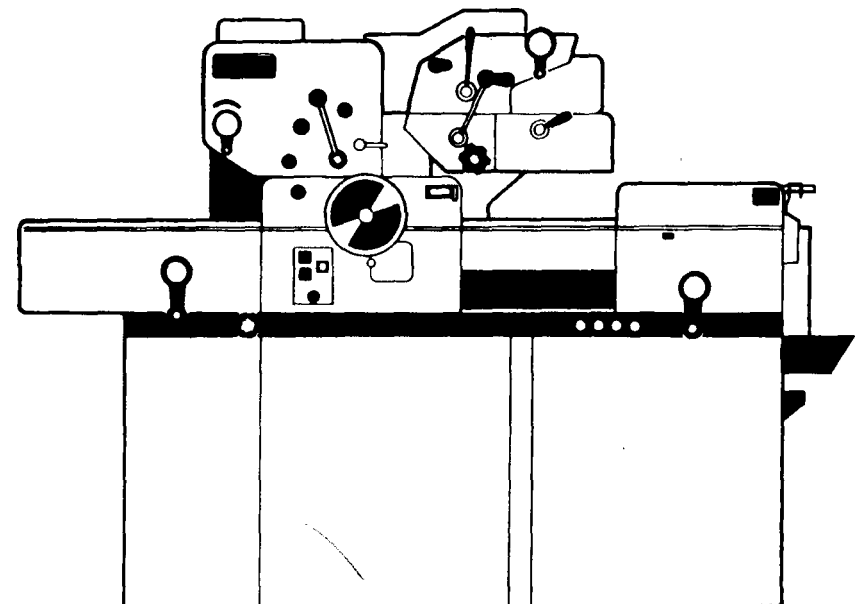


HP-4360-DU
REV. 1/92

MODEL 1960

parts catalog



AM Multigraphics.
Service Publications

explanatory notes

ALWAYS USE PART NUMBER AND DESCRIPTION WHEN ORDERING PARTS. DO NOT ORDER BY KEY NUMBER.

GENERAL

This illustrated Parts Catalog has been prepared to assist in identification of parts which require replacement as a result of wear, damage or loss.

PARTS GROUPS

A group shows a main physical sub-assembly. Each group comprises an itemized illustration and a list of parts shown in the illustration.

KEY

Every part or assembly listed has a key number which corresponds to the illustration. The key number for an assembly will appear in the illustration in a circle near the appropriate parts.

A suffix (A to Z, with the exception of I and O) may be added to the key number for parts which are identical as far as installation and function are concerned, but which differ in part, e.g. motors for different voltages (also relays, solenoids, etc.).

999 key numbers are given for parts not shown in the illustration.

PART NUMBER

Always use the full part number when ordering parts.

DESCRIPTION

This column includes the names of the parts in the group. Parts which require permanent riveting, welding or assembly in jigs or fixtures will be furnished assembled and not called out separately in the list.

QTY

This column shows the quantity of each part in the assembly.

PART CHANGES

Addendums or Amendments are issued when a new part is added or a part number is changed. Add or replace these new pages (with the word Amendment or Addendum printed along the bottom of the page) in the parts catalogs.

NUMERICAL INDEX

This section lists the parts numbers in numerical order and gives the drawing number (group number) and key number for identification.

SPECIAL NOTES

If a note number (NT) appears to the right of the quantity (QTY) column, reference should be made to the appropriate note at the end of the group listing.

AM Multigraphics reserves the right to modify specifications or design without incurring the obligation to change machines already sold.

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Printed by Service Publications, AM Multigraphics, January 1992.

TABLE OF CONTENTS

DESCRIPTION	GROUP	PAGE
Alternate Sheet Feed, Option	50	114-115
Blanket Cleaner Tray, Option	51	116-117
Blanket Cleaner, Option	51A	118-119
Blanket Cylinder & Counter	16	36-37
Blower Assembly, Side/Backstop	2	4-5
Cables	52	120
Conventional Moisture System	20	48-49
Conventional Moisture System Rolls	21	50-51
Conveyor Assembly	13,13A,13B	26-31
Cover & Exit Guard Assembly	40	90-91
Cylinder Latchup/Handwheel Assembly	15	34-35
Doors & Interlock Assembly	48	110-111
Doubles Detector	7	14-15
Doubles Sheet Ejection Assembly	9	18-19
Ejector Roll Assembly	39	88-89
Elevating Frame, Feed Roll, eovyel	14	32-33
Elevating Shaft Assembly	3	6-7
Feeder Drive Assembly	4	8-9
Impression Cylinder - Basic	17	38-39
Impression Cylinder - Graphics	17A	40-41
Infeed Rolls/Feed Roll Skew	8	16-17
Ink Cleanup Assembly	34	76-77
Ink Cleanup Attachment	34A	78-79
Ink Covers, Left	45	104-105
Ink Covers, Right, Basic/XE	46	106-107
Ink Covers, Right, MC	47	108-109
Ink Ductor Shaft Assembly	32	72-73
Ink Fountain & Drive Assembly	33	74-75
Ink Roll System, Basic	27	62-63
Ink Roll System, Graphics	28	64-65
Ink Roll System, MC	27	66-67
Jogger Receiving Tray	41	92-93
Light Fixture	44	102-103
Master Cylinder	18	42-43
Master Cylinder Lead Clamp	18A	44-45
Master Cylinder Shaft Assembly	19	46-47
MC Moisture Control, E Stop, to t a l t i l c l	35	80-81
MC Moisture System Left	24	56-57
MC Moisture System Right	25	58-59
MC Moisture System Rolls	23	54-55
Moisture Adjustment Assembly	22	52-53
Moisture Bottle/Bracket Assembly	26	60-61
Night Latch Shaft & Master Cylinder Wrench	31	70-71
Panel & Fan Assembly	49	112-113
Paper Feed Table & Guide Assembly	1	2-3
Paper Height Control Assembly	5	10-11
Power Box Assembly	43	96-97
Power Box Assembly - MC	43A	98-99
Power Box Assembly - SAM	43B	100-101

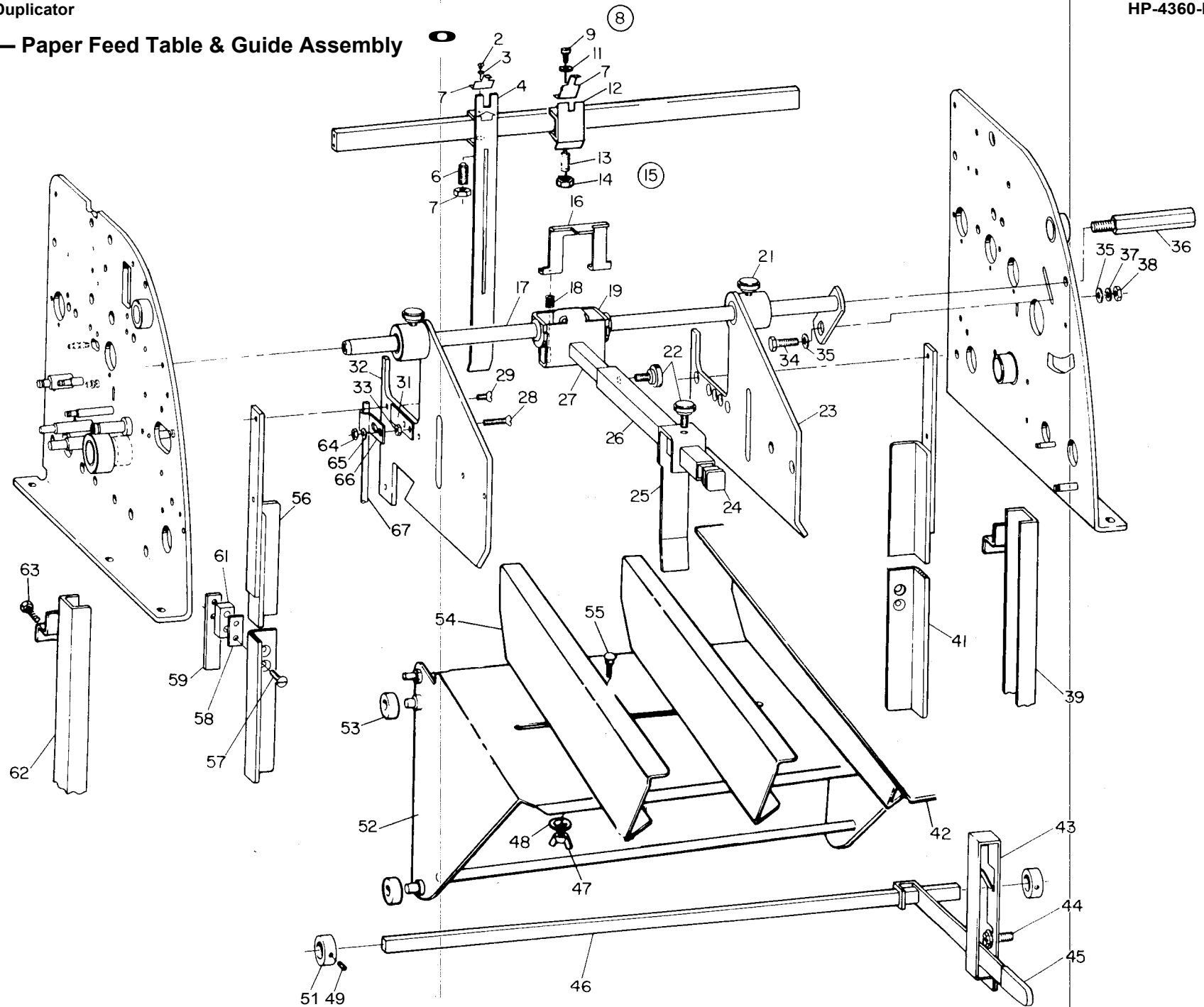
DESCRIPTION	GROUP	PAGE
Pump Motors & Drive Belts	42	94-95
Register Bar Assembly	12	24-25
Regulator Valve Assembly & Hoses	11	22-23
Safety Covers	37	84-85
Safety Cover Side Frames	36	82-83
Sheet Pickup & Suction Valve c<ssembly	6	12-13
Single Sheet Feed	10	20-21
Third Ink Form Roll	30	68-69
Upper Ejector Roll Assembly	38	86-87

DESCRIPTION - Chain Delivery	GROUPS 55-66	PAGE
Covers	66	148-149
Drive Shaft & Clutch Assembly	58	132-133
Frame Assembly	55	126-127
Gripper Bar Assembly	57	130-131
Jogger Activating Assembly	61	138-139
Jogger Assembly, Front	62	140-141
Lamp Assembly	63	142-143
Paper Guide Assembly	59	134-135
Paper Stop/Stripper Assembly	60	136-137
Table Assembly	56	128-129
Tinsel Holder	64	144-145
Safety Switch	65	146-147

DESCRIPTION - SecOhd Color Head GROUPS 67-87

Clamp Assembly	77	176-177
Conveyor Assembly	68,68A,68B	152-157
Covers	85	192-193
Drive & Ink Oscillator Roll	83	188-189
Ink Ductor Roll	82	186-187
Ink Form Roll & Cleanup Attachment	78	178-179
Ink Fountain	84	190-191
Intermediate Distributor Roll	81	184-185
Lower Unit	71,71A	162-165
Lower Unit, Left	69	158-159
Lower Unit, Right	70	160-161
Moisture Ductor Frame Assembly	72	166-167
Moisture Form Shut-off	74	170-171
Moisture Fountain & Frame	75	172-173
Moisture Rollers	73	168-169
Mounting Bracket Assembly	67	150-151
Plate Cylinder	76	174-175
Safety Covers	86	194-195
Side Covers	87	196-197
Upper Unit, Left (MC)	80	182-183
Upper Unit, Left (XE)	79	180-181

GROUP 1 — Paper Feed Table & Guide Assembly



AAA Multigraphics,**technical bulletin****Technical Service****TB-2519-IV
General - 54****01st Technical Management**

Administrative Management

Technical Representatives

Home Office Management

International SubsrDeaters

Date: March 31, 1985

Subject NIS Backstop Assembly Kits

MODE1S: 2650,2850, 2975, 1300, 1400, 1600,1100. 1900, 3850, 3875, 4600**CONDITION:** To eliminate Feeder Backstop assembly failure_ The old style backstop rod assembly has been obsoleted and replaced with an upgraded backstop locking assembly.**ACTION AT
THE PLANT:** New Backstop parts have been incorporated beginning with July, 1994 production.**ACTION f N
THE FIELD:** When backstop locking mechanism fails, order one of the following kits using standard ordering procedure.**Models 2A505,28505. 29755 - Order Kit P/N 13-0-209315_ Kit includes:**

13-6-209137	Rod Assembly	(1)	50162	Nut, Keps, 10-32	(2)
13-7-209136	Bracket	(1)	50606	Set Screw, 10-32x ⁵ / ₈	(2)
13-8-209135	Block	(2)			

Models 1300, 1400, 1600, 1100, 3850, 3875- Order Kit P/N 13-9-209316. Kit includes of:

13-5-209138	Rod Assembly	(1)	50162	Nut, Keps, 10-32	(2)
13-7-209136	Bracket	(1)	50606	Set Screw, 10-32x ⁵ / ₈	(2)
13-8-209135	Block	(2)			

ktM Models 1900, 4600- Order Kit P/N 13-8-209317. Kit includes of:

13-4-209139	Rod Assembly	(1)	50162	Nut, Keps, 10-32	(2)
13-7-209136at19	Bracket	(1)	50606	Set Screw, 10-32x ⁵ / ₈	(2)
13-8-209135	Block	(2)			

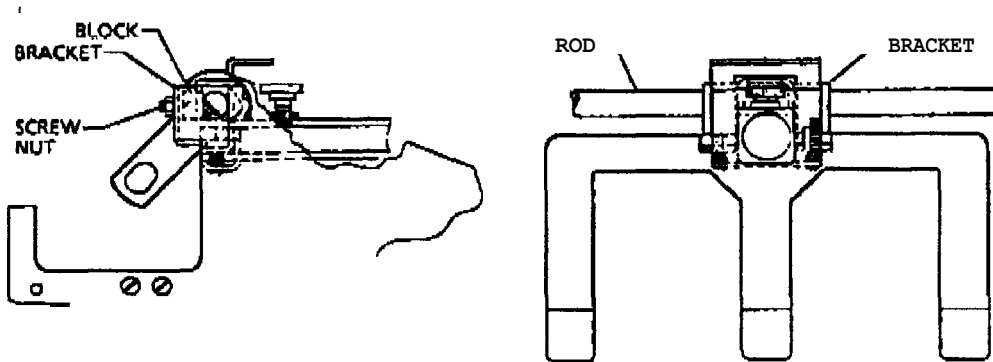
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11-2519-Du**Page 2**

- On the old style rod assembly the flat side faces down.

On the new style rod assembly the flat side faces the back of the machine.

The new style assembly has a new bracket to accommodate the two new support blacks, screws and nuts.



g 07,0e7 *B. C. Phillips*

B. C. Phillips
National Service Director

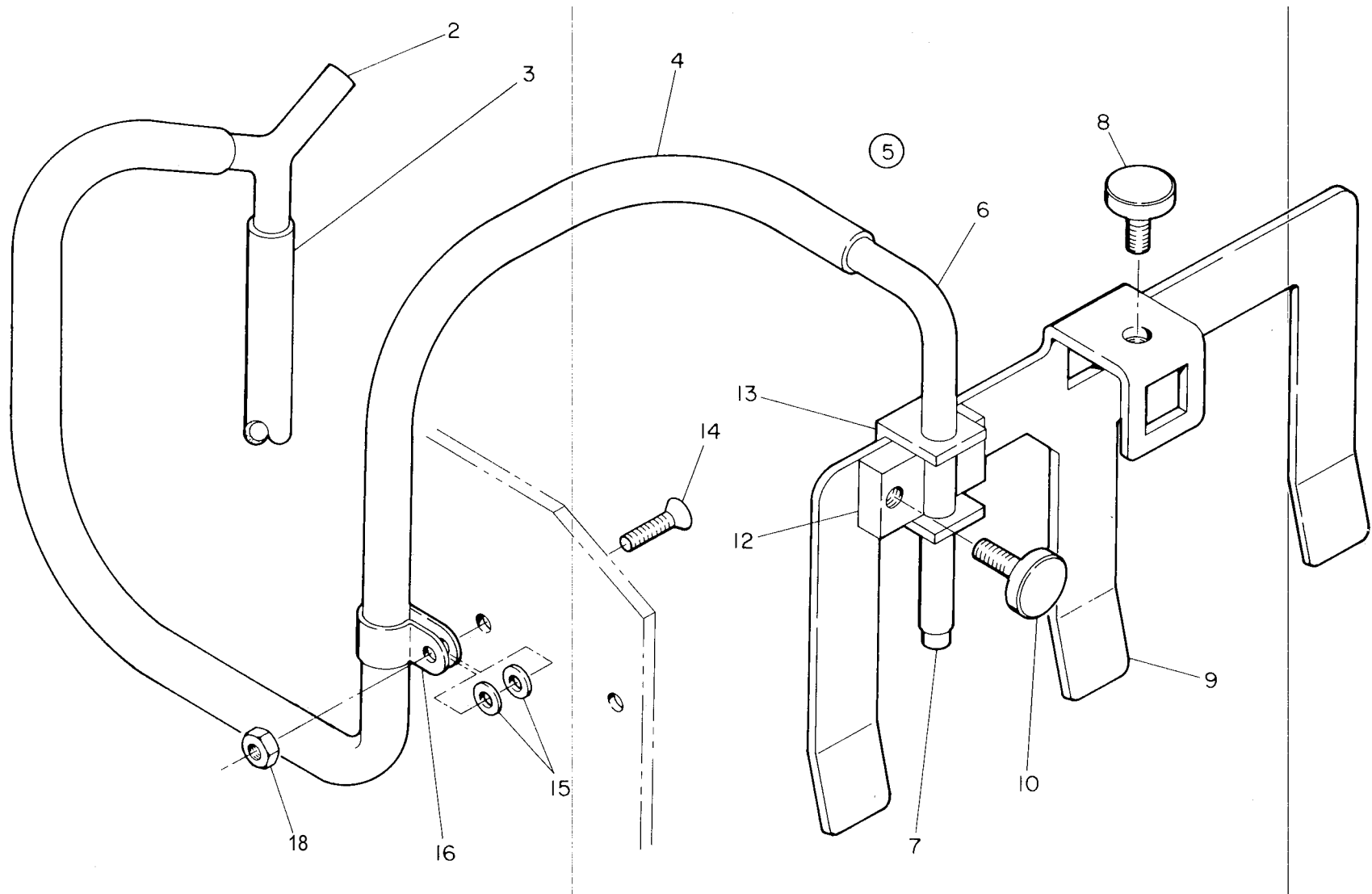
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GROUP 1 — Paper Feed Table & Guide Assembly

KEY	PART NUMBER	DESCRIPTION	CITY NT
1	13-..7194882	BKT. ASSY. (2..*6)	
2	71-4024	SCREW 4-40	1
3	2162401	WASHER	
4	13.6188745	SEPARATOR ASSY.	
5	4--337	NUT, HEX 5/16..*24	
6	4*-731-A	RETAINER ASSY.	
7	120.-4033	CLIP	3
8	132-187816	BKT. ASSY. COMP. (914)	2
9	714024	SCREW	1
11	216-2401	WASHER	1
12	13...-3-191627	BKT. ASSY.	1
13	4-*731-A	RETAINER ASSY.	1
14	4-337	NUT	1
15	13.7190641	GUIDE ASSY*, PAPER FEED INCL. 16.281p 31-33	1
16	13-1-190407	BKT.. BACKSTOP MTG.	
17	13. 190230	ROD ASSY.* BACKSTOP	1
18	120*-11002	SPRING	
19	133-190405	STOP. EMT*	1
	750573		2
21	13-5-186328	SCREW, THUMB 1/420	2
22	13-1-193427	SCREW. THUMB 1/4..-20	2
23	13-.-7-197109	GUIDE PLATE. Re	
24	13.*0.-193428	ENO CAP	
25	135*-190403	BACKSTOP (TRIPLE W/ASSY.)	
	131-191538	BACKSTOP (SINGLE/KIT)	1
26	135.190395	TUBE ASSY*	1
27	139-190409	BKT. ASSY.. BACKSTOP	1
28	48....409....447D	SCREW. FIL HD 10.....32X718	4
29	48.409..*157D	SCREW. 10-..32X5/16	4
31	13-..5-192292	SPACER	2
32	13-0-197106	GUIDE PLATE. Le	1
33	413-*43503613	NUT, HEX 10-*32	4
34	48.-411-410D	SCREW. HEX 1/4.....20X3/4	1
35	F2-2064	MASHER. FLAT 17/64 10	2
36	13.5196699	STANDOFF ASSY, R.	1

KEY	PART NUMBER	DESCRIPTION	QTY NT
37	48.*.438-.20813	WASHER. LOCK 1/4	1
38	48435--043D	NUT. HEX 1/4-.-20	
39	13-5-192458	CHANNEL ASSY. R.	1
41	13-4-197102	GUIDE. R.	1
42	13-...6-195526	BOARD, PILE (SMALL)	1
	13-5-195527	BOARD. PILE (LARGE)	
43	131-*193906	LATCH. PAPER CARRIER	1
44	48-4112806	SCREW. 1/420X1/2	1
45	13-9-.492462	LEVER ASSY.. LOCKING	
46	13-*4...192467	BAR. LOCKING	1
47	62-10	WING NUT	3
48	60...403	WASHER	.3
49	850-5064	SET SCREW	2
51	13*..4.*194638	COLLAR	2
52	13-..8-.488560	TABLE ASSY.. PAPER	1
53	112-235	ROLLER	4
54	13.1*..187213	SUPPORT, PAPER	
55	200-559	BOLT	
56	13-3197103	GUIDE. L.	
57	48-..404*407C	SCREW. 10.*.32X ³ / ₄	4
58	13.*..6-194636	SPACER. FEEDER LOCK	1
59	135...194637	SPRING. CLAMP	2
61	13-3-194639	SPACER, FEEDER LOCK	2
62	13...1...192460	CHANNEL. Le	1
63	A4,4*-1804	SCREW	4
64	91-2152	NUT, HEX 10-32	4
65	316/0	WASHER. BCWED	4
66	13-.-6192291	CLAMP	2
67	13-3-172387	HOSE	2
999	13-..7-..193991	LABEL. LOCKING LEVER	1
	120 .'1025-*2	FOOT, LEVELING	4

GROUP 2 — Blower Assembly/Side Backstop

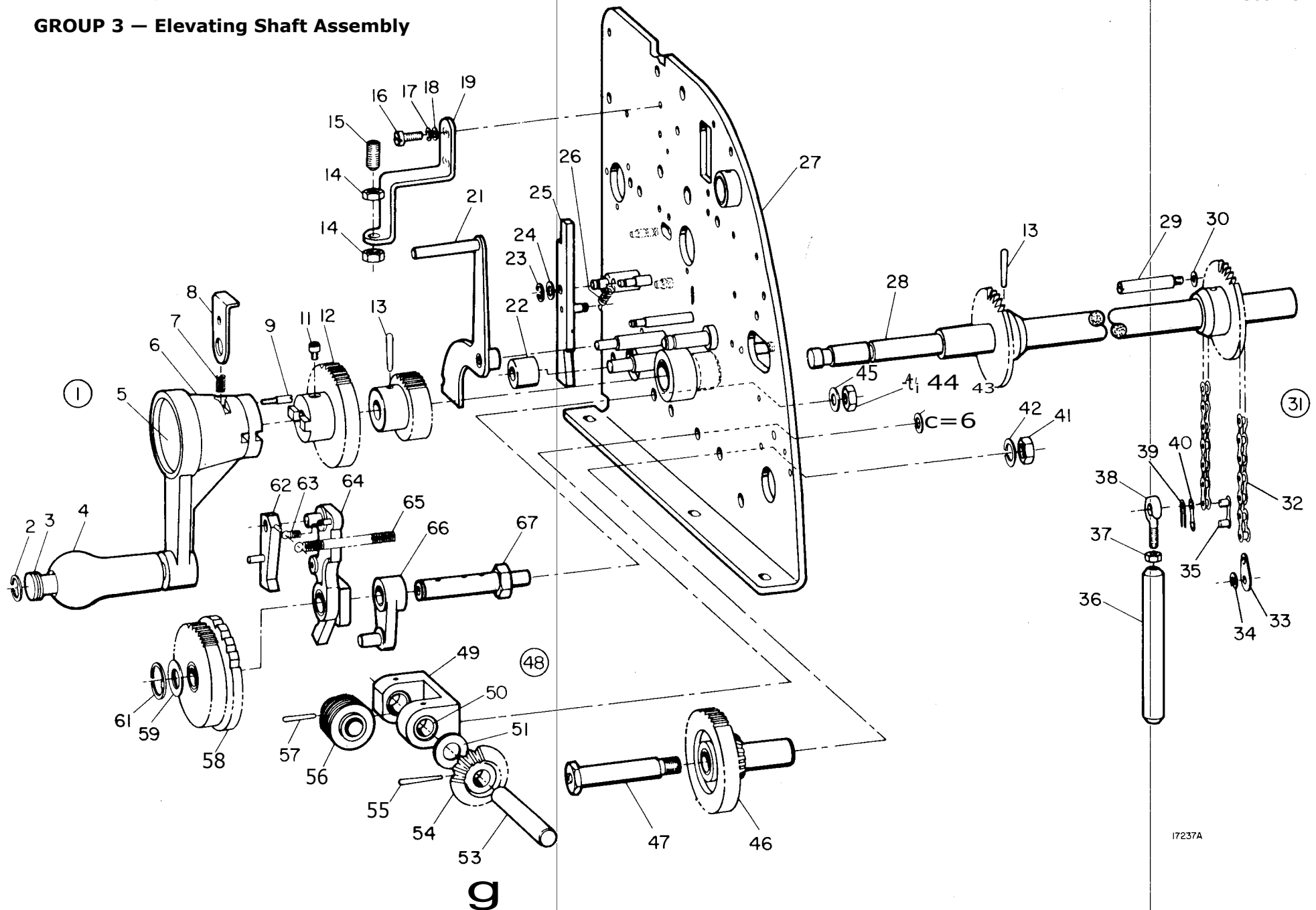


17240A

GROUP 2 — Blower Assembly/Side Backstop

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-1-1 195117	BLOWER ASSY. (2-7)	1
2	1202047	CONNECTOR. Y	1
3	120-2045	HOSE, 3/8X9/16X16	1
4	130-1-1803	HOSE. 5/16X1/2X36	2
5	136-1-195112	TUBE ASSY.	2
6	13-5-1-195113	TUBE, BLOWER	2
7	13-5190361	PLUG	2
8	13-1-1-193427	THUMB SCREW	1
9	13-5190403	BACKSTOP	1
10	13-3-1-195115	THUMB SCREW	2
12	13-1-4-1-195114	CLAMP, TUBE	2
13	13-7-1-195111	CLAMP. CHANNEL	2
14	48-409-3670	<u>SCREW. FM.</u> HD 1032X5/8	2
15	F2-33242	WASHER	4
16	48-063-1107	CLAMP. CABLE	2
18	50162	NUT. KEPS 10-32	2

GROUP 3 — Elevating Shaft Assembly



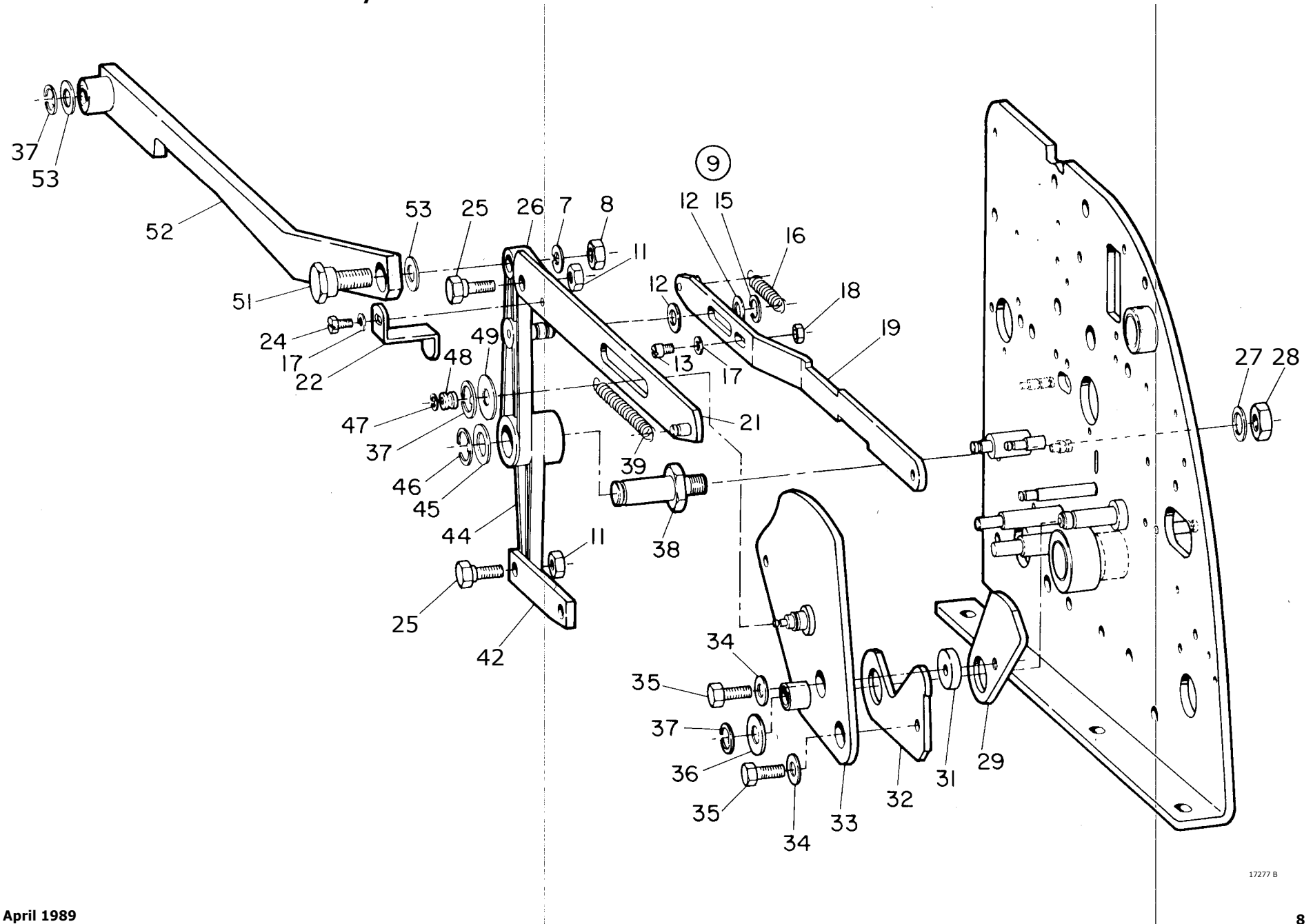
17237A

GROUP 3 — Elevating Shaft Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-5-197119	CRANK ASSY. (2•.9)	1	
2	120-7335	WASHER C		
3	13-0-.492289	PIN		
4	13-4*142983	HANDLE, CRANK		
5	13-..2-130352	INSERT, HANDLE	1	
6	13-0-187602	CRANK	1	
7	WP-2330	SPRING	1	
8	185-5174	RETAINER, CRANK		
9	A7.•.87721	SCREW	1	
1/	OG-302	SCREW	1	
12	1205168-2	GEAR, IDLER		
13	130*5103	PIN		
14	4-337	NUT	2	
15	4-731-A	RETAINER ASSY.	1	
16	48-406-2770	SCREW. 10.-32X1/2	2	
17	48-•438-2064	WASHER, LCCK #10	2	
18	F2-33242	WASHER	2	
19	132-179219	BRACKET	1	
21	1381-'-187208	RELEASE LEVER ASSY.	1	
22	120...5154	BUMPER		
23	170-1331	WASHER, C	1	
24	4-331	WASHER	1	
25	13-4...490727	LATCH ASSY., DRIVE PAWL	1	
26	13-2.-186974	SPRING	1	
27	185-5000-A	PLATE ASSY., FEEDER L.	1	
28	13-9-188551	SHAFT ASSY.. PAPER ELEV.	1	
29	120-5422-1	SCREW. CHAIN RET.	2	
30	OG-424	WASHER	2	
31	120-5175A	CHAIN ASSY., PAPER ELEV.	2	
32	120-5175	CHAIN		
33	112-239	ANCHOR LINK. CHAIN	1	
34	40....1813	WASHER. C	1	
35	112-254	LINK, CONNECTING	1	
36	13-1-163339	WEIGHT		
37	48-435-035C	NUT		
38	108.-448	SCREW	1	

KEY	PART NUMBER	DESCRIPTION	QTY	NT
39	112....256	CLIP. SPRING	1	
40	112-..255	PLATE, COVER		
41	48-436....054C	NUT	1	
42	60-158	LOCKWASHER	1	
43	47C-4362	SCREW	2	
44	ULG-6011	WASHER. LOCK	2	
45	OG-1305	WASHER		
46	1205130M.4A	GEAR ASSY.	1	
47	120-5125A	SCREW ASSY.		
48	120-511A	SHAFT ASSY. BRG BLK/WORM	1	
49	132-196874	BLK ASSY.. W/BUSHING	1	
50	120.-51/0	BUSHING	2	
51	17-.494	WASHER	1	
52	1205115-A	SHAFT ASSY. ELEV. WORM	1	
53	120-5115	PIN	1	
54	120-•5117	GEAR		
55	XM-.-4/5	PIN	1	
56	120-5116	WORM	1	
57	OG....501	TAPER PIN		
58	1205160-1A	RATCHET & GEAR ASSY.	1	
59	17-..494	WASHER	1	
61	170-1320	WASHER. C		
62	120-5151A	PAWL ASSY., DRIVE		
63	26-4073	SPRING	1	
64	120-515-A	ARM ASSY., RATCHET DRIVE	1	
65	69-444	SPRING	1	
66	120...514-..A	LEVER ASSY. DRIVING RTCHT	1	
67	120-5135-A	STUD ASSY.	1	

GROUP 4 — Feeder Drive Assembly



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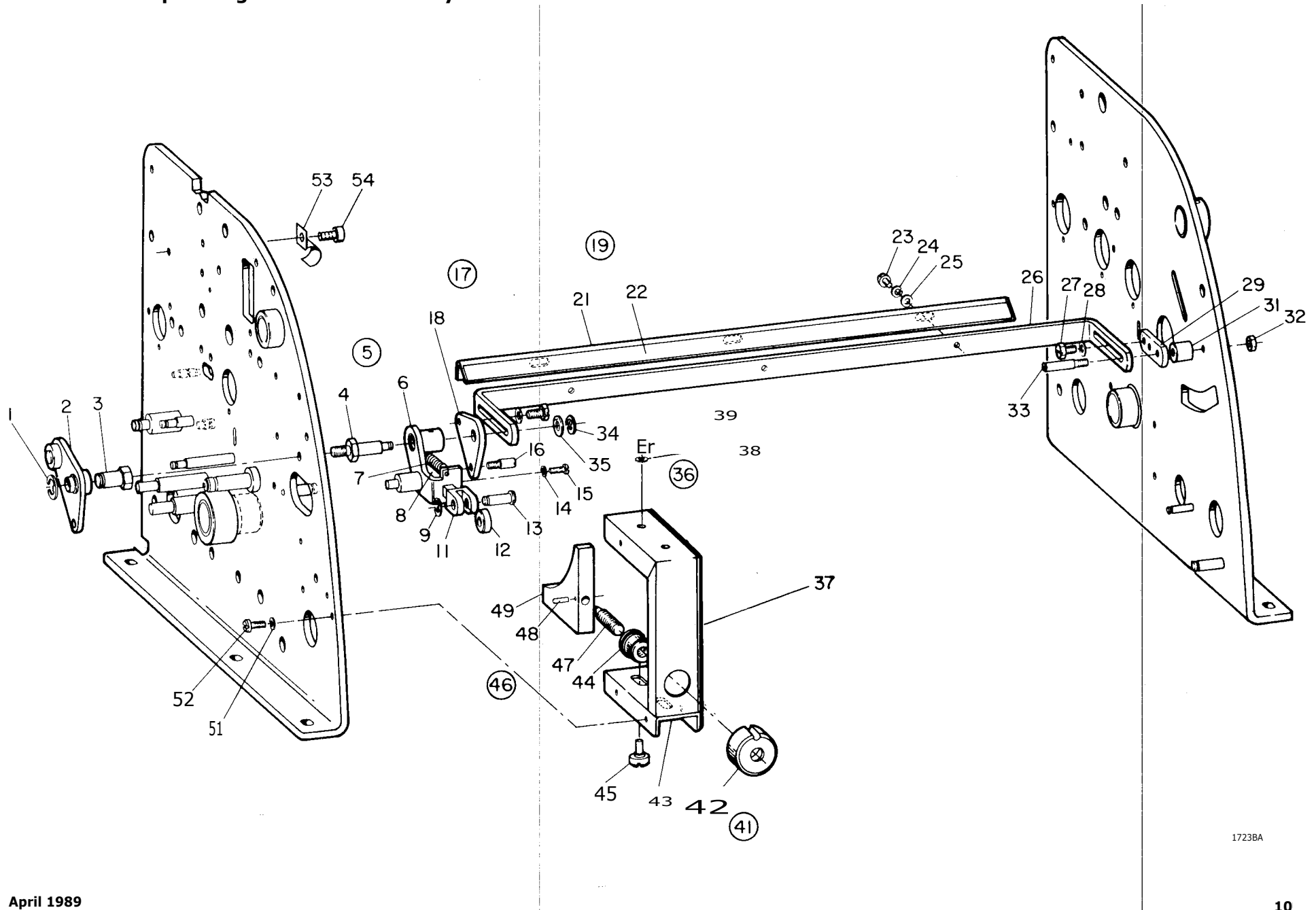
GROUP 4- Feeder Drive Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
	7 0G-1305	WASHER, LOCK 3/8 LITE	1
	8 48-436-054C	NUT	1
	9 13-8-188818	LINKAGE ASSY. FEEDER DR.	1
		INCL. 11-26, 37, 42, 44	
	11 48-436-043D	NUT, HEX 1/4-20	2
x	12 108-473	WASHER	2
	13 66-128	SCREW	1
	15 40-1813	WASHER, C	1
	16 D3-5149	SPRING	1
	17 F2-33242	WASHER	1
	18 13-0-197999	NUT	1
	19 13-6-189412	LINK ASSY., DRIVE BAIL	1
	21 185-5702-A	LINK, CAM DRIVE	1
	22 120-5735	CLIP, LATCH TRIPPING	1
	24 48-411-157C	SCREW, 10-32X5/16	1
	25 190-5052	SCREW, 1/4-20X19/32	2
	26 195-6064	WASHER	1
	27 0G-1305	WASHER	1
	28 48-436-054C	NUT	1
	29 185-5745	CAM, BAR CONTROL	1
	31 185-5746	SPACER	1
	32 13-9-196067	PLATE, CAM LOCK-UP	1
	33 185-5740-A	CAM ASSY. SUCTION FOOT OP	1
	930-3223	WASHER	1
	34 69-172	WASHER	2
	35 190-1027	SCREW 1/4-20X5/8	2
	36 XM-68	WASHER	1
	37 170-1802	C WASHER	1
	38 185-5704-A	STUD ASSY.	1
	39 190-1149	SPRING	1
	42 120-5705	LINK DRIVE, PAPER ELEV.	1
	44 185-570-A	LEVER ASSY., FEEDER DRIVE	1
	45 17-494	WASHER	1
	46 170-1320	C WASHER	1
	47 678-1437	C WASHER	1
	48 750-3709	BUSHING	1
	49 195-6064	WASHER	1
	51 216-2565	SCREW, ADJ.	1
	52 13-4-179159	LINK ASSY., FEEDER DRIVE	1
	53 117-438	WASHER, 3/8	1

*

Indicates Change

GROUP 5 — Paper Height Control Assembly



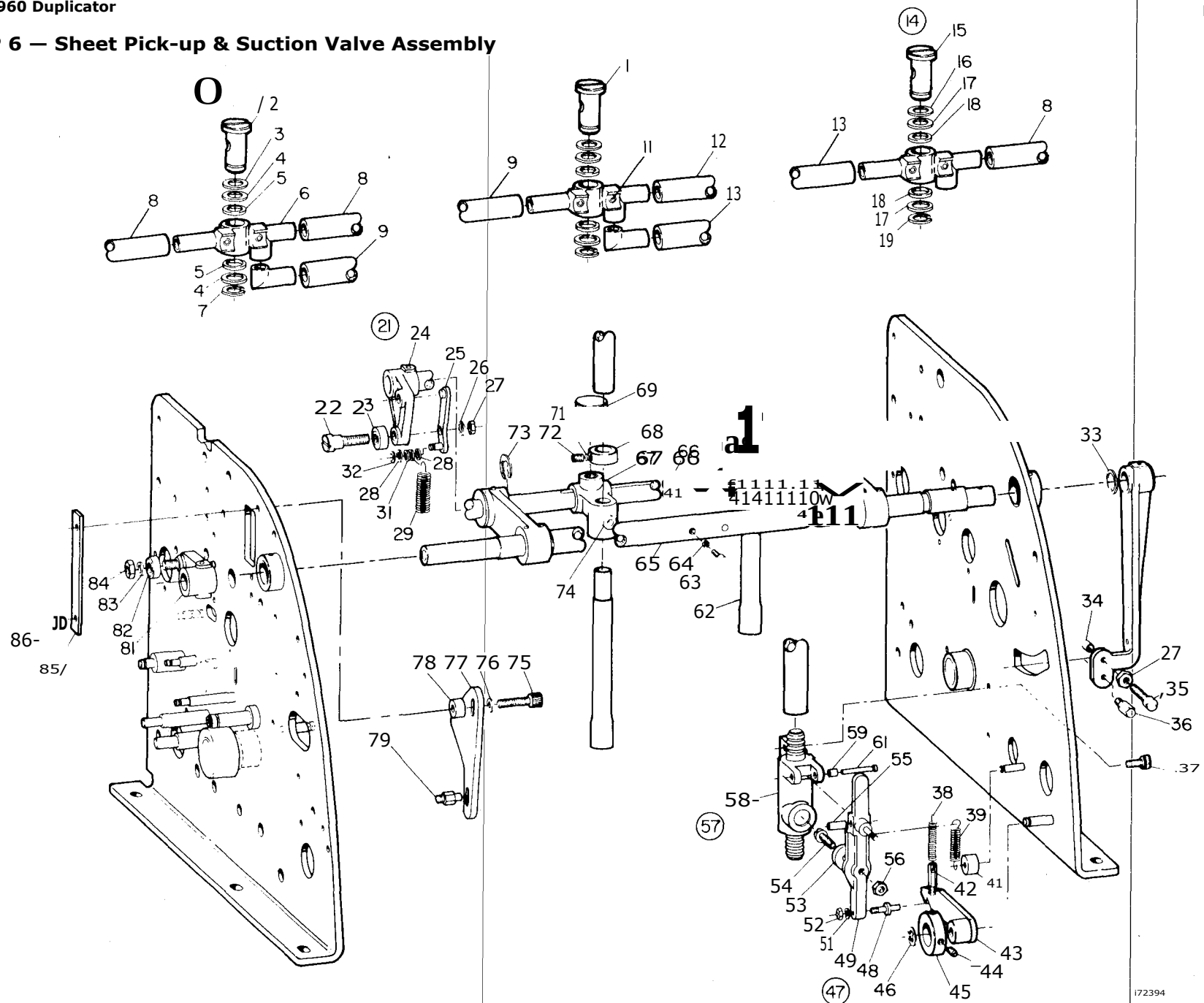
1723BA

GROUP 5- Paper Height Control Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	850-2014	C WASHER	1	28	F2-33242	WASHER	2
2	185-5612-A	BELL CRANK ASSY.	1	29	13-4-188069	ARM, HEIGHT CONTROL	1
3	185-5610	STUD, BELL CRANK	1	31	D3-5528	COLLAR	1
4	185-5609	STUD, BAIL BAR	1	32	XM-875	NUT, HEX 10-32	1
5	13-3-195776	BKT. ASSY. BAIL BAR COMP.	1		48-438-206A	LOCKWASHER	1
		INCL. 6-16		33	F2-1136	SCREW	1
6	13-1-195760	BRACKET ASSY.	1	34	1720-1031	C WASHER	1
7	13-1-195752	SPRING, EXTENSION	1	35	4-539	WASHER	1
8	13-2-195751	BRACKET, SPRING	1	36	13-8-196860	HOUSING & CAM ASSY. 37-49	1
9	1937-3734	C RING	1	37	13-2-196858	PLATE ASSY. COVER	1
11	13-8-195763	YOKE ASSY	1	38	48-438-2058	WASHER, LOCK 18	2
12	120-5562	BEARING, BALL	1	39	48-419-154B	SCREW, PAN HD. 8-32X5/16	2
13	13-8-195755	PIN, PIVOT	1	41	13-7-196861	HOUSING ASSY. BAIL BAR	
14	48-438-204B	WASHER, LOCK	1			INCL. 42-44	
15	48-419-1928	SCREW, PAN HD. 6-32X3/8	1	42	13-8-190566	KNOB, FORM ROLL	1
16	13-9-195754	PIN, PIVOT	1		13-0-198823	WASHER	1
17	13-7-196606	CONTROL ASSY. PAPER HT.	1	43	13-1-196859	HOUSING ASSY. BAIL BAR	1
		INCL. 18-29		44	13-4-195767	BUSHING, THREADED	1
18	13-6-195757	ARM, BAIL L.	1	45	13-0-195753	SCREW, SHOULDER	2
19	13-5-188357	SCALE ASSY., BAIL 21-22	1	46	13-2-195777	PLATE ASSY., CAM 47-49	1
21	13-5-178663	SUPPORT, BAIL SCALE	1	47	13-6-195765	SCREW, ADJUSTMENT	1
22	13-2-188350	SCALE	1	48	27591	PIN, ROLL	1
23	48-419-154C	SCREW, 8-32X5/16	3	49	13-7-195764	PLATE, CAM	1
24	48-438-405A	LOCKWASHER 18	3	51	48-438-205B	WASHER, LOCK	3
25	EF-4307	WASHER, PLAIN 18	3	52	48-406-194C	SCREW, FIL. HD. 8-32X3/8	3
26	13-8-182407	BAR, BAIL	1	53	2704	CLAMP	1
27	48-411-197C	SCREW, 10-32X3/8	2	54	48-406-154C	SCREW	1

* Indicates Change

GROUP 6 — Sheet Pick-up & Suction Valve Assembly

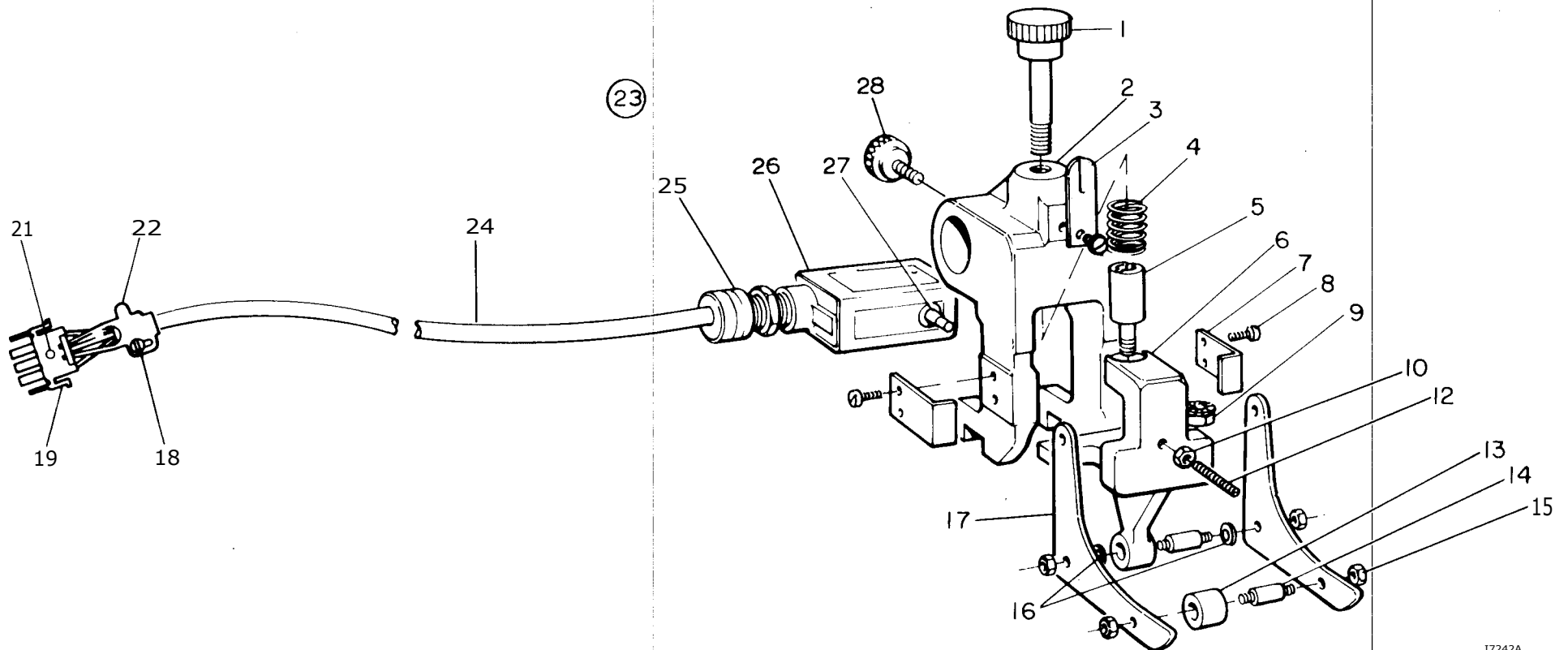


GROUP 6 — Sheet Pick-up & Suction Valve Assembly

KEY	PART NUMBER	DESCRIPTION	CITY	NT
	13-.-0-'190390	VALVE ASSY. COMP. HOSE		2
		INCL. 2-7		
2	13-0-194822	AIR PLUG		
3	13-..9 194740	WASHER. SPRING		1
4	12-6055-90	WASHER		2
5	501-117	0 RING		2
6	13-2-190380	VALVE ASSY. HOSE CONN.		
7	65005	RING, RETAINING		
8	13-1-197816	HOSE. SUCTION FOOT		3
9	13-0-1978/7	HOSE. SUCTION FOOT CENTER		1
11	48-4332720	SCREW. SOC CAP 6*...32X1/2		6
	48-438-204R	WASHER 06		6
12	13-8-1978/9	HOSE, SUCTION FOOT Re		
13	13-9-197818	HOSE. AIR		
14	13-4-197805	VALVE AS50'4/15-19/		
15	13-0-194822	AIR PLUG		
16	/3-9-194740	WASHER. SPRING		
17	12-6055-90	WASHER		
18	501-117	0 RING		
19	65005	RING, RETAINING		
21	13*03-...197801	SHAFT ASSY. SUCTION FOOT		1
		INCL. 22-28 31,32-36		
22	29-1220	SCREW. 10-32X3/4		
23	2914495	ROLLER, LIFTING BAR		1
24	0G-318	PIN		
25	185-5505-A	STRAP ASSY*. SPRING		
26	48-438-206R	WASHER. LCC0 010		
27	0M-875	NUT. HEX 10-32		
28	660-1604	WASHER		2
29	HA-5019	SPRING		1
31	750-3709	ROLLER. DRIVE LEVER		
32	678-1437	RING. RETAINER		
33	17-493	WASHER. SHIM	AR	
34	1205579	BUMPER		1
35	48-..406-567C	SCREW, 10-32X1-1/4		
36	36-..538	SCREW. 10-32X ⁷ / ₃₂		
37	48-.-406-2770	SCREW, FILE 1032X1/2		2
	48438-206A	WASHER. LCC0 010		2
38	13-5-193043	SPRING		
39	XM-2647	SPRING		
41	196.-2015	BUMPER		
42	36--538	SCREW. 10-32X7/32		

KEY	PART NUMBER	DESCRIPTION	QTY	NT
43	185-5513-A	LATCH ASSY.		
44	19..55	SCREW. 10-32X//4		1
45	185-5516	COLLAR		
44	/70-1331	C WASHER		
47	120557-..1A	LEVER ASSY.. VALVE CONTRL		1
		INCL. 48-56		
48	120-55721	PIN. VALVE OP.		
49	120-..5571	LEVER. VALVE CONTROL		1
51	48-438-204R	LOCK WASHER 06		
52	4-553	NUT. HEX 6-40		
53	138.-195227	WASHER		
54	48-..406-367C	SCREW. 1032X5/8		
55	120-5574	BUSHING		
56	50162	NUT. KEPS 1032		
57	120...-556-.-14	VALVE ASSY. AIR CONTROL		
		INCL. 58-61		
58	/20-5561	VALVE, AIR CONTROL		
59	1205560	BUSHING		2
61	120-5578	PIN		
62	130-5553	FOOT. SUCTION		3
	1855508	RUBBER TIP		
63	48--433--272D	SCREW, SOC HD 6-32X ¹ / ₂		2
64	48--438-•204R	WASHER LOCK 06		2
65	13•..7..•197802	SHAFT ASSY. ' SUCTION FOOT		1
66	13-7-189379	SHAFT ASSY. .FOOT PIVOT		
67	13-3-189076	HOLDER, SUCTION FOOT		
68	120-2709	COLLAR		2
69	13-'7-195756	THUMB SCREW. SUCTION FT.		2
71	/20-9863	PIN. PLASTIC		4
72	ARM-9521	SET SCREW		2
73	50-1535	RING, RETAINER		
74	17-17	SCREW. 10-24X1/4		2
75	48-433-447C	SCREW. /0-32X7/8		
76	F2-33242	WASHER		
77	130-5554	CAN, SUCTION FOOT		
78	62-16	SPACER		
79	/3-4-194562	STUD, ECC•		
81	185-5501-..A	LEVER ASSY.. CAM		
82	120-5562	BEARING. BALL		
83	69-389	WASHER. FLAT		
84	40-1836	NUT, HEX 1/4-28		
85	133-194563	NUT BAR		
86	50162	NUT		1

GROUP 7 — Doubles Detector

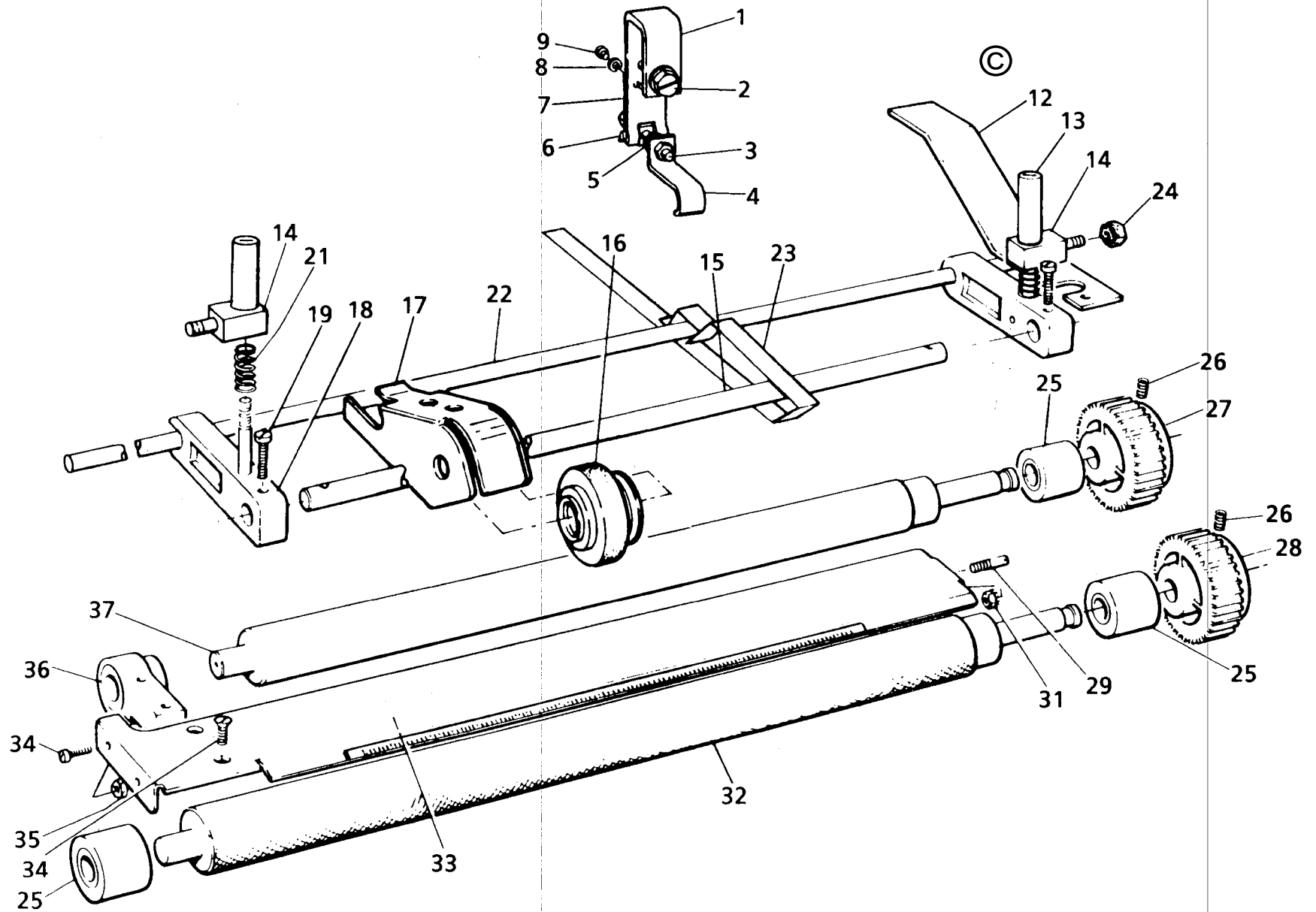


17242A

GROUP 7— Doubles Detector

KEY	PART NUMBER	DESCRIPTION	QTY	NT
	13-9-192199	DETECTOR ASSY. DBL SHEET	1	
1	13-.9-165526	SCREW. ADJ.	1	
2	13-0-192198	BRACKET		
3	13-7-165502	CLIP	1	
	120-542	SCREW. 8-32X3/16	1	
4	XM-2482	SPRING	1	
5	120-5400	STUD	1	
6	120-541	BRACKET. SWITCH	1	
7	120-5411	GUIDE. SWITCH BKT.	2	
	48-406-154C	SCREW	4	
9	190-102	NUT	1	
10	OG-635	NUT	1	
12	F2-20651	SCREW	1	
13	120-5410	BEARING	1	
14	120-5407	STUD	3	
15	XM-875	NUT	6	
16	F2-6004	WASHER	2	
17	120-5406-1	FEELER FINGER	2	
18	48P-450-4030	SCREW. 6-20X3/4	2	
19	15-8-050518	HOUSING. 3 PIN	1	
21	13-8-185111	LABEL. COLOR CODE RED	1	
22	13-1-182362	STRAIN RELIEF	2	
23	13-4-182377	SW. ASSY. SINGLE SHEET	1	
24	13-4-187459	CABLE ASSY.	2	
25	13-0-187461	STRAIN RELIEF	1	
26	13-1-187460	COVER, SWITCH	1	
27	E121-79	SWITCH	1	
28	24-33	SCREW	1	

GROUP 8- Infeed Rolls / Feed Roll Skew

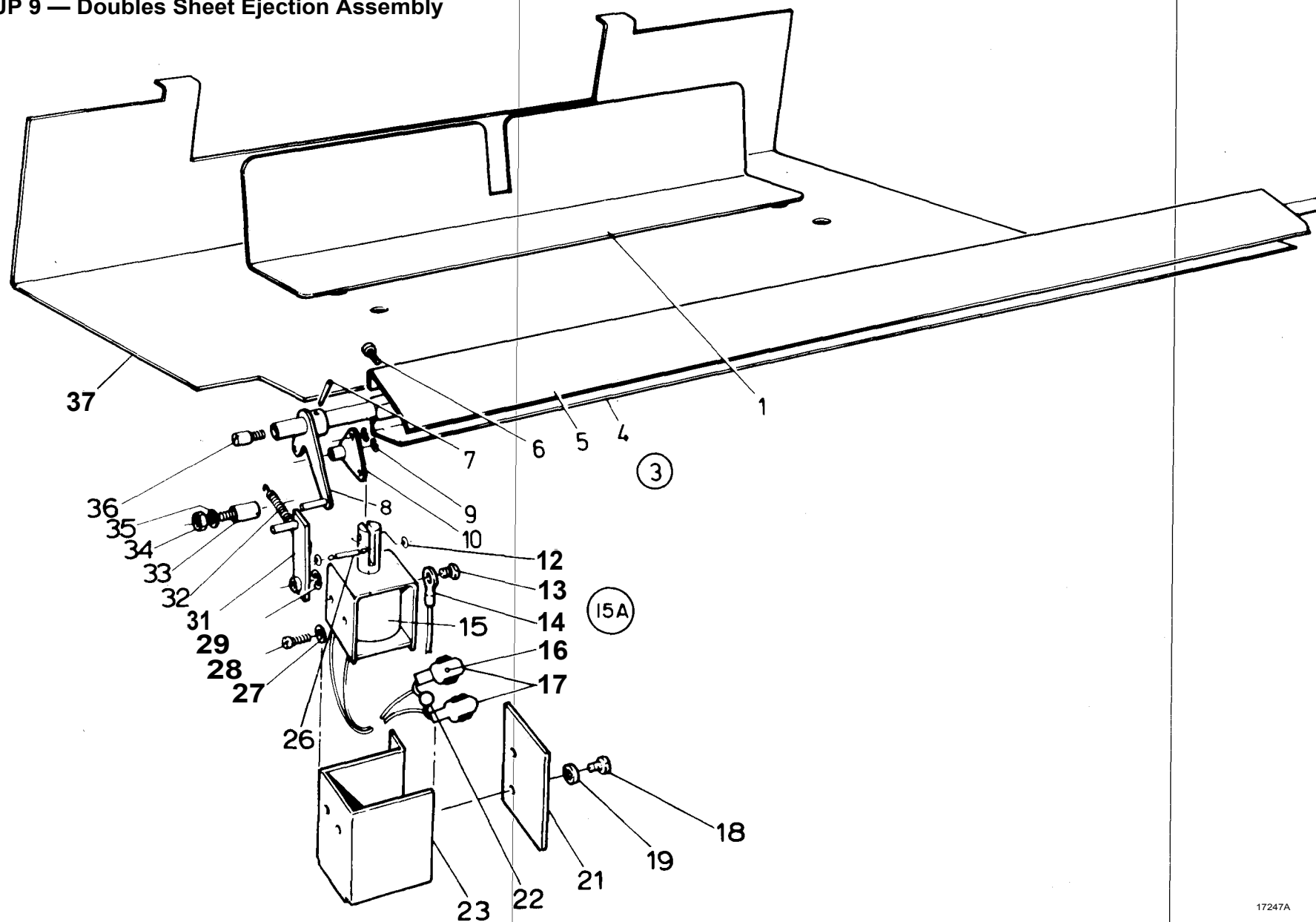


GROUP 8- Infeed Rolls / Feed Roll Skew

	KEY	PART NUMBER	DESCRIPTION	QTY	NT
	1	13-1-197873	SUPPORT, FEED ROLL SKEW	1	
	2	48-412-490C	SCREW, HEX 1/4-20X1	1	
	3	13-6-197878	SCREW, SKEW ADJ.	1	
	4	13-7-197877	LINK ASSY.	1	
	5	XM-875	NUT, HEX 10-32	1	
	6	13-9-197875	TRUNNION	1	
	7	13-0-197874	SPRING, TRUNNION RETAIN.	1	
	8	48-438-204R	WASHER, LOCK	1	
	9	48-406-082C	SCREW, 6-32X3/16	1	
	11	13-6-197803	SHAFT ASSY., FEED ROLLERS	1	
			INCL. 12-21		
	12	13-0-179195	RELEASE LEVER, R.	1	
		13-1-179194	RELEASE LEVER, L.	1	
	13	120-5214	NUT	2	
	14	120-5215	SCREW	2	
	15	130-5210-3	SHAFT, FEED ROLLER	1	
2V3&(,)	16	19-2-604-2-41-	ROLLER ASSY.	2	
) 20 60ok		192-6044	BEARING	1	
		120-3817	SPRING RING	2	
		120-521	SPACER, ROLLER	4	
		120-6047	BUSHING	2	
	17	13-4-192210	HOLDER, FEED ROLL	2	
	18	120-5212-A	ARM ASSY., FEED ROLL	2	
	19	48-406-447C	SCREW, FIL HD. 10-32X7/8	2	
	21	F2-3652	SPRING	2	
	22	185-5220	ROD, ARM PIVOT	1	
	23	13-8-188826	GUIDE ASSY., AUX. PAPER	4	
	24	11-21342	NUT, PIVOT ROD	2	
	25	120-6053-A	BEARING	4	
		48-406-114C	SCREW	4	
	26	13-8-174594	SCREW, SET	2	
	* 27	13-6-196193	PULLEY, TIMING	1	
	28	13-0-174592	PULLEY, TIMING	1	
	29	XM-2670	SCREW	1	
	31	720-1053	NUT, KEPS	1	
	32	130-5200-1	ROLLER, MAIN FEED	1	
	33	13-3-188557	SHELF ASSY.	1	
	34	48-406-237C	SCREW	4	
	35	50162	NUT, KEPS	2	
	36	120-5230-A	BLOCK ASSY.	1	
	37	130-5225-1	ROLLER, INTERNED. FEED	1	

* Indicates Change

GROUP 9 — Doubles Sheet Ejection Assembly

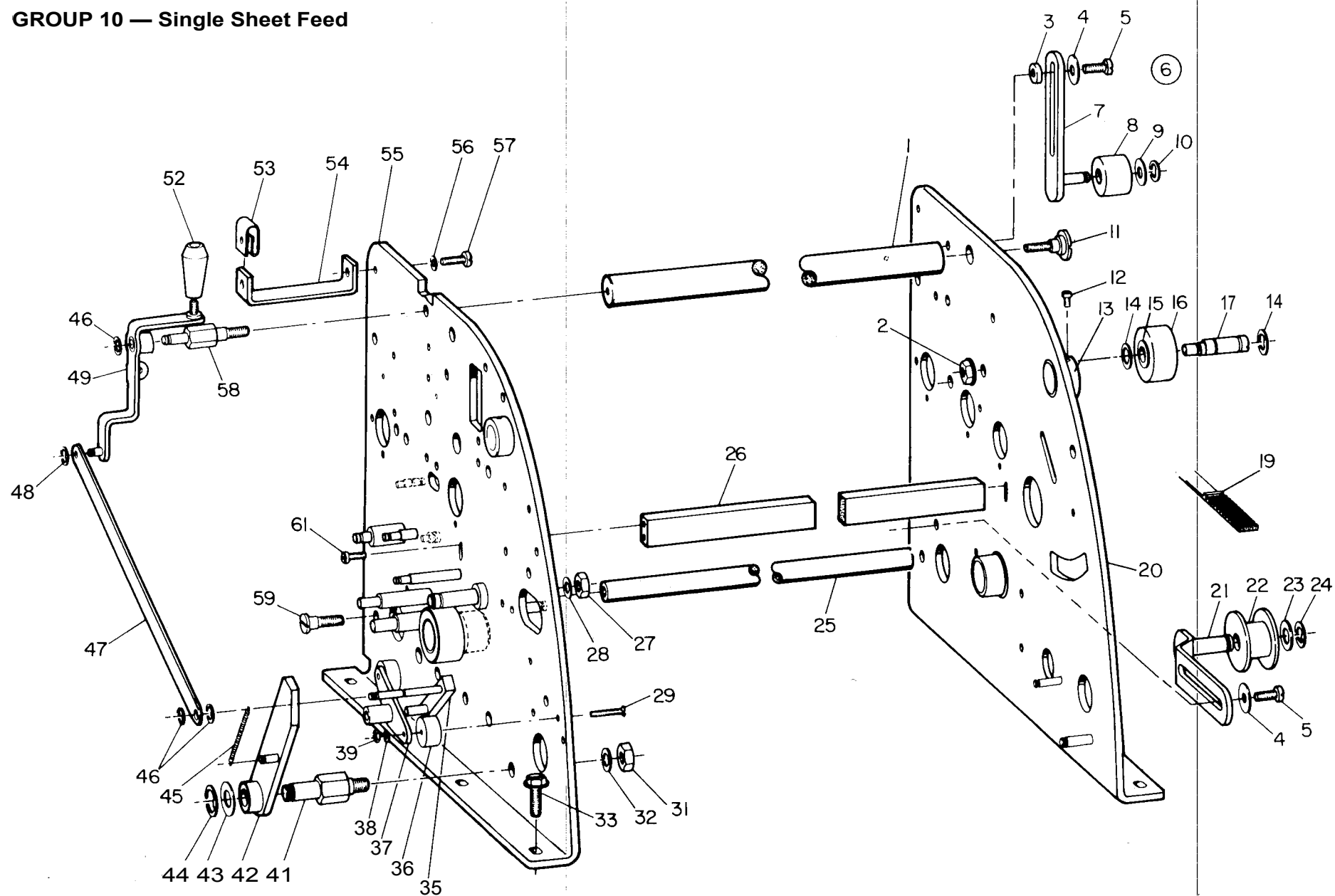


17247A

GROUP 9 — Doubles Sheet Ejection Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-..2188772	SHEET STOP ASSY*	1
3	185-5420-A	GATE ASSY.	1
4	1855422	DEFLECTOR	1
5	185.-5421	SHELF	
6	120-4034	SCREW	5
7	19210	TAPER PIN	1
8	185-5423-4	ARM ASSY.	1
9	700-8006	TRUARC WASHER	2
10	185..-5426-..A	TOGGLE ASSY.	1
12	95002154	O RING	2
13	48425-084C	SCREW. 8-32X3/16	
14	48-281-0105	TERMINAL RING	
15	E120-94	SOLENOID ASSY.	
15A	13-6-184157	DBL. SHEET SOENOID ASSY. INCL 13-.17. 22	
16	13-..8-485111	LABEL. COLOR CODE RED	1
17	156.•050536	HOUSING, 3 PIN	2
18	48-425-1140	SCREW. TRUSS 8-32X1/4	2
19	48-438-405C	LOCKWASHER	2
21	13...5.-181782	COVER. SOLENOID BKT•	1
22	13-0-142276	VARISTOR	1
23	13-.4-181783	EMT. ASSY.. SOLENOID	1
26	71-9056	PIN	1
27	48.-438-4068	WASHER	2
28	48-.406-197C	SCREW	2
29	170-1331	C WASHER	
31	120-5425-A	LATCH ASSY.	
32	120-5427	SPRING	1
33	185-5429	STOP SCREW	
34	XM-875	NUT	1
35	60-158	LCCKWASHER	1
36	185-5428	SCREW	
37	13-2-188533	PAN ASSY.	1

GROUP 10 — Single Sheet Feed

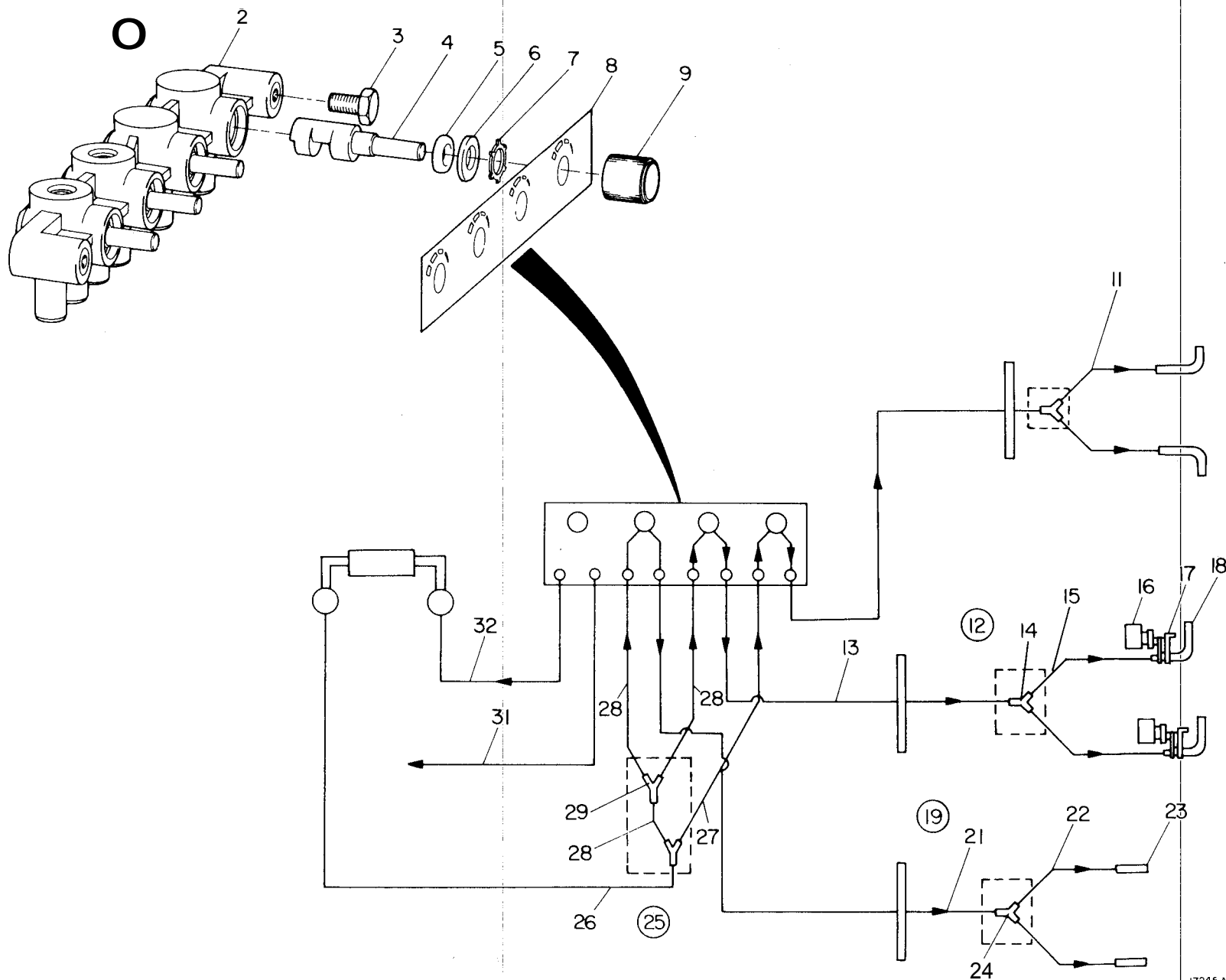


GROUP 10 — Single Sheet Feed

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-2-197807	TIE ROD, UPPER	1	
2	6400-610	NUT, KEPS 114-20		
3	303138	WASHER	2	
4	F2-2364	WASHER	2	
5	KG-2003	SCREW	2	
6	13-1-142309	BELT TIGHTENER ASSY 7-10	1	
7	13-4-142306	ARM ASSY.	1	
8	13-7-184362	RCLLER, BELT ASSY.	1	
9	2750-3669	WASHER	1	
10	1937-3734	WASHER, C		
11	13-0-184476	SCREW, SHOULDER	1	
12	ARM-859	SCREW, 10-32X ⁷ / ₃₂	2	
13	185-5509	BUSHING	2	
14	61390	RETAINING RING	2	
15	108-473	WASHER	2	
16	13-1-181075	ROLLER, BELT		
17	13-2-181074	STUD, ECC• ROLLER	1	
19	48-510-2015	TIMING BELT	1	
20	185-5001-4	PLATE ASSY., FEEDER R •	1	
21	120-5335-4	BKT. ASSY. CONVEYOR BELT	1	
22	13-0-195597	PULLEY ASSY.	1	
23	0G-401	WASHER	1	
24	170-1802	WASHER, C	1	
25	130-5020-1	TIE ROD	1	
26	13-1-188542	BAR, TIE		
27	46-436-049D	NUT	1	
2e	48-438-2098	WASHER	1	
29	48-409-402C	SCREW, FL HD 6-32X3/4	2	
31	69-527	NUT	1	
32	HG2-1120	WASHER, LOCK	1	

KEY	PART NUMBER	DESCRIPT1CN	QTY	NT
33	120-102	SCREW	6	
35	185-2505—A	ARM ASSY. LATCH SPRING	1	
36	185-2508	CCLLAR	2	
37	185-2507-4	STRAP ASSY.	1	
38	190-9120	WASHER, LOCK	2	
39	0G-635	NUT	7	
41	120-8607	STUD		
42	185-2509-4	LATCH ASSY. SUCTION FOOT	1	
43	XM-68	WASHER	1	
44	170-1802	WASHER, C		
45	3AS-26232	SPRING	1	
46	170-1331	WASHER, C	3	
47	13-5-179232	LINK, PAPER FEED CONTROL	1	
48	1720-1031	WASHER, C		
49	13-5-179497	LEVER ASSY. FEED CONTROL	1	
52	120-3607	HANDLE	1	
53	13-0-184963	RECEPTACLE		
54	13-2-190018	SUPPORT, COVER	4	
55	185-5000—A	PLATE ASSY.. FEEDER L.	1	
56	48-438-2064	WASHER. LOCK	4	
57	48-406-317D	SCREW FIL HD 10-32X9/16	4	
58	13-4-179233	STUD. LEVER MTG.		
59	69-188	SCREW, ¹ / ₄ -24X1 ⁹ / ₃₂	2	
61	48-406-234C	SCREW. 8-32X ⁷ / ₁₆	4	
	13-6-189875	TWIN NUT	2	

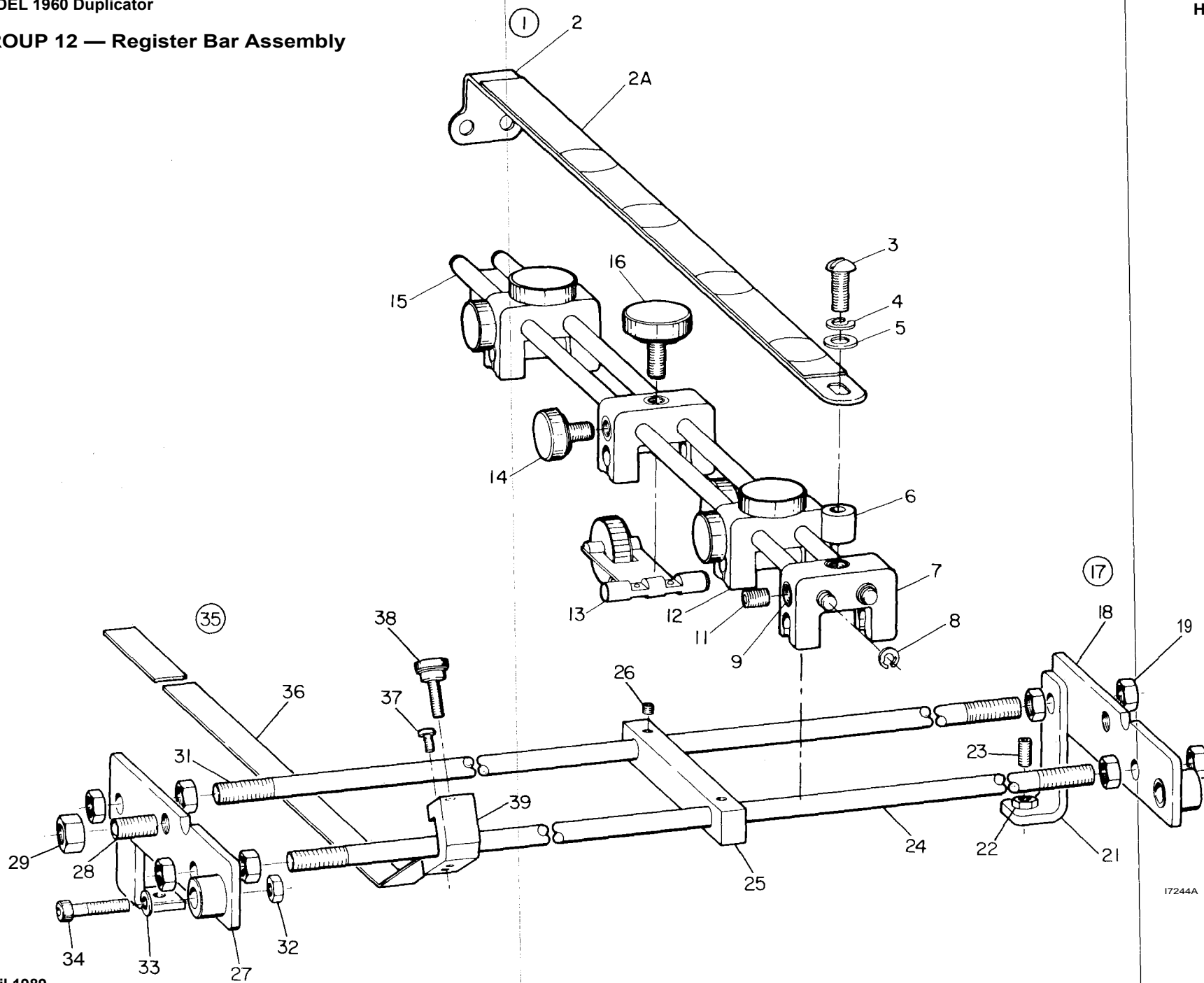
GROUP 11 — Regulator Valve Assembly & Hoses



GROUP 11 — Regulator Valve Assembly & Hoses

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-4-196138	VALVE ASSY. REGULATOR	1
		INCL. 21, 4-7	
2	13-5-194066	HOUSING, VALVE	1
3	48-441-4108	SCREW THO ROLLING 1/4-20	2
4	13-5-196137	VALVE, SPOOL	4
	13-0-197809	SHAFT. EXT.	4
	50642	SET SCREW	4
5	13-8-193941	O-RING. RUBBER	4
6	13-.4-193952	WASHER, VALVE	4
7	13-0-193949	RETAINER, PUSH-ON	4
8	13-8-196126	LABEL. AIR & VACUUM	1
9	13-3-187245	KNOB	•
11	13-1-195117	BLOWER ASSY.. FRONT SIDE	
12	13-4-184712	HOSE & CONNECTOR ASSY.	
13	13-9-184709	HOSE 14.5"	1
14	120-2047	Y CONN.	1
15	13-3-172387	HOSE	2
16	ARM-980	NUT, KNURLED	
	48-438-205C	WASHER. LOCK	
	EF-.5204	WASHER, FLAT	1
17	13-0-143084	BLOWER BLOCK ASSY.	
18	130-4048-A	BLOWER ASSY.. CENTER	
19	13-6-184710	HOSE ASSY.	1
21	13-4-184712	HOSE & CONN. ASSY.	1
22	13-3-172387	HOSE	2
23	13-...4-190362	TUBE ASSY.. BLOWER	2
23	65777	COLLAR	2
	50648	SET SCREW	2
24	120-2047	CONNECTOR	
25	13-3-197897	HOSE ASSY. AIR	1
26	120-2046	HOSE. AIR VALVE BLOWER	
27	13-5-194561	HOSE. BLOWER	1.
28	13-6-144383	HOSE	3
29	13-3-172338	Y CONNECTOR	2
31	250-2025	HOSE, 42"	
32	75-2026	HOSE, 24"	

GROUP 12 — Register Bar Assembly

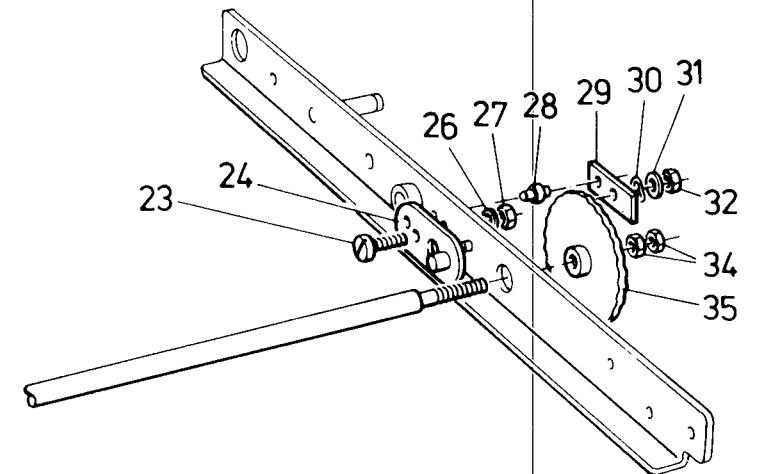
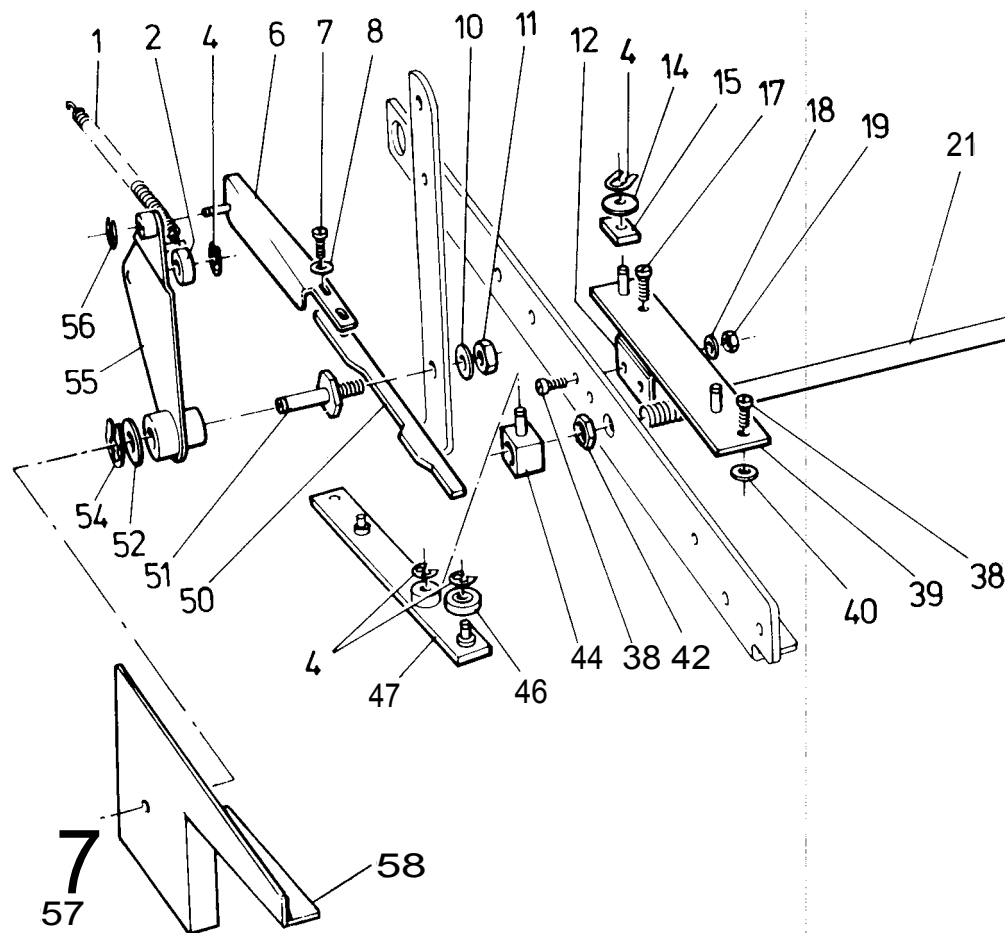


17244A

GROUP 12 — Register Bar Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-7-193470	REGISTER BAR ASSY. 1-16	1	
2	13-6-193471	REGISTER BAR. S/A	1	
2A	13-0-193469	SCALE	1	
3	48..425-4100	SCREW. TR HO 1/4....20X3/4	1	
4	48-438-208R	WASHER	1	
5	48-437-0320	WASHER	1	
6	13-1-191413	SPACER	1	
7	13-5-191419	BLOCK ADJ.,	2	
8	305444	RING, RETAINING	4	
9	13-9-.194971	PIN. 3/32	4	
11	50608	SCREW. SET 1/4-20	1	
12	13-1-192437	ROLLER 6 BLOCK ASSY COMP	1	
13	13...5-193472	ROLLER 6. BLOCK. LG.	2	
14	13-4-191410	SCREW	3	
15	13-8-192208	ROD. SUPPORT	2	
16	13...0-192438	SCREW, THUMB	3	
	13-3-192435	SLUG. FILLER 4,343 LG.	3	
17	13...5-188803	SUPPORT ASSY.. REG. BAR	1	
		INCL. 18.27		
18	13..6-188802	ARM ASSY* SUPPORT Re	1	
19	86-544	NUT	8	
21	13-9-178685	SUPPORT ARM	2	
22	XM-875	NUT. 10-.32	2	
23	14-415-55	SET SCREW 10.-32X3/8	2	
24	13'-2-.188780	ROD. REG. SUPPORT	1	
25	13-8-.188784	TIE BAR	1	
26	50648	SET SCREW 8-32X1/8	2	
27	13-8-178702	ARM ASSY*. SUPPORT	1	
28	4-.731-A	BALL RETAINER ASST.	1	
29	69-527	NUT	1	
31	13-.8-178686	ROD. ROLLER SUPPORT	1	
32	130-.4052	NUT	2	
33	48-.438-.2068	LOCKWASHER	2	
34	48-433-447G	SCREW 10-32X ⁷ / ₈	2	
35	13-5-188779	PAPER RETAINER ASSY.	1	
36	13-1-188781	SPRING	1	
37	190-9182	SCREW 6-32X1/4		
38	2750-3733	SCREW THUMB		
39	13-2...187840	CLAMP	1	

GROUP 13 — Conveyor Assembly

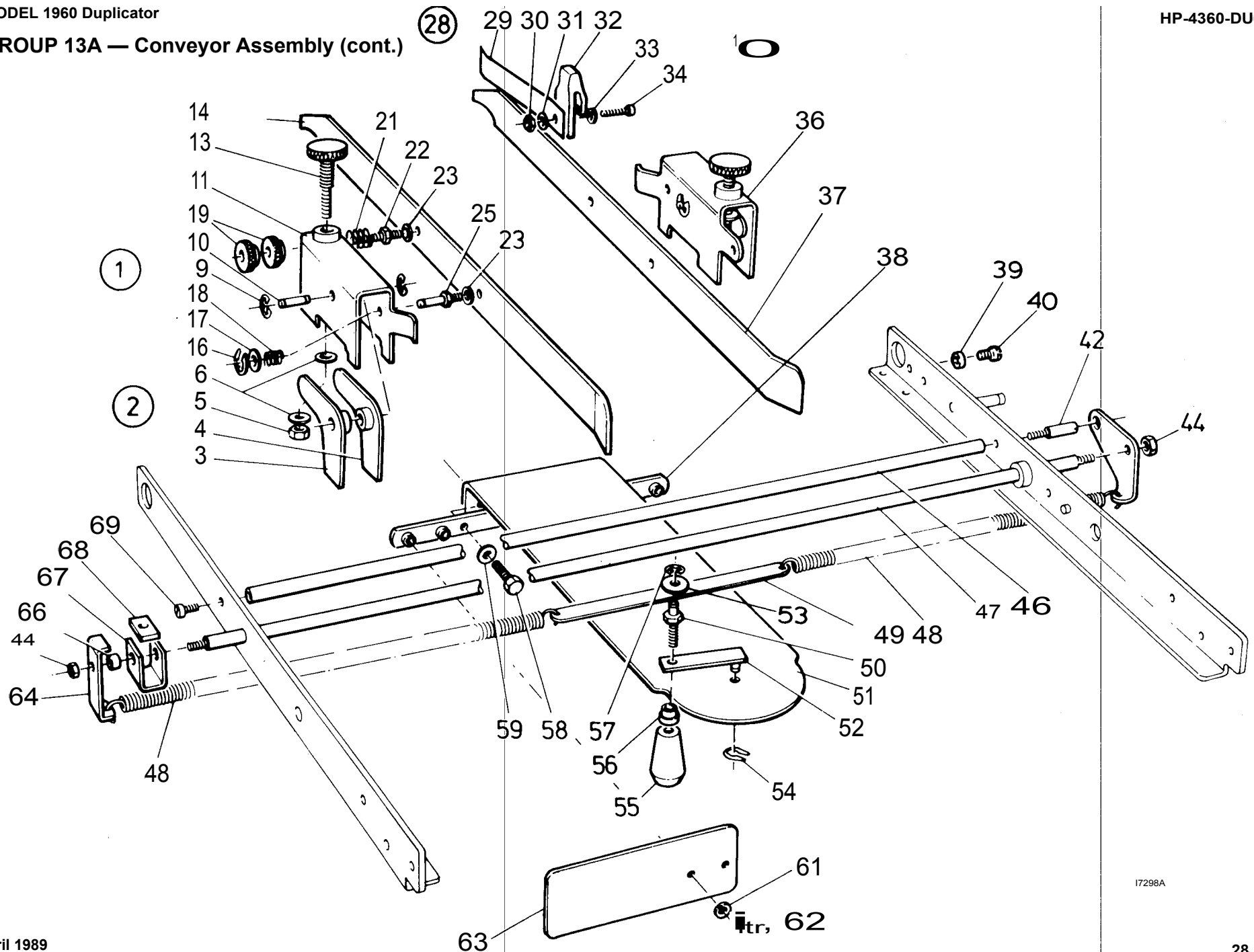


17249A

GROUP 13 — Conveyor Assembly

KEY	PART NUMBER	DESCRIPTI ON	QTY NT
	13-..2•• 188822	CONVEYOR ASSY• COMP •	1
1	11-20414	SPRING	
2	120-5562	ROLLER	
4	1937-3734	C WASHER	5
6	21 6-2 665-4	LINK ASSY',	1
7	46-•.411-..157C	SCREW	2
8	F233242	WASHER	2
10	OG....1305	LOCK WASHER	1
11	48-436-054C	NUT	
12	216-2663	BRACKET	1
14	F2-.. 2064	WASHER	2
	120•-6037	GUIDE	2
17	48-406-197C	SCREW	1
18	48-438-206R	LOCK WASHER	3
19	48-435:-036C	NUT	3
21	216-2650	ROD	
23	120-6029	SCREW	1
24	120-6026—A	LEVER ASSY*	1
26	48-438-406A	LOCKWASHER	1
27	XM-875	NUT	
28	120-6028-1	PIN	
29	120-6027	CLAMP	1
30	XM-2689	TENSION WASHER	
31	UL G-5053	WASHER	
32	91•..2152	NUT	1
34	4-337	NUT	2
35	120-6004	ADJ. WHEEL	1
38	48-406-277C	SCREW	2
39	185-6035—A	PLATE ASSY •	1
40	D3-2007	WASHER	
42	902-9038	NUT	
44	216-2651	P I VOT	1
46	120-5562	BALL BEARING	3
47	185-6030—A	LEVER A SSY•	
50	185-6007	CAM	1
51	13-8-187992	STUD	1
52	17-494	WASHER	1
54	170-1320	C WASHER	
55	1279-5711—A	LEVER ASSY.	1
56	170-1331	C WASHER	
57	13-9-187991	COVER. CONY. MTG. BKT•	1
58	48-425-1970	SCREW. 10-32X3/8	

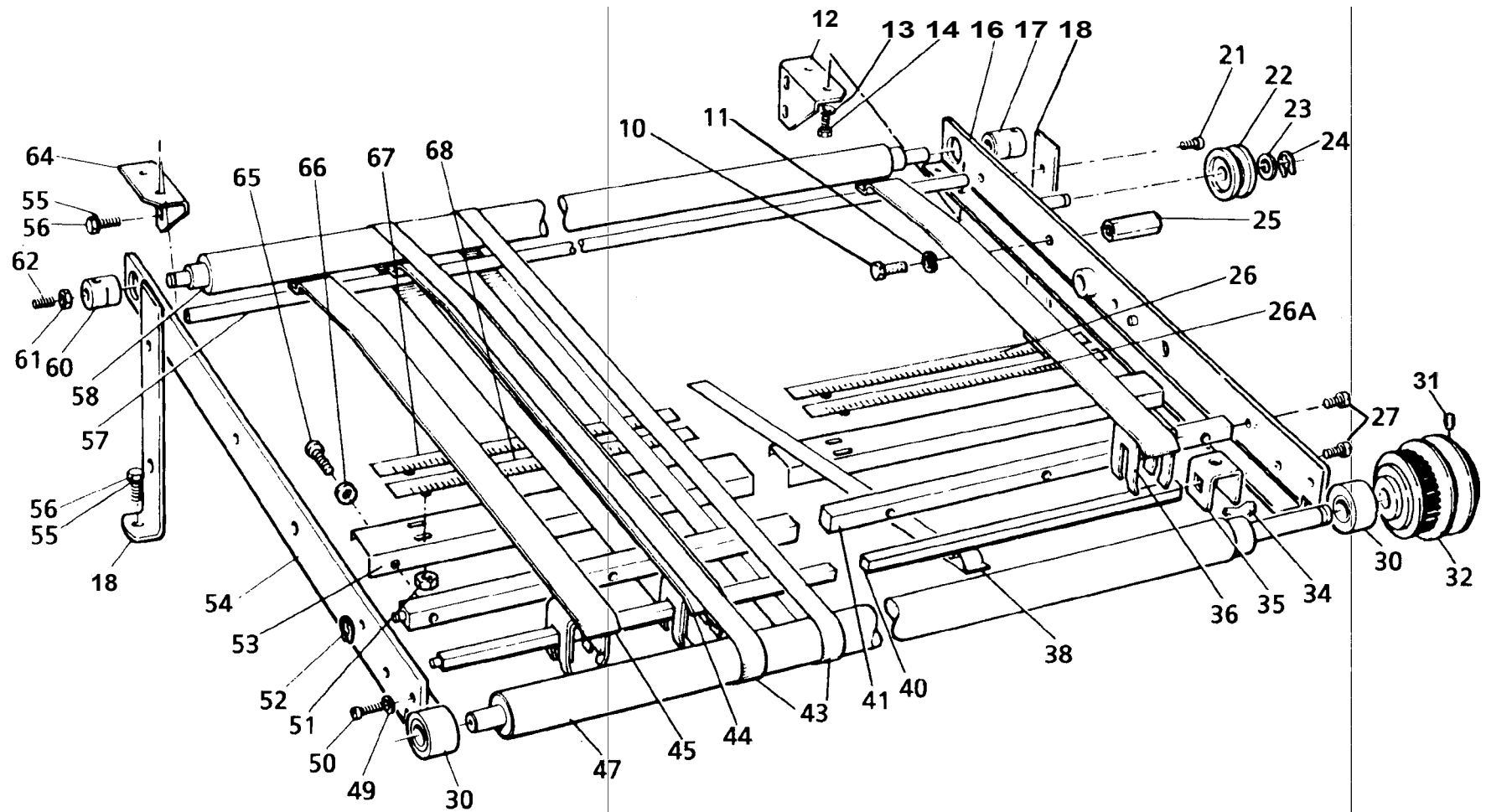
GROUP 13A — Conveyor Assembly (cont.)



GROUP 13A — Conveyor Assembly (cont.)

KEY	PART NUMBER	DESCRIPTION	PTV	NT	KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-0-189384	PAPER GUICE Le COMP. 2.-25	1		48	750-5463	SPRING	2	
2	216-2614.-A1	PLATE ASSY COMP. 3...1.3	1		49	216..2645	LINK		
3	216-2620.-A	ARM ASSY. Le	1		50	1856021	STUD	1	
4	216..-2621--4	ARM ASSY. R.	1		51	185...6019	BRACKET	1	
5	91-2152	NUT			52	185-6020A	LEVER ASSY.	1	
6	F2-33242	WASHER	2		53	99521	WASHER	1	
9	1937-3734	C WASHER	2		54	1720-1031	C WASHER		
10	216.-2622	PIN	1		55	1203607	HANDLE		
11	216-2614-A	PLATE	1		56	185.6022	BUSHING	1	
13	216e- 262 3- A	SCREW ASSY.	1		57	700..-8006	C WASHER	1	
14	13-.1-189383	GUIDE. PAPER Le	1		58	26-•2046	SET SCREW	2	
16	170-1331	C WASHER			59	48438-•208R	LOCKWASHER	2	
17	4-818	WASHER	1		61		LOCKWASHEN #10	4	
18	HA--3515	SPRING	1		62	48425-197D	SCREW	4	
19	108-196	NUT. 1/4-32	2		63	13-•6--188794	GUARD. BRACE	2	
21	A7A-83150	SPRING			64	216...•2642	CLIP SPRING	1	
22	185...6013	STUD	1		66	ULG. •5037	COLLAR		
23	48-438-4064	WASHER	1		67	216..-2641	BRACKET		
25	185-6012	STUD	1		68	120-6034	BLOCK	1	
28	185-607-A	GUIDE ASSY.. REG. (29-34)	3		69	48-406-280C	SCREW		
29	185.-607	SPRING							
30	185-.609	NUT							
31	15-2007	WASHER	1						
32	185...608	HANDLE	1						
33	OG-905	WASHER							
34	71-4024	SCREW	1						
35	139-189385	PAPER GUIDE ASSY Re 36...37							
36	216-2614-41	PLATE ASSY', JOG. SUPPORT	1						
37	13-2-189382	GUIDE* PAPER Re							
38	13-..3180521	GUARD. MTG. PLATE ASSY.							
39	200-9	WASHER	3						
40	48-406-114C	SCREW F1L 8-32X1/4	2						
42	216-2634	SCREW							
44	91-2152	NUT	2						
46	216-2633	ROD	1						
47	216-2640	JOGGER ROD							

GROUP 138 - Conveyor Assembly (Cont.)

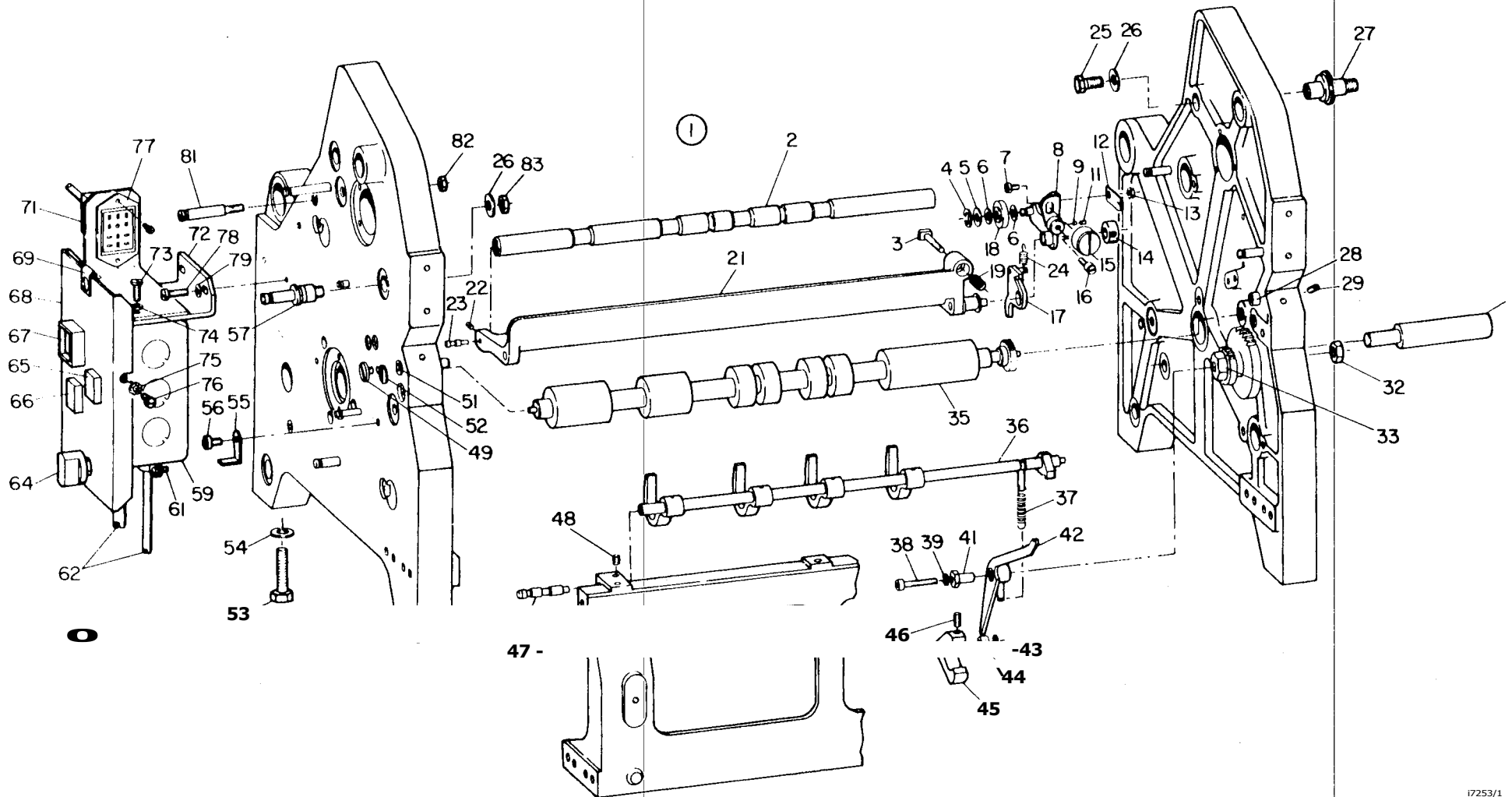


GROUP 13B - Conveyor Assembly (Cont.)

KEY	PART NUMBER	DESCRIPTION	QTY NT
	10 48-411-277C	SCREW, 10-32X1/2	2
	11 48-438-206A	LOCKWASHER	2
	12 185-6015	BRACKET, R.	1
	13 48-438-206R	WASHER	4
	14 48-406-157C	SCREW	4
	16 13-8-188768	SIDE PLATE ASSY. R	1
	17 120-6045-A	BEARING ASSY.	
	18 13-1-188757	SUPPORT, R.	
	21 48-406-274C	SCREW	2
	22 13-0-195597	PULLEY ASSY., IDLER	1
	23 0G-401	WASHER 25/64 ID	
	24 170-1802	C WASHER	1
	25 13-5-188142	STANDOFF	4
	26 13-9-188601	SCALE ASSY. R. JOGGER	1
	26A 13-8-188602	SCALE ASSY. R. JOGGER	1
	27 120-204	SCREW 10-32X1/2	2
	30 120-6053-A	BEARING	2
*	31 13-8-174594	SET SCREW	2
*	32 13-9-174593	PULLEY, TIMING	1
	34 121-5028	SPRING	9
	35 121-5027	TAPE GUIDE	9
	36 185-605-A	PAPER SUPPORT R.	1
	38 185-6023-A	DOUBLE SHEET RETAINER	1
	40 185-6004	ROD	1
	41 13-9-188593	BAR	1
	43 120-6050	CONVEYOR TAPE	9
	44 185-604-A	PAPER SUPPORT, CENTER	7
	45 185-603-A	PAPER SUPPORT, L.	1
	47 130-6052-1	ROLL, CONVEYOR TAPE	1
	49 48-438-505A	LOCKWASHER	2
	50 48-419-197D	SCREW	2
	51 50109	NUT	8
	48-437-020D	WASHER, PLAIN 16	8
	52 1720-1031	C WASHER	
	53 13-0-188592	PLATE, SCALE MTG.	1
	54 13-4-188770	SIDE PLATE ASSY. L.	1
	55 48-438-208R	LOCKWASHER	6
	56 86-433	CONVEYOR MTG. SCREW	6
	57 185-6003	TIE ROD	1
	58 130-6040-1	ROLL	1
	60 120-6041-A	BEARING, L.	1
	61 XM-875	NUT	1
	62 36-553	ADJUSTING SCREW	1
	64 185-6014	BRACKET, L.	1
	65 48-406-194C	SCREW, 8-32X3/8	5
	66 48-438-205A	WASHER, LOCK 18	5
	67 13-7-188603	SCALE ASSY., L. JOGGER	1
	68 13-6-188778	SCALE ASSY., L. JOGGER	1

Indicates Change

GROUP 14 — Elevating Frame, Feed Roll, Power Switch

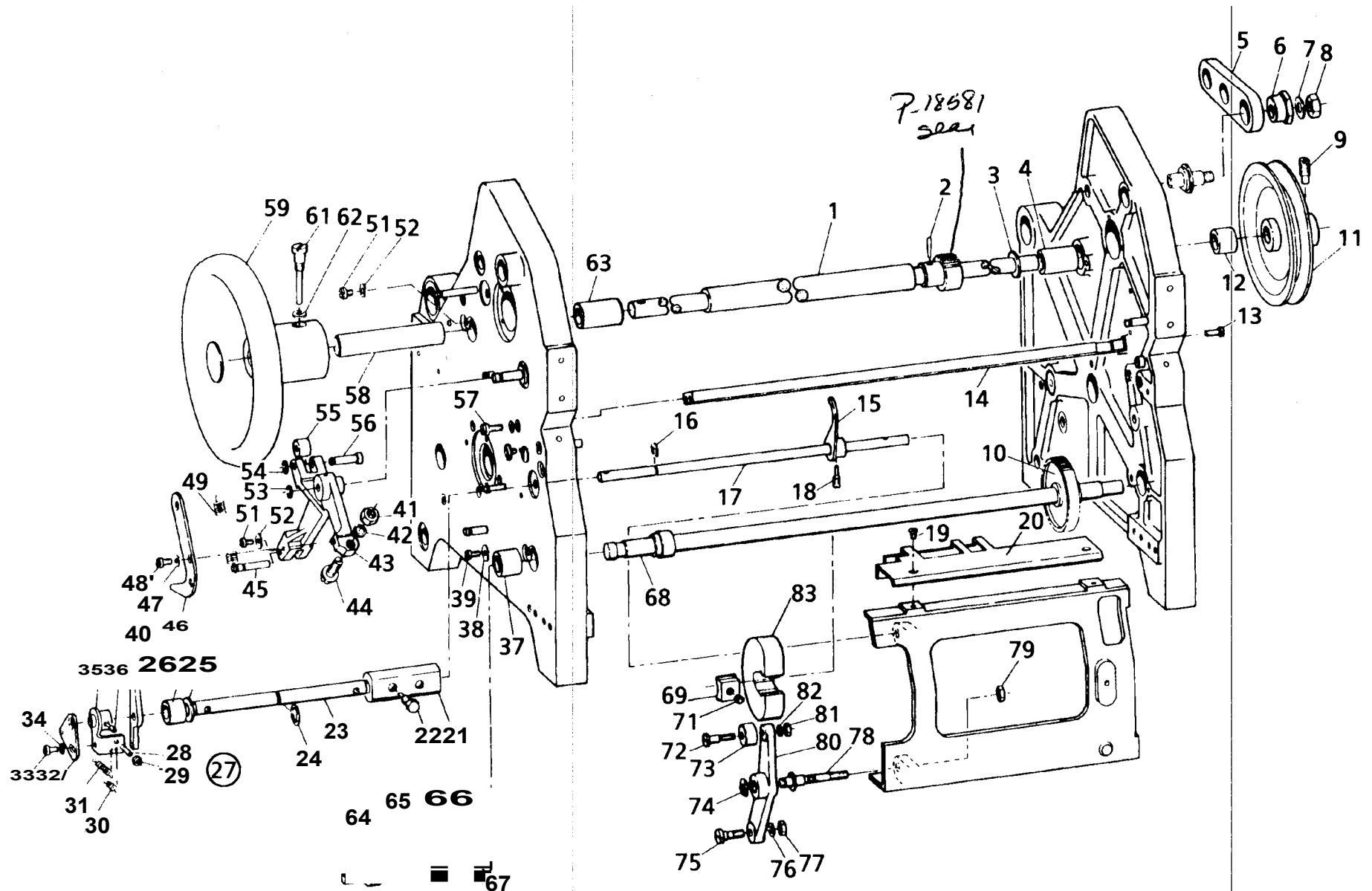


GROUP 14 — Elevating Frame, Feed Roll, Power Switch

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-3-188706	FRAME ASSY. ELEVATING INCL. 2-23	1	
2	185-3304-A	ROLL ASSY., UPPER FEED	1	
3	13-5-190163	SCREW, ELEV. FRAME ADJ.	1	
4	60829	RING, RETAINING	1	
5	F2-6004	WASHER	AR	
6	190-5054	WASHER, 254 ID		
7	48-409-114C	SCREW 8-32X1/4	1	
8	13-6-195534	LEVER ASSY. FRAME PER.	1	
9	1279-1383	PIN		
11	680-33006	SCREW 6--32X1/8	1	
12	13-7-165502	CLIP, SPRING		
13	301133	NUT, KEPS e-32	1	
14	296-1802	COLLAR	1	
	71-4036	SET SCREW 8-32	1	
15	13-1-190217	NUT. ADJUSTING	1	
16	296-1311	SCREW, 8-32X5/8		
17	13-0-195530	LEVER ASSY.	1	
18	13-2-181264	ROLLER ASSY.	1	
19	100-261	SPRING		
21	13-2-190695	PIN E. ELEV. FRAME ASSY.		
22	OG-5250	SCREW. 8-32X1/4	2	
23	120-3301	PIN, UPPER FEED ROLL BRG ^{io}	2	
24	194-1013	SPRING	1	
25	78-15	SCREW	2	
26	58-361	WASHER	2	
27	120-3014	STUD		
28	185-3010	BEARING	1	
29	40-1563	SCREW, SET	2	
31	120-3006	PIN	1	
32	120-30	NUT		
33	185-300	SCREW	1	
	13-5-196707	GEAR & BEARING ASSY.	1	
35	185-33-41	RCLL ASSY., LOWER FEED	1	
36	185-3305-A1	SHAFT ASSY., STCP FINGER	1	
37	80-1206	SPRING	1	
38	48-433-484C	SCREW 8-32X1	1	
39	48-438-2058	LOCKWASHER		
41	185-3315	BUSHING, ECC•	1	
42	185-3311-4	LATCH ASSY*, STCR FINGER	1	
43	750-5237	PING, RETAINING	1	
44	185-.3325	ROLLER		

KEY	PART NUMBER	DESCRIPTION	QTY	NT
45	185-3318-A	CLAMP ASSY. ROLLER MTG.		
46	185-3320	SCREW	1	
47	185-3104	PIN, STOP FINGER BRG• L.	1	
48	ARM-9521	SET SCREW	1	
49	120-3054	SCREW	1	
51	13-9-185078	PIN	1	
52	296-1052	BEARING	1	
53	119-226	SCREW	2	
54	48-438-208R	WASHER	2	
54	48-436-044C	NUT	2	
55	66-104	STOP	1	
56	48-406-154C	SCREW,	1	
57	120-3058	STUD, PIVOT RELEASE LEVER	1	
58	13-2-197591	SWITCH, START/STOP 59-76	1	
59	E12-3	BOX, 2 GANG SWITCH	1	
61	29-1116	CONN, CABLE	2	
62	13-9-197586	CABLE ASSY*, SPEED CNTRL•	1	
	13-5-197408	CABLE ASSY,,, START/STOP		
	13-6-197415	CABLE ASSY,,, PUMP SWITCH	1	
64	13-2-196015	KNOB, SPEED CONTROL	1	
	13-0-197585	SPEED POT ASSY*	1	
	13-9-197594	INSULATCR, SPEED POT	1	
65	13-5-196459	SW.ITCH		
66	13-6-196458	SNITCH, STOP		
57	13-8-196456	GUARD, SWITCH	1	
	13-0-196462	SWITCH, START	1	
68	13-7-197893	PLATE, SWITCH MTG.	1	
69	13-0-184963	RECEPTACLE	1	
71	13-8-197884	BKT., CONN, MTG.	1	
72	13-7-187340	EsKT•11 SWITCH BOX	1	
73	48-419-277D	SCREW, 10-32X1/2	2	
74	48-437-0268	WASHER. #10	2	
75	48-438-505C	WASHER, EXT. TH. #10	2	
76	50836	SCREW, SHEET METAL	2	
77	13-3-197434	HARNESS, C•C POWER BOX	1	
78	48-406-367D	SCREW	2	
79	48-437-026D	WASHER #10	2	
79	48-438-206A	LK WASHER	2	
81	120-3497	SCREW		
82	50162	NUT	1	
83	48-436-050C	NUT		

GROUP 15- Cylinder Latchup / Handwheel Assembly



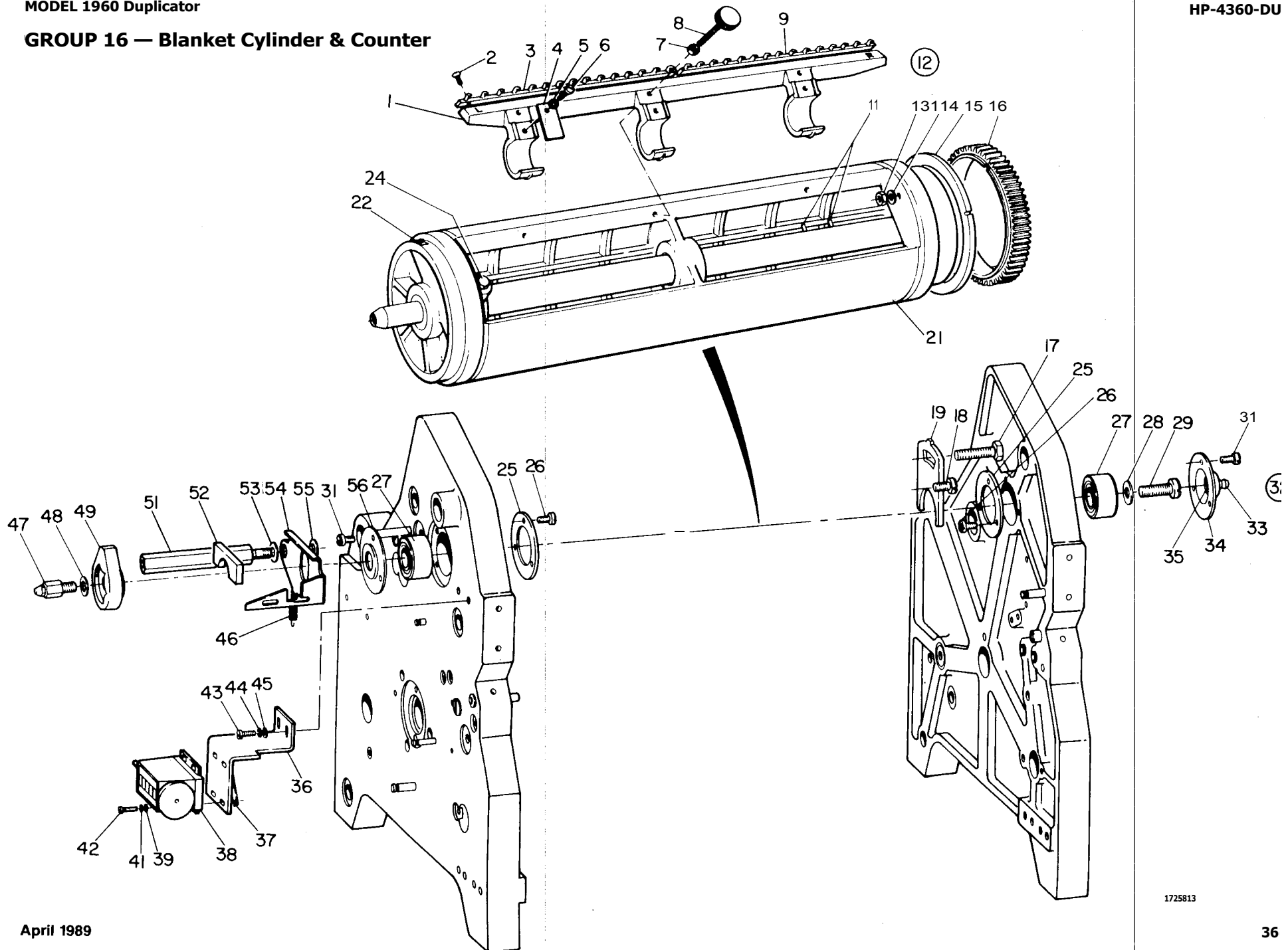
GROUP 15- Cylinder Latchup / Handwheel Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-3-197137	SHAFT ASSY., DRIVE	1	41	4-337	NUT	1
2	3A-7712	PIN	1	42	AXM-191	WASHER	1
3	13-6-195377	WASHER, THRUST	1	43	1278-132	LEVER	1
4	13-4-195379	ROLLER BEARING ASSY.	1	44	1220-7020	SCREW, 5/16-24X3/4	1
5	120-349-1	LINK	2	45	120-3208	PIN	1
6	13-1-195471	BUSHING, ECC.	2	46	120-3739	CAM	1
7	PX-145	WASHER	2	47	26-1803	WAS	1
8	48-436-054C	NUT	2	48	120-601	SCREW, 10-32X3/8	1
9	13-7-196226	SCREW, PILOT	1	49	190-1149	SPRING	1
* 10	120-36200-5	GEAR	1	51	48-406-154C	SCREW, 8-32X5/16	1
11	13-4-196179	PULLEY, DRIVE	1	52	200-9	WASHER	1
12	13-6-196144	SPACER	1	53	40-1813	WASHER	1
13	F2-1136	SCREW, 10-32X1 3/16	2	54	170-1331	WASHER, C	1
14	13-3-149252	GUIDE, PAPER	1	55	29-1309	ROLLER	1
15	13-0-194889	FINGER ASSY	3	56	120-3209	PIN	1
16	40-1813	WASHER, C	1	57	48-406-277B	SCREW 10-32X1/2	2
17	13-2-194887	SHAFT, FEELER FINGER	1	58	13-9-187207	COLLAR, SLIP LEFT	1
18	36-554	SCREW, 10-32X3/4	1	59	13-5-197135	HANDWHEEL ASSY.	1
19	19-291	SCREW, 10-32X13/32	3	61	50-1204-1	SCREW, 1/4-28X1 5/16	1
20	185-3100	SHELF, PAPER	1	62	48-438-408A	WASHER, LOCK 1/4	1
21	185-3324	COUPLING	1	63	185-303	BUSHING	1
22	36-554	SCREW	2	64	1279-5708-A	CRANK ASSY., FEEDER	1
23	185-3323	SHAFT, EXT.	1	65	11-2230	SET SCREW 5/16-18X1/4	1
24	40-1813	C WASHER	1	66	1279-5710-A	CAM ASSY., JOGGER DRIVE	1
25	D4-2474-1	SHIM WASHER	1	67	XM-981-4	SET SCREW, 10-32X1/4	1
26	A7A-9550	COLLAR	1	68	185-3405-A	SHAFT ASSY., FEEDER DR.	1
27	120-3742-A1	ARM ASSY. DETENT PAWL	1		EF-3500	TAPER PIN	2
		INCL. 27-28, 32-35		69	18 5-446 5	BLOCK CAM CLAMP	1
28	900-30023	SCREW, 8-32X3/16	1	71	50613	SCREW	1
29	700-9272	NUT	1	72	120-2333	SCREW, 10-32	1
30	86-422	SPRING	1	73	621-84	ROLLER	1
31	KG-2948-1	SPRING	1	74	40-1813	C WASHER	1
32	120-3744-A	PLATE ASSY.	1	75	1815-4046	SCREW	1
33	48-406-157C	SCREW, 10-32X5/16	1	76	D3-4632	LOCKWASHER	1
34	F2-33242	WASHER	1	77	40-1836	NUT, HEX	1
35	120-3742-A	ARM ASSY.	1	78	120-233-1	SCREW	1
36	36-554	SCREW	1	79	48-436-044C	NUT	1
37	120-3002	BEARING	2	80	1815-90	LEVER, JOGGER CAM	1
38	200-9	WASHER	2	81	XM-875	NUT 10-32	1
39	48-406-154C	SCREW	2	82	60-158	LOCKWASHER	1
40	296-1317	PAWL RELEASE LEVER	1	83	185-4464	CAM, JOGGER OPERATING	1

*

Indicates Change

GROUP 16 — Blanket Cylinder & Counter



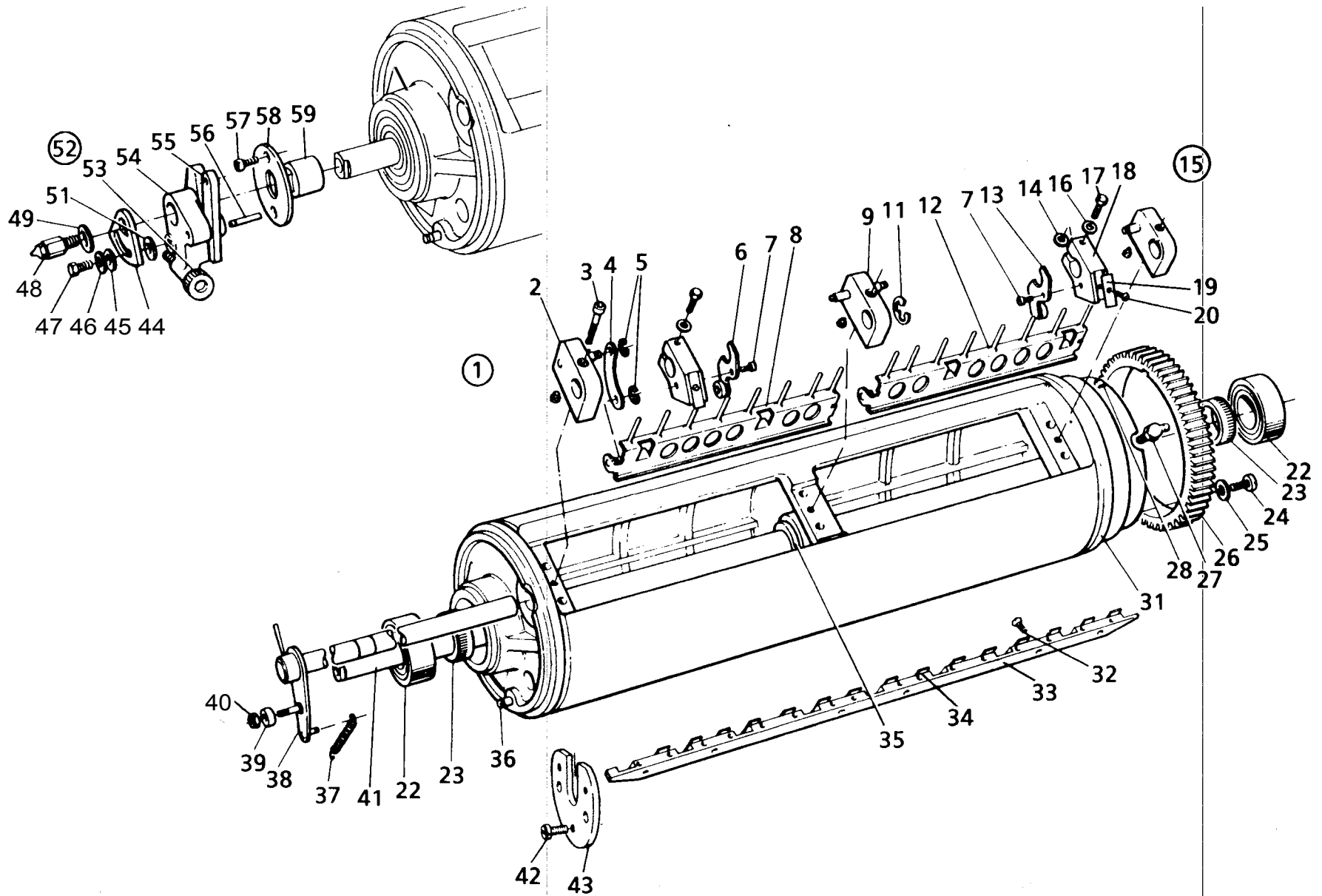
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GROUP 16 — Blanket Cylinder & Counter

KEY	PART NUMBER	DESCRIPTION	OTT	NT
1	185-..3260	BRACKET		2
2	69727	SCREW		16
3	185-3267	CLAMP		2
4	185-..3262	CLIP		6
5	48-.-438-206R	WASHER		6
6	48-406-197C	SCREW		6
7	48-436-044C	NUT		6
8	1853263A	THUMBSCREW ASSY..		6
9	185-3266	CLAMP		2
11	90-4021	SCREW		2
12	13-..4197565	BLANKET CYLe ASSYe		1
		INV.* /3-22 (SEE 999)		
13	86-.-544	NUT		
14	58-361	WASHER		1
15	11-8-154285	CAN		
16	185-3255	GEAR		
17	3A-9325-1	SCREW		
18	100...156	SCREW		3
19	185-3250	KEY		1
21	13--6-197563	CYLINDER ASSYe		
22	13-•0-189855	SCALE, VERTICAL IMAGE		
	48-.-437...0190	MASHER, PLAIN #6		2
	48-419-1920	SCREW 06		2
	48--438-204R	LOCKWASHER 06		2
24	13•..9...-196737	PIN. DOWEL		
25	185-3020	RETAINER. BRGe INSIDE		2
26	29-..11551	SCREW (TRAY & GRAPHICS)		6
	48403-154C	SCREW (MC)		
27	296-1012	BALL BRGo		2
28	F2-1103	WASHER		

KEY	PART NUMBER	DESCRIPTION	QTV	NT
29	48-.-419277C	SCREW 10-32X1/2		1
31	48406.•.154C	SCREW 8-32X5/16		3
	48-403-154C	SCREW (MC)		3
32	2961016-.-A	RETAINING ASSYe BRGe Re		/
		INCL. 3335		
33	120-30/0	FITTING		1
34	296-'4016	RETAINER		1
35	0G.•.560.•.1/2	WASHER		1
	10-1007	NUT		1
36	13-9195473	BRACKET. COUNTER MTG.		1
37	13...5 163327	NUT BAR		1
38	13-4-165539	COUNTER		1
39	674-1735	WASHER		2
41	48-.438-.-20213	LOCKWASHER		2
42	48406...2688	SCREW		2
43	48-406-234C	SCREW		2
44	48438-2058	LOCKWASHER		2
45	F2•••3322	WASHER		2
46	26-40671	SPRING		1
47	86-440-4	PLUG ASSIfOO EXTto.		
48	11 7-154922	WASHER. CAM RETAINING		1
49	118...154921	CAM		1
51	13-.9-187272	STANDOFF ASSY		1
52	120-3060	SHOE		1
53	58-.361	WASHER		1
54	135-186674	LEVER		1
55	2961061	BUSHING		
56	2961055	RETAINER. ORG. OUTSIDE		1
999	133-•.197566	KIT BLKT CYLe & SHAFT ASY		
		INCL CYL.SHAFT & PIN ONLY		

GROUP 17 - Impression Cylinder - Basic



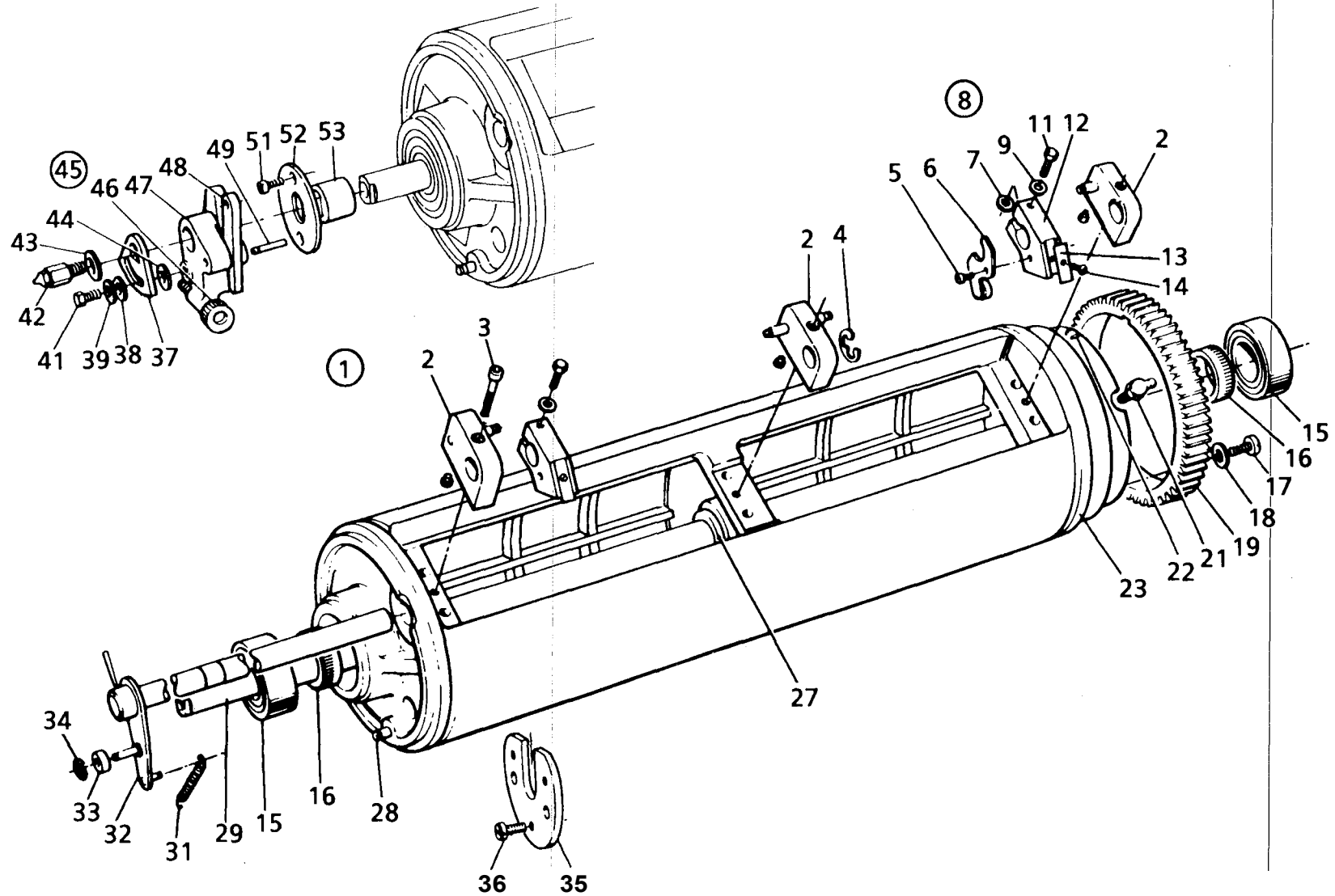
GROUP 17- Impression Cylinder - Basic

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	185-32-A2	CYLINDER ASSY. COMP.	1	32	48-433-197F	SCREW	6
2	185-3205-A	BLOCK ASSY. L H	1	33	185-320-A	ANVIL ASSY.	1
	185-3210-A	BLOCK ASSY. R H	1	34	296-1170-1	PAPER STOP	15
3	48-433-610C	SCREW	3	35	185-3202	BUSHING	2
4	185-3230	LINK	4	36	185-3201	PIN	1
5	1937-3734	C WASHER	8	37	185-3219	SPRING	1
6	185-3234-A	ARM ASSY L H	2	38	13-1-182453	SHAFT ASSY. GRIPPER	1
7	48-433-194C	SCREW	4	39	930-22705-1	ROLLER	1
8	185-3224-A	RACK ASSY. L H	1	40	1937-3734	RETAINING RING	1
9	185-3208-A	BLOCK ASSY. CENTER	1	41	185-3240-A	SHAFT ASSY.	1
11	185-3218	C WASHER	2	42	48-433-370C	SCREW	3
12	185-3228-A	RACK ASSY. R H	1	43	120-3009	CAM	1
13	185-3232-A	ARM ASSY. R H	2		99-121	COLLAR	1
	1815-9051	GRIPPER SHAFT STOP	1	44	120-3155	SEGMENT	1
14	3AS-25511	WASHER, KEY	1		13-6-196771	SEGMENT, SHUTTLE FEED	
15	185-3220-A	HOLDER ASSY.	a	* 45	4-818	WASHER, PLAIN	1
16	190-5054	WASHER	1	* 46	48-438-208R	LOCKWASHER	1
17	119-227	SCREW	1	* 47	119-227	SCREW	1
18	185-3220	HOLDER, GRIPPER FINGER	1	* 48	86-440-A	PLUG, ALEMITE	1
19	296-1134	FINGER	1	* 49	190-5054	WASHER	1
20	48-425-152D	SCREW, BIND HD 6-32X5/16	1	* 51	58-361	WASHER, RETAINER	1
22	185-3204	BEARING	2	* 52	120-315-A	ADJUSTER ASSY., PRESSURE	1
23	185-3203	BUSHING	2	* 53	120-3151	SCREW ASSY	1
24	A7-7345	SCREW	3	* 54	120-315	ARM	1
25	18-80	WASHER	3	* 55	296-1129	ARM	1
26	185-3238	GEAR	1	* 56	120-3150	PIN	1
27	200-186	ALEMITE FITTING	1	* 57	4-315	SCREW, DISC RETAINER	1
28	6-21	KEY	1	* 58	296-1127	DISC, IMP. CYL. SHAFT RET	1
31	185-32-A	CYLINDER, IMPRESSION	1	* 59	185-3241	BUSHING, IMP. CYL. L.	1

*

Indicates Change

GROUP 17A - Impression Cylinder - Graphics

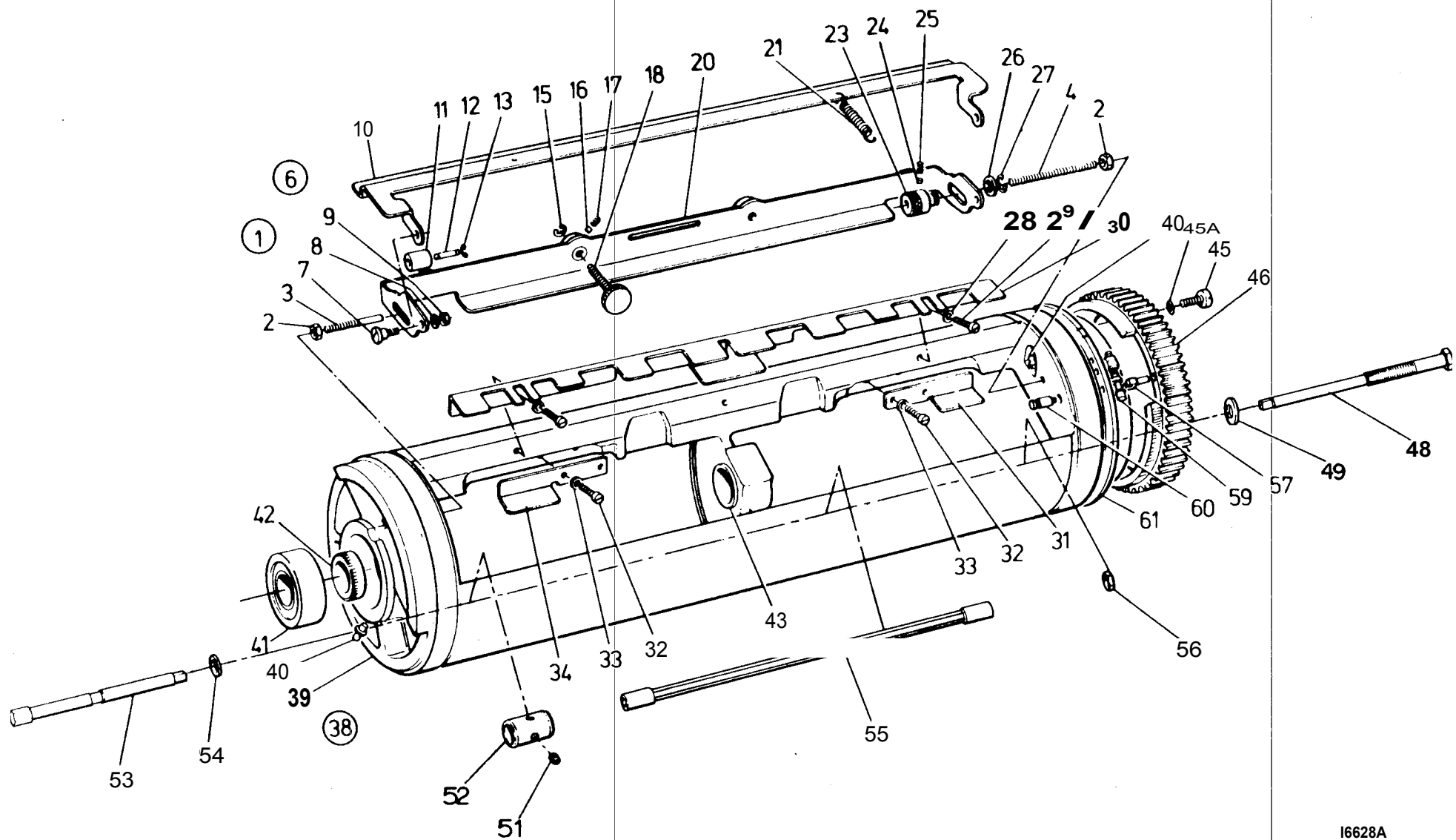


GROUP 17A - Impression Cylinder - Graphics

KEY	PART NUMBER	DESCRIPTION	QTY NT
	1 1815-908-A	IMPRESSION CYLINDER COMP	1
	2 1815-9050-A	BLK. ASSY. GRIP SHAFT BRG	3
	3 48-433-610C	SCREW 1/4-20X1-1/2	3
	4 185-3218	C WASHER	2
	5 48-433-194C	SCREW 8-32X3/8	1
	6 1815-9051	GRIPPER SHAFT STOP ASSY.	1
	7 296-1150	WASHER	1
	8 185-3220-A	HOLDER ASSY. 9-14	8
	9 190-5054	WASHER	1
	11 119-227	SCREW	1
	12 185-3220	HOLDER, GRIPPER FINGER	1
	13 296-1134	FINGER	1
	14 48-425-152D	SCREW, TR. HD 6-32X5/16	1
	15 185-3204	BEARING	2
	16 185-3203	BUSHING	2
	17 A7-7345	SCREW	3
	18 18-80	WASHER	3
	19 185-3238	GEAR	1
	21 200-186	ALEMITE FITTING	1
	22 6-21	KEY	1
	23 185-32-A	CYLINDER, IMPRESSION	1
	27 185-3202	BUSHING	2
	28 185-3201	PIN	1
	29 185-3240-A	SHAFT ASSY.	1
	31 185-3219	SPRING	1
	32 13-1-182453	SHAFT ASSY., GRIPPER	1
	33 930-22705-1	ROLLER	1
	34 1937-3734	C WASHER	1
	35 1815-900	CAM	1
	36 48-433-370C	SCREW	3
*	37 120-3155	SEGMENT	1
X	13-6-196771	SEGMENT, SHUTTLE FEED	1
*	38 4-818	WASHER, PLAIN	1
*	39 48-438-208R	LOCKWASHER	1
*	41 119-227	SCREW	1
*	42 86-440-A	PLUG, ALEMITE	1
*	43 190-5054	WASHER	1
*	44 58-361	WASHER, RETAINER	1
*	45 120-315-A	ADJUSTER ASSY., PRESSURE	1
*	46 120-3151	SCREW	1
*	47 120-315	ARM	1
X	48 296-1129	ARM	1
34	49 120-3150	PIN	1
*	51 4-315	SCREW, DISC RETAINER	1
*	52 296-1127	DISC, IMP. CYL. SHAFT RET	1
*	53 185-3241	BUSHING, IMP. CYL. L.	1

* Indicates Change

GROUP 18 — Master Cylinder

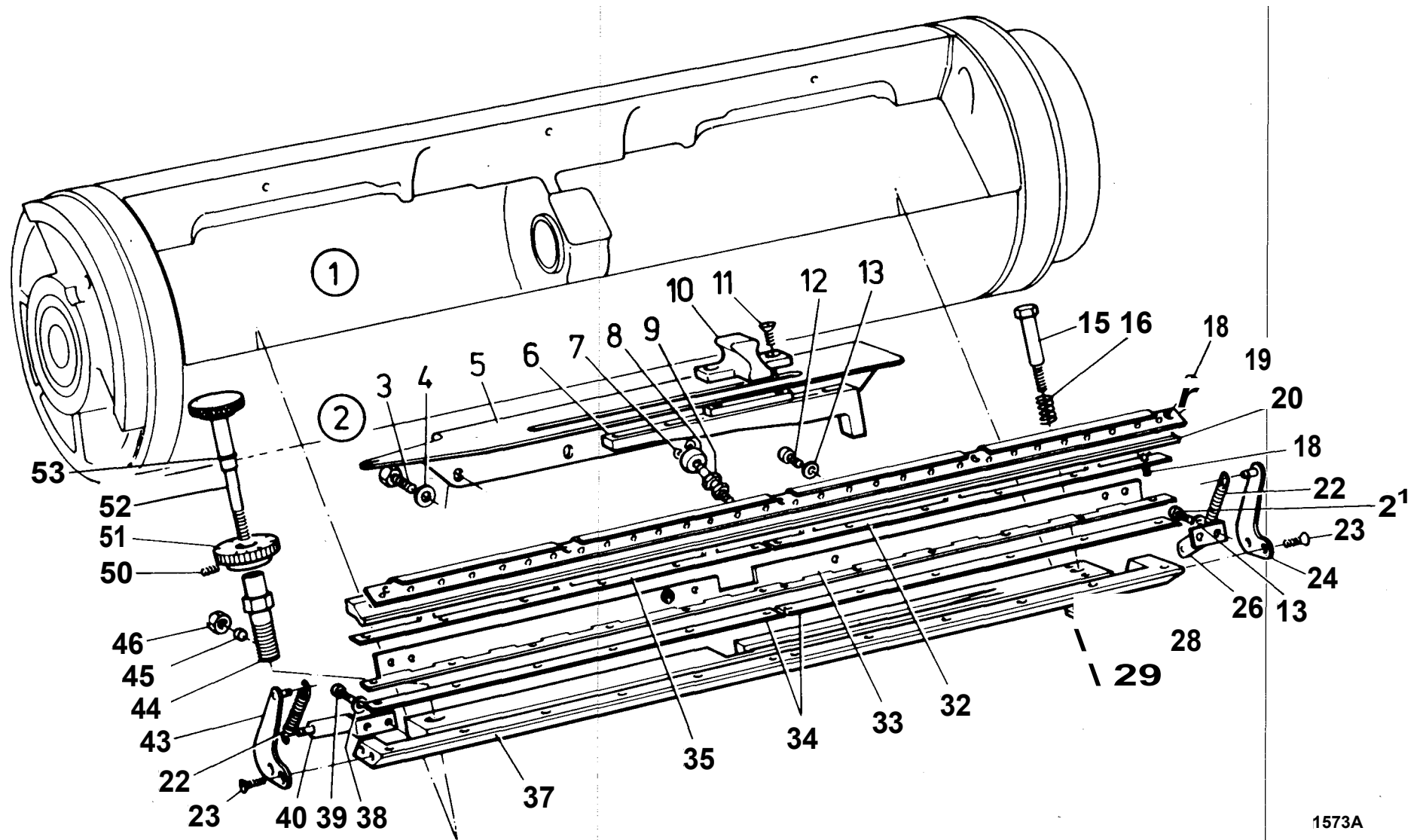


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GROUP 18 — Master Cylinder

KEY	PART NUMBER	DESCRIPTION	QTY	NT	KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-8-188800	CYLINDER ASSY.. COMP.	1		34	185-3475	GUIDE. L.	1	
2	48-435...0430	NUT	2		38	13..-3-190447	MASTER CYL. S/A	1	
3	185-3489	SCREW. ¹ / ₄ -20X1 3/4			39	13-4-.190446	CYLINDER		
4	185-3488	SCREW, 1/4...-20X1 5/16	1		40	86.-.439	GREASE FITTING	2	
6	185...3476-..A1	CLAMP ASSY. TRAILING END INCL. 7-16, 18. 20			41	185-3204	BALL BRGe	2	
7	190-5008	SCREW	2		42	185-3203	BUSHING	2	
8	48-438206R	LOCKWASHER	2		43	1 85-320 2	BUSHING	1	
9	XM-875	NUT	2		45	1203453	SCREW		
10	185-3476-A	CLAMP ASSY.			454	303128	WASHER		
11	185-3484	ROLLER	2		46	185-3491	GEAR		
12	185-3485	PLUG	2		48	13-2-190448	SCREW ASSY. GEAR LOCK		
13	700-8006	C WASHER	4		49	13-.7193918	WASHER. GEAR LOCK	1	
15	1937-3734	C WASHER	2		51	91-2108	SET SCREW 10-32X1/4	2	
16	120-9863	PLUG	2		52	13-..7-190450	COLLAR		
17	ARM.-9521	SET SCREW	2		53	13-1.-190449	SHAFT ASSY.. GEAR LOCK	1	
/8	185-3481-A	ADJUSTING SCREW	2		54	117-438	WASHER 25164 ID		
20	185...3478...A	SKI. ASSY.			55	13-..6-490451	EXT., ASSY. SHAFT		
21	185-..3486	SPRING	2		56	13...0...187578	NUT. LOCK HEX 3/8..24		
23	185-3487	BUSHING			57	185-34503	YOKE		
24	120-9863	PLUG			59	185-..34504-...A	SCREW ASSY.	1	
25	ARM-9521	SET SCREW	1		60	185...34501	PIN	1	
26	OG.401	WASHER	1		61	185-..34502	INTERPOSER RING		
27	8502014	E RING	1						
2e	48-438-206R	LOCKWASHER							
29	48...419..277C	SCREW. 1032X1/2							
30	185-3490	ANVIL							
31	185-3474	GUIDE. R.							
32	48-406-237C	SCREW	4						
33	48.-438-206R	WASHER	4						

GROUP 18A — Master Cylinder Lead Clamp



1573A

GROUP 18A - Master Cylinder Lead Clamp

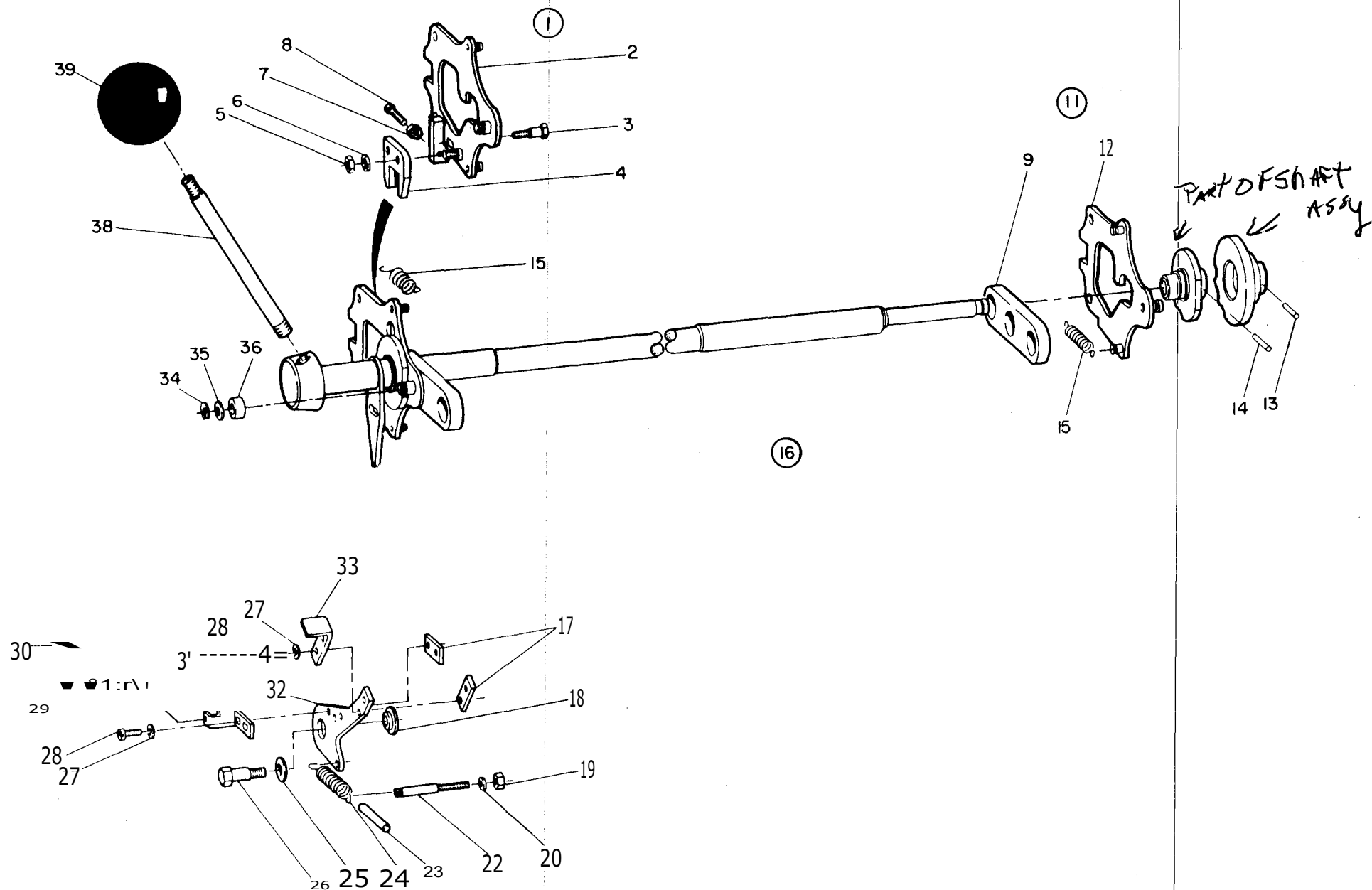
KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-8-188800	CYLINDER ASSY. COMP.	1
2	13-3-190355	CLAMP ASSY., LEAD END. INCL. 3-13, 19-51	1
3	86-433	SCREW	4
4	D3-4632	WASHER	4
5	185-3465	BKT., CAM OPERATING	1
6	185-3466	CAM, LEAD CLAMP OPER.	1
7	700-8006	E RING	1
8	D2-25134	ROLLER	1
9	185-3457	STUD	1
10	185-3467	KNOB, LEAD EDGE CLAMP	1
11	48-409-277C	SCREW, LEAD EDGE CLAMP	2
12	1278-1318-1	SCREW	2
13	48-438-206R	LOCKWASHER	6
15	185-3473	SCREW 1/4-20x1/2	1
16	302881	SPRING	1
18	120-4501	SCREW	5
19	185-3461-A	BAR ASSY, LEAD END PIN	1
20	13-5-184745	CLAMP	1
21	48-411-367D	SCREW	2
22	13-1-184731	SPRING	2
23	19-291	SCREW	4
24	185-3463-A	BKT. ASSY. SPRING R.	1
26	185-3460-A	BKT. ASSY. SPRING R.	1
28	185-3464	SPACER	1
29	120-4501	SCREW	2
32	185-3455	STOP, R.	1
33	185-3453	HINGE	1
* 34	13-2-184730	ANVIL	1
35	185-3454	STOP, L.	1
37	185-3451	BAR	1
38	48-438-206R	LOCKWASHER	4
39	48-433-277B	SCREW	2
40	13-8-190350	BKT. ASSY. SPRING L.	1
43	13-5-190353	BKT. ASSY. SPRING L.	1
44	185-3468	ADJ. SCREW	1
45	1815-6006	PIN	1
46	48-436-050C	NUT	1
47	48-411-283C	SCREW	1
50	185-3470	SET SCREW	1
51	185-3469	KNOB LEAD CLAMP ADJ. SCR.	1
52	185-3471-A	SCREW ASSY.	1
53	185-347	O RING	1

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Indicates Change

GROUP 19 — Master Cylinder Shaft Assembly

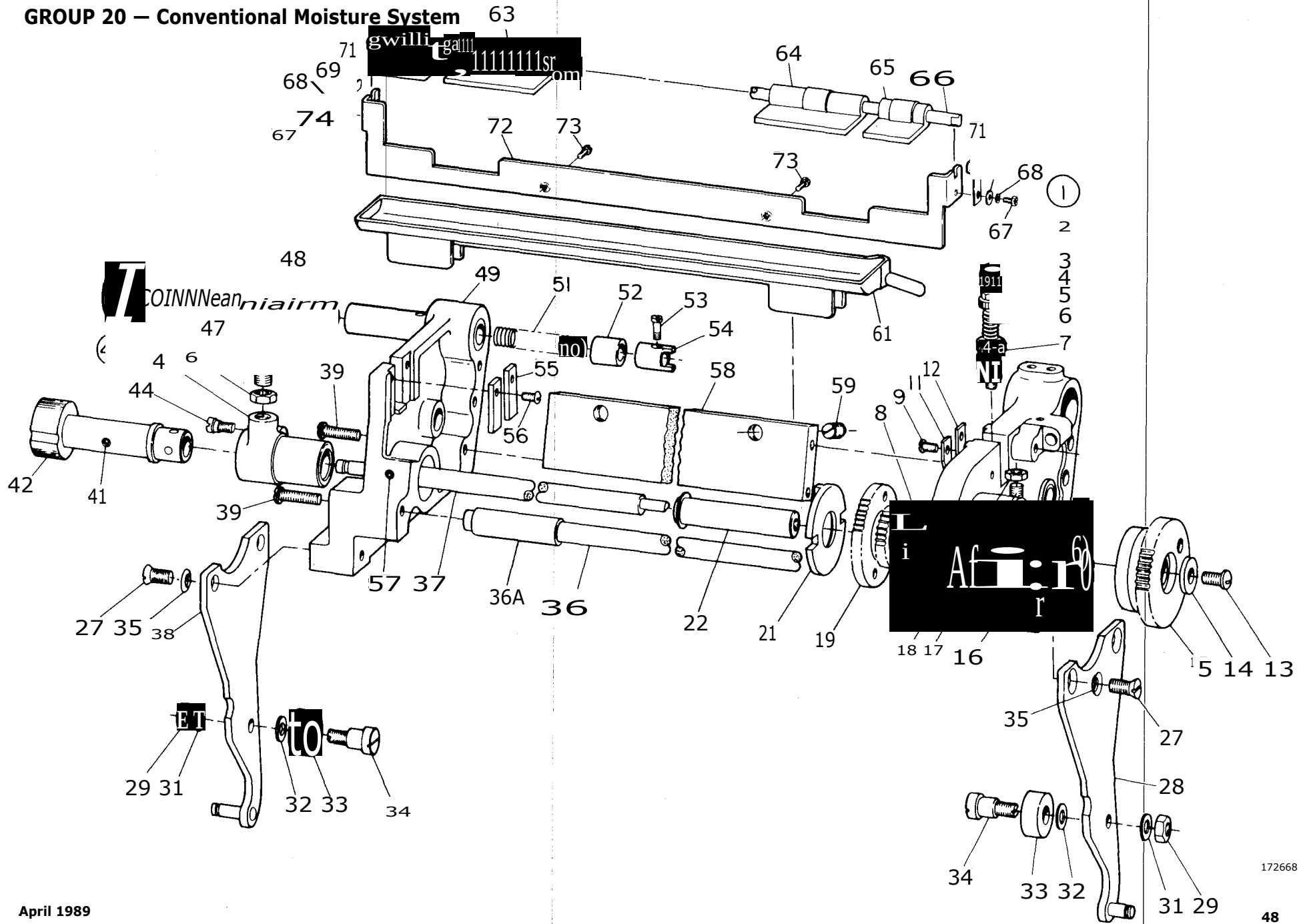
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GROUP 19 — Master Cylinder Shaft Assembly

KEY	PART NUMBER	DESCRIPTION	CITY NT
1	13-•.6...-188265	PLATE ASSY. COMP. L. 2-4/	1
2	13-8188263	PLATE ASSY. Re	1
3	13-9-188247	SCREW, SHOULDER	1
4	131-188245	BIM.. 3RD FORM ROLL.	1
5	48-•435....043C	NUT, HEX 114-.20	1
6	48-•437-...031D	WASHER, PLAIN 1/4	1
7	48-..435-..0360	NUT. HEX 10-•.32	
8	48-41 1-487C	SCREW. HEX 10-32X1	1
9	120349.•..1	LINK	2
11	13-7188264	PLATE ASSY. COMP. R.	1
12	13-9188262	PLATE ASSY. Re	1
13	X14. 415	PIN	1
14	42-5102	PIN	4
15	133-179267	SPRING	•
16	13-0....195555	SHAFT ASSY.	1
16	13.1.195554	SHAFT ASSY., MC	
17	13-2-188244	NUT, TWIN	1
1a	120-3498	BUSHING	
19	50/62	NUT. KEPS	1
22	1203497	SCREW	1
23	13-8.-188255	ROD, STOP	
24	3A-1513	SPRING	
25	Pk...2291	WASHER	1
26	D2-1900	SCREW	
27	48....438-20613	LOCKWASHER	2
28	48..-425.....2770	SCREW	2
29	13.2191768	STANDOFF. SPRING MC ONLY	1
30	902-.4/040	SPRING	
31	13-0-.488246	BRACKET, STOP	
32	13-3.....188649	LEVER	1
33	13-7-188645	BRACKET. STOP	
34	850-2014	C WASHER	
35	108-473	WASHER	1
36	120-..3467	ROLLER. PLAIN	
38	185-.4425	STUD, CONTROL SHAFT	1
39	MA-•.742-6	KNOB	

GROUP 20 — Conventional Moisture System



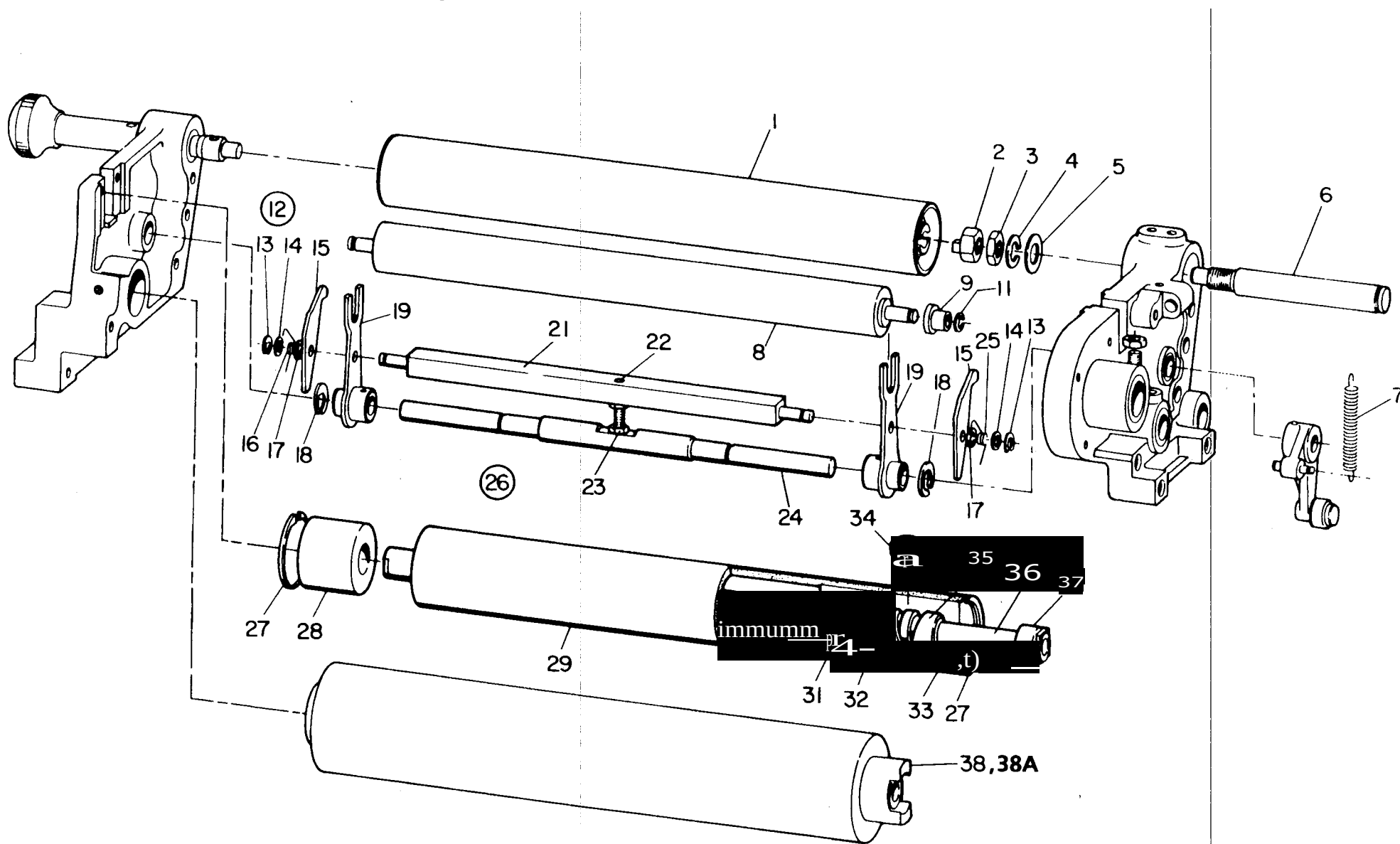
GROUP 20- Conventional Moisture System

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
	13-8-188651	MOISTURE UNIT, COMP.	1	39	13-2-175563	SCREW	3
1	13-2-190117	BKT. ASSY. COMP. R.	1	41	976-1250	SET SCREW 10-32X3/16	1
2	120-1509-1	NUT, 10-32	1	42	13-9-192447	SHAFT EXT. MOIST. FORM	1
3	120-1507-1	STUD	1	43	13-6-188653	BKT. ASSY. L.	1
4	48-435-036C	NUT, HEX	1	44	69-984	SCREW	1
5	13-0-174857	NUT	1	45	185-3705	BUSHING	1
6	C1-5110	SPRING	1	46	4-337	NUT	1
7	120-1508-1	RETAINER	1	47	4-731-A	RETAINING ASSY., BALL	1
8	120W-3663	WASHER	1	48	13-0-174865	PIN ASSY., BEARING	1
9	40-1512	SCREW	2	49	13-2-162777	BKT. REPELEX L.	1
11	120-3658	PLATE	1	51	13-1-166068	SPRING	1
12	120-3657	PLATE	1	52	13-5-174860	BUSHING	1
13	48-403-157C	SCREW	1	53	91-22232	SCREW	1
14	F2-1103	WASHER, PLAIN	1	54	13-4-174861	COLLAR	1
15	13-0-181779	GEAR, MOISTURE CAM	1	55	120-3657	PLATE	2
16	13-3-190116	BKT., REPELEX R.	1	56	40-1512	SCREW	2
17	120-3690	SCREW, 1/4-24X11/16	1	57	120-36540	PIN	1
18	HA-3244	NUT	1		40-1563	SET SCREW	1
19	185-3700-A	GEAR ASSY., REPELEX	1	58	185-3706-A	TIE BAR ASSY.	1
21	11-7-154187	DISC	1	59	190-4044	LATCH, BALL BEARING	1
22	11-1-351599	STUD ASSY.	1	61	13-1-188658	FOUNTAIN	1
27	48-409-370C	SCREW	2	62	13-5-192326	HOSE	1
28	13-4-188259	ARM ASSY. R.	1	63	13-1-188054	CLIP, MOISTURE WIPER	8
29	48-436-044C	NUT	1	64	13-3-188052	WIPER, WIDE	4
31	AXM-27	WASHER	1	65	13-2-188053	WIPER, NARROW	4
32	190-5054	WASHER	1	66	13-8-188644	SHAFT, WIPER MTG.	1
33	120-3467	ROLLER	1	67	48-411-157C	SCREW, HEX	2
34	120-3675	SCREW	1	68	48-438-206A	WASHER, LOCK	2
35	D3-5225	WASHER	4	69	3A-2603	WASHER, FLAT	2
36	185-3709	TIE BAR	1	71	13-9-188049	SPRING, HOLDDOWN	2
36A	185-3713	COLLAR	13	72	13-2-196585	BRACKET	1
37	185-3736-A	SHAFT ASSY.	1	73	48-411-277C	SCREW, HEX	2
38	13-1-188260	ARM ASSY. L.	1	*999	13-1-196586	WIPER KIT	1

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Indicates Change

GROUP 21 — Conventional Moisture System Rolls



GROUP 21 - Conventional Moisture System Rolls

	KEY	PART NUMBER	DESCRIPTION	QTY NT
	1	13-2-188657	ROLL, REPELEX FIN.	1
	2	13-0-173065	DRIVE, FOUNTAIN ROLL	1
	3	13-9-173066	NUT	1
	4	40-1813	WASHER, C	1
	5	501-111	WASHER, THRUST	1
	6	13-8-174404	SHAFT, FTN. ROLL DRIVE	1
	7	200-604	SPRING	1
	8	13-8-193735	ROLL ASSY., DUCTOR	
		83-7-104520	COVER	
	9	11-9-154904	BEARING, SHORT	
		13-6-198652	BEARING, LONG	
	11	10-3002	RING, RETAINING	
	12	13-6-194669	SHAFT ASSY., REP. DUCTOR	
	13	1720-1031	WASHER, RETAINER	
	14	A7-8614	WAS	
	15	13-7-194643	LATCH, DUCTOR ROLL	
	16	11-1-154902	SPRING	
	17	48-437-026D	WASHER	
	18	185-3715	RING, RETAINING	
	19	13-0-194640	ARM ASSY., DUCTOR	
	21	13-2-194655	BAR, EQUALIZER, DUCTOR	
	22	185-3712	STUD, ECCENTRIC	
	23	10-1007	NUT	
	24	13-4-194653	SHAFT ASSY., REPELEX DUCT	
	25	11-2-154901	SPRING	
	26	13-5-183630	ROLL ASSY., OSCILLATING	
	27	13-7-182440	RETAINING RING	
	28	13-6-182433	BRG. R.	
	29	13-9-183628	ROLL, OSC.	
	31	13-2-182437	BRG. L.	
	32	F2-3330	SCREW, SLOT 8-32X1/4	
	33	13-7-182432	PIN, BUSHING LOCK	
	34	216-1505-1	DOG, CAM SCREW	
	35	13-5-174852	SCREW, ROLL CAM	
	36	13-7-186201	SHAFT ASSY., OSC.	
	37	120-1512	COLLAR	
		91-2419	SET SCREW	
x	38	13-3-186189	MOIST. FORM ROLL MOLLETON	
38A		83-4-105207	FORM ROLL, BLUE SHRINKON	
		83-3-105208	BLUE SHRINK ON COVER	
	*	83-2-104418	FORM ROLL, 3M SLEEVE	

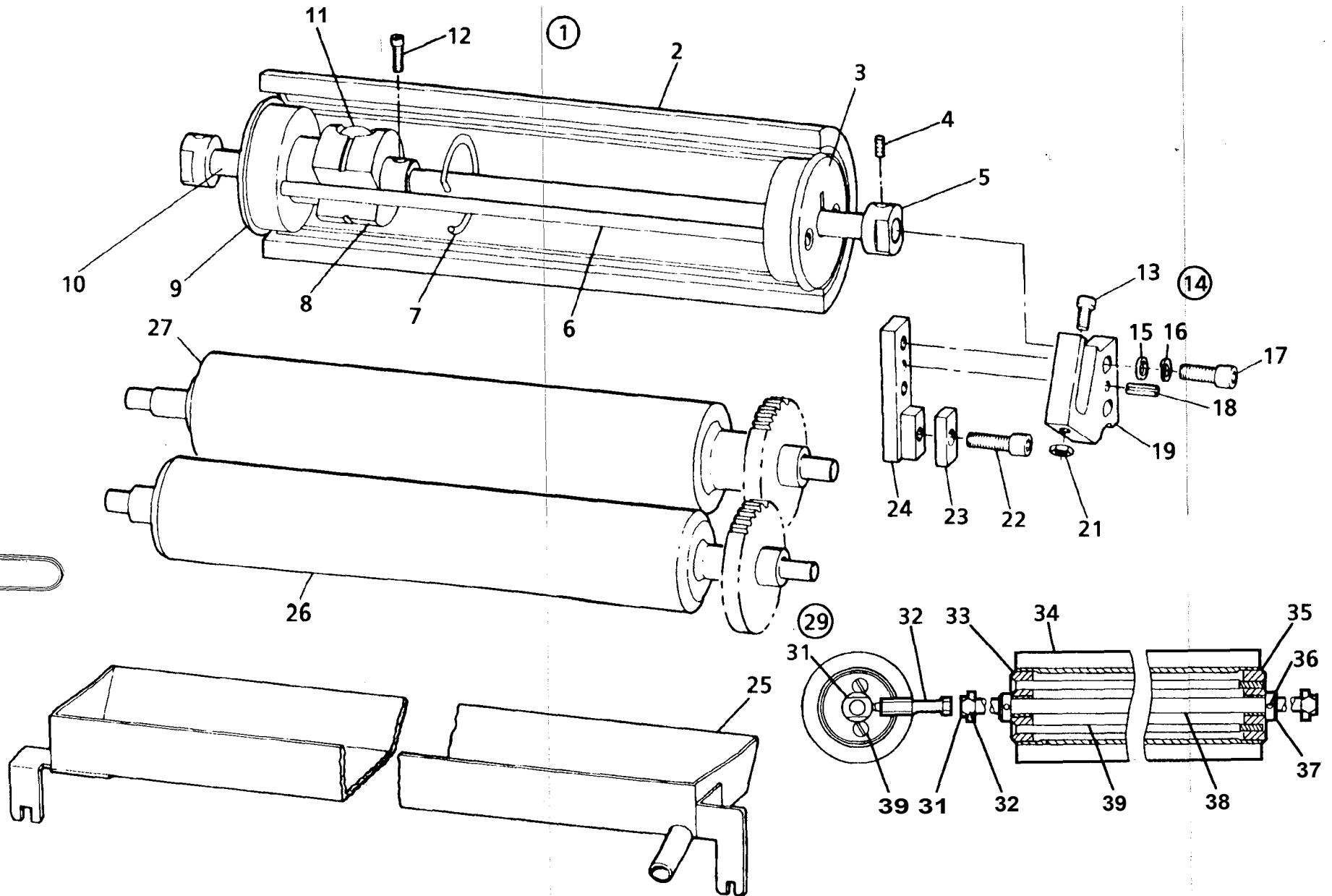
* Indicates Change

January 1992



GROUP 22 - Moisture Adjustment Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-9-197552	PLATE ASSY., ADJ. 2-16	1
2	13-2-166075	BEARING	2
4	48-423-197E	SCREW, TR. HD 10-32X3/8	2
6	13-0-197551	PLATE ASSY.	1
8	13-9-191449	BKT., ADJ. SCREW	1
9	850-2014	WASHER, C	2
10	13-8-174404	SHAFT, FTN. ROLL DRIVE	1
11	23093	WASHER, SPRING	1
12	13-2-191438	ROD, ADJUSTING	1
13	13-1-191439	PIN	1
14	13-9-166029	LINK, PIVOT	1
15	1937-3734	RING, RETAINING	1
16	13-5-191450	BRACKET, INDICATOR	1
17	13-6-181773	CLUTCH ASSY., BACKSTOP	1
18	13-9-166052	CLUTCH ASSY.	1
19	13-9-166029	LINK	1
21	1937-3734	WASHER, C	3
24	170-1320	RING, RETAINING	1
25	2750-3626	WASHER	AR
26	120-7031	WASHER	1
27	48-433-607F	SCREW	1
28	F2-33242	WASHER	1
29	13-7-174405	PLATE, STOP	1
31	48-409-197C	SCREW, 10-32X3/8	2
32	13-7-191441	COUPLING	1
34	13-3-191445	MOISTURE ADJ. ASSY 35-46	1
35	976-1250	SCREW, SET 10-32	1
36	13-6-187564	KNOB, ADJ. SCREW	1
37	13-6-191442	INDICATOR	1
39	23093	WASHER, SPRING	1
41	13-9-188650	KNOB, BALL	1
42	13-1-191447	ROD	1
43	13-2-191446	BRACKET, SUPPORT	1
44	48-436-045D	NUT, JAM 1/4-20	1
45	13-4-191444	PLUNGER, SPRING	1
46	13-8-191440	SCREW, ADJ.	1
	850-2014	RETAINING RING	1
47	48-438-206R	WASHER	1
48	13-0-191448	LINK	1
49	13-4-189471	BRACKET, SPRING	2
51	13-4-189489	SPRING	2
52	13-1-189490	GRIP RING	2
53	13-8-189477	BRACKET	1
54	ARM-758	WASHER	2
55	13-2-166034	LINK ASSY.	1
56	200-936	SCREW 1/4-24X11/32	1
57	13-6-181781	SHAFT. ASSY GEAR RED.	1
58	14-182	PIN	2
999	13-4-190222	LABEL, SCALE	1

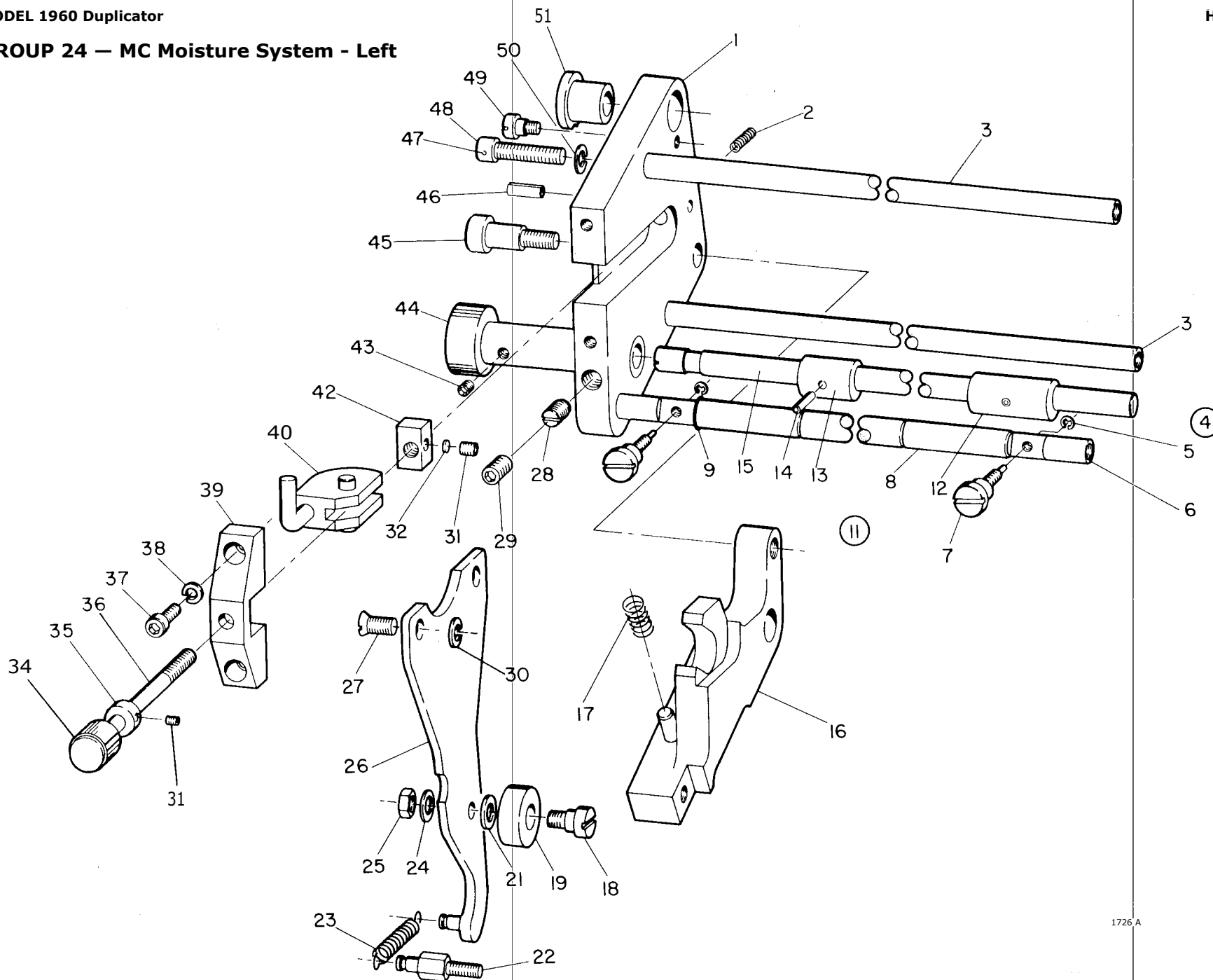
GROUP 23- MC Moisture System Rolls

GROUP 23- MC Moisture System Rolls

KEY	PART NUMBER	DESCRIPTION	QTY	NT
/1	13-1-193419	OSC. ROLL COMP.	1	
	13-0-192131	ROLL ASSY. 1	1	15Li414-01.)1-1
3	13-2-178708	BRG. ASSY. L.	1	
4	50608	SCREW, SET 1/4-20X1/4	2	
5	13-4-191758	COLLAR	2	
6	185-3648	SCREW 1/4-20X18.5	2	
7	120-2203	SPRING	1	
8	750-3452	SCREW, ROLL OSC. CAM	1	
9	13-4-178706	BRG. ASSY. R.	1	
10	13-5-192060	SHAFT	1	
11	120-2202-1	DOG, CAM SCREW	1	
12	F2-3330	SCREW, 8-32X1/4	1	
13	48-434-0407	SCREW, CAP 10-32X3/4	1	
14	13-2-192139	BKT. SUPPORT R.	1	
	13-3-192138	BKT. SUPPORT L.	1	
		INCL 15-19, 24		
15	48-437-032D	WASHER, 1/4	2	
16	48-438-208B	WASHER, 1/4	2	
17	48-411-410C	SCREW, 1/4-20X3/4	2	
18	13-5-144228	PIN, ROLL 3/16X1/2	1	
19	13-4-191766	SUPPORT	1	
21	48-435-036B	NUT, 10-32	1	
22	48-426-370C	SCREW, CAP L.	1	
	48-434-0490	SCREW, CAP R.	1	
23	13-1-191769	WASHER	1	
24	13-5-191757	BKT., SUPPORT	1	
25	13-4-194489	PAN ASSY., MOISTURE	1	
	13-5-192326	HOSE 25" .31 ID .50 OD	1	
26	13-2-193418	ROLL ASSY. FOUNTAIN COMP	1	1-D y iiko 5 49# > x ¹ 07744.
	14-3022-87	WASHER	3	
27	13-9-194724wIer4e	ROLL ASSY., TRANSFER	1	
	14-3022-87	WASHER	3	
N-) L 4	* 29 13-5-197994	ROLL ASSY., LARGE tRAMir.	1	ck e No o5C74.1.4r/
	* 31 13-4-191758	COLLAR	2	
	* 32 13-2-195504	POST, LOCKING OSC.	2	
	* 33 13-3-195966	BEARING ASSY. R.	1	
	34 13-6-197993	-ROLL ASSY. arc 3-461.6	1	rt-r7 05€. v- No4v_osc 12.ottAg
	35 13-2-178708	BEARING ASSY. L.	1	
	* 36 50603	SET SCREW 10-32X1/4	2	
	* 37 120-2709	COLLAR	2	
	* 38 13-5-192060	SHAFT, OSC.	1	
	39 185-3648	SCREW 1/4-20X18.5	2	
	*			

Indicates Change

GROUP 24 — MC Moisture System - Left

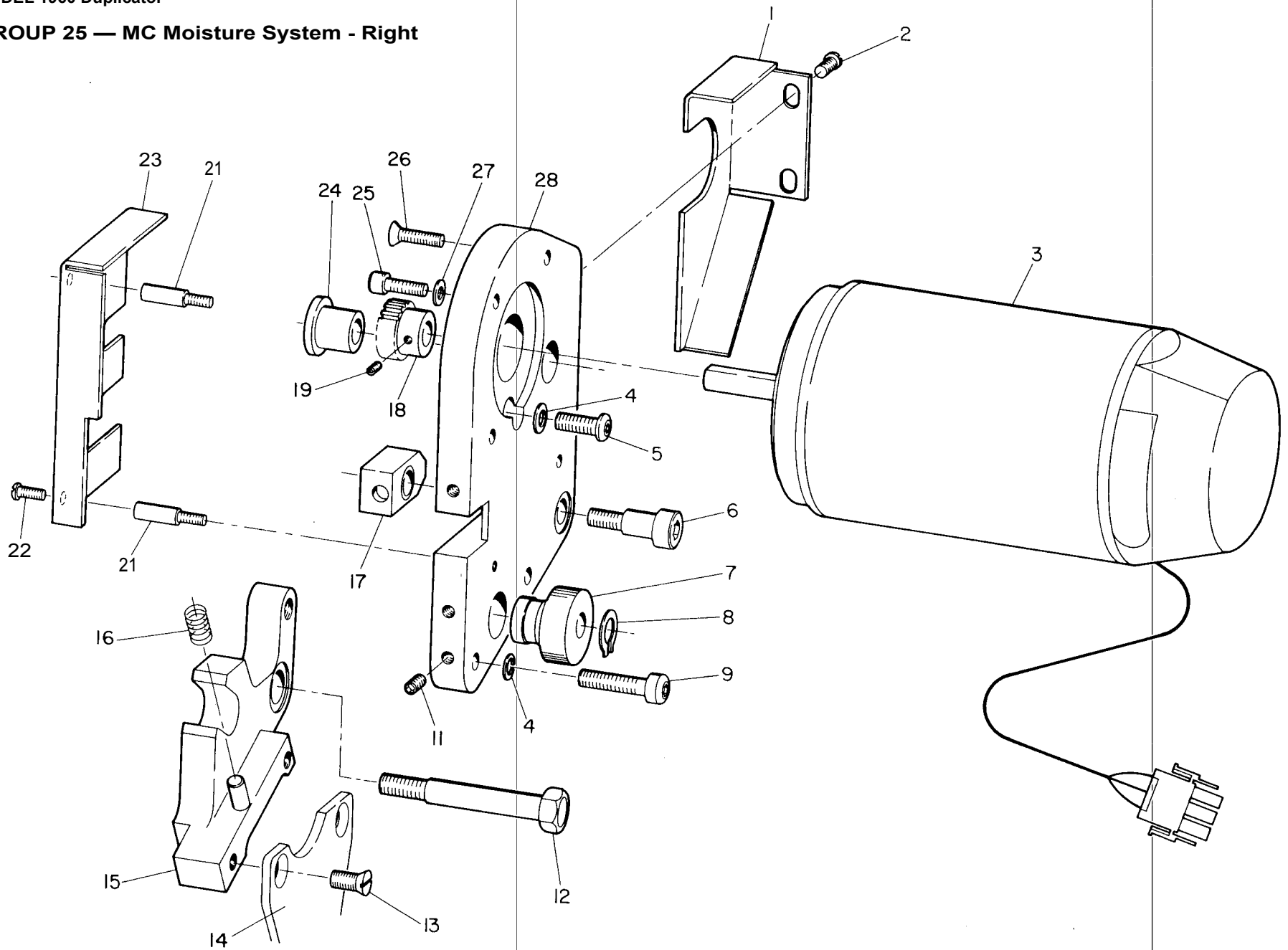


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GROUP 24 — MC Moisture System - Left

KEY	PART NUMBER	DESCRIPTION	QTY	NT	KEY	PART NUMBER	DESCRIPTION	QTY	NT
	13...7-192043	DAMPENER ASSY.	1		32	80-.1209	PLUG. PLASTIC	2	
1	13-8-191747	SIDE FRAME U.S.	1		34	13-3-.187245	KNOB	2	
2	13...4192038	SPRING, COMPRESSION	1		35	190...5342	COLLAR	2	
3	13-5-192045	TIE BAR			36	13-9...191738	SCREW, METERING ROLL ADJ*	2	
4	13...8-194493	TIE BAR ASSY 5-.9			37	48-4340367	SCREW. CAP 10...32X5/8	6	
5	A91-6083	RING, RETAINING	2		38	48-..438....206C	WASHER LOCK	4	
6	/3-9-194492	TIE BAR	1		39	13-5-191740	SUPPORT, NIGHT LATCH	2	
7	13-0...194491	SCREW, MOISTURE PAN	2		40	13-4...191741	CAM ASSY. NIGHT LATCH L.	1	
8	/85..3713	COLLAR	13			13...6.-193344	CAM ASSY* NIGHT LATCH R.	1	
9	310-2105	O RING	2		42	13-8...191739	NUT. METER ROLL ADJ.	1	
11	13-4-192046	SHAFT ASSY,,, ECC• 12-15			43	976-1250	SCREW, SET I0-32X3/16	1	
12	13...1-192049	ECCENTRIC	1		44	13-8193495	KNOB ASSY,		
13	13...2-192048	ECCENTRIC	1		45	13-.8-192042	SCREW, SHOULDER 3/8X1/2	2	
14	308624	PIN, ROLL	2		46	13-5-144228	PIN, ROLL 3/16X1/2	2	
15	13-3-192047	SHAFT 1/8 X 1/2	1		47	139-192041	SAFETY WIRE		AR
16	13-..1-193492	ARM ASSY CAM FOLLOWER Le	1		48	13-4-.191774	SCREW. CAP 1/4--20X1		
17	13..3-193490	SPRING			49	13-3-191775	SCREW, SHOULDER		
18	120-3675	SCREW	1		50	48..438...208C	WASHER, LOCK 1/4	6	
19	120...3467	ROLLER	1		51	13-..5-191732	BRG, TRANSFER ROLL U.S.	1	
21	190-5054	WASHER	1						
22	13...2...191768	STANDOFF, Le	1						
23	13-3-.1920t2	SPRING							
24	AXM-27	WASHER	1						
25	48-436-.044C	NUT							
26	13-.9-194419	ARM ASSY. Le	1						
27	48409-370C	SCREW. 1/4....20X1/2	2						
28	/3-2-191370	SPRING PLUNGER	1						
29	11...2230	SET SCREW 5/16-18X1/4							
30	48438-6058	LOCKWASHER	2						
31	91-2108	SCREW, SET 10-32X1/8	4						

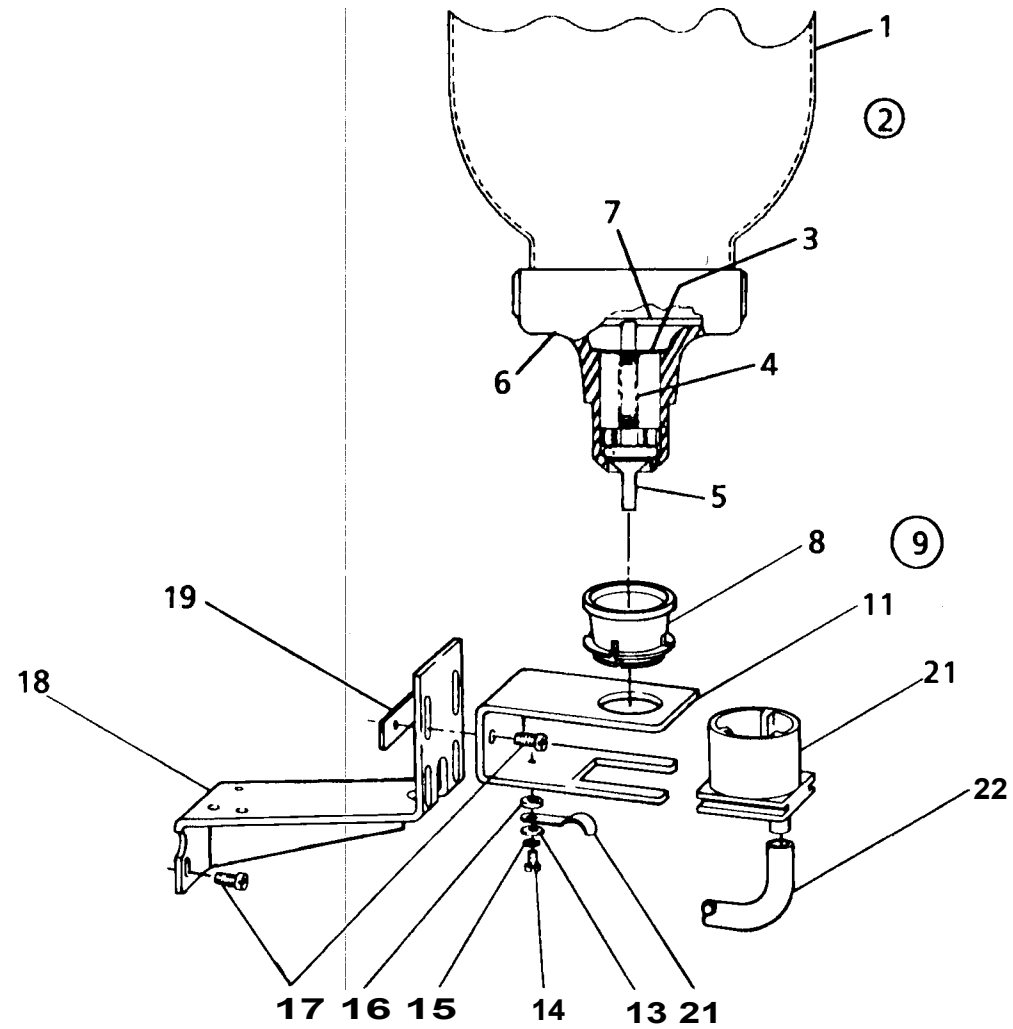
GROUP 25 — MC Moisture System - Right



GROUP 25 — MC Moisture System - Right

KEY	PART NUMBER	DESCRIPTION	QTY	NT
I	13-. .8191754	GUARD, GEAR L.H.	1	
2	48.-•417.•197C	SCREW, PAN 1032X3/8	2	
3	13.-9...194377	MOTOR ASSY. DC 50/60 HZ	1	1
	49200012	BRUSH ASSY	2	
	57400001	SPRING ASSY	2	
	531-.00003	REAR BEARING	1	
	531-.12247	FRONT BEARING		
4	48-. -438-208C	WASHER. LOCK 1/4	2	
5	48426-.370C	SCREW, 1/4-20X5/8	1	
6	13\...8-192042	SCREW, SHOULDER 3/8X1/2	2	
7	13....I 191736	ECCos TRANSFER ROLL ADJ.	1	
8	13...6% 192044	GRIP RING	1	
9	48-434-0490	SCREW, CAP 1/4--20X1	2	
	XM-874	SCREW, SET 10....32X3/8		
12	120-3603	SCREW	1	
13	48-409-370C	SCREW, 1/4-20X11/2	2	
	303138	WASHER, 1/2 OoD	2	
	48-438-6058	LOCKWASHER	2	
14	13-. .194421	ARM ASSY, ' R	1	
15	13-.2-193491	ARM. CAM FOLLOWER		
16	13-3-193490	SPRING		
17	13-4-.193259	SLIDE BLOCK METER. ROLL	2	
18	136-. .191756	GEAR, MOTOR	1	
19	190-6206	SET SCREW 8•-32X3/16	1	
21	13-.4-191777	STANDOFF	2	
22	48-417...194C	SCREW, PAN 8-32X3/8	2	
23	13-7-191755	GUARD, GEAR. RoH	1	
(3,-549 /73a,24	4:11=21.4.911"11	BEARING		
25	48-434-0367	SCREW, 1032X5/8		
26	48-409-2778	SCREW. 10-. .32X1/2		
27	48438 206C	LOCKWASHER #10	3	
28	13-1-193260	SIDE FRAME ASSY.,	1	
999	13-3-196154	MOTOR CABLE		
NOTE 1:		BRUSHES LOCATED AT MOTOR FRONT		
		SHAFT PROTRUDES FROM HSG. AT MOTOR REAR		

GROUP 26- Moisture Bottle & Bracket Assembly

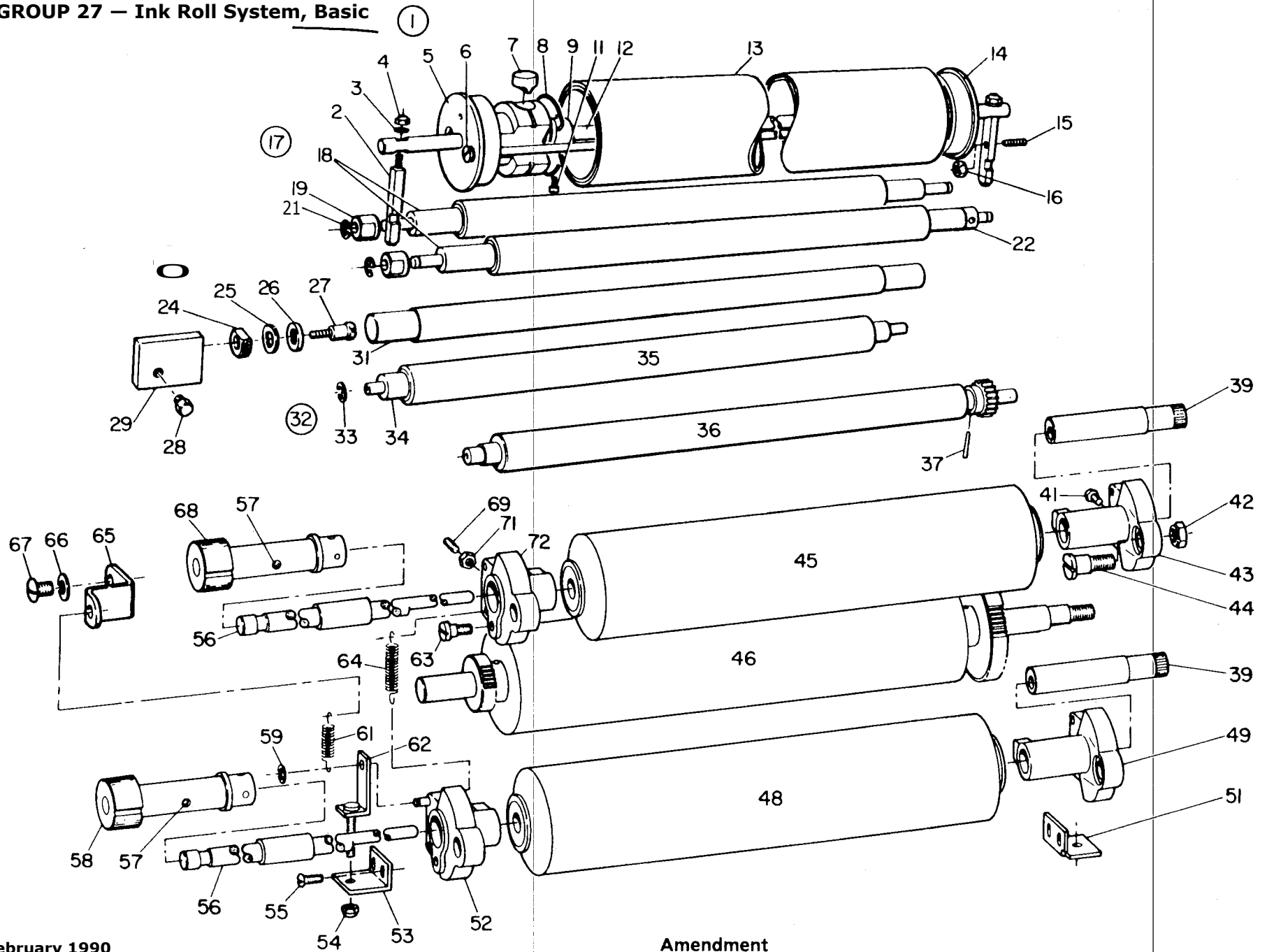


GROUP 26- Moisture Bottle & Bracket Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
* 1	13-2-206848	BOTTLE	1
* 2	120-3697-A	CAP ASSY.	1
3	120-36970	GUIDE VALVE STEM	1
4	120-9783	SPRING	1
5	13-6-199437	PLUNGER	1
	13-5-199438	O RING	1
* 6	120-3697	CAP	1
* 7	13- 9-2 02915	GASKET	1
8	13-6-173150	BOTTLE NEST	1
9	13-1-187569	BKT. ASSY. RECEPTACLE INCL. 11-16	1
11	13-3-187518	BRACKET, RECEPTACLE	1
12	13-1-173106	SPRING	1
13	48-437-021D	WASHER, PLAIN	1
14	48-433-272D	SCREW	1
15	48-438-204R	LOCKWASHER	1
16	11-4-150915	SPACER	1
17	660-1234	SCREW	4
18	13-6-191293	BRACKET, MC MODEL	1
	13-4-187517	BRACKET	1
19	18103	NUT BAR	1
21	120-3693	RESERVOIR	1
22	13-5-192326	HOSE	1

* Indicates Change

GROUP 27 — Ink Roll System, Basic

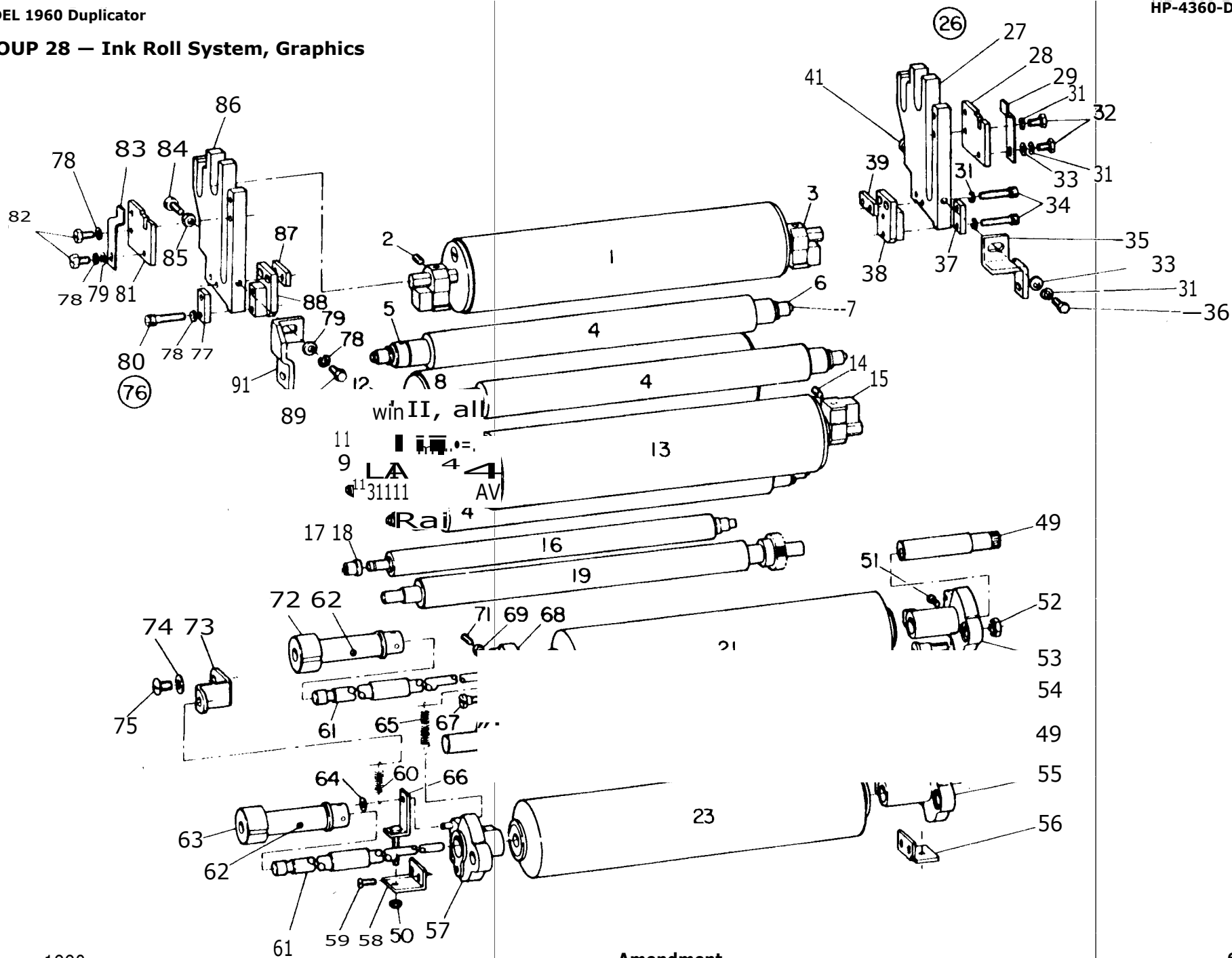


GROUP 27- Ink Roll System, Basic

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-9-179162	ROLL ASSY., OSC. COMP.	1	41	48-411-2370	SCREW	1
2	13-9-179220	PIN GUIDE	2		13-6-182235	PIN	1
3	69-1240	WASHER	2	42	190-102	NUT	4
4	91-2152	NUT	2	43	13-3-187583	BKT., FORM ROLL R.	1
5	13-4-178706	BEARING	1	44	120-3469	SCREW, PIVOT	4
6	185-3648	SCREW 1/4-20X18.5	2	45	13-6-192069	ROLL ASSY. FORM	1
7	120-2202-1	DOG, CAM SCREW	1	46	13-2-199548	ROLL ASSY. VIB. COMP.	1
8	120-2203	SPRING	1		296-1656	GEAR	1
9	750-3452	SCREW, ROLL OSC. CAM	1		EF-4200	PIN, TAPER	1
11	F2-3330	SCREW	1		296-1657	PINION	1
12	13-4-179217	SHAFT	1		117-238	PIN, PAPER	1
13	13-0-179161	ROLL ASSY., OSCILLATOR	1		185-3653	1 SHER	1
14	13-2-178708	BEARING	1		185-3654	LAR	1
15	13-0-179146	SCREW	1		185-3655	NUT	1
16	700-9272	NUT, HEX	1	48	13-0-192065	ROLL, FORM	1
17	13-3-179523	ROLL ASSY. INT. DIST.	2	49	185-3497-A	BKT., LOWER FORM	1
18	13-4-192293	ROLL ASSY.	1	51	13-4-188242	BKT., SUPPORT R.	1
19	78-40	BEARING	2	52	13-5-188258	BKT., LOWER FORM ROLL L.	1
21	700-8006	WASHER	2	53	13-5-188241	BKT., SUPPORT L.	1
22	3A-55880	COLLAR	1	54	91-2152	NUT, ELASTIC STOP	1
	63434	SET SCREW	1	55	48-425-197C	SCREW 10-32X318	2
23	13-7-189627	BRG. ASSY., TRANSFER ROLL	1	56	13-5-196681	SHAFT, FORM ROLL	2
24	120-36001	LATCH, RET.	1	57	976-1250	SET SCREW	2
25	CC-1010	WAVE WASHER	1	58	13-4-196674	KNOB, LOWER FORM	1
26	A7-8614	WASHER	1	59	170-1331	WAS	1
27	120-36003	SCREW	1	61	3AS-7766	SPRING	1
28	48-411-114C	SCREW, HEX 8-32	1	62	13-6-188240	ARM ASSY.	2
29	13-5-189645	POST, RET. LATCH	1	63	69-984	SCREW	1
31	185-3664-A1	TRANSFER ROLL	1	64	120-3506	SPRING	1
32	13-0-194665	ROLL ASSY., DUCTOR	1	65	185-3662	BRACKET, SPRING	1
33	10-3002	RING RETAINING	2	66	60-158	LOCKWASHER	2
34	11-9-154904	BEARING	2	67	48-422-117C	SCREW	2
35	185-3633-A	ROLL	1	68	13-5-196673	KNOB, UPPER FORM	1
36	185-3637-A	ROLL ASSY., DIST.	1	69	4-731-A	RETAINER ASSY.	2
37	14-182	PIN	1	71	4-337	NUT, JAM	1
39	185-3673	BRG, SHAFT ECC R.	1	72	13-1-187585	BKT., FORM ROLL L.	1

* Indicates Change

GROUP 28 — Ink Roll System, Graphics



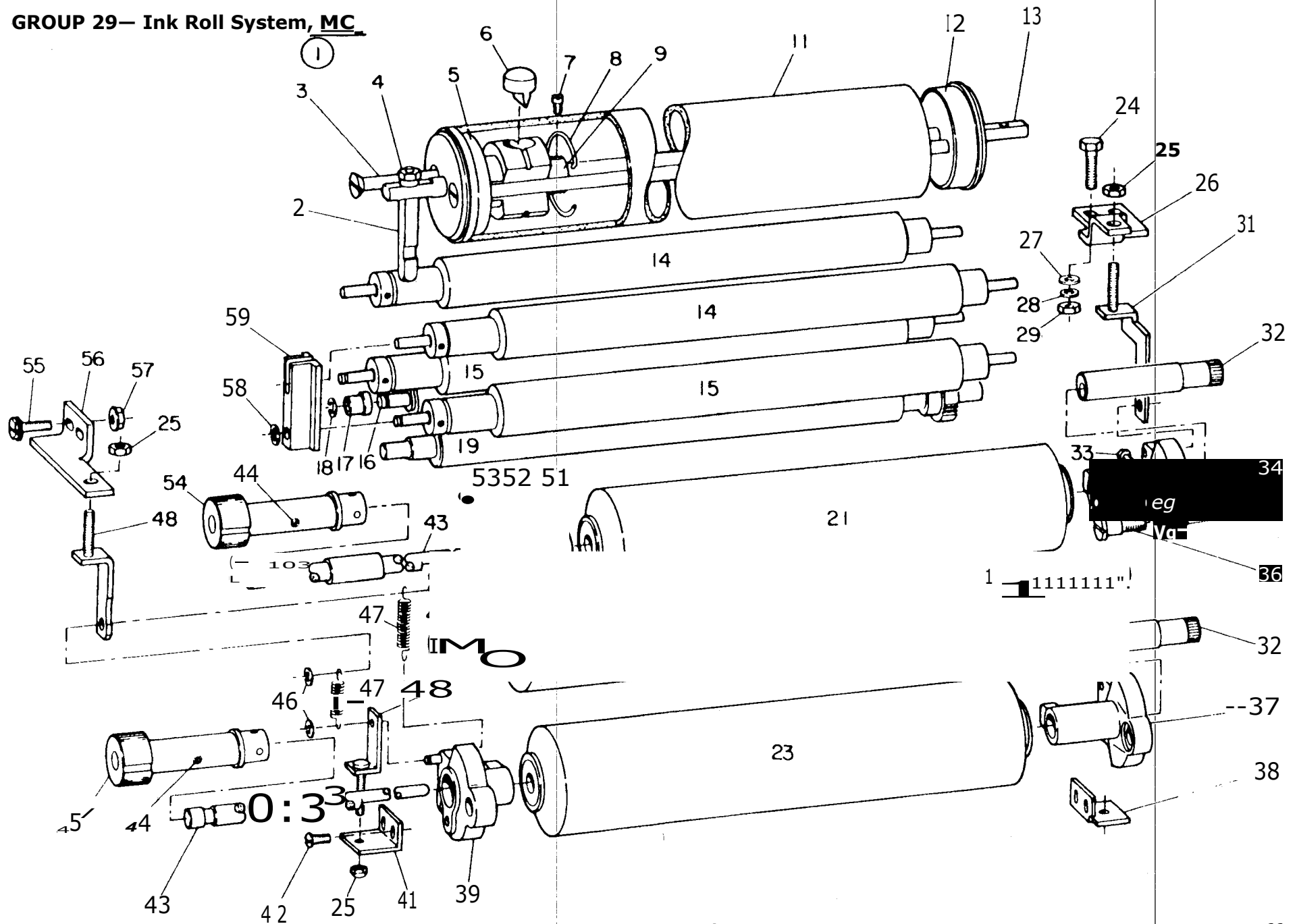
GROUP 28- Ink Roll System, Graphics

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-7-179347	ROLL ASSY., OSC COMP.	1	41	48-411-407C	SCREW, HEX	1
	13-0-179161	ROLL	1		48-435-036D	NUT	1
2	715-9000	SET SCREW	2	49	185-3673	BRG. SHAFT ECC. R.	1
3	13-8-181797	COLLAR	2	50	91-2152	NUT, ELASTIC STOP	1
4	13-3-179523	ROLL ASSY. INTER.	4	51	48-411-2370	SCREW	1
5	3A-55880	COLLAR	1		13-6-182235	PIN	1
	63434	SET SCREW	1	52	190-102	NUT	4
6	78-40	BEARING	2	53	13-3-187583	BKT., FORM ROLL R.	1
7	700-8006	WASHER	2	54	120-3469	SCREW, PIVOT	4
8	13-9-179162	ROLL ASSY OSC. COMP.	1	55	185-3497-A	BKT., LOWER FORM	1
	13-0-179161	ROLL ASSY.	1	56	13-4-188242	SKI., SUPPORT R.	1
9	13-0-179146	SCREW	1	57	13-5-188258	BKT., LOWER FORM L.	1
	700-9272	NUT, HEX 8-32	1	58	13-5-188241	BKT., SUPPORT L.	1
11	13-9-179220	PIN GUIDE	2	59	48-425-197C	SCREW, 10-32X3/8	2
12	69-1240	WASHER	2	60	120-3506	SPRING	1
	91-2152	NUT	2	61	13-5-196681	SHAFT, FORM ROLL	2
13	13-4-197995	ROLL ASSY., TOP INK	1	62	976-1250	SET SCREW	2
14	715-9000	SET SCREW	2	63	13-4-196674	KNOB, LOWER FORM ROLL	1
15	13-8-181797	COLLAR	2	64	170-1331	WASHER	1
16	185-3633-AS	DUCTOR ROLL	1	65	3AS-7766	SPRING	1
17	10-3002	WASHER C	2	66	13-6-188240	ARM ASSY.	2
18	11-9-154904	BEARING, SHORT	1	67	69-984	SCREW	1
	13-6-198652	BUSHING, LONG	2	68	13-1-187585	BKT., FORM ROLL L.	1
19	185-3637-A	ROLL, DISTRIBUTOR	1	69	4-337	NUT, JAM	1
21	13-6-192069	ROLL, INK FORM	1	71	4-731-A	RETAINER ASSY.	1
22	13-2-199548	ROLL ASSY., VIB. COMP.	1	72	13-5-196673	KNOB, UPPER FORM	1
	296-1656	GEAR	1	73	185-3662	BRACKET, SPRING	1
	EF-4200	PIN, TAPER	1	74	60-158	LOCKWASHER	2
	296-1657	PINION	1	75	48-422-117C	SCREW	2
	117-238	PIN, TAPER	1	76	13-1-197998	SUPPORT ASSY. L.	1
23	13-0-192065	ROLL ASSY., FORM	1	77	13-5-181287	WASHER, TWIN	1
26	13-2-197997	SUPPORT ASSY., R.	1	78	48-438-206B	WASHER LOCK	1
27	13-9-186431	SUPPORT	1	79	3A-2614	FLAT WASHER	2
28	13-2-196585	BRACKET	1	80	48-434-0447	SCREW, CAP	4
29	13-9-188049	SPRING, HOLD DOWN	1	81	13-2-196585	BRACKET	1
31	48-438-2063	WASHER LOCK 810	1	82	48-411-157C	SCREW, HEX 10-32X5/16	1
32	48-411-157C	SCREW, HEX 10-32X5/16	1	83	13-9-188049	SPRING HOLD DOWN	1
33	3A-2614	WASHER, FLAT	1	84	48-411-407C	SCREW, HEX	1
34	48-434-0447	SCREW, CAP	4	85	48-435-036D	NUT	1
35	13-4-183110	SUPPORT, BKT. R.	1	86	13-9-186431	SUPPORT	1
36	13-0-183379	SCREW, HEX 10-32X1/2	1	87	13-0-179138	NUT BAR	1
37	13-5-181287	WASHER, TWIN	1	88	13-6-181286	BRACKET, LOCATOR	1
38	13-6-181286	BRACKET, LOCATOR	1	89	13-0-183379	SCREW, HEX	1
39	13-0-179138	NUT BAR	1	91	13-3-183111	SUPPORT, L.	1

*

Indicates Change

GROUP 29— Ink Roll System, MC

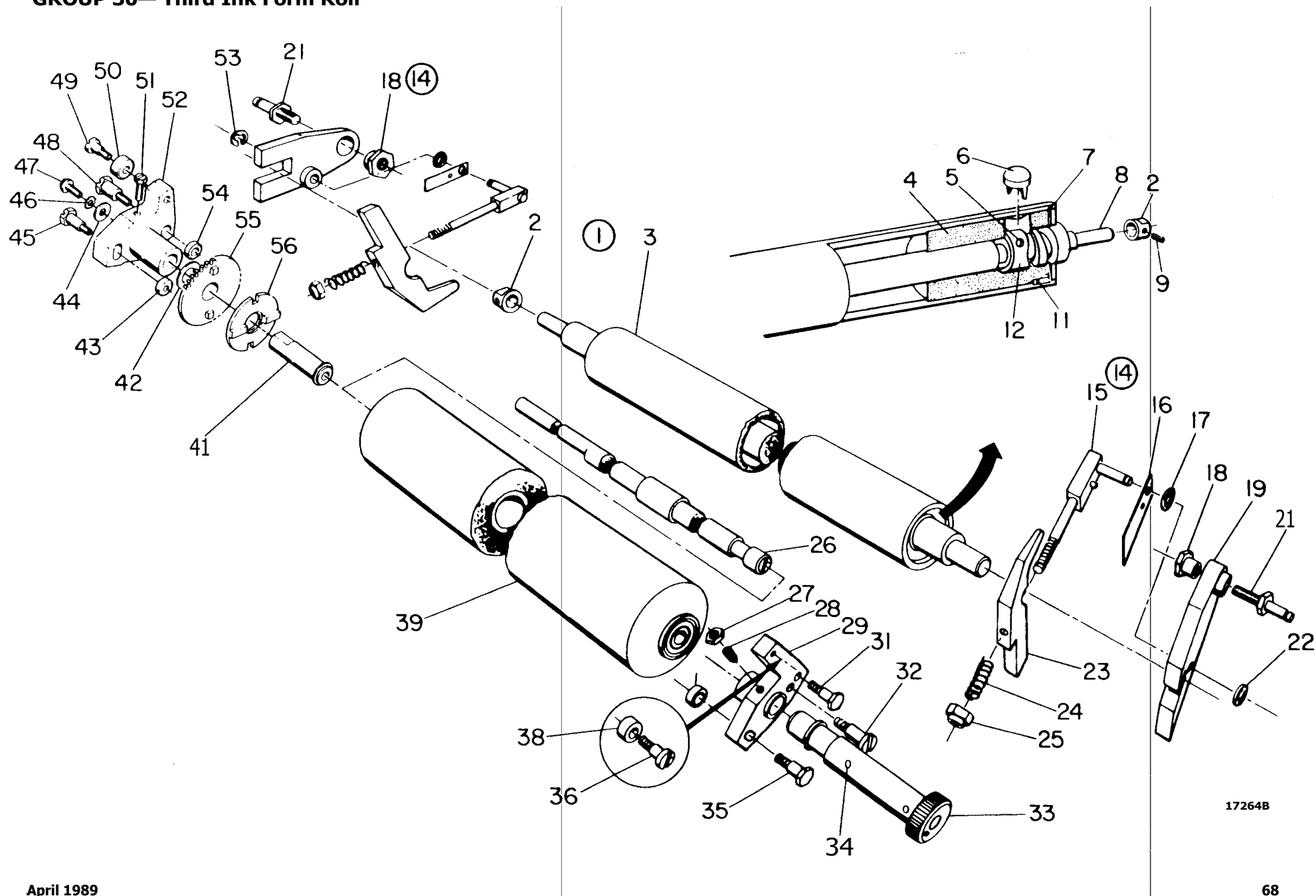


GROUP 29- Ink Roll System, MC

KEY	PART NUMBER	DESCRIPTION	QTY	NT	KEY	PART NUMBER	DESCRIPTION	QTY	NT
	13-5-193712	ROLL ASSY., OSC COMP.	1		29	48-435-0368	NUT, HEX	1	
1	13-0-179161	ROLL ASSY.	1		31	13-7-191631	ARM ASSY.	1	
2	2650-10502	PIN, GUIDE	2		32	185-3673	BEARING, SHAFT ECC	2	
3	185-3648	SCREW 1/4-20X18.5	2		33	48-411-3670	SCREW	1	
4	69-1240	WASHER	2			27-1852	PIN, PLASTIC	1	
	91-2152	NUT	2		34	190-102	NUT	1	
5	13-4-178706	BEARING	1		35	13-3-191635	BKT., FORM ROLL R.	1	
6	120-2202-1	DOG, CAM SCREW	1		36	120-3469	PIN, PIVOT	1	
7	F2-3330	SCREW	1		37	185-3497-A	BKT, LOWER FORM ROLL R.	1	
8	120-2203	SPRING	1			27-1852	PIN, BRASS	1	
9	750-3452	SCREW, ROLL OSC. CAM	1			48-411-367D	SCREW HEY	1	
11	13-8-178678	CORE ASSY.	1		38	13-4-188242	BKT., SUPPORT R.	1	
12	13-2-178708	BEARING	1		39	13-5-188258	BKT., LOWER FORM ROLL L.	1	
13	13-4-179217	SHAFT	1		41	13-5-188241	BKT., SUPPORT L.	1	
14	3A-55880	COLLAR	1		42	48-425-197C	SCREW, 10-32X318	2	
	63434	SET SCREW	1		43	13-5-196681	SHAFT, FORM ROLL	2	
15	13-4-193713	ROLL ASSY DISTRIBUTOR	2		44	976-1250	SET SCREW	2	
16	185-3633-AS	ROLL ASSY, DUCTOR	1		45	13-4-196674	KNOB ASSY., LOWER	1	
17	11-9-154904	BUSHING	1		46	170-1331	WASHER, C	2	
18	10-3002	WASHER, C	1		47	120-3463	SPRING	4	
19	185-3637-A	ROLL, 1ST DISTRIBUTOR	1		48	13-6-188240	ARM ASSY.	3	
* 21	13-5-193415	ROLL INK FORM COMP.	1		49	69-984	SCREW	1	
22	13-2-199548	ROLL ASSY., VIB. COMP.	1		51	13-4-191634	BKT., FORM ROLL L.	1	
	296-1656	GEAR	1		52	4-337	JAM NUT	1	
	EF-4200	PIN, TAPER	1		53	4-731-A	RETAINER ASSY.	1	
	296-1657	PINION	1		54	13-5-196673	KNOB, FORM ROLL UPPER	1	
	117-238	PIN, TAPER	1		55	48-411-367D	SCREW, HEY	2	
* 23	13-4-193416	FORM ROLL COMP	1			48-438-206B	LOCKWASHER	2	
24	48-411-4508	SCREW	1			48-437-0268	WASHER	2	
25	91-2152	NUT, ELASTIC STOP	1		56	13-9-192132	BKT., SUPPORT L.	1	
26	13-1-192072	BKT., SUPPORT UPPER R.	1		57	48-435-0368	NUT, 10-32	2	
27	48-437-0268	WASHER	1		58	700-8006	WASHER	4	
28	48-438-2068	WASHER, LOCK	1		59	13-6-168069	BUSHING	4	

* indicates Change

GROUP 30— Third Ink Form Roll



17264B

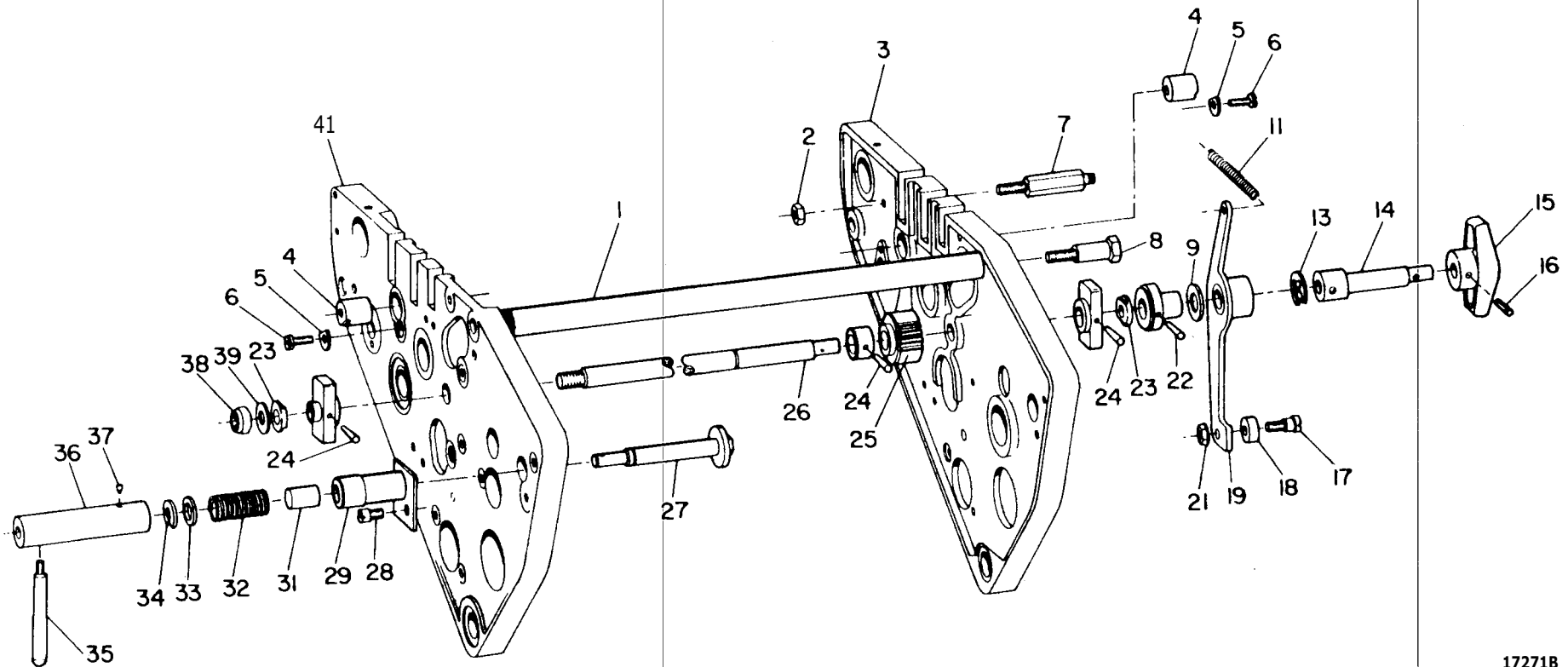
GROUP 30 - Third Ink Form Roll

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-9-197867	ROLL ASSY., OSC. COMP.	1	29	13-8-188230	BKT. ASSY. 3RD FORM ROLL	1
2	13-4-188218	BEARING	2	31	13-7-188231	SCREW, SHOULDER	2
3	13-5-188621	ROLL, OSC.	1	32	13-2-188236	SCREW, SHOULDER	2
4	13-2-182437	BEARING ASSY. L.	1	13	13-0-196678	KNOB ASSY., INK FORM ROLL	1
	13-6-182433	BEARING ASSY. R.	1	34	XM-981-4	SCREW, SET	1
5	F2-3330	SCREW, SLOT HD. 8-32X1/4	1	35	13-4-188234	SCREW, SHOULDER	2
6	216-15051	DOG, CAM SCREW	1	36	13-6-188232	SCREW, SHOULDER	2
7	13-7-182440	RING, RETAINING	2	37	13-1-188237	SPACER	1
8	13-3-188623	SHAFT, OSC. ROLL	1	38	13-5-188233	ROLLER	2
9	850-5064	SCREW, SET 8-32X1/4	2	39	13-3-197863	ROLL ASSY., INK FORM	1
11	13-7-182432	PIN, BUSHING LOCK	2	41	13-0-196868	BRG. ASSY. FORM ROLL W/	1
12	750-3452	SCREW, ROLL CAM	1			RETAINING RING	
14	13-2-188632	SUPPORT ASSY. OSC.	2	42	185-3714	WASHER	1
		INCL. 15-17. 19, 22-25		43	13-1-188237	SPACER	1
15	13-7-188629	PIVOT ARM ASSY.	1	44	F2-1103	WASHER	1
16	13-5-182020	SPRING, FLAT	1	45	13-4-188234	SCREW, SHOULDER	1
17	305536	SPRING, WASHER	1	46	48-438-505C	WASHER, LOCK	1
18	13-2-188624	NUT, PIVOT BKT.	2	47	48-412-277C	SCREW, 10-32X1/2	1
19	13-4-188630	BRACKET ASSY.	1	48	13-7-188231	SCREW, SHOULDER	1
21	13-2-188210	STUD	2	49	13-6-188232	SCREW, SHOULDER	1
22	309714	RING, RETAINING	1	50	13-5-188233	ROLLER	1
23	13-0-182025	SUPPORT, ROLL	1	51	48-411-367D	SCREW, HEX HD 10-32X5/8	1
24	13-7-182028	SPRING, COMPRESSION	1	52	13-4-196864	BRACKET, R.	1
25	91-2152	NUT, ELASTIC	1	53	309714	RING RETAINING	1
26	13-1-197865	SHAFT ASSY., GEAR DR.	1	54	13-3-188235	SPACER	1
27	4-337	NUT, JAM 5/16-18	1	55	13-0-189954	GEAR	1
28	4-731-A	RETAINER ASSY, BALL	1	56	11-7-154187	DISK	1

*

Indicates Change

GROUP 31 — Night Latch Shaft & Master Cylinder Wrench

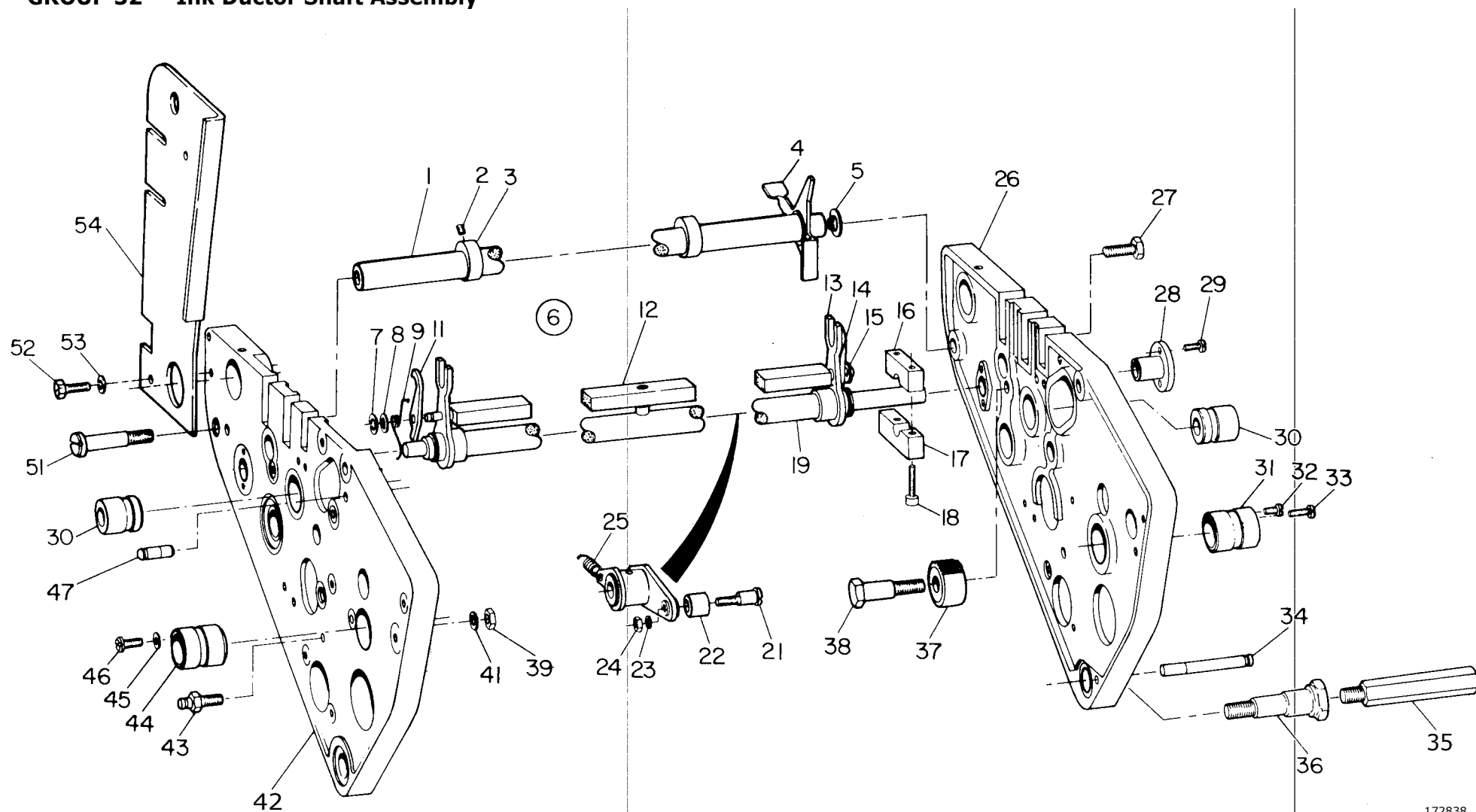


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GROUP 31 — Night Latch Shaft & Master Cylinder Wrench

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	185-3613	TIE BAR	1
2	6400-610	NUT	1
3	13-'1.3'..188656	INK PLATE ASSY. R. (4-6)	1
4	120-3500	BUSHING	
5	200"•9	WASHER	
6	48-406-154C	SCREW 832X5/16	
7	120-"3612-2	STUD	1
8	120-3603	SCREW 5/16-24XI1X16	2
9	1956010	WASHER	1
11	A7-7207	SPRING	1
13	850-'5009	WASHER. C	
/4	13-0...491117	EXT. SHAFT MC ONLY	1
15	13"'0-187214	KNOB. ROLL SEPARATING	1
16	91-2107	SCREW, I0-32X3/8	2
17	40..-1873	SCREW. 1/4-28X23/32	1
18	40"..1871	ROLLER	I
19	120-3460-A	LEVER ASSY.	1
21	190-102	NUT	1
22	EF-3500	TAPER PIN	1
23	120-3628	BUSHING, GUIDE	1
24	17-130	TAPER PIN	3
25	185..'3657'..A	GEAR ASSY.	1
26	13-5-'181261	SHAFT ASSY. FCRM ROLL SEP	1
27	13-1-187551	WRENCH. MASTER CYL.	
28	48-433200F	SCREW I/4.""20X3/8	
29	13-9-196539	PLATE ASSY.' MTG.	1
31	132-187550	SPACER	1
32	ULG-"6214	SPRING	1
33	PX-'1.42	WASHER	1
34	50-'1535	WASHER. C	1
35	13-4-187541	LEVER, MC WRENCH	1
36	13' '..0187552	HUB, WRENCH	1
37	11-21331	SET SCREW	1
38	185-3655	NUT	1
39	192-'8051	WASHER	I
41	13-1-196537	INK PLATE ASSY.' L (4'..6)	1

GROUP 32 — Ink Ductor Shaft Assembly



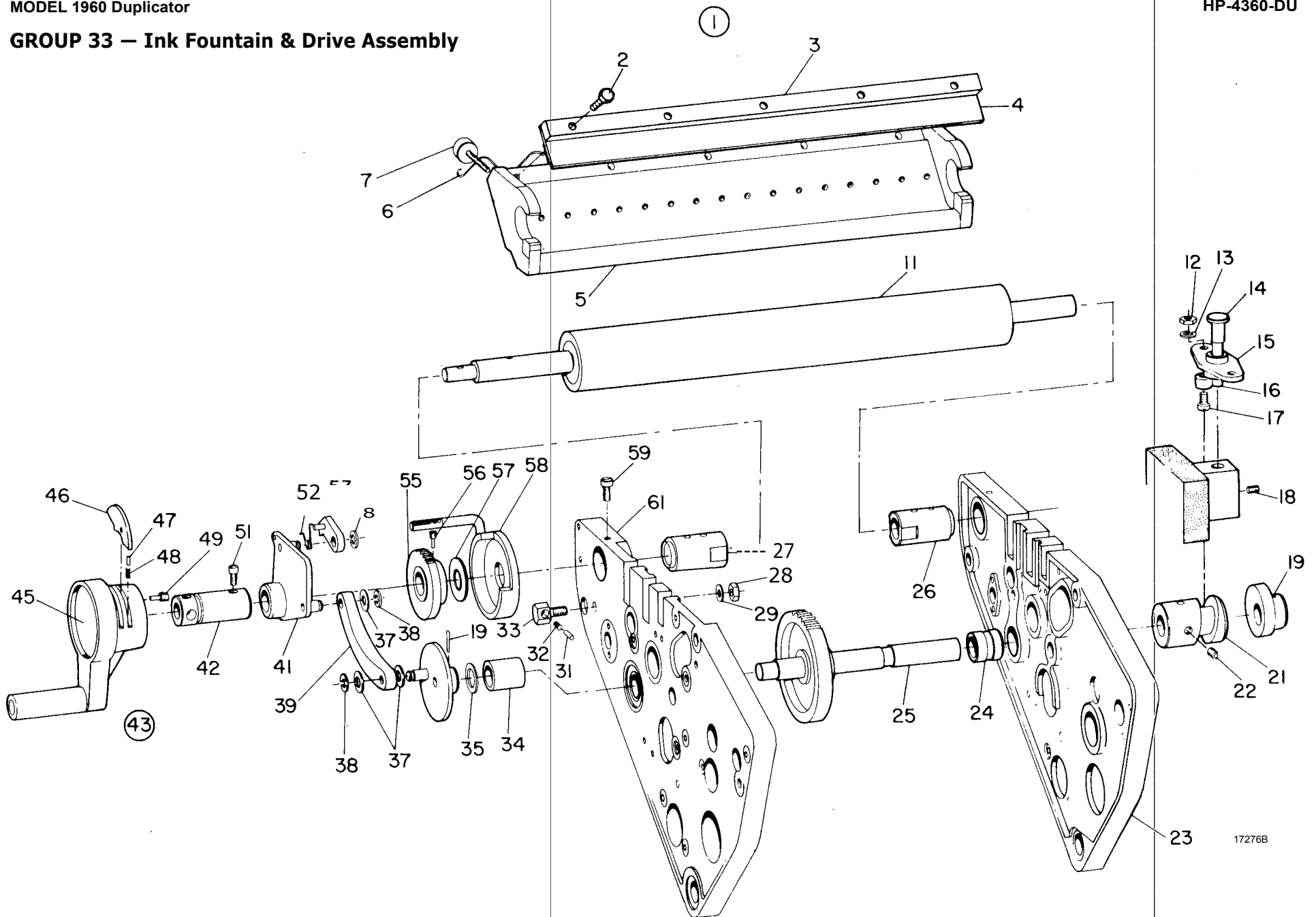
172838

GROUP 32 — Ink Ductor Shaft Assembly

KEY	PART NUMBER	DESCRIPTION	OTT	NT
1	132-189440	TIE BAR		1
2	63434	SET SCREW		
3	13..-6-..188091	CAM SUPPORT		
4	13-...9-193627	LEVER ASSY, . DUCTOR	1	
5	13.7..188033	GRIP RING	1	
6	13-g-194656	SHAFT ASST.. DUCTOR COMP.	1	
		INCL. 7-•24		
7	1720-1031	WASHER, C	2	
8	A7-8614	WASHER	2	
9	13-...3-196519	SPRING		
11	13.-7-194643	LATCH, DUCTOR ROLL	2	
12	132-.194648	BAR ASSY*, EQUALIZER	1	
13	13.-.0-494640	ARM ASSY., DUCTOR	2	
14	11-2-...154901	SPRING	1	
15	48-437-.0260	WASHER. PLAIN	4	
16	13..-2-..160060	CLAMP, SHORT	1	
17	13-2...493616	CLAMP, LONG	1	
18	48-..433-404F	SCREW, CAP 8-32X3/4	2	
19	130.-.194657	SHAFT ASSY•to DUCTOR		
21	13-5-182236	SCREW, ECCE	1	
22	13-2-182239	BEARING ASSYe		
23	48-438-206R	WASHER, LOCK	1	
24	48-435-036C	NUT		
25	216-1411	SPRING	2	
26	13*3-188656	INK PLATE ASSY''' . Re	1	
27	2960..1636	SCREW	1	
28	1853634....A	BEARING	1	
29	48....406-154C	SCREW. 8-.-32X5/16		
30	/20-3504	BUSHING	2	
31	1853502	BUSHING Re	1	

KEY	PART NUMBER	DESCRIPTION	OTY	NT
32	48.-406-154C	SCREW 8-.32X5,16		1
33	120-3501	SCREW, 8-..32X3/8		1
34	13-.-5-188266	PIN		1
3f	13-2-196700	STANDOFF		1
36	1275-3105	SCREW 3/8...24X11/16		2
37	185-3508	GEAR		1
38	185-3509	SCREW		
39	48-435--043C	NUT. HEX 1/4-20		
41	48-.-438-20813	WASHER. LOCK 1/4		1
42	131-196537	SIDE PLATE. L.		1
43	13-2-188210	STUD		
44	185-3550	BUSHING		1
45	200-9	WASHER		
46	48-406-154C	SCREW 8-32X5/16		1
47	HA-5121	PIN. SPRING		
51	13-3189381	BOLT. SHOULDER		
52	48-411:-.277C	SCREW		1
53	48-438\ -206R	WASHER. LOCK		
54	13...2-194333	PLATE, SAFETY		1

GROUP 33 — Ink Fountain & Drive Assembly

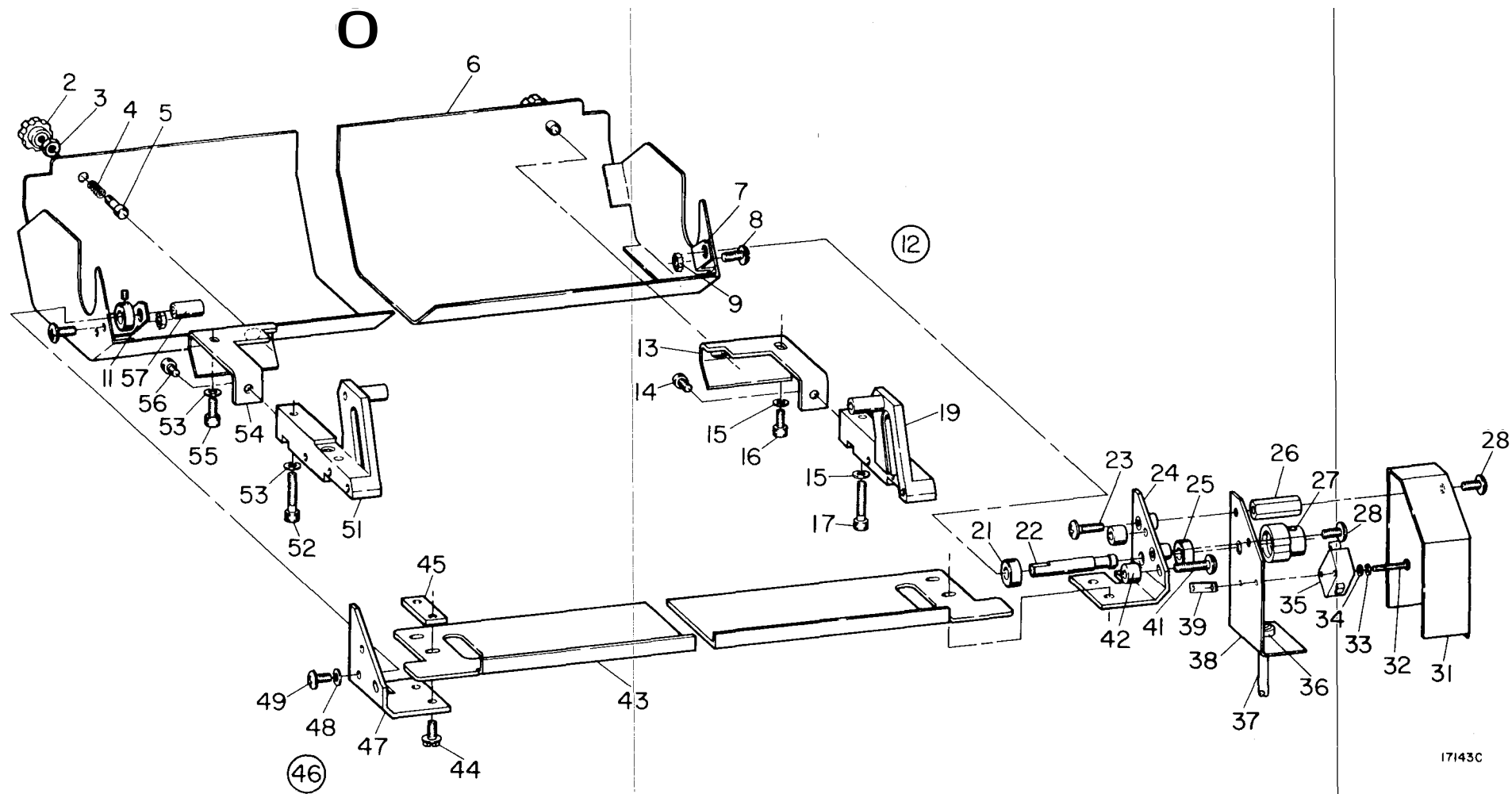


GROUP 33 — Ink Fountain & Drive Assembly

KEY	PART NUMBER	DESCRIPTION	CITY	NT
1	182-.4073-4	INK FOUNTAIN ASSY.		1
2	4-303	SCREW		9
3	185-3600	CLAMP		
4	182-40730	BLADE ASSY.		1
5	13-3-193615	FOUNTAIN		1
6	120-3604	WIRE TENSION		2
7	120-36181	ADJ. SCREW		27
11	13-9-189435	ROLLER, INK FOUNTAIN		1
12	40-1836	NUT		2
13	03-...4632	LOCKWASHER		2
14	120-3608	PIN		1
15	185-3614A	LEVER ASSY.. ROCKER		1
16	/85-3616	ROLLER		2
17	1853617	SCREW		2
18		SET SCREW		
19	XM..-415	PIN		
21	185..-368	CAM		1
22	120-.5329	SET SCREW		2
23	13-3188656	PLATE ASSY. INK UNIT Re		
24	120-3505	BUSHING		1
25	185-3609-A	SHAFT ASSY., CAN		1
26	13-0-189434	BUSHING. FOUNTAIN ROLL Re		1
27	13...-8-189436	BUSHING. FOUNTAIN ROLL Le		1
28	4-312	NUT. HEX 1/4-24		1
29	48-.438-208R	WASHER. LOCK		1
31	296-1697	SNUBBER		1
32	ARM- 882	SPRING		1
33	1203556	BLOCK. DETENT		
34	9301400	BUSHING		1
35	137-182002	WASHER		

KEY	PART NUMBER	DESCRIPTION	QTY	NT
37	69-1202	WASHER		1
38	40-1813	C WASHER		1
39	12 0-361 5-1	LINK		
41	13-5-189454	BELL CRANK ASSY.		1
42	13-7-189650	HUB. RATCHET DRIVE		1
43	13-8-165535	CRANK ASSY.. INK UNIT		1
		INCL. 45-49		
45	132•-130352	INSERT, HANDLE		1
46	185-3607	PAWL, CRANK RATCHET		2
47	185...3606	PIN		2
48	91- 22 12-1	SPRING		2
49	D2-5519	SCREW		1.
51	48•-433-197.-	SCRTW		
52	120-3612-1	SPRING		1
53	1.3.-5-187680	PAWL ASSY.		1
55	13-.0-195779	RATCHET, INK FOUNTAIN		
56	36-533	SCREW		
57	KG•••7309	WASHER		1
58	13-7-18945z	ATCHET SHie.LD ASSY.		
59	13-9-189492	SCREW		1
61	13.0.1 196537	PLATE ASSY.. INK UNIT L.		1

GROUP 34 — Ink Cleanup Assembly



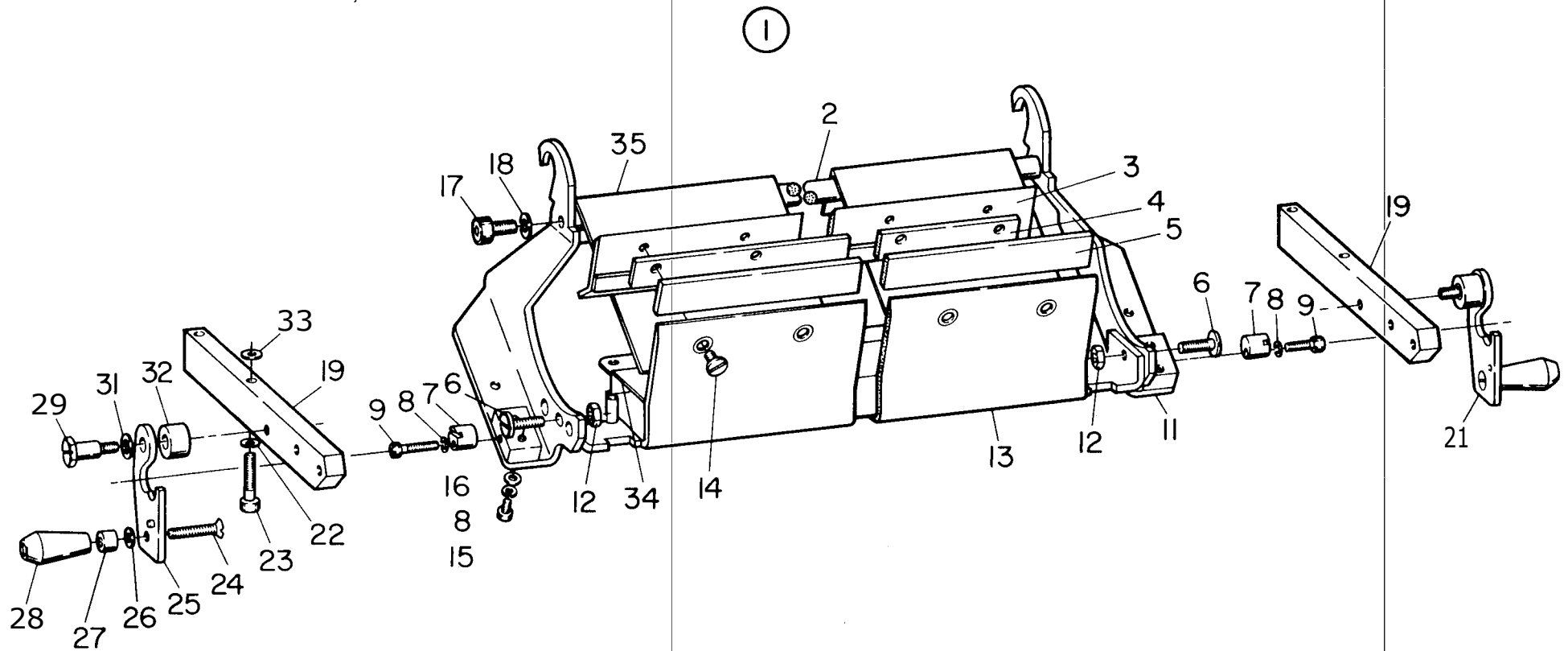
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GROUP 34 — Ink Cleanup Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-4-188812	COVER ASSY ^e . COMP*	2-11	1
2	66031	KNOB		2
3	48-435-036D	NUT. HEX 10-32		2
4	21368	SPRING		2
5	21369	PLUNGER		2
6	13-5-188811	COVER ASSY*		1
7	13-2-.188806	ARM, PIVOT ^{Le}		
8	48-423-1978	SCREW		4
9	50162	NUT		4
11	13-3-188805	ARM, PIVOT ^{Re}		1
12	13..45-188810	SUPPORT ASSY*, COVER ^{Re} INCL. 13 14 19 22-42		1
13	13-3181768	CATCH. COVER ^{Re}		1
14	48-433-197F	SCREW, SOC 10-32X3/8		1
15	48-438-206R	WASHER LOCK		1
16	48-433...197F	SCREW, SOC 10..32X3/8		
17	48.-4334478	SCREW. 10-32X7/8		2
19	13-3-.182253	BK ^{Tes} ^{Re}		1
21	300665	COLLAR		2
	50636	SET SCREW		2
22	13-3-180737	PIN. CAM PIVOT		1
23	48-423-...3670	SCREW, 10-..32X3/8		1
24	13-8-190111	BKT* ASSY*. MTG. ^{Re}		1
25	300665	COLLAR		1
25	50636	SET SCREW		1
26	13...5 180214	POST, COVER		1
27	13-..9180046	CAM. SWITCH		1
	50602	SET SCREW 10-32X3/16		2
28	48423-197D	SCREW. 10-32X3/8		1
31	13...1 180739	COVER. SWITCH		1

KEY	PART NUMBER	DESCRIPTION	QTY	NT
32	48-4063980	SCREW. 4-40X3/4		
33	48-438:..202R	LOCKWASHER ⁰⁴		2
34	48.-437013D	WASHER, PLAIN ⁰⁴		2
35	13-1192981	SWITCH		1
36	48..011-0054	BUSHING. STRAIN RELIEF		1
37	13-..6..198.371	CABLE ASSY, . T.D. INTL ^{Ke}		1
38	132-180738	PLATE. SWITCH MTG.		1
39	13-..7....160677	TWIN NUT 4-40		
41	48...423-4078	SCREW. 10-32X3/4		2
42	13-8-188719	SPACER		2
43	13-2-188723	PLATE, FINGER GUARD		
44	48-412-1970	SCREW. 10....32X3/8		
44	26212	NUT BAR		2
46	13-9-186809	SUPPORT ASSY* COVER ^{Le}		1
47	13-4-188721	BRACKET. MTG. ^{Le}		1
	138-188719	SPACER		2
	48-423-4078	SCREW. TR. 10-32X3/4		2
48	48-...438-5058	WASHER. LOCK 010		1
49	48-423-1970	<u>SCREW. TR</u> ,		
51	13-1-182255	BRACKET. ^{Le}		1
52	48433-4478	SCREW. 1032X ⁷ / ₈		2
53	48-.438-206R	WASHER* LOCK		3
54	13-4181767	CATCH. COVER ^{Le}		
55	48-433-..197F	SCREW. 10-..32X3/8		1
56	48433-197F	SCREW SOC CAP 10....32X3/8		1
57	13-4.-180744	PIN. PIVOT ^{Le}		1

GROUP 34A — Ink Cleanup Attachment



17142C

GROUP 34A — Ink Cleanup Attachment

	KEY PART NUMBER	DESCRIPTION	QTY NT
	1 13-.2-.189465	CLEAN.-UP ASSY., INK ROLL	
	2 185-7406	TIE BAR. INK CLEAN-UP	
	3 185-7410-4	CLAMP ASSY., WIPER BLADE	
	4 185-7408	GUIDE. WIPER BLADE	
	5 185-7407	BLADE. INK CLEAN-UP	
	6 120-1231	SCREW. 10-32X5/8	2
	7 13...7...180733	CAM. TRAY POSITION	2
	8 48-.438-2058	LOCKWASHER 08	6
	9 48-433-4040	SCREW, 0-32X3/4	2
	11 13-5-180735	BLOCK, CAM MTG.	2
	12 XM-875	NUT. HEX 10-32	2
	13 13-5-188787	SUPPORT ASSY. • BLADE	
	14 48-409-1970	SCREW, 10-.32X3/8	10
	15 48-433-2740	SCREW, 8-32X1/4	4
	16 200-9	WASHER. FLAT 04	4
	17 48-.433-2810	SCREW. 1/4--28X1/2	2
	18 48-438-2088	LOCKWASHER, 1/4	2
	19 13-5-188720	BRACKET	2
	21 13...4-181775	LEVER ASSY., LOCK R.	
	22 48-438-206R	WASHER	4
	23 48-433-447G	SCREW. 10-32X ⁷ / ₈	4
	24 48-409-4470	SCREW, FL HD 10-32X ⁷ / ₈	2
	25 13-5-181774	LEVER ASSY., LOCK L.	
	26 48-438-5058	WASHER, STAR 010	2
	27 13-6-180734	SPACER. KNOB	2
	28 13-3...130328	HANDLE, LEVER	2
	29 13-9-188726	SCREW. SHOULDER	2
	31 303128	WASHER. WAVE	2
	32 13-9-180731	SPACER	2
	33 34S-7794	WASHER	4
	34 185-7412	DRIP PAN	
	35 13-5-180990	GUARD, CLEAN-UP	

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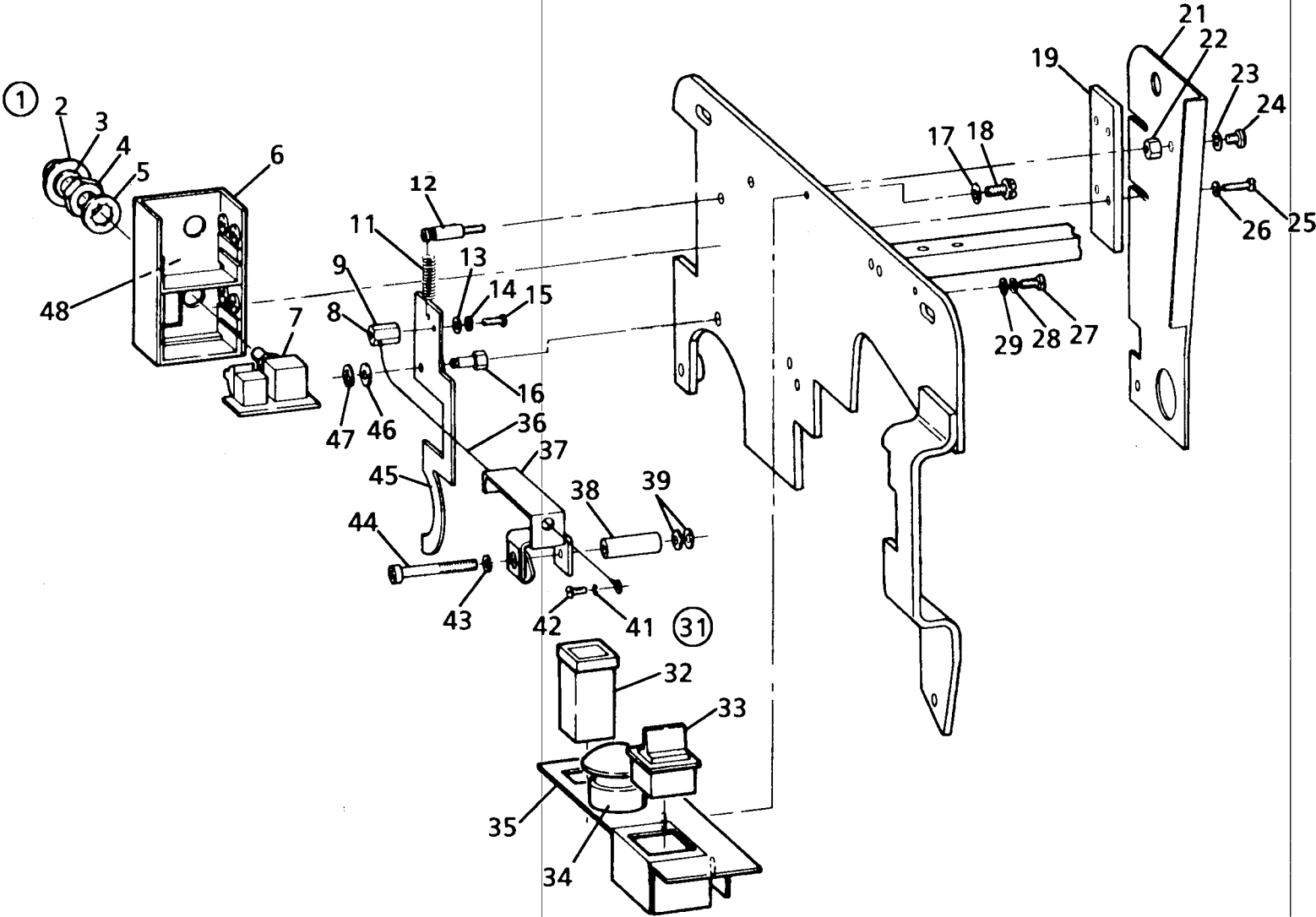
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GROUP 35- MC Moisture Control, Emergency Stop, Inching Switch



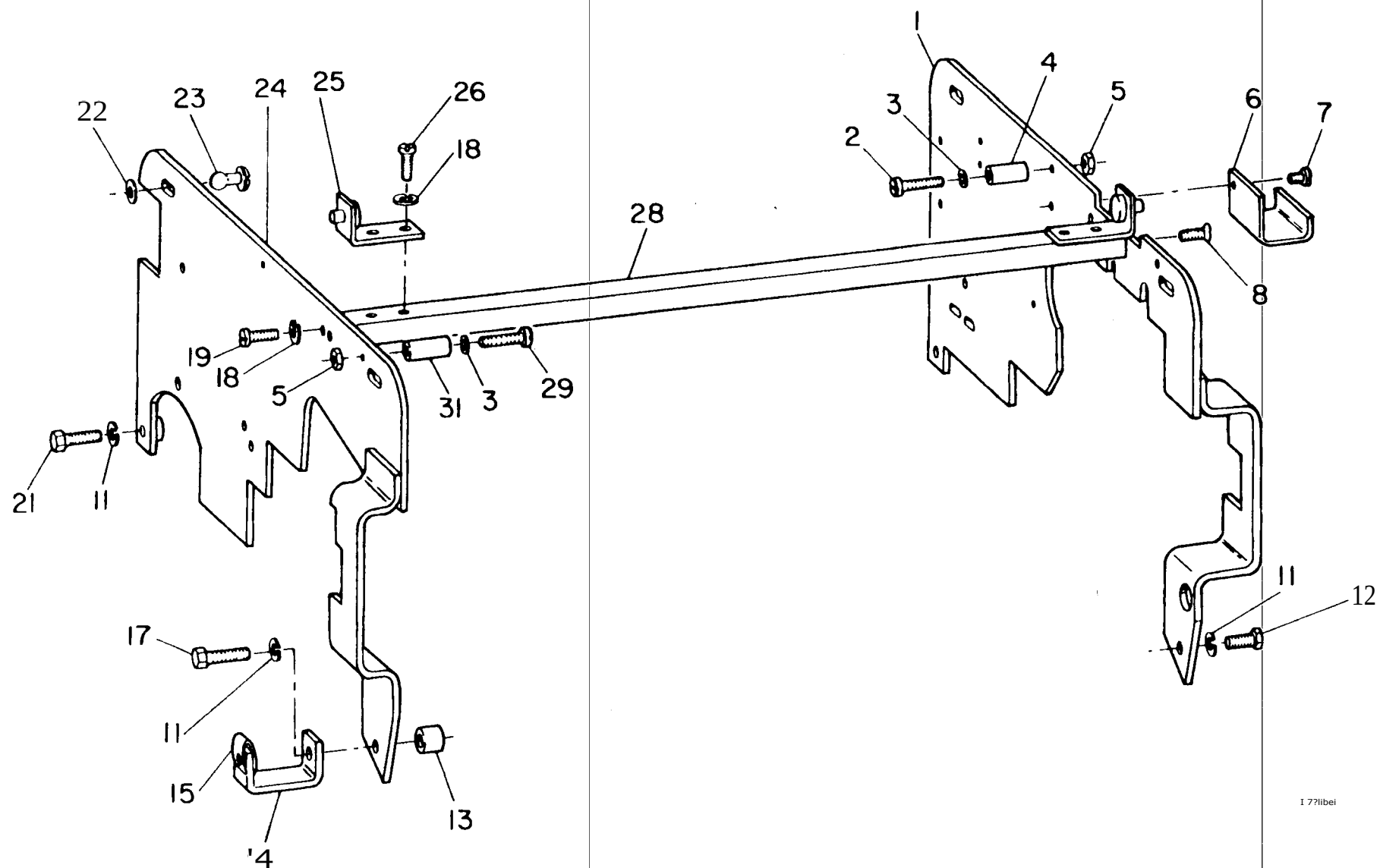
GROUP 35- MC Moisture Control, Emergency Stop, Inching Switch

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-0-198336	BOX ASSY., MOISTURE CNTRL	1	23	48-435-505A	WASHER, LOCK 10	1
2	13-9-194328	KNOB, MOISTURE CONTROL	1	24	48-425-0878	SCREW, TR HD	1
3	13-7-201265	WASHER, CURVED SPRING	1	25	48-425-2728	SCREW	2
4	50161	NUT, HEX LOCK	1	26	48-438-503B	WASHER LOCK	2
	13-7-201265	CURVED WASHER	1	27	48-419-1548	SCREW	1
5	48-438-410R	LOCKWASHER	1	28	48-438-2058	WASHER LOCK	1
6	13-3-194324	BOX ASSY., MOISTURE CNTRL	1	29	48-437-0238	WASHER PLAIN	1
m 7	13-0-194327	MOIST. CNTRL PC BD W/SW.	1	31	13-9-197453	INCHING E-STOP L.	1
	13-2-194317	2ND HD.	1		13-3-197590	INCHING E-STOP R.	1
	50161	NUT, HEX LOCK	2	32	13-5-196459	SWITCH, BUTTON	1
	48-438-410R	LOCKWASHER	1	33	13-4-193077	SWITCH, PADDLE	1
	13-0-194327	MOIST. CNTRL PC BD W/SW	1	34	13-6-197274	SWITCH	1
		1ST. HD		35	13-2-197823	BRACKET, L.	1
8	63434	SCREW, 8-32X3/16	1		13-2-197799	BRACKET, R.	1
9	13-3-188714	ANCHOR, CABLE	1	36	13-4-188713	CABLE, INK FEED	1
11	26-40671	SPRING, LATCH RETURN	1	37	13-2-194085	SKI., GUIDE ASSY.	1
12	120-8603	SCREW, 10-32X3/8	1	38	13-3-187773	SPACER	1
13	48-437-0238	WASHER, PLAIN	1	39	69-1240	WASHER	2
14	48-438-2058	WASHER, LOCK *8	1	41	48-438-2048	LOCKWASHER	1
15	48-419-1548	SCREW, 8-32X5/16	1	42	48-419-082D	SCREW 6-32X3/16	1
16	13-3-187682	PIN, PIVOT	1	43	48-438-206B	WASHER, LOCK 1110	1
17	48-438-505C	WASHER, LOCK *10	2	44	48-433-6078	SCREW, CAP 10-32X1 1/2	1
18	48-412-197C	SCREW, 10-32X3/8	2	45	13-0-189475	LEVER ASSY., REL. PAWL	1
19	13-9-195358	SPACER	1	46	A7-8614	WASHER	1
21	13-2-194333	PLATE, SAFETY	1	47	60829	RING, RETAINING	1
22	13-0-194350	SPACER	1	48	13-0-197429	RIBBON CABLE, 10 POS 84"	1

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Indicates Change

GROUP 36 — Safety Cover Side Frames

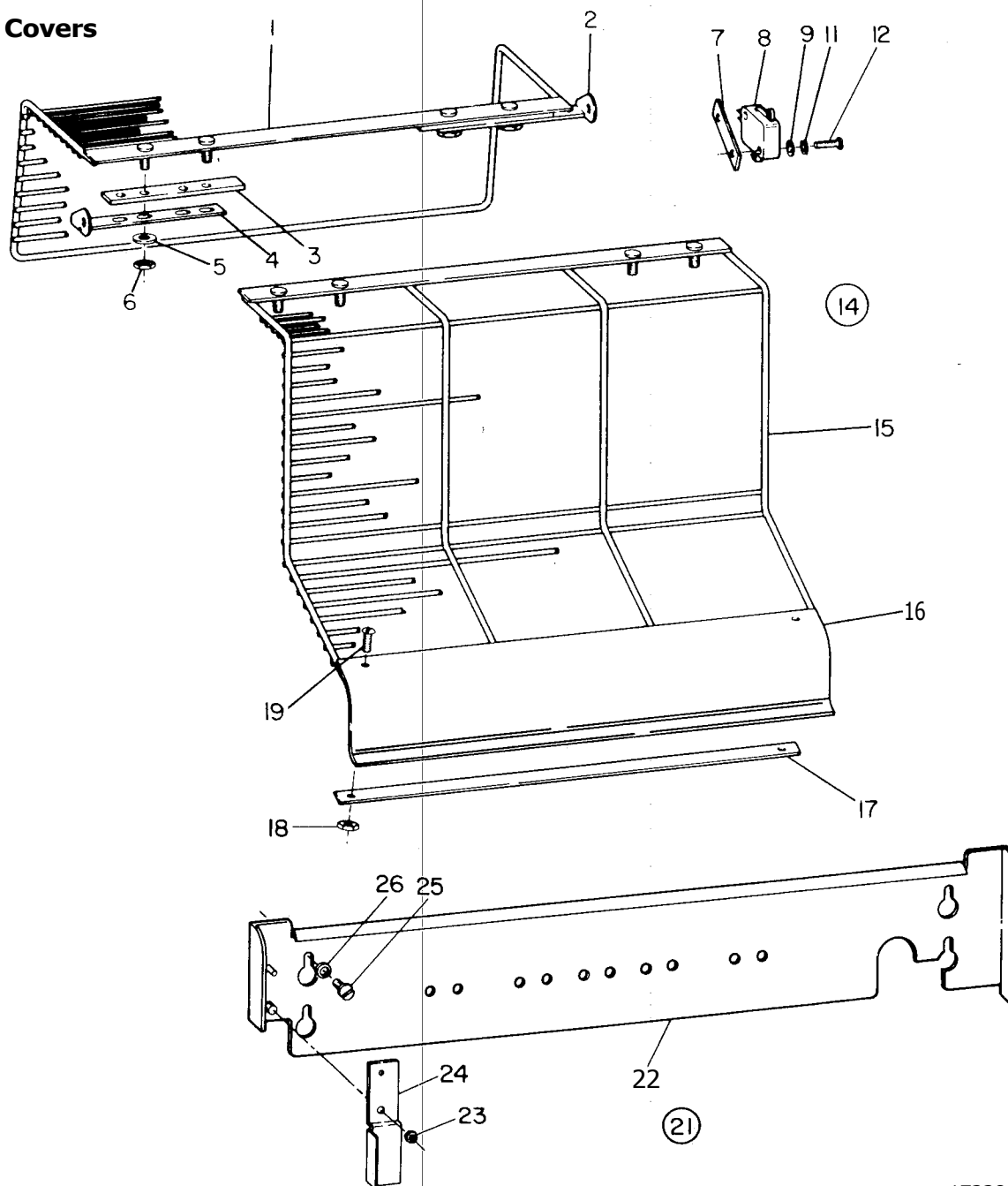


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GROUP 36 — Safety Cover Side Frames

KEY	PART NUMBER	DESCRIPTI ON	QTY NT
1	13-3-197780	INK PLATE R. MC ONLY	1
	13-9-197776	INK PLATE R.	
2	48-..4064448	SCREW	2
3	48-4382058	LOCKW ASHER	2
4	13-1-187528	SPACER	2
5	301133	NUT, KEPS	2
6	13-5-193365	BRACKET SAFETY	1
7	48.-422-1148	SCREW	1
8	48-409-2778	SCREW	2
11	48-438-208R	LOCK WASHER	1
12	48-411-2818	SCREW	1
13	13-5-187532	SPACER	2
14	13-8-187802	BRACKET	
15	13...0-184963	RECEPTACLE	1
17	48-411-451B	SCREW	1
18	48-438...2068	WASHER LOCK	2
19	48-406-3678	SCREW	2
21	48-..411-4118	SCREW	1
22	13-1-184970	RETAINER	4
23	13-3-187591	STUD	4
24	13-0-197775	INK PLATE L. MC ONLY	1
	13-4.-197771	INK PLATE Le	1
25	13-7-188587	BRACKET, HINGE	2
26	48-406-277B	SCREW	4
28	13-6-188596	TIE BAR	1
29	48-419-5648	SCREW	
31	13-3-187773	SPACER	

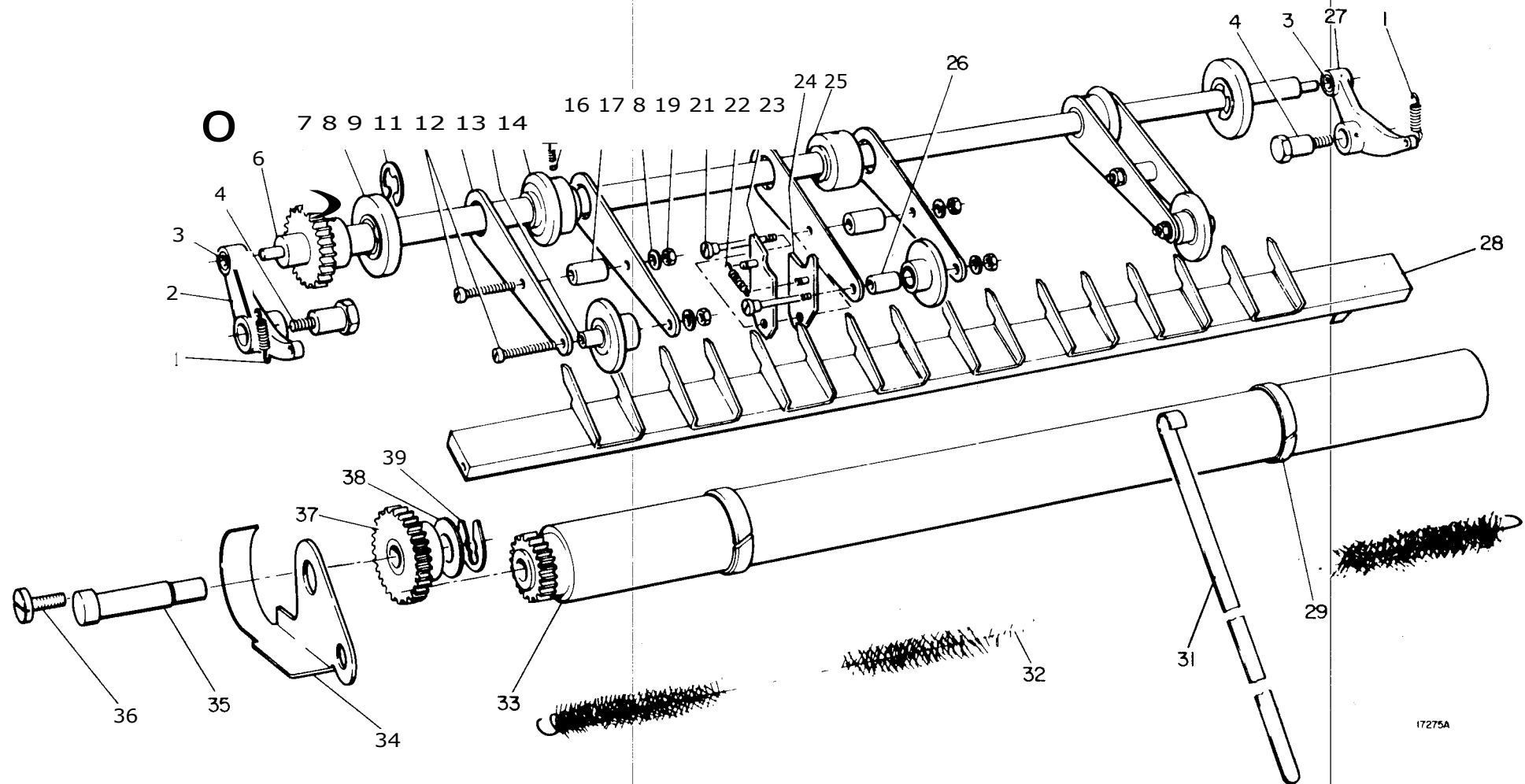
GROUP 37— Safety Covers



GROUP 37 — Safety Covers

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-9-188577	COVER ASSY. REAR	
2	13-..6-188588	BRACKET. L.	2
3	13..*9-•189823	SPACER. COVER	4
4	13..•5..••188589	BRACKET. Rs	2
5	48-437032C	WASHER, 1/4	8
6	350734	NUT, ELASTIC STOP	8
7	64247	TWIN NUT	1
8	13....1...-192981	SWITCH	
9	48-438-2028	WASHER, LOCK 04	2
11	48437-..0148	WASHER. PLAIN 04	2
12	48-406-3988	SCREW	2
14	13-7-.488579	COVER ASSY., FRONT 15...49	1
	139-189799	COVER ASSY., FRONT XE 2CL	1
	13-2-194424	COVER ASSY.. MC 2 CLR	1
15	13-3-188573	COVER ASSY.	
16	13-0-.188576	COVER EXTENSION	1
17	13-8-188578	STRIP. COVER	1
18	91-2152	NUT. LOCK 1032	
19	48 -425 -. -36/13	SMEW. TR• 10-32X5/8	3
21	13-5-189504	PLATE ASSY*, IMP. CYLo	1
22	13-6189503	PLATE	
23	50162	NUT	1
24	13-.0-..188139	GUARD	1
25	48-4252778	SCREW 10-32X1/2	4
26	48-438-2068	WASHER. LOCK	4

GROUP 38 — Upper Ejector Roll Assembly

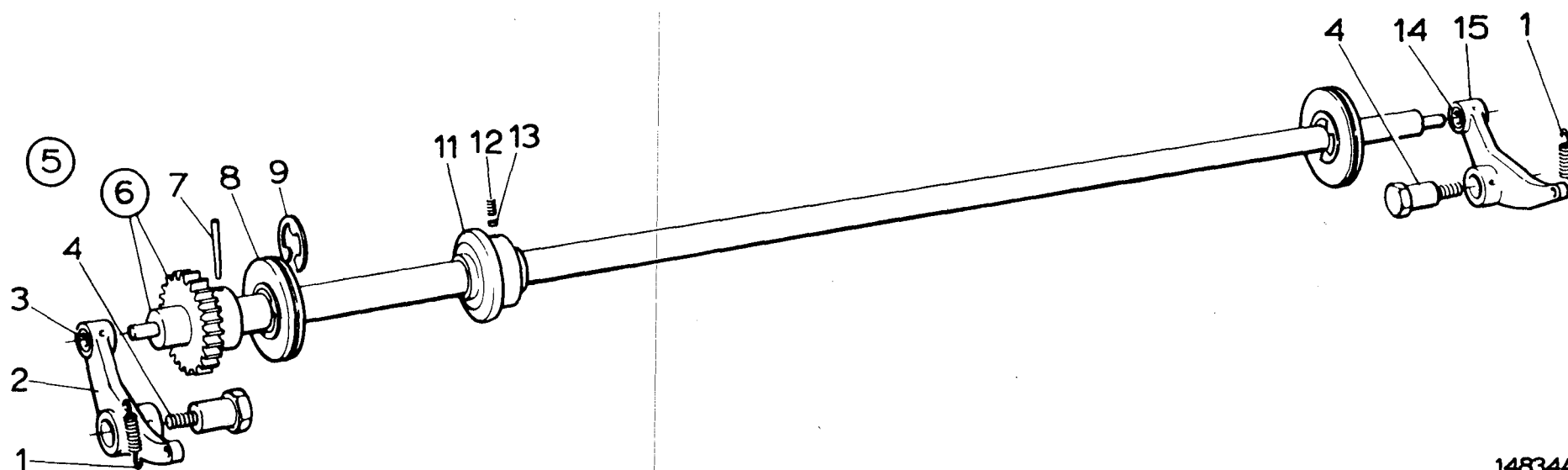


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GROUP 38 — Upper Ejector Roll Assembly

KEY	PART NUMBER	DESCRIPTION	CITY NT
1	69-1165	SPRING	2
2	185...3362...A	ARM ASSY., Re	1
3	296-324	BUSHING	1
4	296-1324	SHOULDER SCREW	2
5	13-3-180208	SHAFT ASSY. 6.-32	1
6	185-335-A	SHAFT	1
7	F2-5043	TAPER PIN	1
8	185-3351	COLLAR	2
9	185-3218	RETAINING RING	4
/1	48.--406527E	SCREW	5
12	185..3352	ARM, SLIDING EJECTOR	6
13	120..-3352-A	ROLL ASSY.	3
14	185..3354	ROLLER	2
15	19-55	SET SCREW	2
16	120-9863	PLUG	2
17	120-33511	COLLAR	
18	48-..438206R	LOCKWASHER	6
19	120-3354	NUT, 10-32	6
21	185-.3356	SCREW 10-32X1/8	2
22	F2-6219	SPRING	1
23	13...0-.175987	LATCH ASSY.. OUTSIDE	
24	13-0-175979	LATCH ASSY.. INSIDE	1
25	185-3355	BUSHING	
26	120-3351	COLLAR	3
27	185-3361-A	ARM ASSY. L.	1
28	185-3366-A	PAPER STRIPPER	1
29	296-1766	RING	2
31	/3-5-181006	PAPER RETAINER	2
32	60354-.-A	TINSEL HOLDER	2
33	185...3363-..1A	ROLL ASSY. LOWER EJECTOR	1
34	13-1-180200	GUARD. EJECT. ROLL GEAR	1
35	121...5016	PIN	
36	/20-3054	SCREW	1
37	185-3365-4	GEAR ASSY.	1
38	17-493	WASHER	
39	170-1320	C WASHER	1

GROUP 39— Ejector Roll Assembly

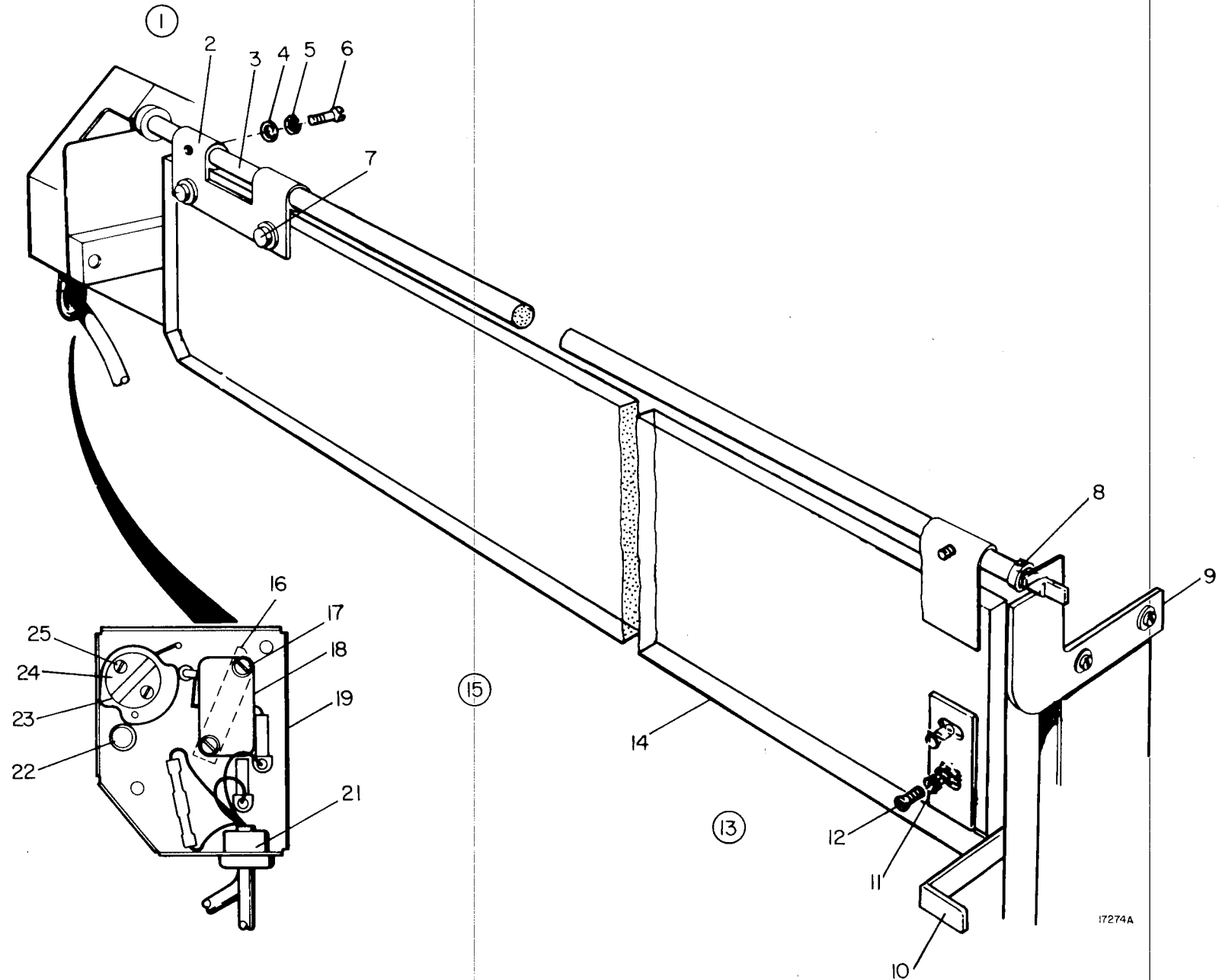


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GROUP 39 — Ejector Roll Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	69-1165	SPRING	2	
2	185-3362—A	ARM A SSY • R •	1	
3	296-324	BUSHING	1	
4	296-1324	SHOULDER SCREW	2	
5	1815-9044—A	SHAFT ASSY • UPPER EJECTOR I NCL. 6-13	1	
6	185-335-4	SHAFT ASSY •	1	
7	F2-5043	TAPER PIN	1	
8	1815-9044	WHEEL	2	
9	185-3218	C WASHER	4	
/ 1	185-3354	ROLLER	2	
12	19-55	SET SCREW	2	
13	120-9863	PLUG	2	
14	296-324	BUSHING		
15	185-3361—A	ARM ASSY. L		

GROUP 40 — Cover & Exit Guard Assembly

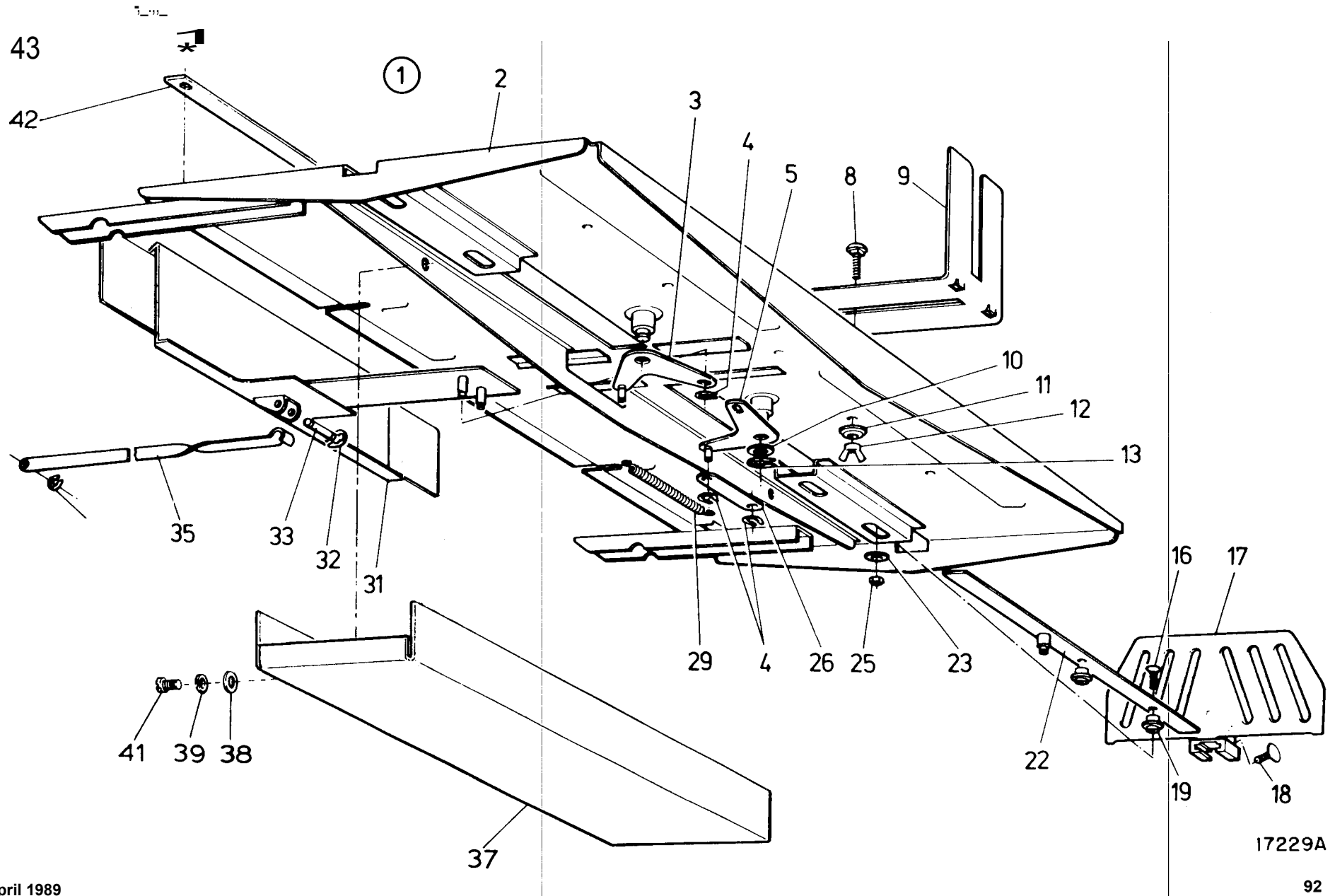


GROUP 40 — Cover & Exit Guard Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13..3...181008	EXIT GATE ASSY. COMP 2.44	1	
2	13.-8..174636	HINGE	3	
3	13..6-180999	SHAFT. EXIT GATE	1	
4	OG...905	WASHER	2	
5	48-438-2024	LOCKWASHER	2	
6	71..4029	SCREW	2	
7	48..425-.274D	SCREW 8..32X1/2	6	
	301133	NUT	6	
8	13-6...181005	COLLAR	2	
	50648	SET SCREW	2	
9	136..160371	SUPPORT	1	
	48-406-3670	SCREW	2	
	48..438-2068	LOCKWASHER	2	
	F2-33242	WASHER	2	
10	13..5.489868	HANDLE ASSY.	1	
11	50117	NUT. CAP	2	
	F2...33242	WASHER	2	
12	48-409..2770	SCREW	2	
13	13-4-181007	EXIT GATE ASSY.	1	
14	137-.180998	GATE	1	
	13-3.-160358	SHIM	1	
	13-2-160359	MAGNETIC STRIP	2	
15	13-.4-198373	EXIT GATE INTLK.	1	
16	64247	TWIN NUT	1	
17	48..406-358C	SCREW, FM. HD. 4.40X5/8	2	
18	13..1...192981	SWITCH	1	
19	13-.4..198373	SWITCH COVER ASSY.		
21	48...011-0005	STRAIN RELIEF	1	
22	13..5-150563	SCREW. ECC.	1	
	69-1240	WASHER	1	
	48-438..206R	WASHER LOCK 010	1	
	48...435...036C	NUT. 10-32	1	
23	13-.6-160363	CAM		
	A91-6083	WASHER. RETAINING		
	13.-5-160356	SPRING, TORSION	1	
24	13-8-160361	ROTATOR, CAM	1	
25	48-409-078C	SCREW, FL. 4...40X3/16	2	
999	13..8e..190111	BRACKET	1	
	13-8-.188719	SPACER	2	
	48-.423-4078	SCREW. 10-32X3/4	2	

GROUP 41 — Jogger Receiving Tray

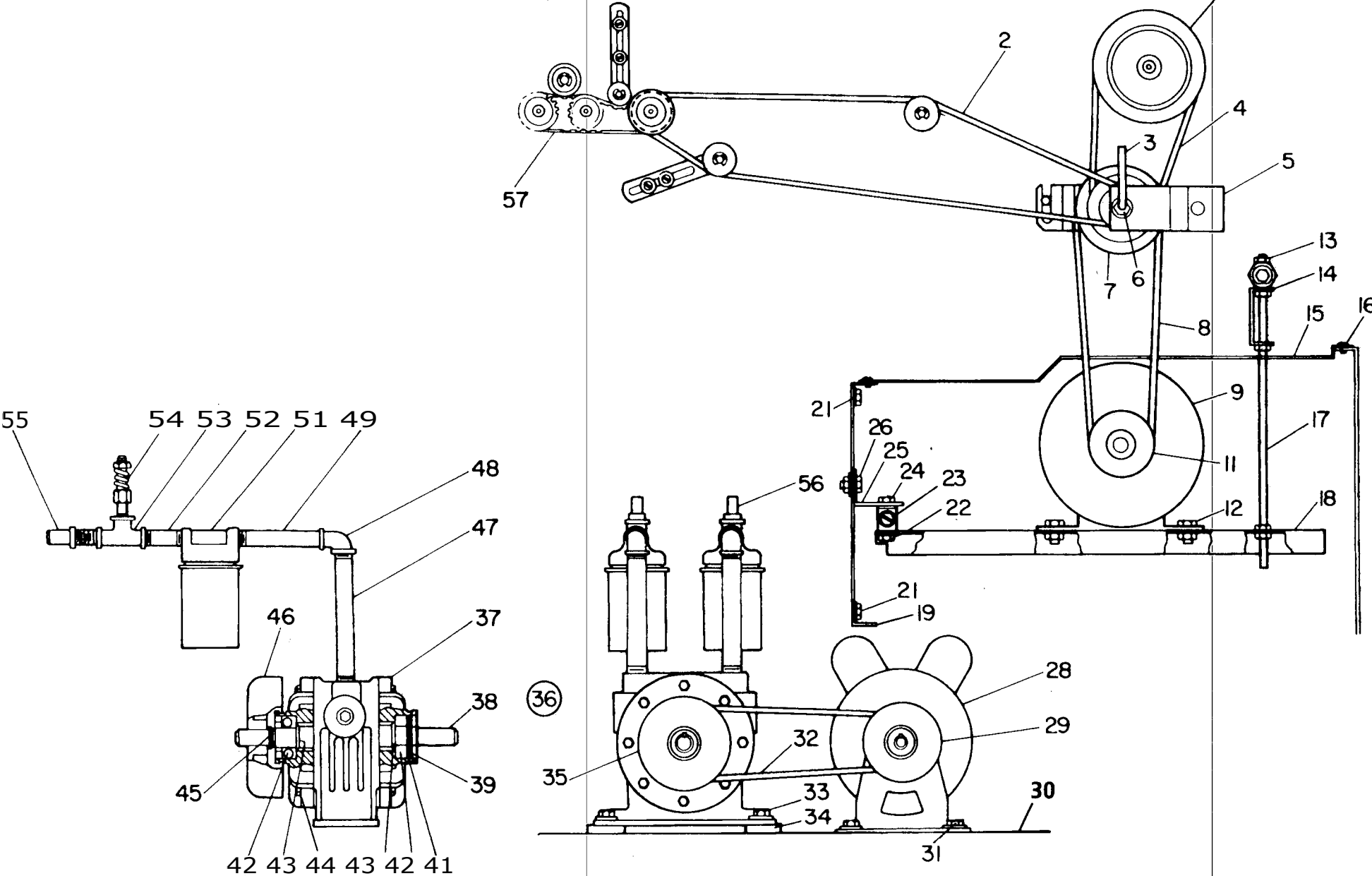
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GROUP 41 — Jogger Receiving Tray

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-2-189432	JOGGER ASSY*	1
2	13....3-189431	TABLE ASSY'	1
3	185-3764-4	BELL CRANK. Rio	1
4	40.-1813	C WASHER	6
5	185-3762-A	BELL CRANK, Le	
8	120338	BOLT. 12....24X314	2
9	13-7.-191979	STOP. PAPER END	2
10	272-3991	WASHER	2
11	60-403	WASHER BOLT	2
12	62-10	NUT. WING 12-24	2
13	170....1320	C WASHER	2
16	F2-7022	SCREW 1032X3/4	4
17	13-1-191983	SIDE JOGGER	2
18	62-13	THUMBSCREW 1/420X1	2
19	185-3755	BUSHING	4
22	185-3753A	BAR ASSY.. CARRIER	2
23	F2-1103	WASHER	4
25	91-2152	NUT	4
26	120-2328	LINK	2
29	HA-5019	SPRING	
31	13-3-191981	PLATE ASSY*, JOGGER	1
32	1701331	C WASHER	3
33	905-9261	PIN	1
35	120-2335	DRIVE LINK	
37	13-8-189394	SHIELD ASSY*, JOGGER	1
38	50012	WASHER	2
39	48-438....20513	LOCKWASHER, 08	2
41	48-4191940	SCREW. SLOT PAN	2
42	130-189863	SCALE ASSY TRAY Re	
	13-9-189864	SCALE ASSY TRAY Ls	1
43	48-4370205	WASHER, PLAIN 06	2
44	48-403112B	SCREW, BIND. 6-32X1/4	2

GROUP 42— Pump Motors & Drive Belts

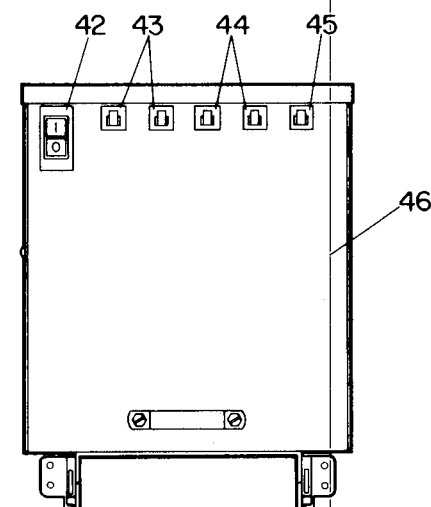
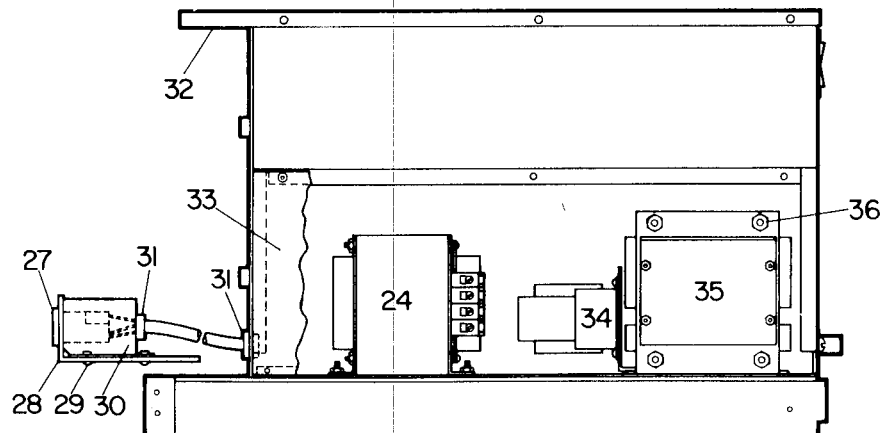
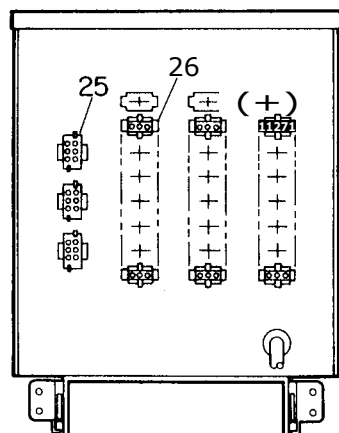
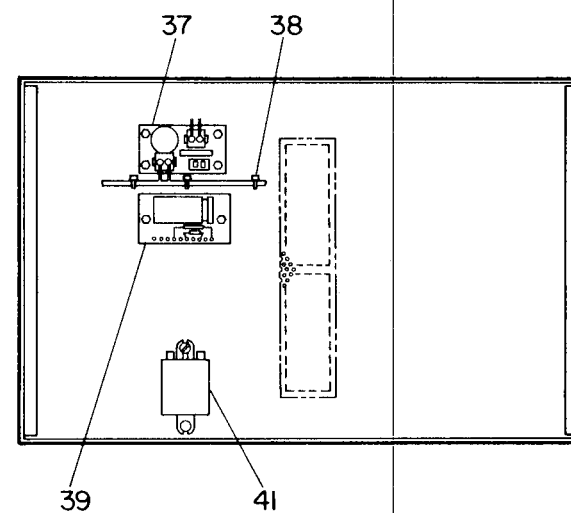
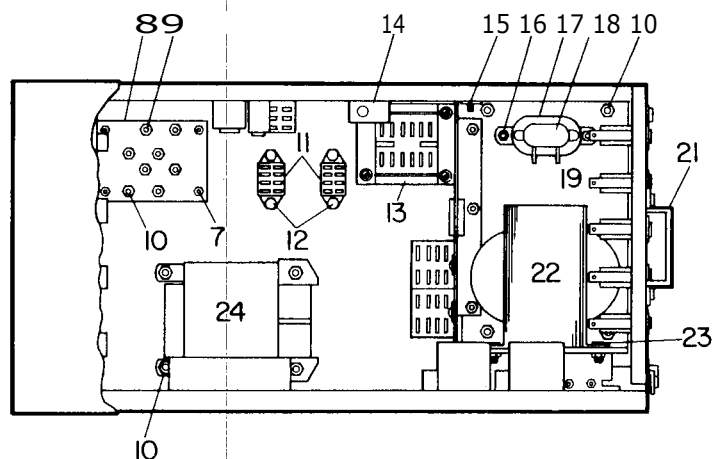
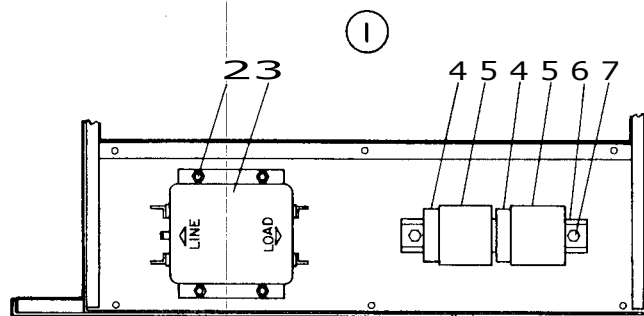


GROUP 42- Pump Motors & Drive Belts

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-9-197883	PULLEY ASSY., DRIVE (2-8)	1	30	13-0-188527	PLATE	1
2	108-30	CONVEYOR BELT DRIVE	1	31	48-411-370D	SCREW	4
3	120-5306	ELBOW OILER	1		48-438-208B	LOCKWASHER	4
4	120-5315	MACHINE DRIVE BELT	1		F2-2064	WASHER	4
5	13-2-144999	BKT., INTER. DRIVE	1		13-0-144512	NUT	4
6	XM-149	NUT, HEX 1/2-20	1	32	120-5312	BELT	1
	27-1061	WASHER, LOCK	1	33	XM-966	SCREW	4
	120-5305	SHAFT, INTERMED. PULLEY.	1		CP&P 1059	WASHER	4
	170-1320	WASHER, C	1		13-7-144465	NUT	4
	KG-7309	WASHER	AR	34	69-8	WASHER, RUBBER	4
7	120-532-A	PULLEY ASSY.	1	35	185-2015	SHEAVE, PUMP	1
8	120-5311	V BELT	1		50603	SCREW	1
9	13-6-197456	MOTOR 180V DC	1		13-8-180484	KEY	1
	BP5013T03	BRUSH, MOTOR	1		A4A-2704	SET SCREW	2
11	13-1-197725	SHEAVE	1	36	13-2-196528	PUMP ASSY.	1
12	119-662	SCREW, 1/4-28X ³ /4	4	37	13-3-196527	PUMP	1
	F2-2064	WASHER	4	38	13-3-191239	ROTOR ASSY.	1
13	48-411-612C	SCREW	1	39	13-9-193130	RING, RETAINING	
	48-435-047C	NUT	3	41	13-3-193128	SPRING, BELLEVILLE	
	48-438-508B	LOCKWASHER	1		13-2-193129	WASHER, SHIM	
14	13-6-197894	HANGER	2	42	13-5-193126	BEARING, BALL	
15	13-0-197890	COVER, PAINTED	1	43	13-4-193127	SHIM, BEARING	
16	48-425-194D	SCREW, TRUSS 8-32X3/8	4	44	206-C-1254	SCREW	
17	13-2-195835	ROD, THREADED	2	45	13-6-193133	RING, RETAINING	
18	13-9-188528	SHELF MOTOR	1	46	13-7-191243	FAN, PUMP REQUIRES 145	
19	13-9-188361	BRACE, FRAME	1		13-0-191240	VANE, COMPOSITION	
21	48-411-283C	SCREW	2	47	13-9-196216	NIPPLE 3"	
	48-438-508B	LOCKWASHER	2	48	13-2-196213	ELBOW	
22	13-2-197898	BRACKET, LOWER	1	49	13-1-196214	NIPPLE	
23	185-700	ANGLE, MOTOR BASE	1	51	13-6-195955	BOTTLE, INTAKE	
24	10178	SCREW	6		13-5-195956	BOTTLE, EXHAUST	
	48-438-508B	LOCKWASHER	6		13-1-193120	FILTER	2
	48-435-047C	NUT 5116-18	6	52	13-8-195953	NIPPLE, SHORT	
25	13-1-197899	BRACKET, UPPER	1	53	13-2-196924	TEE	
26	10178	SCREW	2	54	13-9-202329	VALUE ASSY., VACUUM REL.	
	185-701	WASHER	2	55	120-2023-2	CONNECTOR, SUCTION FOOT	
	48-435-047C	NUT, HEX	2	56	120-7392-A	VALUE ASSY., RELIEF	
28	13-6-197977	MOTOR, PUMP	1	57	48-510-2015	TIMING BELT	1
29	13-1-182206	PULLEY, PUMP MOTOR		58	13-4-196179	PULLEY, DRIVE	1

* Indicates Change

GROUP 43— Power Box Assembly

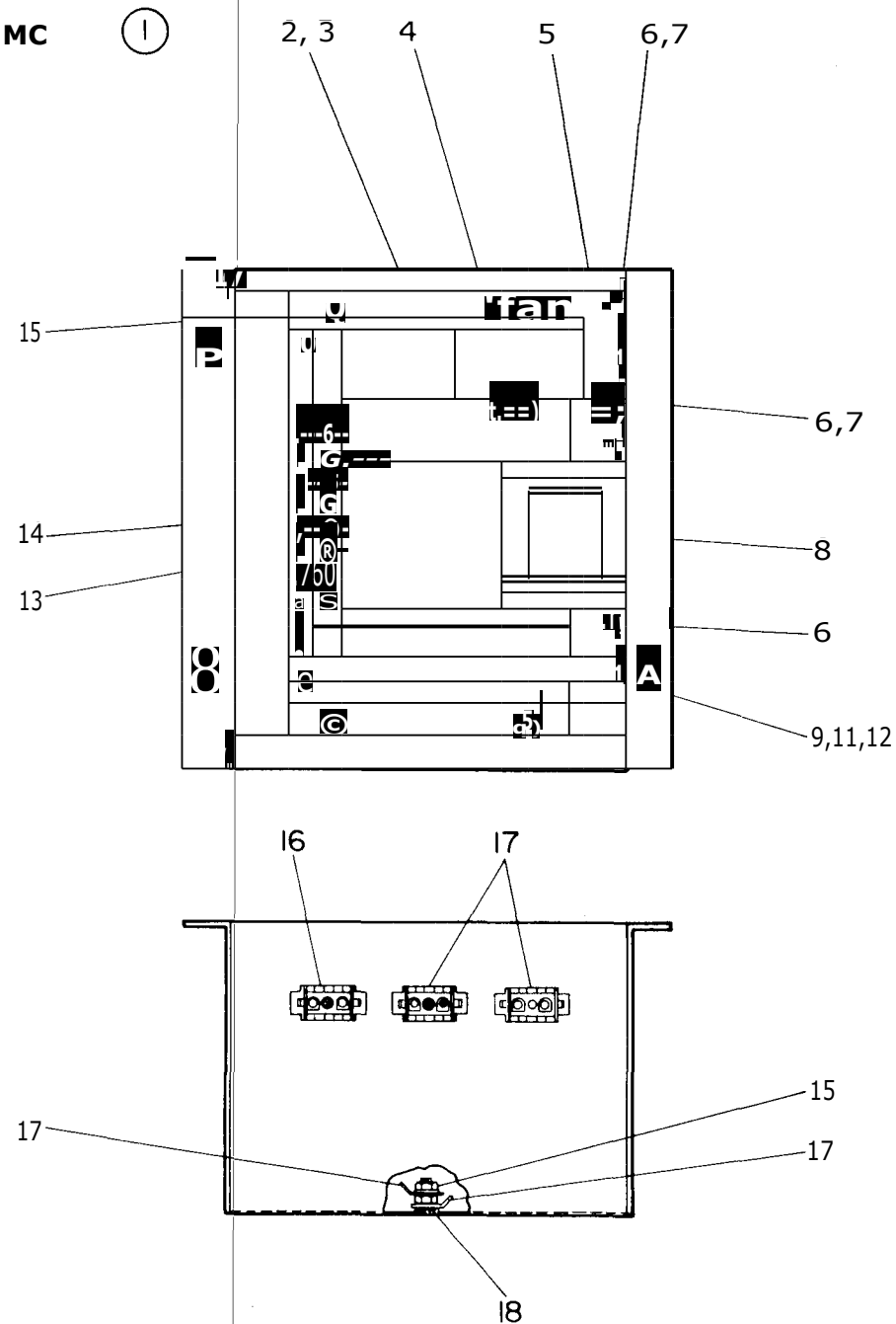


GROUP 43— Power Box Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-..8-197421	POWER BOX ASSY.		
2	50109	NUT, KEPS	4	
3	13-5202778	FILTER, LINE		
4	13-..8197454	SUPPRESSOR 24VAC	2	
5	13-..7-193082	CONTACTOR, 24VAC COIL	2	
6	13-9-..193098	DeI4,14 RAIL 35MM	1	
7	48-..412-..082D	SCREW, HEX 6-32X3/16	2	
8	13-4-204296	PLATE, GRCUND		
9	301133	NUT, KEPS	7	
10	50162	NUT, KEPS	9	
11	13-..2-..193111	RELAY, 24VAC	2	
12	50156	NUT, KEPS 4-40	4	
13	13-..9-493064	TRANSFORMER 24VCT	1	
	13-..5-197440	MOUNT TRANSFe	1	
	13-4-197441	MOUNT W/HANDLE	1	
14	13-2-191222	SWITCH, SERVICE BYPASS		
	13-7-197588	INTLKo SWITCH	1	
	48-419-1120	SCREW, PAN 6-32X114	2	
15	13-1-190522	RECTIFIER, 154		
	48-417-272C	SCREW, PAN 6-32X1/2		
16	13-..7-197448	BKT,,, CAPACITOR	1	
	50109	NUT, KEPS 450-4.32		
17	13-2-..197450	CAPACITOR	1	
18	136-197449	BOOT, CAPACITOR	1	
19	13-8197405	SUBPLATE S/A	1	
		INCL. 13 15 17 18 22 23		
		34 35		
21	13-..2 197435	HANDLE	1	
	48-..402197C	SCREW, SEMS 10-32X3/8	2	
22	139-..197404	TRANSFORMER 115VAC	1	
23	13-8-197439	MOUNT, TRANSF• 4 3/8"	2	
	50/62	NUT, KEPS 10--32	4	
	48-438-5054	WASHER, LOCK	4	
24	13-6-197399	TRANSFORMER 600VA 115VAC	1	
25	13-7-191169	CAP. HSG4, 6 POS.	3	
26	15-6-050536	HSGeti CONN 3CKT•	21	

KEY	PART NUMBER	DESCRIPTION	QTY	NT
27	13-6-193059	SOCKET, LINE CORD	1	
	48-41 9-11 20	SCREW, PAN 6-32X1/4	2	
28	13-9-197461	BK Tiolo CONN', MTG.	1	
29	48-..402112C	SCREW, SEMS 6-32X1/4	3	
30	13-3-197459	COVER ASS., CONN.		
31	48-01/-0013	STRAIN RELIEF	2	
32	13-..9-..197396	COVER, CHASSIS		
	48-402-112C	SCREW, SEWS 6-32XI/4	8	
33	13-2-197393	SIDE COVER ASSY()		
	48-..402-..112C	SCREW, SEMIS 6-..32X1/4	3	
34	13-8-197249	RELAY 24VAC	2	
	48-..417-112C	SCREW. PAN 6-32X1/4		
35	13-..5197457	CONTROLLER, MOTOR	1	
36	301133	NUT, KEPS	4	
	48-438-504A	WASHER, LOCK	4	
37	134-..494315	SAM POWER SUPPLY PC 1 BD	1	
	13-5-..482731	SPACER. NYLCN 6-3/16	4	
	50109	NUT, KEPS 6-32	4	
38	48-..250....0002	WIRE TIE	AR	
39	13-1-197584	PC 2, TIME DELAY	1	
	13-5-182731	SPACER. NYLON 6-3/16	2	
	50109	NUT. KEPS 6-32	2	
41	48-210-0103	RELAY	1	
	48-...412-0820	SCREW, HEX 6-32X ³ / ₁₆	2	
42	13-3-..193060	CIRCUIT BREAKER 16 AMP	1	
43	/3-..7197398	BREAKER, THERMAL 10 AMP	2	
44	13-1-191223	BREAKER, THERMAL 3 AMP	2	
45	13-0-193071	BREAKER, THERMAL 5 AMP		
46	13-2-..497443	CHASSIS, ELEC. ASSY,'	1	
999	13-1-197402	SLIDE (PR)	1	
	13-1-197444	SUPPORT, TOP		
	13-4-..197458	POWER CORD	1	

GROUP 43A — Power Box Assembly MC

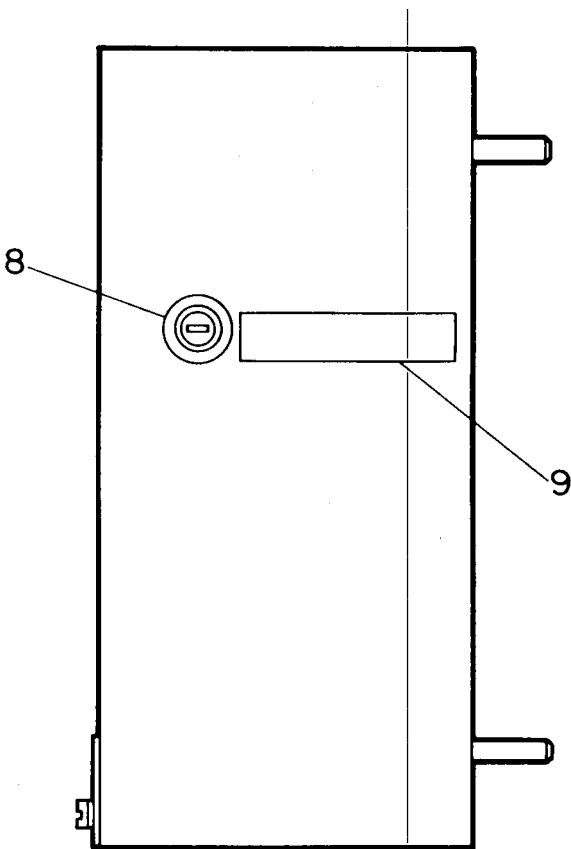
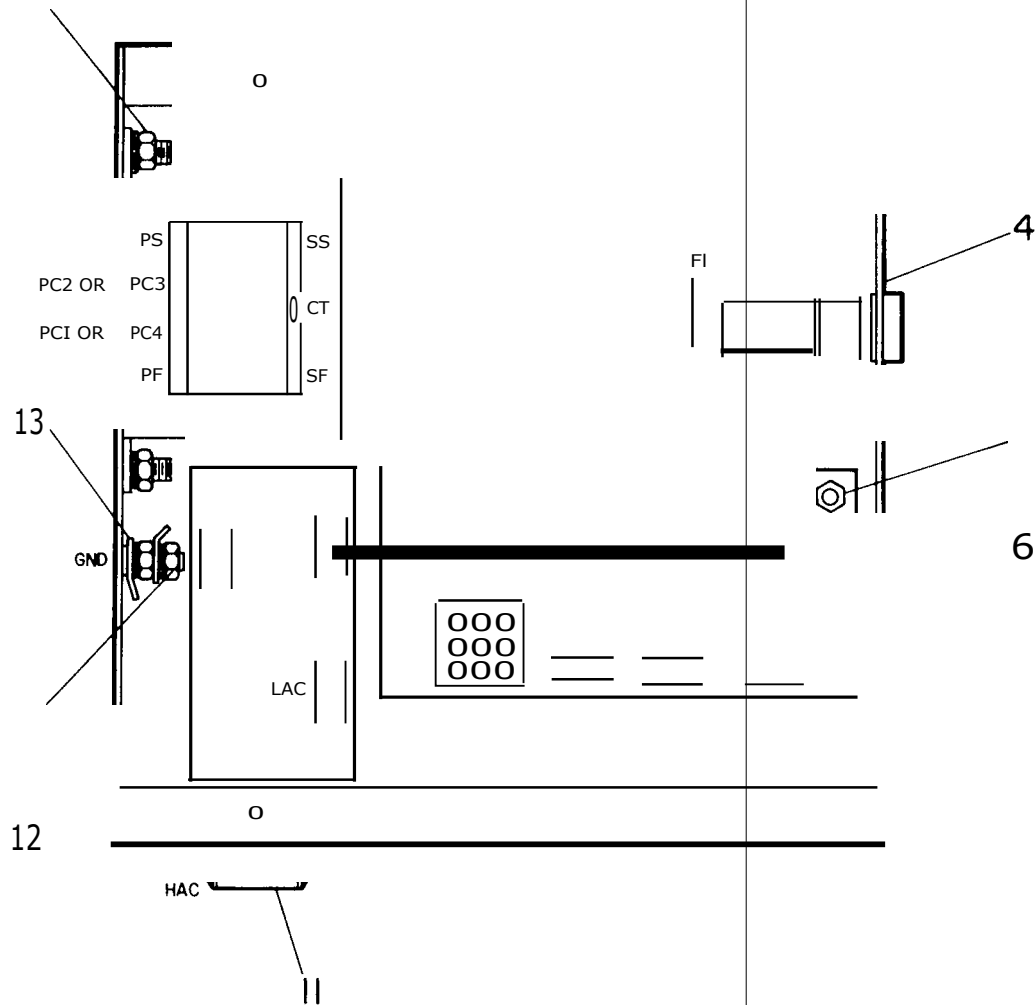


GROUP 43A — Power Box Assembly MC

KEY	PART NUMBER	DESCRIPTION	CITY NT
1	13-.6-196854	MC POWER SUPPLY	1
2	48-411-157D	SCREW, HEX 10-..32X5/16	2
3	48-438-406R	LOCKWASHER INT TH 010	2
4	13-7-192126	CAPACITOR	1
5	13-8-169016	EMT., CAPACITOR	1
6	50109	NUT. KEPS 6-32	5
7	48..411.-272D	SCREW. HEX 6-32X1/2	3
8	13-8-192406	CHOKE	
9	13...9-184071	FUSE CARRIER	
11	13-0-184419	FUSE HOLDER	1
12	48-123-0128	FUSE 10A NORMAL BL.	
13	13-7-.196853	POWER SUPPLY 115V	
14	13...1 192403	SHIELD, POWER SUPPLY	1
15	301133	NUT. KEPS 8-32	6
16	13-5-194355	<u>HARNESS. MC</u> CONTROL	
17	13-7-.192407	HARNESS, POWER & MOTOR	1
18	48-438-505R	WASHER. STAR 08	
999	13-5-194454	LABEL, FUSE 10A 250V	
	13-.8-.194386	LABEL, FUSE 15A 230V	1

MODEL 1960 Duplicator
GROUP 43B — Power Box Assembly - SAM

HP-4360-DU

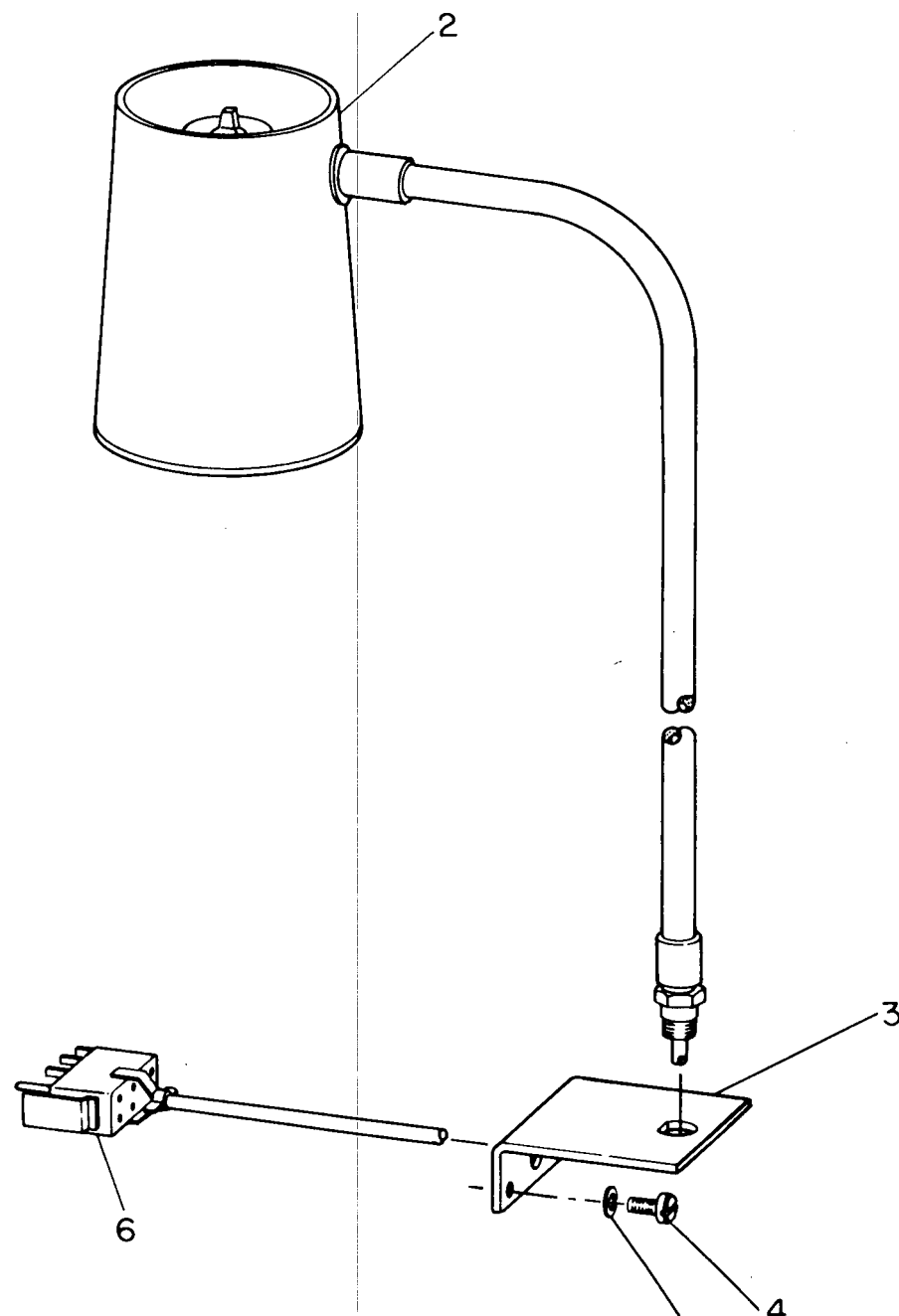


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GROUP 43B — Power Box Assembly - SAM

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-6-194339	SAM POWER SUPPLY	1
2	301133	NUT, KEPS 8-32	4
	13-1-194334	TRANSFORMER	1
4	13-8-194337	CHASSIS	
	306734	SPACER	
	50109	NUT, KEPS	6
6	13-2-193855	LOGIC BD ASSY.	1
7	13-0-194343	HARNESS, D.C. CABLE	1
8	13-9-184071	FUSE CARRIER	
	13-0-184419	FUSE HOLDER	
	48-123-0122	FUSE 3AMP, NORM—BLD	1
9	64382	LABEL, FUSE	
11	13-7-194353	HARNESS, SAM POWER SUPPLY	
12	13-4-194315	PC BD, SAM POWER SUPPLY	1
13	48-438-405R	WASHER, STAR #8	

GROUP 44 — Light Fixture

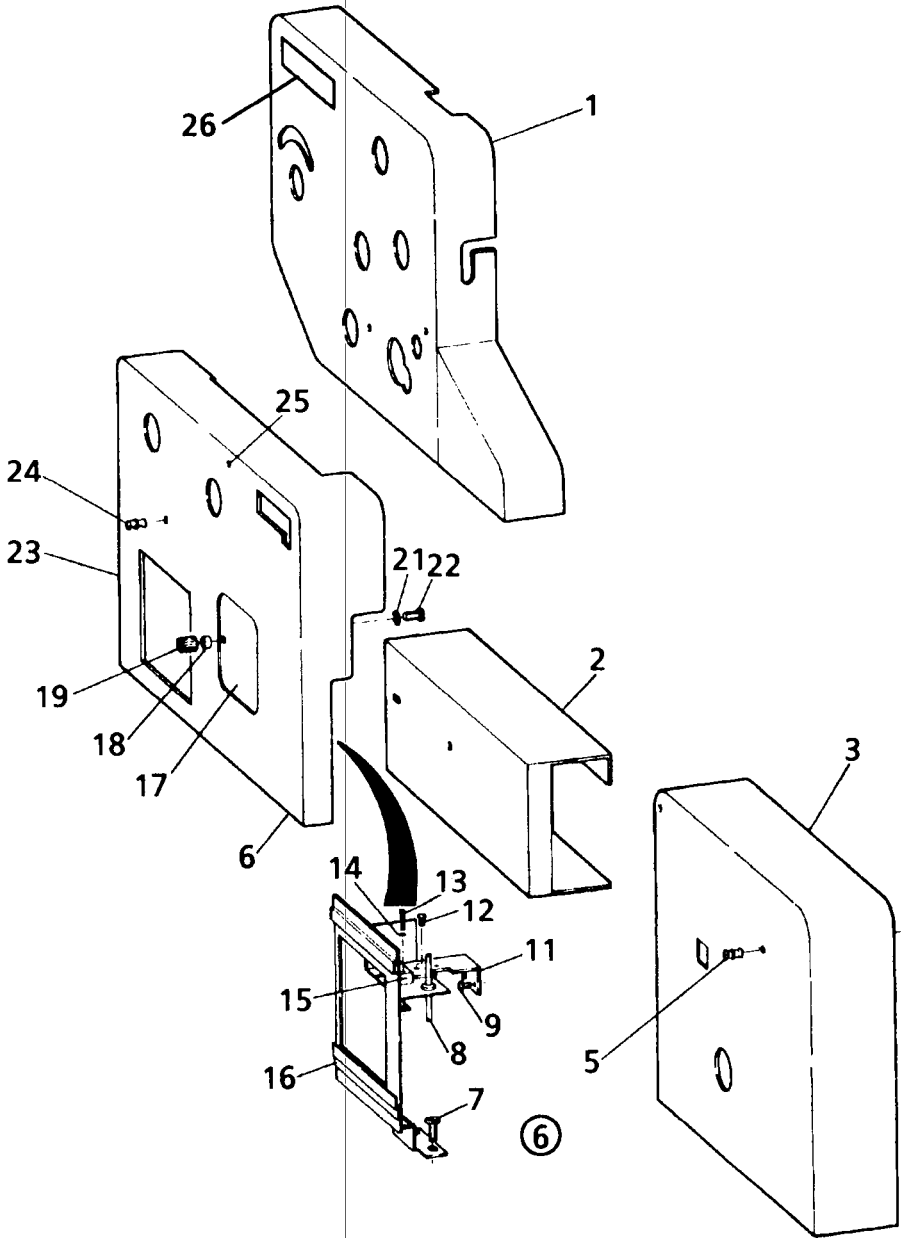


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GROUP 44 — Light Fixture

KEY	PART NUMBER	DESCRIPTION	CITY NT
1	13.-1-197057	LAMP BRACKET ASSY,	1
2	13-7:...188124	LIGHT FIXTURE	1
3	/3-.2-197856	BRACKET	1
4	48-411-2818	SCREW 1/4-.28X1/2	2
5	48-438-2088	LOCKWASHER• 1/4	2
6	13--1-194094	CONN. PLUG 6 PIN	1

GROUP 45 - Ink Covers, Left



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GROUP 45- Ink Covers, Left

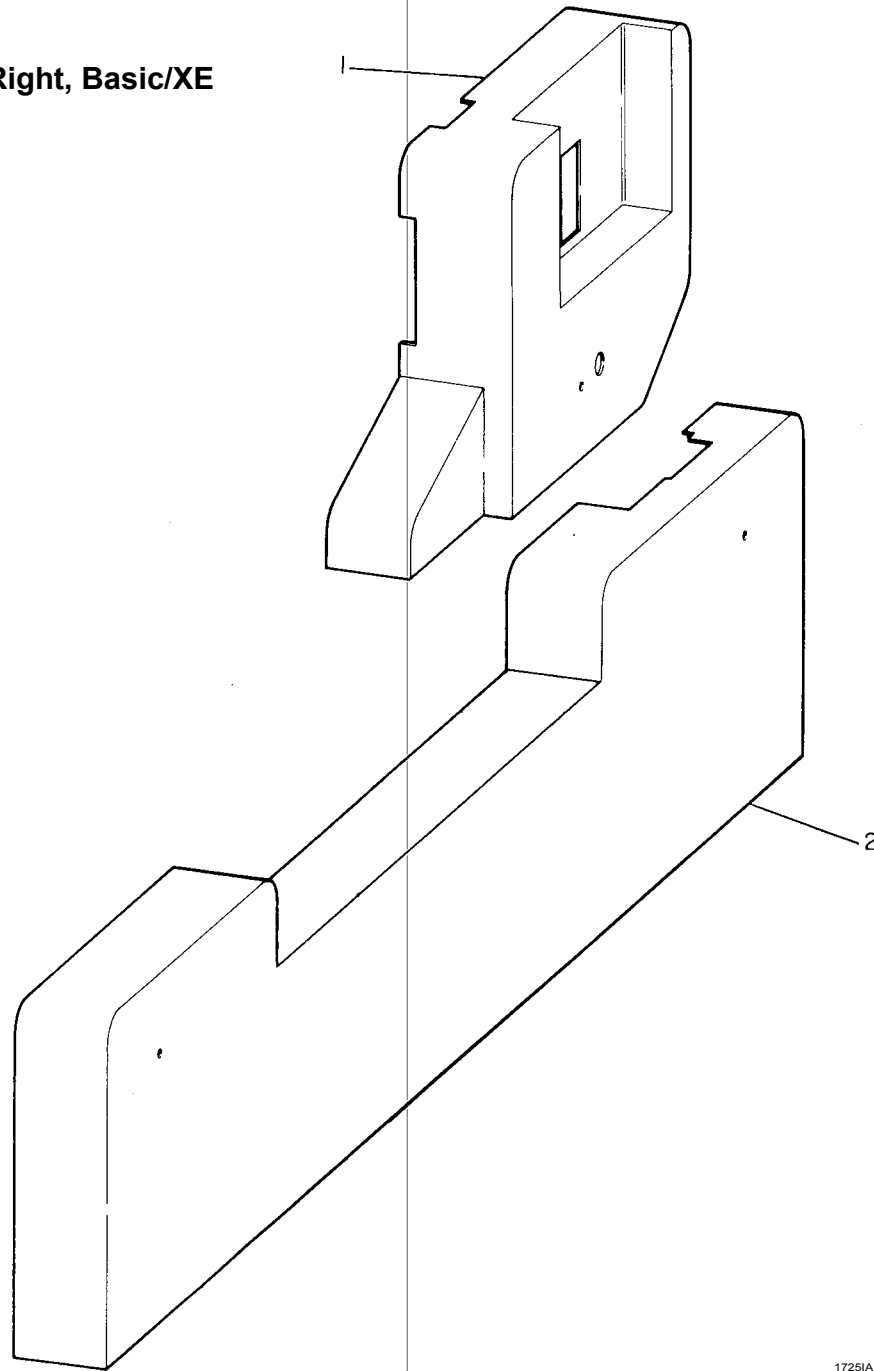
KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-4-197755	COVER ASSY. INK L. MC	1
	13-4-197763	COVER ASSY. XE & TD	1
	13-0-197767	COVER ASSY. GRAPHICS	1
	13-0-197759	COVER ASSY. MC 2 COLOR HD	1
2	13-1-197840	COVER ASSY L. CTR MC/XE	1
	13-5-197838	COVER L. CTR. TD, MC 2CLR XE	1
3	13-7-197836	COVER, L. FRONT (ALL)	1
4	13-1-184970	RETAINER	2
5	13-5-184968	STUD, 1/4 TURN	2
6	13-1-198327	ACCESS DOOR S/A	1
7	120-102	SCREW	2
8	13-1-197428	CABLE ASSY. ADJ DR INTLK	1
	48-011-0005	BUSHING, STRAIN RELIEF	1
9	48-412-277C	SCREW	2
	48-438-206A	WASHER, LOCK	2
	48-437-026D	WASHER, FLAT	2
11	13-3-198085	BRACKET	1
12	48-402-197C	SCREW	1
13	48-417-358C	SCREW PAN	2
14	48-438-202C	WASHER, LOCK	2
15	13-1-192981	SWITCH	1
	64247	NUT, TWIN	1
16	13-0-198328	ACCESS DOOR ASSY.	1
17	13-3-197475	DOOR ASSY.	1
18	3A-4934	COLLAR	1
19	13-0-130347	KNOB	1
21	48-438-204A	WASHER, LOCK 16	1
22	48-406-272D	SCREW, 6-32X1/2	1
23	13-2-198334	COVER ASSY., L. REAR	1
	13-5-198331	COVER ASSY., L. REAR T.D.	1
24	13-7-184966	STUD, 1/4 TURN	1
	13-1-184970	RETAINER	1
25	13-5-184968	STUD, 1/4 TURN	1
	13-1-184970	RETAINER	1
* 26	13-1-197535	NAMEPLATE, 1960 MC	1
	13-2-197534	NAMEPLATE, 1960 XE	1
	13-9-197537	NAMEPLATE, 1962 MC	1
	13-0-197536	NAMEPLATE, 1962 XE	1
999	13-8-199013	TOUCH UP PAINT	1
	13-9-198709	TRIM TAPE 25' ROLL	1

* Indicates Change

MODEL 1960 Duplicator

GROUP 46 — Ink Covers, Right, Basic/XE

HP-4360-DU

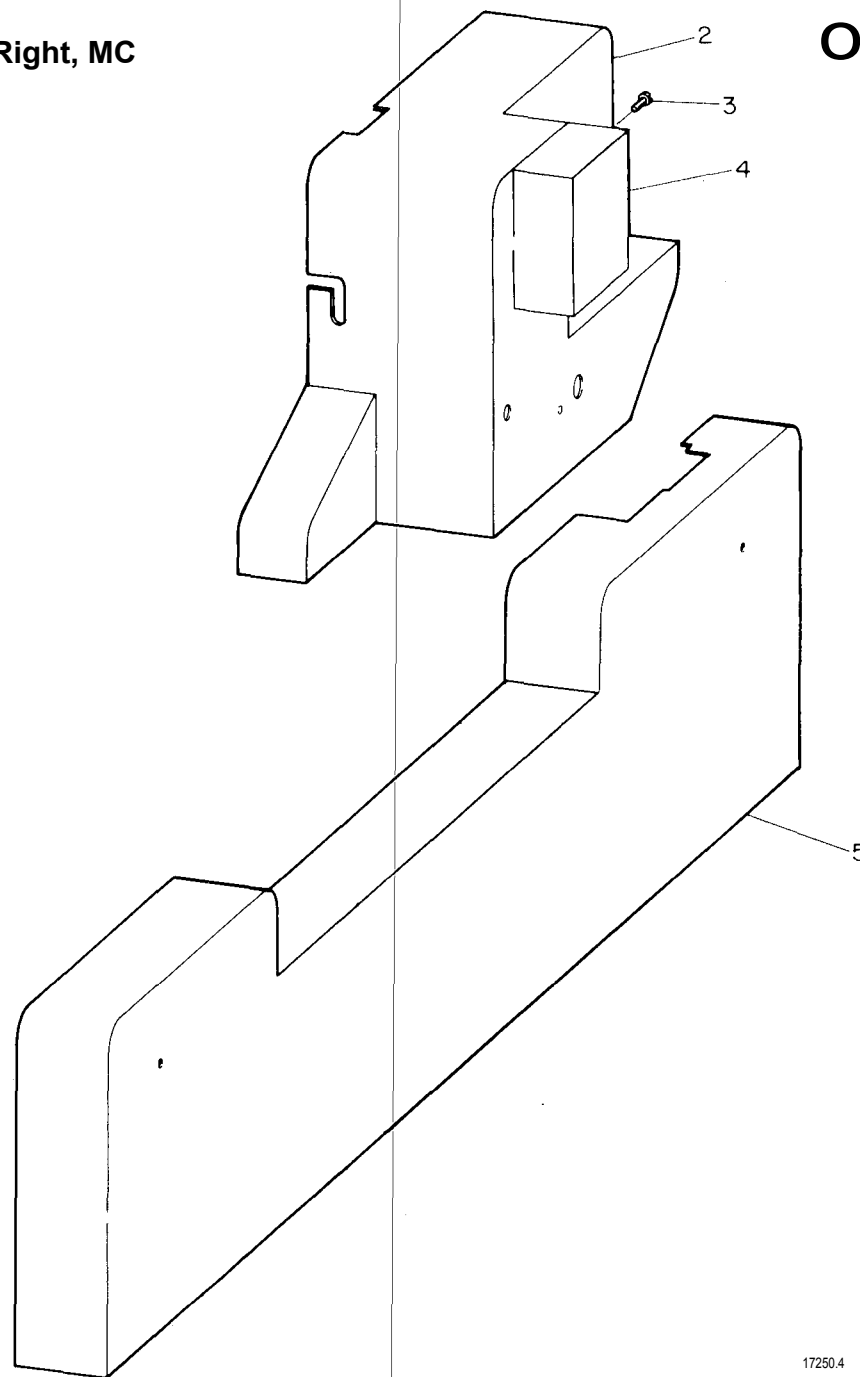


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April 1989

GROUP 46 — Ink Covers, Right, Basic/XE

KEY PART NUMBER	DESCRIPTION	QTY NT
I 13•...1-...1517794	COVER ASSY** INK Re TD/XE	I
I 133-197798	COVER ASSY Re XE 2CLR	
2 13.-9-197834	COVER ASSY* Re (ALL)	• I

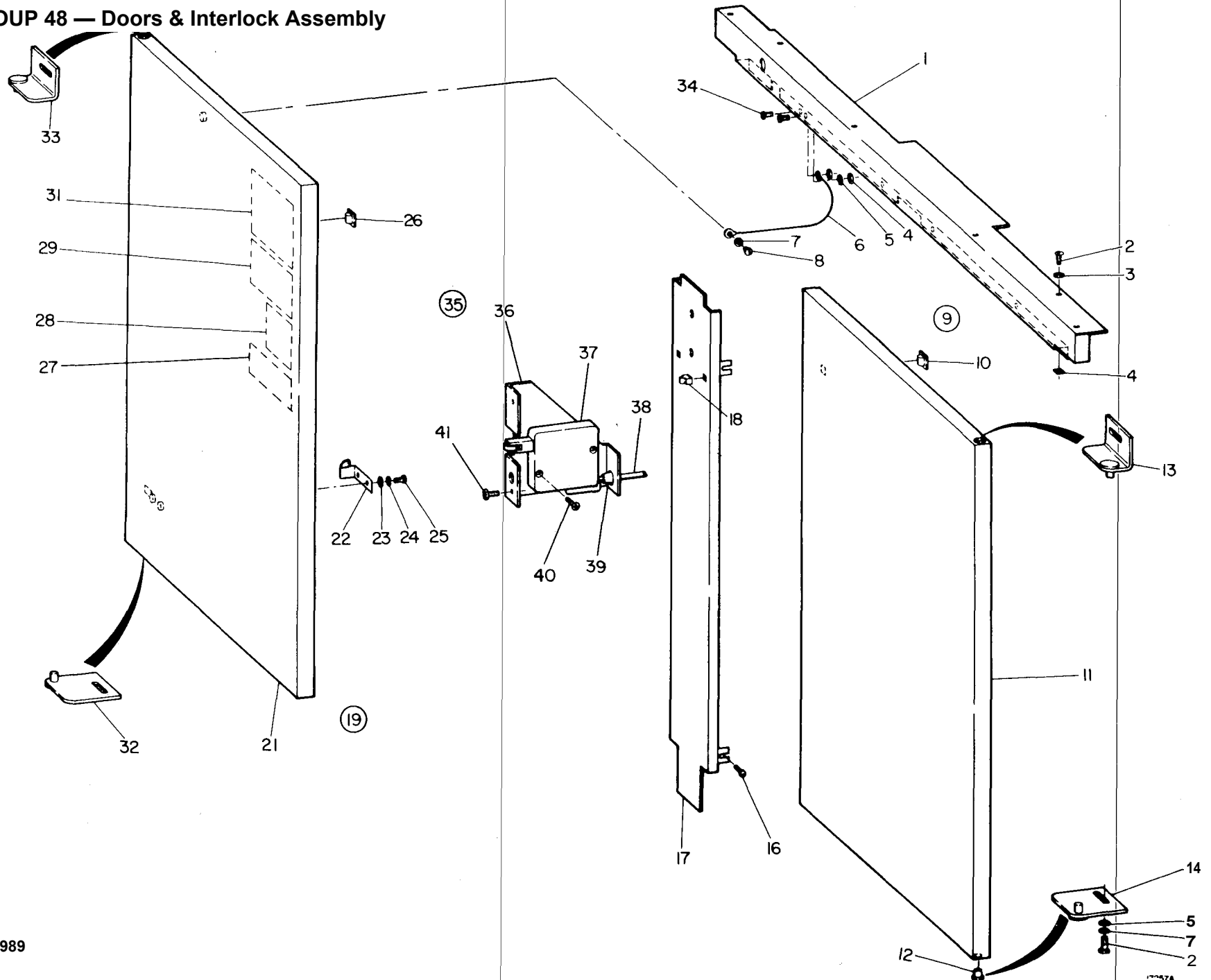


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GROUP 47 — Ink Covers, Right, MC

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-9197784	COVER ASSY*, INK Re 2CLRe	1
	13-1-197790	COVER, INK Re	
2	13-6-197787	COVER	
	13-0-184963	RECEPTACLE	2
	1 3-5-1 84968	STUD • 1/4 TURN	1
	13-1-164970	RETAINER	1
3	48-419-154C	SCREW, PAN 8-...32X ⁵ / ₁₆	1
	KM-261	WASHER, PLAIN	1
4	13-5-197879	CAP, MOTOR	1
5	13-9-197834	COVER ASSY•ip COMP. Re	1

GROUP 48 — Doors & Interlock Assembly

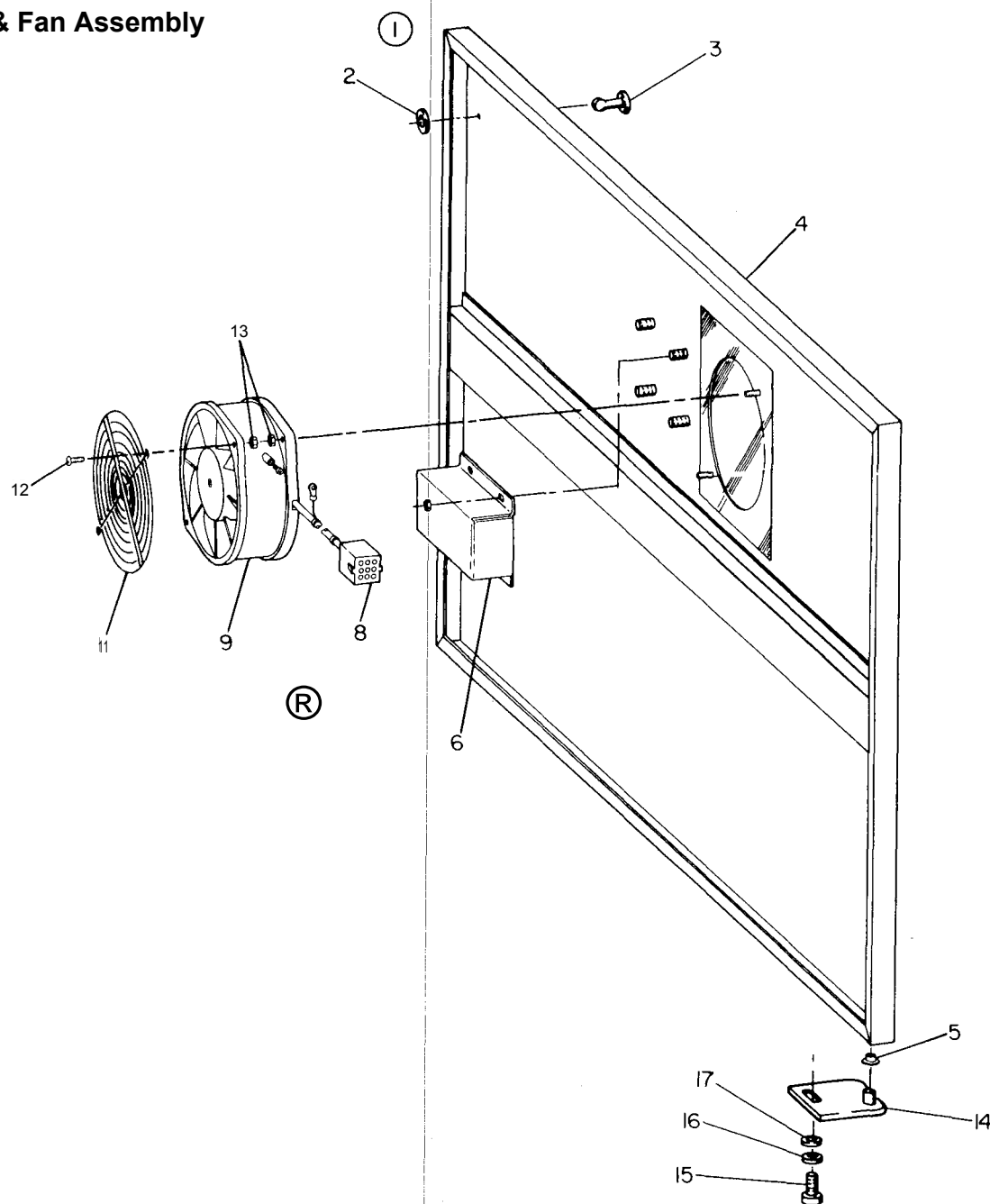


GROUP 48 — Doors & Interlock Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-•5••197820	PANEL HORIZONTAL TRIM Le	1	
	13-..9-197859	PANEL HORIZONTAL TRIM Re	1	
2	48...419-274C	SCREW. 832X1/2	14	
3	48-..-438 505A	LOCKWASHER	4	
4	301133	NUT. KEPS	4	
5	48437-..023C	WASHER. PLAIN 98		
6	11 2-154695	CABLE	1	
7	48438.•2068	WASHER. LOCK 08	8	
8	48•-419...-114C	SCREW. PAN HD 8--32X1/4	1	
9	137-197851	DOOR ASSY. L. FRONT	1	
		INCL. 10 12		
10	308681	LATCH. DOOR	1	
11	132197849	DOOR	1	
12	305065	BEARING	2	
13	13•..2 187352	BKT, UPPER HINGE FRONT	2	
14	130--187354	BKT0 LOWER HINGE FRONT	1	
15	48411...274C	SCREW. HEX 8-32X1/2	a	
16	484251940	SCREW TRUSS 8.•32X3/8	4	
17	13....7 197844	PANEL ASSY. VERTICAL	1	
18	308682	STRIKE	2	
19	13•..8..197850	DOOR ASSY., L. REAR	1	
		INCL. 1931		
21	13...-2-197849	DOOR		
	305065	BEARING	2	

KEY	PART NUMBER	DESCRIPTION	QTY	NT
22	13-9197370	CAM, DOOR INTERLOCK	1	
23	48.-.437022D	WASHER. FLAT		
24	48-4385048	LOCKWASHER 08	2	
25	48425.•274D	SCREW 8-...32X1/2	2	
26	308681	LATCH	1	
27	13-3178392	PLATE. PATENT		
28	13•...5 130201	LABEL. WARNING	1	
29	13-3-183202	LABEL. WARNING	1	
31	13-6174398	LABEL, WARNING	1	
32	139-187355	BKTip LOWER HINGE REAR		
33	13...1.187353	BKTs UPPER REAR HINGE	1	
34	48-419-364C	SCREW 8-.32X5/8	2	
35	13-•.1-49806/	SWITCH & BKTio ASSY.		
36	13-.2-198060	BKT., INTERLOCK SWITCH		
37	13.--2.-197401	SWITCH. INTERLOCK	1	
38	/3-6-.497423	CABLE ASSY.. FRT OR INTLK	1	
39	48-0110007	BUSHING. STRAIN RELIEF	1	
40	13-3-.497368	SCREW. FT HO (M311	2	
41	48-425274B	SCREW	2	

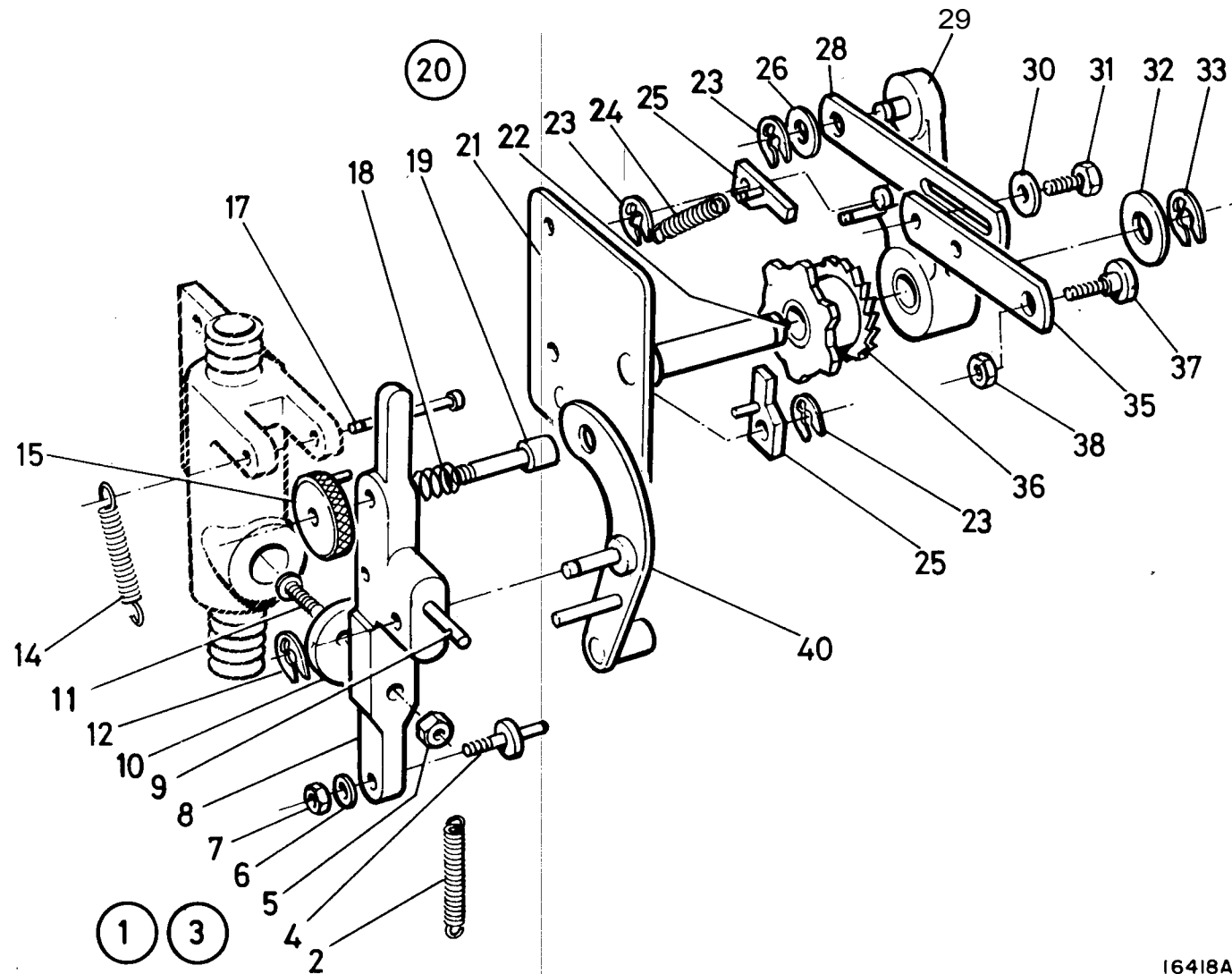
GROUP 49 — Panel & Fan Assembly



GROUP 49 — Panel & Fan Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	134-197854	PANEL & FAN ASSY• (2-13)	/
2	13-1 184970	RETAINER	2
3	13-4-184969	STUD	2
4	13-5-197853	PANEL ASST.,	
5	305065	BEARING	2
6	134-197870	SHIELD, WIRE	1
7	13-4-193085	FAN ASSY. (6-9)	1
8	13-3-..191171	CAP. HSG. 9 PCS	
	15-2-051090	TERM. PIN. EXT., GROUND	1
	13-8-191200	TERM. PIN	6
9	13-5-193084	FAN	
Li	13-1-194060	FAN GUARD	1
12	48-425-274D	SCREW, TRUSS 8-32X1/2	2
13	301133	NUT, KEPS 8-32	8
14	13-0-187354	BKTes LOWER HINGE FRONT	1
	13-9-187355	BKTet LOWER HINGE REAR	1
15	48-411-274C	SCREW. HEX 8-32X1/2	2
16	48-438-2068	MASHER. LOCK	2
17	48 -..437 -•023C	WASHER. PLAIN	2

GROUP 50 — Alternate Sheet Feed, Option

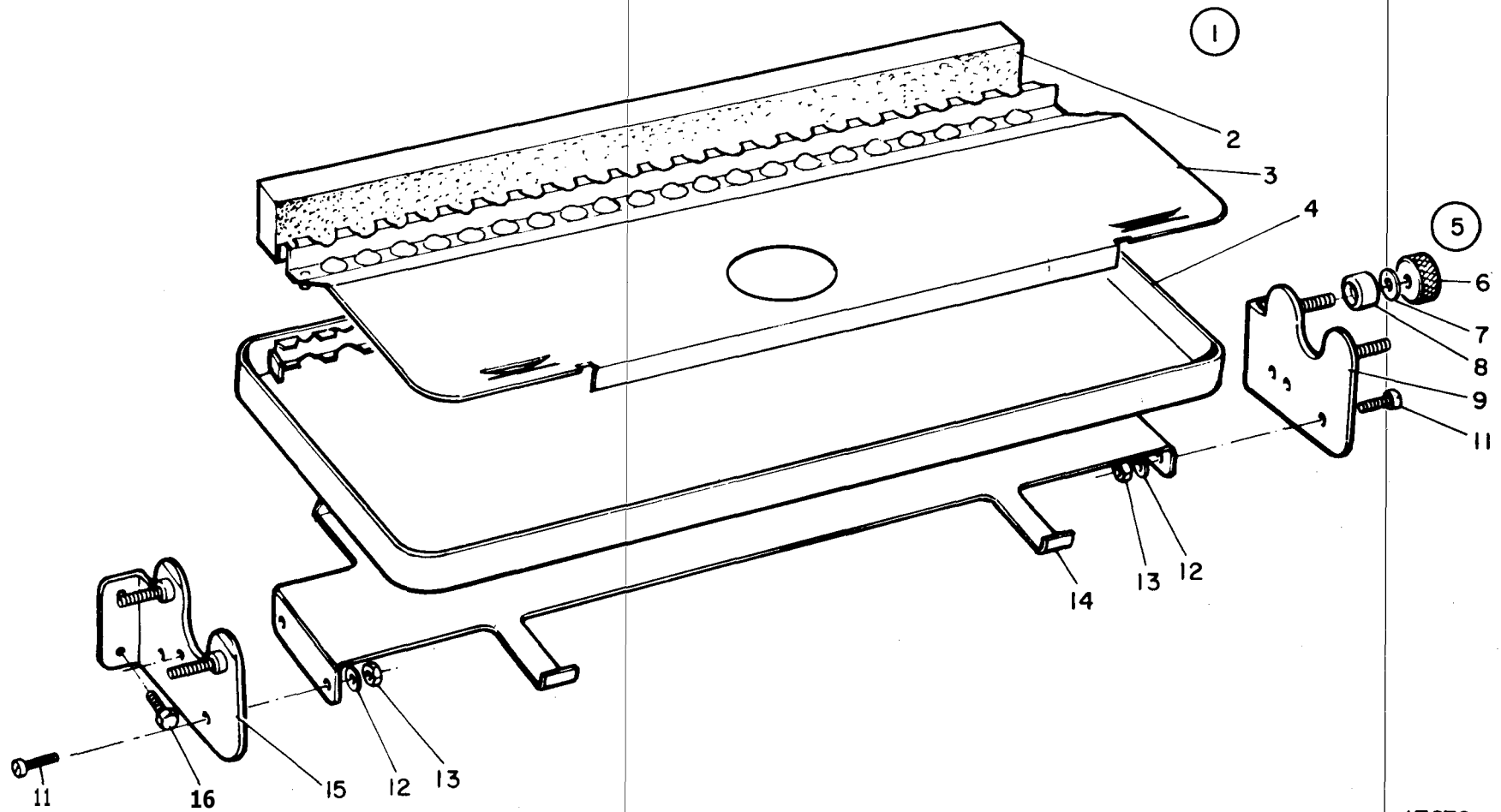


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GROUP 50 — Alternate Sheet Feed, Option

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	120-2400...441 S	ALTERNATE SHEET <i>FEED</i>	1
2	69-509	SPRING	1
3	120-243—A	LEVER ASSY • 4•11	1
4	120-...5572•••1	PIN	1
5	XM-•875	NUT	1
6	48-438-204R	LOCKW ASHER	1
7	4-...553	NUT	1
8	120.••243	LEVER	1
9	1701311	PIN	1
10	120-.-5570	WASHER • LEATHER	1
11	48-422-367C	SCREW	/
12	1720-•1031	WASHER • C	1
14	OG.•-929	SPRING	1
15	120-2430—A	KNOB ASSY •	1
17	120-2440	PIVOT PIN	1
18	F2-6935	SPRING	1
19	120-2432	SCREW	1
20	120--2400-•.A1	PLATE ASSY• COMP. 21.36	1
21	120-•2400-•A	PLATE ASSY•	1
22	EIF 4600	OILER	1
23	170-1331	WASHER • C	3
24	KG-•3288	SPRING	2
25	120-2415—A	PAWL ASSY',	1
26	ARM-758	WASHER	1
28	120-2421	MEMBER	1
29	120.•241-•A	LEVER ASS Y•	1
30	F2--33242	WASHER	2
31	48••••411-...157C	SCREW	2
32	XM.•.68	WASHER	2
33	170-1802	WASHER • C	1
35	120-•2420	MEMBER	1
36	120-2405—A	RATCHET 6 CAM ASSY•	1
37	27-7077	SCREW	1
38	7 20-1 053	NUT & LOCKWA SHER	1
40	120-2435—A	LEVER ASSV•	1

GROUP 51 — Blanket Cleaner Tray - Option

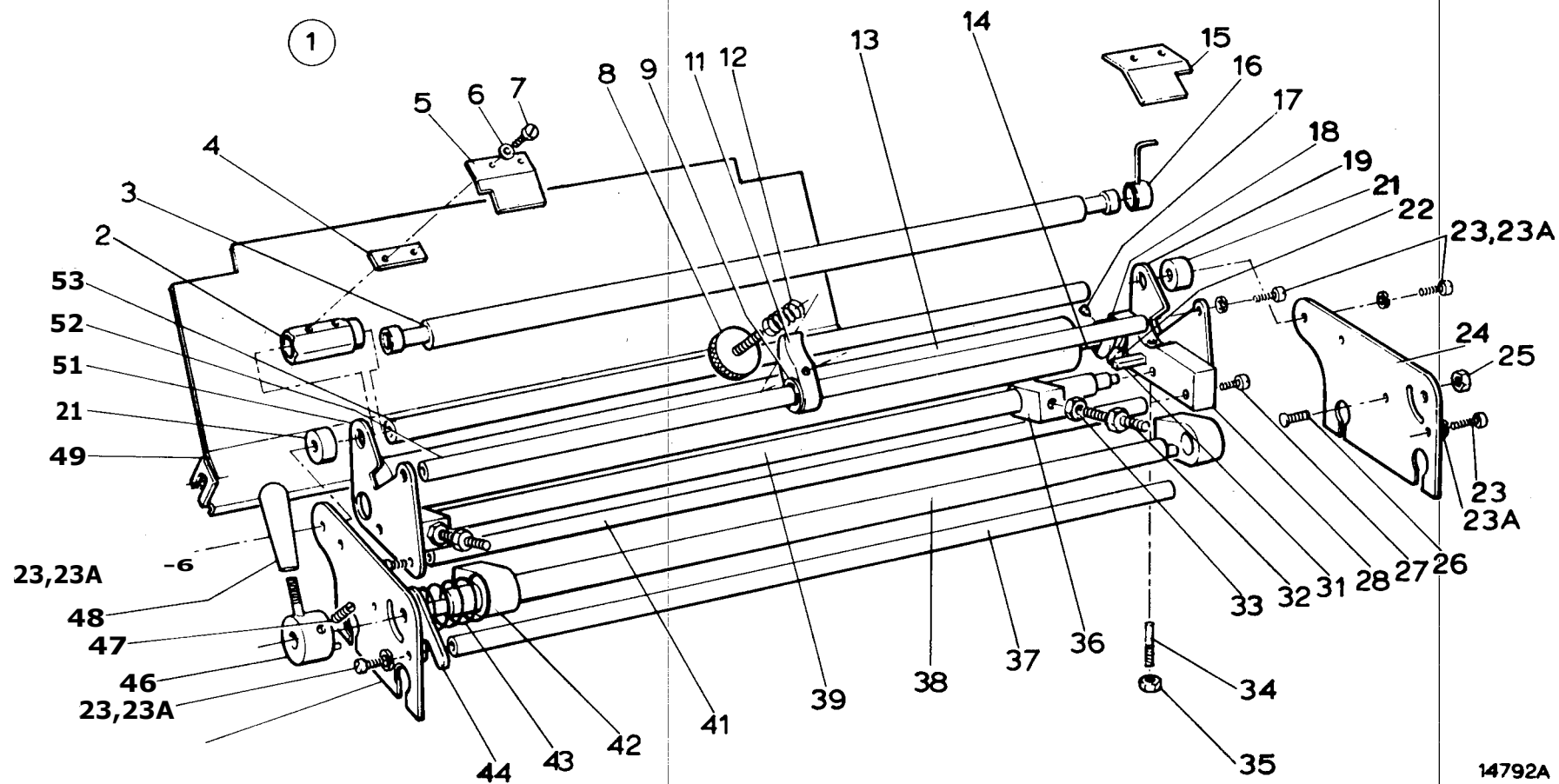


17272A

GROUP 51 — Blanket Cleaner Tray - Option

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-6189883	BLANKET CLEANER ASSY,		
2	185-7362	WICK	1	
3	185...737-4	COVER ASSY,	1	
4	185-..736-A	FOUNTAIN		
5	13-1-180721	SUPPORT ASSY, (6. • .151	1	
6	1207366	THUMB NUT 10 • -32	4	
7	KM-2689	LOCKWASHER	4	
8	120-7365	COLLAR	4	
9	120...735...A	BRACKET, Retie	1	
11	69984	SCREW	4	
12	60. • 158	LOCKWASHER	4	
13	XM. • .875	NUT, HEX 10-32	4	
14	185...735- • A	SUPPORT ASSY*	1	
15	120-..734-4	BRACKET* Lolls		
16	120-.7630	SCREW	4	

GROUP 51A — Blanket Cleaner - Option



14792A

GROUP 51A — Blanket Cleaner - Option

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-3-189886	FRAME ASSY*		
2	185-7316	BLK WIPER ROLL PRESSURE		
3	185-732-4	ROLL ASSY, CLEANER WIPER	1	
4	A91-1089-30	SPACER		
5	1e5-7318-1	PLATE WIPER PRESS. LEFT	1	
6	48-...438-205C	LCCKWASHER		
7	4-303	SCREW	2	
8	185-7317-A	SCREW	2	
9	850...6033	C WASHER	2	
11	120-731	ARM. WIPER RCLL PRESSURE	2	
12	H5-1203	SPRING	2	
13	185-730-A	ROLL ASSY, . BLKT• CLEANER	1	
14	185-730	CCRE	1	
15	185-7318	PLATE, WIPER PRESS. RIGHT	1	
16	185-734-A	HDLSING	2	
17	71-4003	SET SCREW	2	
18	185-7302	CAM		
19	185.-73-1	PLATE	1	
21	185-7315	WASHER	1	
22	491-7043	RCLLER	2	
23	4-729	SCREW	1	
	48-438-206R	LOCKWASHER	1	
24	185...731-1	PLATE, RETAINING RIGHT	1	
25	XM-875	NUT	2	

KEY	PART NUMBER	DESCRIPTION	QTY	NT
26	91-2205	SCREW	2	
27	185...7311	SCREW	4	
28	185...7300-4	BLOCK	2	
31	185-7304-A	SUPPORT ASSY•	2	
32	120--7302	STUD	2	
33	40-1836	HEX NUT	2	
34	185-7307	SCREW		
35	48-435-036C	NUT		
36	120- 730 3	BRG• ADJ. STUD, LOWER	2	
37'	135-732C	TIE ROD, CLEANER ROLL FRT	1	
3e	185-7321	SHAFT, BLANKET CLEANER	1	
39	185-7308	TIE ROD, LCMEER REAR	1	
41	185-7309	TIE ROD. LOWER FRCNT	1	
42	120-7304	BRGet ADJ. STUD UPPER	2	
43	185-7323	SPRING	1	
44	185-7322	PLATE. DETENT	1	
45	185-731	PLATE* RETAINING Le	1	
46	185-733-A	HUB ASSY, '	1	
47	120-5329	SCREW	1	
48	81...7026	HANDLE	1	
49	13-5...189884	COVER, BLANKET CYLINDER	1	
51	185...73	PLATE, CLEANER FRAME LEFT	1	
52	185-7313	TIE ROD, UPPER		
53	185-7315	TIE ROD		

GROUP 52- Cables

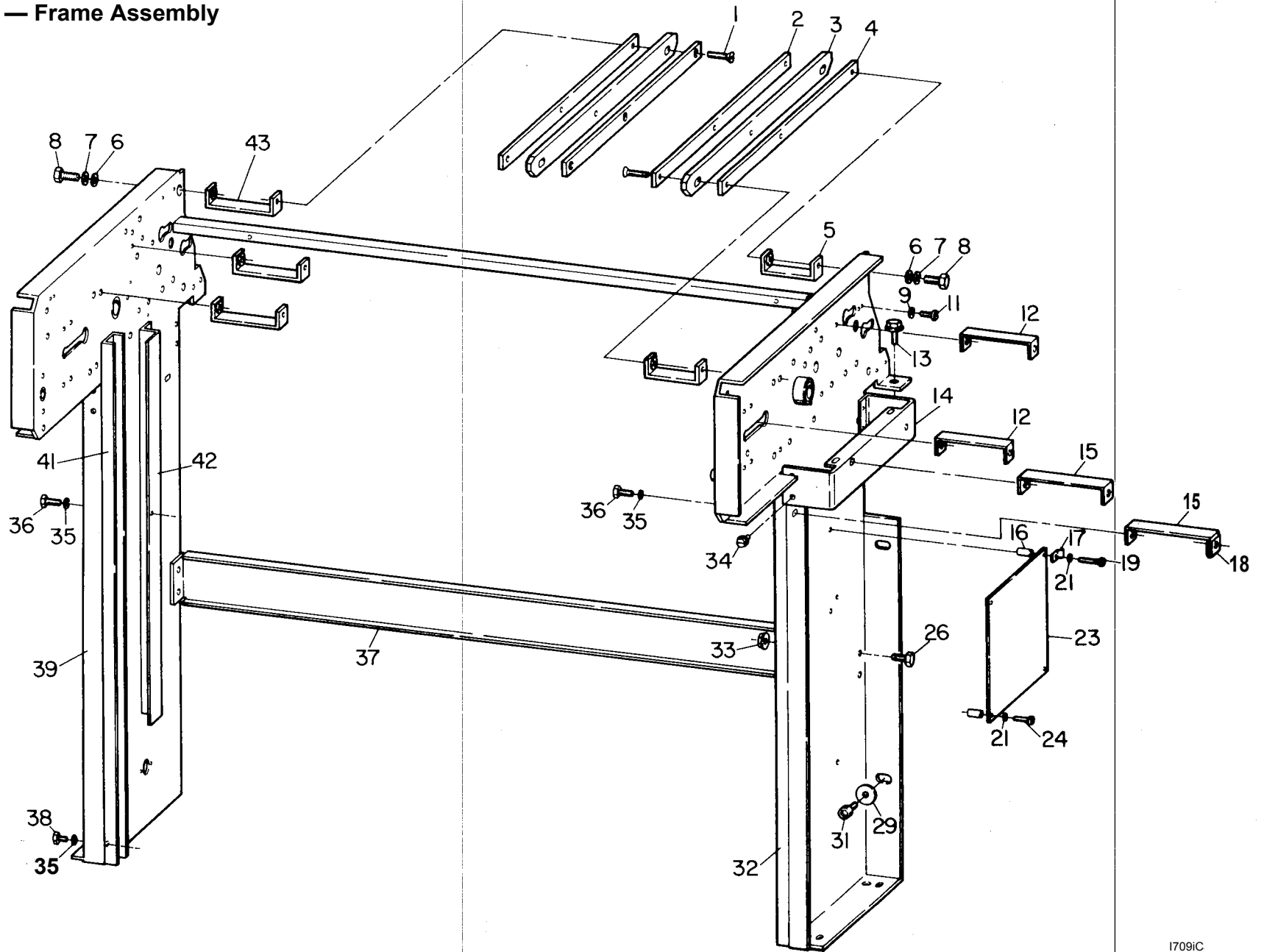
KEY	PART NUMBER	DESCRIPTION	CITY NT
	1 13-1-197428	ADJ. DOOR INTLK. P811	
	2 13-2-194382	CABLE, 2ND HEAD SAM	
	3 13-4-194356	CABLE, POWER	
	5 13-3-197418	DOUBLES DETECTOR P84	
	6 13-5-197416	DRIVE MOTOR P87	
	7 13-3-197426	E-STOP, OP. SIDE PB16	
	8 13-7-197414	E-STOP NON-OP PB17	
	9 13-4-197409	EXHAUST FAN PB5	
	10 13-6-197423	FRONT DOOR P819	
	11 13-8-197413	HANDWHEEL INTLK. PB10	
	12 13-7-197430	HANDWHEEL SOL. P88	
	13 13-3-197434	HARNESS, CD PWR BOX P81	
		LOW VOLTAGE CD P815	
		HIGH VOLTAGE CD P81	
		CD INTERLOCK PB12	
		PUMP CUT-OFF P814	
	14 13-9-197412	INCHING, OP SIDE P823	
	15 13-0-197411	INCHING, NON-OP P824	
	17 13-8-197447	JUMPER PLUG P810	
	18 13-9-197446	JUMPER PLUG P818 & 21	
	19 13-4-197458	LINE CORD	
	20 13-2-197427	MAIN HD. TOP COVER	
	21 13-6-197431	MC CONTROL (POT)	
	22 13-7-197406	MC POWER SUPPLY P82	
	23 13-5-197432	MOTOR CONT.	
	24 13-4-197417	PUMP MOTOR P86	
	25 13-6-197415	PUMP SWITCH P813	
	26 13-6-197407	SAM POWER P89	
	27 13-5-197408	START/STOP P822	
	28 13-2-197419	WORKLIGHT P83	
	29 13-7-197422	2ND HD FRONT COVER P818	
	30 13-4-197433	2ND HD. SAM 9 PIN	
	31 13-4-197425	2ND HD TOP COVER P821	
	32 13-0-197429	10 POSITION, RIBBON 84"	
	33 13-1-197410	CHAIN DELIVERY CABLE ASSY	
	13-5-181220	PLUG, 12 PIN	1
m	34 13-4-194356	POWER CABLE ASSY.	1
x	13-0-191166	PLUG, HSG. 3 POS.	1
m	35 13-2-194382	CABLE ASSY. 2ND HD SAM	1
	13-4-191170	PLUG, HSG. 12 POS.	1
K	36 13-0-197429	CABLE, 10 POS FLAT	1

*

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GROUP 55 — Frame Assembly

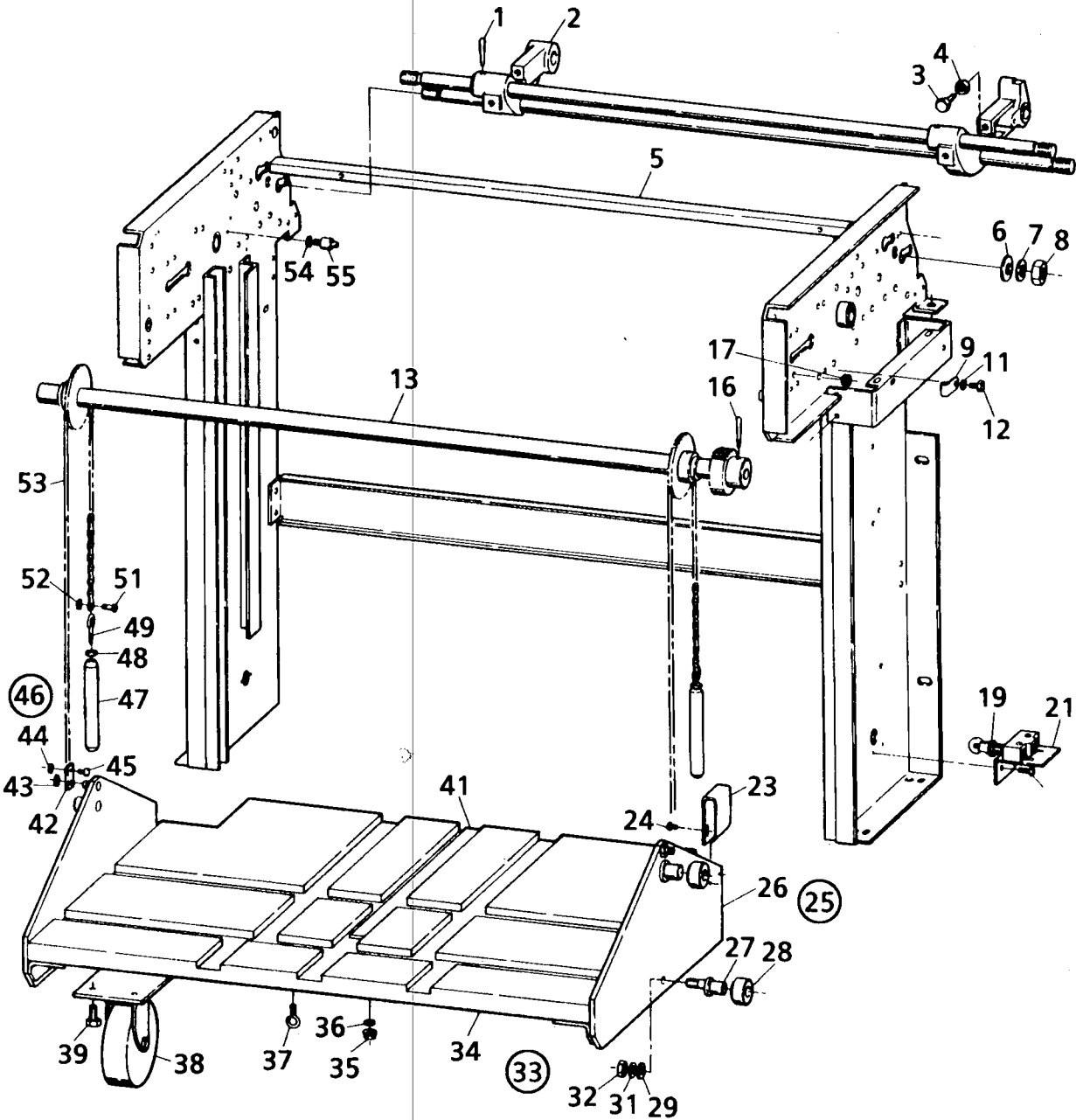


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GROUP 55 — Frame Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	F2-.7022	SCREW. 10-32X,750	10
2	18155004	CLAMP. CHAIN GUIDE INNER	4
3	1815-5003	CLAMP. CHAIN GUIDE OUTER	4
4	18155002	CLAMP, CHAIN GUIDE OUTER	2
5	132•..197674	STANDOFF. Ls	5
6	48437-0328	WASHER. PLAIN 1/4	11
7	48...438-208R	WASHER. LOCK 1/4	11
8	48-4113708	SCREW. HEX 1/420X5/8	11
9	48-438-206R	WASHER. LOCK 010	4
11	48-438367C	SCR FIL 10-32X5/8	4
12	13•..2-190018	SUPPORT, COVER	4
13	48-.411-281C	BOLT	2
	48419....4420	WASHER	2
14	13.••3•..196071	MT,. COVER MTG., Le	
	134...•196070	OKT•1. COVER MTG. R.	1
15	13•-9195713	SUPPORT, COVER	4
16	13...-9186746	SPACER	4
/7	480631125	CLAMP, CABLE	1
18	13-0-184963	RECEPTACLE	8
19	48-.403-..482D	SCREW. BINDING HD 6.-..32X1	1
21	48-438503A	WASHER. LOCK. EXT	4
23	136P.-195864	RECEDE BD ASSY•	1
24	48403-•4020	SCREW 6-32X3/4	3
26	48-.411-.-412C	SCREW 5/16-18X3/4 HEX	4
29	CPC.P...1059	WASHER	4
	48438-209A	WASHER. LOCK	4
31	484114120	BOLT	4
32	13•..8.•195706	PLATE ASSY*. SIDE Le	
33	638-15	NUT. KEPS 5/16-.48	4
34	50162	NUT. KEPS /0-32	a
	48-.412-277C	SCREW. HEX 1032X1/2	a
35	48-.438.....505R	WASHER, LOCK	20
36	48-.412-.-277C	SCREW. HEX 1032X1/2	20
37	13-.-0-197601	BRACKET, FRAME TIE	
38	48411-157C	SCREW, HEX 10-32X5/16	6
39	13...9-•195705	PLATE ASSY. SIDE Re	1
4/	13...•8-•195680	CHANNEL. PAPER TABLE	2
42	13...4--196617	GUARD, CHAIN	2
43	13...3 197673	STANDOFF, GUIDE SUPPORT R	6

GROUP 56- Table Assembly

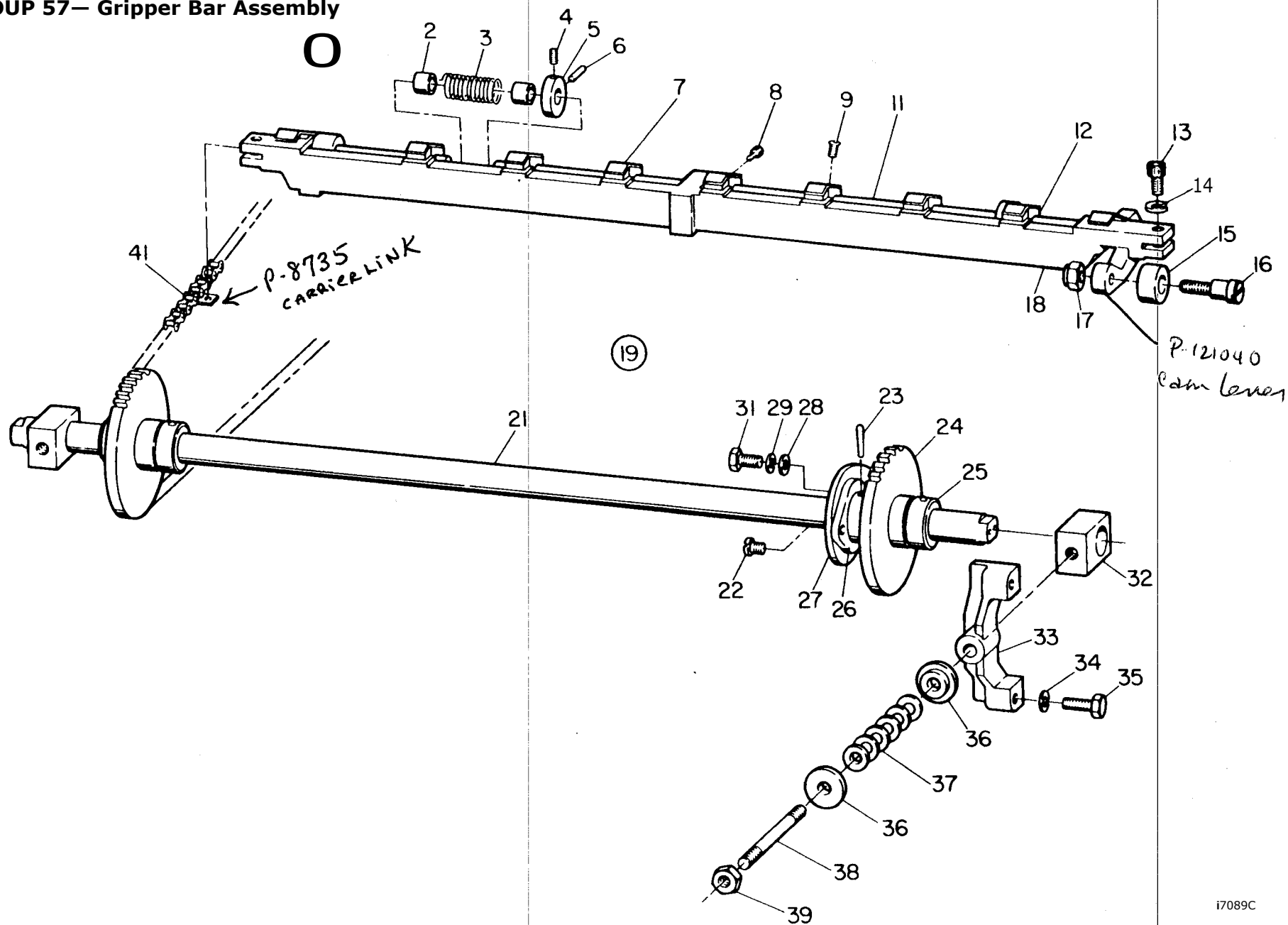


GROUP 56- Table Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-4-197672	BKT. ASSY DRIVE SHAFT BRG	1	29	3AL-1540	WASHER. FLAT	2
2	0G-720	PIN, TAPER 112	4	31	48-438-50811	WASHER, EXT. LOCK 5/16	2
3	119-662	SCREW, HEX 1/4-28X3/4	2	32	48-435-047C	NUT, HEX 5/16	2
4	40-1836	NUT, HEX 1/4-28	2	33	13-7-188678	TABLE ASSY., STACKER	1
5	1815-1017	TIE BAR	1			INCL. 34-41	
6	48-437-0408	WASHER, PLAIN 1/2	4	34	13-8-188677	TABLE	1
7	48-438-2128	WASHER, LOCK 1/2	4	35	50109	NUT, KEPS 6-32	2
8	48-436-0628	NUT, 1/4-20	4	36	48-437-020D	WASHER, PLAIN 116	2
9	48-063-1103	CABLE CLAMP	1	37	112-249	SCREW	1
11	E25-210	WASHER CLAMP	1	38	112-247	CASTER, SWIVEL	2
12	48-412-192D	SCREW, 6-32X3/8	1		112-246	CASTER, RIGID	2
13	13-5-197630	SHAFT ASSY., SPROCKET	1	39	48-450-281C	SCREW, HEX HD 1/4-1/2	16
	13-7-206983	SHAFT ASSY., SPROCKET	1	41	13-1-187296	SCALE ASSY.	1
		USE W/NEW WORM & BRAKE		42	13-1-197618	LINK, CHAIN CONN.	2
		SEE GROUP 58, ITEM 51		43	170-1331	C WASHER	2
16	10814	PIN	3	44	678-1437	RING, RETAINING	2
17	13-2-182361	BUSHING, INSULATING	1	45	120-5126	PIN, CHAIN CONN	2
19	13-3-187260	SWITCH, INTERLOCK	1	46	13-8-163340	CHAIN ASSY., ELEVATING	2
21	13-6-197860	SWITCH, BRACKET	1			INCL 47-53	
22	48-412-197C	SCREW, HEX 10-32X3/8	2	47	13-1-163339	WEIGHT, STACKER	2
	48-438-505R	WASHER, LOCK 110	2	48	48-435-035C	NUT, HEX 10-24	2
23	13-9-197891	ACTUATOR, SWITCH	1	49	108-448	SCREW, 10-24X1/2	2
24	48-412-112C	SCREW, HEX 6-32X5/16	2	51	120-5176	PIN	2
25	13-1-197642	ELEVATOR ASSY. 26, 27	1	52	678-1437	WASHER	2
		29-32		53	120-5175-1	CHAIN	2
26	13-0-197841	FRAME ASSY, STACKER TABLE	1	54	48-437-0268	WASHER, 110 7/16 OD	2
27	13-7-197638	STUD, ECCENTRIC	2	55	120-5422-1	SCREW, CHAIN GUIDE	2
28	112-235	ROLLER	4	999	1815-3021	TOW BAR	1

* Indicates Change

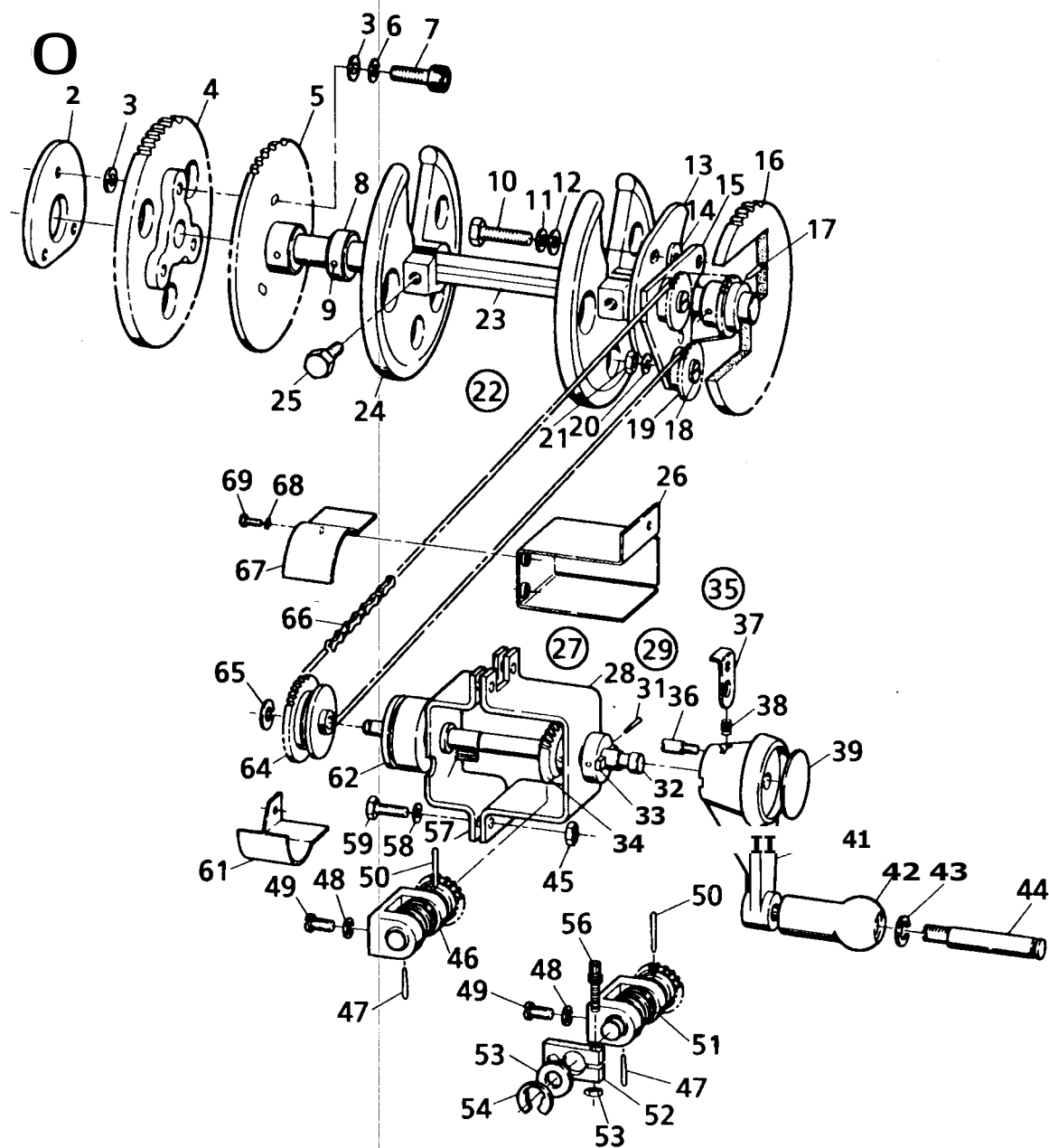
GROUP 57— Gripper Bar Assembly



GROUP 57 — Gripper Bar Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-.1...197626	BAR ASSY., PAPER GRIPPER	3
		INCL. 1.12. 15..18	
2	1815-5036	BUSHING	4
3	1815..50341	SPRING	2
4	ARM-9521	SET SCREW	2
5	18/5...5033	COLLAR, SPRING LOCKING	2
6	27-1852	PIN. ⁹ / ₆₄	2
7	13•9=192421	GRIPPER	9
8	48433.-2778	SCREW. 1032X1/2	9
9	48-.403...1128	SCREW. 6r•32X1/4	9
11	1815-5029..A	SHAFT ASSY., GRIPPER OPER	1
12	1815-5031	HOLDER, PAPER GRIPPER	9
13	48-433....3678	SCREW. SOC 10-32X5/8	6
14	48.•438...206R	WASHER. LOCK 010	6
15	42...7271	ROLLER	1
16	1815*5035	SCREW	1
17	190...3091	NUT, HEX	1
18	13-2...197625	BAR. PAPER GRIPPER	1
110	13.-7-197612	ROD ASSY.; BEARING REAR	I
		INCL. 21..•23. 25-31	
21	13-1...188690	ROD. BEARING REAR	1
22	13-3-197707	SCREW	1
23	0G-.720	P/N. TAPER 02	4
24	138-..197611	SPROCKET ASSY., REAR	2
25	1815...102B	COLLAR	
26	13-5.-197606	PLATE ASSY.. CAM MTG.	I
27	13...4...197607	CAM. PAPER DELIVERY	1
28	48...437...0318	WASHER, FLAT	1
29	48...438...2088	WASHER. SPLIT LOCK	I
31	48..•411...2808	SCREW. HEX HD 1/4X20	1
32	13...8188438	BLOCK. CHAIN ADJ.	2
33	1815...5006	BRACKET. CHAIN ADJ.	2
34	48438-208R	WASHER. LOCK	2
35	48-411-4100	SCREW, 1/4-20X3/4	2
36	13..-7-188439	WASHER. SHOULDER	4
37	13-5*197705	SPRING. BELLEVILLE WASHER	/2
38	13-4-197706	5CHW, Pkt55UHE ADJ.	
39	185...703	NUT	2
41	13-4-197649	CHAIN	2

GROUP 58- Drive Shaft & Clutch Assembly

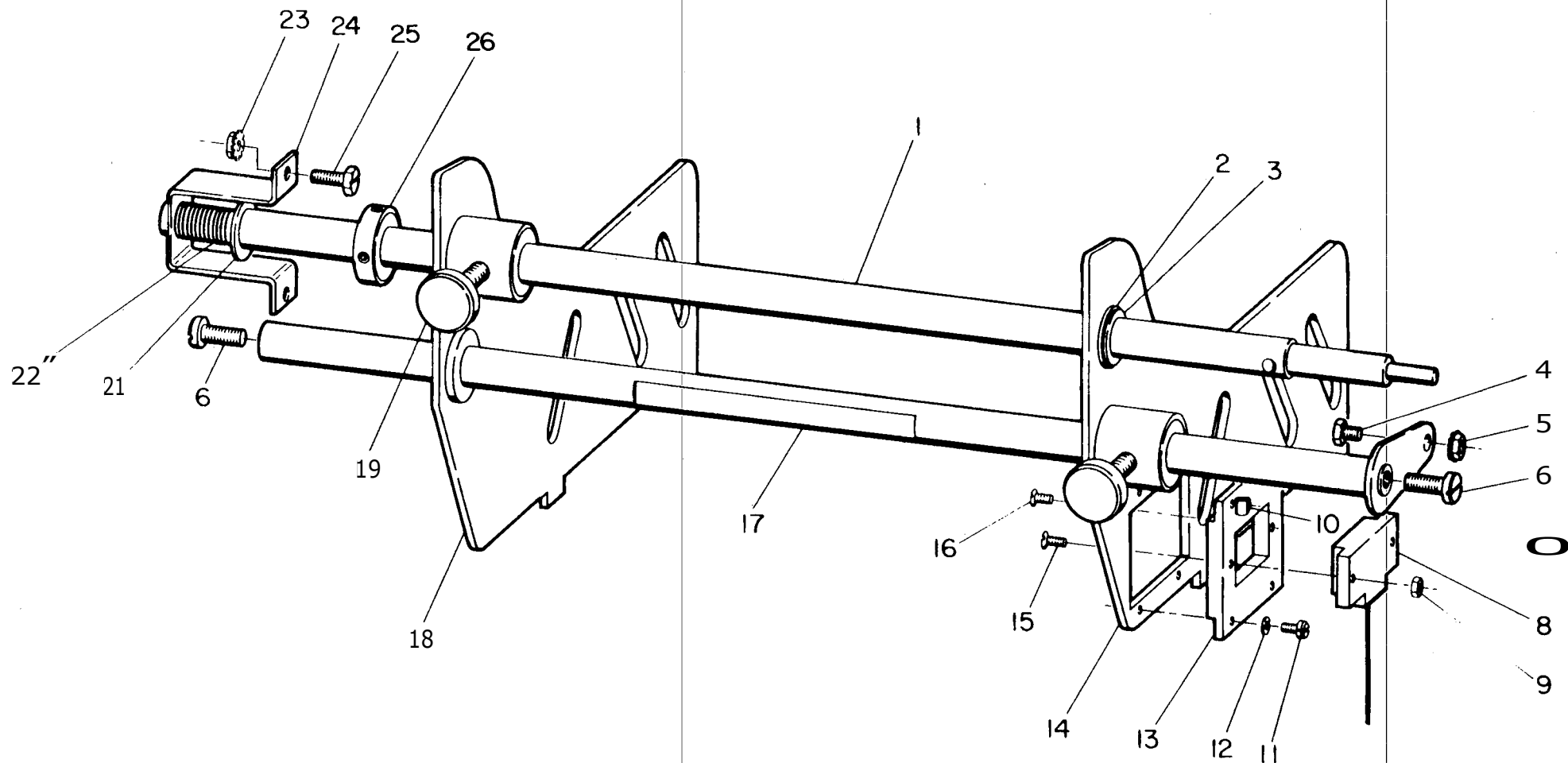


GROUP 58- Drive Shaft & Clutch Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-9-197669	DRIVE ASSY. COMP. C.D.	1	36	A7-87721	SCREW	1
2	13-9-195663	INCL 2-23		37	185-5174	RETAINER, CRANK	1
3	3AL-1540	CAM, JOGGER	1	38	WP-2330	SPRING	1
4	13-6-197670	WASHER, PLAIN	6	39	13-2-130352	INSERT, HANDLE	1
5	13-3-197657	GEAR, C.D. DRIVE	1	41	13-0-187602	CRANK ASSY.	1
6	48-438-209A	SPROCKET, C.D. RIGHT	1		13-1-187601	CRANK	1
7	48-433-572A	WASHER, SPLIT LOCK	3		13-3-187211	ADAPTER	1
8	48-433-572A	SCREW, SOC HD 5/16-18	3		15283	ROLL PIN 1/8x3/4	2
9	1815-1028	COLLAR	1	42	13-4-142983	HANDLE, CRANK	1
10	10814	PIN, TAPER *2 1.375 LG.	2	43	120-7335	C WASHER	1
11	XM-974	SCREW 5/16-18x1-3/4 HEX	2	44	13-0-192289	PIN	1
12	48-438-2098	WASHER SPLIT LOCK 5/16	2	45	48-435-043D	NUT, HEX 1/4-20	4
13	48-437-0358	WASHER, FLAT 5/16	2	46	120-511-A	SHAFT ASY BRG BLK & WORM	1
14	1815-5020	CAM, PAPER GRIPPER	1	* 47	0G-501	TAPER PIN	1
15	58-260	WASHER	4	* 48	48-438-208R	LOCKWASHER 1/4	2
	13-0-197668	BRACKET ASSY., IDLER	1	* 49	48-411-410D	SCREW 1/4-20x3/4	2
		INCL. 18-21		M 50	XM-415	PIN	1
16	13-1-197667	BRACKET, IDLER	1	* 51	13-4-206986	WORM & SHAFT ASSY W/BRAKE	1
17	13-6-197654	SPROCKET, C.D. LEFT	1	* 52	XM-875	NUT	1
18	0G-318	PIN, TAPER *2 1.125 LG.	1	* 53	17-494	WASHER	2
19	13-2-197666	SCREW, SHOULDER IDLER	1	* 54	170-1320	RING, RET.	1
20	13-3-197665	SPROCKET ASSY.	2	* 55	120-7035	BRAKE, WORM SHAFT	1
21	48-437-0328	WASHER	2	* 56	48-433-607B	SCREW, CAP 10-32x1-1/2	1
22	190-102	NUT, KEPS 1/4-28	2		976-269	SPRING, COMP.	1
	13-2-197658	SHAFT ASSY. C.D. DRIVE	1	57	13-7-197661	SUPPORT ASSY., SHAFT INR	1
		INCL. 5 8 9 16 17 23			850-5009	WASHER	1
23	1815-5008	SHAFT	1			INCL 63	
24	13-8-188016	WHEEL, PAPER GUIDE	2	58	48-438-208R	LOCKWASHER 1/4	4
25	1815-5038	SCREW, 5/16-18x1	2	59	48-411-4100	SCREW 1/4-20x3/4	4
26	13-0-197676	GUARD ASSY., CLUTCH WIRE	1	61	13-2-196189	GUARD, CLUTCH LOWER	1
27	13-5-197663	SUPPORT ASSY. COMP 28-34	1	62	13-1-196024	CLUTCH ASSY.	1
28	13-8-195698	SUPPORT ASSY., SHAFT	1	63	302771	PIN, ROLL	1
29	13-6-197662	SHAFT ASSY., TABLE ADJ.	1	64	13-3-195651	HUB & 26T SPROCKET ASSY.	1
30	EF-3301	PIN, TAPER	2	65	61390	WASHER	1
31	13-1-197659	SHAFT	1	66	13-3-195735	CHAIN *25 1/4 PITCH	1
32	13-1-195695	KEY, LOWERING CRANK	1	67	13-7-196192	GUARD, CLUTCH UPPER	1
33	120-5117	GEAR, WORM SHAFT MITER	1	68	48-438-504C	WASHER, LOCK EXT *8	2
34	13-5-197119	CRANK. ADAPTED (36-44)	1	69	48-406-194C	SCREW, 8-32x318	2

* Indicates Change

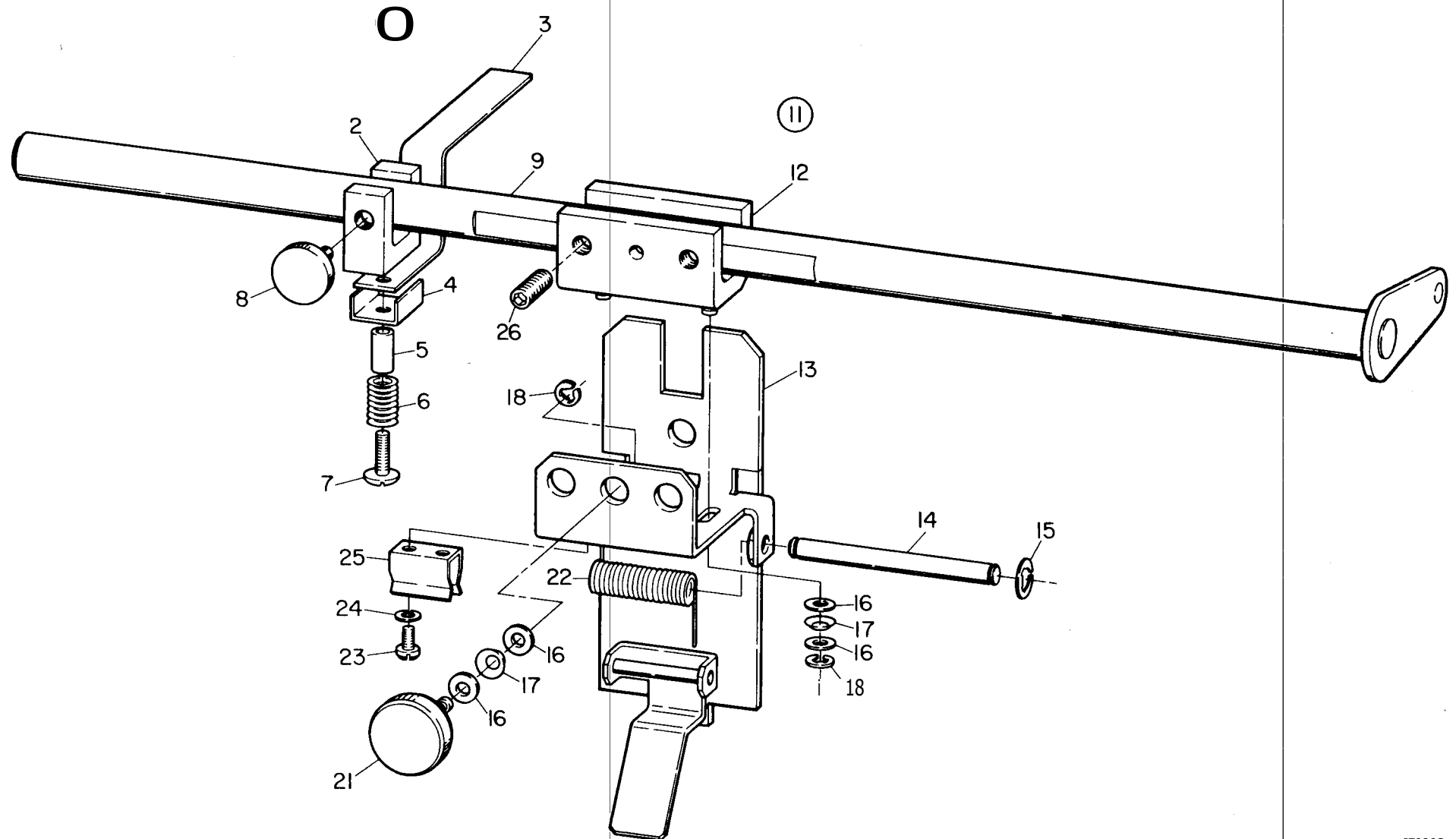
GROUP 59— Paper Guide Assembly



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GROUP 59 — Paper Guide Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-2188673	SHAFT, SIDE JOGGER	1
2	307327	RING. RETAINING	
	13--6191467	BUSHING	2
4	13--0-182249	STUD. ECCENTRIC	1
5	50162	NUT	1
6	69-188	SCREW. 1/4-24X19/32	2
	13-0197452	PROXIMITY SWITCH COMP	
		INCL 8-•••10. 13e 15. 16	
8	13...5 197424	PROXIMITY SWITCH	1
	13-•.5-•196004	RECEPTog 4 POS	
9	50156	NUT. KEPS 4-40	2
10	48-•063-.1121	CABLE CLAMP	1
	48-250-0001	CABLE STRAP	
Li	48406-.1088	SCREW FIL HD 4-40X1/4	4
12	48-438..4028	WASHER, LOCK 04 INT.	4
13	13-2-195603	PLATE. SWITCH MTG.,	1
14	13-•..4-•195601	GUIDE ASSY., PAPER SIDE	1
15	48409m-3980	SCREW, FT HD, 4=.40X3/4	1
16	48-409-3580	SCREW. 4-.40X518	1
17	13...4...496263	ROD ASSY., PAPER GUIDE	
18	13-•.1 195604	PLATE ASSY.' JOGGER SIDE	1
19	13--..2189952	THUMBSCREW ASSY.	2
	18/5-6006	PIN	2
21	17-494	WASHER	1
22	XM-97	SPRING	1
23	50162	NUT	
24	13-•-8--190251	RETAINER, SPRING	
25	48-•.412277C	SCREW. HEX 10--32X1/2	2
26	1855516	COLLAR	
	40-1563	SET SCREW	

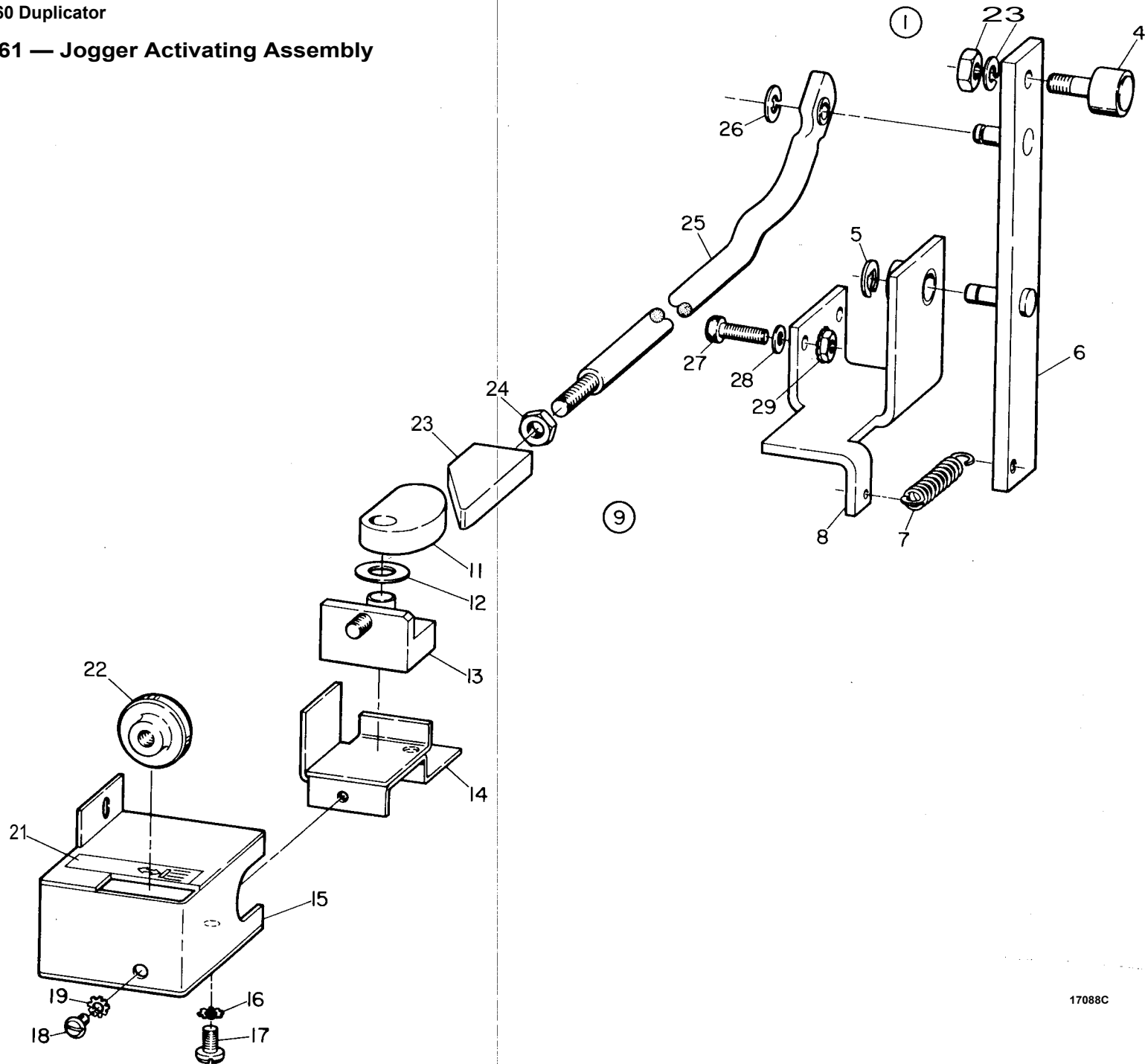


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GROUP 60 — Paper Stop/Stripper Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-.2-196262	FINGER ASSY.. STRIPPER	2
		INCL. 2...8	
2	13-2-191479	STRIPPER BODY	1
3	13-3-196261	FINGER	1
4	137-191466	KEEPER	1
5	13-.7-191474	SLEEVE	1
6	13-.4-191469	SPRING	1
7	48-425-447C	SCREW TRUSS HD 10.-32X7/8	1
8	13-. 5-• 186328	THUMBSCREW	1
9	13-1-196263	ROD ASSY., PAPER GUIDE	1
11	13-0-196264	PAPER STOP & STRIPPER ASY	1
		I NCL. 12-26	
12	13-1-195786	ROD HOLDER ASSY.	1
13	13-4195791	STOP. UPPER W ELD MEN T	1
/4	13...0...195787	PIN	1
15	60829	RING. RETAINING	2
16	48-.437-.0260	WASHER	6
17	310..245	WASHER. WAVE	3
18	60964	RING. RETAINING	
19	13...3-195792	STOP • LOWER WELDMENT	
21	13-8-195789	SCREW. ASSY.	
22	13...0-195795	SPRING. TORSION	1
23	48-406-113C	SCREW, MACH 6-.40X1/4	2
24	48-438— 4048	WASHER. LOCK M16	2
25	13•• 3-195784	CLIP. SPRING	1
26	13-9-195796	SCREW, SET	2

GROUP 61 — Jogger Activating Assembly

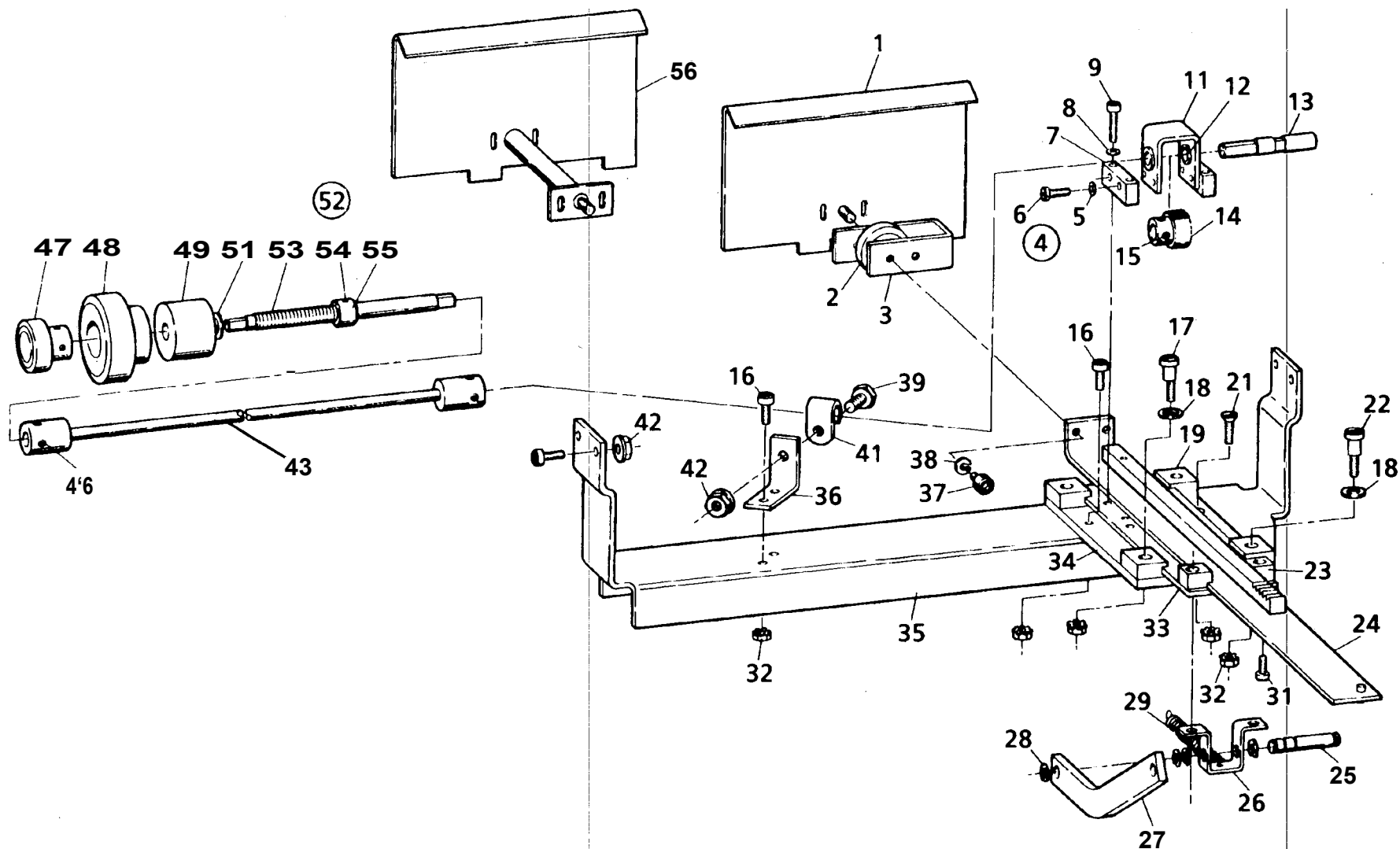


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GROUP 61 — Jogger Activating Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-•.9-•197677	LEVER ASSY* COMP JOGGER		
		INCL. 2-6, 8		
2	40-.4836	NUT. HEX 1/428	1	
3	48.-438.-208B	WASHER, SPLIT LOCK	1	
4	13-3-197608	FOLLOWER, CAM	1	
5	19373734	E RING	1	
6	13-6-197621	LEVER ASSY.* JOGGER		
7	1853486	SPRING EXT.	1	
8	13*.2.*197617	BRACKET ASSY. JOGGER		
9	13-3195719	ACTIVATING ASSY.. JOGGER	/	
		INCL. 11-22		
11	1135....195667	PIVOT, JOGGER		
12	06-*401	WASHER	1	
13	13-5-195675	PIVOT BLOCK ASSY.	1	
14	13*8-195672	SUPPORT BRACKET ASSY*	/	
15	13-4-195668	HOUSING. JOGGER	1	
16	48.*438-..504A	WASHER. STAR LOCK 08	1	
17	48-425-1548	SCREW, TRUSS HD 8...32	1	
18	48-406-1570	SCREW. FM* HD* 10-32	1	
19	48*.438.*505A	WASHER. STAR LOCK 010	1	
21	13-.41-195748	LABEL. MICRO ADJUST		
22	1206019	NUT	1	
23	13-6195666	ACTIVATOR, JOGGER	1	
24	48-435-043D	NUT, HEX 1/4-20	1	
25	13-7195665	JOGGER SHAFT ASSY*		
26	60829	RING, RETAINING	1	
27	48:433-3678	SCREW. MACH 1032X5/8	2	
28	ULG-*5053	WASHER	AR	
29	50162	NUT. KEPS 10*32	2	

GROUP 62- Jogger Assembly, Front

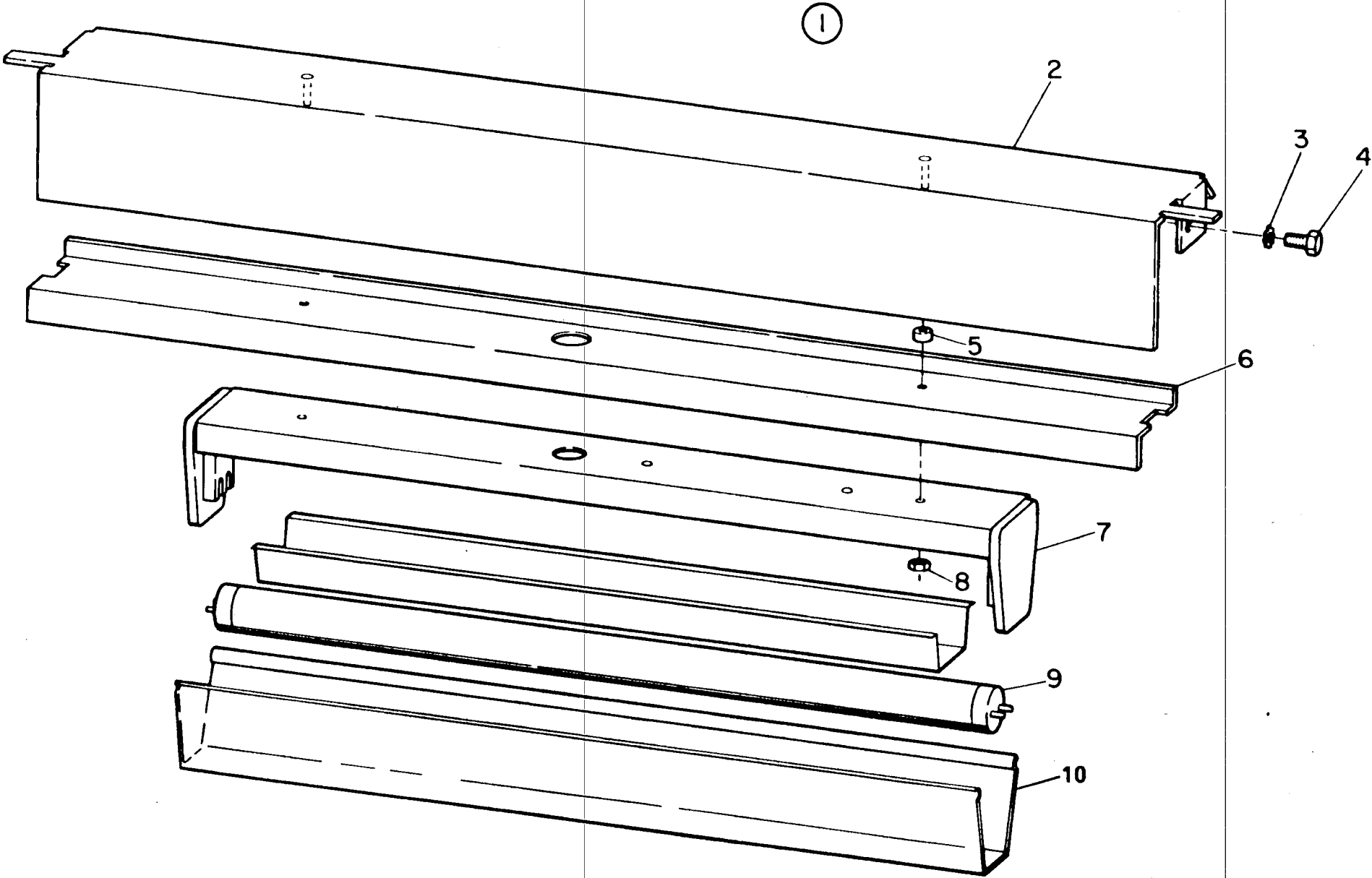


GROUP 62- Jogger Assembly, Front

KEY	PART NUMBER	DESCRIPTION	QTY NT	KEY	PART NUMBER	DESCRIPTION	QTY NT
	13-5-197648	JOGGER ASSY., FRONT		26	13-9-197644	BRACKET, SPRING	1
		INCL 3 4 8 9 16-29 32-38		27	13-6-197613	LINK, JOGGER DRIVE	1
1	13-3-197632	PLATE ASSY., PUSHER	1	28	6400-6080	RING, RETAINING	1
2	13-0-195712	KNOB, JOGGER PLATE LOCK.	1	29	13-7-193280	SPRING, EXTENSION	1
3	13-7-197646	ARM ASSY., PUSHER PLATE	1	31	48-409-194C	SCREW, 8-32	3
4	13-5-195717	GEAR ASSY., PINION	1	32	50162	NUT, KEPS 10-32	10
		INCL. 5-7 11-15		33	13-6-197647	SLIDE	1
5	48-438-405R	WASHER, 18	4	34	13-6-195617	SUPPORT, SLIDE	1
6	48-419-274B	SCREW PAN 8-32	4	35	13-8-197603	BRACE, JOGGER	1
7	13-9-195622	GUIDE BLOCK	2	36	13-7-1957 15	SUPPORT, FLEX. JOG. CABLE	1
8	48-438-205A	WASHER, LOCK 06	4	37	48-433-197F	SCREW SHM 10-32X.375	2
9	48-406-4048	SCREW, FIL HD 8-32X.750	4	38	48-438-206A	WASHER, LOCK 810	2
11	13-8-195623	HOUSING, PINION	1	39	48-412-277C	SCREW, HEX 10-32X1/2	1
12	66051	BEARING, NYLON	2	41	48-063-1103	CABLE CLAMP	1
13	13-3-195628	SHAFT, JOGGER GEAR	1	42	50162	HUT, KEPS 10-32	5
14	13-6-195625	GEAR, PINION	1	m 43	13-3-199125	FLEX. JOGGER SHAFT ASSY.	1
15	50602	SET SCREW	1	46	50603	SCREW 10-32X1/4	4
16	48-419-2778	SCREW, PHM 10-32X.50	3	47	13-4-195692	KNOB, ADJ. SCREW	1
17	13-2-195645	SCREW, SHOULDER ECC	3	48	13-5-195691	KNOB	1
18	13-1-195646	WASHER, WAVE SPRING	6	49	13-1-195737	SPACER, ALUMINUM	1
19	13-2-195629	BLOCK SLIDE	4	51	48-438-5094	WASHER, EXT TH LOCK	1
21	48-409-2773	SCREW, FHM 10-32X.50	1	52	13-3-195693	JOGGER LOCKING SHAFT ASSY	1
22	13-3-195644	SCREW, SHOULDER SLIDE	3			INCL 53-55	
23	13-4-195643	BLOCK, SLIDE	2	53	13-9-195689	SHAFT, JOGGER	1
24	13-7-197711	RACK ASSY. INCL. 31	1	54	15283	PIN, ROLL 1/8X5/8	1
	13-8-197710	ARM ASSY.	1	55	930-1838	COLLAR	1
24	13-4-195627	RACK	1	56	13-3-197699	PLATE ASSY EXT. PUSHER	1
25	13-0-197643	PIN, JOGGER DRIVE	1				

* Indicates Change

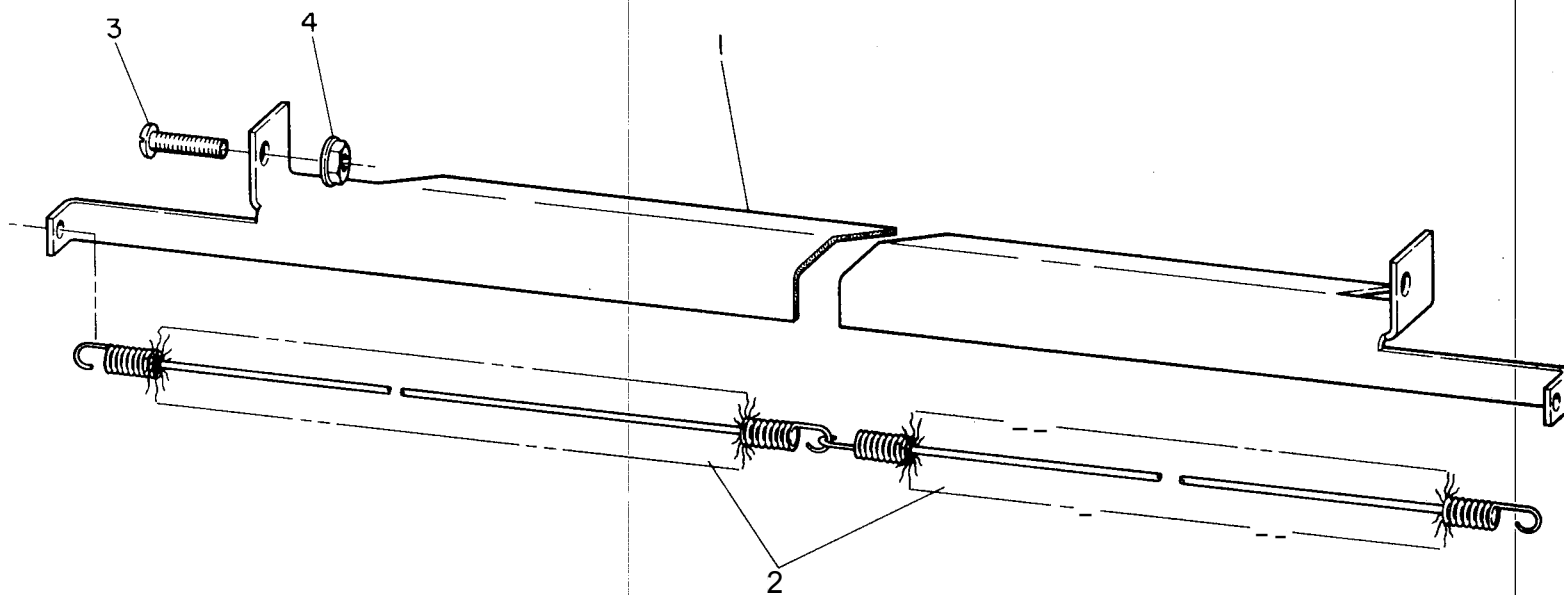
GROUP 63— Lamp Assembly



GROUP 63— Lamp Assembly

KEY	PART NUMBER	DESCRIPTION	QTY
1	13-6-197712	LAMP BAR ASSY.	1
2	13-3-197624	BAR ASSY., COMP.	1
3	48-438-507C	WASHER, EXT. TH -	2
4	48-411-2808	SCREW, MACH. ¹ / ₄ -20X1/2	2
5	120-11024	COLLAR, SPACER	2
6	13-2-197708	CHANNEL	1
7	13-1-197451	FIXTURE, LAMP	1
8	50109	NUT	2
9	E14-37	LAMP	1
10	13-0-197627	HOUSING	1

GROUP 64 — Tinsel Holder

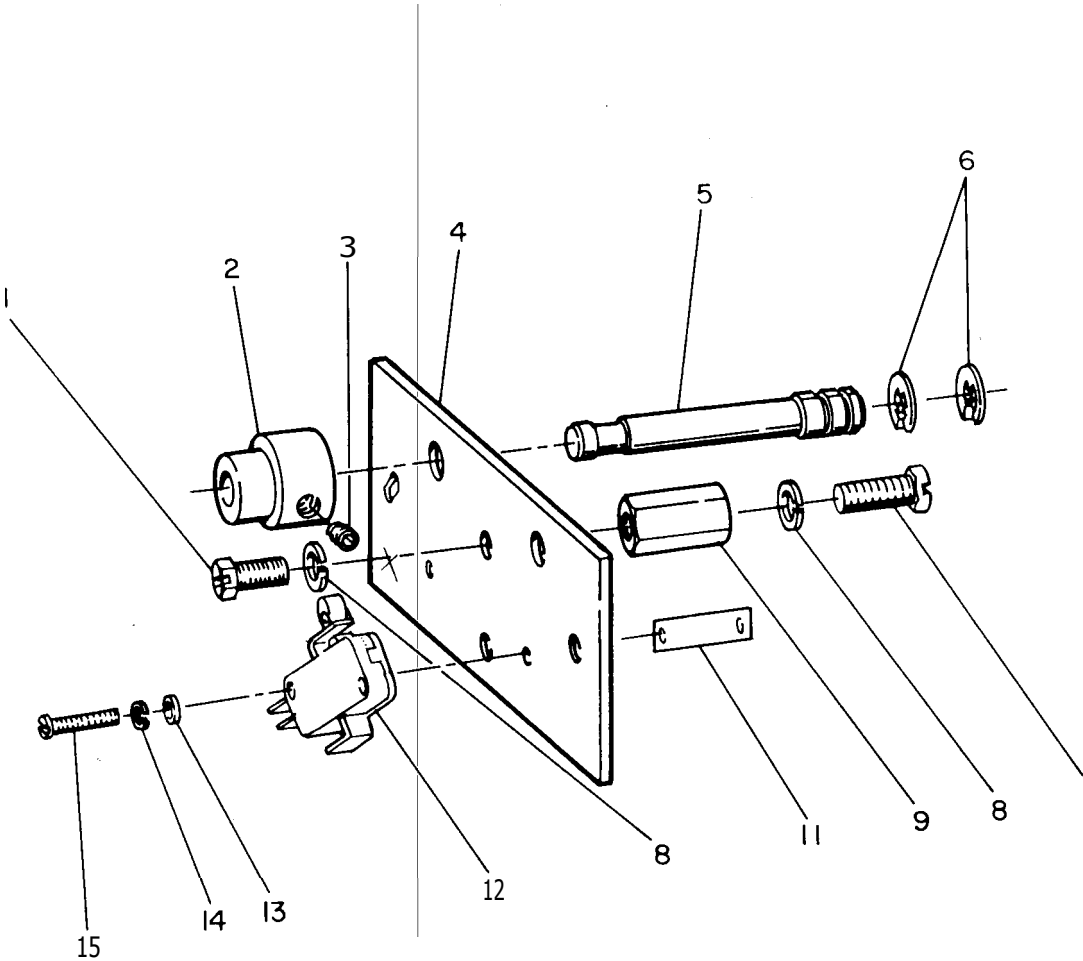


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GROUP 64 — Tinsel Holder

KEY PART NUMBER		DESCRIPTION	QTY NT
1	13-9-197628	BRACKET • TINSEL HOLDER	1
2	13-5-186591	TINSEL	2
3	48-412-4078	SCREW • 10-32X.750	2
4	50162	NUT. KEPS 10-32	2

GROUP 65— Safety Switch



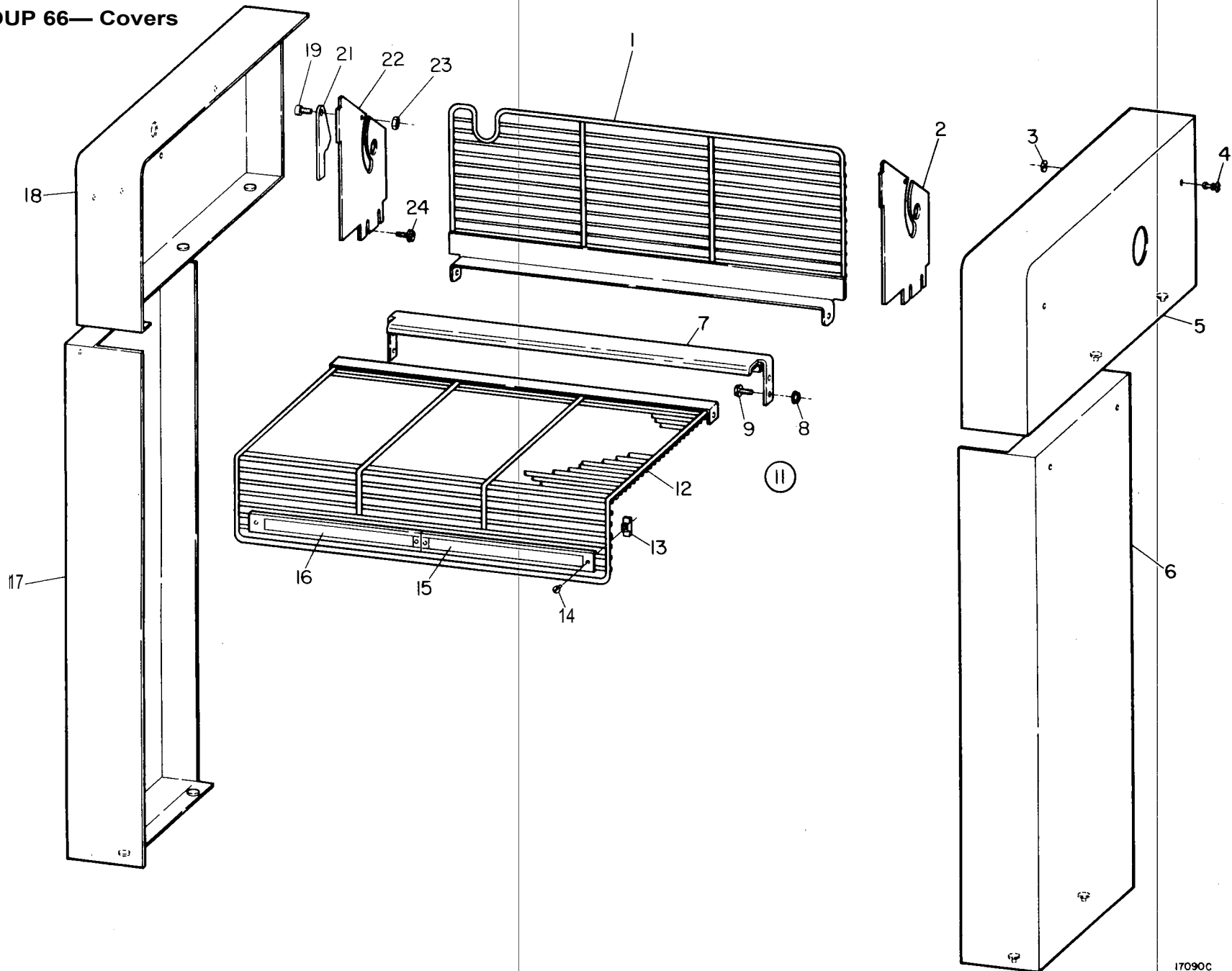
1511828

GROUP 65— Safety Switch

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	48-412-277C	SCREW. 1032X1/2	2
2	13-5-187318	CAM. SWITCH	2
3	50648	SET SCREW	2
4	13-..8..187323	PLATE. SWITCH MTG.	1
5	134-187319	PIN. PIVOT	2
6	6400-6080	WASHER. C	4
8	48-438-206R	LOCK WASHER 010	4
9	13-9187322	STANDOFF	2
11	13-7-160677	SPEED NUT. TWIN	2
12	64205	SWITCH	2
13	48-•437-.-0130	WASHER 04	4
14	48-438-202R	LOCKWASHER 04	4
15	48-406-3980	SCREW. FIL• 4..-40X1/2	4

MODEL 1960 Duplicator
GROUP 66— Covers

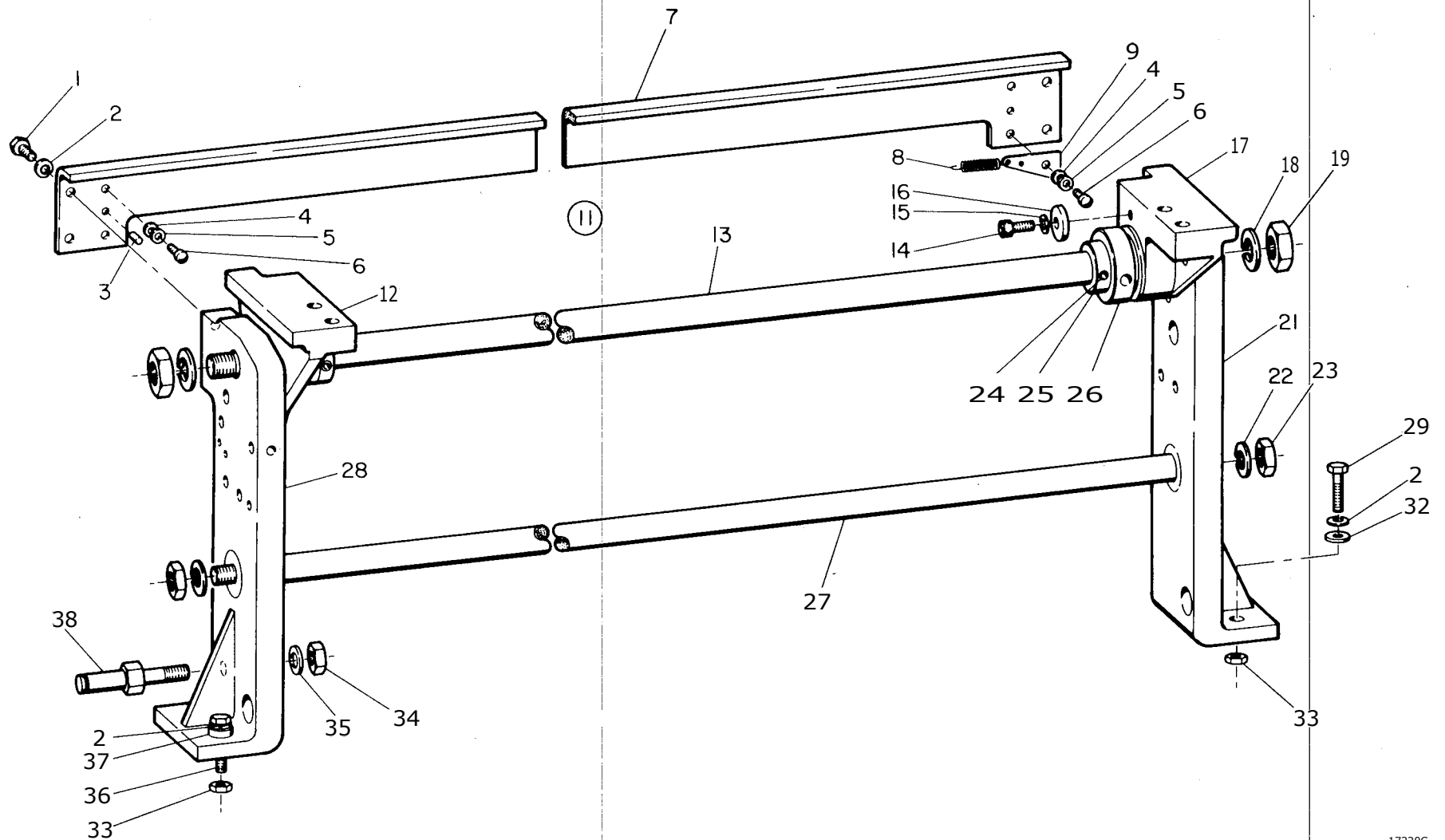
HP-4360-DU



GROUP 66— Covers

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13^..6•••188430	COVER ASSY.** FRONT COMP.	
2	13-..-8-189659	COVER SUPPORT* LEFT	1
3	13:•1•..184970	RETAINER	a
4	135...184968	STUD. 1/4 TURN	a
5	131...497824	PANEL ASSY** UPPER L.	
6	13•••7197828	PANEL ASSY** LOWER Le	1
	13..-7-..197190	LABEL* DANGER	1
	13•••6197191	LABEL* DANGER (FR./	
7	13-9-197768	BRACKET, COVER GAP	1
8	50162	NUT* KEPS	4
9	48412277C	SCREW* HEX 10-.-32	4
11	130-188584	COVER ASSY** REAR (12-•16)	1
12	13-2-188426	COVER* REAR	
13	13...2 188137	RETAINER, SCALE ASSY*	4
14	48.-4171128	SCREW* PAN 45-.-32X3/8	4
15	/3-..8-.488586	SCALE ASSY** CD GUIDE	
16	139-...188585	SCALE ASSY** CO GUIDE	
17	13-.4-.497748	PANEL ASSY** LOWER Re	
	13•-7•••197190	LABEL* DANGER	1
	13-..6197191	LABEL* DANGER	
18	13.•.9-•197826	PANEL ASSY** UPPER R.	
19	XM..•2973	SCREW* 8-•.32X5/16	2
2/	13-..9/94526	LEVER* SAFETY	2
22	13-...4 188580	COVER SUPPORT* RIGHT	1
23	301133	NUT, 8-..32	2
24	48-.412-1178	SCREW, 1032	4

GROUP 67 — Mounting Bracket Assembly



17220C

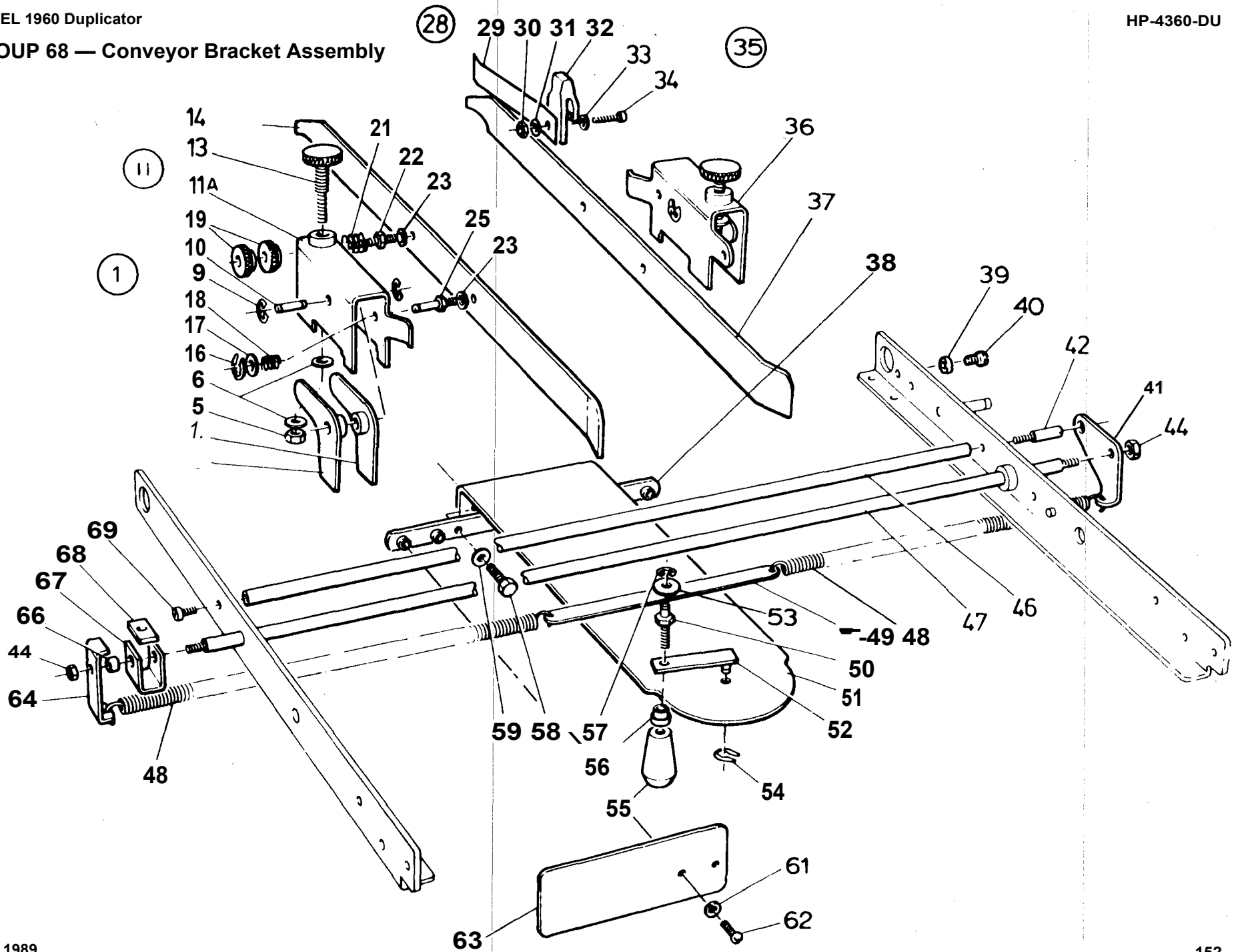
GROUP 67- Mounting Bracket Assembly

	KEY	PART NUMBER	DESCRIPTION	QTY NT
	1	A4A-1804	SCREW	4
	2	48-438-208R	LOCKWASHER	2
	3	1977-2008	PIN .187X1/2	2
	4	4-539	WASHER	4
	5	48-438-2068	LOCKWASHER	2
	6	48-406-367D	SCREW, FIL 10-32X5/8	2
	7	182-1010	ANGLE, MTG. FRAME	1
M	8	80-1206	SPRING, PROVIDES POSITIVE RETURN OF ELEV. FRAME	1
	9	182-1017	HOOK, SPRING	1
	11	13-3-193623	FRAME ASSY., MTG. 12-28	1
	12	182-1003	BKT., L.	1
	13	13-4-189828	BAR, PIVOT	1
	14	48-433-370C	SCREW 1/4-20X5/8	1
	15	48-438-208R	LOCKWASHER	1
	16	182-1007	WASHER, ECC. CLAMP.	1
	17	182-1005	BKT., R.	1
	18	48-438-214A	LOCKWASHER	2
	19	13-3-189829	NUT. HEX 5/8-11	2
	21	13-7-189825	FRAME, R.	1
	22	27-1061	LOCKWASHER	2
	23	190-6009	NUT, HEX 1/2-13	2
	24	216-1212	SET SCREW	2
	25	216-1004	COLLAR	2
	26	182-1006	BUSHING, ECC. BKT.	1
	27	182-1001	BAR, FRAME TIE	1
	28	13-6-189826	FRAME, L.	1
	29	119-227	SCREW	2
	32	4-331	WASHER	2
	33	48-436-044C	NUT, 1/4-28	4
	34	XM-143	NUT	1
	35	OG-1305	WASHER	1
	36	119-228	SCREW 1/4-28X11/4	2
	37	71-5012	COLLAR	2
	38	185-6006	STUD	1

**

Indicates Change

GROUP 68 — Conveyor Bracket Assembly

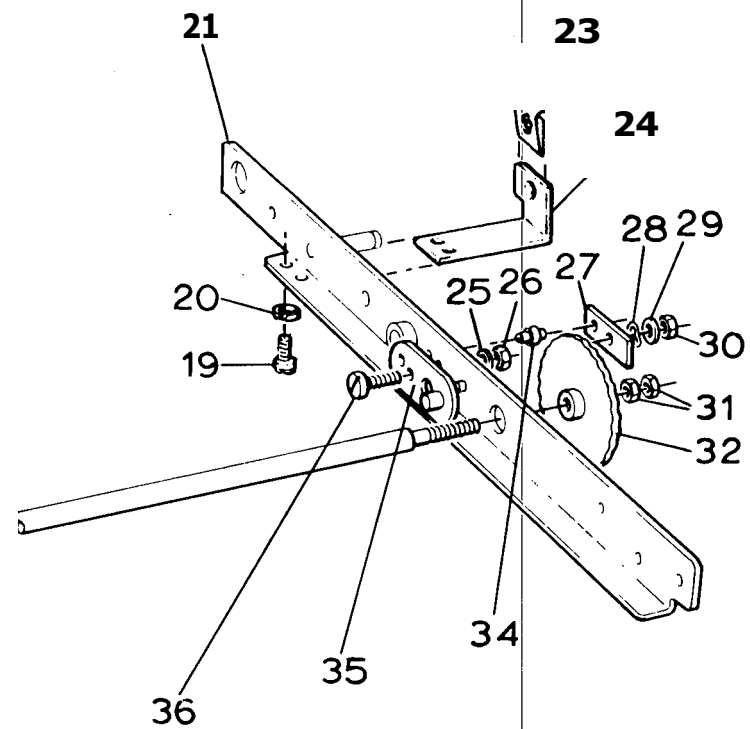
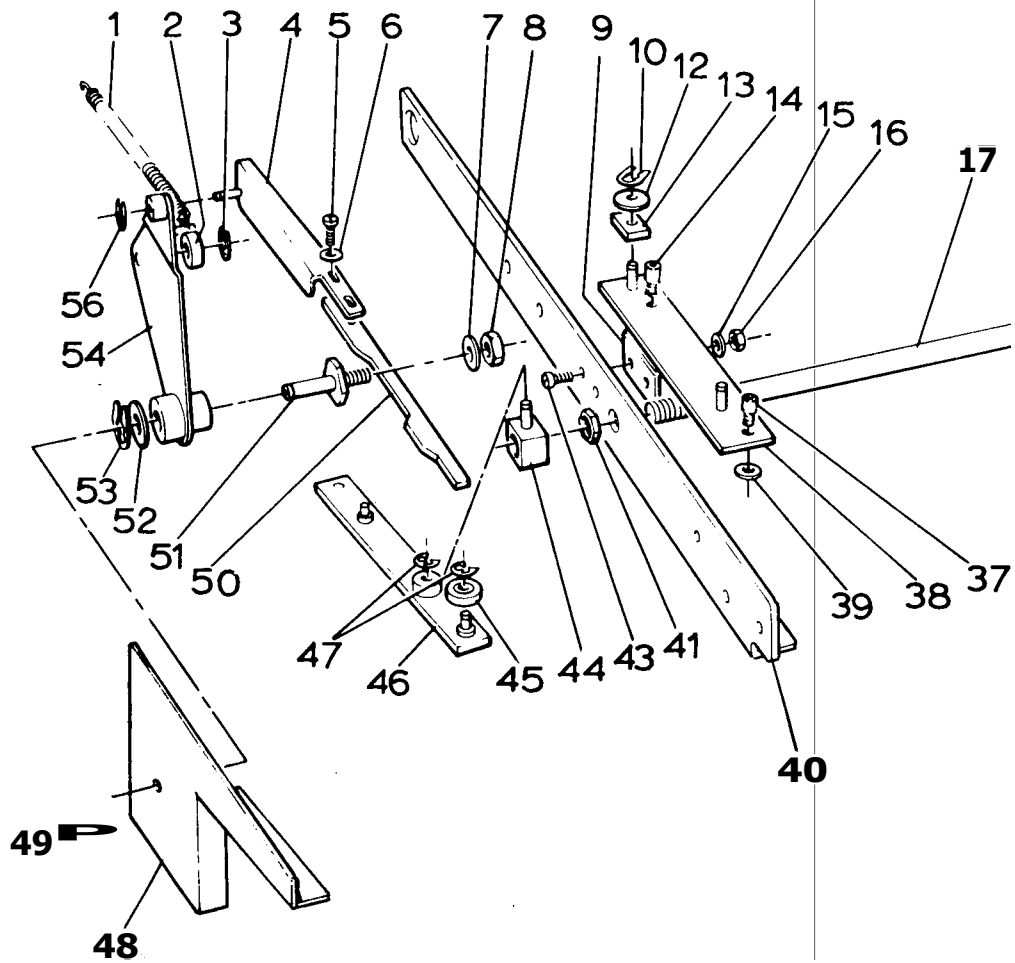


GROUP 68 — Conveyor Bracket Assembly

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-0-189384	PAPER GUIDE ASSY COMP L.	1	
		INCL. 3-.25		
3	216-2620-A	ARM ASSY* Le	1	
4	216...262I-A	ARM ASSY. R.	1	
5	91-.2152	NUT	1	
6	F2-33242	WASHER	2	
9	1937-3734	C WASHER	2	
10	2162622	PIN		
11	216-2614-A1	PLATE ASSY JOGGER SUPPORT	1	
	216-2614-A	PLATE ASSY.	1	
13	216-2623-A	SCREW ASSY.	1	
14	13-1-189383	GUIDE. PAPER Le	1	
16	170-1331	C WASHER		
17	4-818	WASHER	1	
18	HA...3515	SPRING	1	
19	108-196	NUT	2	
21	A7A-83150	SPRING	1	
22	185...6013	STUD		
23	48-438-4064	WASHER	2	
25	185-6012	STUD		
28	185-607-A	GUIDE ASSY. (29...341	1	
29	185-607	SPRING	3	
30	185-609	NUT	3	
31	15-2007	WASHER	3	
32	185-608	HANDLE	3	
33	0G-905	WASHER		
34	71-4024	SCREW	3	
35	13-9-189385	PAPER GUIDE ASSY COMP. R.		
36	216-2614-41	PLATE ASSY. JOGGER SUPP.	1	
37	13-2-189382	GUIDE. PAPER R.	1	

KEY	PART NUMBER	DESCRIPTION	QTY	NT
38	13-3-180521	GUARD. MTG. PLATE ASSY.	1	
39	200-9	WASHER	2	
40	48-406-1I4C	SCREW. FIL HD 8-32X1/4	2	
41	216-2643	CLIP SPRING RETURN	1	
42	216-.2634	SCREW	1	
44	91-2152	NUT	2	
46	216-2633	ROD		
47	216-.2640	JOGGER ROD		
48	750-5463	SPRING	2	
49	216-2645	LINK		
50	185-6021	STUD	1	
51	185-6019	BRACKET	1	
52	185-6020-4	LEVER ASSY.	1	
53	99-521	WASHER	1	
54	1720-1031	C WASHER	1	
55	120-.3607	HANDLE		
56	185-6022	BUSHING		
57	700-8006	C WASHER		
58	26-2046	SCREW	2	
59	48...438-.208R	LOCK WASHER	2	
61	48-438-206R	LOCKWASHER 010	4	
62	48-425-1970	SCREW	4	
63	13.-6-188794	GUARD. BRACE	2	
64	216-.2642	CLIP SPRING RETURN	1	
66	ULG-5037	COLLAR		
67	216...2641	BRACKET		
68	120-6034	BLOCK		
69	48-406-280C	SCREW, 1/4-.20X1/2		

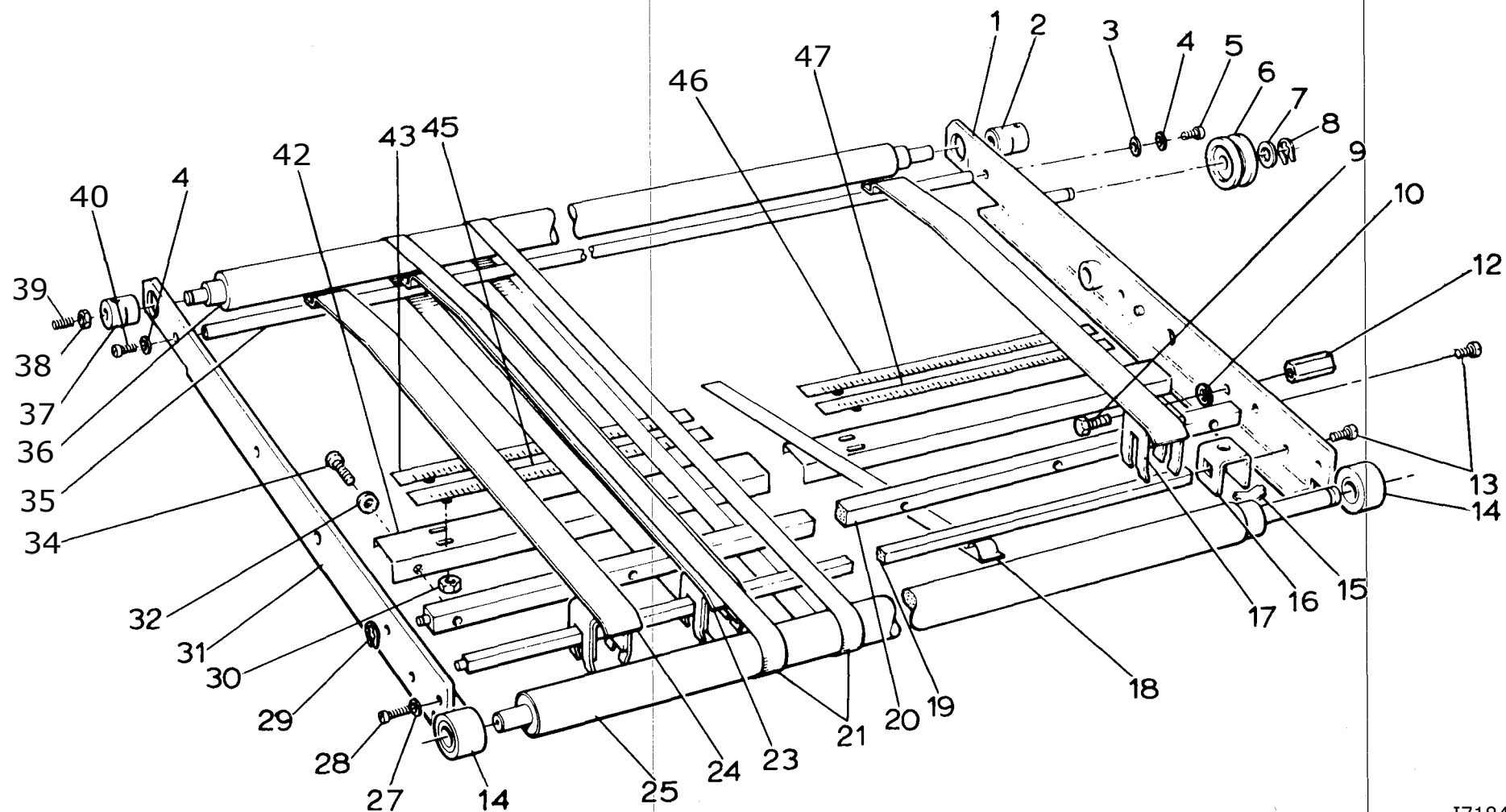
GROUP 68A — Conveyor Bracket Assembly (cont.)



GROUP 68A — Conveyor Bracket Assembly (cont.)

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	11-20414	SPRING	1	
2	120-5562	ROLLER	1	
3	1937-3734	C WASHER	1	
4	216...2665-..A	LINK ASSY.	1	
5	48-411-157C	SCREW	2	
6	F233242	WASHER	2	
7	0G-1305	LOCK WASHER	1	
8	X14-.143	NUT. 3/8-16	1	
9	216-2663	BRACKET		
10	1937-3734	C WASHER	2	
12	F2-2064	WASHER	2	
13	120-6037	GUIDE	2	
/4	48-406-.197C	SCREW	1	
	48438-..206A	LOCK WASHER	1	
	48435-036C	NUT. 10-32	1	
15	48-.-438...206A	LOCKWASHER	2	
16	48-435-.036C	NUT	2	
17	216-2650	ROD	1	
19	48...406-194C	SCREW 8-32X3/8	2	
20	48-438-205A	WASHER. LOCK 18	2	
21	13...7-189429	SIDE ASSY* CONVEYOR Re	1	
23	13...0.-184963	RECEPTACLE	1	
24	13-4-488820	BRACKET, CENTER COVER	1	
25	48- 438-406*	LOCK WASHER	1	
26	XM-875	NUT		
27	120-6027	CLAMP		
28	XM-2689	TENSION WASHER	1	
29	ULG-5053	WASHER	1	
30	91-2152	NUT	1	
31	4-337	NUT. JAM 3/16...24	2	

KEY	PART NUMBER	DESCRIPTION	QTY	NT
32	120-.6004	ADJUSTING WHEEL	1	
34	120-6028-.1	PIN	1	
35	120...6026-A	LEVER ASSY		
36	120-6029	SCREW		
37	48...406-277C	SCREW	1	
38	185-6035-4	PLATE ASSY.	1	
39	03-2007	WASHER	1	
40	13-9-189427	SIDE ASSY. CONVEYOR Lip		
41	902-•9038	NUT	1	
43	48-406-277C	SCREW. 10-32X1/2	2	
44	216-2651	PIVOT		
45	120-5562	ROLLER	2	
46	185--6030-A	LEVER ASSY.		
47	1937-.3734	C WASHER	2	
48	13-9-187991	COVER. CONVEYOR MTG. SKTe	1	
49	48..-4251970	SCREW 10-32X3/8	1	
50	185-6007	CAM		
51	185-6006	STUD	1	
52	17...494	WASHER	1	
53	170-1320	C WASHER	1	
54	1279-5711-.A	LEVER ASSY		
56	170-1331	C WASHER	1	

GROUP 68B — Conveyor Bracket Assembly (cont.)

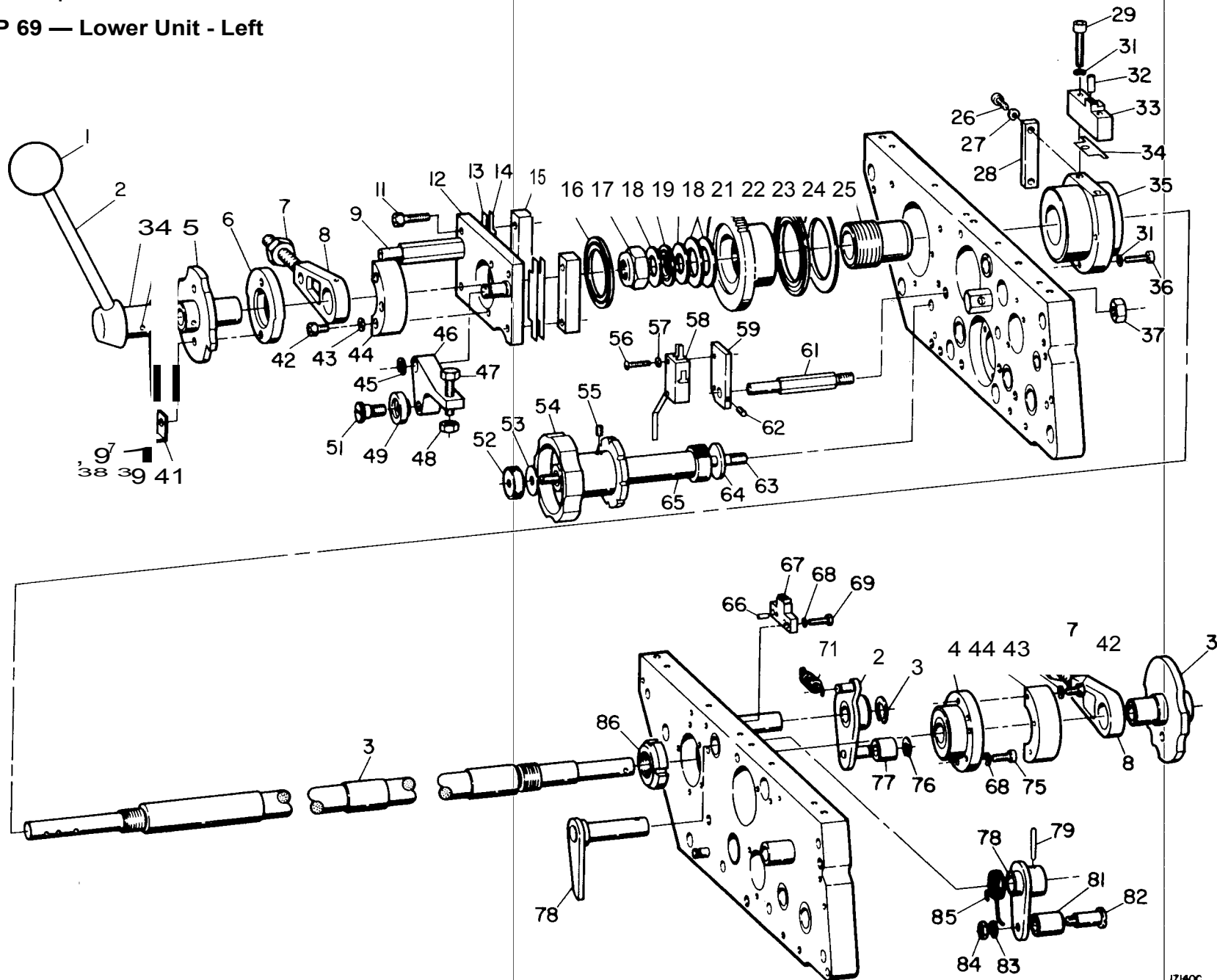
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GROUP 68B — Conveyor Bracket Assembly (cont.)

KEY	PART NUMBER	DESCRIPTION	QTY	NT
A	13-3-186821	CONVEYOR ASSY.	1	
1	13...7-189429	SIDE ASSY., CONVEYOR Re	1	
2	120-6045-A	BEARING ASSY.	1	
3	EF-5204	WASHER	1	
4	48-.438-205C	LOCKWASHER 08	2	
5	48406-364C	SCREW. 6...32X5/8	2	
6	13-0-1955S7	PULLEY ASSY.	1	
7	0G-401	WASHER 25/64 ID	1	
8	170-180Z	C WASHER	1	
9	48-411-277C	SCREW. 10-32X1/2	3	
10	48-438-206A	LOCKWASHER	3	
12	13-5-188142	STANDOFF	3	
13	120-204	SCREW. 1032X1/2	2	
14	120-6053-4	BEARING ASSY.	2	
15	121-5028	SPRING	9	
16	/21-5027	TAPE GUIDE	9	
17	185-605-4	PAPER SUPPORT Re	1	
te	185-6023-A	DOUBLE SHEET RETAINER	1	
19	185-•6004	ROD		
20	13-9-.488593	BAR	1	
21	120-6050	CONVEYOR TAPE	9	
23	185-604-..A	PAPER SUPPORT. CENTER	7	
24	185-•603-A	PAPER SUPPORT L. '	1	
25	1306052-1	FRONT CONVEYOR TAPE ROLL	1	

KEY	PART NUMBER	DESCRIPTION	CITY	NT
27	48-438-.505C	LOCKWASHER		2
28	484191970	SCREW		2
29	1720-.4031	C WASHER		
30	50109	NUT		
	48 -.437 ...0200	WASHER. PLAIN 06		
31	139...189427	SIDE ASSY.. CONVEYOR L.		
32	48-438-2054	WASHER LOCK 08		5
34	48-406-194C	SCREW 8-..32X3/8		5
35	185...6003	TIE ROD CONVEYOR		1
36	130-6040...4	ROLL		
37	120-..6041-A	BEARING. L.		1
38	XM...875	NUT		
39	36-.-553	ADJ. SCREW		
40	48-406-274C	SCREW 8-.-32X1/2		
42	13-0-188592	PLATE. SCALE MTG.		
43	137-188603	SCALE ASSY. Le JOGGER		
45	13-..6-188778	SCALE ASSY. Le JOGGER		
46	13-9-188601	SCALE ASSY. R. JOGGER		
47	13-8-1a0642	SCALE ASSY. R. JOGGER		1

GROUP 69 — Lower Unit - Left

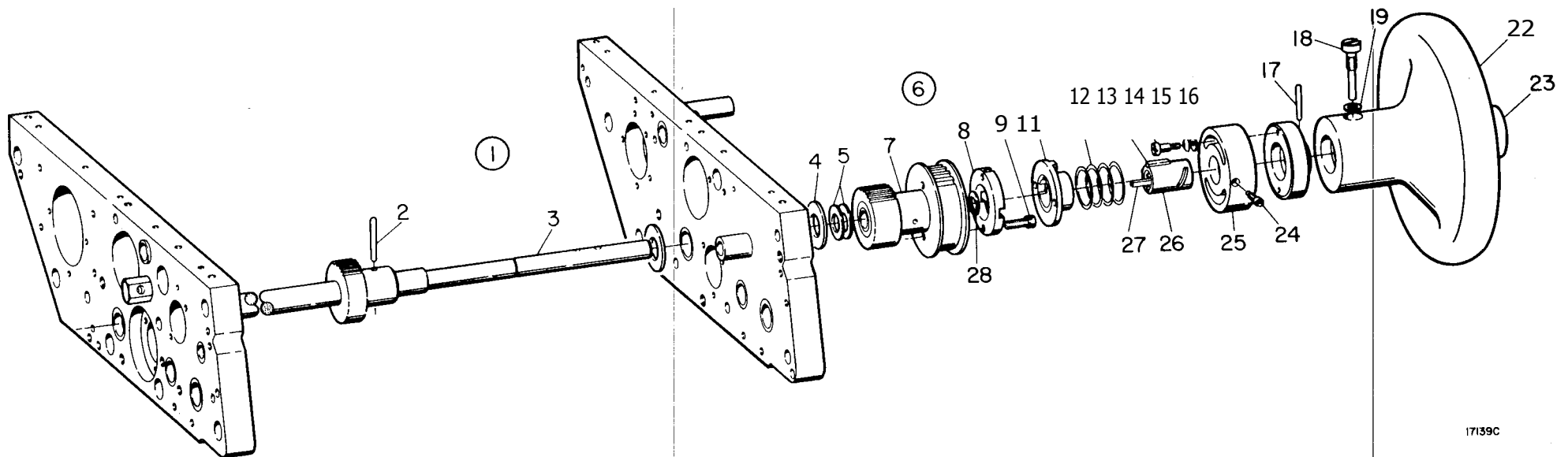


GROUP 69 — Lower Unit - Left

KEY	PART NUMBER	DESCRIPTION	UTY	NT
1	MA-742-6	KNOB. HANDLE		
2	185-4425	STUD, CONTROL LEVER		1
3	182-3001-4	SHAFT ASSY.' MASTER CYL.		1
4	EF-4200	PIN		4
	182-3004	CAM		1
6	13-8-183058	CAM		1
7	182-3014	NUT		2
0	182-3006-A	LINK ASSY.. PRESSURE		2
9	182-2027	STUD. CCNTRCL SHAFT		1
11	48-433-4074	SCRE*, 1G-32X3/4		4
12	13-5-103069	PLATE ASSY.. GIB		
13	182-2020	SHIM		4
14	182-2020-1	SHIM		4
15	182-2021	BAP, GIB PLATE		1
16	182-2036	BFG* LAT ADJ. THRUST		1
17	182-3018	NUT		1
18	680-4015	WASHER. THRUST		2
19	680-4016	BEARING. NEEDLE		1
21	500-22700	WASHER		2
22	182-2033	GEAR, ADJ.		1
23	182-2034	BEARING. LAT ADJ THRUST		
24	182-2035	WASHER. THRUST 1 3/4		1
25	182-3017	BUSHING. LATERAL ADJ.		1
26	48-433-274A	SCREWS 0-32X1/2		2
27	48-438-205C	LCCKWASHER		2
28	182...2026	BAR. BUSHING ALIGN		1
29	48-433-484C	SCREW. 8-32X1		2
31	48-438-205C	LOCKWASHER 08		2
32	182-.2046	PIN. SPIRCL		
33	192-2044	RACK. FRAME LOCK LOWER		
34	182-2045-2	SHIM		1
	182-2045-1	SHIM		
	182-2045	SHIM		1
35	182-2024	FLANGE, LATEPAL ADJ.		1
36	120-988	SCREW		
37	185-703	NUT, HEX 5/16-18		1
38	48-433-280F	SCREW, CAP 1/4		
39	48-430-208R	WASHER, LOCK 1/4		2
41	13-6-194412	BRACKET		1
42	48-433-364C	SCREW		6
43	48-438-205C	WASHER. LOCK		6
44	182-2023	GIB, PRESSURE LINK		2

KEY	PART NUMBER	DESCRIPTION	CITY	NT
45	61390	RING, RET•		1
46	13-9-103065	LEVER		1
47	48-411-4900	SCREW. HEX 1/4-20X1		
48	48-436-.0430	NUT, HEX 1/4-20		
49	13-8-183066	ROLLER		1
51	13-7-183067	SCREW, SHOULDER		1
52	120-8804	NUT. 1/4-28		1
53	F2-2064	WASHER		1
54	18 2-2 039	KNO8. LATERAL ADJ.		
55	71-.3008	SCREW, 10-32X1/4		1
56	48-425-398C	SCREW, 4-40X5/8		2
57	48-437-013C	WASHER, PLAIN		2
68	308759	SWITCH		1
59	13-9-.193817	BLOCK. SWITCH		
61	13-1-193823	STUD. COVER		1
62	50600	SCREW, SET 8-32X3/8		1
63	182-2037	STUD. LATERAL		1
64	182-2040	WASHER		
65	182-2038-A	GEAR ASSY., LATERAL ADJ.		1
66	182-2054	PIN		2
67	182-2042	RACK, FRAME LOCK		
6e	48-438-205C	WASHER. LOCK		2
69	48-411-274C	SCREW, 8-32X1/2		2
71	34-7743	SPRING		1
72	182-202-A	LEVER ASSY.. DETENT		
73	850-5019	RING. RETAINING		1
74	182-2018-4	BUSHING		1
75	48-433-194C	SCREW		
76	6400-6080	WASHER		1
77	216-7007	ROLLER, RELEASE CAM		1
78	182-209-4	ARM ASSY., . COMP.		1
79	XM-415	PIN		1
81	182-20707	ROLLER. PL4IN		
82	/82-20706	SCREW 1/4-28 25/32		1
82	03-4632	WASHER, LCCK		1
84	40-1836	NUT. HEX 1/4-28		1
85	182-20705	SPRING		1
86	182-3016	NUT, MASTER CYL. BRG.		1

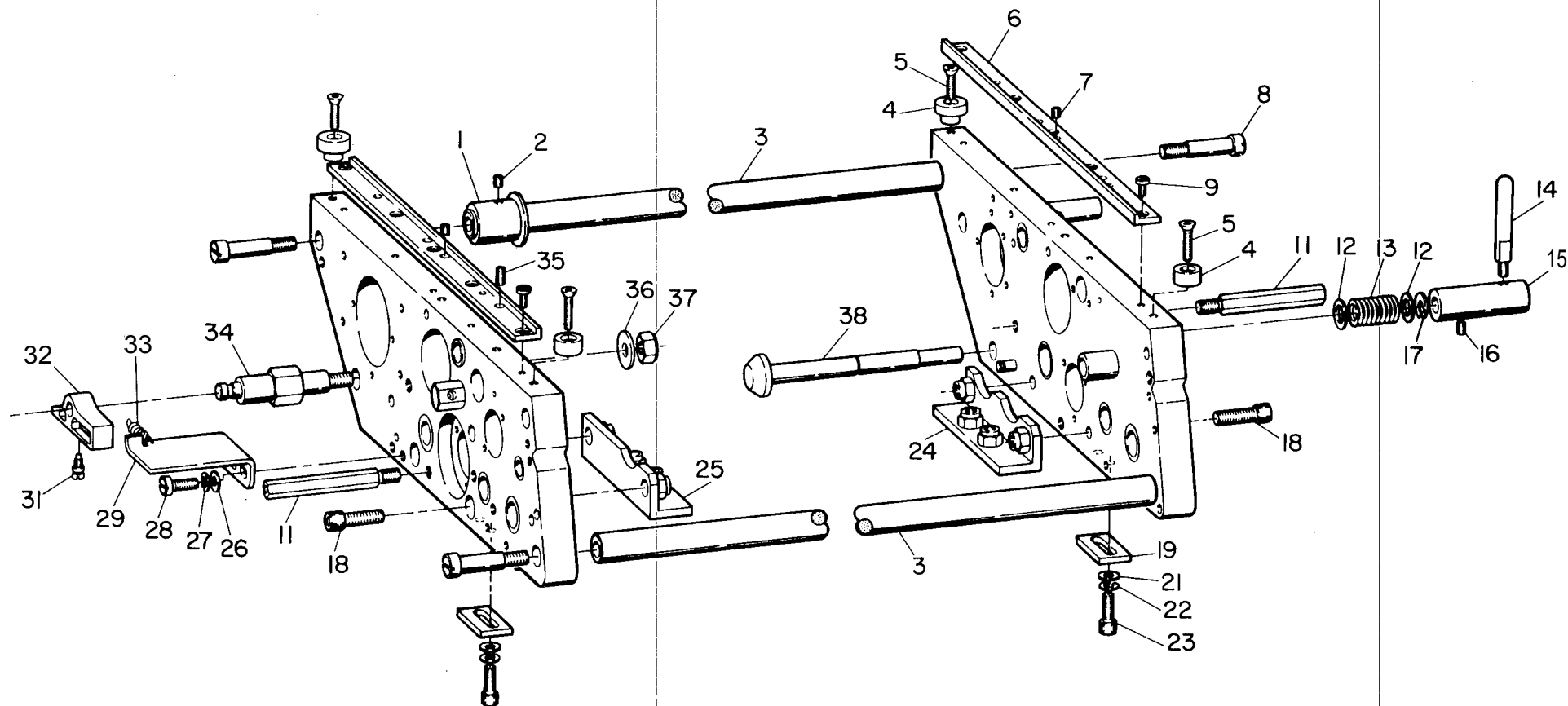
GROUP 70 — Lower Unit - Right



17139C

GROUP 70— Lower Unit - Right

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	137-197703	DRIVE SHAFT 6 CLUTCH ASSY	1
		INCL.. 2.3.	
2	F2-5043	TAPER PIN	1
3	13...10-.1.97696	SHAFT ASSY*, MAIN DRIVE	1
4	27-2125	WASHER	2
5	17-493	WASHER	2
6	13-•8-197702	BUSHING DISC ASSY* 7--9	1
7	/3-8-197678	BUSHING ASSY',	1
8	13-•7-.197695	DISC, CLUTCH DRIVEN	1
9	48-433-3678	SCREW	
11	13-8-197686	DISC. CLUTCH DRIVER	1
12	13-.-6-197704	SPRING	1
13	13-0-197692	KEY	1
14	13-2-197690	SCREW	2
15	310-245	WASHER, SPRING	2
16	438	WASHER	2
17	A25102	PIN	
18	50--1204-1	SCREW	1
19	03-4632	LOCKWASHER	1
21	13...3-178756	HANDWHEEL ASSY',	
22	13-6177250	HANDWHEEL	1
23	13-..2-•190521	INSERT	1
24	135-197689	SCREW	
25	13...9-497693	WHEEL, CLUTCH ENGAGING	
26	13-.4-q97683	COLLAR ASSY4m, DRIVE	1
		INCL. 13	
27	13-1-197691	KEY	
28	1207335	WASHER. RETAINING	



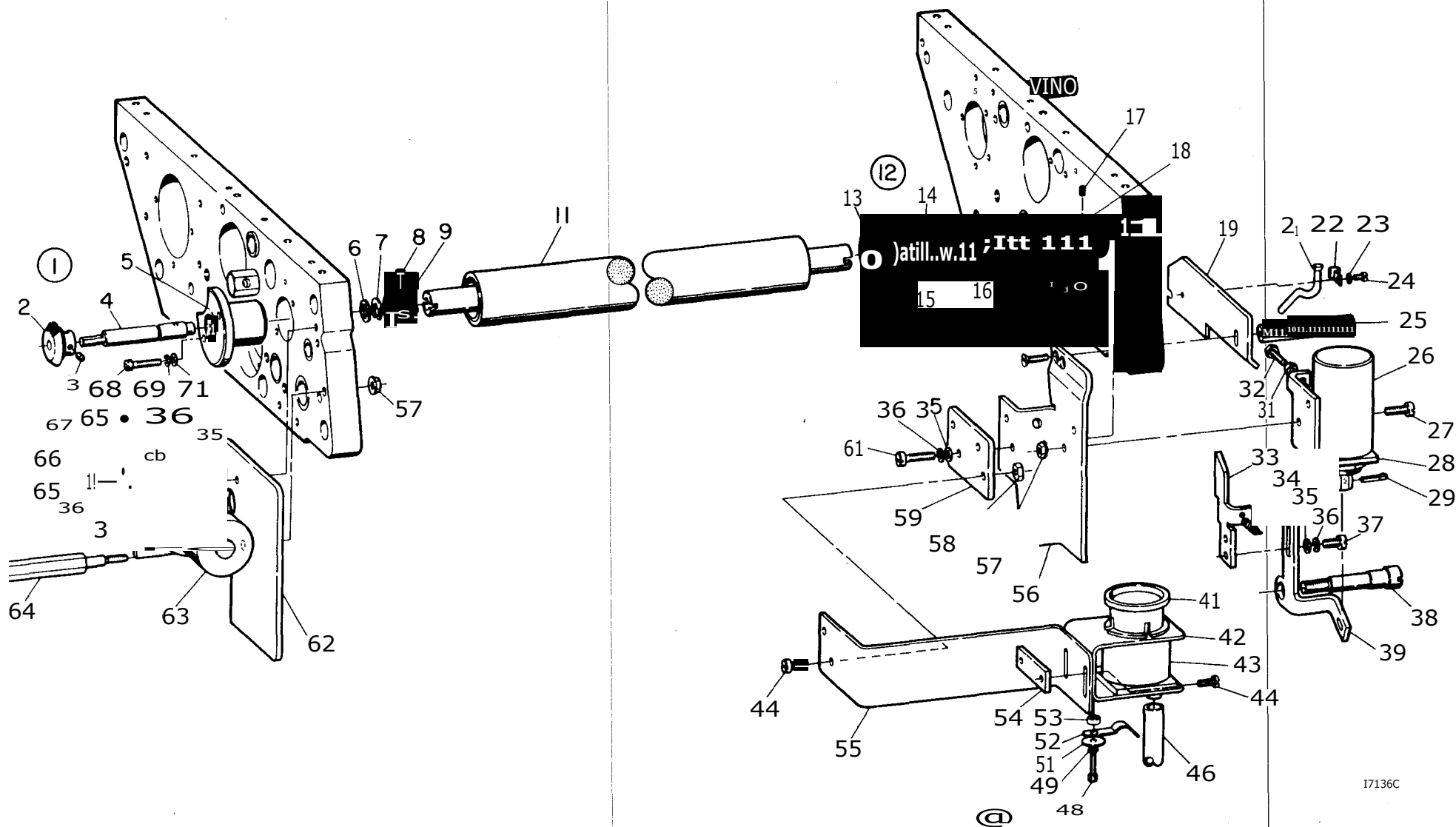
17141C

GROUP 71 — Lower Unit

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	182-2015	COLLAR, GUIDE		
2	71-4006	SET SCREW		
	182-2014	BAR, TIE	2	
4	182-2049	STOP, FRAME REAR	2	
5	182-2053	SCREW, 10-24X3/4	2	
6	182-2047	SLIDE	2	
7	17-57	SCREW, 10-24X3/16	4	
8	296-1636	SCREW	4	
9	182-4084	SCREW	10	
11	13-5-193811	STUD	2	
12	PX-42	WASHER	2	
13	UL G-6214	SPRING		
14	13-4-187541	LEVER		
15	13-2-189804	HUB. WRENCH		
16	71-3C08	SET SCREW 10-32X1/4		
17	50-1535	RING, RETAINING		
te	48-433-492A	SCREW ⁵ / ₁₆ -18X1	4	
19	182-2013	BLOCK, STOP	2	
21	47-8614	WASHER	4	
22	D3-4632	WASHER, LOCK	4	
23	48-433-370C	SCREW, 1/4-20X5/8	4	
24	182-1025-A	ANGLE ASSY, PLATE R.		
25	182-1021-A	ANGLE ASSY, PLATE L.		
26	ARM-758	WASHER	2	
27	48-438-208R	LOCKWASHER	2	
28	48-406-370C	SCREW. 1/4-20X5/8	2	
29	182-2028	BRACKET, STOP		
31	182-2032	SCREW, SPRING & PAWL		
32	182-2031	PAWL, CONTROL SHAFT STOP		
33	930-4872	SPRING		
34	182-2030	STUD, PAWL MTG.		
35	91-21 07	SCREW 10-32X3/8	3	
36	D4-2721	WASHER		
37	185-703	NUT, HEX 5/16-18		
38	13-3-189803	WRENCH. MASTER CYL.		

WSTER

GROUP 71A — Lower Unit (cont.)



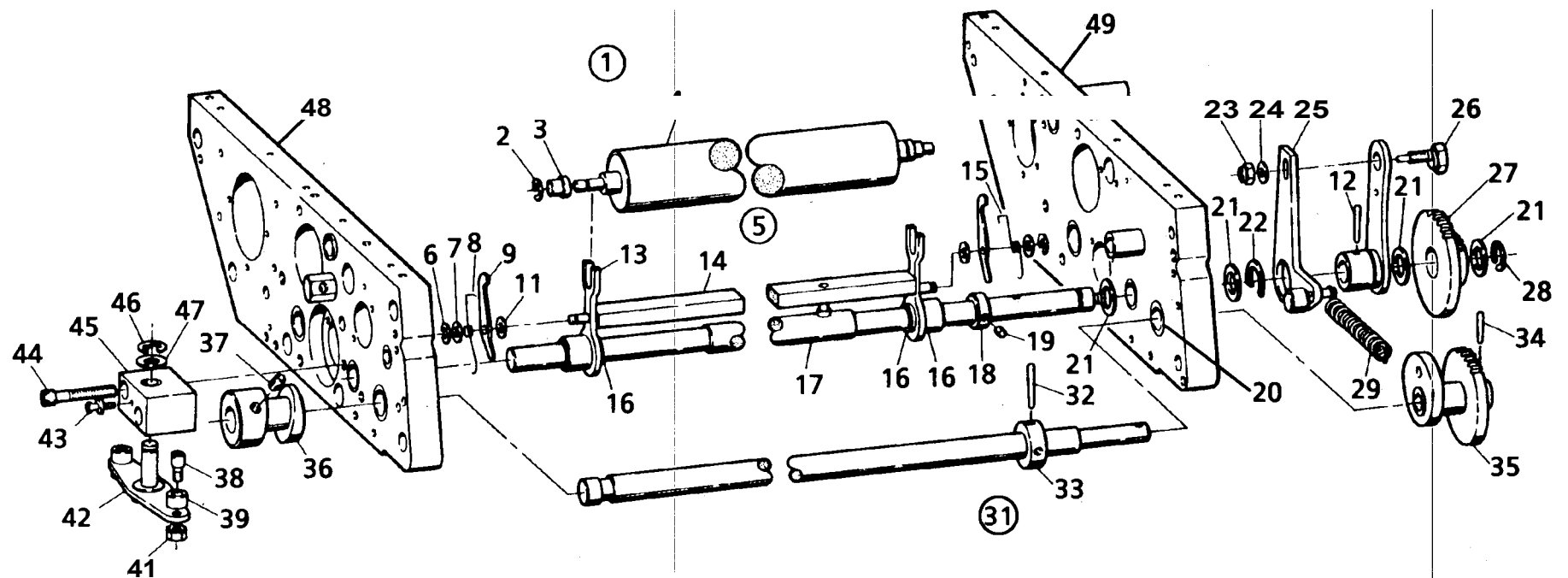
17136C

GROUP 71A — Lower Unit (cont.)

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-5-193803	SHAFT ASSY FIN ROLL DRIVE	1
2	13-1-193799	GEAR	1
3	37-13-10456	SET SCREW	2
4	13-8-193800	SHAFT	1
q	13-6-193802	BUSHING ASSY, '	1
6	501-111	WASHER	1
7	850-2014	E RING	1
8	4-234	SCREW	2
9	296-1686	COLLAR, DRVe	
11	13-9-19379/	ROLL ASSY', FOUNTAIN	1
12	182-2085-4	SHAFT ASSY, ' FTN ROLL R.	1
13	182-20850	CCLLAR	1
14	1822085	SHAFT	1
15	182-2043	PIN, SPIROL	1
16	3A1965..1	SPRING	1
17	680-..3989	SCREW, 6-40X3/16	1
18	182-•2011	BUSHING	1
19	13-..6194404	CAM, SWITCH	1
21	18220402	TUBE, DRIVE SHAFT OIL R.	1
22	99-•224	CLAMP	1
23	48438-..204A	WASHER, LOCK 06	1
24	48425082C	SCREW 6-32X3/1.6	1
25	182-..5000	STUD	1
26	130194426	SOLENOID ASSY	1
27	48419-..2778	SCREW. PAN 10-32X1/2	2
28	1?••1 193807	BRACKET, SOLENOID	1
29	13•••5•..188985	COTTER PIN	1
31	48435031C	NUT. HEX 8-32	1
32	48411404C	SCREW. HEX 8-32X3/4	1
33	133-•193805	PLATE. DUCTOR LATCH	
34	9001609	SPRING	
35	48•..437025C	WASHER, PLAIN 010	5
36	48438-2068	WASHER. LOCK	5
37	48•433.....1978	SCREW. 10-32X3/8	2
38	13-..0193808	SCREW, TIE BAR	1
39	13-2193806	LEVER. DUCTOR SHUT-OFF	

KEY	PART NUMBER	DESCRIPTION	QTY NT
41	13-6173150	NEST, BOTTLE	1
42	13••••7 170478	BKT.◦ RECEPTACLE	1
43	120-3693	RECEPTACLE, BOTTLE VALVE	1
44	6601234	SCREW, 10-32X7/16	4
46	182-5008	HOSE	1
47	13-3-173120	BKT• ASSY., RECEPT	i"
		INCL. 42. 48-53	
48	48-433-2720	SCREW, SOC 6-32X1/2	
49	48-438-204R	WASHER. LOCK	1
51	48-437-021D	WASHER. PLAIN	1
52	13-1-173106	SPRING	1
53	11-4-15C915	SPACER	1
54	50162	NUT	
55	13-2-193814	BRACKET	1
56	13-6-193810	SKI., LATCH MECH.	1
57	50162	NUT, KEPS	2
59	13-2-193822	PLATE, EXT. BOTTLE BKT.	1
61	48-406-406C	SCREW, FIL 10-24X3/4	
62	139-..193809	BKT. • MOTOR	
63	13-3-167825	GEAR MOTOR	1
6 ¹	13-8-168042	MOISTURE MTG. HARNESS	
64	13-5-192811	STUD	
65	48-41/-277C	SCREW, HEX 10-32X1/2	3
66	37-13-1G456	SET SCREW	2
67	13-1-193799	GEAR	
68	48-433-4048	SCREW SOC CAP 8-32X3/4	2
69	48-438-205C	LOCKWASHER	2
71	48-437-023C	WASHER, PLAIN 08	2

GROUP 72- Moisture Ductor Frame Assembly

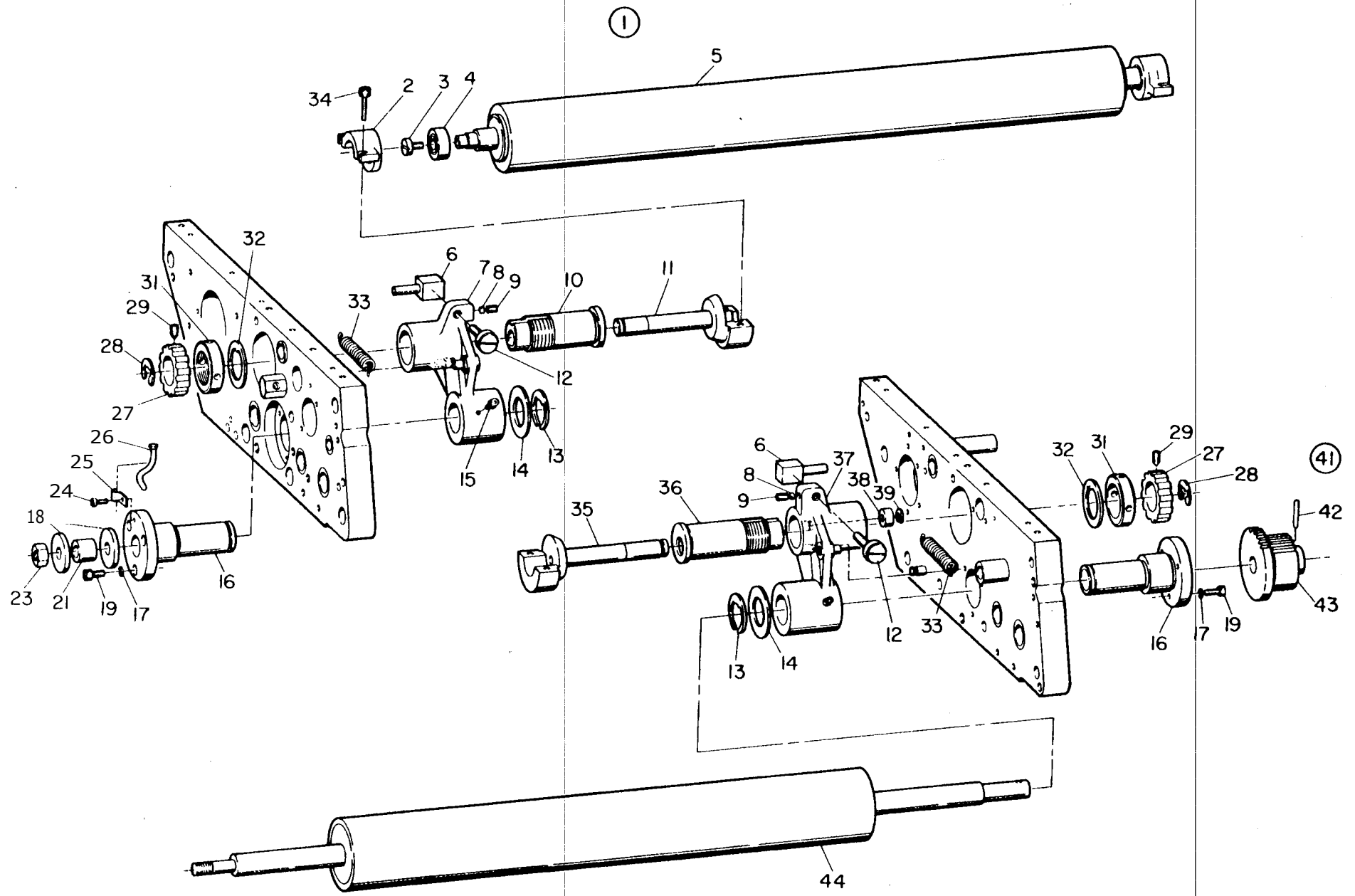


GROUP 72- Moisture Ductor Frame Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-8-193735	MOISTURE DUCTOR ROLL COMP	1
2	10-3002	RING, RETAINING	2
14 3	11-9-154904	BEARING, SHORT	1
	13-6-198652	BEARING, LONG	1
4	13-0-195373	ROLL ASSY. MOISTURE DUCT.	1
5	13-4-194661	SHAFT, REPLEX DUCTOR	1
		INCL. 6-15 17	
6	1720-1031	WASHER, RETAINER	2
7	A7-8614	WASHER	2
8	11-2-154901	SPRING	1
9	13-7-194643	LATCH, DUCTOR ROLL	2
11	48-437-0260	WASHER	2
12	EF-3500	PIN	2
13	13-0-194640	ARM ASSY., DUCTOR	2
14	13-5-194652	BAR, EQUALIZER DUCTOR	1
15	11-1-154902	SPRING	1
16	185-3715	RING, RETAINING	4
17	13-3-194662	SHAFT ASSY.	1
18	182-2077	COLLAR	1
19	976-1250	SET SCREW	1
20	182-2000	BUSHING	1
21	182-2065	WASHER	4
22	50-2743	RETAINING RING	1
23	190-3091	NUT, HEX	1
24	ARM-758	WASHER	1
25	13-4-193796	ARM ASSY.	1
26	13-8-193792	SCREW	1
27	182-2080-A	GEAR ASSY., REPELEX IDLER	1
28	185-3715	RETAINING RING	1
29	29-2182	SPRING	1
31	182-2081-A	SHAFT ASSY., REPELEX CAM	1
32	OG-318	PIN	1
33	120-2936	COLLAR	1
34	10810	PIN	1
35	182-20810	CAM ASSY.	1
36	13-6-193836	CAM ASSY.	1
37	120-5329	SET SCREW	2
38	185-3617	SCREW, CAM ROLLER	2
39	185-3616	ROLLER, PLAIN	2
41	190-102	NUT, KEPS	2
42	182-2096-A	LEVER ASSY. ROCKER	1
43	182-2025	FITTING, GREASE	1
44	48-433-610C	SCREW	2
45	182-2094-A	BLOCK ASSY, ROCKER	1
46	850-2014	WASHER, RET.	1
47	195-6064	WASHER	1
48	13-0-189806	FRAME ASSY, R.	
49	13-1-189805	FRAME ASSY. L.	

Indicates Change

GROUP 73 — Moisture Rollers



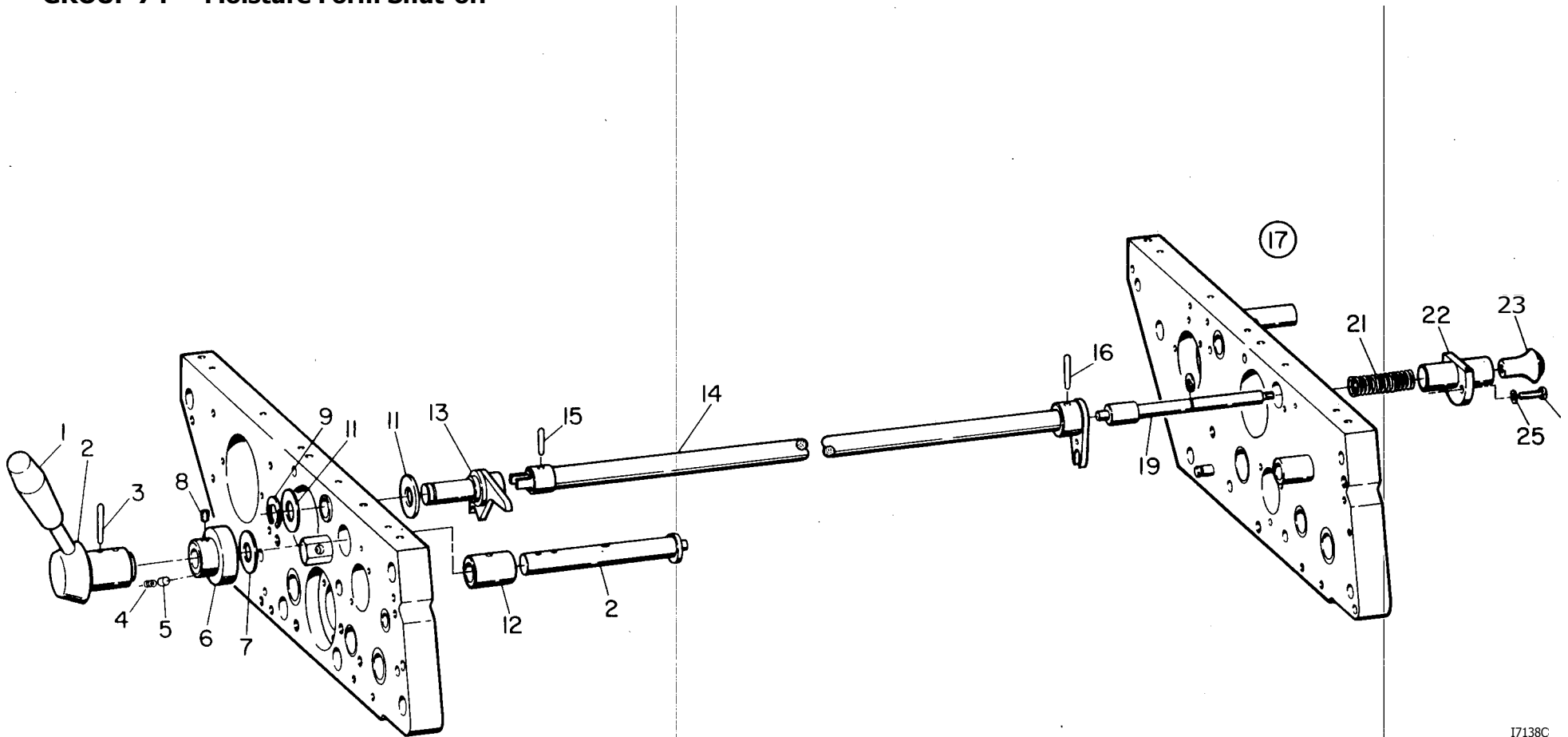
GROUP 73- Moisture Rollers

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	83-1-104419	MOIST. FORM ROLL 3M 1-4	1
-2	182-20803	CAP, BEARING MTG.	2
3	11-74112	SCREW	2
-4	182-20804	BEARING	2
5	83-3-105216	SHRINK ON ROLL	1
6	182-20752	BLOCK, STOP	1
7	182-207-A	ARM ASSY., THROW OFF	1
8	120-9863	PIN	1
9	71-4006	SET SCREW	1
10	182-2061	SLEEVE, ECC.	1
11	182-2063	MTG. FORM ROLL BRG.	1
12	182-2070	SCREW, 1/4-28X1	1
13	307327	RING, RETAINING	1
14	182-2057	WASHER	1
15	182-2025	GREASE FITTING	1
16	182-2056	BUSHING	2
17	48-438-205C	LOCKWASHER	3
18	185-3653	WASHER	2
19	48-433-194C	SCREW	3
21	185-3654	BUSHING	1
23	185-3655	NUT	1
24	48-406-150C	SCREW	1
25	99-224	CLAMP, SPRING	1
26	182-20401	TUBE, OIL	1
27	182-2067	KNOB, FORM ROLL	1
28	182-2068	E RING	1
29	91-2107	SCREW, 10-32X ³ / ₈	1
31	182-2066	NUT	2
32	182-2060	WASHER	2
33	182-20806	SPRING	1
x 34	182-20805	SCREW	4
35	182-2064	MTG. FORM ROLL BRG. R.	1
36	182-2062	SLEEVE, FORM ECC. R.	1
37	182-206-A	HOLDER ASSY., R.	1
38	XM-3053	ROLLER	1
39	10-3002	C WASHER	1
41	182-205-A2	ROLL & GEAR ASSY.	1
42	720-2801	PIN	1
43	182-2050	GEAR	1
44	182-205-A1	ROLL, GROOVED	1

*

Indicates Change

GROUP 74 — Moisture Form Shut-off



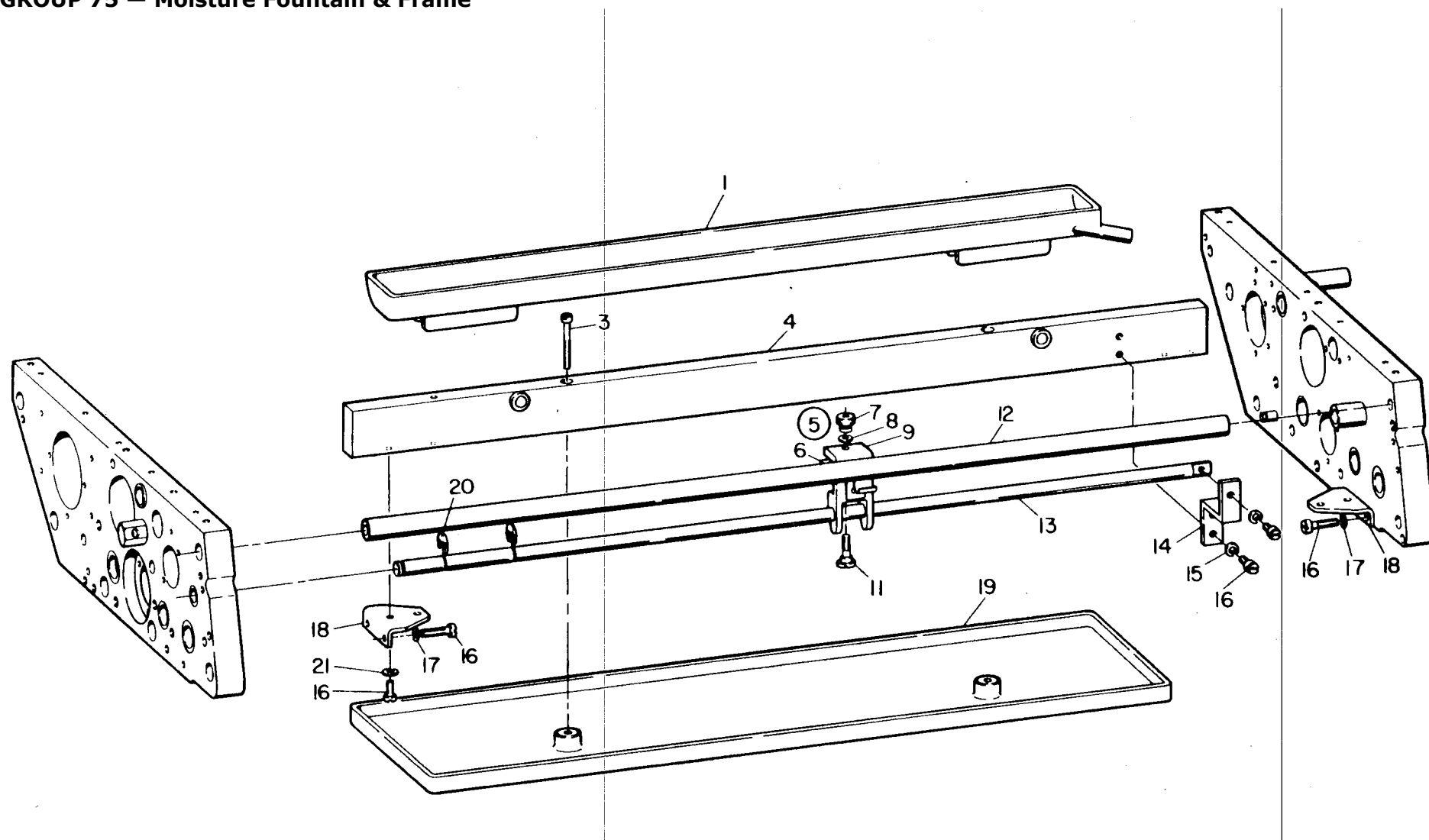
I7138C

GROUP 74- Moisture Form Shut-off

	KEY	PART NUMBER	DESCRIPTION	QTY NT
	1	13-3-189662	HANDLE ASSY.	1
	2	182-2071-A1	SHAFT ASSY., THROW OFF	1
	3	EF-4200	PIN	2
	4	ARM-882	SPRING	1
	5	182-20714	PIN, DETENT	1
	6	182-20713	RATCHET, FORM ROLL	1
	7	195-6010	WASHER	1
	8	17-57	SCREW, 10-24x3/16	1
	9	850-5009	RING, RETAINING	1
	11	OG-220	WASHER	2
	12	182-20712	BUSHING	1
	13	182-2074-A	ARM ASSY., THROW OFF L.	1
	14	182-2073-A	SHAFT ASSY., REPELEX TRIP	1
	15	27-7405	PIN	1
	16	EF-4200	PIN	1
	17	182-2075-A	KNOB ASSY., TRIP SHAFT	1
	18	6400-6080	RING, RETAINING	1
	19	182-20750-A	PIN ASSY.	1
	21	120-3679	SPRING	1
	22	182-20751	BUSHING	1
	23	193-9316	KNOB	1
N	24	48-406-274C	SCREW	2
	25	48-438-205C	WASHER, LOCK	2
	*			

Indicates Change

GROUP 75 — Moisture Fountain & Frame

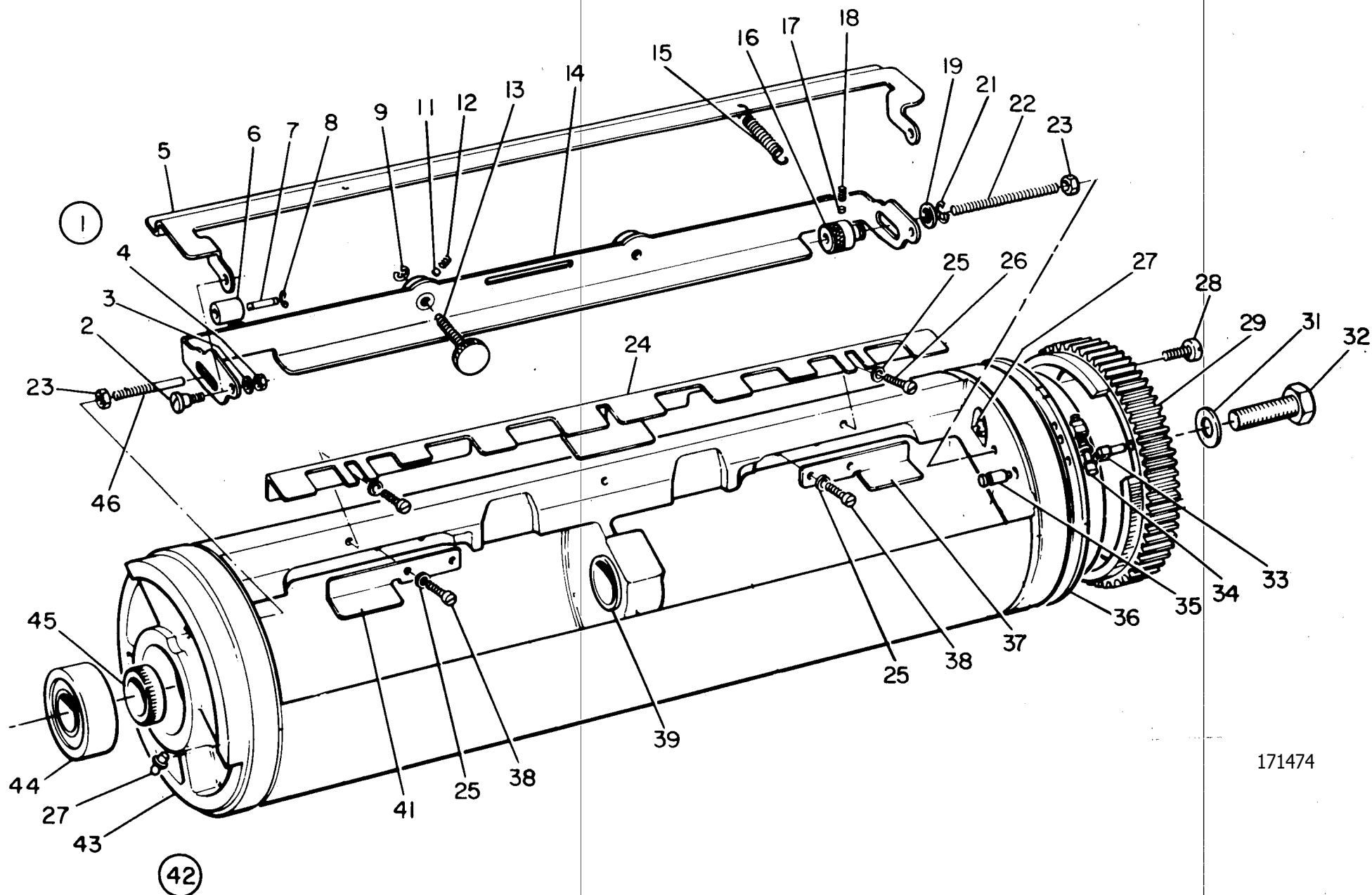


17131C

GROUP 75 — Moisture Fountain & Frame

KEY	PART NUMBER	DESCR I PT ION	CITY NT
1	182-20905	FOUNTAIN	1
1	182-5008	HOSE	1
3	48-406-564C	SCREW FIL • 8-32X1 1/4	2
4	182-20902—A	BAR ASSY • . FOUNTAIN TIE	
5	/82-2090—A	HOLDER ASSY • WIPER 6-11	12
6	120-2110	WIPER	1
7	110-1034	NUT, 10-32	1
8	48-438-206R	WASHER, LOCK 110	1
9	182-2090-	HOLDER	1
11	3490-1202	SCREW	
12	182-2016	BAR • TIE	
13	182-2088	ROD, WIPER SUPPORT	
14	182-2089	BKT • ROD MTG •	1
15	60-158	LOCKWASHER	
16	48-406-196C	SCREW	11
17	48-438-206R	WASHER. LOCK 010	4
18	182-20904	EMT. 9 FOUNTAIN BAR NIG',	2
19	182-20907	PAN, FOUNTAIN	
20	850-2014	WASHER. RETAINING RING	
21	48-438-2068	WASHER, LOCK	4
22	29-5031	SCREW	2
27	ULG-60 11.	LOCK WASHER	2

GROUP 76 — Plate Cylinder



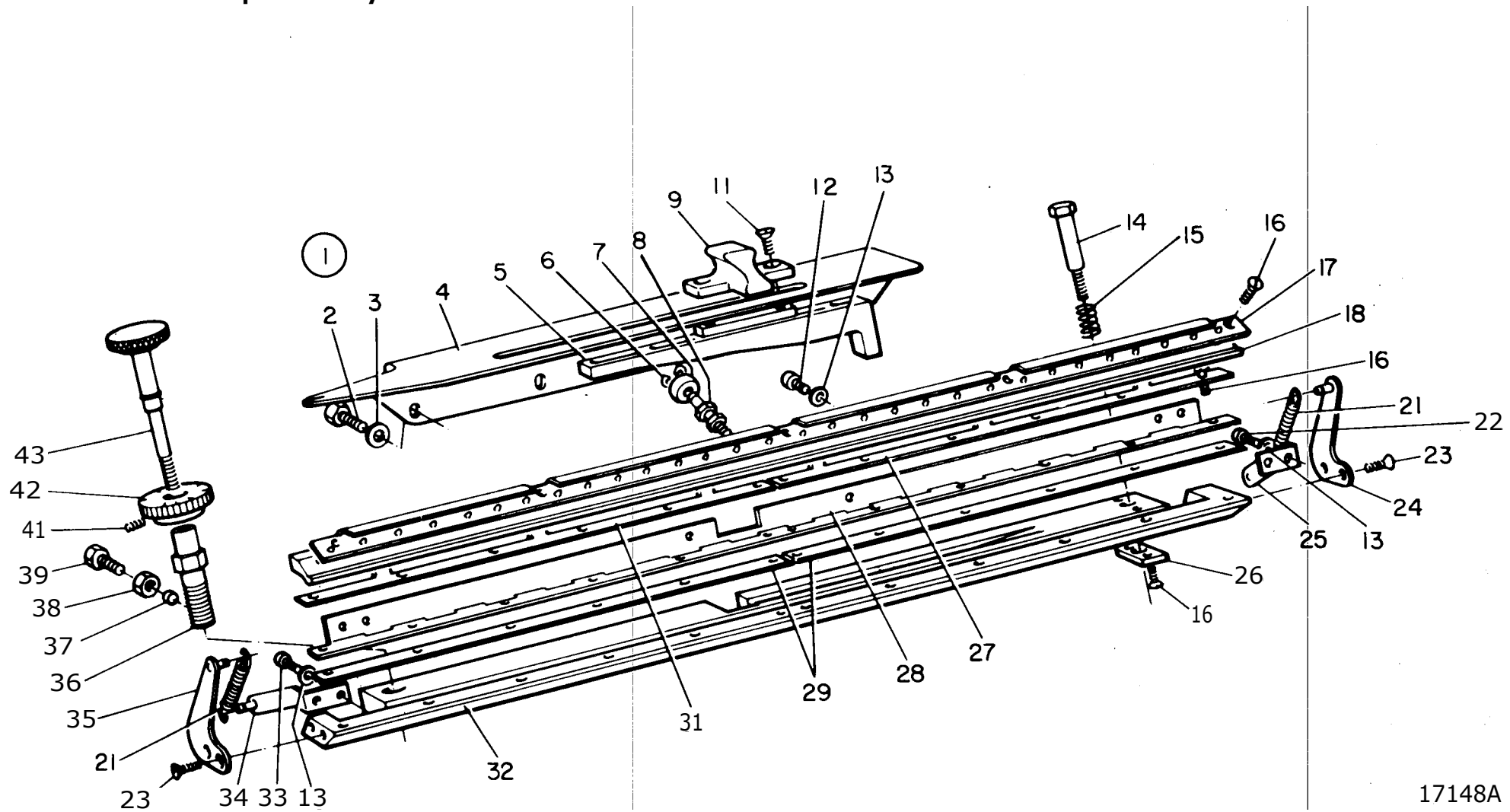
171474

GROUP 76 — Plate Cylinder

KEY	PART NUMBER	DESCRIPTION	CITY NT
	13..1...182966	MASTER CYLINDER ASSY.	1
1	1853476-41	CLAMP ASSY. TRAIL. 2-14	1
2	190-5008	SCREW. 10-...32X3/8	2
3	48-•438-...206R	LOCKWASHER	2
4	XM-875	NUT	2
5	1853476.•A	CLAMP	
6	1853484	ROLLER	1
7	185...3485	PLUG	2
8	7008006	WASHER. C	4
9	1937-3734	WASHER. C	2
11	120-9863	PLUG	2
12	27503753	SCREW. 10-...32X3/16	2
13	185-3481*A	ADJUSTING SCREW	2
14	1853478-A	BRACKET ASSY.	
15	185-3486	SPRING	
16	185...3487	BUSHING	1
17	120-9863	PLUG	
18	ARM-9521	SET SCREW	
19	OG-401	WASHER	1
21	850.*2014	WASHER. C	1
22	1853488	SCREW. 1/4-20X2 5/16	1
23	48-435.-043D	NUT	2
24	185-3490	ANVIL	1
25	48438-206R	LOCKWASHER	7

KEY	PART NUMBER	DESCRIPTION	CITY NT
26	48*.419*.277C	SCREW 1032X1/2	
27	86439	GREASE FITTING	2
28	120-3453	SCREW. 1/4-20X15/32	
29	1823000	GEAR	
31	12034506	WASHER	
32	120-34505	SCREW, 1/4-20X3/4	1
33	185-34503	YOKE. MICRO ADJ.	
34	185-34504-*A	SCREW ASSY.	1
35	185-34501	PIN	1
36	185-34502	INTERPOSER RING	
37	185-3474	GUIDE. Rip	1
38	48-406-237C	SCREW. 10-32X7/16	4
39	185-3202	BUSHING	1
41	185-3475	GUIDE. Le	1
42	13-•3-190447	CYLINDER ASSY.. MASTER INCL. 27. 39. 43-45	
43	13-4190446	CYLINDER	1
44	185-3204	BALL BEARING	
45	185-3203	BUSHING	2
46	1853489	SCREW. 1/420X1 ³ / ₄	

GROUP 77— Clamp Assembly

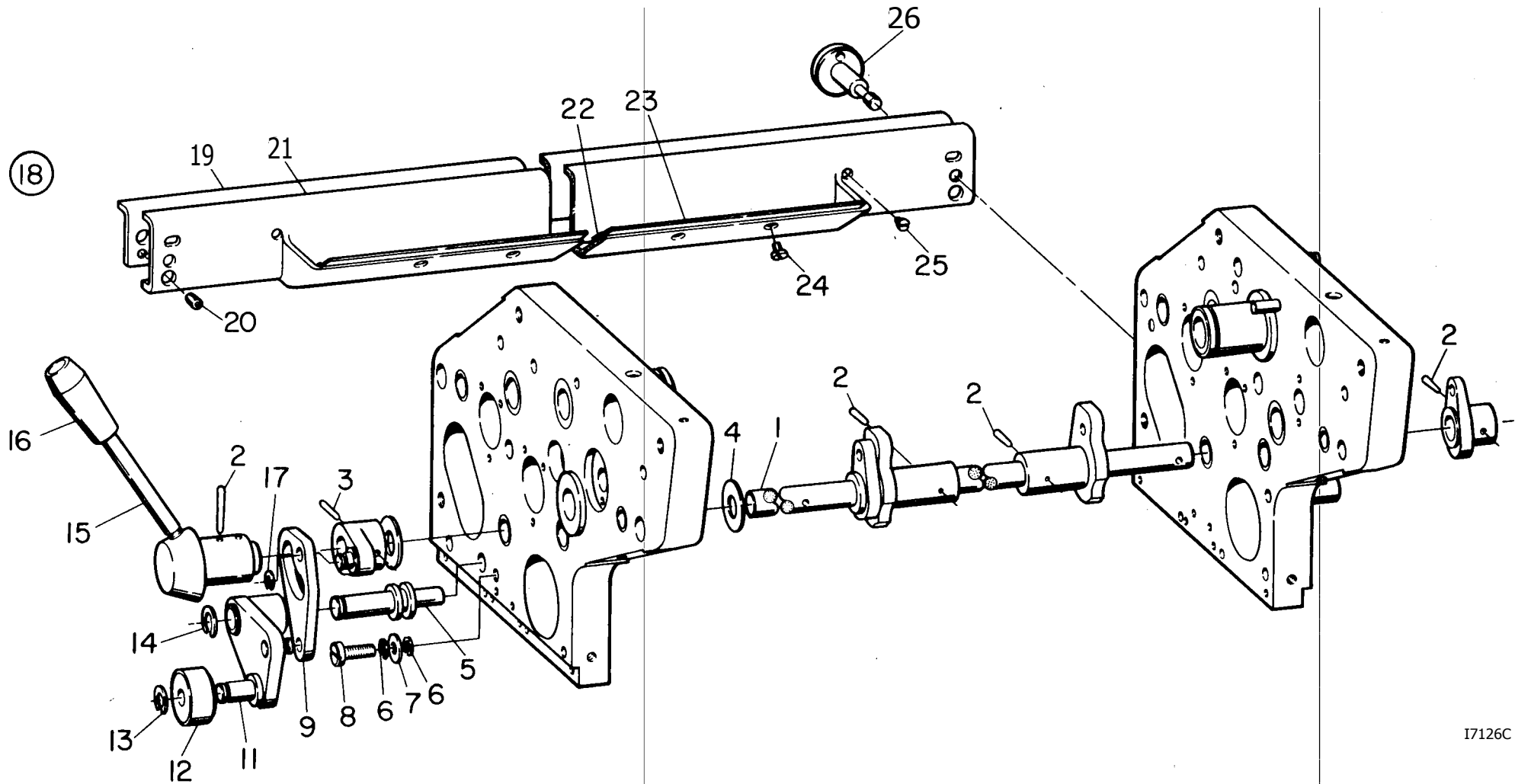


17148A

GROUP 77— Clamp Assembly

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	133-190355	CLAMP ASSY., LEAD*	1
2	8150...433	SCREW, 1/4-..28X1/2	4
3	03-4632	WASHER	4
4	1853465	BRACKET. CAM OPERATING	1
5	185-3466	CAM, LEAD CLAMP* OPER*	1
6	700-8006	E RING	• 1
7	02-.25134	ROLLER	1
8	185-3457	STUD	1
9	185-3467	KNOB, LEAD EDGE CLAMP	1
1.1	48-409..-277C	SCREW, LEAD EDGE CLAMP	2
12	1278-1318-1	SCREW, CLAMP MTG.	2
13	48-438-206R	LOCKWASHER	6
14	185-3473	SCREW 1/420X1/2	1
15	302881	SPRING	1
16	120.-.4501	SCREW. 8-.-32X11/32	5
17	185:-3461A	BAR ASSY, LEAD END PIN	1
18	13--5184745	CLAMP	1
21	13-•1...-184731	SPRING	2
22	48-411-367D	SCREW. 1032X5/8	
23	19291	SCREW. 10....32X13/32	4
24	185-3463-A	8KTe ASSY''' SPRING Re	1
25	185-34604	81(10 ASSY* SPRING Re	1
26	1853464	SPACER	/
27	185-..3455	STOP. Re	1
28	1853453	HINGE	1
29	13-2184730	ANVIL	2
31	185-3454	STOP. Le	1
32	1853451	BAR	1
33	48433277D	SCREW, SOC CAP 1032X1/2	2
34	13...13-190350	8KTe ASSY*. SPRING Le	1
35	13-.-5-190353	8KT* ASSY*. SPRING Ls	/
36	185-.3468	ADJUSTING SCREW	1
37	185-6006	PLUG	1
38	48-436-050C	NUT, HEX 5/16	1
39	48-411283C	SCREW, 5/16-.24X1/2	1
41	1853470	SET SCREW	1
42	185-3469	KNOB. LEAD CLAMP ADJ. SCR	1
43	185-3471-A	SCREW ASSY*	

GROUP 78 — Ink Form Roll & Cleanup Attachment

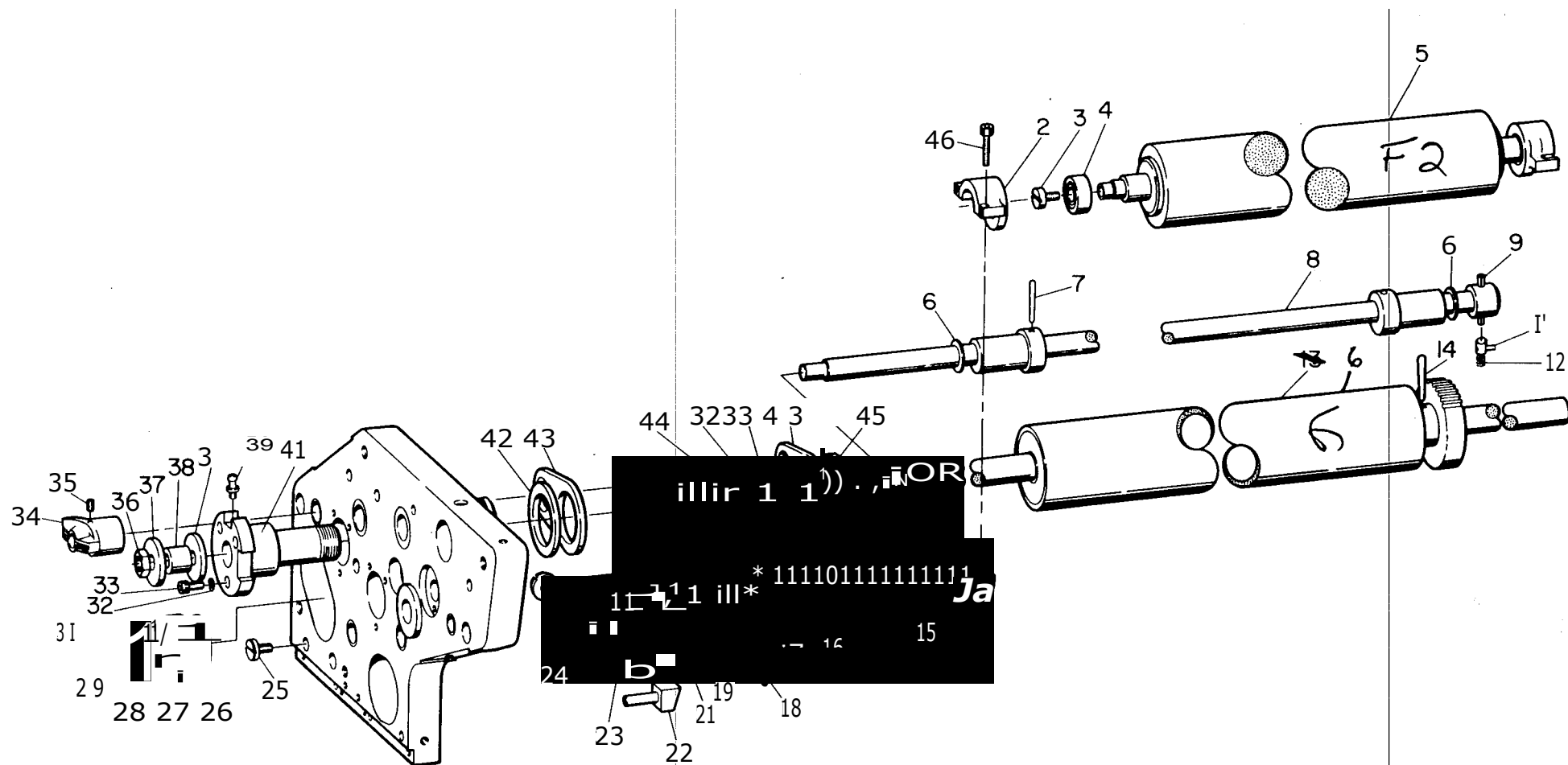


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GROUP 78 — Ink Form Roll & Cleanup Attachment

KEY	PART NUMBER	DESCRIPTION	QT Y NT
/	182-4031-A	SHAFT ASSY** INK TRIP CAM 2...3	
2	EF-4200	PIN	
3	KM-.415	PIN	
4	190-6010	WASHER	2
5	182-4076	PIN. CAM FOLLOWER	
6	48-438-208R	LOC KW ASHER	2
7	182-1007	WASHER. ECC CLAMP	1
8	48-406-370C	SCREW	1
9	182-4075	LINK. TRIP CAM	1
11	1824078-A	ARM ASSY* CAM FOLLOWER	
12	182-4079	ROLLER	
13	850-2014	WASHER	
14	50-1535	E RING	1
15	182-4032	STUD* TRIP CAM	1
16	13-6-189461	HANDLE. TRIP CAM	1
17	6400-6080	WASHER	1
18	13-1-194367	TROUGH ASSY** INK CLEANUP	1
19	13-3-182444	BRACKET • SUPPORT	1
20	13-2-182445	SET SCREW	2
21	182-1100	TROUGH	1
22	13-3-194365	SUPPORT	
23	13-7-194361	BLADE	
24	2940-1806	SCREW	11
25	48-425-1570	SCREW • TRUSS	4
26	13-6-182441	KNOB	2

GROUP 79 — Upper Unit, Left (XE)

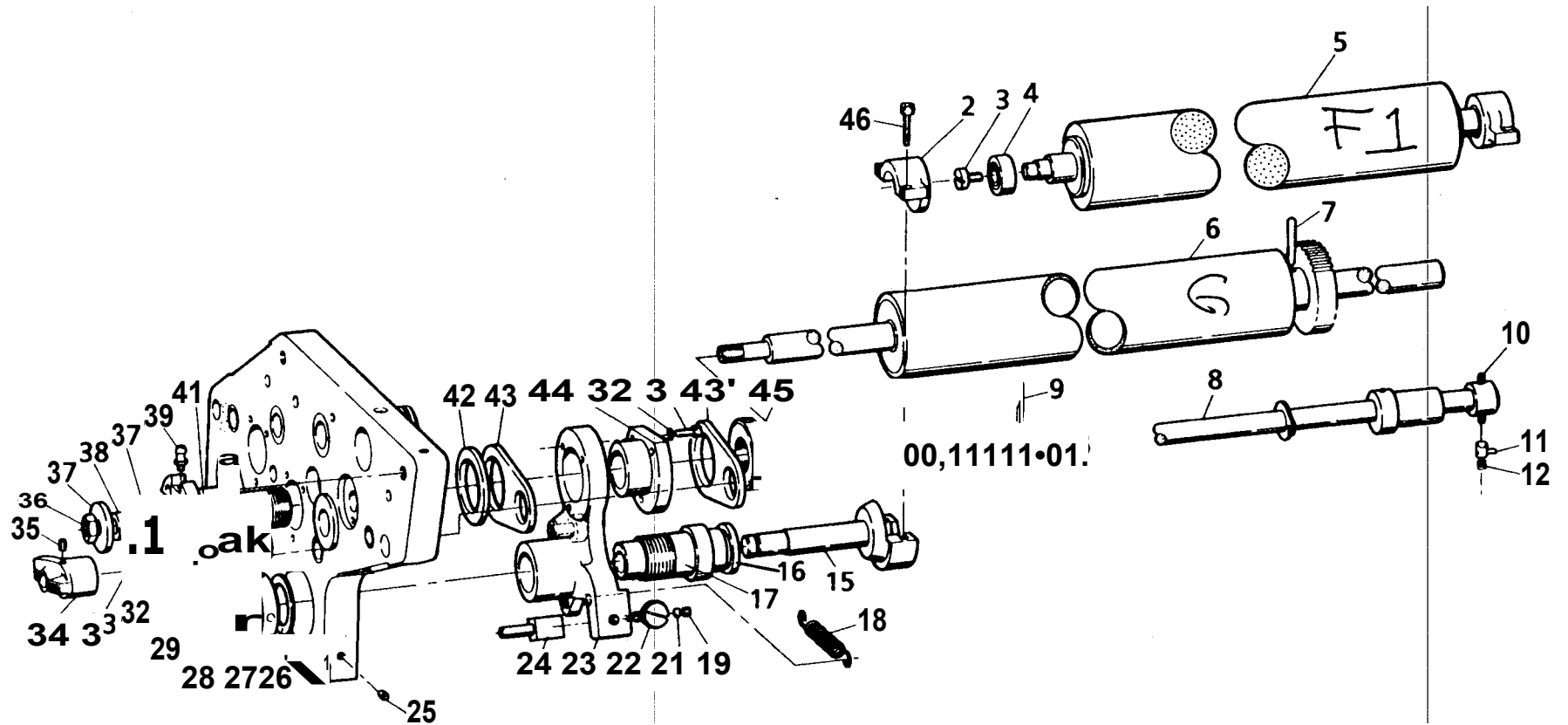


17128C

GROUP 79 — Upper Unit, Left (XE)

KEY	PART NUMBER	DESCRIPTION	QTY	NT	KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	182-4081-11	ROLL ASSY.. INK FCRM			24	182-20752	BLOCK, STCP	2	
2	182-20803	CAP. BEARING MTG.	2		25	17-57	SCREW. SET 1024X3/16		
3	11 74112	SCREW. 1032X3/8	2		26	182-2060	WASHER, KEY LOCK	2	
4	182-20804	BEARING	2		27	182-2066	NUT. LOCK	2	
5	1824081-A	ROLL ASSY.			28	182-2057	KNOB, ECG.	2	
6	1824034-A1	ROLL ASSY., INK VIBRATOR	1		29	182-2068	E RING	2	
7	(1)0...318	PIN	1		31	91-2107	SET SCREW 10-32X3/8	2	
	KM-415	PIN			32	48-438-205C	WASHER, LCCK LIGHT #8		
9	/82-4041..-A	SHAFT ASSY NITE LATCH #1	1		33	48-433-194C	SCREW	3	
11	18240402	PIN	1		34	120-363	KNOB, CONTROL	1	
12	182-40424	SNUBBER			35	71-3008	SCREW		
13	CC-1019	SPRING, SNUBBER			36	185-3655	NUT, HEX EL. STOP 3/8-24	1	
14	830-.5068	ANCHOR, OUCTOR OP. SPRING			37	185-3653	WASHER	2	
15	1822063	MTG. FORM ROLL ERG. L.			38	18E-3654	BUSHING		
	182-2064	MTG. FORM ROLL BRG. R.			39	182-2025	GREASE FITTING, RT. ONLY	1	
16	1824085	SPRING	2		41	182-407	BUSHING ASSY. Ls		
17	1824053	COLLAR, RIGHT SIDE ONLY	1			182-406-A	BUSHING ASSY. R.		
18	1822061	SLEEVE, FCRM ECC. L.			42	182-4011	WASHER	1	
	182-2062	SLEEVE. FORM ECC• R.	1		43	182-4010	LINK, NITE LATCH	4	
19	ARM-9521	SET SCREW			44	182-4018	BUSHING, FORM ROLL L.	1	
21	120-9863	PIN	1			182-4020	BUSHING, FORM ROLL Rs	1	
22	182-2059	SCREW	2		45	182-4013	NUT LOCK	2	
23	182...4016-A	HOLDER, FORM ROLL L.	1		46	182-20805	SCREW	2	
	1824015-A	HOLDER, FORM ROLL R.	1						

GROUP 80 - Upper Unit, Left (MC)

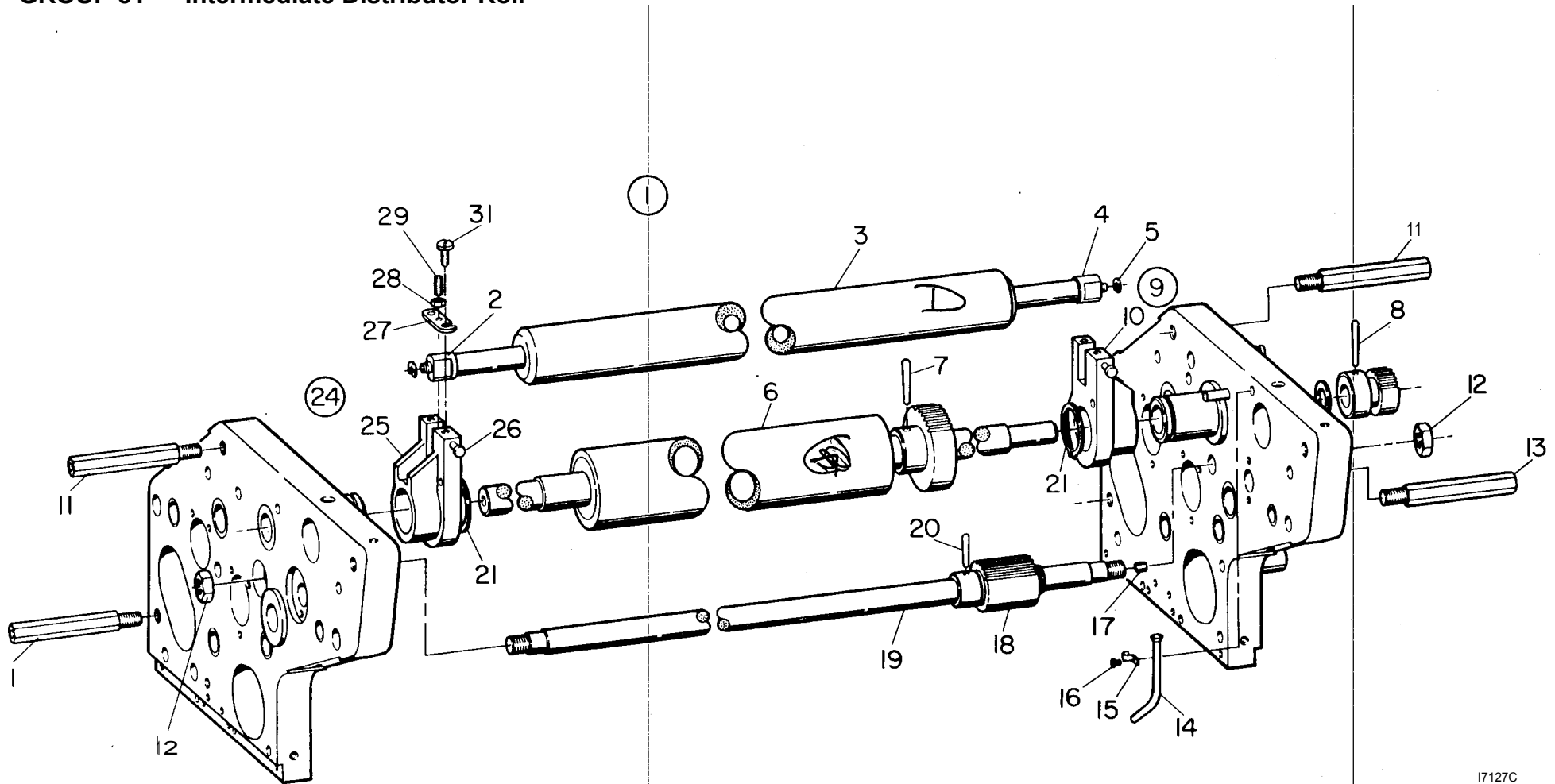


GROUP 80- Upper Unit, Left (MC)

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	182-4082-A1	ROLL ASSY., FORM	1
2	182-20803	CAP, BEARING MTG.	2
3	11-74112	SCREW, 10-32X3/8	2
4	182-20804	BEARING	2
5	182-4082-A	ROLL ASSY.	1
* 6	182-4034-A1	ROLL ASSY INK VIBRATOR	1
* 7	0G-318	TAPER PIN	1
8	13-2-194366	SHAFT ASSY, NITE LATCH *2	1
* 9	XM-415	PIN	1
* 10	182-40402	PIN, SPIROL	1
11	182-4042-A	SNUBBER	1
12	CC-1019	SPRING, SNUBBER	1
14	0G-318	PIN	1
15	182-2063	MTG., FORM ROLL BRG. L	1
	182-2064	MTG., FORM ROLL BRG. R.	1
16	182-4083	COLLAR, RIGHT SIDE ONLY	1
17	182-2061	SLEEVE, FORM ECC. L	1
	182-2062	SLEEVE, FORM ECC. R	1
18	182-4085	SPRING	2
19	ARM-9521	SET SCREW	1
21	120-9863	PIN	1
22	182-4080	BLOCK, STOP BEVELED	1
23	182-4012-A	HOLDER 2ND FORM ROLL L.	1
	182-4014-A	HOLDER 2ND FORM ROLL R.	1
24	182-2059	SCREW	2
25	11-74112	SCREW, 10-32X3/8	2
26	182-2060	WASHER, KEY LOCK	2
27	182-2066	NUT, LOCK	2
28	182-2067	KNOB, ECC.	2
29	182-2068	E RING	2
31	91-2107	SET SCREW 10-32X3/8	2
32	48-438-205C	WASHER, LOCK *8 LIGHT	3
33	48-433-194C	SCREW	3
34	120-363	KNOB, CONTROL	1
35	71-3008	SCREW	1
36	185-3655	NUT, HEX EL. STOP $\frac{3}{8}$ -24	1
37	185-3653	WASHER	2
38	185-3654	BUSHING	1
39	182-2025	GREASE FITTING, RT. ONLY	1
41	182-408-A	BUSHING ASSY. L.	1
	182-406-A	BUSHING ASSY. R.	1
42	182-4011	WASHER, LINK SPACER	2
43	182-4010	LINK, MITE LATCH	4
44	182-4017	BUSHING, FORM ROLL	2
45	182-4013	NUT, LOCK	2
* 46	182-20805	SCREW	2

Indicates Change

GROUP 81 — Intermediate Distributor Roll

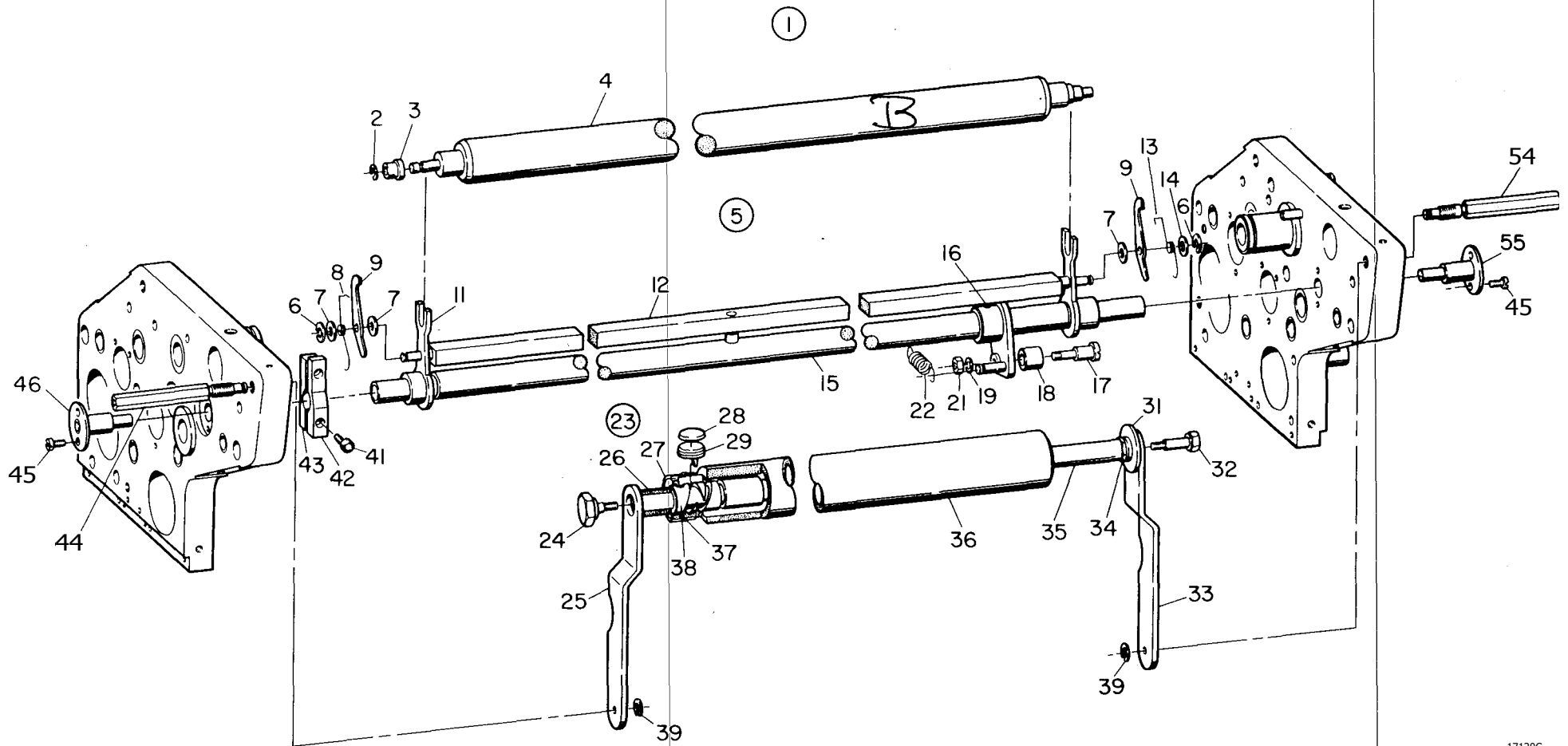


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GROUP 81 — Intermediate Distributor Roll

KEY	PART NUMBER	DESCR I P T I O N	G T Y N T
1	1 92-4 068-41	ROLL ASSY. INTER. COMP	1
2	78-40	BEARING	
3	182-4068-4	ROLL ASSY.	1
4	182-40680	BEARING, R.	1
5	700-8006	*ASHER	2
6	1 82-4046-AI	ROLL ASSY 1ST DIST. (7-8)	1
7	OG- 318	PIN	1
8	EF-3500	P IN	1
9	Le 2- 40 23- A	BKT ASSY. INT. SWING	1
10	182-4023	BRACKET	1
11	182-5000	STUD	4
12	185-3655	NUT	1
13	11-2-150396	STUD	2
14	182-4045	TUBE, IDLER GEAR OIL	1
15	99-224	CLAMP, SPRING	1
16	6400-1335	SCREW, CLAMP	
17	50602	SCREW 10-32X3/16	1
1	182-4044-A	GEAR ASSY., IDLER	
19	182-4043-4	SHAFT ASSY., IDLER GEAR	1
		INCL. 17, 19, 20	
20	OG-501	PIN	1
21	1E2-3013	RING, RETAINING	2
24	182-4024-4	EMT ASSY INT SWING L.	
25	182-4024	BRACKET	1
26	182-40230	PIN, LATCH	1
27	13-1-181950	HOLDER	
28	700-9272	NUT	
29	HG-759	SCREW 8-32X3/8	1
31	48-403-194D	SCREW 8-32X3/8	2

GROUP 82 — Ink Ductor



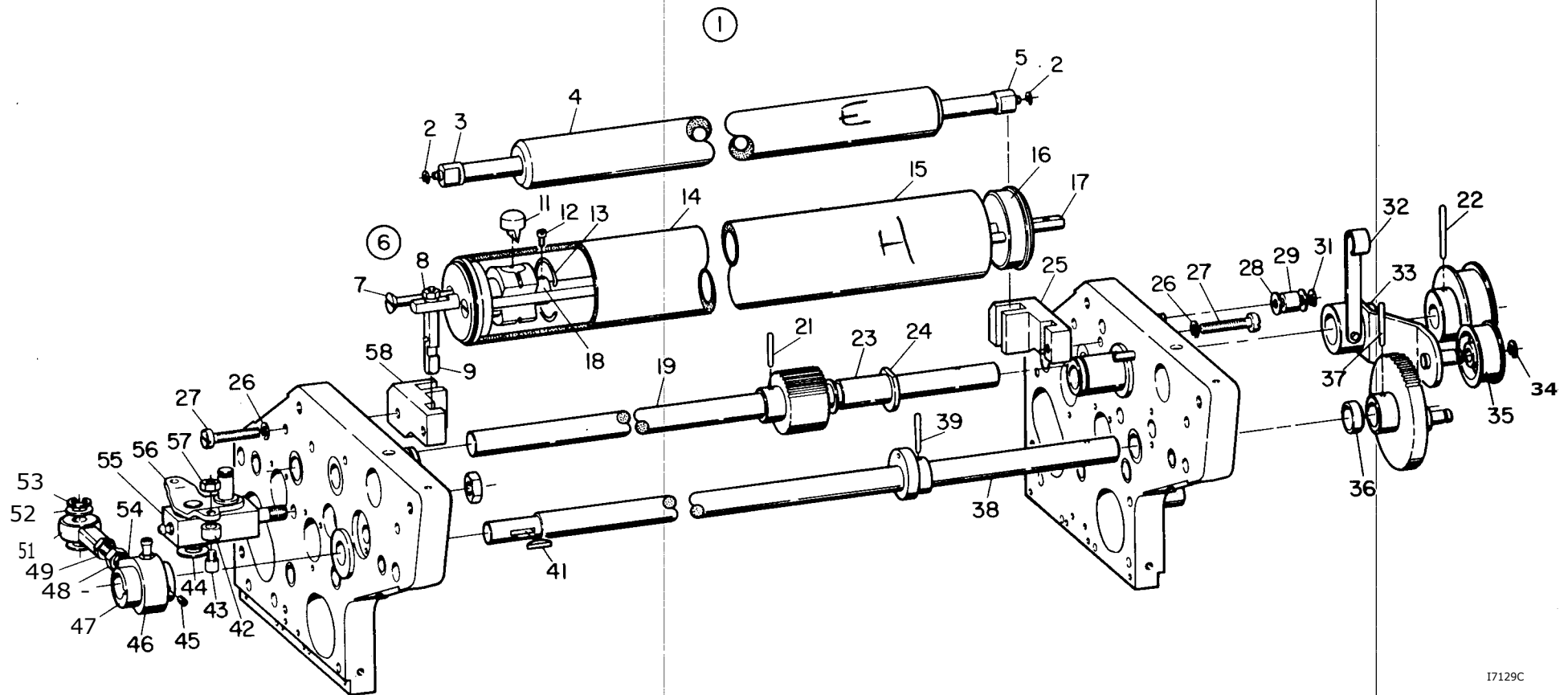
17130C

GROUP 82 — Ink Ductor

KEY	PART NUMBER	DESCRIPTION	QTY	NT
	13...0-..194665	ROLL ASSY** DUCTOR	2	
2	10....3002	RING* RETAINING	2	
3	11-9-154904	BEARING	2	
4	185-..3633.-A	ROLL ASSY* (61 211	1	
5	13-•5194645	SHAFT ASSY** DUCTOR OP.	1	
6	1720.-.1031	WASHER* C	2	
7	48437-.0260	WASHER* PLAIN	4	
8	111. •.154902	SPRING	1	
9	13-7-194643	LATCH* DUCTOR	2	
11	13-..0-194640	ARM ASSY* * DUCTOR	2	
12	132-194648	BAR ASSY** EQUALIZER	1	
13	11-2154901	SPRING	1	
14	47 -8614	WASHER	2	
/5	13-4-194646	SHAFT ASSY* (INCL. 16)	1	
16	F2-5043	PIN* TAPER	1	
17	13•.5.-182236	SCREW, ECCE	1	
18	13-•2-182239	BEARING ASSYo		
19	48-438...206R	WASHER* LOCK 010	1	
21	43...435-036C	NUT* 1032	1	
22	KW-195	SPRING		
23	11-3-350/51	AUX*, OSCo ROLL ASSY* COMP	1	
24	11...4-.450394	SCREW* 1032X11/32	1	
25	11-6•150392	BRACKET* Lo	1	
26	185-41303	BUSHING	1	

KEY	PART NUMBER	DESCRIPTION	QTY	NT
27	7503454	RING* DOG RETAINER	1	
28	750-3454-q	DISC* DOG BRGo		
29	750-3455/	DOG* CAM SCREW		
31	11-...7-150391	NUT* 7/16..-20		
32	11-•3...150395	SCREW* 1032X11/32	1	
33	11 5•••150393	BRACKET* R.	1	
34	118-.450390	BUSHING	1	
35	1854302	SHAFT		
36	11-2-350152	ROLL ASSY*	1	
37	750-3453	RING* RETAINING		
38	750-3452	SCREW	1	
39	68030740	RING* RETAINING	2	
41	48-433-.2744	SCREW* SOC 8...-32X1/2		
42	13-8-193784	CLAMP* LONG		
43	13-.-7193785	CLAMP* SHORT	1	
44	11-2-150396	STUD	2	
45		SCREW. 8....32X ⁵ / ₁₆	•	
46	/83•3634-A	BEARING ASSY** DUCTOR OP	t	
47	11-2..150396	STUD	2	
48	185-...3634....A	BEARING ASSY** DUCTOR OP.	1	

GROUP 83 — Drive & Ink Oscillator Roll



17129C

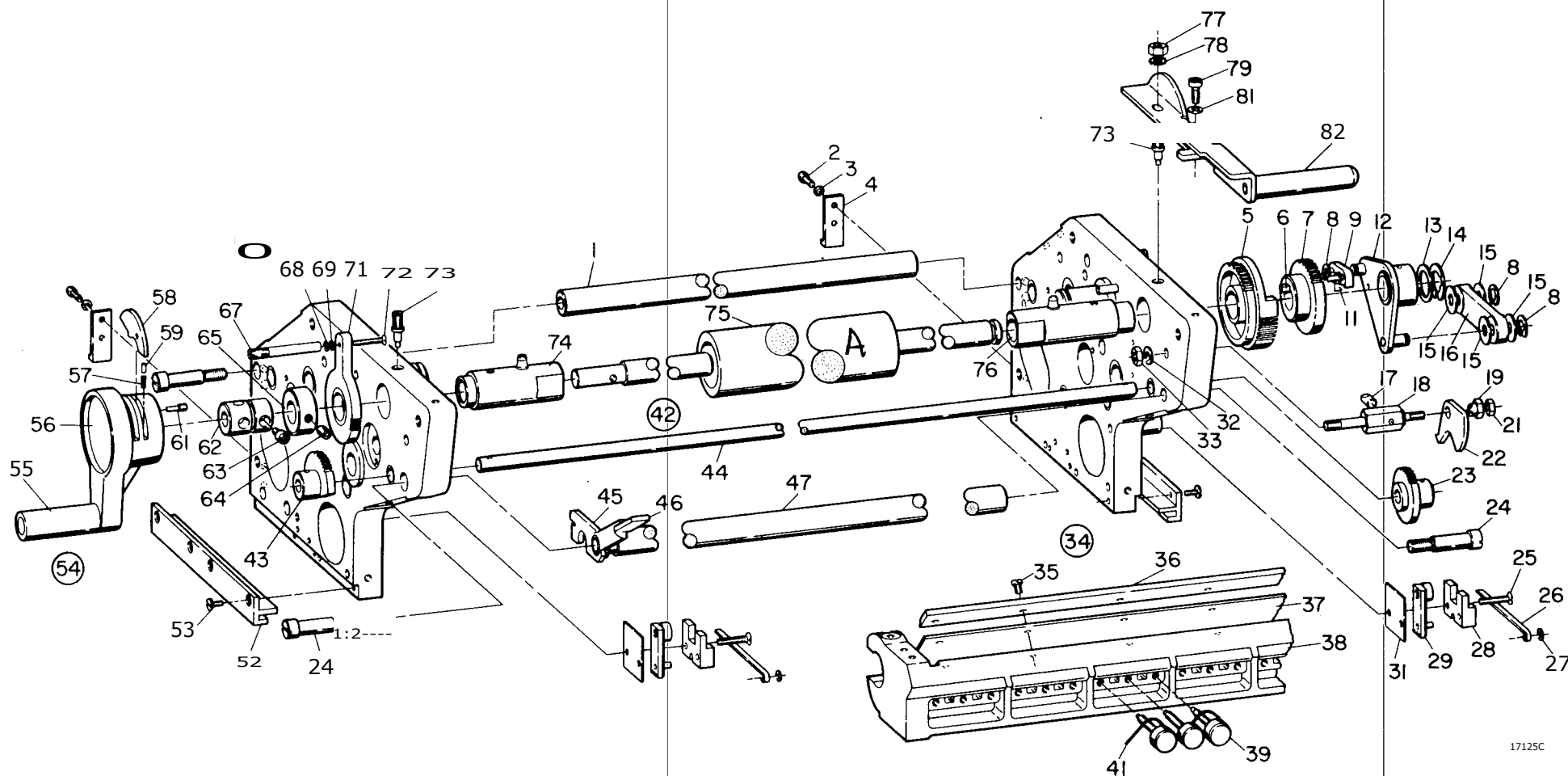
GROUP 83 — Drive & Ink Oscillator Roll

KEY	PART NUMBER	DESCRIPTION	QTY	NT
	182-4068-A1	ROLL ASSY., INTER. COMP.	2	
2	700-8006	WASHER	2	
3	78-40	BE	1	
4	182-4068-4	ROLL ASSY	1	
5	182-40680	BEARING, R.	1	
6	182-4072-A	ROLL ASSY., OSC. COMP		
7	185-3648	SCREW. 1/4-20X18 5/8		
	91-2152	NUT, HEX 1C-32	2	
	69-1240	WASHER	2	
9	182-40721	PIN, GUIDE Re	1	
	182-40720	PIN, GUIDE Le		
11	120-2202-1	DOG, CAM SCREW	1	
12	F2-3330	SCREW. 8-32X1/4	1	
12	120-2203	SPRING	1	
14	185-3647-A1	CORE ASSY.	1	
16	13-2-178708	BEARING, L.	1	
	13-4-178706	BEARING, Re	1	
17	182-4072	SHAFT	1	
18	750-3452	SCREW	1	
19	182-4025-4	SHAFT ASSY IN UNIT DRIVE	1	
		INCL 21, 22		
21	34-7112	PIN	1	
22	10811	PIN	1	
23	182-4026	SLEEVE	1	
24	3A-19625	WASHER	1	
25	182-4021	BKT., INT & CSC. ROLL	1	
26	D3-4632	LCCKWASHER	4	
27	48-406-571C	SCREW	4	
28	3AS-25511	WASHER	2	
29	42-6082	RCLLER, CAM	1	

KEY	PART NUMBER	DESCRIPTION	CITY	NT
31	MA-805-2	RING, RETAINING		
32	182-4028	SPRING, IDLER PULLEY	1	
33	182-4027-A	ARM ASSY., DRIVE PULLEY		
34	850-2014	RETAINING RING		
35	182-4030	PULLEY, IDLER	1	
36	2575-1207	CCLLAR	1	
37	EF-3500	PIN	1	
38	182-4048-A	SHAFT ASSY., INK CAM		
39	F2-5043	PIN	1	
41	20106	KEY	1	
42	185-3616	ROLLER, LEVER ASSY.	2	
43	185-3617	SCREW	2	
44	49-9-.181907	RETAINING RING		
45	0G-5250	SCREW, KNOB	1	
46	182-4050	SLEEVE, VIBRATOR DRIVE	1	
	120-3010	ALEMITE FITTING	1	
47	182-4051	CAM, VIBRATOR DRIVE		
48	192-1317	STUD	1	
49	182-4038	NUT, STUD LOCKING	1	
51	182-4037	BEARING, ROD END	1	
52	190TP-.50861	WASHER. PLAIN	2	
53	850-2014	RETAINING RING	1	
54	491-9017	NUT. STUD LCCKING	1	
55	182-4033-A	BLOCK ASSY., SUPPORT		
	182-4033	BLOCK, SUPPORT	1	
	182-40220	BUSHING		
	182-2025	GREASE FITTING	1	
56	182-4035-A	LEVER ASSY., VIBRATOR	1	
57	190-102	NUT		
56	182-4022	BLOCK, L.	1	

MODEL 1960 Duplicator
GROUP 84 — Ink Fountain

HP-4360-DU



17125C

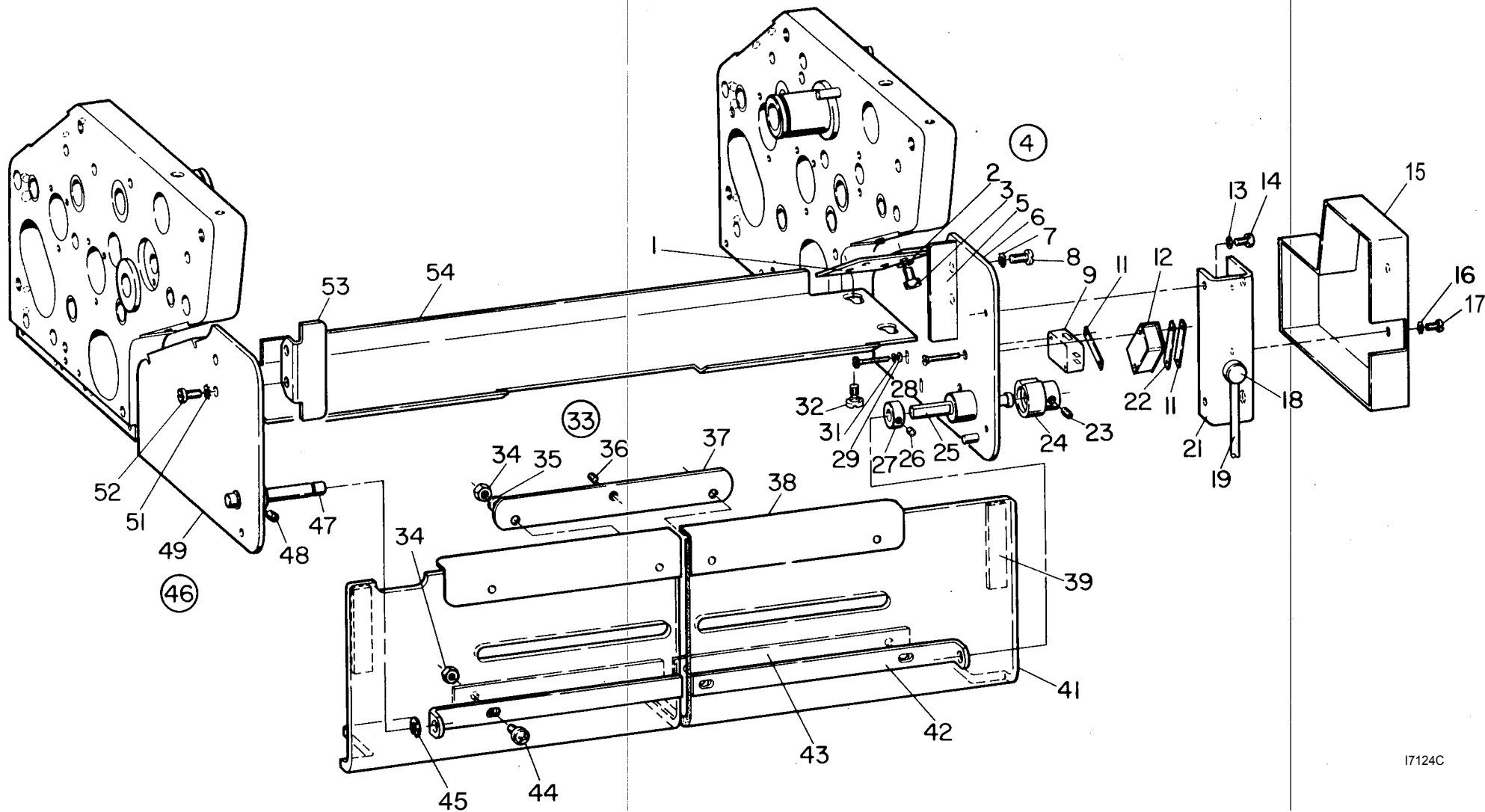
GROUP 84 — Ink Fountain

KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	1822014	84R, TIE	1	
2	48-433-2744	SCREW. 8-32X1/2	2	
3	48-438-205C	LOCKWASHER, 08	2	
4	182-4087	LATCH. FRAME STOP	2	
5	182-4055	SHIELD. INK FIN RATCHET	1	
6	1106/	KEY	1	
7	182-4056	RATCHET, INK FOUNTAIN	1	
8	6400-6080	C WASHER	3	
9	182-4058-4	PAWL ASSY'', RATCHET	1	
11	182-4060	SPRING, RATCHET PAWL	1	
12	182-4057-4	CRANK ASSY•ii BELL	1	
13	KG-7308	WASHER	1	
14	185-3218	RETAINING RING	1	
15	69-1202	WASHER	4	
16	182-4064	LINK. DRIVE RCLL		
17	296-1697	SNUBBER	1	
18	182-4062	BLOCK. DETENT	1	
19	120-3643	BUSHING	1	
21	91-2152	NUT	1	
22	192-4063	PAWL. INK RATCHET		
23	182-40660	PINION	1	
	19-59	PIN	1	
24	296-1636	SCREW	4	
25	182-4009	SCREW. 8-32X3/4	4	
26	182-403	SPRING. FRAME LOCK	2	
27	678--1437	RETAINING RING	4	
28	182-404	BLOCK, LOCK SUPPORT		
29	182-402-4	RACK ASSY*, FRAME LOCK	2	
31	182-405	PLATE. FRAME LOCK SLIDE	2	
32	48-438-208R	LCCKWASHER	1	
33	4e-436-044C	NUT		
34	182-4073-4	INK FOUNTAIN ASSY• (34-41)	1	
35	4-303	SCREW	9	
36	185-3600	CLAMP, BLADE INK FTN4,	1	
37	182-40730	BLADE, INK FTN.	1	
38	13-3-193615	FOUNTAIN, INK.	1	
39	120-3618-1	SCREW, 10-32X1-1/2	27	
41	120-3604	WIRE, TENSION	2	
42	182-4066-4	SHAFT ASSY RATCHET SHIELD	1	
		INCL. 23, 43. 44		
43	182-40661	SEGMENT		
	19-59	PIN	1	

KEY	PART NUMBER	DESCRIPTION	QTY	NT
44	182-4066	SHAFT	1	
45	13-6-193786	LEVER ASSYe		
46	13-0-195910	WASHER, SPRING	1	
	13--7-188033	GRIP RING	1	
47	13-4-193788	TIE BAR UPPER UNIT	1	
48	48-433-484C	SCREW	2	
49	48-438-205C	WASHER	2	
51	182-4008	HANDLE, INK SLIDE	1	
52	182-4086	SLIDE	2	
53	182-4084	SCREW	8	
54	13-7-175677	CRANK ASSY• CCMP• 55-61	1	
55	13-0-165533	CRANK		
56	13--2-130352	INSERT	1	
57	91-2212-1	SPRING	2	
58	185-3607	PAWL, CRANK RATCHET	2	
59	185-3606	P;N	2	
61	D2-55I9	SCREW	1	
62	13-9-189641	HUB, RATCHET DRIVE	1	
63	48-433-197F	SCREW	1	
64	84-144	SET SCREW	1	
65	444-1801	CCLLAR. SECTCR RET41NING	1	
66	13-2-180993	SECTOR ASSYet RATCHET		
67	13-8-180542	HANDLE, SECTOR	1	
se	48-438-2048	WASHER, LCCK 06	1	
69	48-437-0190	WASHER, PLAIN 06	1	
71	13-3-180547	SECTOR. RATCHET	1	
72	48-409-4020	SCREW, FT. HD 6-32X3/4	1	
73	13-2-178260	SCREW	1	
74	13-1-183329	BUSHING Leo FCUNTAIN ROLL	1	
75	182-4052-41	RCLL ASSYet INK FTNA,	1	
76	13-8-183330	BUSHING Rev FOUNTAIN ROLL		
77	48-435-0430	SCREW	2	
78	48-438-507R	WASHER* LCCK EX. TH.	2	
79	48-403-277D	SCREW. BIND HD 10-32X1/2	2	
81	48-438-406R	WASHER. LOCK INT TH	2	
82	13-5-197531	BRACKET, STOP Re	1	
	13-5-198257	BRACKET. STOP Le		

MODEL 1960 Duplicator
GROUP 85— Covers

HP-4360-DU



17124C

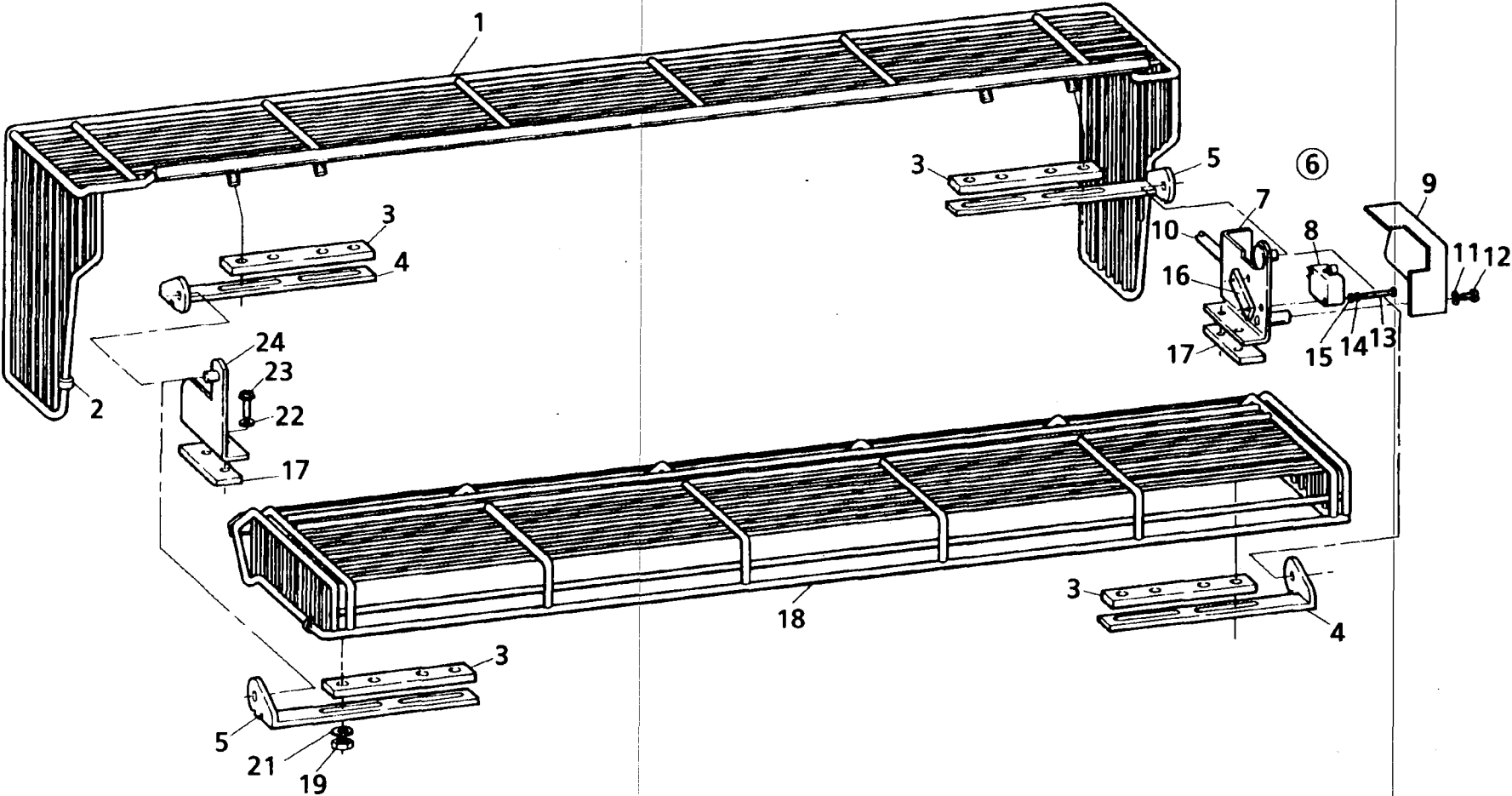
GROUP 85- Covers

KEY	PART NUMBER	DESCRIPTION	QTY	NT	KEY	PART NUMBER	DESCRIPTION	QTY	NT
1	13-4-180934	PLATE	2		28	48-409-398D	SCREW, FT HD 4-40X3/4	2	
2	48-438-206R	WASHER, LOCK #10	4		29	50000	WASHER, FLAT #4	2	
3	48-433-3675	SCREW, 10-32X3/8	4		31	50001	WASHER, LOCK #4	2	
4	13-2-194416	SUPPORT S/A SAFETY COV. R	1		32	185-9044	SCREW, 10-32X1/4	4	
		INCL. 5-31			33	13-4-189653	COVER ASSY., VERTICAL	1	
5	13-2-180563	BKT. ASSY., STRIKER	1				INCL. 34-44		
6	13-7-194403	SUPPORT ASSY.,	1		34	50162	NUT, HEX 10-32	9	
7	48-438-505C	WASHER, LOCK 110	2		35	48-437-025D	WASHER, PLAIN 110	2	
8	48-423-197D	SCREW, TRUSS 10-32X3/8	2		36	320-236	SCREW, SET	1	
9	64205	SWITCH	1		37	13-6-189651	RETAINER, CENTER SUPPORT	1	
11	64247	TWIN NUT	2		38	13-4-197540	TRIM ASSY., VERTICAL CVR.	1	
12	13-0-160377	INSULATOR, SWITCH	1		39	13-2-160359	MAGNETIC STRIP	2	
13	48-438-2058	WASHER, LOCK 18	2		41	13-6-180932	COVER	1	
14	48-433-114B	SCREW, SOC 8-32X1/4	2		42	13-7-180931	BKT., COVER PIVOT	1	
15	13-4-194406	COVER, SAFETY SWITCH	1		43	13-0-180755	PLATE, BACK UP SAFETY	1	
16	48-438-504C	WASHER, LOCK 18	2		44	48-433-277D	SCREW, TRUSS 10-32X1/2	5	
17	48-423-114D	SCREW, TRUSS 8-32X1/4	2		45	6400-6080	C WASHER	2	
18	48-011-0055	BUSHING RT. ANGLE STRAIN	1		46	13-0-190366	SUPPORT S/A L. (45-53)	1	
m 19	13-8-189824	CABLE ASSY.	1	1	47	13-5-180933	PIN. SUPPORT L.	1	
	13-3-194381	JUMPER ASSY.	1		48	ARM-9521	SET SCREW SOC 10-32X1/4	1	
21	13-0-189509	BKT., SWITCH COVER	1			27-1852	INSERT, BRASS	1	
22	66392	TWIN WASHER	1		49	13-6-189644	SUPPORT ASSY. L. SAFETY	1	
23	50603	SET SCREW 10-32X1/4	1		51	48-438-505C	WASHER, LOCK #10	2	
24	13-9-180046	CAM, SWITCH	1		52	48-423-1970	SCREW, TRUSS 10-32X3/8	2	
25	13-3-180752	PIN, RIGHT SUPPORT	1		53	13-2-180563	BKT. ASSY., STRIKER	1	
26	50636	SCREW, SET	1		54	13-5-189652	COVER, BOTTOM INK UNIT	1	
27	300665	COLLAR	1						

*

Indicates Change

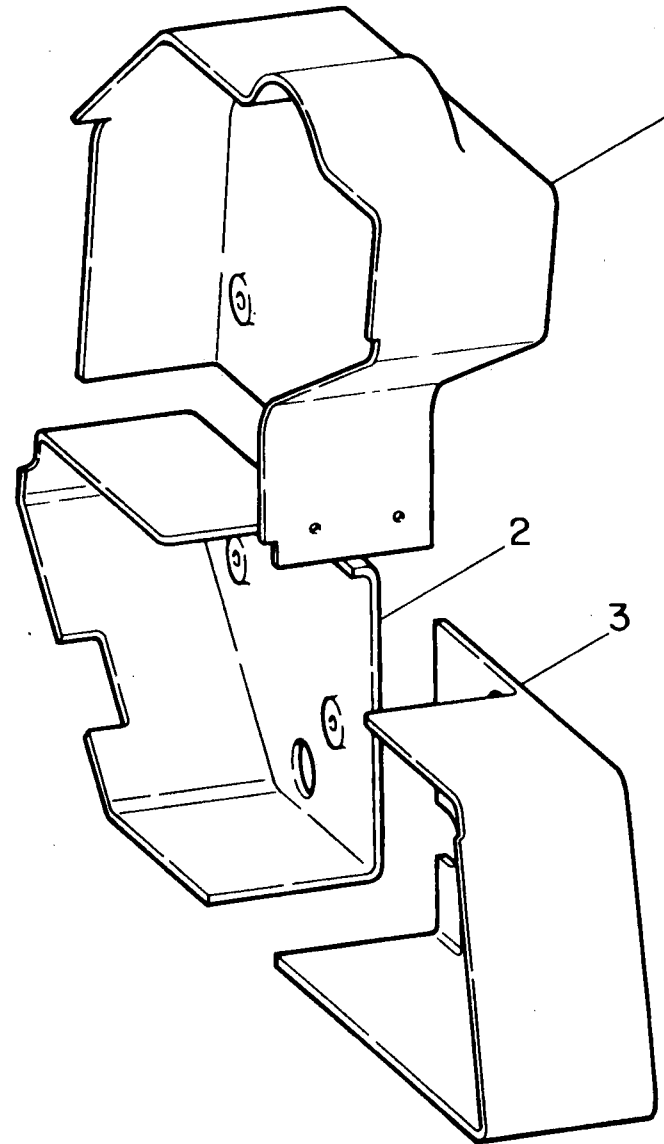
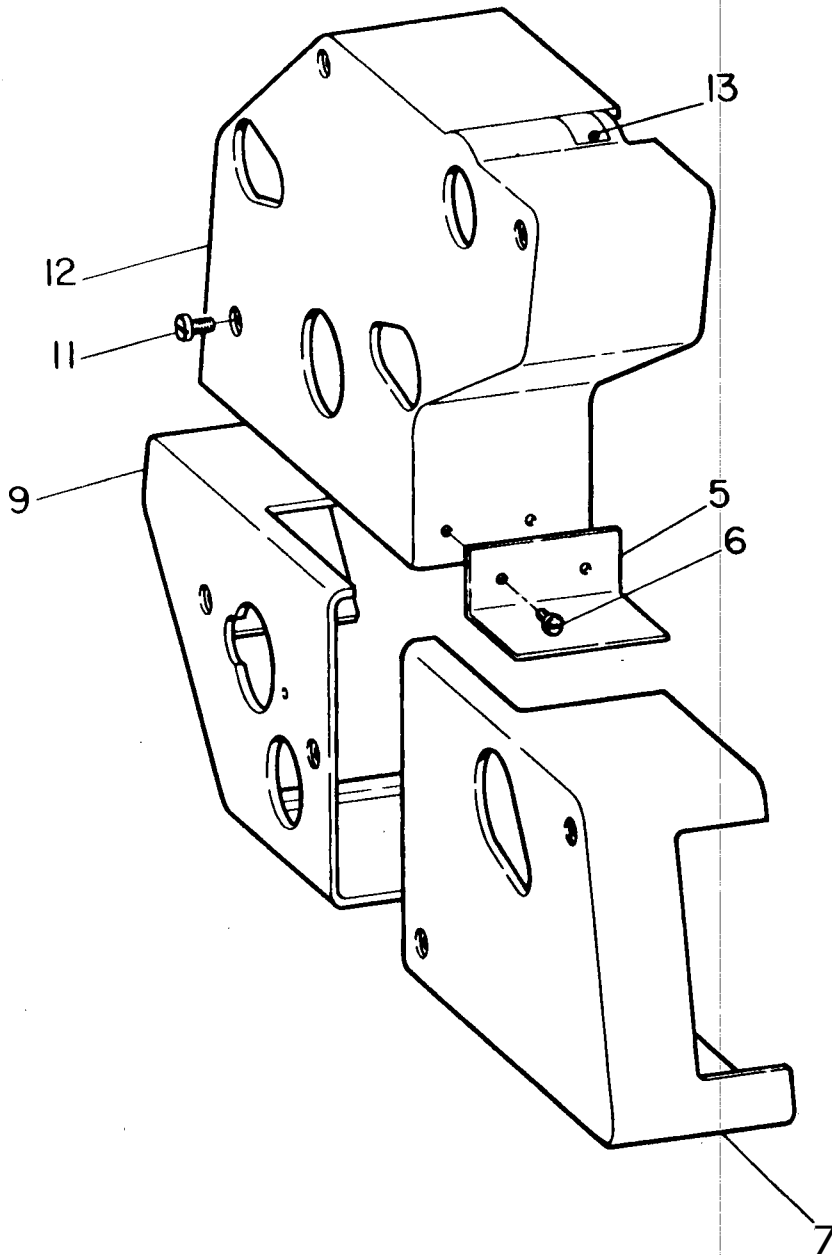
GROUP 86- Safety Covers



GROUP 86- Safety Covers

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-4-194422	COVER ASSY, REAR (MC)	1
2	13-7-189833	BUMPER (XE ONLY)	2
3	13-9-189823	SPACER	8
4	13-5-188589	BRACKET R.	2
5	13-6-188588	BRACKET L.	2
6	13-5-198265	CABLE ASY VERT CVR INTLK	1
7	13-9-198303	BRKT ASSY PIVOT R.	1
	48-011-0002	BUSHING, STRAIN RELIEF	1
8	13-1-192981	SWITCH	1
9	13-5-189660	COVER, INTIK SWITCH	1
10	13-4-197425	CABLE ASY VERT CVR INTLK	
11	48-438-504R	LOCKWASHER \$8	1.
12	48-423-114C	SCREW, 8-32X1/4	1
13	48-433-398C	SCREW.	2
14	48-438-202R	LOCKWASHER, *4	2
15	48-437-014C	WASHER, *4	2
16	64247	NUT, TWIN	1
17	13-3-192203	SPACER	2
18	13-1-189847	COVER ASSY., FRONT	1
	13-2-192204	BUMPER	2
19	305734	ELASTIC STOP NUT 1/4-20	16
21	48-437-032C	WASHER	16
22	48-438-206R	WASHER, LOCK \$10	4
23	48-412-277D	SCREW, 10-32X1/2	4
24	13-4-189513	BKT. ASSY., PIVOT L.	1

GROUP 87— Side Covers



17121C

GROUP 87— Side Covers

KEY	PART NUMBER	DESCRIPTION	QTY NT
1	13-5-194413	COVER. UPPER RIGHT	1
	48--423-277C	SCREW. TRUSS 10-32X1/2	3
2	13-4-1977/4	COVER. LOWER RIGHT REAR	
3	130-197718	COVER* LOWER RIGHT FRONT	1
	48-423-277C	SCREW. TRUSS 10-32X ¹ / ₂	2
5	13-5-197465	GUARD, ACCESS	2
6	48-423-192C	SCREW. TRUSS 6-32X ³ / ₈	4
	48-437-.020C	WASHER 06	4
	48-438-204A	LOCKWASHER• 06	4
7	13-.3-197830	COVER. LOWER LEFT FRONT	1
9	13-0-197833	COVER, LOWER L. REAR	1
It	48-423-277C	SCREW. TRUSS 10-32X1/2	3
12	13...2-193434	COVER. UPPER LEFT	1
13	182-502	PLATE, INK INDICATOR	1
	48-422-076C	SCREW, 3-48X3/16	2

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
AR1I-758	22 54	CC-1010	27 25	12-1103	30 44	HA-5121	32 47
ARM-758	50 26	CC-1019	79 13	F2-1103	41 23	HG-759	81 29
AR1I-758	71 26	CC-1019	so 12	12-1136	5 33	HG2-1120	10 32
ARM-758	72 24	CPAP 1059	42 33	12-1136	15 13	H5-1203	MA 12
ARM-859	10 12	CP&P-1059	55 29	12-2064	1 35	KG-2003	10 5
ARM-882	33 32	C1-5110	20 6	12-2064	10 4	1(6-2948-I	15 31
ARM-882	74 4	02-1900	19 26	F2-2064	13 14	1(6-3288	50 24
ARM-9521	6 72	02-25134	18A 8	F2-2064	42 12	1(6-7308	84 13
ARM-9521	14 48	02-25134	77 7	12-2064	42 31	1(6-7309	33 57
ARM-9521	18 17	02-5519	33 49	12-2064	68A 12	1(6-7309	42 6
ARM-9521	18 25	02-5519	84 61	F2-2064	69 53	MA-742-6	19 39
ARM-9521	57 4	03-2007	13 40	12-20651	7 12	MA-742-6	69 1
AR1-9521	76 18	03-2007	68A 39	12-3322	16 45	MA-805-3	83 31
ARM-9521	79 19	03-4632	15 76	12-33242	2 15	NOTE 1:	25 999
ARM-9521	80 19	03-4632	18A 4	F2-33242	3 18	OG-1305	3 45
AR1I-9521	85 48	03-4632	33 13	12-33242	4 17	06-1305	4 7
ARM-980	11 16	03-4632	69 83	12-33242	5 28	06-1305	4 27
AXM-191	15 42	03-4632	70 19	F2-33242	6 76	06-1305	13 10
AXM-27	20 31	03-4632	71 22	12-33242	13 8	06-1305	67 35
AXM-27	24 24	03-4632	77 3	12-33242	13A 6	06-1305	68A 7
A2-5102	19 14	03-4632	83 26	12-33242	15 34	06-220	74 11
A2-5102	70 17	03-5149	4 16	12-33242	22 28	06-302	3 11
A2-6082	83 29	03-5225	20 35	12-33242	40 9	06-318	6 24
A2-7271	57 15	03-5528	5 31	12-33242	40 11	06-318	58 17
A4A-1801	84 65	04-2474-1	15 25	12-33242	50 30	06-318	72 32
A4A-1804	1 63	04-2721	71 36	12-33242	68 6	06-318	79 7
A4A-1804	67 1	EF-3301	58 31	12-33242	68A 6	06-318	80 7
A4A-2704	42 35	EF-3500	15 68	12-3330	21 32	06-318	80 14
A7-7207	31 11	E1-3500	31 22	12-3330	23 12	06-318	81 7
A7-7345	17 24	EF-3500	72 12	12-3330	27 11	OG-401	10 23
A7-7345	17A 17	EF-3500	81 8	F2-3330	29 7	06-401	138 23
A7-8614	21 14	E1-3500	83 37	12-3330	30 5	06-401	18 26
A7-8614	27 26	E1-4200	27 46	12-3330	83 12	06-401	61 12
A7-8614	32 8	EF-4200	28 22	12-3652	8 21	06-401	68B 7
A7-8614	35 46	EF-4200	29 22	F2-5043	38 7	06-401	76 19
A7-8614	71 21	EF-4200	69 4	12-5043	39 7	06-424	3 30
A7-8614	72 7	E1-4200	74 3	12-5043	70 2	06-501	3 57
A7-8614	82 14	E1-4200	74 16	12-5043	82 16	06-501	58 51
A7-87721	3 9	E1-4200	78 2	12-5043	83 39	06-501	81 20
A7-87721	58 36	E1-4307	5 25	12-6004	7 16	06-5250	14 22
A7A-83150	13A 21	E1-4600	50 22	F2-6004	14 5	06-5250	83 45
A7A-83150	68 21	E1-5204	11 16	12-6219	38 22	06-560-1/2	16 35
A7A-9550	15 26	E1-5204	688 3	12-6935	50 18	06-635	7 10
A7C-4362	3 43	E12-3	14 59	12-7022	41 16	06-635	10 39
A91-1089-30	51A 4	E120-94	9 15	12-7022	55 1	06-720	56 2
A91-6083	24 5	E121-79	7 27	HA-3244	20 18	06-720	57 23
A91-6083	40 23	E14-37	63 9	HA-3515	13A 18	06-905	13A 33
A91-7043	51A 22	[25-210	56 11	HA-3515	68 18	06-905	40 4
A91-9017	83 54	12-1103	16 28	HA-5019	6 29	06-905	68 33
BP5013703	42 9	12-1103	20 14	HA-5019	41 29	06-929	50 14

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
PX-145	15 7	XM-875	50 5	11-20414	13 1	119-227	17A 11
PX-2291	19 25	XM-875	51 13	11-20414	68A 1	119-227	17A 41
PX-42	31 33	XM-875	51A 25	11-21331	31 37	119-227	67 29
PX-42	71 12	XM-875	68A 26	11-21342	8 24	119-228	67 36
ULG-5037	13A 66	XM-875	68B 38	11-2230	15 65	119-662	42 12
ULG-5037	68 66	XM-875	76 4	11-2230	24 29	119-662	56 3
ULG-5053	13 31	XM-966	42 33	11-3-150395	82 32	12-6055-90	6 4
ULG-5053	61 28R	XM-97	59 22	11-3-350151	82 23	12-6055-90	6 17
ULG-5053	68A 29	XM-974	58 10	11-4-150394	82 24	120-102	10 33
ULG-6011	3 44	)01-981-4	15 67	11-4-150915	26 16	120-102	45 7
ULG-6214	31 32	XM-981-4	30 34	11-4-150915	71A 53	120-1025-2	I 999
ULG-6214	71 13	X11-981-4	33 18	11-5-150393	82 33	120-11002	1 18
WP-2330	3 7	10-1007	16 35	11-6-150392	82 25	120-11024	63 5
WP-2330	58 18	10-1007	21 23	11-7-150391	82 31	120-1231	34A 6
XM-143	67 34	10-3002	21 11	11-7-154187	20 21	120-1507-1	20 3
XM-143	68A 8	10-3002	27 33	11-7-154187	30 56	120-1508-1	20 7
XM-149	42 6	10-3002	28 17	11-7-154922	16 48	120-1509-1	20 2
XM-195	82 22	10-3002	29 18	11-74112	73 3	120-1512	21 37
XM-2482	7 4	10-3002	72 2	11-74112	79 3	120-2023-2	42 55
XM-261	47 3	10-3002	73 39	11-74112	80 3	120-204	13B 27
XM-2647	6 39	10-3002	82 2	11-74112	80 25	120-204	688 13
XM-2670	8 29	100-156	16 18	11-8-150390	82 34	120-2045	2 3
XM-2689	13 30	100-261	14 19	11-8-154285	16 15	120-2046	11 26
XM-2689	SI 7	10178	42 24	11-8-154921	16 49	120-2047	2 2
XM-2689	68A 28	10178	42 26	11-9-154904	21 9	120-2047	11 14
XM-2973	66 19	108-196	13A 19	11-9-154904	27 34	120-2047	11 24
X1-3053	73 38	108-196	68 19	11-9-154904	28 18	120-2110	75 6
XM-415	3 55	108-30	42 2	11-9-154904	29 17	120-2202-1	23 11
X1-415	19 13	108-448	3 38	11-9-154904	72 3	120-2202-1	27 7
XM-415	33 19	108-448	56 49	11-9-154904	82 3	120-2202-1	29 6
XM-415	58 56	108-473	4 12	110-1034	75 7	120-2202-1	83 11
XM-415	69 79	108-473	10 15	11061	84 6	120-2203	23 7
X1-415	78 3	108-473	19 35	112-235	1 53	120-2203	27 8
XM-415	79 8	10810	72 34	112-235	56 28	120-2203	29 8
XM-415	80 9	10811	83 22	112-239	3 33	120-2203	83 13
X1-68	4 36	10814	56 16	112-246	56 38	120-2328	41 26
X1-68	10 43	10814	58 9	112-247	56 38	120-233-1	15 78
X1-68	50 32	11-1-154902	21 16	112-249	56 37	120-2333	15 72
XM-874	25 11	11-1-154902	72 15	112-254	3 35	120-2335	41 35
XM-875	5 32	11-1-154902	82 8	112-255	3 40	120-2400-A	50 21
XM-875	6 27	11-1-351599	20 22	112-256	3 39	120-2400-A1	50 20
X1-875	7 15	11-2-150396	81 13	112-39-1A	56 14	120-2400-A1S	50 1
X1-875	8 5	11-2-150396	82 44	117-238	27 46	120-2405-A	50 36
XM-875	9 34	11-2-150396	82 47	117-238	28 22	120-241-A	50 29
XM-875	12 22	11-2-154695	48 6	117-238	29 22	120-2415-A	50 25
X1-875	13 27	11-2-154901	21 25	117-438	4 53	120-2420	50 35
X1-875	138 61	11-2-154901	32 14	117-438	18 54	120-2421	50 28
X1-875	15 81	11-2-154901	72 8	119-226	14 53	120-243	50 8
X1-875	18 9	11-2-154901	82 13	119-227	17 17	120-243-A	50 3
X1-875	34A 12	11-2-350152	82 36	119-227	17 47	120-2430-A	50 15

NUMERICAL INDEX

PART NUMBER	DRAM KEY	PART NUMBER	ORANG KEY	PART NUMBER	DRAM KEY	PART IAR1BER	MANG KEY
120-2432	50 19	120-3497	19 22	120-4501	18A 29	120-542	7 3
120-2435-A	50 40	120-3498	19 18	120-4501	77 16	120-5422-1	3 29
120-2440	50 17	120-3500	31 4	120-5101	56 15	120-5422-1	56 55
120-2709	6 68	120-3501	32 33	120-511	58 52	120-5425-A	9 31
120-2709	23 37	120-3504	32 30	120-511-A	3 48	120-5427	9 32
120-2936	72 33	120-3505	33 24	120-511-A	58 46	120-556-1	6 58
120-30	14 32	120-3506	27 64	120-5110	3 50	120-556-1A	6 57
120-3002	15 37	120-3506	28 60	120-5115	3 53	120-5560	6 59
120-3006	14 31	120-3556	33 33	120-5115-A	3 52	120-5562	5 12
120-3009	17 43	120-36001	27 24	120-5115-A	58 47	120-5562	6 82
120-3010	16 33	120-36003	27 27	120-5116	3 56	120-5562	13 2
120-3010	83 46	120-3603	25 12	120-5116	58 49	120-5562	13 46
120-3014	14 27	120-3603	31 8	120-5117	3 54	120-5562	68A 2
120-3054	14 49	120-3604	33 6	120-5117	58 34	120-5562	68A 45
120-3054	38 36	120-3604	84 41	120-5117	58 48	120-557-1	6 49
120-3058	14 57	120-3607	10 52	120-5125-A	3 47	120-557-1A	6 47
120-3060	16 52	120-3607	13A 55	120-5126	56 45	120-5570	50 10
120-315	17 54	120-3607	68 55	120-5130-1A	3 46	120-5572-1	6 48
120-315	17A 47	120-3608	33 14	120-5135-A	3 67	120-5572-1	50 4
120-315-A	17 52	120-3612-1	33 52	120-514-A	3 66	120-5574	6 55
120-315-A	17A 45	120-3612-2	31 7	120-515-A	3 64	120-5578	6 61
120-3150	17 56	120-3615-1	33 39	120-5151-A	3 62	120-5579	6 34
120-3150	17A 49	120-3618-1	33 7	120-5154	3 22	120-5705	4 42
120-3151	17 53	120-3618-1	84 39	120-5160-1A	3 58	120-5735	4 22
120-3151	17A 46	120-36200-9	15 10	120-5168-2	3 12	120-6004	13 35
120-3155	17 44	120-3628	31 23	120-5175	3 32	120-6004	68A 32
120-3155	17A 37	120-363	79 34	120-5175-A	3 31	120-6001	15 48
120-3208	15 45	120-363	80 34	120-5175-1	56 53	120-6019	61 22
120-3209	15 56	120-3643	84 19	120-5176	56 51	120-6026-A	13 24
120-3301	14 23	120-36540	20 57	120-521	8 16	120-6026-A	68A 35
120-3351	38 26	120-3657	20 12	120-5212-A	8 18	120-6027	13 29
120-3351-1	38 17	120-3657	20 55	120-5214	8 13	120-6027	68A 27
120-3352-A	38 13	120-3658	20 11	120-5215	8 14	120-6028-1	13 28
120-3354	38 19	120-3675	20 34	120-5230-A	8 36	120-6028-1	68A 34
120-338	41 8	120-3675	24 18	120-5305	42 6	120-6029	13 23
120-34505	76 32	120-3679	74 21	120-5306	42 3	120-6029	68A 36
120-34506	76 31	120-3690	20 17	120-5311	42 8	120-6034	13A 68
120-3453	18 45	120-3693	26 21	120-5312	42 32	120-6034	68 68
120-3453	76 28	120-3693	71A 43	120-5315	42 4	120-6037	13 15
120-3460-A	31 19	120-3697	26 6	120-532-A	42 7	120-6037	68A 13
120-3463	29 47	120-3697-A	26 2	120-5329	33 22	120-6041-A	13B 60
120-3467	19 36	120-36970	26 3	120-5329	51A 47	120-6041-A	68B 37
120-3467	20 33	120-3739	15 46	120-5329	72 37	120-6045-A	13B 17
120-3467	24 19	120-3742-A	15 35	120-5335-A	10 21	120-6045-A	688 2
120-3469	27 44	120-3742-AI	15 27	120-5400	7 5	120-6047	8 16
120-3469	28 54	120-3744-A	15 32	120-5406-1	7 17	120-6050	13B 43
120-3469	29 36	120-3817	8 16	120-5407	7 14	120-6050	68B 21
120-349-1	15 5	120-4033	1 7	120-541	7 6	120-6053-A	8 25
120-349-1	19 9	120-4034	9 6	120-5410	7 13	120-6053-A	138 30
120-3497	14 81	120-4501	18A 18	120-5411	7 7	120-6053-A	68B 14

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
120-7031	22 26	13-0-165533	84 55	13-0-189509	as 21	13-0-196462	14 67
120-7302	51A 32	13-0-173065	21 2	13-0-189806	72 48	13-0-196678	30 33
120-7303	51A 36	13-0-174592	8 28	13-0-189855	16 22	13-0-196868	30 41
120-7304	51A 42	13-0-174857	20 5	13-0-189863	41 42	13-0-197106	I 32
120-731	51A 11	13-0-174865	20 48	13-0-189954	30 55	13-0-197411	52 15
120-7335	3 2	13-0-175979	18 24	13-0-190366	85 46	13-0-197429	35 48
120-7335	58 43	13-0-175987	38 23	13-0-190390	6 I	13-0-197429	52 32
120-7335	70 28	13-0-179138	28 39	13-0-191117	31 14	13-0-197452	59 7
120-734-A	51 15	13-0-179138	28 87	13-0-191240	42 46	13-0-197536	45 26
120-735-A	51 9	13-0-179146	27 15	13-0-191448	22 48	13-0-197551	22 6
120-7365	51 8	13-0-179146	28 9	13-0-192065	27 48	13-0-197585	14 64
120-7366	SI 6	13-0-179161	27 13	13-0-192065	28 23	13-0-197601	55 37
120-7392-A	42 56	13-0-179161	28 1	13-0-192131	23 2	13-0-197627	63 10
120-7630	51 16	13-0-179161	28 8	13-0-192198	7 2	13-0-197643	62 25
120-8603	35 12	13-0-179161	29 1	13-0-192289	3 3	13-0-197668	58 15
120-8607	10 41	13-0-179195	8 12	13-0-192289	58 44	13-0-197676	58 26
120-8804	69 52	13-0-180755	85 43	13-0-192438	12 16	13-0-197692	70 13
120-9783	26 4	13-0-181779	20 15	13-0-193071	43 45	13-0-197718	87 3
120-9863	6 71	13-0-182025	30 23	13-0-193428	1 24	13-0-197759	45 1
120-9863	18 16	13-0-182249	59 4	13-0-193469	12 2A	13-0-197767	45 1
120-9863	18 24	13-0-183379	28 36	13-0-193808	71A 18	13-0-197775	36 24
120-9863	38 16	13-0-183379	28 89	13-0-193949	11 7	13-0-197809	11 4
120-9863	39 13	13-0-184419	43A 11	13-0-194327	35 7	13-0-197817	6 9
120-9863	73 8	13-0-184419	438 8	13-0-194343	436 7	13-0-197833	87 9
120-9863	76 11	13-0-184476	10 11	13-0-194350	35 22	13-0-197841	56 26
120-9863	76 17	13-0-184963	10 53	13-0-194426	71A 26	13-0-197874	8 7
120-9863	79 21	13-0-184963	14 69	13-0-194491	24 7	13-0-197890	42 15
120-9863	80 21	13-0-184963	36 15	13-0-194640	21 19	13-0-197999	4 18
120-988	69 36	13-0-184963	47 2	13-0-194640	32 13	13-0-198328	45 16
12011-3663	20 8	13-0-184963	55 18	13-0-194640	72 13	13-0-198336	35 1
121-5016	38 35	13-0-184963	68A 23	13-0-194640	82 11	13-0-198823	5 42
121-5027	138 35	13-0-187214	31 15	13-0-194657	32 19	13-1-142309	10 6
121-5027	688 16	13-0-187354	48 14	13-0-194665	27 32	13-1-163339	3 36
121-5028	138 34	13-0-187354	49 14	13-0-194665	82 I	13-1-163339	56 47
121-5028	68B 15	13-0-187461	7 25	13-0-194822	6 2	13-1-166068	20 51
1220-7020	15 44	13-0-187552	31 36	13-0-194822	6 15	13-1-173106	26 12
1275-3105	32 36	13-0-187578	18 56	13-0-194889	15 15	13-1-173106	71A 52
1278-1318-1	18A 12	13-0-187602	3 6	13-0-195373	72 4	13-1-179194	8 12
1278-1318-1	77 12	13-0-187602	58 41	13-0-195530	14 17	13-1-180200	38 34
1278-132	15 43	13-0-188139	37 24	13-0-195555	19 16	13-1-180721	51 5
1279-1383	14 9	13-0-188246	19 31	13-0-195597	10 22	13-1-180739	34 31
1279-5708-A	15 64	13-0-188527	42 30	13-0-195597	136 22	13-1-181075	10 16
1279-5710-A	15 66	13-0-188576	37 16	13-0-195597	686 6	13-1-181950	81 27
1279-5711-A	13 55	13-0-188584	66 11	13-0-195712	62 2	13-1-182206	42 29
1279-5711-A	68A 54	13-0-188592	13B 53	13-0-195753	5 45	13-1-182255	34 51
13-0-130347	45 19	13-0-188592	68B 42	13-0-195779	33 55	13-1-182362	7 22
13-0-142276	9 22	13-0-189384	13A 1	13-0-195787	60 14	13-1-182453	17 38
13-0-143084	11 17	13-0-189384	68 1	13-0-195795	60 22	13-1-182453	17A 32
13-0-144512	42 31	13-0-189434	33 26	13-0-195910	84 46	13-1-182966	76 A
13-0-160377	85 12	13-0-189475	35 45	13-0-196264	60 11	13-1-183329	84 74

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAM KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
13-1-184731	18A 22	13-1-192437	12 12	13-1-197618	56 42	13-2-184730	18A 34
13-1-184731	77 21	13-1-192460	1 62	13-1-197626	57 1	13-2-184730	77 29
13-1-134970	36 22	13-1-192981	34 35	13-1-197642	56 25	13-2-186974	
13-1-184970	45 4	13-1-192981	37 8	13-1-197659	58 32	13-2-187352	4 = n
13-1-184970	45 24	13-1-192981	40 18	13-1-197667	58 15	13-2-187550	31 31
13-1-184970	45 25	13-1-192981	45 15	13-1-197683	70 26	13-2-187816	1 8
13-1-184970	47 2	13-1-193120	42 51	13-1-197691	70 27	13-2-187840	12 39
13-1-184970	49 2	13-1-193260	25 28	13-1-197725	42 11	13-2-188053	20 65
13-1-184970	66 3	13-1-193419	23 1	13-1-197790	47 1	13-2-188137	66 13
13-1-187213	1 54	13-1-193427	1 22	13-1-197816	6 8	13-2-188210	30 21
13-1-187296	56 41	13-1-193427	2 8	13-1-197824	66 5	13-2-188210	32 43
13-1-187353	48 33	13-1-193492	24 16	13-1-197840	45 2	13-2-188236	30 32
13-1-187460	7 26	13-1-193799	71A 2	13-1-197857	44 1	13-2-188244	19 17
13-1-187528	36 4	13-1-193799	1.4% 67	13-1-197865	30 26	13-2-188350	5 22
13-1-187551	31 27	13-1-193807	IA 28	13-1-197873	8 1	13-2-188426	66 12
13-1-187569	26 9	13-1-193823	69 61	13-1-197899	42 25	13-2-188533	9 37
13-1-187585	27 72	13-1-193906	I 43	13-1-197998	28 76	13-2-188624	30 18
13-1-187585	28 68	13-1-194060	49 11	13-1-198061	48 35	13-2-188632	30 14
13-1-187601	58 41	13-1-194094	44 6	13-1-198327	45 6	13-2-188657	21 1
13-1-188054	20 63	13-1-194334	438 3	13-2-130352	3 5	13-2-188673	59 1
13-1-188237	30 37	13-1-194367	78 18	13-2-130352	33 45	13-2-188723	34 43
13-1-188237	30 43	13-1-194656	32 6	13-2-130352	58 39	13-2-188772	9 1
13-1-188245	19 4	13-1-195117	2 1	13-2-130352	84 56	13-2-188780	12 24
13-1-188260	20 38	13-1-195117	11 11	13-2-144999	42 5	13-2-188806	34 7
13-1-188542	10 26	13-1-195471	15 6	13-2-160060	32 16	13-2-188822	13 A
13-1-188658	20 61	13-1-195554	19 16	13-2-160359	40 14	13-2-189382	13A 37
13-1-188690	57 21	13-1-195604	59 18	13-2-160359	85 39	13-2-189382	68 37
13-1-188757	138 18	13-1-195646	62 18	13-2-162777	20 49	13-2-189432	41 1
13-1-188781	12 36	13-1-195695	58 33	13-2-166034	22 55	13-2-189440	32 1
13-1-189383	13A 14	13-1-195737	62 49	13-2-166075	22 2	13-2-189465	34A 1
13-1-189383	68 14	13-1-195752	5 7	13-2-175563	20 39	13-2-189804	71 15
13-1-189490	22 52	13-1-195760	5 6	13-2-178260	84 73	13-2-189952	59 19
13-1-189805	72 49	13-1-195786	60 12	13-2-178708	23 3	13-2-190018	10
13-1-189847	86 18	13-1-196024	58 62	13-2-178708	23 35	13-2-190018	9 2
13-1-190217	14 15	13-1-196214	42 49	13-2-178708	27 14	13-2-190117	20 1
13-1-190407	1 16	13-1-196263	59 17	13-2-178708	29 12	13-2-190380	6 6
13-1-190449	18 53	13-1-196263	60 9	13-2-178708	83 16	13-2-190448	18 48
13-1-190522	43 15	13-1-196537	1 41	13-2-179219	3 19	13-2-190521	70 23
13-1-191223	43 44	13-1-196537	2 42	13-2-180563	85 5	13-2-190695	14 21
13-1-191413	12 6	13-1-196537	33 61	13-2-180563	85 53	13-2-191222	43 14
13-1-191439	22 13	13-1-196586	20 999	13-2-180738	34 38	13-2-191370	24 28
13-1-191447	22 42	13-1-196859	5 43	13-2-180993	84 66	13-2-191438	22 12
13-1-191538	I 25	13-1-197402	43 999	13-2-181074	10 17	13-2-191446	22 43
13-1-191736	25 7	13-1-197410	52 33	13-2-181264	14 18	13-2-191479	60 2
13-1-191769	23 23	13-1-197428	45 8	13-2-182239	32 22	13-2-191768	19 29
13-1-191777	25 21	13-1-197428	52 1	13-2-182239	82 18	13-2-191768	24 22
13-1-191983	41 17	13-1-197444	43 999	13-2-182361	56 17	13-2-192048	24 13
13-1-192049	24 12	13-1-197451	63 7	13-2-182437	21 31	13-2-192139	23 14
13-1-192072	29 26	13-1-197535	45 26	13-2-182437	30 4	13-2-192147	25 24
13-1-192403	43A 14	13-1-197584	43 39	13-2-182445	78 20	13-2-192204	86 18

NUMERICAL INDEX

PART NUMBER	DRAWS KEY	PART NUMBER	DRAWS KEY	PART NUMBER	DRAWS KEY	PART NUMBER	DRAWS KEY
13-2-193111	43 11	13-2-197617	61 8	13-3-187245	11 9	13-3-193128	42 41
13-2-193129	42 41	13-2-197625	57 18	13-3-187245	24 34	13-3-193490	24 17
13-2-193418	23 26	13-2-197658	58 22	13-3-187260	56 19	13-3-193490	25 16
13-2-193434	87 12	13-2-197666	58 18	13-3-187518	26 11	13-3-193615	33 5
13-2-193491	25 15	13-2-197674	55 5	13-3-187583	27 43	13-3-193615	84 38
13-2-193616	32 17	13-2-197690	70 14	13-3-187583	28 53	13-3-193623	67 11
13-2-193806	71A 39	13-2-197708	63 6	13-3-187591	36 23	13-3-193805	71A 33
13-2-193814	71A 55	13-2-197799	35 35	13-3-187682	35 16	13-3-194324	35 6
13-2-193822	71A 59	13-2-197807	10 1	13-3-187773	35 38	13-3-194365	78 22
13-2-193855	43B 6	13-2-197823	35 35	13-3-187773	36 31	13-3-194381	85 19
13-2-194085	35 37	13-2-197849	48 11	13-3-188052	20 64	13-3-194563	6 85
13-2-194317	35 7	13-2-197849	48 21	13-3-188235	30 54	13-3-194639	1 61
13-2-194333	32 54	13-2-197856	44 3	13-3-188557	8 33	13-3-194662	72 17
13-2-194333	35 21	13-2-197898	42 22	13-3-188573	37 15	13-3-195115	2 10
13-2-194366	80 8	13-2-197997	28 26	13-3-188623	30 8	13-3-195628	62 13
13-2-194382	52 2	13-2-198060	48 36	13-3-188649	19 32	13-3-195644	62 22
13-2-194416	85 4	13-2-198334	45 23	13-3-188656	31 3	13-3-195651	58 64
13-2-194424	37 14	13-2-199548	27 46	13-3-188656	32 26	13-3-195693	62 52
13-2-194648	32 12	13-2-199548	28 22	13-3-188656	33 23	13-3-195719	61 9
13-2-194648	82 12	13-2-199548	29 22	13-3-188706	14 1	13-3-195735	58 66
13-2-194655	21 21	13-2-206848	26 1	13-3-188714	35 9	13-3-195776	5 5
13-2-194887	15 17	13-3-130328	34A 28	13-3-188805	34 11	13-3-195784	60 25
13-2-195504	23 32	13-3-144972	17A 13	13-3-188821	68B A	13-3-195792	60 19
13-2-195603	59 13	13-3-149252	15 14	13-3-189076	6 67	13-3-195966	23 33
13-2-195629	62 19	13-3-160358	40 14	13-3-189381	32 51	13-3-196071	55 14
13-2-195645	62 17	13-3-167825	71A 63	13-3-189431	41 2	13-3-196154	25 999
13-2-195751	5 8	13-3-172338	11 29	13-3-189514	86 7	13-3-196261	60 3
13-2-195777	5 46	13-3-172387	1 67	13-3-189662	74 1	13-3-196519	32 9
13-2-195835	42 17	13-3-172387	11 15	13-3-189803	71 38	13-3-196527	42 37
13-2-196015	14 64	13-3-172387	11 22	13-3-189829	67 19	13-3-197103	1 56
13-2-196189	58 61	13-3-173120	71A 47	13-3-189886	51A 1	13-3-197137	15 1
13-2-196213	42 48	13-3-178392	48 27	13-3-190116	20 16	13-3-197368	48 40
13-2-196262	60 1	13-3-178756	70 21	13-3-190355	18A 2	13-3-197418	52 5
13-2-196528	42 36	13-3-179267	19 15	13-3-190355	77 1	13-3-197426	52 7
13-2-196585	20 72	13-3-179523	27 17	13-3-190405	1 19	13-3-197434	14 77
13-2-196585	28 28	13-3-179523	28 4	13-3-190447	18 38	13-3-197434	52 13
13-2-196585	28 81	13-3-180208	38 5	13-3-190447	76 42	13-3-197459	43 30
13-2-196700	32 35	13-3-180521	13A 38	13-3-191171	49 8	13-3-197475	45 17
13-2-196858	5 37	13-3-180521	68 38	13-3-191239	42 38	13-3-197566	16 999
13-2-196874	3 49	13-3-180547	84 71	13-3-191445	22 34	13-3-197590	35 31
13-2-196924	42 53	13-3-180737	34 22	13-3-191627	1 12	13-3-197608	61 4
13-2-197393	43 33	13-3-180752	85 25	13-3-191635	29 35	13-3-197624	63 2
13-2-197401	48 37	13-3-181008	40 1	13-3-191775	24 49	13-3-197632	62 1
13-2-197419	52 28	13-3-181768	34 13	13-3-191981	41 31	13-3-197657	58 5
13-2-197427	52 20	13-3-182253	34 19	13-3-192047	24 15	13-3-197665	58 19
13-2-197435	43 21	13-3-182444	78 19	13-3-192062	24 23	13-3-197673	55 43
13-2-197443	43 46	13-3-183111	28 91	13-3-192138	23 14	13-3-197699	62 56
13-2-197450	43 17	13-3-183202	48 29	13-3-192203	86 17	13-3-197707	57 22
13-2-197534	45 26	13-3-186189	21 38	13-3-192435	12 16	13-3-197780	36 1
13-2-197591	14 58	13-3-187211	58 41	13-3-193060	43 42	13-3-197798	46 1

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
13-3-197830	87 7	13-4-189489	22 51	13-4-195692	62 47	13-5-180735	34A 11
13-3-197863	30 39	13-4-189513	86 24	13-4-195767	5 44	13-5-180933	85 47
13-3-197897	11 25	13-4-189653	85 33	13-4-195791	60 13	13-5-180990	34A 35
13-3-198085	45 11	13-4-189828	67 13	13-4-196070	55 14	13-5-181006	38 31
13-3-199125	62 43	13-4-190222	22 999	13-4-196138	11 1	13-5-181220	52 33
13-4-142306	10 7	13-4-190230	17	13-4-196179	15 11	13-5-181261	31 26
13-4-142983	3 4	13-4-190362	11 23	13-4-196179	42 58	13-5-181287	28 37
13-4-142983	58 42	13-4-190446	18 39	13-4-196617	55 42	13-5-181287	28 77
13-4-165539	16 38	13-4-190446	76 43	13-4-196674	27 58	13-5-181774	34A 25
13-4-174861	20 54	13-4-190727	3 25	13-4-196674	28 63	13-5-181782	9 21
13-4-178706	23 9	13-4-191410	12 14	13-4-196674	29 45	13-5-182020	30 16
13-4-178706	27 5	13-4-191444	22 45	13-4-196864	30 52	13-5-182236	32 21
13-4-178706	29 5	13-4-191469	60 6	13-4-197102	1 41	13-5-182236	82 17
13-4-178706	83 16	13-4-191634	0 SI	13-4-197409	52 9	13-5-182731	43 37
13-4-179159	4 52	13-4-191741	24 40	13-4-197417	52 24	13-5-182731	43 39
13-4-179217	27 12	13-4-191758	23 5	13-4-197425	52 31	13-5-183069	69 12
13-4-179217	29 13	13-4-191758	23 31	13-4-197433	52 30	13-5-183630	21 26
13-4-179233	10 58	13-4-191766	23 19	13-4-197441	43 13	13-5-184745	18A 20
13-4-180744	34 57	13-4-191774	24 48	13-4-197458	43 999	13-5-184745	77 18
13-4-180934	85 1	13-4-192038	24 2	13-4-197458	52 19	13-5-184968	45 5
13-4-181007	40 13	13-4-192046	24 11	13-4-197540	85 38	13-5-184968	65 25
13-4-181767	34 54	13-4-192210	8 17	13-4-197565	16 12	13-5-184968	67 2
13-4-181775	34A 21	13-4-192293	27 18	13-4-197607	57 27	13-5-184968	66 4
13-4-181783	9 23	13-4-192467	1 46	13-4-197649	57 41	13-5-186328	1 21
13-4-182377	7 23	13-4-193077	35 33	13-4-197672	56 1	13-5-186328	60 8
13-4-183110	28 35	13-4-193085	49 7	13-4-197706	57 38	13-5-186591	64 2
13-4-184712	11 12	13-4-193127	42 43	13-4-197714	87 2	13-5-186674	16 54
13-4-184712	11 21	13-4-193259	25 17	13-4-197748	66 17	13-5-187318	65 2
13-4-184969	49 3	13-4-193416	23	13-4-197755	45 1	13-5-187532	36 13
13-4-187319	65 5	13-4-193713	29 15	13-4-197763	45 1	13-5-187581	86 16
13-4-187459	7 24	13-4-193788	84 47	13-4-197771	36 24	13-5-187680	33 53
13-4-187517	26 18	13-4-193796	72 25	13-4-197805	6 14	13-5-188142	138 25
13-4-187541	31 35	13-4-193952	11 6	13-4-197854	49 1	13-5-188142	6813 12
13-4-187541	71 14	13-4-194315	43 37	13-4-197870	49 6	13-5-188233	30 38
13-4-188069	5 29	13-4-194315	438 12	13-4-197995	28 13	13-5-188233	30 50
13-4-188218	30 2	13-4-194356	52 3	13-4-198373	40 15	13-5-188241	27 53
13-4-188234	30 35	13-4-194406	85 15	13-4-198373	40 19	13-5-188241	28 58
13-4-188234	30 45	13-4-194422	86 1	13-4-204296	43 8	13-5-188241	29 41
13-4-188242	27 51	13-4-194489	23 25	13-5-130201	48 28	13-5-188258	27 52
13-4-188242	28 56	13-4-194562	6 79	13-5-144228	23 18	13-5-188258	28 57
13-4-188242	29 38	13-4-194638	1 51	13-5-144228	24 46	13-5-188258	29 39
13-4-188259	20 28	13-4-194646	82 15	13-5-150563	40 22	13-5-188266	32 34
13-4-188580	66 22	13-4-194653	21 24	13-5-160356	40 23	13-5-188357	15 19
13-4-188630	30 19	13-4-194661	72 5	13-5-163327	16 37	13-5-188589	37 4
13-4-188713	35 36	13-4-195114	2 12	13-5-174852	21 35	13-5-188589	86 4
13-4-188721	34 47	13-4-195379	15 4	13-5-174860	20 52	13-5-188621	30 3
13-4-188770	13B 54	13-4-195601	59 14	13-5-178663	5 21	13-5-188720	34A 19
13-4-188812	34 1	13-4-195627	62 24	13-5-179232	10 47	13-5-188779	12 35
13-4-188820	68A 24	13-4-195643	62 23	13-5-179497	10 49	13-5-188787	34A 13
13-4-189471	22 49	13-4-195668	61 15	13-5-180214	34 26	13-5-188803	12 17

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
13-5-188811	34 6	13-5-195667	61 11	13-6-173150	71A 41	13-6-191756	25 18
13-5-188985	71A 29	13-5-195675	61 13	13-6-174398	48 31	13-6-192044	25 8
13-5-189454	33 41	13-5-195691	62 48	13-6-177250	70 22	13-6-192069	27 45
13-5-189504	37 21	13-5-195717	62 4	13-6-180734	34A 27	13-6-192069	28 21
13-5-189645	27 29	13-5-195956	42 51	13-6-180932	85 41	13-6-192291	1 66
13-5-189652	85 54	13-5-196004	59 8	13-6-180999	40 3	13-6-193059	43 27
13-5-189660	86 9	13-5-196137	11 4	13-6-181005	40 8	13-6-193133	42 45
13-5-189868	40 10	13-5-196459	14 65	13-6-181286	28 38	13-6-193364	24 40
13-5-189884	51A 49	13-5-196459	35 32	13-6-181286	28 88	13-6-193471	12 2
13-5-190163	14 3	13-5-196673	27 68	13-6-181773	22 17	13-6-193786	84 45
13-5-190353	18A 43	13-5-196673	28 72	13-6-181781	22 57	13-6-193802	71A 5
13-5-190353	77 35	13-5-196673	29 54	13-6-182235	27 41	13-6-193810	71A 56
13-5-190361	2 7	13-5-196681	27 56	13-6-182235	28 51	13-6-193836	72 36
13-5-190395	1 26	13-5-196681	28 61	13-6-182433	21 28	13-6-194339	43B 1
13-5-190403	1 25	13-5-196681	29 43	13-6-182433	30 4	13-6-194404	71A 19
13-5-190403	2 9	13-5-196699	1 36	13-6-182441	78 26	13-6-194412	69 41
13-5-191419	12 7	13-5-196707	14 33	13-6-184157	9 15A	13-6-194636	1 58
13-5-191450	22 16	13-5-197119	3 1	13-6-184710	11 19	13-6-194669	21 12
13-5-191732	24 51	13-5-197119	58 35	13-6-187564	22 36	13-6-195112	2 5
13-5-191740	24 39	13-5-197135	15 59	13-6-188091	32 3	13-6-195377	15 3
13-5-191757	23 24	13-5-197408	14 62	13-6-188232	30 36	13-6-195526	1 42
13-5-192045	24 3	13-5-197408	52 27	13-6-188232	30 49	13-6-195534	14 8
13-5-192060	23 10	13-5-197416	52 6	13-6-188240	27 62	13-6-195617	62 34
13-5-192060	23 38	13-5-197424	59 8	13-6-188240	28 66	13-6-195625	62 14
13-5-192292	1 31	13-5-197432	52 23	13-6-188240	29 48	13-6-195666	61 23
13-5-192326	20 62	13-5-197440	43 13	13-6-188265	19 1	13-6-195757	5 18
13-5-192326	23 25	13-5-197457	43 35	13-6-188430	66 1	13-6-195765	5 47
13-5-192326	26 22	13-5-197465	87 5	13-6-188588	37 2	13-6-195864	55 23
13-5-192458	1 39	13-5-197531	84 82	13-6-188588	86 5	13-6-195955	42 51
13-5-193043	6 38	13-5-197606	57 26	13-6-188596	36 28	13-6-196144	15 12
13-5-193084	49 9	13-5-197630	56 13	13-6-188653	20 43	13-6-196193	8 27
13-5-193126	42 42	13-5-197648	62 A	13-6-188745	1 4	13-6-196458	14 66
13-5-193365	36 6	13-5-197663	58 27	13-6-188778	138 68	13-6-196771	17 44
13-5-193415	29 21	13-5-197689	70 24	13-6-188778	685 45	13-6-196771	17A 37
13-5-193472	12 13	13-5-197705	57 37	13-6-188794	13A 63	13-6-196854	43A 1
13-5-193712	29 A	13-5-197820	48 1	13-6-188794	68 63	13-6-197191	66 6
13-5-193803	71A 1	13-5-197838	45 2	13-6-188802	12 18	13-6-197191	66 17
13-5-193811	71 11	13-5-197853	49 4	13-6-188810	34 12	13-6-197274	35 34
13-5-193811	71A 64	13-5-197879	47 4	13-6-189412	4 19	13-6-197399	43 24
13-5-194066	11 2	13-5-197994	23 29	13-6-189461	78 16	13-6-197407	52 26
13-5-194355	43A 16	13-5-198257	84 82	13-6-189503	37 22	13-6-197415	14 62
13-5-194413	87 1	13-5-198265	86 6	13-6-189644	85 49	13-6-197415	52 25
13-5-194421	25 14	13-5-198331	45 23	13-6-189651	85 37	13-6-197423	48 38
13-5-194454	43A 999	13-5-199438	26 5	13-6-189826	67 28	13-6-197423	52 10
13-5-194561	11 27	13-5-202778	43 3	13-6-189875	10 61	13-6-197431	52 21
13-5-194637	1 59	13-6-144383	11 28	13-6-189883	51 1	13-6-197449	43 18
13-5-194645	82 5	13-6-160363	40 23	13-6-190451	18 55	13-6-197456	42 9
13-5-194652	72 14	13-6-160371	40 9	13-6-191293	26 18	13-6-197563	16 21
13-5-195113	2 6	13-6-168069	29 59	13-6-191442	22 37	13-6-197613	62 27
13-5-195527	1 42	13-6-173150	26 8	13-6-191467	59 3	13-6-197621	61 6

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
13-6-197647	62 33	13-7-188587	36 25	13-7-196861	5 41	13-8-185111	9 16
13-6-197654	58 16	13-7-188603	138 67	13-7-197109	1 23	13-8-187208	3 21
13-6-197662	58 29	13-7-188603	688 43	13-7-197190	66 6	13-8-187323	65 4
13-6-197670	58 4	13-7-188629	30 15	13-7-197190	66 17	13-8-187802	36 14
13-6-197696	70 3	13-7-188645	19 33	13-7-197398	43 43	13-8-187992	13 51
13-6-197704	70 12	13-7-188678	56 33	13-7-197406	52 22	13-8-188016	58 24
13-6-197712	63 1	13-7-189379	6 66	13-7-197414	52 8	13-8-188230	30 29
13-6-197787	47 2	13-7-189429	68A 21	13-7-197422	52 29	13-8-188255	19 23
13-6-197803	8 11	13-7-189429	688 1	13-7-197422	85 19	13-8-188263	19 2
13-6-197860	56 21	13-7-189452	33 58	13-7-197430	52 12	13-8-188438	57 32
13-6-197878	8 3	13-7-189627	27 23	13-7-197448	43 16	13-8-188560	1 52
13-6-197894	42 14	13-7-189650	33 42	13-7-197588	43 14	13-8-188578	37 17
13-6-197977	42 28	13-7-189825	67 21	13-7-197612	57 19	13-8-188586	66 15
13-6-197993	23 34	13-7-189833	86 2	13-7-197638	56 27	13-8-188602	138 26A
13-6-198371	34 37	13-7-190450	18 52	13-7-197646	62 3	13-8-188602	68B 47
13-6-198652	21 9	13-7-190641	1 15	13-7-197661	58 57	13-8-188644	20 66
13-6-198652	28 18	13-7-191169	43 25	13-7-197695	70 8	13-8-188651	20 A
13-6-198652	72 3	13-7-191243	42 46	13-7-197703	70 1	13-8-188677	56 34
13-6-199437	26 5	13-7-191441	22 32	13-7-197711	62 24	13-8-188719	34 42
13-7-144465	42 33	13-7-191466	60 4	13-7-197794	46 1	13-8-188719	34 47
13-7-160677	34 39	13-7-191474	60 5	13-7-197802	6 65	13-8-188719	40 999
13-7-160677	65 11	13-7-191631	29 31	13-7-197828	66 6	13-8-188768	138 16
13-7-165502	7 3	13-7-191755	25 23	13-7-197836	45 3	13-8-188784	12 25
13-7-165502	14 12	13-7-191979	41 9	13-7-197844	48 17	13-8-188800	18 1
13-7-170478	71A 42	13-7-192043	24	13-7-197851	48 9	13-8-188800	18A 1
13-7-174405	22 29	13-7-192126	43A 4	13-7-197877	8 4	13-8-188818	4 9
13-7-179347	28 1	13-7-192407	43A 17	13-7-197893	14 68	13-8-188826	8 23
13-7-179677	84 54	13-7-193082	43 5	13-7-201265	35 3	13-8-189394	41 37
13-7-180733	34A 7	13-7-193280	62 29	13-7-201265	35 4	13-8-189436	33 27
13-7-180931	85 42	13-7-193470	12 1	13-8-160361	40 24	13-8-189477	22 53
13-7-180998	40 14	13-7-193785	82 43	13-8-163340	56 46	13-8-189659	66 2
13-7-182002	33 35	13-7-193918	18 49	13-8-165535	33 43	13-8-190111	34 24
13-7-182028	30 24	13-7-193991	1 999	13-8-168042	71A 63	13-8-190111	40 999
13-7-182432	21 33	13-7-194353	438 11	13-8-169016	43A 5	13-8-190251	59 24
13-7-182432	30 11	13-7-194361	78 23	13-8-174404	21 6	13-8-190350	18A 40
13-7-182440	21 27	13-7-194403	85 6	13-8-174404	22 10	13-8-190350	77 34
13-7-182440	30 7	13-7-194643	21 15	13-8-174594	8 26	13-8-190566	5 42
13-7-183067	69 51	13-7-194643	32 11	13-8-174636	40 2	13-8-191200	49 8
13-7-184362	10 8	13-7-194643	72 9	13-8-178678	29 11	13-8-191440	22 46
13-7-184966	45 24	13-7-194643	82 9	13-8-178686	12 31	13-8-191739	24 42
13-7-186201	21 36	13-7-194882	1 1	13-8-178702	12 27	13-8-191747	24 1
13-7-187340	14 72	13-7-195111	2 13	13-8-180484	42 35	13-8-191754	25 1
13-7-188033	32 5	13-7-195665	61 25	13-8-180542	84 67	13-8-192042	24 45
13-7-188033	84 46	13-7-195715	62 36	13-8-181797	28 3	13-8-192042	25 6
13-7-188124	44 2	13-7-195756	6 69	13-8-181797	28 15	13-8-192208	12 15
13-7-188231	30 31	13-7-195764	5 49	13-8-182407	5 26	13-8-192406	43A 8
13-7-188231	30 48	13-7-196192	58 67	13-8-183058	69 6	13-8-193495	24 44
13-7-188264	19 11	13-7-196226	15 9	13-8-183066	69 49	13-8-193735	21 8
13-7-188439	57 36	13-7-196606	5 17	13-8-183330	84 76	13-8-193735	72 1
13-7-188579	37 14	13-7-196853	431 13	13-8-185111	7 21	13-8-193784	82 42

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
13-8-193792	72 26	13-9-180731	34A 32	13-9-192421	57 7	13-9-197784	47 1
13-8-193800	71A 4	13-9-183065	69 46	13-9-192447	20 42	13-9-197818	6 13
13-8-193941	11 5	13-9-183628	21 29	13-9-192462	1 45	13-9-197826	66 18
13-8-194337	438 4	13-9-184071	43A 9	13-9-193064	43 13	13-9-197834	46 2
13-8-194386	43A 999	13-9-184071	438 8	13-9-193098	43 6	13-9-197834	47 5
13-8-194493	24 4	13-9-184709	11 13	13-9-193130	42 39	13-9-197859	48 1
13-8-195227	6 53	13-9-185078	14 51	13-9-193627	32 4	13-9-197867	30 1
13-8-195623	62 11	13-9-186431	28 27	13-9-193791	71A 11	13-9-197875	8 6
13-8-195672	61 14	13-9-186431	28 86	13-9-193809	71A 62	13-9-197883	42 1
13-8-195680	55 41	13-9-186746	55 16	13-9-193817	69 59	13-9-197891	56 23
13-8-195698	58 28	13-9-187207	15 58	13-9-194328	35 2	13-9-198709	45 999
13-8-195706	55 32	13-9-187272	16 51	13-9-194377	25 3	13-9-202329	42 54
13-8-195748	61 21	13-9-187322	65 9	13-9-194419	24 26	13-9-202915	26 7
13-8-195755	5 13	13-9-187355	48 32	13-9-194492	24 6	130-1803	2 4
13-8-195763	5 11	13-9-187355	49 14	13-9-194526	66 21	130-4048-A	11 1e
13-8-195789	60 21	13-9-187991	13 57	13-9-194724	23 27	130-4052	12 32
13-8-195953	42 52	13-9-187991	68A 48	13-9-194740	6 3	130-5020-1	10 25
13-8-196126	11 8	13-9-188049	20 71	13-9-194740	6 16	130-5103	3 13
13-8-196456	14 67	13-9-188049	28 29	13-9-194971	12 9	130-5200-1	8 32
13-8-196860	5 36	13-9-188049	28 83	13-9-195358	35 19	130-5210-3	8 15
13-8-197249	43 34	13-9-188247	19 3	13-9-195473	16 36	130-5225-1	8 37
13-8-197405	43 19	13-9-188262	19 12	13-9-195622	62 7	130-5553	6 62
13-8-197413	52 11	13-9-188361	42 19	13-9-195663	58 2	130-5554	6 77
13-8-197421	43 1	13-9-188528	42 18	13-9-195689	62 53	130-6040-1	13B 58
13-8-197439	43 23	13-9-188551	3 28	13-9-195705	55 39	130-6040-1	68B 36
13-8-197447	52 17	13-9-188577	37 1	13-9-195713	55 15	130-6052-1	13B 47
13-8-197454	43 4	13-9-188585	66 16	13-9-195754	5 16	130-6052-1	68B 25
13-8-197603	62 35	13-9-188593	138 41	13-9-195796	60 26	14-182	22 58
13-8-197611	57 24	13-9-188593	68B 20	13-9-196067	4 32	14-182	27 37
13-8-197678	70 7	13-9-188601	138 26	13-9-196216	42 47	14-3022-87	23 26
13-8-197686	70 11	13-9-188601	688 46	13-9-196539	31 29	14-3022-87	23 27
13-8-197702	70 6	13-9-188650	22 41	13-9-196737	16 24	14-415-55	12 23
13-8-197710	62 24	13-9-188726	34A 29	13-9-197370	48 22	15-2-051090	49 8
13-8-197801	6 21	13-9-188809	34 46	13-9-197396	43 32	15-2007	13A 31
13-8-197819	6 12	13-9-189385	13A 35	13-9-197404	43 22	15-2007	68 31
13-8-197850	48 19	13-9-189385	68 35	13-9-197412	52 14	15-6-050536	9 17
13-8-197884	14 71	13-9-189427	68A 40	13-9-197446	52 18	15-6-050536	43 26
13-8-199013	45 999	13-9-189427	68B 31	13-9-197453	35 31	15-8-050518	7 19
13-9-165526	7 1	13-9-189435	33 11	13-9-197461	43 28	15283	58 41
13-9-166029	22 14	13-9-189492	33 59	13-9-197537	45 26	15283	62 54
13-9-166029	22 19	13-9-189641	84 62	13-9-197552	22 1	17-130	31 24
13-9-166052	22 18	13-9-189823	37 3	13-9-197586	14 62	17-17	6 74
13-9-173066	21 3	13-9-189823	86 3	13-9-197594	14 64	17-493	6 33
13-9-178685	12 21	13-9-189864	41 42	13-9-197628	64 1	17-493	38 38
13-9-179162	27 1	13-9-190409	1 27	13-9-197644	62 26	17-493	70 5
13-9-179162	28 8	13-9-191449	22 8	13-9-197669	58 1	17-494	3 51
13-9-179220	27 2	13-9-191738	24 36	13-9-197677	61 1	17-494	3 59
13-9-179220	28 11	13-9-192041	24 47	13-9-197693	70 25	17-494	4 45
13-9-180046	34 27	13-9-192132	29 56	13-9-197768	66 7	17-494	13 52
13-9-180046	85 24	13-9-192199	7 A	13-9-197776	36 1	17-494	58 55

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
17-494	59 21	1815-1017	56 5	182-2021	69 15	182-2062	79 18
17-494	68A 52	1815-1028	57 25	182-2023	69 44	182-2062	80 17
17-57	71 7	1815-1028	58 8	182-2024	69 35	182-2063	73 11
17-57	74 8	1815-3021	56 999	182-2025	72 43	182-2063	79 15
17-57	79 25	1815-4046	15 75	182-2025	73 15	182-2063	80 15
17-686	70 16	1815-5002	55 4	182-2025	79 39	182-2064	73 35
170-1311	50 9	1815-5003	55 3	182-2025	80 39	182-2064	79 15
170-1320	3 61	1815-5004	55 2	182-2025	83 55	182-2064	80 15
170-1320	4 46	1815-5006	57 33	182-2026	69 28	182-2065	72 21
170-1320	13 54	1815-5008	58 23	182-2027	69 9	182-2066	73 31
170-1320	22 24	1815-5020	58 13	182-2028	71 29	182-2066	79 27
170-1320	38 39	1815-5029-A	57 11	182-2030	71 34	182-2066	80 27
170-1320	41 13	1815-5031	57 12	182-2031	71 32	182-2067	73 27
170-1320	42 6	1815-5033	57 5	182-2032	71 31	182-2067	79 28
170-1320	68A 53	1815-5034-1	57 3	182-2033	69 22	182-2067	80 28
170-1331	3 23	1815-5035	57 16	182-2034	69 23	182-2068	73 28
170-1331	6 46	1815-5036	57 2	182-2035	69 24	182-2068	79 29
170-1331	9 29	1815-5038	58 25	182-2036	69 16	182-2068	80 29
170-1331	10 46	1815-6006	18A 45	182-2037	69 63	182-207-A	73 7
170-1331	13 56	1815-6006	59 19	182-2038-A	69 65	182-2070	73 12
170-1331	13A 16	1815-90	15 80	182-2039	69 54	182-20705	69 85
170-1331	15 54	1815-900	17A 35	182-2040	69 64	182-20706	69 82
170-1331	27 59	1815-9044	39 8	182-20401	73 26	182-20707	69 81
170-1331	28 64	1815-9044-A	39 5	182-20402	71A 21	182-2071-A1	74 2
170-1331	29 46	1815-9050-A	17A 2	182-2042	69 67	182-20712	74 12
170-1331	41 32	1815-9051	17 13	182-2043	71A 15	182-20713	74 6
170-1331	50 23	1815-9051	17A 6	182-2044	69 33	182-20714	74 5
170-1331	56 43	1815-908-A	17A 1	182-2045	69 34	182-2073-A	74 14
170-1331	68 16	182-1001	67 27	182-2045-1	69 34	182-2074-A	74 13
170-1331	68A 56	182-1003	67 12	182-2045-2	69 34	182-2075-A	74 17
170-180Z	688 8	182-1005	67 17	182-2046	69 32	182-20750-A	74 19
170-1802	4 37	182-1006	67 26	182-2047	71 6	182-20751	74 22
170-1802	10 24	182-1007	67 16	182-2049	71 4	182-20752	73 6
170-1802	10 44	182-1007	78 7	182-205-A1	73 44	182-20752	79 24
170-1802	138 24	182-1010	67 7	182-205-A2	73 41	182-2077	72 18
170-1802	50 33	182-1017	67 9	182-2050	73 43	182-2080-A	72 27
1720-1031	5 34	182-1021-A	71 25	182-2053	71 5	182-20803	73 2
1720-1031	10 48	182-1025-A	71 24	182-2054	69 66	182-20803	79 2
1720-1031	13A 54	182-1100	78 21	182-2056	73 16	182-20803	80 2
1720-1031	138 52	182-2000	72 20	182-2057	73 14	182-20804	73 4
1720-1031	21 13	182-2011	71A 18	182-2059	79 22	182-20804	79 4
1720-1031	32 7	182-2013	71 19	182-2059	80 24	182-20804	80 4
1720-1031	50 12	182-2014	71 3	182-206-A	73 37	182-20805	73 34
1720-1031	68 54	182-2014	84 1	182-2060	73 32	182-20805	79 46
1720-1031	688 29	182-2015	71 1	182-2060	79 26	182-20805	80 46
1720-1031	72 6	182-2016	75 12	182-2060	80 26	182-20806	73 33
1720-1031	82 6	182-2018-A	69 74	182-2061	73 10	182-2081-A	72 31
18-80	17 25	182-202-A	69 72	182-2061	79 18	182-20810	72 35
18-80	17A 18	182-2020	69 13	182-2061	80 17	182-2085	71A 14
18103	26 19	182-2020-1	69 14	182-2062	73 36	182-2085-A	71A 12

NUMERICAL INDEX

PART NUMBER	DRANG KEY	PART NUMBER	DRAM KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
182-20850	71A 13	182-4031-A	78 1	182-4073-A	33 1	185-3203	18 42
182-2088	75 13	182-4032	78 15	182-4073-A	84 34	185-3203	76 45
182-2089	75 14	182-4033	83 55	182-40730	33 4	185-3204	17 22
182-209-A	69 78	182-4033-A	83 55	182-40730	84 37	185-3204	17A 15
182-2090-	75 9	182-40330	83 55	182-4075	78 9	185-3204	18 41
182-2090-A	75 5	182-4034-A1	79 6	182-4076	78 5	185-3204	76 44
182-20902-A	75 4	182-4034-AI	80 6	182-4078-A	78 11	185-3205-A	17 2
182-20904	75 18	182-4035-A	83 56	182-4079	78 12	185-3208-A	17 9
182-20905	75 1	182-4037	83 51	182-408-A	80 41	185-3210-A	17 2
182-20907	75 19	182-4038	83 49	182-4080	80 22	185-3218	17 11
182-2094-A	72 45	182-404	84 28	182-4081-A	79 5	185-3218	17A 4
182-2096-A	72 42	182-40402	79 11	182-4081-AI	79 1	185-3218	38 9
182-3000	76 29	182-40402	80 10	182-4082-A	80 5	185-3218	39 9
182-3001-A	69 3	182-4041-A	79 9	182-4082-A1	80 1	185-3218	84 14
182-3004	69 5	182-4042-A	79 12	182-4083	79 17	185-3219	17 37
182-3006-A	69 8	182-4042-A	80 11	182-4083	80 16	185-3219	17A 31
182-3013	81 21	182-4043-A	81 19	182-4084	71 9	185-3220	17 18
182-3014	69 7	182-4044-A	81 18	182-4084	84 53	185-3220	17A 12
182-3016	69 86	182-4045	81 14	182-4085	79 16	185-3220-A	17 15
182-3017	69 25	182-4046-A1	81 6	182-4085	80 18	185-3220-A	17A 8
182-3018	69 17	182-4048-A	83 38	182-4086	84 52	185-3224-A	17 8
182-4008	84 51	182-405	84 31	182-4087	84 4	185-3228-A	17 12
182-4009	84 25	182-4050	83 46	182-5000	71A 25	185-3230	17 4
182-4010	79 43	182-4051	83 47	182-5000	81 11	185-3232-A	17 13
182-4010	80 43	182-4052-AI	84 75	182-5008	71A 46	185-3234-A	17 6
182-4011	79 42	182-4055	84 5	182-5008	75 1	185-3238	17 26
182-4011	80 42	182-4056	84 7	182-502	87 13	185-3238	17A 19
182-4012-A	80 23	182-4057-A	84 12	185-2015	42 35	185-3240-A	17 41
182-4013	79 45	182-4058-A	84 9	185-2505-A	10 35	185-3240-A	17A 29
182-4013	80 45	182-406-A	79 41	185-2507-A	10 37	185-3241	17 59
182-4014-A	80 23	182-406-A	80 41	185-2508	10 36	185-3241	17A 53
182-4015-A	79 23	182-4060	84 11	185-2509-A	10 42	185-3250	16 19
182-4016-A	79 23	182-4062	84 18	185-300	14 33	185-3255	16 16
182-4017	80 44	182-4063	84 22	185-3010	14 28	185-3260	16 1
182-4018	79 44	182-4064	84 16	185-3020	16 25	185-3262	16 4
182-402-A	84 29	182-4066	84 44	185-303	15 63	185-3263-A	16 8
182-4020	79 44	182-4066-A	84 42	185-3100	15 20	185-3266	16 9
182-4021	83 25	182-40660	84 23	185-3104	14 47	185-3267	16 3
182-4022	83 58	182-40661	84 43	185-32-A	17 31	185-33-A1	14 35
182-4023	81 10	182-4068-A	81 3	185-32-A	17A 23	185-3304-A	14 2
182-4023-A	81 9	182-4068-A	83 4	185-32-A2	17 1	185-3305-AI	14 36
182-40230	81 26	182-4068-AI	81 1	185-320-A	17 33	185-3311-A	14 42
182-4024	81 25	182-4068-A1	83 1	185-3201	17 36	185-3315	14 41
182-4024-A	81 24	182-40680	81 4	185-3201	17A 28	185-3318-A	14 45
182-4025-A	83 19	182-40680	83 5	185-3202	17 35	185-3320	14 46
182-4026	83 23	182-407	79 41	185-3202	17A 27	185-3323	15 23
182-4027-A	83 33	182-4072	83 17	185-3202	18 43	185-3324	15 21
182-4028	83 32	182-4072-A	83 6	185-3202	76 39	185-3325	14 44
182-403	84 26	182-40720	83 9	185-3203	17 23	185-335-A	38 6
182-4030	83 35	182-40721	83 9	185-3203	17A 16	185-335-A	39 6

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	017G KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
185-3351	38 8	185-347	18A 53	185-3614-A	33 15	185-3715	21 18
185-3352	38 12	185-3470	18A 50	185-3616	33 16	185-3715	72 16
185-3354	38 14	185-3470	77 41	185-3616	72 39	185-3715	72 28
185-3354	39 11	185-3471-A	18A 52	185-3616	83 42	185-3736-A	20 37
185-3355	38 25	185-3471-A	77 43	185-3617	33 17	185-3753-A	41 22
185-3356	38 21	185-3473	18A 15	185-3617	72 38	185-3755	41 19
185-3361-A	38 27	185-3473	77 14	185-3617	83 43	185-3762-A	41 5
185-3361-A	39 15	185-3474	18 31	185-3633-A	27 35	185-3764-A	41 3
185-3362-A	38 2	185-3474	74 37	185-3633-A	82 4	185-4302	82 35
185-3362-A	39 2	185-3475	18 34	185-3633-AS	28 16	185-4303	82 26
185-3363-1A	38 33	185-3475	74 41	185-3633-AS	29 16	185-4425	19 38
185-3365-A	38 37	185-3476-A	18 10	185-3634-A	32 28	185-4425	69 2
185-3366-A	38 28	185-3476-A	74 5	185-3634-A	82 46	185-4464	115 83
185-3405-A	15 68	185-3476-A1	18 6	185-3634-A	82 48	185-4465	15 69
185-34501	18 60	185-3476-A1	74 1	185-3637-A	27 36	185-5000-A	3 27
185-34501	76 35	185-3478-A	18 20	185-3637-A	28 19	185-5000-A	10 55
185-34502	18 61	185-3478-A	74 14	185-3637-A	29 19	185-5001-A	10 20
185-34502	76 36	185-3481-A	18 18	185-3647-A1	83 14	185-5174	3 8
185-34503	18 57	185-3481-A	74 13	185-3648	23 6	185-5174	58 37
185-34503	76 33	185-3484	18 11	185-3648	23 39	185-5220	8 22
185-34504-A	18 59	185-3484	74 6	185-3648	27 6	185-5420-A	9 3
185-34504-A	76 34	185-3485	18 12	185-3648	29 3	185-5421	9 5
185-3451	18A 37	185-3485	74 7	185-3648	83 7	185-5422	9 4
185-3451	77 32	185-3486	18 21	185-3653	73 18	185-5423-A	9 8
185-3453	18A 33	185-3486	61 7	185-3653	79 37	185-5426-A	9 10
185-3453	77 28	185-3486	76 15	185-3653	80 37	185-5428	9 36
185-3454	18A 35	185-3487	18 23	185-3654	73 21	185-5429	9 33
185-3454	77 31	185-3487	76 16	185-3654	79 38	185-5501-A	6 81
185-3455	18A 32	185-3488	18 4	185-3654	80 38	185-5505-A	6 25
185-3455	77 27	185-3488	74 22	185-3655	31 38	185-5508	6 62
185-3457	18A 9	185-3489	18 3	185-3655	73 23	185-5509	10 13
185-3457	77 8	185-3489	76 46	185-3655	79 36	185-5513-A	6 43
185-3460-A	18A 26	185-3490	18 30	185-3655	80 36	185-5516	6 45
185-3460-A	77 25	185-3490	76 24	185-3655	81 12	185-5516	59 26
185-3461-A	18A 19	185-3491	18 46	185-3657-A	31 25	185-5609	5 4
185-3461-A	77 17	185-3497-A	27 49	185-3662	27 65	185-5610	5 3
185-3463-A	18A 24	185-3497-A	28 55	185-3662	28 73	185-5612-A	5 2
185-3463-A	77 24	185-3497-A	29 37	185-3664-A1	27 31	185-570-A	4 44
185-3464	18A 28	185-3502	32 31	185-3673	27 39	185-5702-A	4 21
185-3464	77 26	185-3508	32 37	185-3673	28 49	185-5704-A	4 38
185-3465	18A 5	185-3509	32 38	185-3673	29 32	185-5740-A	4 33
185-3465	77 4	185-3550	32 44	185-368	33 21	185-5745	4 29
185-3466	18A 6	185-3600	33 3	185-3700-A	19	185-5746	4 31
185-3466	77 5	185-3600	: 4 36	185-3705	; : 4 :	185-6003	138 57
185-3467	18A 10	185-3606	3 47	185-3706-A	20 58	185-6003	: ;
185-3467	77 9	185-3606	84 59	185-3709	20 36	185-6004	
185-3468	18A 44	185-3607	33 46	185-3712	21 22	185-6004	4 == 1 ^{6C} ;
185-3468	77 36	185-3607	84 58	185-3713	20 36A	185-6006	67 38
185-3469	18A 51	185-3609-A	3 25	185-3713	24 8	185-6006	68A 51
185-3469	77 42	185-3613	3 1	185-3714	30 42	185-6006	77 37

NUMERICAL INDEX

PART NUMBER	DRAW KEY	PART NUMBER	MANG KEY	PART NUMBER	ORAWG KEY	PART NUMBER	DRAWG KEY
185-6007	13 50	185-7309	51A 41	190-4044	20 59	200-604	21 7
185-6007	68A 50	185-731	51A 45	190-5008	18 7	200-9	13A 39
185-6012	13A 25	185-731-1	S1A 24	190-5008	76 2	200-9	15 38
185-6012	68 25	185-7311	51A 27	190-5052	4 25	200-9	15 52
185-6013	13A 22	185-7313	51A 52	190-5054	14 6	200-9	31 5
185-6013	68 22	185-7315	51A 53	190-5054	17 16	200-9	32 45
185-6014	135 64	185-7316	51A 2	190-5054	17 49	200-9	34A 16
185-6015	1313 12	185-7317-A	51A 8	190-5054	17A 9	200-9	68 39
185-6019	13A 51	185-7318	51A 15	190-5054	17A 43	200-936	22 56
185-6019	68 51	185-7318-1	51A 5	190-5054	20 32	20106	83 41
185-6020-A	13A 52	185-7319	51A 21	190-5054	24 21	206-C-1254	42 44
185-6020-A	68 52	185-732-A	51A 3	190-5342	24 35	21368	34 4
185-6021	13A 50	185-7320	S1A 37	190-6009	67 23	21369	34 5
185-6021	68 50	185-7321	S1A 38	190-6010	78 4	216-1004	67 25
185-6022	13A 56	185-7322	51A 44	190-6206	25 19	216-1212	67 24
185-6022	68 56	185-7323	51A 43	190-9120	10 38	216-1411	32 25
185-6023-A	138 38	185-733-A	51A 46	190-9182	12 37	216-1505-1	21 34
185-6023-A	6813 18	185-734-A	51A 16	190TP-50861	83 52	216-1505-1	30 6
185-603-A	138 45	185-735-A	51 14	192-1317	83 48	216-2401	1 3
185-603-A	685 24	185-736-A	51 4	192-6042-A1	8 16	216-2401	1 11
185-6030-A	13 47	185-7362	51 2	192-6044	8 16	216-2565	4 51
185-6030-A	68A 46	185-737-A	51 3	192-8051	31 39	216-2614-A	
185-6035-A	13 39	185-7406	34A 2	193-9316	74 23	216-2614-A	LI ^A 11
185-6035-A	68A 38	185-7407	34A 5	1937-3734	5 9	216-2614-A1	13A 2
185-604-A	138 44	185-7408	34A 4	1937-3734	10 10	216-2614-AI	13A 36
185-604-A	68B 23	185-7410-A	34A 3	1937-3734	13 4	216-2614-A1	68 11
185-605-A	138 36	185-7412	34A 34	1937-3734	13A 9	216-2614-A1	68 36
185-605-A	688 17	185-9044	85 32	1937-3734	17 5	216-2620-A	13A 3
185-607	13A 29	19-210	9 7	1937-3734	17 40	216-2620-A	68 3
185-607	68 29	19-291	15 19	1937-3734	17A 34	216-2621-A	
185-607-A	13A 28	19-291	18A 23	1937-3734	18 15	216-2621-A	
185-607-A	68 28	19-291	77 23	1937-3734	22 15	216-2622	ii: 1i
185-608	13A 32	19-55	6 44	1937-3734	22 21	216-2622	68 10
185-608	68 32	19-55	38 15	1937-3734	61 5	216-2623-A	13A 13
185-609	13A 30	19-55	39 12	1937-3734	68 9	216-2623-A	68 13
185-609	68 30	19-59	84 23	1937-3734	68A 3	216-2633	13A 46
185-700	42 23	19-59	84 43	1937-3734	68A 10	216-2633	68 46
185-701	42 26	190-102	7 9	1937-3734	68A 47	216-2634	13A 42
185-703	57 39	190-102	27 42	1937-3734	76 9	216-2634	68 42
185-703	69 37	190-102	28 52	194-1013	14 24	216-2640	13A 47
185-703	71 37	190-102	29 34	195-6010	31 9	216-2640	68 47
185-73	51A 51	190-102	31 21	195-6010	74 7	216-2641	13A 67
185-73-1	51A 19	190-102	58 21	195-6064	4 26	216-2641	68 67
185-730	S1A 14	190-102	72 41	195-6064	4 49	216-2642	13A 64
185-730-A	51A 13	190-102	83 57	195-6064	72 47	216-2642	68
185-7300-A	51A 28	190-1027	4 35	196-2015	6 41	216-2643	: : 1
185-7302	51A 18	190-1149	4 39	1977-2008	67 3	216-2645	13A 49
185-7304-A	51A 31	190-1149	15 49	200-186	17 27	216-2645	68 49
185-7307	51A 34	190-3091	57 17	200-186	17A 21	216-2650	13 21
185-7308	51A 39	190-3091	72 23	200-559	1 55	216-2650	68A 17

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
216-2651	13 44	296-1127	17A 52	300665	34 25	37-13-10456	71A 3
216-2651	68A 44	296-1129	17 55	300665	85 27	37-13-10456	71A 66
216-2663	13 12	296-1129	17A 48	301133	14 13	4-234	71A 8
216-2663	68A 9	296-1134	17 19	301133	36 5	4-303	33 2
216-2665-A	13 6	296-1150	17A 7	301133	40 7	4-303	51A 7
216-2665-A	68A 4	296-1170-1	17 34	301133	43 9	4-303	84 35
216-7007	69 77	296-1311	14 16	301133	41 36	4-312	33 28
23093	22 11	296-1317	15 40	301133	43A 15	4-315	17 57
23093	22 39	296-1324	38 4	301133	43B 2	4-315	17A 51
24-33	7 28	296-1324	39 4	301133	48 4	4-331	3 24
250-2025	11 31	296-1636	32 27	301133	49 13	4-331	67 32
2575-1207	83 36	296-1636	71 8	301133	66 23	4-337	1
26-1803	15 47	296-1636	64 24	302771	58 63	4-337	1 14
26-2046	13A 58	296-1656	27 46	302881	18A 16	4-337	3 14
26-2046	68 58	296-1656	28 22	302881	77 15	4-337	13 34
26-40671	16 46	296-1656	29 22	303128	18 45A	4-337	15 41
26-40671	35 11	296-1657	27 46	303128	34A 31	4-337	20 46
26-4073	3 63	296-1657	28 22	303138	10 3	4-337	27 71
26212	34 45	296-1657	29 22	303138	25 13	4-337	28 69
2650-10502	29 2	296-1686	71A 9	305065	48 12	4-337	29 52
27-1061	42 6	296-1697	33 31	305065	48 21	4-337	30 27
27-1061	67 22	296-1697	84 17	305065	49 5	4-337	68A 31
27-1852	29 33	296-1766	38 29	305444	12 8	4-539	5 35
27-1852	29 37	296-1802	14 14	305536	30 17	4-539	67 4
27-1852	57 6	296-324	38 3	305734	86 19	4-553	6 52
27-1852	85 48	296-324	39 3	306734	43B 5	4-553	50 7
27-2125	70 4	296-324	39 14	307327	59 2	4-729	1A 23
27-7077	50 37	3A-1513	19 24	307327	73 13	4-731-A	1 6
27-7405	74 15	3A-19625	83 24	308624	24 14	4-731-A	13
2704	5 53	3A-1965-1	71A 16	308681	48 10	4-731-A	3 15
272-3991	41 10	3A-2603	20 69	308681	48 26	4-731-A	2 28
2750-3626	22 25	3A-2614	28 33	308682	48 18	4-731-A	47
2750-3669	10 9	3A-2614	28 79	308759	69 58	4-731-A	7 69
2750-3733	12 38	3A-4934	45 18	309714	30 22	4-731-A	28 71
2750-3753	76 12	3A-55880	27 22	309714	30 53	4-731-A	29 53
27591	5 48	3A-55880	28 5	310-2105	24 9	4-731-A	30 28
29-1116	14 61	3A-55880	29 14	310-245	60 17	4-818	13A 17
29-11551	16 26	3A-7112	83 21	310-245	70 15	4-818	17 45
29-1220	6 22	3A-7712	15 2	31610	1 65	4-818	17A 38
29-1309	15 55	3A-7743	69 71	320-236	85 36	4-818	68 17
29-14495	6 23	3A-9325-1	16 17	3490-1202	75 11	40-1512	20 9
29-2182	72 29	3A1-1540	56 29	350734	37 6	40-1512	20 56
2940-1806	78 24	3A1-1540	58 3	36-533	33 56	40-1563	14 29
296-1012	16 27	3A5-25511	17 14	36-538	6 36	40-1563	20 57
296-1016	16 34	3AS-25511	83 28	36-538	6 42	40-1563	59 26
296-1016-A	16 32	3A5-26232	10 45	36-553	138 62	40-1813	3 34
296-1052	14 52	3AS-7766	27 61	36-553	68B 39	40-1813	4 15
296-1055	16 56	3A5-7766	28 65	36-554	15 18	40-1813	15 16
296-1061	16 55	3A5-7794	34A 33	36-554	15 22	40-1813	15 24
296-1127	17 58	300665	34 21	36-554	15 36	40-1813	15 53

NUMERICAL INDEX

PART NUMBER	DRAM KEY	PART NUMBER	DRAM KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAM KEY
40-1813	15 74	48-406-114C	68 40	48-406-3670	14 78	48-411-197C	5 27
40-1813	21 4	48-406-150C	73 24	48-406-3670	40 9	48-411-2370	27 41
40-1813	33 38	48-406-154C	5 54	48-406-3670	67 6	48-411-2370	28 51
40-1813	41 4	48-406-154C	7 8	48-406-370C	71 28	48-411-2720	43A 7
40-1836	6 84	48-406-154C	14 56	48-406-370C	78 8	48-411-274C	48 15
40-1836	15 77	48-406-154C	15 39	48-406-3988	37 12	48-411-274C	49 15
40-1836	33 12	48-406-154C	15 51	48-406-3980	34 32	48-411-274C	69 69
40-1836	51A 33	48-406-154C	16 31	48-406-3980	65 15	48-411-277C	138 10
40-1836	56 4	48-406-154C	31 6	48-406-404B	62 9	48-411-277C	20 73
40-1836	61 2	48-406-154C	32 29	48-406-406C	71A 61	48-411-277C	32 52
40-1836	69 84	48-406-154C	32 32	48-406-4448	36 2	48-411-277C	68B 9
40-1871	31 18	48-406-154C	32 46	48-406-447C	8 19	48-411-277C	71A 65
40-1873	31 17	48-406-154C	82 45	48-406-527E	38 11	48-411-2808	1 44
48-011-0005	40 21	48-406-1578	61 18	48-406-564C	75 3	48-411-280B	57 31
48-011-0005	45 8	48-406-157C	138 14	48-406-567C	6 35	48-411-2808	63 4
48-011-0007	48 39	48-406-157C	15 33	48-406-571C	83 27	48-411-2818	36 12
48-011-0007	86 7	48-406-194C	5 52	48-409-078C	40 25	48-411-2818	44 4
48-011-0013	43 31	48-406-194C	136 65	48-409-114C	14 7	48-411-281C	55 13
48-011-0054	34 36	48-406-194C	58 69	48-409-1570	1 29	48-411-283C	18A 47
48-011-0055	85 18	48-406-194C	68A 19	48-409-194C	62 31	48-411-283C	42 21
48-063-1103	56 9	48-406-194C	688 34	48-409-197C	22 31	48-411-283C	77 39
48-063-1103	62 41	48-406-196C	75 16	48-409-1970	34A 14	48-411-3670	18A 21
48-063-1107	2 16	48-406-197C	9 28	48-409-2778	25 26	48-411-3670	29 33
48-063-1121	59 10	48-406-197C	13 17	48-409-2778	36 8	48-411-3670	29 37
48-063-1125	55 17	48-406-197C	16 6	48-409-2778	62 21	48-411-3670	29 55
48-123-0122	438 8	48-406-197C	68A 14	48-409-277C	18A 11	48-411-3670	30 51
48-123-0128	43A 12	48-406-234C	10 61	48-409-277C	77 11	48-411-3670	77 22
48-210-0103	43 41	48-406-234C	16 43	48-409-2770	40 12	48-411-3708	55 8
48-250-0001	59 10	48-406-237C	8 34	48-409-3580	59 16	48-411-3700	42 31
48-250-0002	43 38	48-406-237C	18 32	48-409-3670	2 14	48-411-404C	71A 32
48-281-0105	9 14	48-406-237C	76 38	48-409-370C	20 27	48-411-407C	28 41
48-402-112C	43 29	48-406-2688	16 42	48-409-370C	24 27	48-411-407C	28 84
48-402-112C	43 32	48-406-2720	45 22	48-409-370C	25 13	48-411-410C	23 17
48-402-112C	43 33	48-406-274C	138 21	48-409-3980	59 15	48-411-4100	1 34
48-402-197C	43 21	48-406-274C	688 40	48-409-3980	85 28	48-411-4100	57 35
48-402-197C	45 12	48-406-274C	74 24	48-409-402C	10 29	48-411-4100	58 54
48-403-1128	41 44	48-406-2778	15 57	48-409-4020	84 72	48-411-410D	58 59
48-403-112B	57 9	48-406-277B	36 26	48-409-407C	1 57	48-411-4118	36 21
48-403-154C	16 26	48-406-277C	13 38	48-409-4470	1 28	48-411-412C	55 26
48-403-154C	16 31	48-406-277C	68A 37	48-409-4470	34A 24	48-411-4120	55 31
48-403-157C	20 13	48-406-277C	68A 43	48-411-114C	27 28	48-411-450B	29 24
48-403-1940	81 31	48-406-2770	3 16	48-411-157C	4 24	48-411-45113	36 17
48-403-2770	84 79	48-406-2770	6 37	48-411-157C	13 7	48-411-487C	19 8
48-403-4020	55 24	48-406-280C	13A 69	48-411-157C	20 67	48-411-4900	69 47
48-403-4820	55 19	48-406-280C	68 69	48-411-157C	28 32	48-411-612C	42 13
48-406-082C	8 9	48-406-3170	10 57	48-411-157C	28 82	48-412-0820	43 7
48-406-108B	59 11	48-406-358C	40 17	48-411-157C	50 31	48-412-0820	43 41
48-406-113C	60 23	48-406-364C	688 5	48-411-157C	55 38	48-412-112C	56 24
48-406-114C	8 25	48-406-3678	36 19	48-411-157C	68A 5	48-412-1178	66 24
48-406-114C	13A 40	48-406-367C	6 54	48-411-1570	43A 2	46 A2-1920	56 12

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAW KEY
48-412-197C	35 18	48-423-114C	86 12	48-433-194C	73 19	48-433-572A	58 7
48-412-197C	56 22	48-423-1140	85 17	48-433-194C	79 33	48-433-6078	35 44
48-412-1970	34 44	48-423-192C	87 6	48-433-194C	80 33	48-433-607F	22 27
48-412-277C	30 47	48-423-1978	34 8	48-433-197B	71A 37	48-433-610C	17 3
48-412-277C	45 9	48-423-1970	34 za	48-433-197F	17 32	48-433-610C	17A 3
48-412-277C	55 34	48-423-1970	34 49	48-433-197F	33 51	48-433-610C	72 44
48-412-277C	55 36	48-423-1970	as a	48-433-197F	34 14	48-434-0367	24 37
48-412-277C	59 25	48-423-1970	as 52	48-433-197F	34 16	48-434-0367	25 25
48-412-277C	62 39	48-423-197E	22 4	48-433-197F	34 55	48-434-0407	23 13
48-412-277C	65 1	48-423-277C	87 1	48-433-197F	34 56	48-434-0447	28 34
48-412-277C	66 9	48-423-277C	87 3	48-433-197F	62 37	48-434-0447	28 80
48-412-2770	86 23	48-423-277C	87 11	48-433-197F	84 63	48-434-0490	23 22
48-412-407B	64 3	48-423-3670	34 23	48-433-200F	31 28	48-434-0490	25 9
48-412-490C	8 2	48-423-4078	34 41	48-433-2720	6 11	48-435-031C	71A 31
48-417-1128	66 14	48-423-4078	34 47	48-433-2720	6 63	48-435-035C	3 37
48-417-112C	43 34	48-423-4078	40 999	48-433-2720	26 14	48-435-035C	56 48
48-417-194C	25 22	48-425-082C	71A 24	48-433-2720	71A 48	48-435-0368	23 21
48-417-197C	25 2	48-425-084C	His 13	48-433-274A	69 26	48-435-0368	29 29
48-417-272C	43 15	48-425-0878	35 24	48-433-274A	82 41	48-435-0368	29 57
48-417-358C	45 13	48-425-1140	9 18	48-433-274A	84 2	48-435-036C	13 19
48-419-0820	35 42	48-425-1520	17 20	48-433-2740	34A 15	48-435-036C	20 4
48-419-1120	43 14	48-425-1520	17A 14	48-433-2778	18A 39	48-435-036C	32 24
48-419-1120	43 27	48-425-1548	61 17	48-433-2778	57 8	48-435-036C	40 22
48-419-114C	48 8	48-425-1570	78 25	48-433-2770	77 33	48-435-036C	51A 35
48-419-1548	5 39	48-425-1940	42 16	48-433-2770	85 44	48-435-036C	68A 14
48-419-1548	35 15	48-425-1940	48 16	48-433-280F	69 38	48-435-036C	68A 16
48-419-154B	35 27	48-425-197C	27 55	48-433-2810	34A 17	48-435-036C	82 21
48-419-154C	5 23	48-425-197C	28 59	48-433-364C	69 42	48-435-0360	1 33
48-419-154C	47 3	48-425-197C	29 42	48-433-3678	57 13	48-435-0360	19 7
48-419-1928	5 15	48-425-1970	13 58	48-433-3678	61 27	48-435-0360	28 41
48-419-1920	16 22	48-425-1970	13A 62	48-433-3678	70 9	48-435-0360	28 85
48-419-1940	41 41	48-425-1970	68 62	48-433-3678	85 3	48-435-0360	34 3
48-419-1970	138 50	48-425-1970	68A 49	48-433-370C	17 42	48-435-043C	19 5
48-419-1970	688 28	48-425-272B	35 25	48-433-370C	17A 36	48-435-043C	32 39
48-419-2748	62 6	48-425-2748	48 41	48-433-370C	67 14	48-435-0430	1 38
48-419-274C	48 2	48-425-2740	40 7	48-433-370C	71 23	48-435-0430	18 2
48-419-2778	62 16	48-425-2740	48 25	48-433-398C	86 13	48-435-0430	58 45
48-419-2778	71A 27	48-425-2740	49 12	48-433-4048	71A 68	48-435-0430	61 24
48-419-277C	16 29	48-425-277B	37 25	48-433-4040	34A 9	48-435-0430	76 23
48-419-277C	18 29	48-425-2770	19 28	48-433-404F	32 18	48-435-0430	84 77
48-419-277C	76 26	48-425-3678	37 19	48-433-407A	69 11	48-435-047C	42 13
48-419-2770	14 73	48-425-398C	69 56	48-433-4478	34 17	48-435-047C	42 24
48-419-364C	48 34	48-425-4100	12 3	48-433-4478	34 52	48-435-047C	42 26
48-419-4420	55 13	48-425-447C	60 7	48-433-447C	6 75	48-435-047C	56 32
48-419-5648	36 29	48-426-370C	23 22	48-433-447G	12 34	48-435-505A	35 23
48-422-076C	87 13	48-426-370C	25 5	48-433-447G	34A 23	48-436-0430	4 11
48-422-1148	36 7	48-433-1148	85 14	48-433-484C	14 38	48-436-0430	69 48
48-422-117C	27 67	48-433-194C	17 7	48-433-484C	69 29	48-436-044C	14 54
48-422-117C	28 75	48-433-194C	17A 5	48-433-484C	84 48	48-436-044C	15 79
48-422-367C	50 11	48-433-194C	69 75	48-433-492A	71 18	48-436-044C	16 7

NUMERICAL INDEX

PART NUMBER	DRAWG	KEY	PART NUMBER	DRAWG	KEY	PART NUMBER	DRAWG	KEY	PART NUMBER	DRAWG	KEY
48-436-044C	20	29	48-437-0328	55	6	48-438-205C	71A	69	48-438-206R	34	53
48-436-044C	24	25	48-437-0328	58	20	48-438-205C	73	17	48-438-206R	34A	22
48-436-044C	67	33	48-437-032C	37	5	48-438-205C	74	25	48-438-206R	38	18
48-436-044C	84	33	48-437-032C	86	21	48-438-205C	79	32	48-438-206R	:	:
48-436-0450	22	44	48-437-0320	12	5	48-438-205C	80	32	48-438-206R	51A	23
48-436-0490	10	27	48-437-0320	23	15	48-438-205C	84	3	48-438-206R	55	9
48-436-050C	14	83	48-437-035B	58	12	48-438-205C	84	49	48-438-206R	57	14
48-436-050C	18A	46	48-437-0406	56	6	48-438-206A	3	17	48-438-206R	65	8
48-436-050C	77	38	48-438-202A	40	5	48-438-206A	5	32	48-438-206R	68	61
48-436-054C	3	41	48-438-202B	16	41	48-438-206A	6	37	48-438-206R	75	8
48-436-054C	4	8	48-438-202B	37	9	48-438-206A	10	56	48-438-206R	75	17
48-436-054C	4	28	48-438-202C	45	14	48-438-206A	13B	11	48-438-206R	76	3
48-436-054C	13	11	48-438-202R	34	33	48-438-206A	14	79	48-438-206R	76	25
48-436-054C	15	8	48-438-202R	65	14	48-438-206A	20	68	48-438-206R	77	13
48-436-0628	56	8	48-438-202P	86	14	48-438-206A	45	9	48-438-206R	82	19
48-437-013C	69	57	48-438-204A	45	21	48-438-206A	62	38	48-438-206R	85	2
48-437-0130	34	34	48-438-204A	71A	23	48-438-206A	68A	14	48-438-206R	86	22
48-437-0130	65	13	48-438-204A	87	6	48-438-206A	68A	15	48-438-208B	1	37
48-437-0149	37	11	48-438-204B	5	14	48-438-206A	68B	10	48-438-208B	23	16
48-437-014C	86	15	48-438-204B	35	41	48-438-206B	12	33	48-438-2088	32	41
48-437-0190	16	22	48-438-204B	84	68	48-438-206B	19	27	48-438-208B	34A	18
48-437-0190	84	69	48-438-204R	6	11	48-438-2068	28	31	48-438-208B	42	31
48-437-0208	41	43	48-438-204R	6	51	48-438-206B	28	78	48-438-2088	44	5
48-437-020C	87	6	48-438-204R	6	64	48-438-206B	29	28	48-438-2086	57	29
48-437-0200	138	51	48-438-204R	8	8	48-438-2066	29	55	48-438-2086	61	3
48-437-0200	56	36	48-438-204R	16	22	48-438-206B	35	43	48-438-208C	24	50
48-437-0200	688	30	48-438-204R	26	15	48-438-2068	36	18	48-438-208C	25	4
48-437-0210	26	13	48-438-204R	50	6	48-438-206B	37	26	48-438-208R	12	4
48-437-0210	71A	51	48-438-204R	71A	49	48-438-2068	40	9	48-438-208R	13A	59
48-437-0220	48	23	48-438-205A	138	66	48-438-2068	48	7	48-438-208R	13B	55
48-437-023B	35	13	48-438-205A	62	8	48-438-2068	49	16	48-438-208R	14	54
48-437-0238	35	29	48-438-205A	68A	20	48-438-2068	67	5	48-438-208R	17	46
48-437-023C	48	5	48-438-205A	686	32	48-438-2068	71A	36	48-438-208R	17A	39
48-437-023C	49	17	48-438-2058	5	38	48-438-2068	75	21	48-438-208R	33	29
48-437-023C	71A	71	48-438-2059	5	51	48-438-206C	24	38	48-438-208R	36	11
48-437-025C	71A	35	48-438-205B	14	39	48-438-206C	25	27	48-438-208R	55	7
48-437-0250	85	35	48-438-2058	16	44	48-438-206R	6	26	48-438-208R		34
48-437-026B	14	74	48-438-2058	54A	8	48-438-206R	13	18	48-438-208R	:87	53
48-437-0266	29	27	48-438-2058	35	14	48-438-206R	13A	61	48-438-208R	58	58
48-437-0268	29	55	48-438-2056	35	28	48-438-206R	13B	13	48-438-208R	67	2
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48-437-0260	14	79	48-438-2056	41	39	48-438-206R	18	8	48-438-208R	68	59
48-437-0260	21	17	48-438-2058	85	13	48-438-206R	18	28	48-438-208R	69	39
48-437-0260	32	15	48-438-205C	11	16	48-438-206R	18	33	48-438-208R	71	27
48-437-0260	45	9	48-438-205C	51A	6	48-438-206R	18A	13	48-438-208R	78	6
48-437-0260	60	16	48-438-205C	68B	4	48-438-206R	18A	38	48-438-208R	84	32
48-437-0260	72	11	48-438-205C	69	27	48-438-206R	22	47	48-438-209A	55	29
48-437-0260	82	7	48-438-205C	69	31	48-438-206R	32	23	48-438-209A	58	6
48-437-0318	57	28	48-438-205C	69	43	48-438-206R	32	53	48-438-2098	10	28
48-437-0310	19	6	48-438-205C	69	68	48-438-206R	34	15	48-438-2096	58	11

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY
48-438-2128	56 7	48-438-6058	25 13	50162	59 23	60829	14 4
48-438-214A	67 18	48-441-4106	II 3	50162	61 29	60829	35 47
48-438-367C	55 11	48-450-281C	56 39	50162	62 32	60829	6p 15
48-438-4028	59 12	48-450-4030	7 18	50162	62 42	60829	611 26
48-438-4046	60 24	48-510-2015	10 19	50162	64 4	60964	60 18
48-438-405A	5 24	48-510-2015	42 57	50162	66 8	61390	10 14
48-438-405C	9 19	49-9-181907	83 44	50162	71A 54	61390	SB 65
48-438-405R	43B 13	492-00012	25 3	50162	71A 57	61390	69 45
48-438-405R	62 5	50-1204-1	15 61	50162	85 34	62-10	1 47
48-438-406A	13 26	50-1204-1	70 18	50600	69 62	62-10	41 12
48-438-406A	13A 23	50-1535	6 73	50602	34 27	62-13	41 18
48-438-406A	68 23	50-1535	31 34	50602	62 15	62-16	6 78
48-438-406A	68A 25	50-1535	71 17	50602	81 17	621-84	15 73
48-438-4068	9 27	50-1535	78 14	50603	23 36	63434	27 22
48-438-406R	43A 3	50-2743	72 22	50603	42 35	63434	28 5
48-438-406R	84 81	500-22700	69 21	50603	62 46	63434	29 14
48-438-408A	15 62	50000	85 29	50603	85 23	63434	32 2
48-438-410R	35 5	50001	85 31	50608	12 11	63434	35 8
48-438-410R	35 7	50012	41 38	50608	23 4	638-15	55 33
48-438-503A	55 21	501-111	21 5	50613	15 71	6400-1335	81 16
48-438-5038	35 26	501-111	71A 6	50636	34 21	6400-6080	62 28
48-438-504A	43 36	501-117	6 5	50636	34 25	6400-6080	65 6
48-438-504A	61 16	501-117	6 18	50636	85 26	6400-6080	69 76
48-438-504B	48 24	50109	138 51	50642	11 4	6400-6080	74 18
48-438-504C	58 68	50109	43 2	50648	11 23	6400-6080	78 17
48-438-504C	85 16	50109	43 16	50648	12 26	6400-6080	84 8
48-438-504R	86 11	50109	43 37	50648	40 8	6400-6080	85 45
48-438-505A	13B 49	50109	43 39	50648	65 3	6400-610	1p 2
48-438-505A	43 23	50109	43A 6	50836	14 76	6400-610	* 2
48-438-505A	48 3	50109	43B 5	531-00003	25 3	64205	65 12
48-438-505A	61 19	50109	56 35	531-12247	25 3	64205	85 9
48-438-5058	34 48	50109	63 8	574-00001	25 3	64205	86 8
48-438-5058	34A 26	50109	68B 30	58-260	58 14	64247	37 7
48-438-505C	14 75	50117	40 11	58-361	14 26	64247	4p 16
48-438-505C	30 46	50156	41 12	58-361	16 14	64247	45 15
48-438-505C	35 17	50156	59 9	58-361	16 53	64247	85 11
48-438-505C	688 27	50161	35 4	58-361	17 51	64382	43B 9
48-438-505C	85 7	50161	35 7	58-361	17A 44	65005	f 7
48-438-505C	85 51	50162	2 18	6-21	17 28	65005	6 19
48-438-505R	43A 18	50162	6 56	6-21	17A 22	65777	11 23
48-438-505R	55 35	50162	6 86	60-158	3 42	66-104	14 55
48-438-505R	56 22	50162	8 35	60-158	9 35	66-128	4 13
48-438-507C	63 3	50162	14 82	60-158	15 82	660-1234	26 17
48-438-507R	84 78	50162	19 19	60-158	27 66	660-1234	7/ \ 44
48-438-508B	42 13	50162	34 9	60-158	28 74	660-1604	6 28
48-438-508B	42 21	50162	37 23	60-158	51 12	66031	34 2
48-438-508B	42 24	50162	41 10	60-158	75 15	66051	62 12
48-438-5088	56 31	50162	43 23	60-354-A	38 32	66392	85 22
48-438-509A	62 51	50162	55 34	60-403	1 48	674-1735	16 39
48-438-6056	24 30	50162	59 5	60-403	41 11	678-1437	4 47

NUMERICAL INDEX

PART NUMBER	DRAWG KEY	PART NUMBER	DRAWG KEY	PART NUMBER	BRAWG KEY	PART NUMBER	BRAWG KEY
678-1437	6 32	700-9272	81 28	83-7-104520	21 8	91-2152	13A 44
678-1437	56 44	71-3008	69 55	830-5068	79 14	91-2152	27 4
678-1437	56 52	71-3008	71 16	84-144	84 64	91-2152	27 54
678-1437	84 27	71-3008	79 35	850-2014	5 1	91-2152	28 12
680-30740	82 39	71-3008	80 35	850-2014	18 27	91-2152	28 50
680-33006	14 11	71-4003	51A 17	850-2014	19 34	91-2152	29 4
680-3989	71A 17	71-4006	71 2	850-2014	22 9	91-2152	29 25
680-4015	69 18	71-4006	73 9	850-2014	22 46	91-2152	30 25
680-4016	69 19	71-4024	1 2	850-2014	71A 7	91-2152	37 18
69-1165	38 1	71-4024	1 9	850-2014	72 46	91-2152	41 25
69-1165	39 1	71-4024	13A 34	850-2014	75 20	91-2152	68 5
69-1202	33 37	71-4024	68 34	850-2014	76 21	91-2152	68 44
69-1202	84 15	71-4029	40 6	850-2014	78 13	91-2152	68A 30
69-1214	67 8	71-4036	14 14	850-2014	83 34	91-2152	83 8
69-1240	27 3	71-5012	67 37	850-2014	83 53	91-2152	84 21
69-1240	28 12	71-9056	9 26	850-5009	31 13	91-2205	51A 26
69-1240	29 4	715-9000	28 2	850-5009	58 57	91-2212-1	33 48
69-1240	35 39	715-9000	28 14	850-5009	69 73	91-2212-1	84 57
69-1240	40 22	720-1053	8 31	850-5009	74 9	91-22232	20 53
69-1240	83 8	720-1053	50 38	850-5064	1 49	91-2419	21 37
69-144	3 65	720-2801	73 42	850-5064	30 9	930-1400	33 34
69-172	4 34	75-2026	11 32	850-6033	51A 9	930-1838	62 55
69-188	10 59	750-3452	23 8	86-422	15 30	930-22705-1	17 39
69-188	59 6	750-3452	27 9	86-433	138 56	930-22705-1	17A 33
69-389	6 83	750-3452	29 9	86-433	18A 3	930-3223	4 33
69-509	50 2	750-3452	30 12	86-433	77 2	930-4872	71 33
69-527	10 31	750-3452	82 38	86-439	1a 40	9500-2154	9 12
69-527	12 29	750-3452	83 18	86-439	76 27	976-1250	20 41
69-727	16 2	750-3453	82 37	86-440-A	16 47	976-1250	22 35
69-8	42 34	750-3454	82 27	86-440-A	17 48	976-1250	24 43
69-984	20 44	750-3454-1	82 28	86-440-A	17A 42	976-1250	27 57
69-984	27 63	750-3455-1	82 29	86-544	12 19	976-1250	28 62
69-984	28 67	750-3709	4 48	86-544	16 13	976-1250	29 44
69-984	29 49	750-3709	6 31	90-4021	16 11	976-1250	72 19
69-984	51 11	750-5237	14 43	900-1609	71A 34	99-121	17 43
700-8006	9 9	750-5463	13A 48	900-30023	15 28	99-224	71A 22
700-8006	13A 57	750-5463	68 48	902-8040	19 30	99-224	73 25
700-8006	18 13	750-573	1 19	902-9038	13 42	99-224	81 15
700-8006	18A 7	78-15	14 25	902-9038	68A 41	99-521	13A 53
700-8006	27 21	78-40	27 19	905-9261	41 33	99-521	68 53
700-8006	28 7	78-40	28 6	91-2107	31 16		
700-8006	29 58	78-40	81 2	91-2107	71 35		
700-8006	68 57	78-40	83 3	91-2107	73 29		
700-8006	76 8	80-1206	14 37	91-2107	79 31		
700-8006	77 6	80-1209	24 32	91-2107	80 31		
700-8006	81 5	81-7026	51A 48	91-2108	18 51		
700-8006	83 2	83-1-104419	73 1	91-2108	24 31		
700-9272	15 29	83-3-105208	21 38	91-2152	1 64		"
700-9272	27 16	83-3-105216	73 5	91-2152	13 32		
700-9272	28 9	83-4-105207	21 38A	91-2152	13A 5		

Service Publications

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