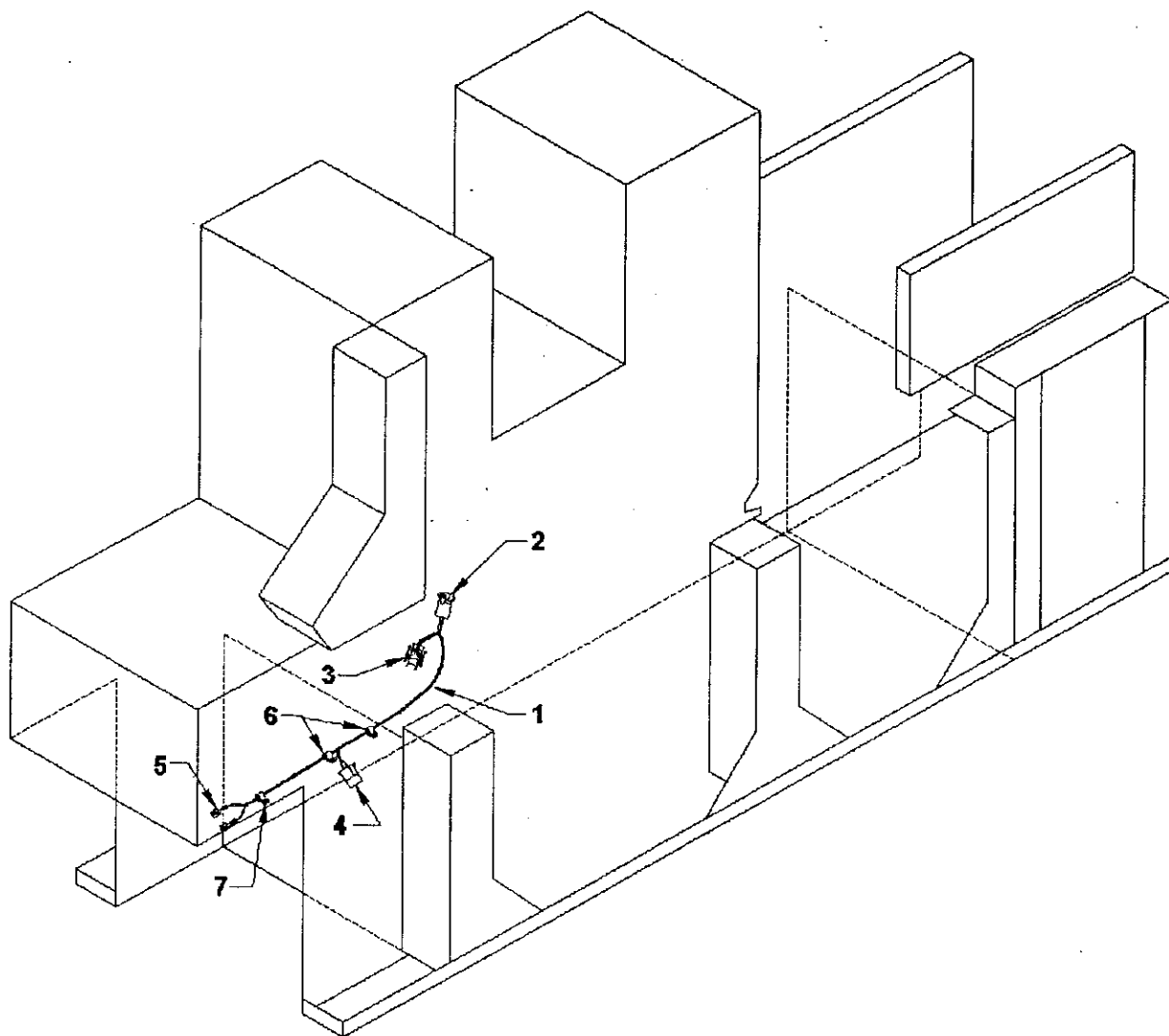
FEEDER WIRING

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172995	FEEDER SENSOR INTERCONNECT HARNESS	1
2	253384	P5013 -- connector, 2 circuit, to doubles transmitter	1
3	253383	J5014 -- connector, 2 circuit, to doubles receiver	1
4	252787	SENSOR -- switch, feed table height	1
5	253393	J5010 -- connector, 12 circuit	1
6	172996	FEED TABLE LIMIT SWITCH HARNESS	1
7	252387	J9901 -- connector, 2 circuit	1
8	253822	SWITCH -- feed table limit	1
9	172997	BAIL BAR SOLENOID HARNESS	1
10	253287	J5051 -- connector, 2 circuit	1
11	253375	SOLENOID -- bail bar	1



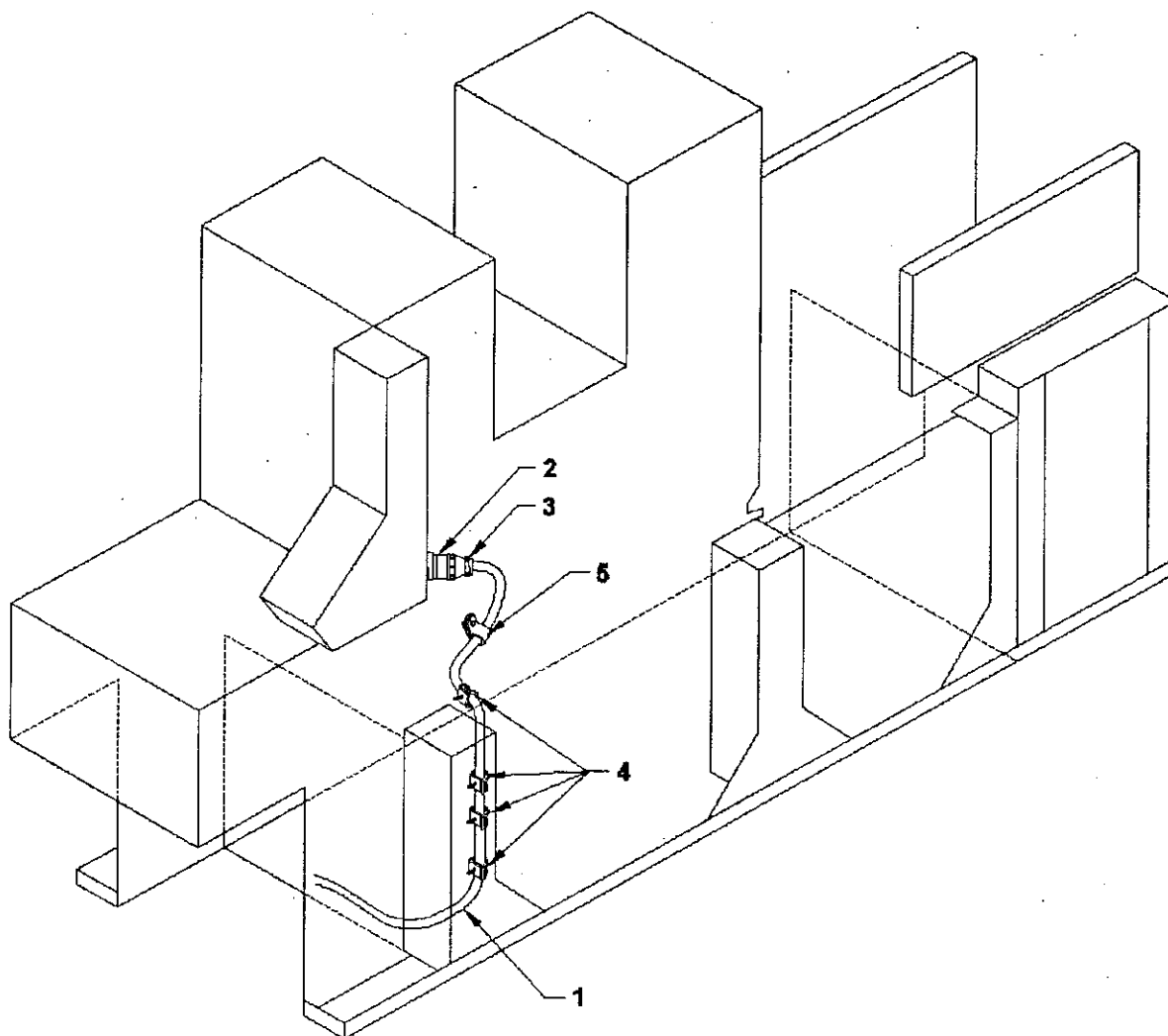
AIR/VACUUM POWER CORD

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172555	AIR/VACUUM MOTOR ASSEMBLY -- for reference only	1
2	017858	MOTOR	1
3	172560	AIR/VACUUM POWER CORD	1
4	253328	P3602 -- 5 circuit	1



POWDER SPRAY CHAIN DELIVERY HARNESS

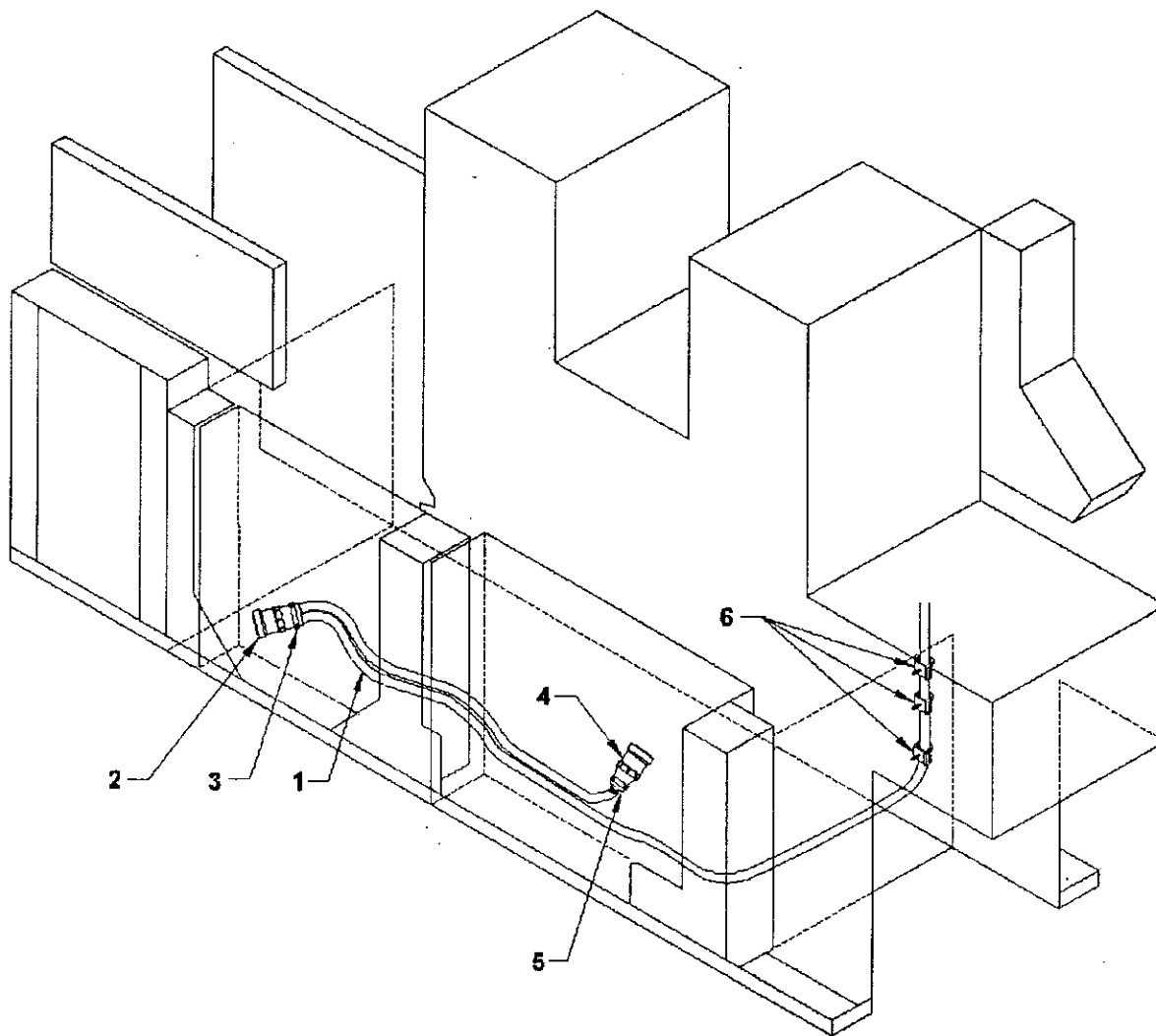
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172985	HARNESS -- powder spray chain delivery	1
2	253287	P9902 -- connector, 2 circuit	1
3	253387	P9701 -- connector, 4 circuit	1
4	250586	P9905 -- connector, 3 circuit	1
5	250920	L28-1; L28-2 -- to powder spray terminal o/f	2
6	250356	CLAMP -- cable, 2"	2
7	250273	CLAMP --cable, 7/16"	1



DC POWER CABLE ASSEMBLY (OS)

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172986	DC POWER CABLE ASSEMBLY -- os	1
2	254157	J7102 -- plug, 7 circuit	1
3	254160	CLAMP -- cable	1
4	250077	TIE WRAP	4
5	254472	CLAMP -- cable, 5/8"	1

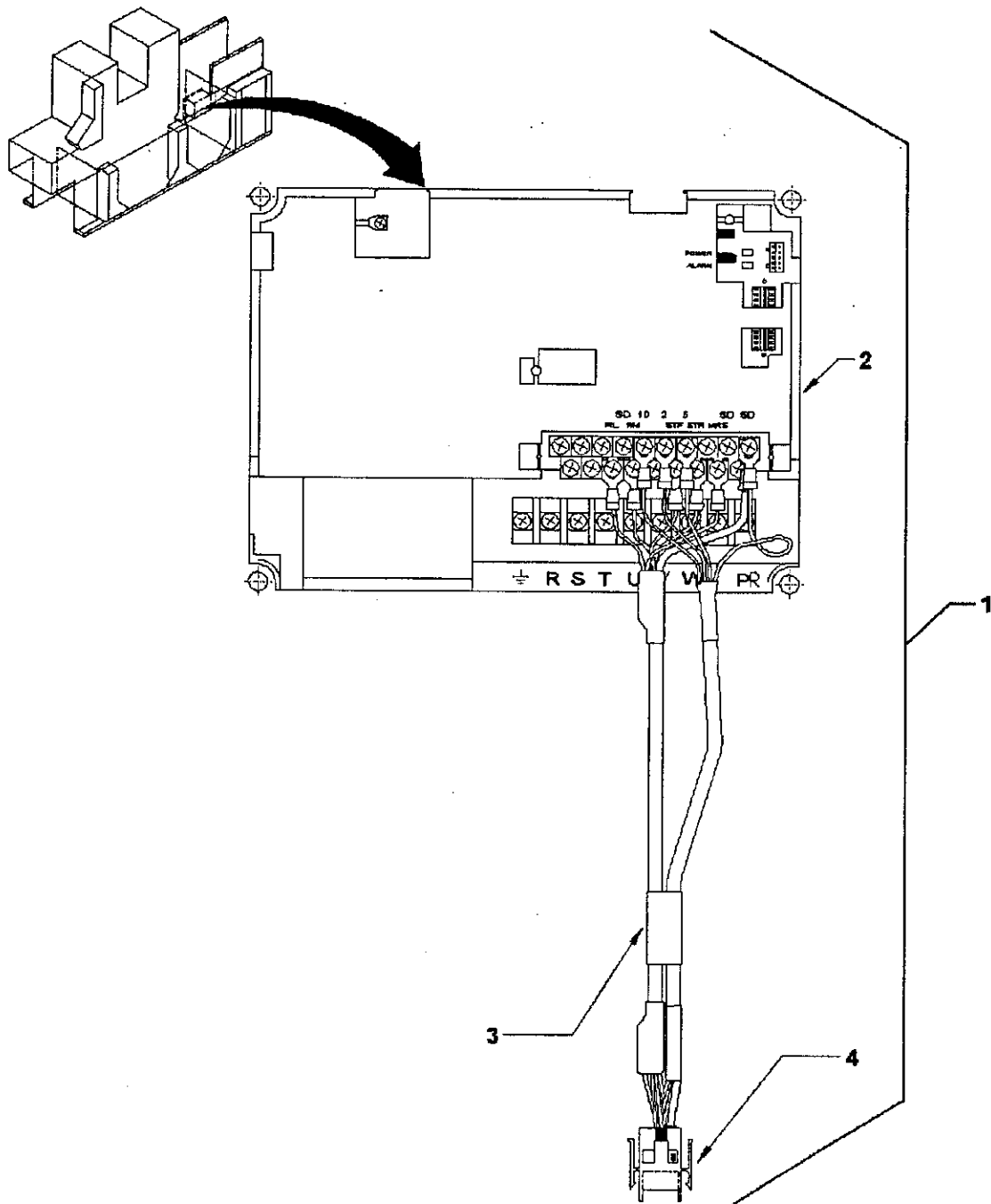
ELECTRICAL



DC POWER CABLE ASSEMBLY (NOS)

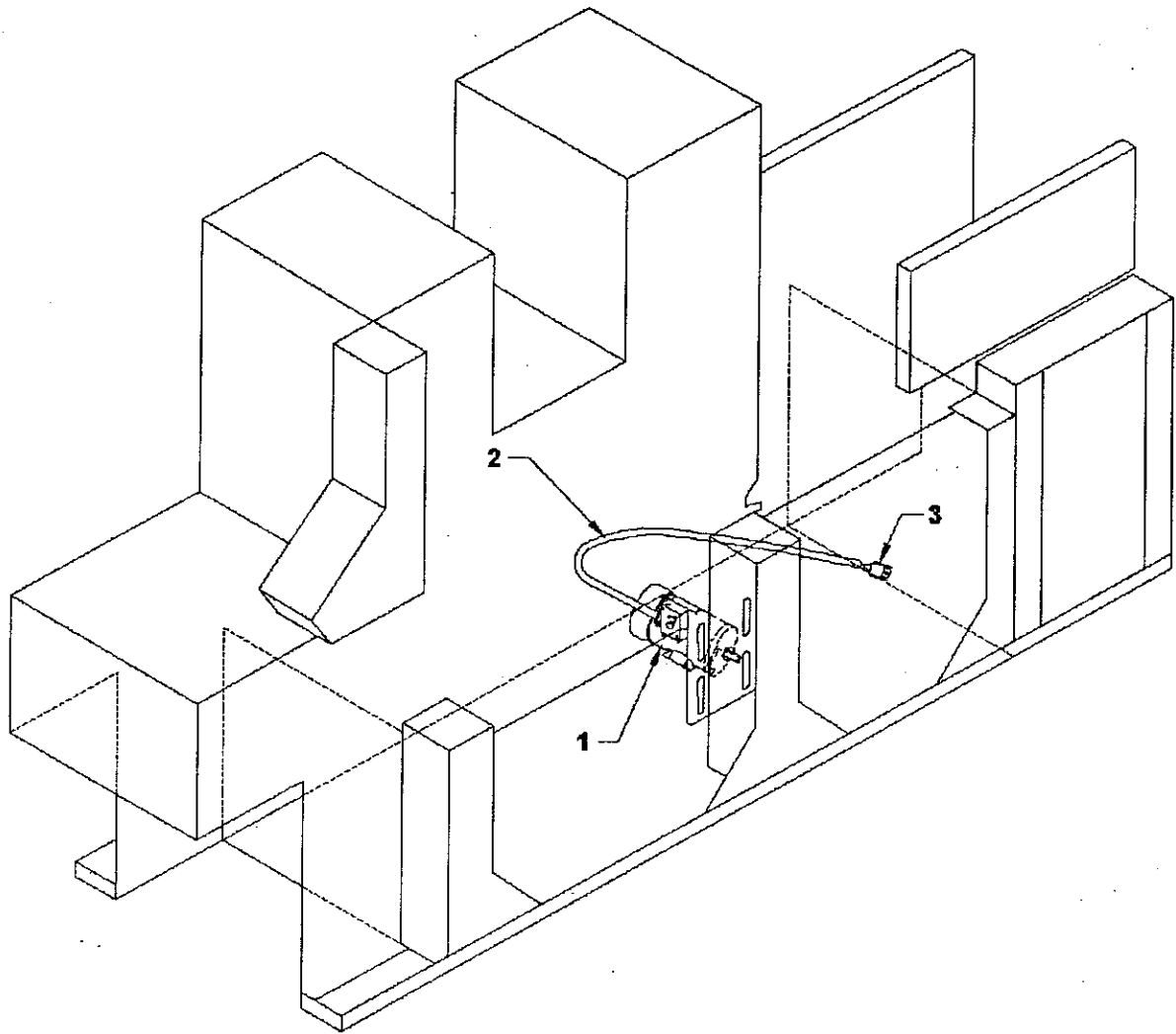
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172986	DC POWER CABLE ASSEMBLY -- nos	1
2	254157	P3606 -- 7 circuit, from distribution box	1
3	254161	CLAMP -- cable	1
4	254157	P4403 -- 7 circuit, to control box	1
5	254160	CLAMP -- cable	2
6	250077	TIE WRAP	3

ELECTRICAL



INVERTER ASSEMBLY

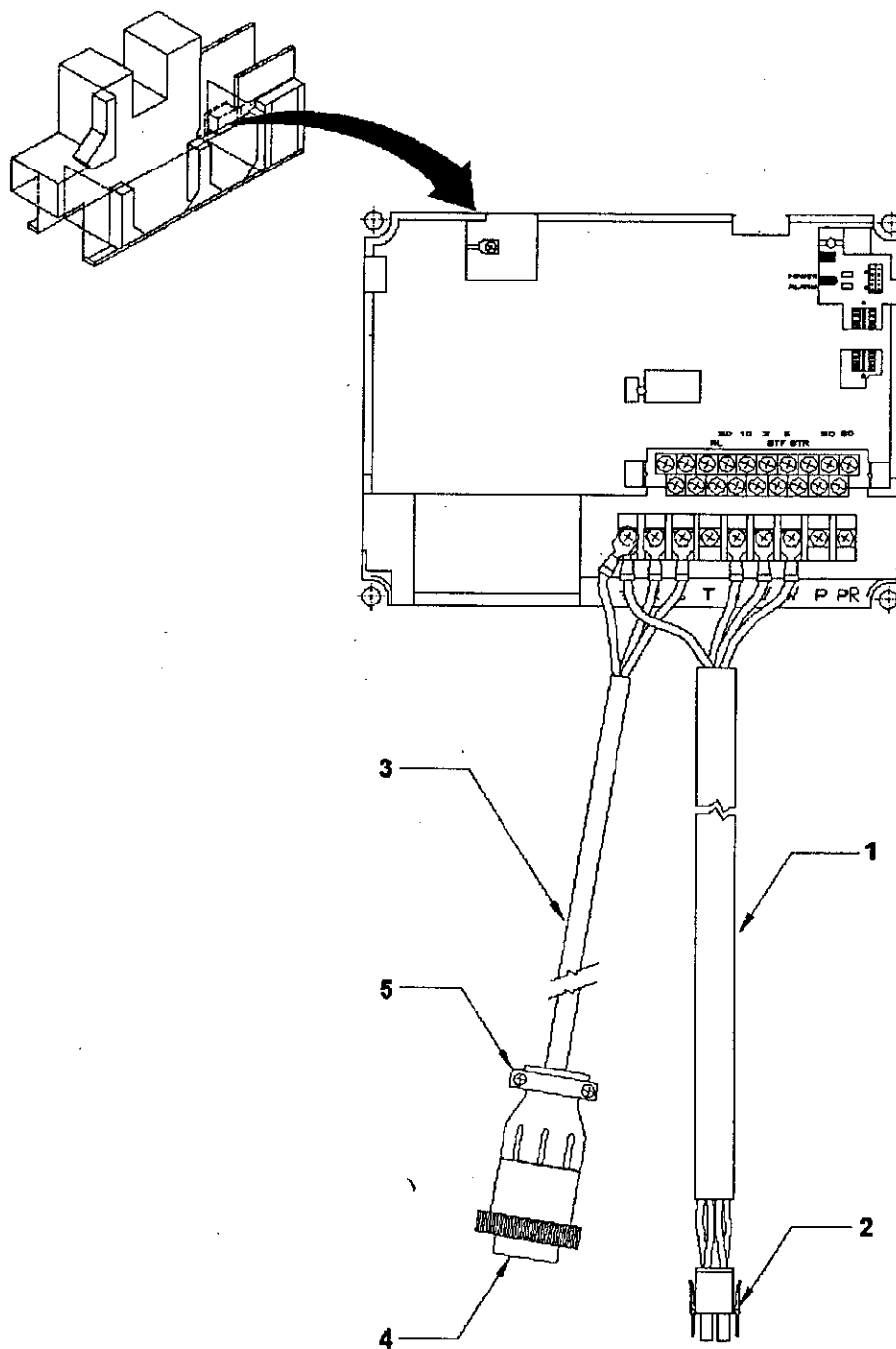
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173480	DRIVE MOTOR INVERTER ASSEMBLY	1
2	172455	INVERTER -- drive motor	1
3	173418	HARNESS -- drive motor inverter control signal	1
4	253393	J5005 -- connector, 12 circuit	1



INCH MONITOR -- DRIVE MOTOR CABLE

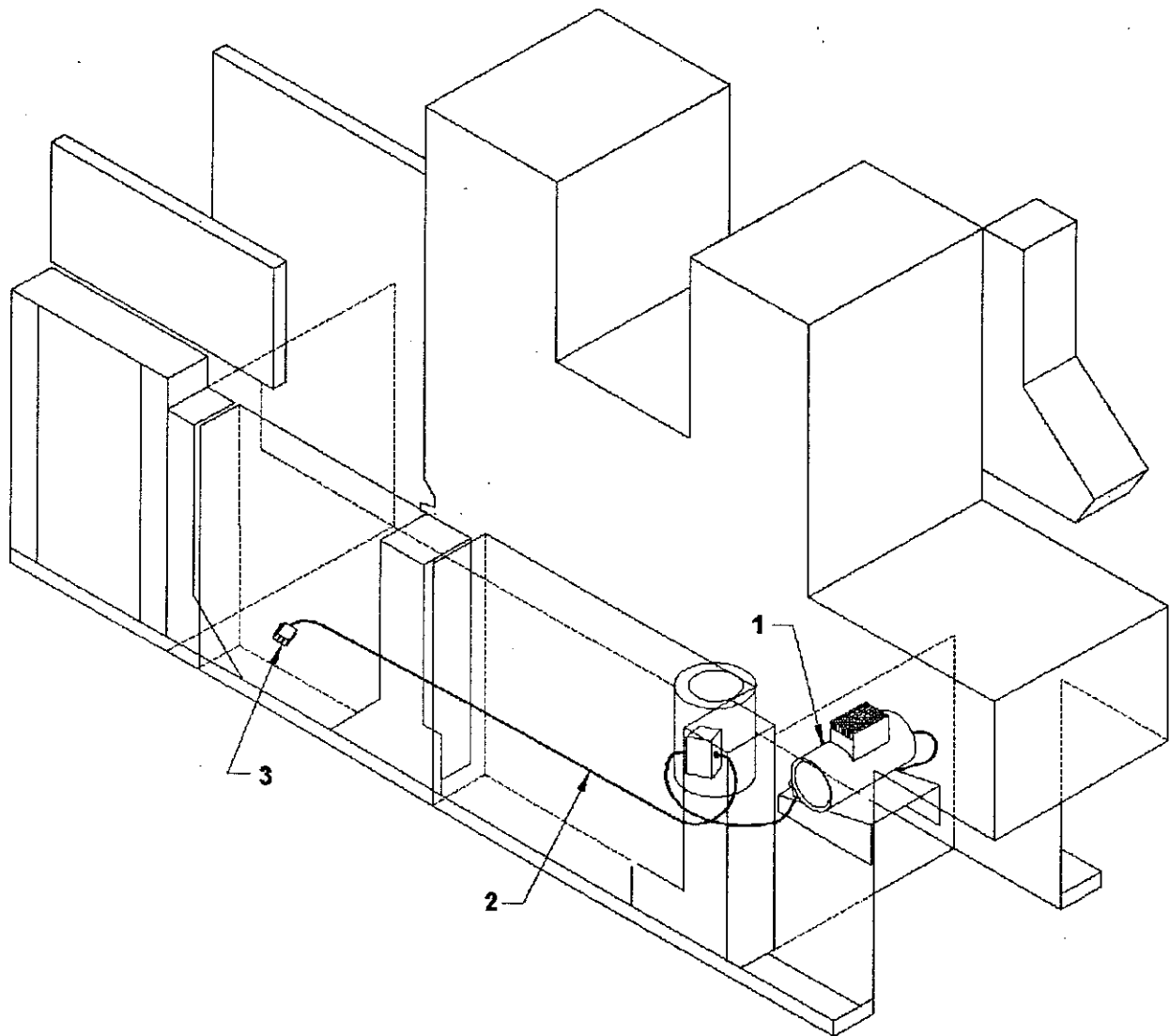
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	253911	DRIVE MOTOR	1
2	178307	CABLE -- inch monitor, drive motor	1
3	253303	P4408 -- 6 circuit	1

ELECTRICAL



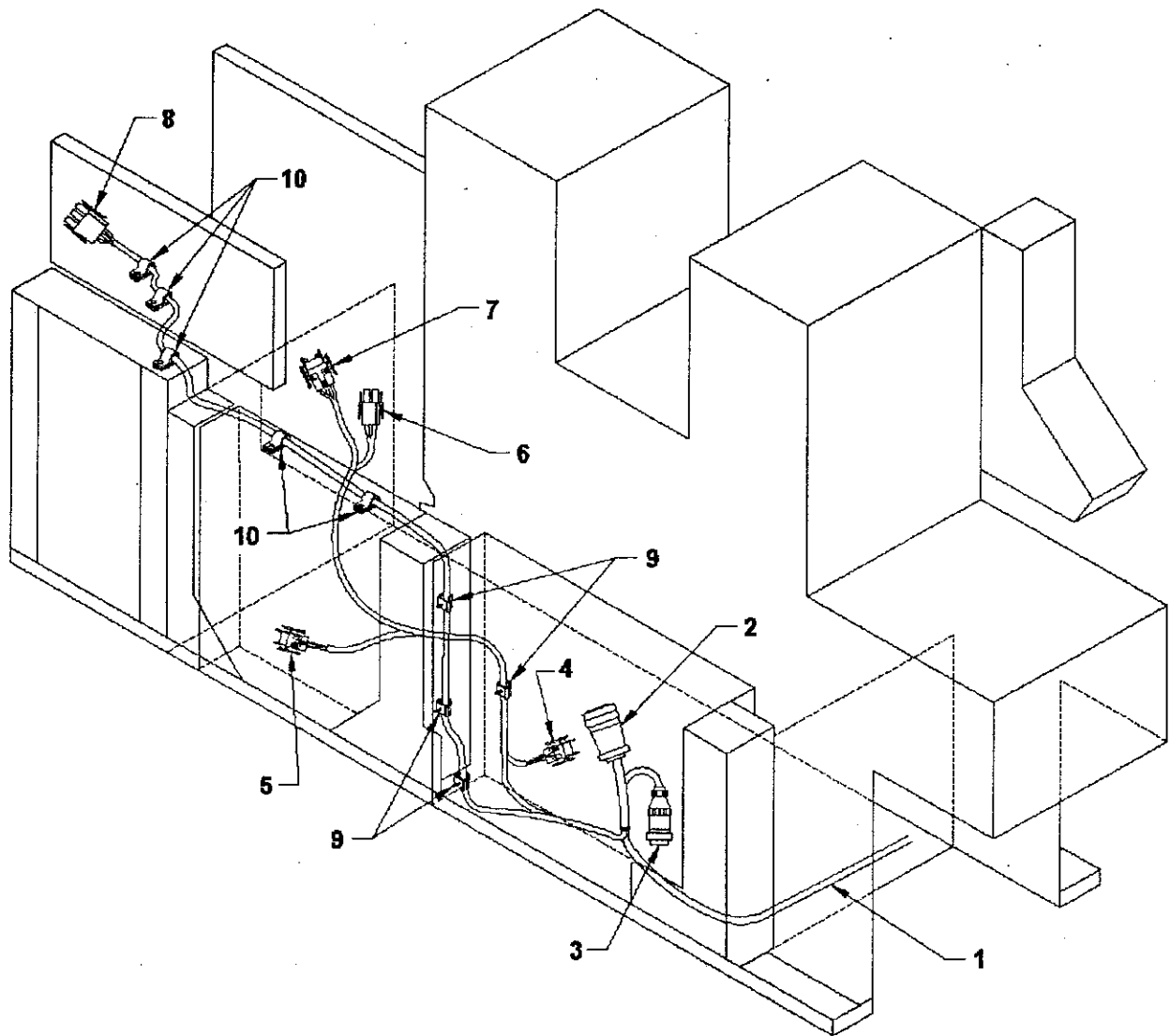
DRIVE MOTOR INVERTER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173415	POWER CORD -- drive motor	1
2	253329	J4408 -- 6 circuit	1
3	172561	POWER CORD -- inverter	1
4	254151	J3601 -- 3 circuit	1
5	254152	STRAIN RELIEF	1



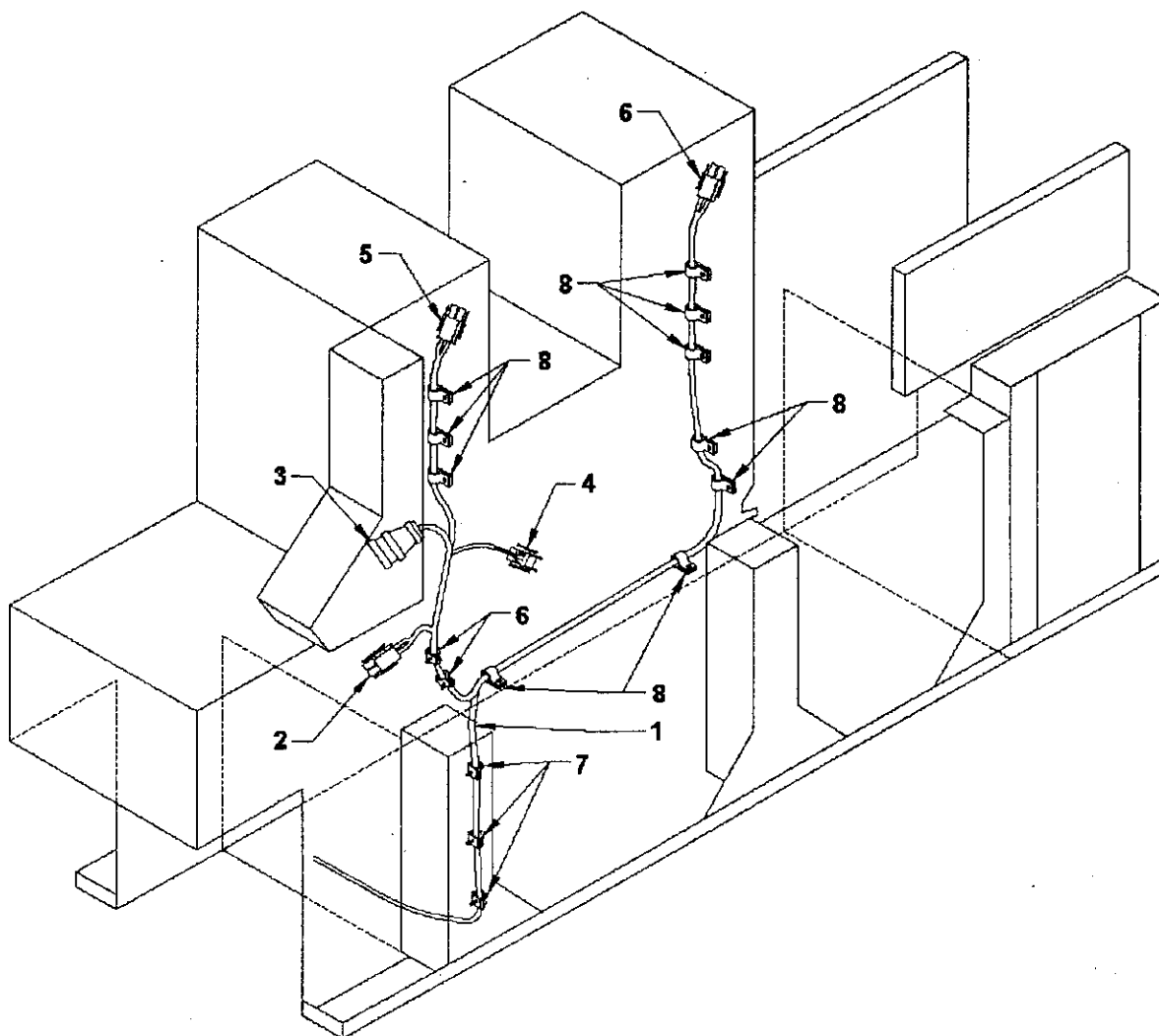
PNEUMATIC COMPRESSOR ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172499	COMPRESSOR -- with power cord to regulator	1
2	172563	POWER HARNESS -- pneumatic compressor	1
3	253277	P3603 -- 3 circuit	1



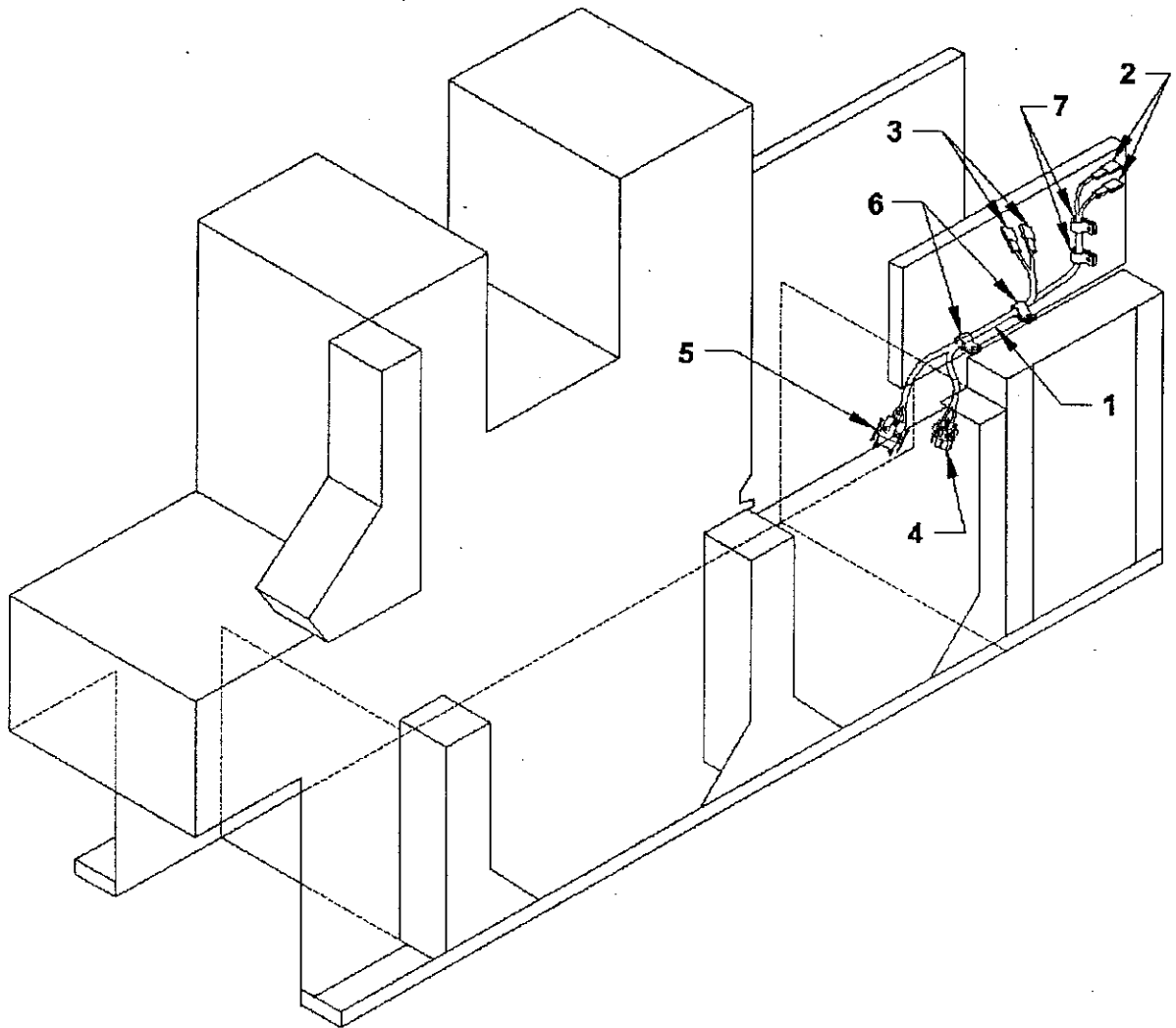
NOS MOTOR DRIVE HARNESS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173414	MOTOR DRIVE HARNESS	1
2	250931	J4405 -- 37 circuit, cpc from control box	1
3	253898	P4404 -- 4 circuit, cpc from control box	1
4	253383	J5004 -- 2 circuit, relay interconnect	1
5	253391	J3607 -- 9 circuit, to distribution box	1
6	253286	P5002 -- 2 circuit, to feed raise/lower motor	1
7	253394	P5005 -- 12 circuit, to motor controller	1
8	253277	P9901 -- 3 circuit, to table limit	1
9	250077	TIE WRAP -- black	4
10	254472	CLAMP -- cable	5



OS MOTOR DRIVE HARNESS

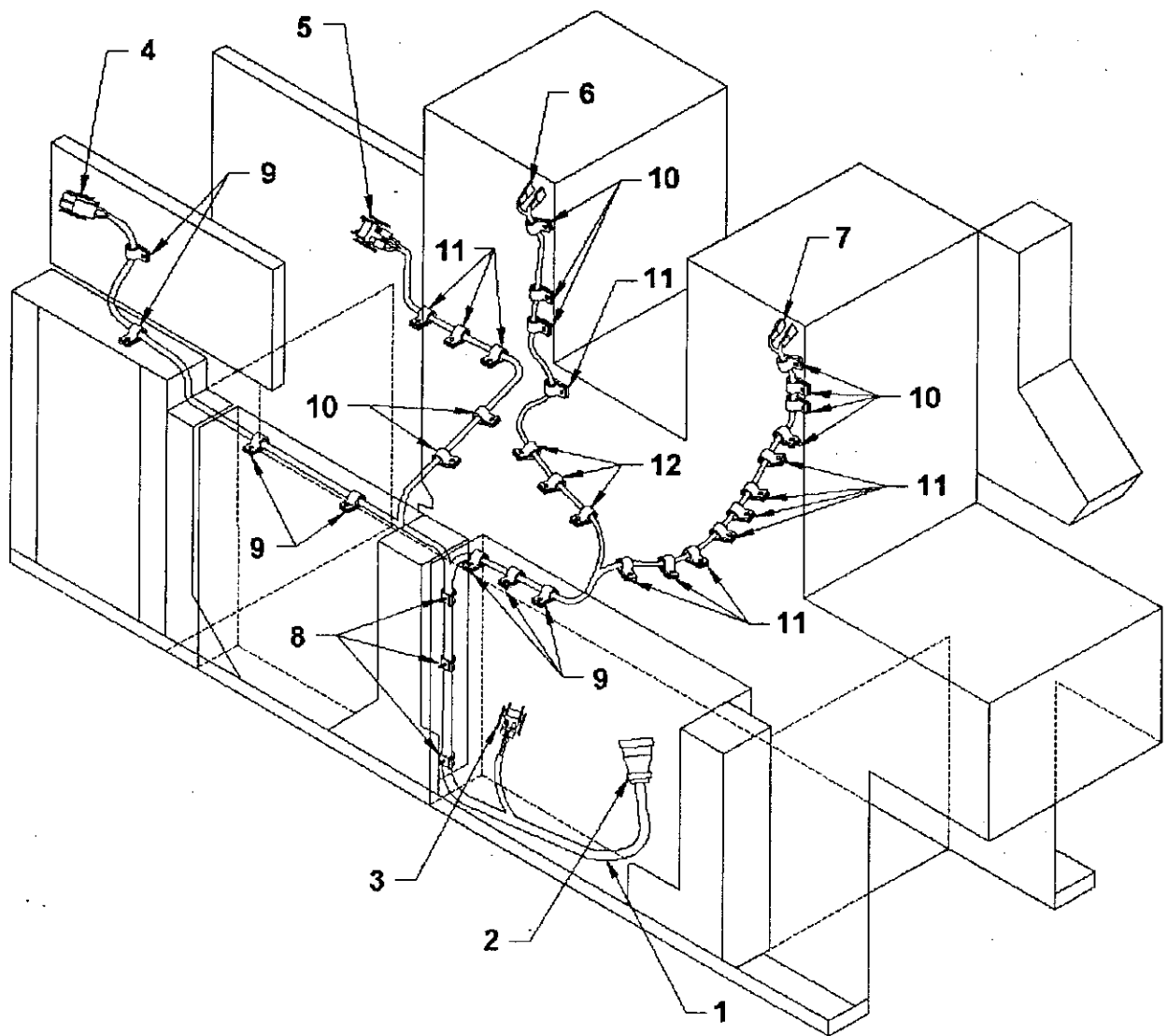
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173414	MOTOR DRIVE HARNESS -- for reference only	1
2	253286	P9902 -- 2 circuit, to IR dryer	1
3	250945	J7101 -- 37 circuit, to control panel	1
4	253383	J8702 -- 2 circuit, to control panel emergency stop	1
5	253286	P5001 -- 2 circuit, to dampener motor 2	1
6	253286	P5000 -- 2 circuit, to dampener motor 1	1
7	250077	TIE WRAP	4
8	254472	CLAMP -- cable	5



FEEDER HARNESS (OS)

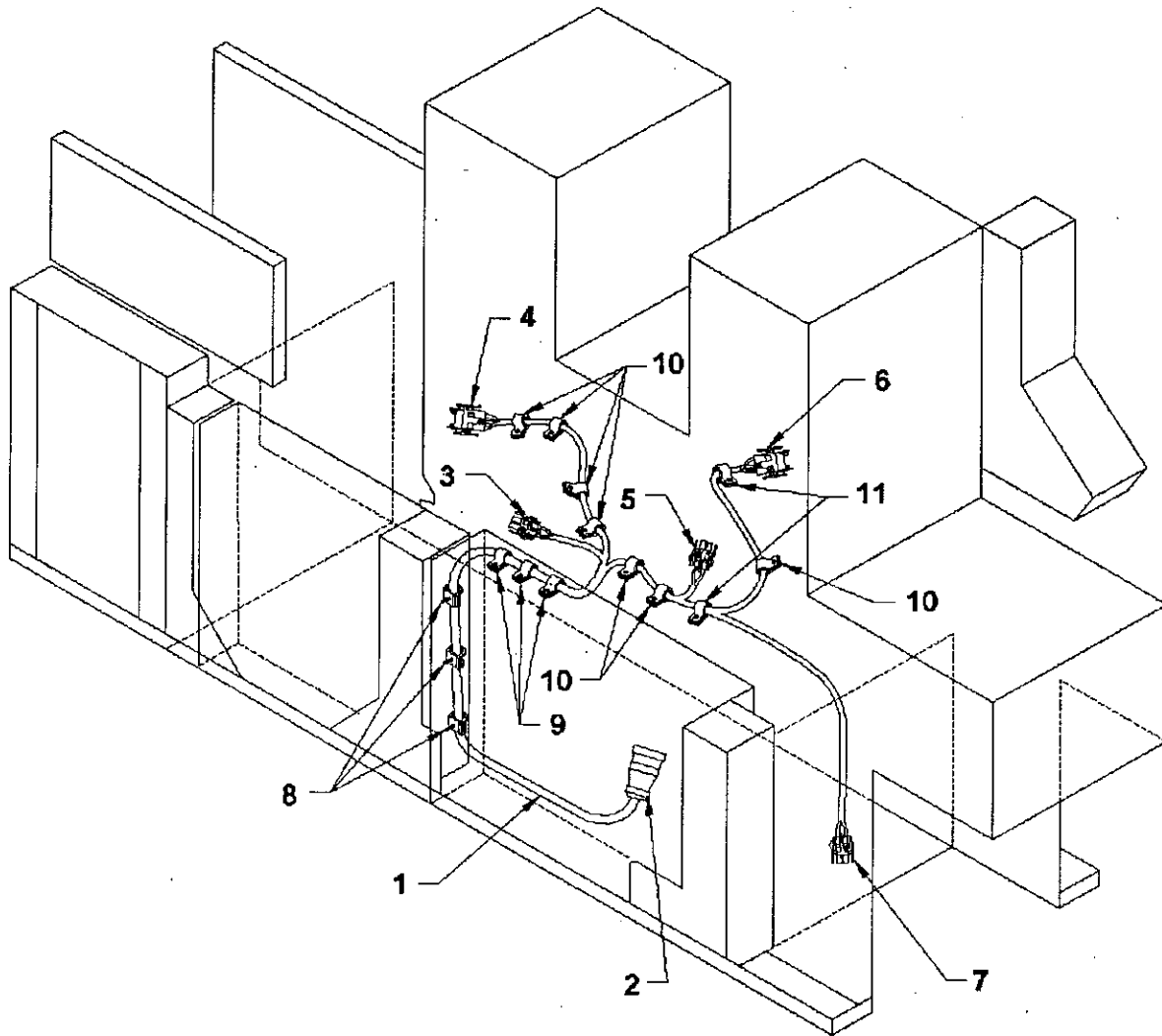
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172994	FEEDER HARNESS -- os	1
2	254406	S3B-11; S3B-12 --terminal, to feeder e-stop switch	2
3	254403	L25-1; L25-2 -- terminal, to feed solenoid	2
4	252793	J5050 -- housing connector, 3 circuit, to feed solenoid	1
5	253384	P9401 -- connector, 2 circuit, to feeder e-stop	1
6	250098	CLAMP -- cable, 3/8"	1
7	250342	CLAMP -- cable, clear	1

ELECTRICAL



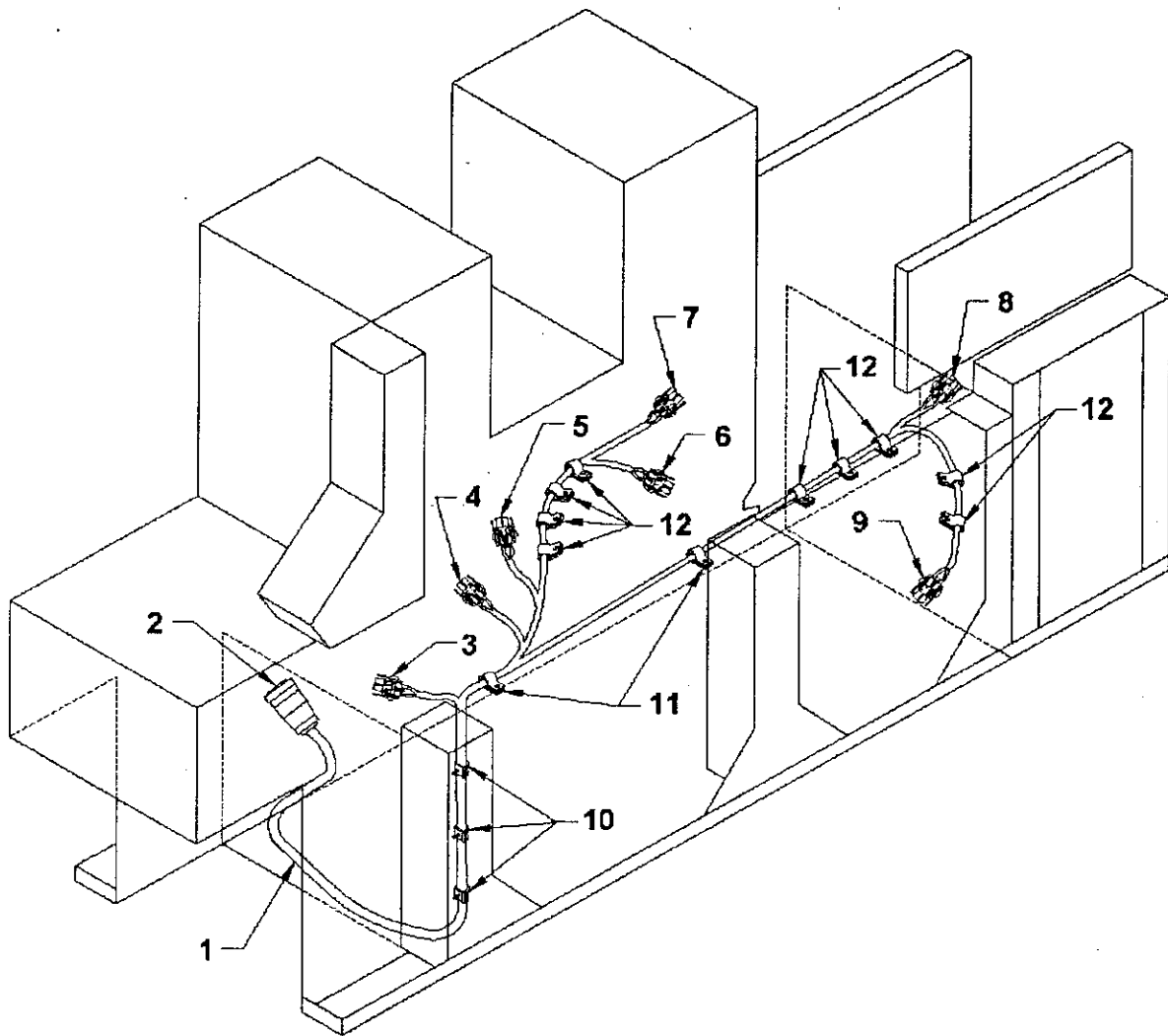
AC DEVICE CONTROL HARNESS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172886	AC DEVICE CONTROL HARNESS	1
2	254204	J4406 -- 28 circuit, cpc, from control box	1
2	254152	CLAMP -- cable	1
3	253384	P5004 -- connector, 2 circuit, to distribution box	1
4	253286	P5051 -- connector, 2 circuit, to bail bar solenoid	1
5	253386	P5050 -- connector, 3 circuit, to feed solenoid	1
6	250062	L26 -- receptacle, to tower one ink duct solenoid	2
7	250062	L24 -- receptacle, to tower two ink duct solenoid	2
8	250077	TIE WRAP -- black	3
9	254472	CLAMP -- cable, 5/8"	7
10	250342	CLAMP -- cable, clear	9
11	250203	CLAMP -- cable, 1/4"	11
12	250098	CLAMP -- cable, 3/8"	3



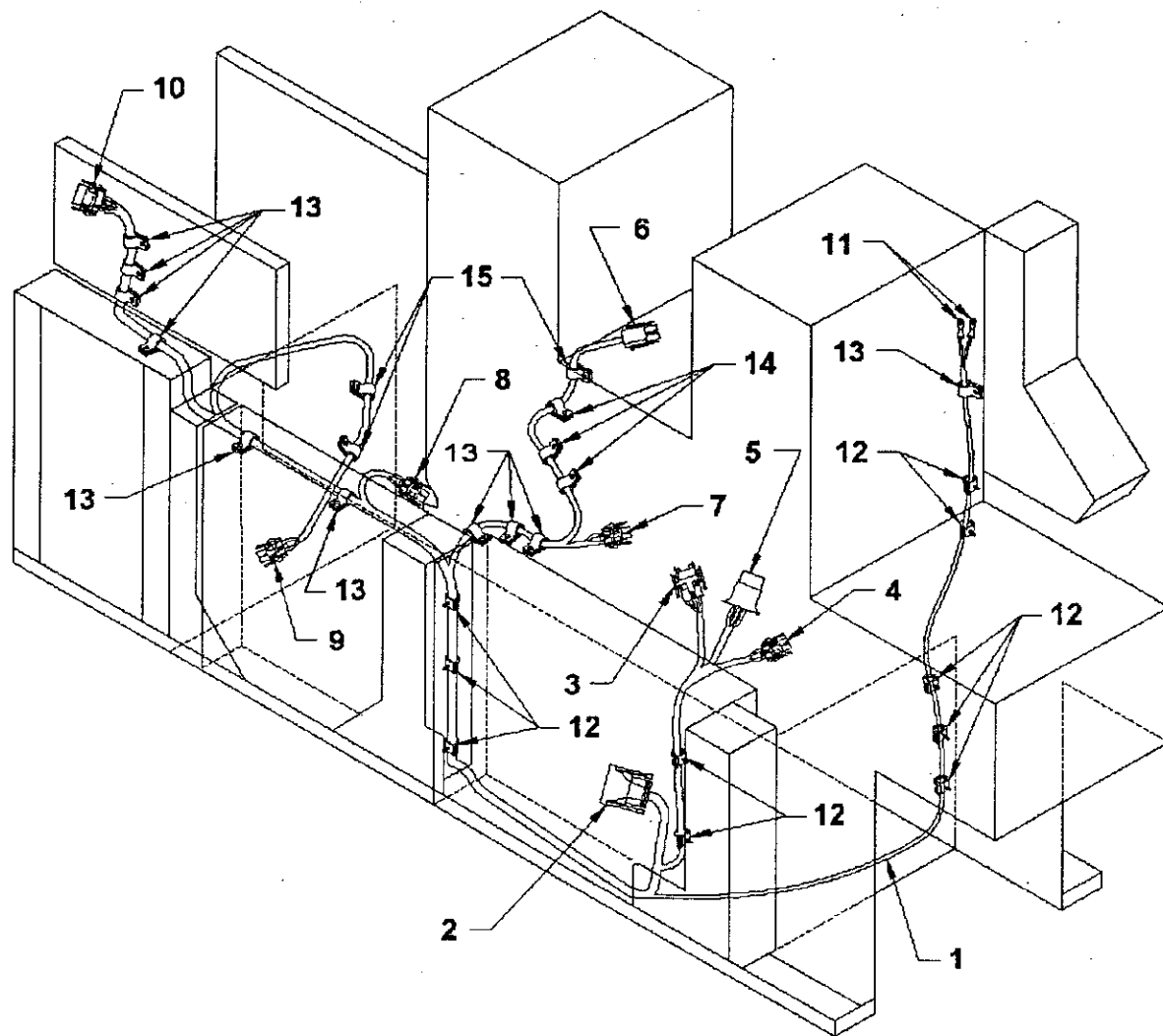
AIR SOLENOID HARNESS (NOS)

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172698	AIR SOLENOID -- nos	1
2	250945	P4400 -- connector, 37 circuit, cpc, from control box	1
2	254160	CLAMP -- cable	1
3	253388	P9801 -- connector, 4 circuit, L14, 15	1
4	253392	P9802 -- connector, 9 circuit, L11, L12, L13, L20	1
5	253388	P9803 -- connector, 4 circuit, L16, L17	1
6	253392	P9805 -- connector, 9 circuit, L18, L19, L21, L22	1
7	253384	P9804 -- connector, 2 circuit, oiler (L23)	1
8	250077	TIE WRAP -- black	as needed
9	254472	CLAMPS -- cable, 5/8"	as needed
10	250273	CLAMPS -- cable, 7/16"	as needed
11	250203	CLAMPS -- cable, 1/4"	as needed



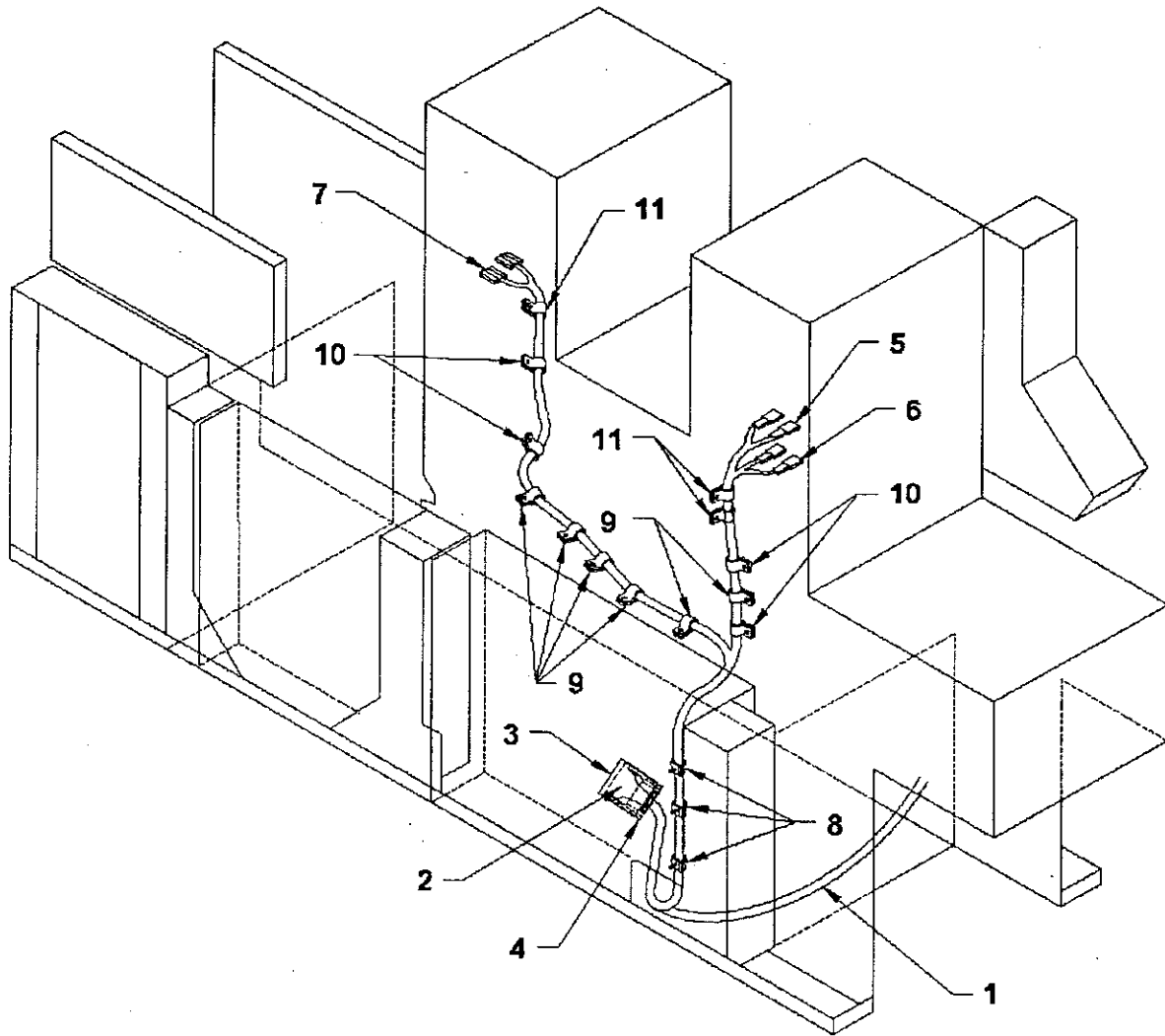
AIR SOLENOID HARNESS (OS)

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172697	AIR SOLENOID -- os	1
2	250945	P4401 -- 37 circuit, from control box	1
2	254160	CLAMP -- cable	1
3	253388	P9701 -- 4 circuit, to powder spray	1
4	253388	P9702 -- 4 circuit, L1, L2	1
5	253388	P9703 -- 4 circuit, L3, L4	1
6	253388	P9704 -- 4 circuit, L5, L6	1
7	253388	P9705 -- 4 circuit, L7, L8	1
8	253384	P5003 -- 2 circuit, doubles divert	1
9	253384	P5030 -- 2 circuit, raise/lower brake	1
10	250077	TIE WRAP -- black	3
11	254472	CLAMP -- cable, 5/8"	as needed
12	250203	CLAMP -- cable, 1/4"	as needed



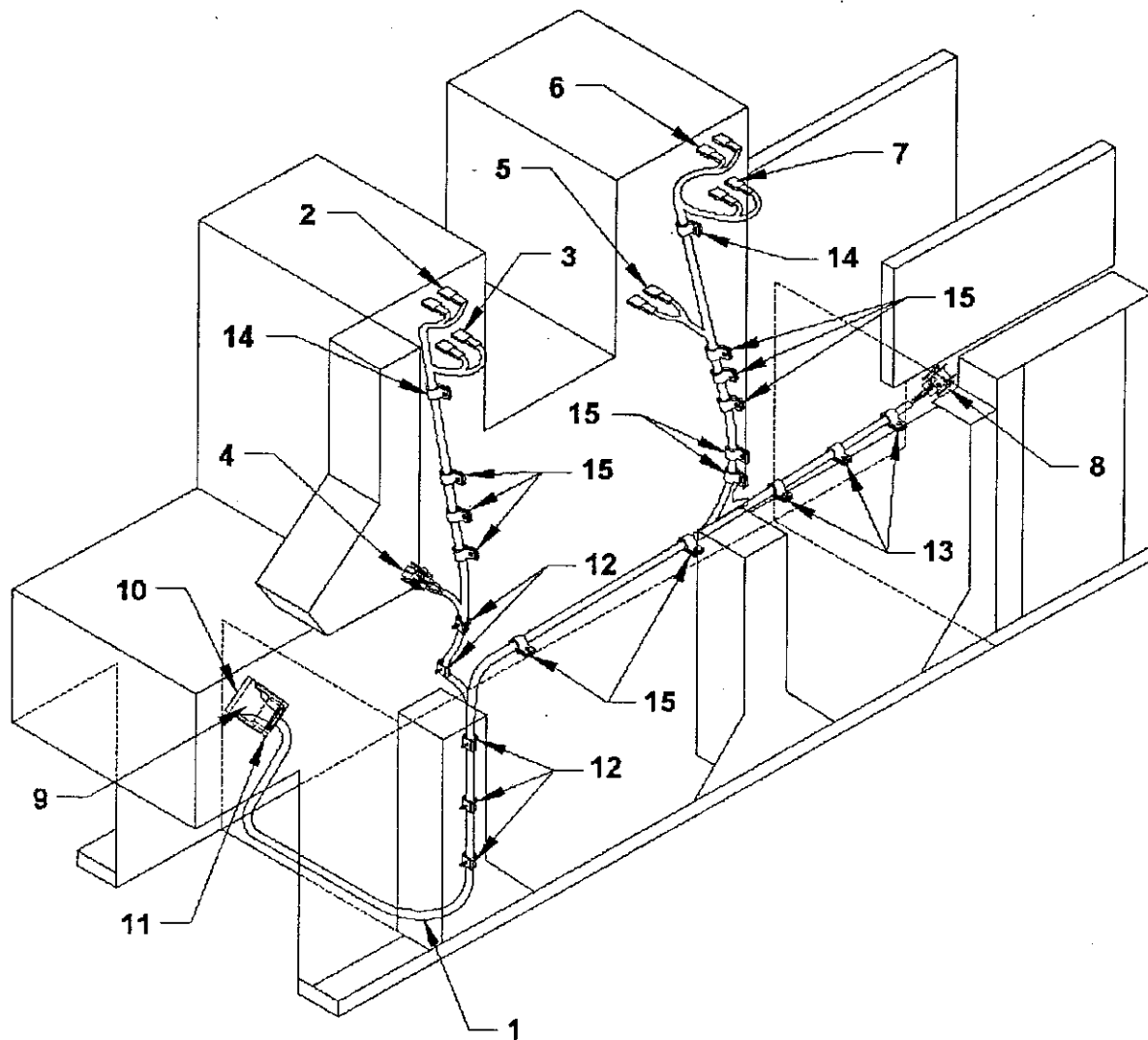
SENSORS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172696	SENSOR CABLE ASSEMBLY	1
2	172543	P0401 -- 75 circuit, bulkhead connector, from control box	1
2	172548	SHIELD	1
2	254398	SCREW -- Jack	1
3	253390	P5011 -- 6 circuit, to machine encoder	1
4	253384	P5015 -- 2 circuit, to delivery switch	1
5	250586	P5008 -- 3 circuit, to powder spray assembly/paper out	1
6	254445	P5012 -- 4 circuit, to blanket detector (tower one)	1
7	253384	P5018 -- 2 circuit, to air pressure switch	1
8	253388	P5007 -- 4 circuit, to paper transfer	1
9	253388	P5016 -- 4 circuit, to feed table encoder	1
10	253394	P5010 -- 12 circuit, to paper height assembly	1
11		S25 -- to oil pressure	1
12	250077	TIE WRAP -- black	as needed
13	254472	CLAMPS -- cable, 5/8"	as needed
14	250273	CLAMPS -- cable, 7/16"	as needed
15	250203	CLAMPS -- cable, 1/4"	as needed



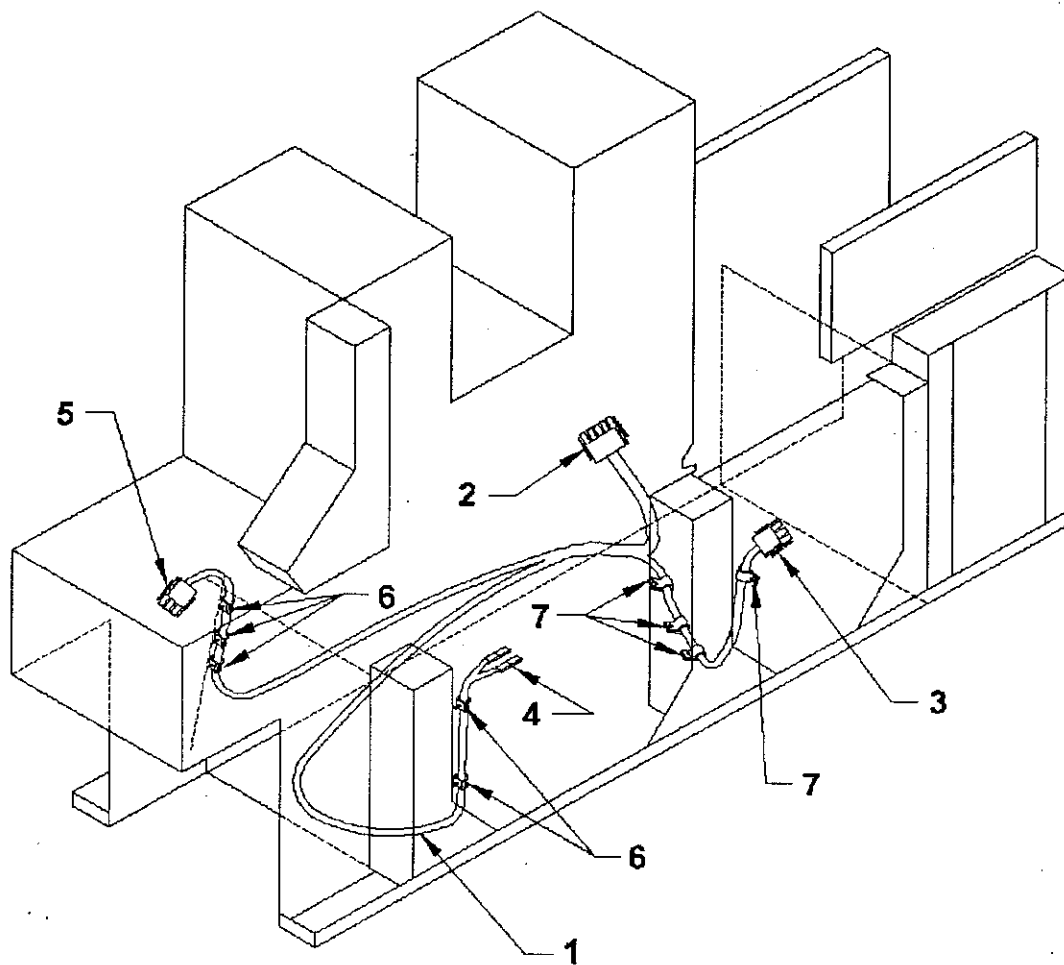
GUARD SWITCHES (NOS)

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172695	GUARD SWITCH HARNESS	1
2	172542	P4409 -- connector, 34 circuit, from control box	1
3	172547	SHIELD	1
4	172544	SCREW -- Jack	2
5	254406	S6 -- terminal, o/no to tower two blanket switch	2
6	254406	S5 -- terminal, o/no to chain delivery switch	2
7	250060	S8 -- terminal, o/f to tower one blanket switch	2
8	250077	TIE WRAP -- black	3
9	250273	CLAMP -- cable, 7/16"	6
10	250203	CLAMP -- cable, 1/4"	4
11	250342	CLAMP -- cable, clear	3



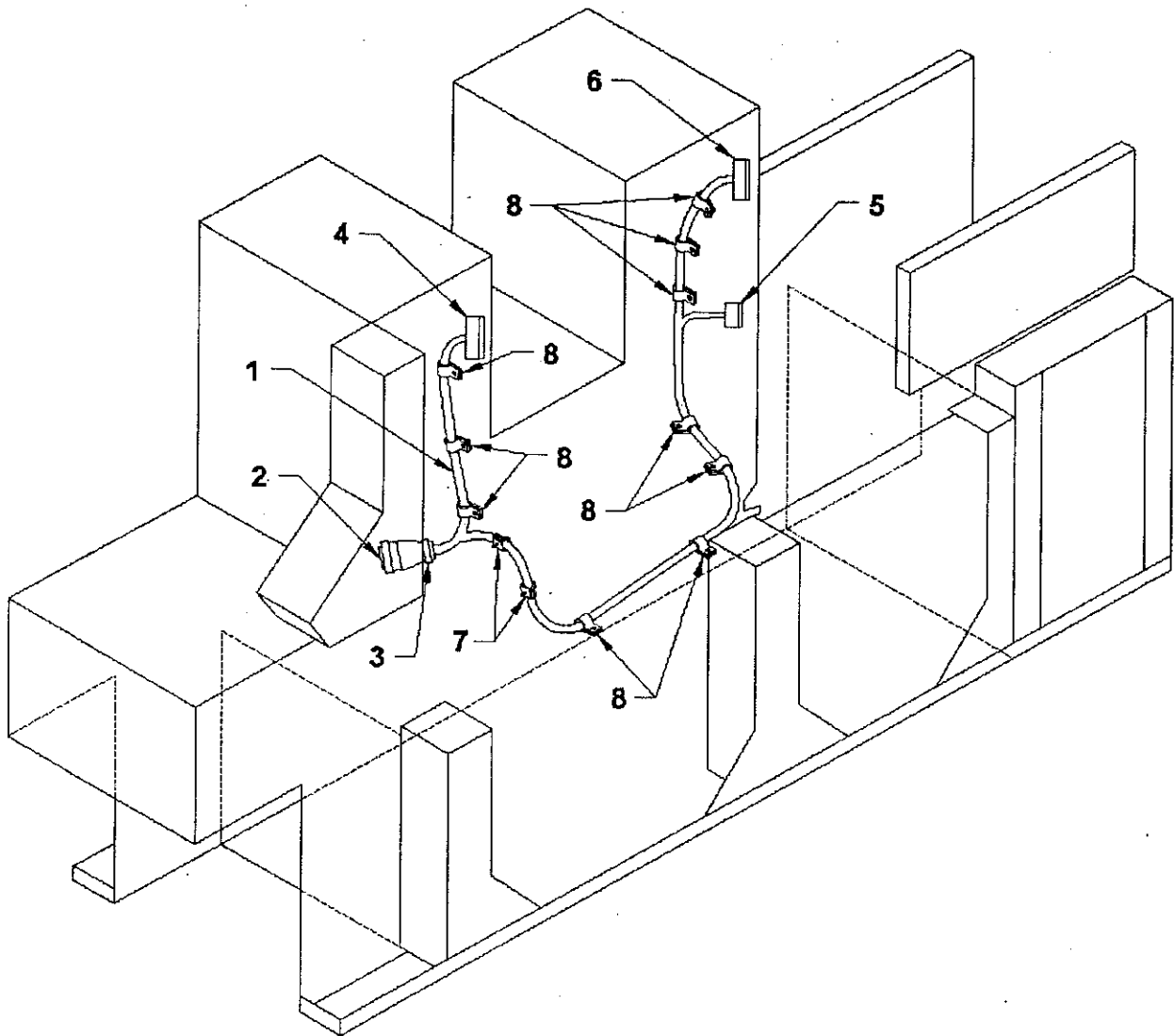
GUARD SWITCHES (OS)

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172695	SWITCHES -- guard	1
2	254406	S11 -- terminal, o/no to tower two plate switch	2
3	254406	S10 -- terminal, o/no to tower two ink switch	2
4	253384	P8702 -- connector, 2 circuit, delivery e-stop S28	1
5	254406	S7 -- terminal, o/no to impression switch	2
6	254406	S12 -- terminal, o/no to tower one ink switch	2
7	254406	S13 -- terminal, o/no to tower one plate switch	2
8	253383	J9401 -- connector, 2 circuit, feeder e-stop	1
9	172542	P4409 -- connector, 34 circuit, from control box	1
10	172547	SHIELD	1
11	172544	SCREW -- Jack	1
12	250077	TIE WRAP -- black	5
13	250203	CLAMP -- cable, 1/4"	3
14	250342	CLAMP -- cable, clear	2
15	254472	CLAMP -- cable, 5/8"	10



ACCESSORY POWER

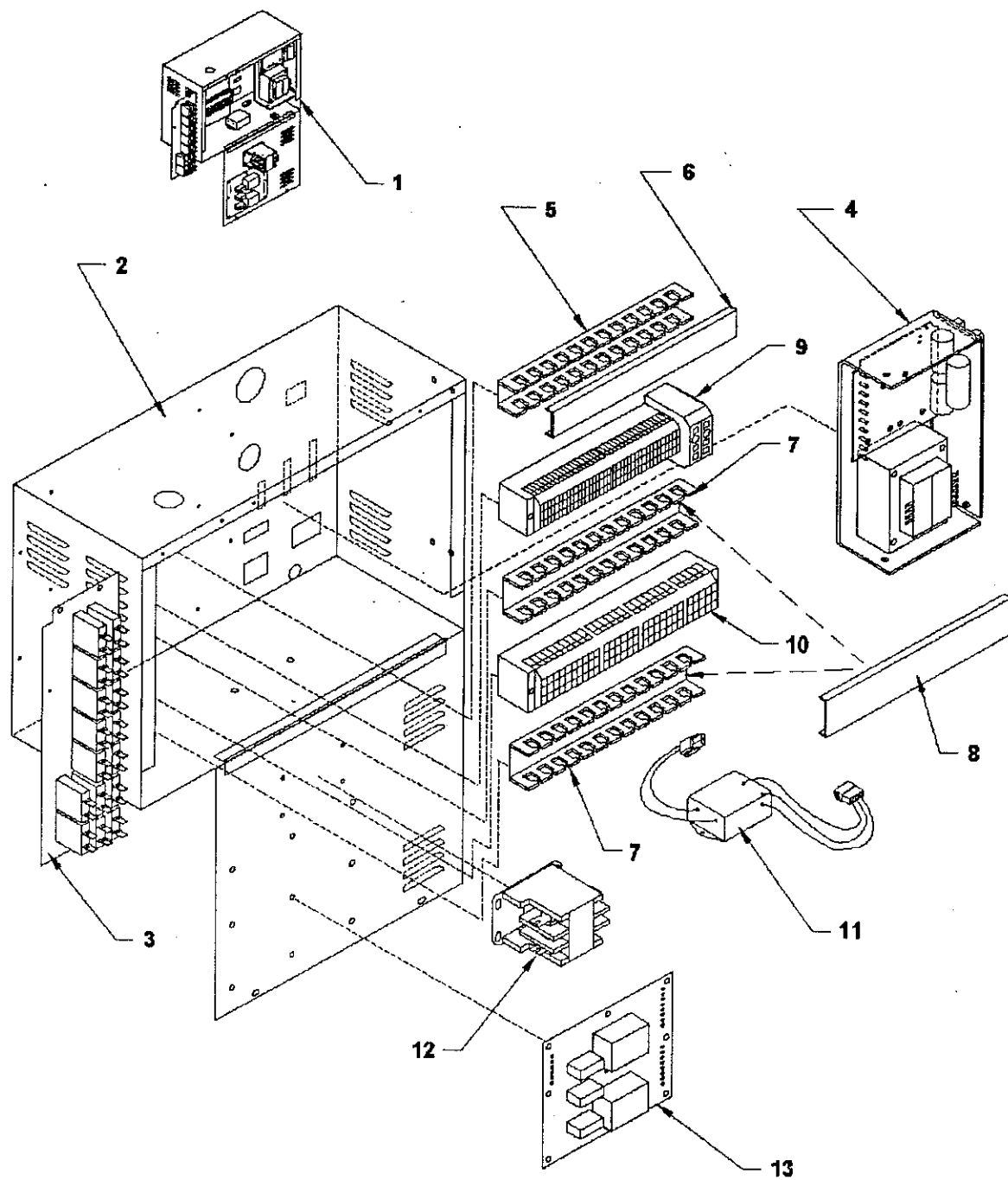
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	172553	ACCESSORY POWER	1
2	253729	P3605 -- 15 circuit, from distribution box	1
3	253386	P5031 -- 3 circuit, static eliminator	1
4	254401	L36 -- to heat exchanger fan	2
5	253386	P5032 -- 3 circuit, to work lamp	1
6	250077	TIE WRAP -- black	5
7	250342	CLAMP -- cable, clear	4



INTER-TOWER HARNESS

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173486	INTER-TOWER HARNESS	1
2	250931	J7103 -- 37 circuit, from control panel	1
3	254161	CLAMP -- cable	1
4	254260	J2801A -- 34 circuit modu, to tower one	1
5	254451	J3001 -- 20 circuit modu, to tower two	1
6	254260	J2801B -- 34 circuit modu, to tower two	1
7	250077	TIE WRAP-- black	2
8	254472	CLAMP -- cable, 5/8"	10

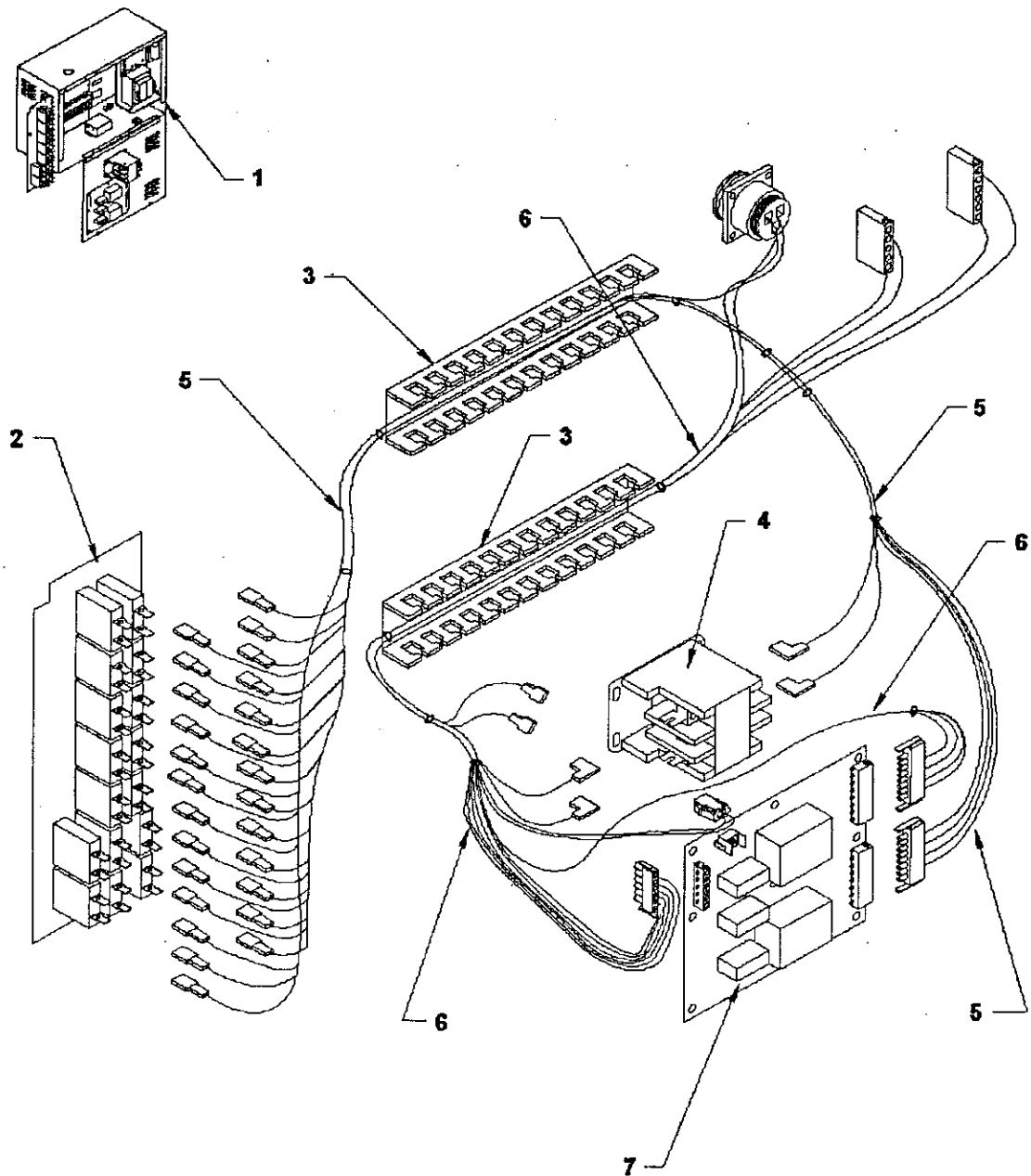
ELECTRICAL



POWER DISTRIBUTION BOX -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173409	DISTRIBUTION BOX ASSEMBLY	1
2	173405	DISTRIBUTION CABINET ASSEMBLY	1
3	173277	PANEL -- circuit breaker screened panel	1
4	172991	POWER SUPPLY ASSEMBLY	1
5	178332	DUCT -- distribution box, upper	1
6	178338	COVER -- distribution box, upper	1
7	180567	DUCT -- distribution box, lower	2
8	180576	COVER -- distribution box, lower duct	2
9	172658	TERMINAL BLOCK ASSEMBLY	1
10	172659	TERMINAL BLOCK ASSEMBLY	1
11	401617	EMI FILTER ASSEMBLY	1
12	253537	CONTACTOR	1
13	172998	MOTOR RELAY PC BOARD ASSEMBLY	1

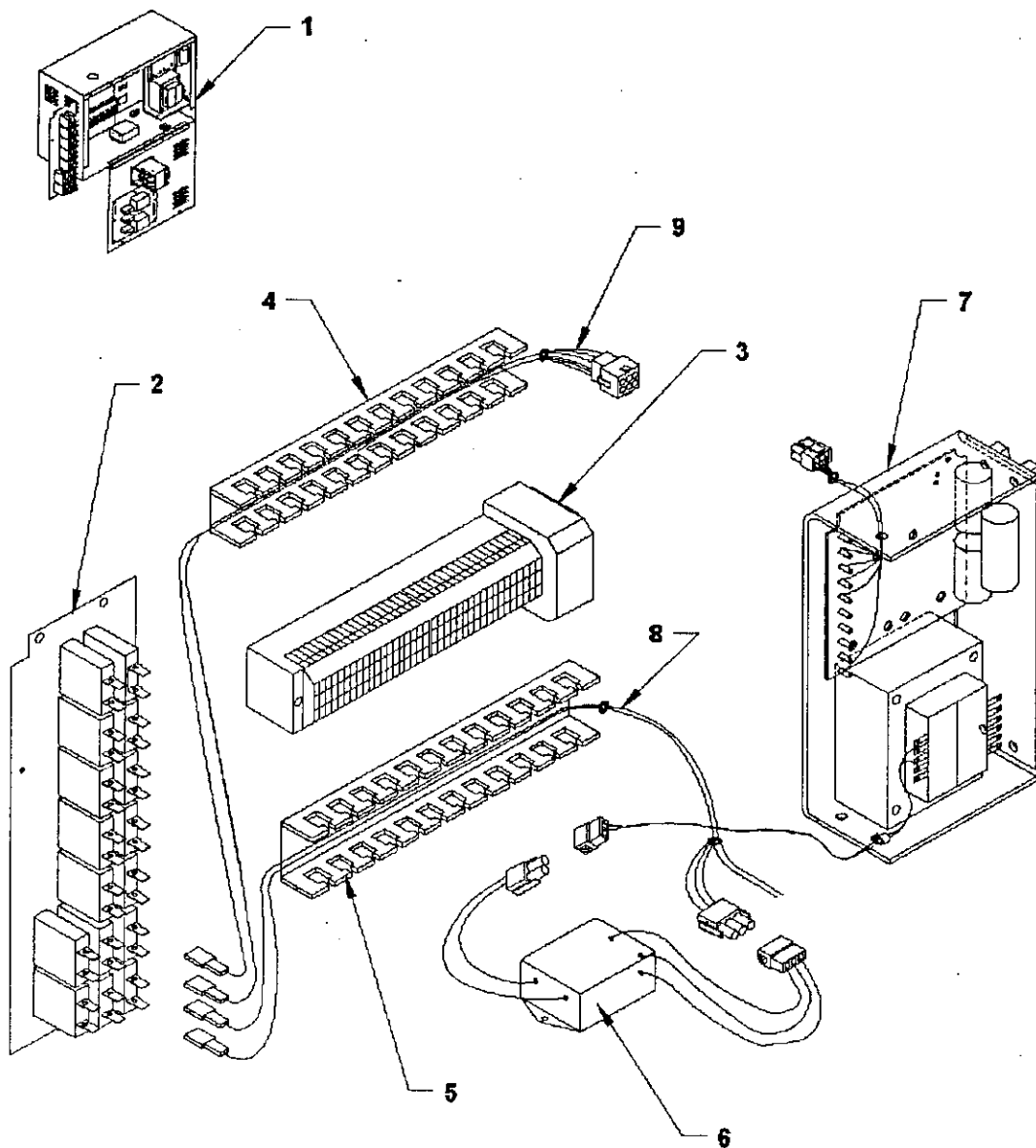
ELECTRICAL



POWER DISTRIBUTION BOX -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173409	DISTRIBUTION BOX ASSEMBLY -- for reference only	1
2	173277	PANEL -- circuit breaker screened panel (for reference only)	1
3	180567	DUCT -- distribution box, lower (for reference only)	2
4	253537	CONTACTOR (for reference only)	1
5	173398	HARNESS -- AC circuit breaker	1
6	173399	HARNESS -- AC power distribution	1
7	172998	MOTOR-RELAY PC BOARD ASSEMBLY -- for reference only	1

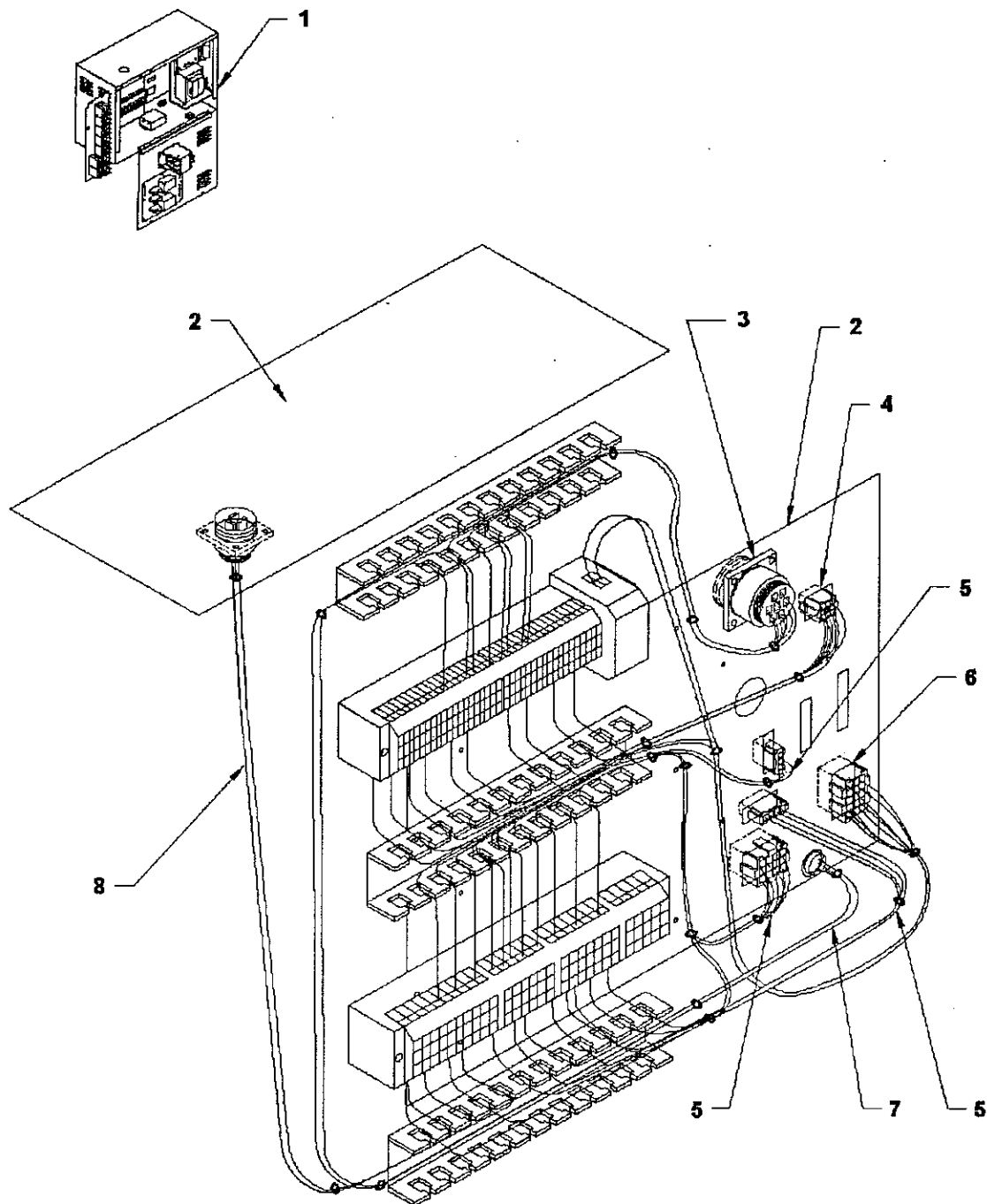
ELECTRICAL



POWER DISTRIBUTION BOX -- PART 3

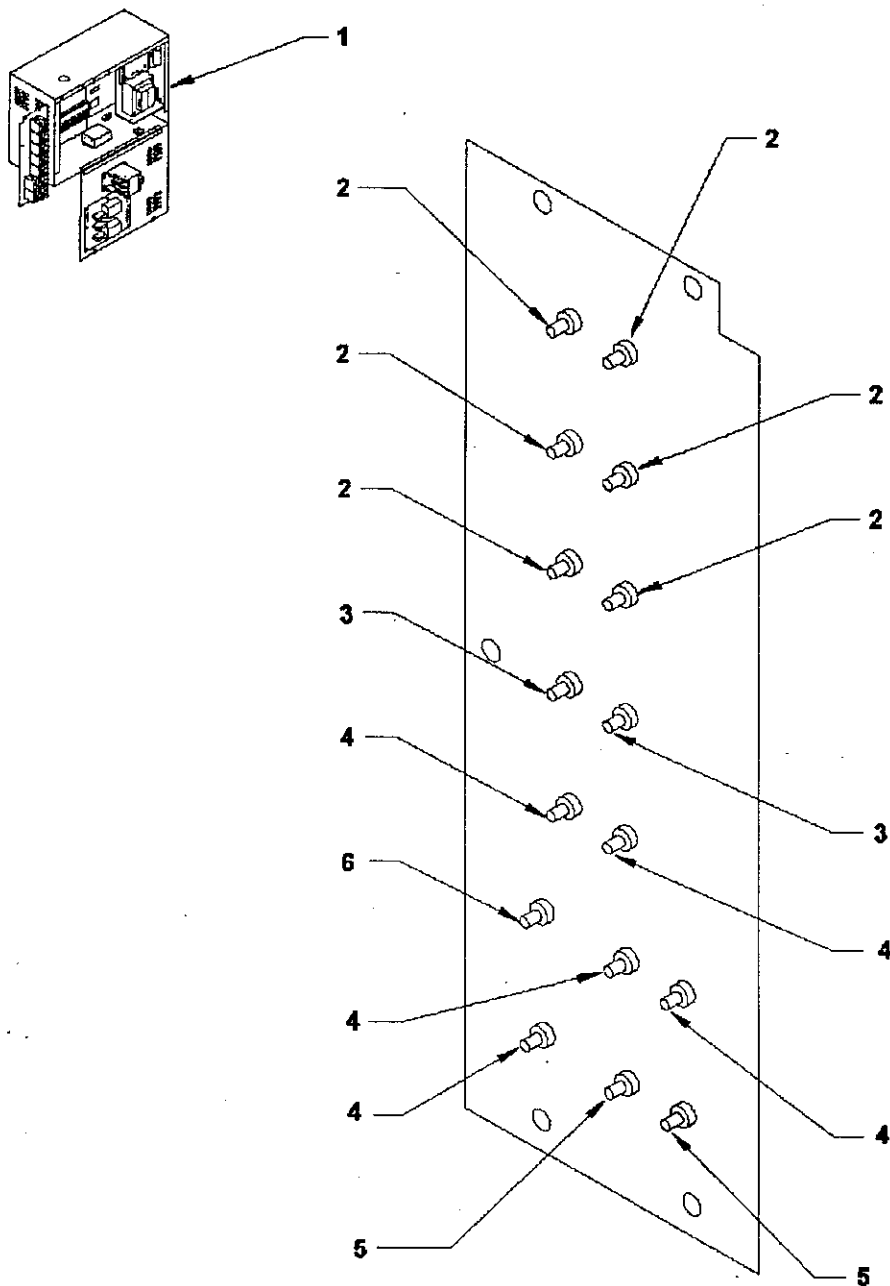
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173409	DISTRIBUTION BOX ASSEMBLY -- for reference only	1
2	173277	PANEL -- circuit board screened, (for reference only)	1
3	172658	TERMINAL BLOCK ASSEMBLY -- for reference only	1
4	178332	DUCT -- distribution box, upper, (for reference only)	1
5	180567	DUCT -- distribution box, lower, (for reference only)	1
6	401617	EMI FILTER ASSEMBLY -- for reference only	1
7	172991	POWER SUPPLY ASSEMBLY -- for reference only	1
8	173398	HARNESS -- AC circuit breaker	1
9	173402	HARNESS -- DC circuit breaker	1

ELECTRICAL



POWER DISTRIBUTION BOX -- PART 4

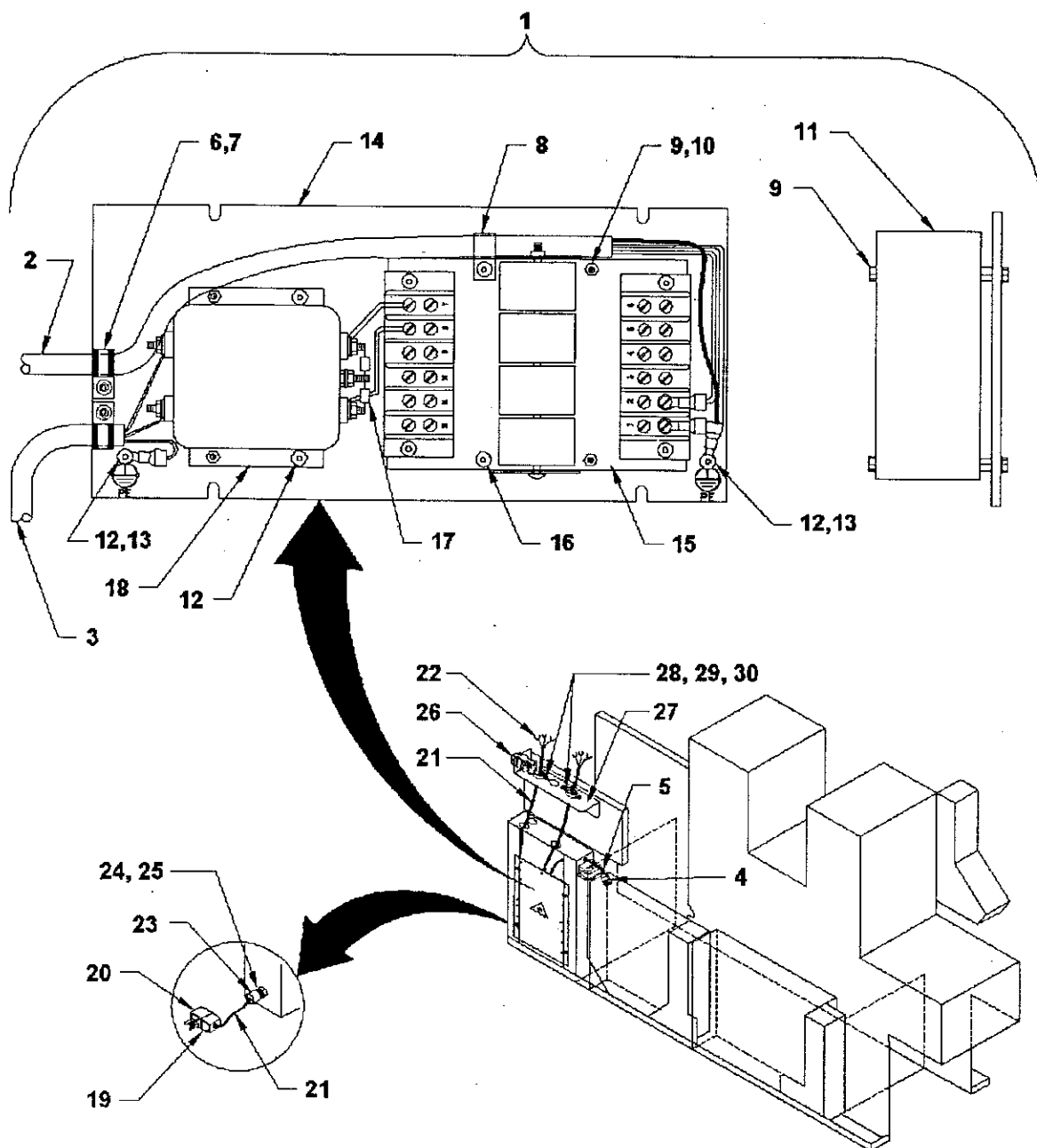
<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173409	DISTRIBUTION BOX ASSEMBLY -- for reference only	1
2	173405	DISTRIBUTION CABINET ASSEMBLY	1
3	173402	HARNESS -- DC circuit breaker	1
4	173398	HARNESS -- AC circuit breaker	1
5	173399	HARNESS -- AC power distribution box	1
6	172554	HARNESS -- accessory power supply	1
7	178315	CORD-- AC interface	1
8	173406	CORD -- distribution box power input	1



POWER DISTRIBUTION BOX -- PART 5

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173409	DISTRIBUTION BOX ASSEMBLY -- for reference only	1
2	254533	CIRCUIT BREAKER -- 15 amp	6
3	254543	CIRCUIT BREAKER -- 5 amp	2
4	253543	CIRCUIT BREAKER -- 4 amp	5
5	252537	CIRCUIT BREAKER -- 8 amp	2
6	254534	CIRCUIT BREAKER -- 12 amp	1

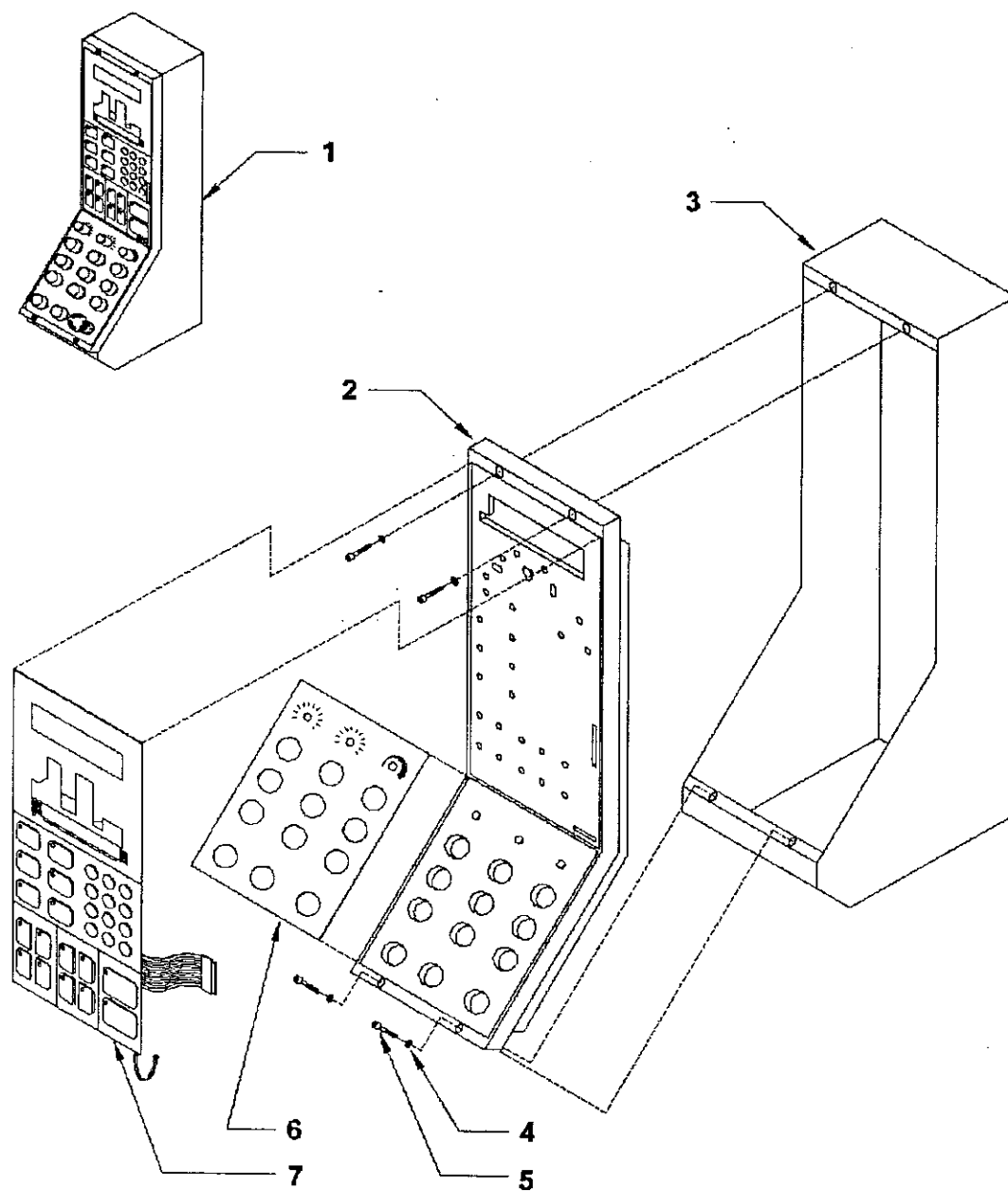
ELECTRICAL



VDE LINE FILTER ASSEMBLY

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173814	VDE LINE FILTER ASSEMBLY	1
2	173297	POWER CORD -- filter to switch	1
3	173298	POWER CORD -- filter to distribution box	1
4	254197	J3610 -- 3 circuit, cpc connector	1
5	254325	CLAMP -- cable	1
6	001259	SCREW -- 10-16 x 1/2"	2
7	250357	CLAMP	2
8	250206	CLAMP	1
9	111034	SCREW -- 8-32 x 3/8"	8
10	254499	STAND OFF	4
11	254544	COVER -- insulator	1
12	001552	SCREW -- 8-32 x 3/8"	4
13	001706	WASHER -- .199 i.d., .400 o.d.	2
14	173813	PLATE -- filter mount	1
15	254444	FILTER MODULE	1
16	001220	SCREW -- 10-32 x 3/8"	2
17	172002	CAPACITOR ASSEMBLY	2
18	254319	FILTER -- emi/rfi	1
19	173800	CORD ASSEMBLY -- power supply	1
20	253947	CONNECTOR -- main power plug, 30A, 250V	1
21	254545	CABLE	1
22	254199	TERMINAL -- ring	1
23	254080	CLAMP -- cable	1
24	254170	NUT -- lock	1
25	254171	"O" RING	1
26	253915	SWITCH -- main power	1
27	178530	BRACKET	1
28	101091	CLAMP -- cable	2
29	101147	WASHER -- lock	2
30	111087	SCREW	2

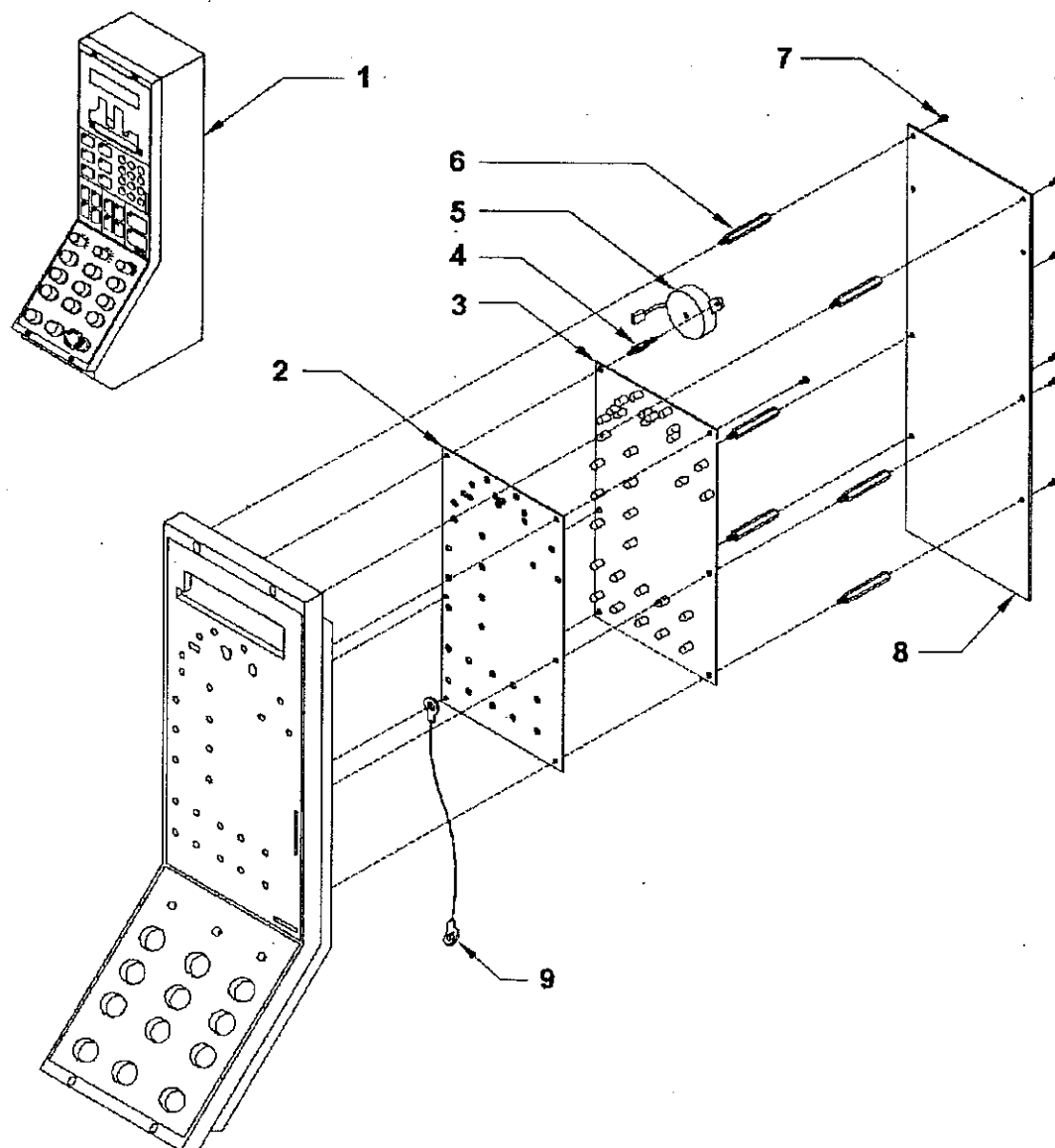
ELECTRICAL



CONTROL PANEL -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173421	MAIN CONTROL PANEL ASSEMBLY	1
2	180169	BEZEL -- control panel	1
3	173420	ENCLOSURE -- operator control panel	1
4	197407	WASHER	4
5	101197	SCREW	4
6	254181	MECHANICAL SWITCH GRAPHIC OVERLAY	1
7	254180	MEMBRANE SWITCH PANEL	1

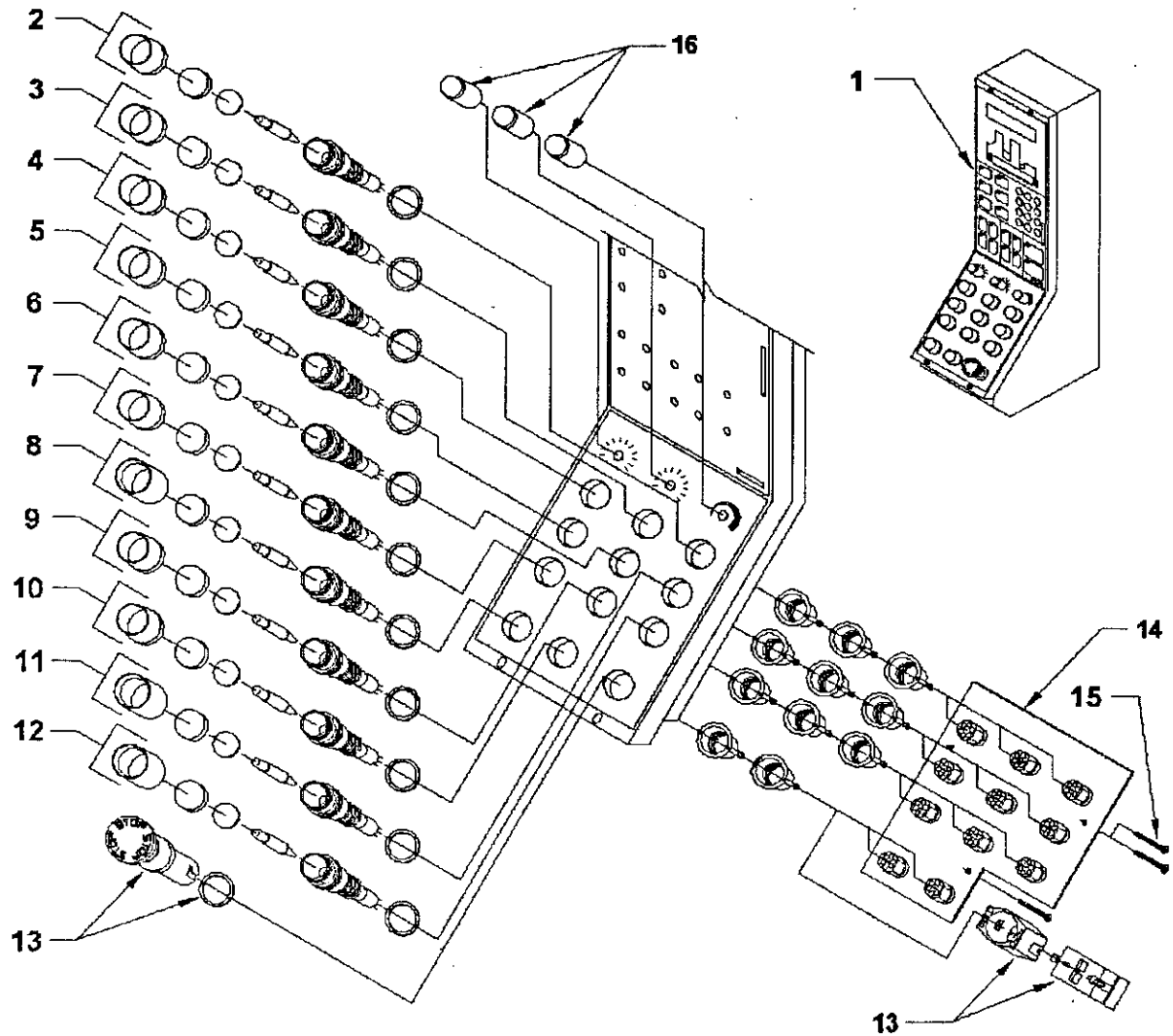
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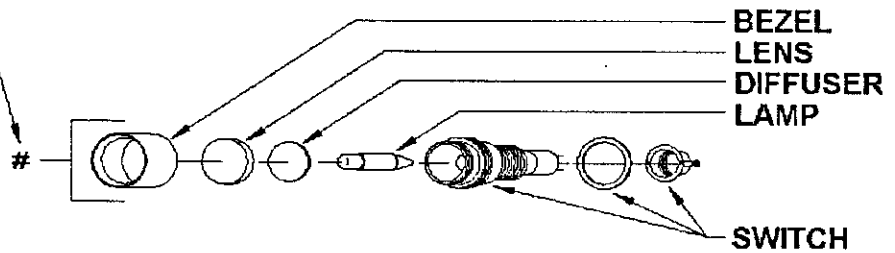
CONTROL PANEL -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173421	MAIN CONTROL PANEL	1
2	172570	SHIELD -- control panel rfi	1
3	179618	PC BOARD ASSEMBLY	1
4	253044	STAND OFF CIRCUIT	1
5	172875	SONALERT ASSEMBLY	1
6	254182	STAND OFF	6
7	001683	SCREW	7
8	173408	PC BOARD ASSEMBLY -- control panel	1
9	172569	STRAP -- grounding	1

ELECTRICAL



NOTE:
NUMBER INDICATES
A GROUP OF PARTS
WHICH MAKE UP AN
ENTIRE SWITCH.



CONTROL PANEL -- PART 3

1. The following parts are components of P/N 173421, the Main Control Panel Assembly:

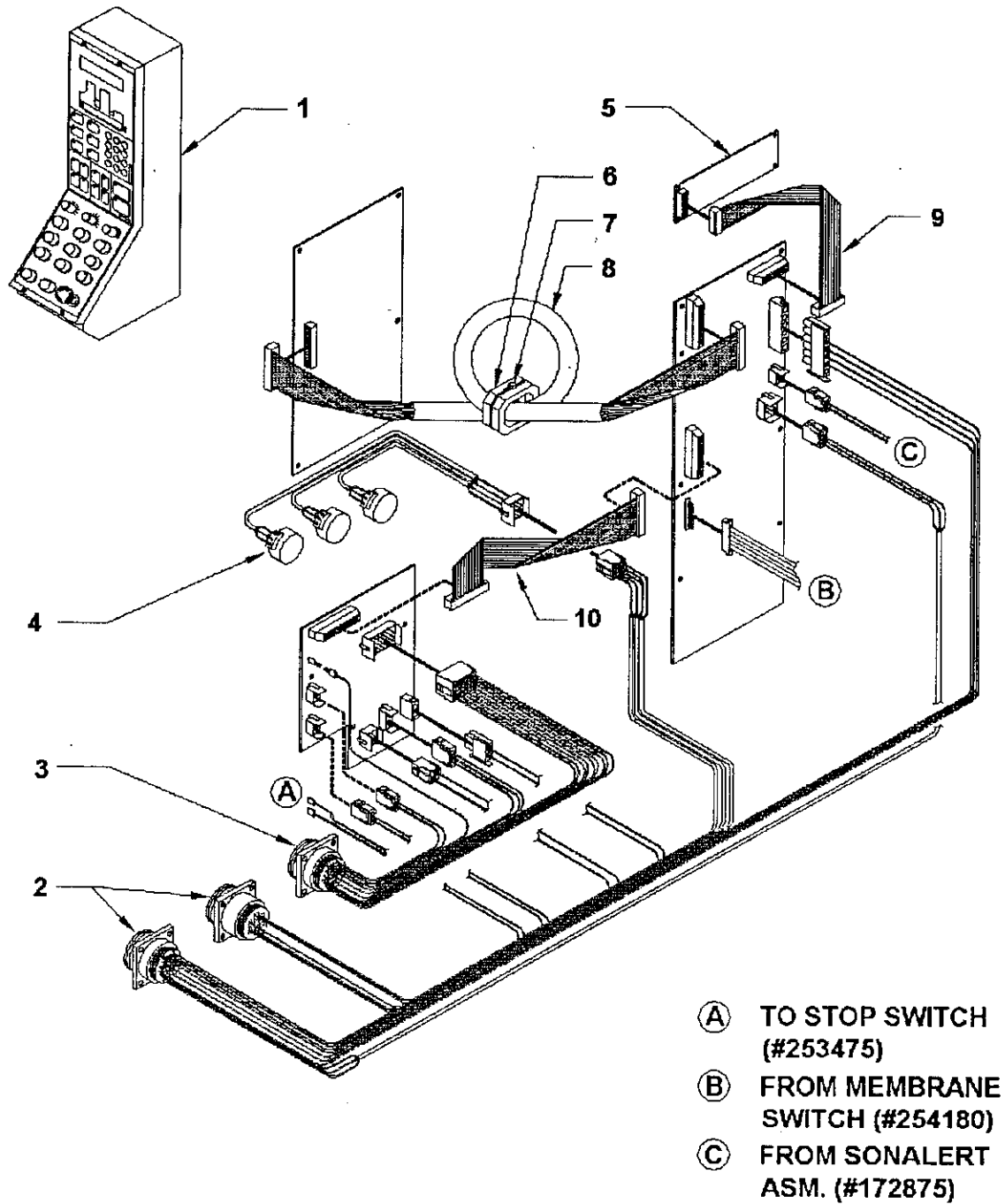
No.	Bezel	Lens	Diffuser	Lamp	Switch
2	253866, Std. Black	253861, Yellow	254191, "Feed"	253868, 12V	253864, Switch 2**
3	253866, Std. Black	253861, Yellow	254184, "Water"	253868, 12V	253864, Switch 2**
4	253866, Std. Black	253861, Yellow	254184, "Water"	253868, 12V	253864, Switch 2**
5	253866, Std. Black	253861, Yellow	254185, "Ink"	253868, 12V	253864, Switch 2**
6	253866, Std. Black	253861, Yellow	254185, "Ink"	253868, 12V	253864, Switch 2**
7	253866, Std. Black	253861, Yellow	254186, "Image"	253868, 12V	253864, Switch 2**
8	253865, Raised Black	253859, Green	254187, "Start"	253868, 12V	254205, Switch 1*
9	253866, Std. Black	253861, Yellow	254186, "Image"	253868, 12V	253864, Switch 2**
10	253866, Std. Black	253905, Red	254188, "Stop"	253868, 12V	253864, Switch 2**
11	253865, Raised Black	253860, Orange	254189, "Fwd. Inch"	253868, 12V	254205, Switch 1*
12	253865, Raised Black	253860, Orange	254190, "Rev. Inch"	253868, 12V	254205, Switch 1*

Number	Part Number	Description	Units per Assembly
13	253474	Switch	1
14	179620	Mechanical Switch PCB	1
15	101983	Sems Screw	3
16	253932	Knob	3

* Two poles (one normally open, one normally closed), green band

** Two poles (normally open), white band

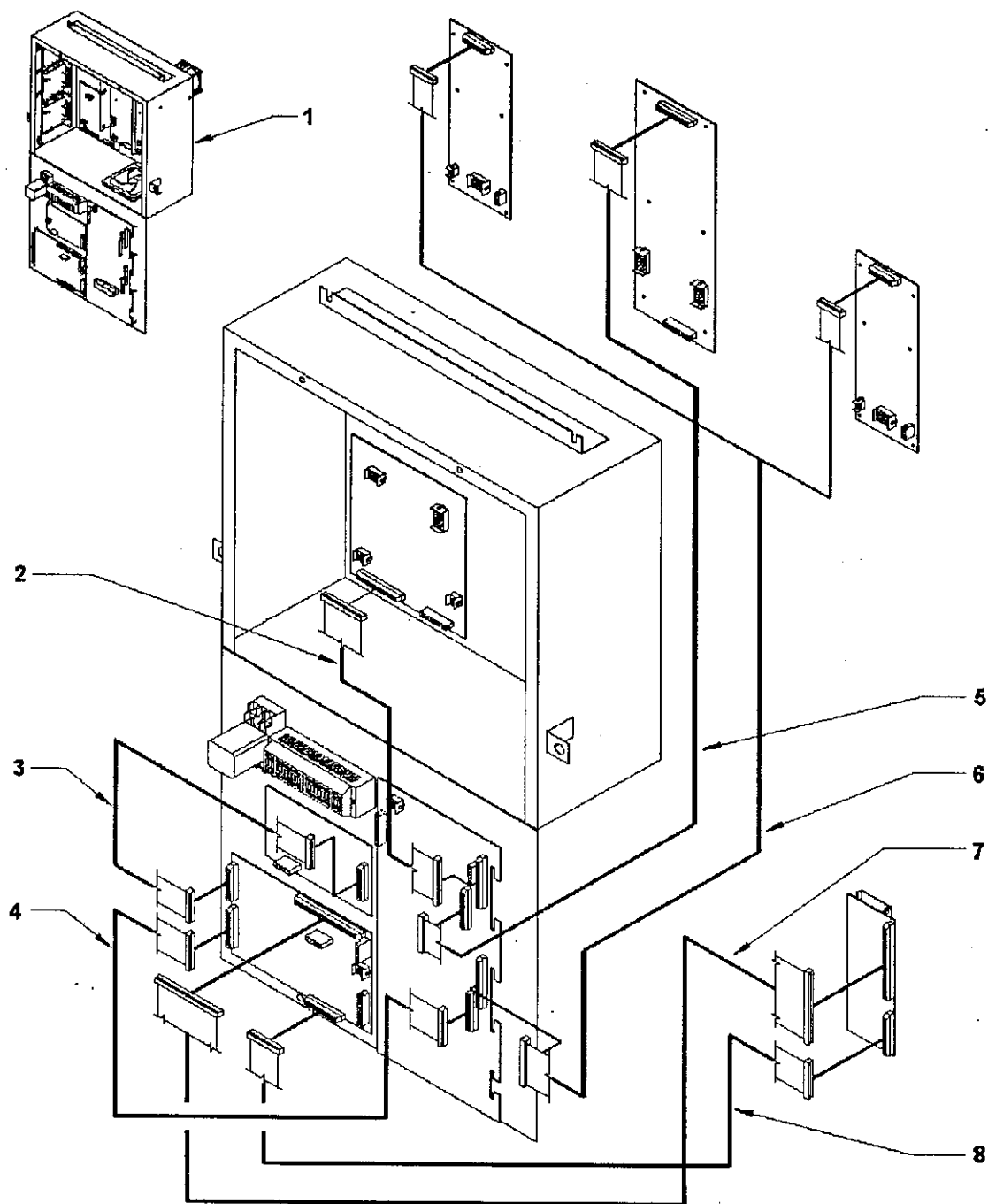
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CONTROL PANEL -- PART 4

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173421	MAIN CONTROL PANEL ASSEMBLY	1
2	173417	HARNESS -- comm/speed control	1
3	173481	CONTROL PANEL -- harness	1
4	173416	SPEED CONTROL ASSEMBLY	1
5	253890	DISPLAY -- 2 x 20mm	1
6	254321	FERRITE BEAD	2
7	250493	TIE WRAP	1
8	178317	CABLE ASSEMBLY -- cpu	1
9	178319	CABLE ASSEMBLY -- cpu to display	1
10	178318	CABLE ASSEMBLY -- cpu to switch	1

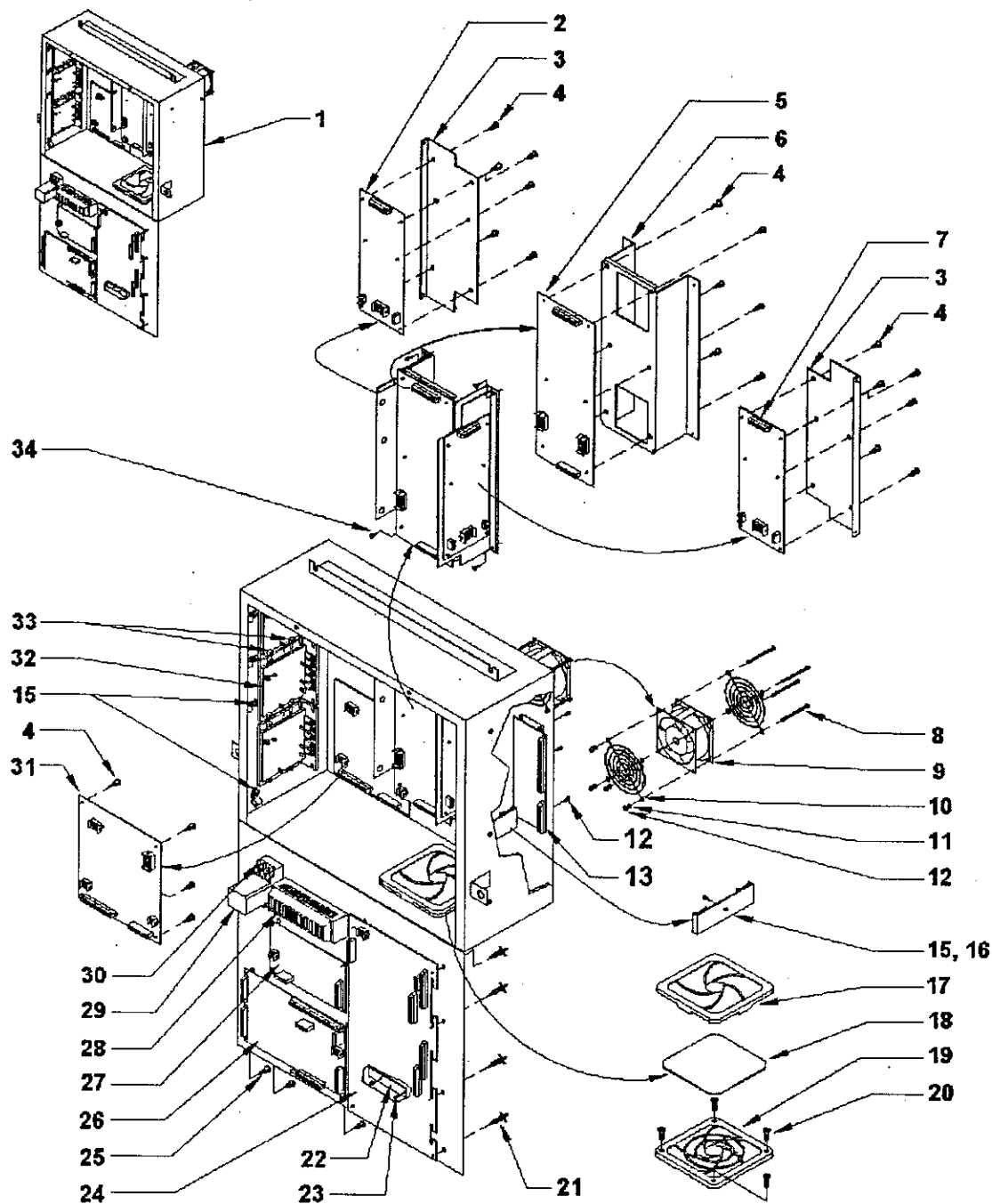
ELECTRICAL



ELECTRONICS BAY -- PART 1

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173424	ELECTRONICS BAY ASSEMBLY	1
2	173417	CABLE ASSEMBLY -- cpu to safety board	1
3	178860	CABLE ASSEMBLY -- inter. doubles sensor	1
4	178324	CABLE ASSEMBLY -- inter. sensors cpu	1
5	178323	CABLE ASSEMBLY -- cpu, air solenoid pc board	1
6	178475	CABLE ASSEMBLY -- cpu solid state relay	1
7	172693	CABLE ASSEMBLY -- sensors	1
8	172692	CABLE ASSEMBLY -- guards	1

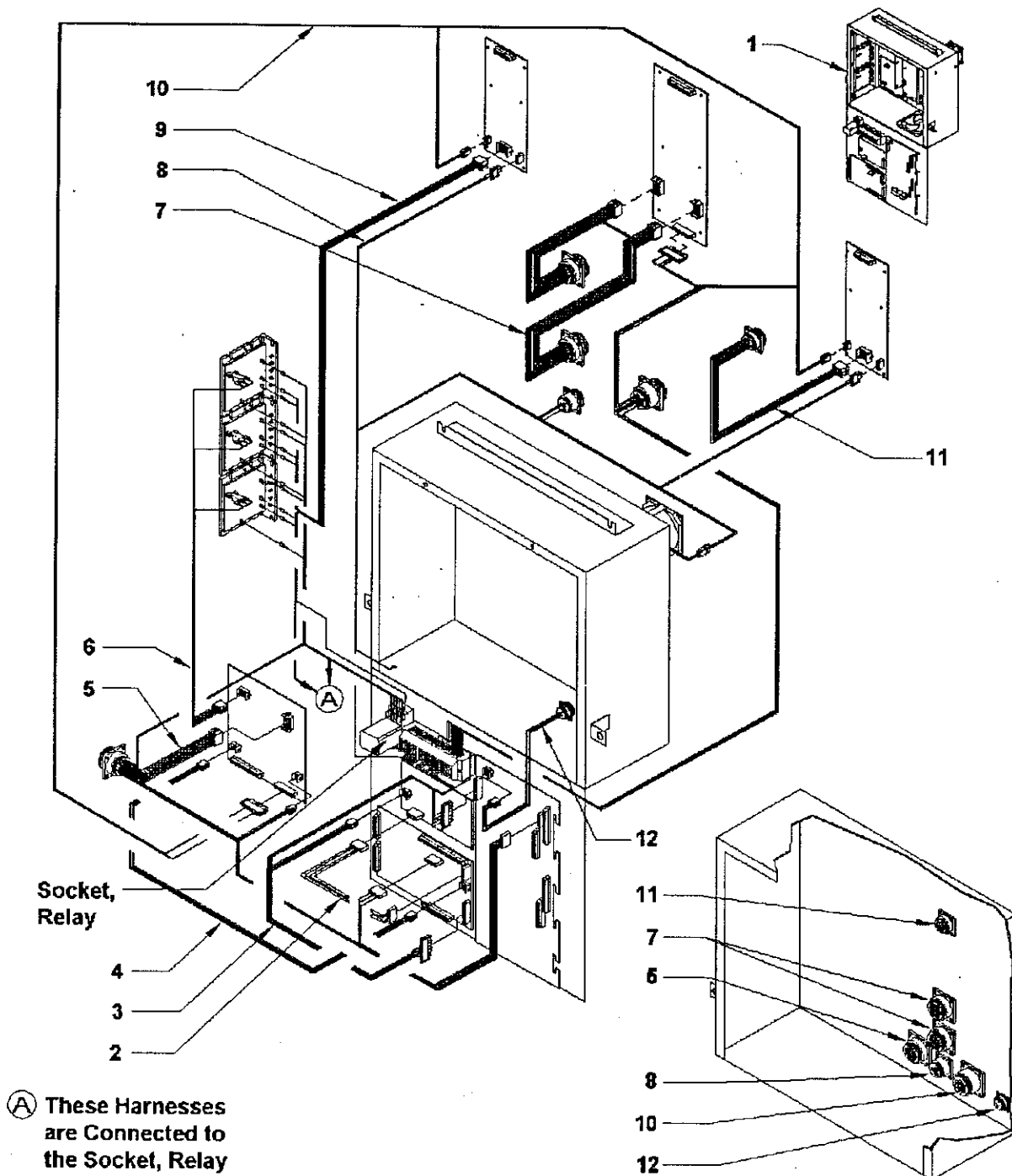
ELECTRICAL



ELECTRONICS BAY -- PART 2

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173424	ELECTRONICS BAY ASSEMBLY	1
2	173951	PC BOARD -- internal drive	1
3	179924	BRACKET -- circuit board	2
4	254183	STAND OFF -- 1/4 pc board	16
5	179614	PC BOARD	1
6	172871	BRACKET -- circuit board	1
7	173268	PC BOARD -- external drive	1
8	101516	SCREW	4
9	172889	FAN ASSEMBLY	1
10	253944	FINGER GUARD -- fan	2
11	001702	WASHER	4
12	150081	NUT -- lock	4
13	001541	SCREW -- Phillips	3
14	172504	PC BOARD ASSEMBLY	1
15	001661	SCREW	27
16	254462	CLAMP -- ribbon cable	5
17	172866	RETAINER -- filter	1
18	172865	MEDIA -- filter	1
19	172864	GUARD -- filter	1
20	100347	SCREW -- Phillips	4
21	254461	STAND OFF -- .750	6
22	172669	I/O PORT COVER ASSEMBLY	1
23	014291	SCREW -- Phillips	2
24	172881	PC BOARD ASSEMBLY -- main cp	1
25	254211	STAND OFF -- 1/2 pcb	8
26	179624	PC BOARD ASSEMBLY -- sensors	1
27	179626	PC BOARD ASSEMBLY -- doubles detector	1
28	253930	TERMINAL BLOCK ASSEMBLY	1
29	254202	RELAY -- 3pdt	1
30	254169	RELAY -- socket	1
31	173410	PC BOARD ASSEMBLY -- safety	1
32	083706	DC MOTOR CONTROL	1
33	001220	SCREW	11
34	100657	SCREW	4

ELECTRICAL



ELECTRONICS BAY -- PART 3

<u>FIGURE</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>UNITS PER ASSEMBLY</u>
1	173424	ELECTRONICS BAY ASSEMBLY	1
2	178178	CABLE ASSEMBLY -- double/interface	1
3	173484	HARNESS -- electronics bay dc	1
4	173483	HARNESS -- safety sign interface	1
5	173412	HARNESS -- interface	1
6	173419	HARNESS -- safety board dc motor	1
7	178478	HARNESS -- air driver output	1
8	173482	HARNESS -- electronics bay ac	1
9	173487	HARNESS -- internal ssr board output	1
10	173485	HARNESS -- electronics bay dc	1
11	178482	HARNESS -- ssr output pxt	1
12	178476	HARNESS SYSTEM -- RS232	1

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