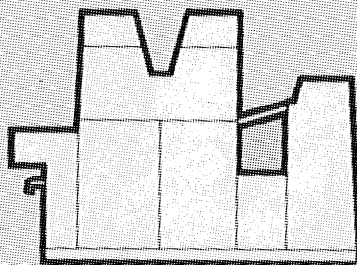


SMALL OFFSET PRESS

Don

HAMADA

β 252 *β 252-SF*



PARTS CATALOG



HAMADA

HAMADA PRINTING PRESS MFG. CO., LTD.

How to use Parts Catalog

1. Find the parts you need in the illustrations and get their code numbers and descriptions in this parts catalog. Your order must show: ① index numbers, ② code numbers, and ③ quantities required.

For structural accuracy, we supply certain parts already assembled into larger unit components instead of supplying basic members individually.

2. Some of the parts are for use in β Series only and some are not. Parts of β Series are shown in the catalog as follows.

(Example)

5801-03008 5801 = Group symbol
 03 = Sub-division
 008 = Parts code
5801-03008A A = Assembly

3. The parts which are not exclusive to HAMADA Series but used in our all other presses (high speed rotary letterpresses, web offset, etc.) are shown as follows:

(Example)

101-366 101 = Hexagonal bolt
 366 = 6mm dia. 16mm long

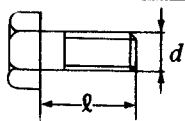
4. This parts catalog is designed for use of all β Series Presses (β 252, β 252-SF) and quantities of parts needed for respective presses can be found as per Units per Assembly.
5. This parts catalog has 7 groups, which are composed of the parts exclusively used on β Series and the parts (H. M. I. G. F. A. X. R. B. U. CK. KC. PC.) interchangeably used on other Hamada Series Presses.

5801 Group Feed Section (β 252)
5802 Group Press Section, Drive Section
5803 Group Ink Section, Dampening Section,
 Blanket Cleaner
5804 Group Delivery Section
5805 Group Covers
5813 Group Feed Section (β 252-SF)
E Group Electric Section

6. The exploded views contained in the Catalog will help understanding of mechanism and will be found useful in making simple repair.
7. Subject to change without prior notice.

規格部品リスト STANDARD STOCK PARTS. NO.

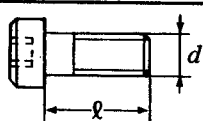
六角ボルト



Screw

	$d \times l$
101 - 358	M 6 x 8
101 - 360	M 6 x 10
101 - 362	M 6 x 12
101 - 365	M 6 x 15
101 - 366	M 6 x 16
101 - 370	M 6 x 20
101 - 375	M 6 x 25
101 - 380	M 6 x 30
101 - 380A	M 6 x 30A
101 - 381	M 6 x 35
101 - 382	M 6 x 40
101 - 383	M 6 x 45
101 - 384	M 6 x 50
101 - 408	M 4 x 8
101 - 412	M 4 x 12
101 - 415	M 4 x 15
101 - 420	M 4 x 20
101 - 425	M 4 x 25
101 - 430	M 4 x 30
101 - 470	M 8 x 20
101 - 475	M 8 x 25
101 - 480	M 8 x 30
101 - 481	M 8 x 35
101 - 482	M 8 x 40
101 - 483	M 8 x 45
101 - 484	M 8 x 50
101 - 488	M 8 x 70
101 - 508	M 5 x 8
101 - 510	M 5 x 10
101 - 512	M 5 x 12
101 - 515	M 5 x 15
101 - 516	M 5 x 16
101 - 525	M 5 x 25
101 - 530	M 5 x 30
101 - 531	M 5 x 35
101 - 556	M10 x 16
101 - 565	M10 x 25
101 - 570	M10 x 30
101 - 571	M10 x 35
101 - 620	M12 x 30

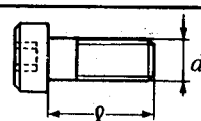
キャップ
ボルト



Screw

	$d \times l$
117 - 330	M 3 x 30
117 - 358	M 6 x 8
117 - 360	M 6 x 10
117 - 360.01	M 6 x 10
117 - 362	M 6 x 12
117 - 365	M 6 x 15
117 - 368	M 6 x 18
117 - 368.01	M 6 x 18
117 - 370	M 6 x 20
117 - 372	M 6 x 22
117 - 375	M 6 x 25
117 - 380	M 6 x 30
117 - 381	M 6 x 35
117 - 382	M 6 x 40
117 - 382A	M 6 x 40A
117 - 383	M 6 x 45
117 - 383A	M 6 x 45A
117 - 384	M 6 x 50
117 - 385	M 6 x 55
117 - 387	M 6 x 65
117 - 389	M 6 x 75
117 - 405	M 4 x 5
117 - 408	M 4 x 8
117 - 410	M 4 x 10
117 - 412	M 4 x 12
117 - 415	M 4 x 15
117 - 425	M 4 x 25
117 - 430	M 4 x 30
117 - 430A	M 4 x 30A
117 - 465	M 8 x 15
117 - 468	M 8 x 18
117 - 470	M 8 x 20
117 - 472	M 8 x 22
117 - 475	M 8 x 25
117 - 480	M 8 x 30
117 - 480A	M 8 x 30A
117 - 481	M 8 x 35
117 - 482	M 8 x 40
117 - 484	M 8 x 50
117 - 485	M 8 x 55
117 - 487	M 8 x 65
117 - 508	M 5 x 8
117 - 510	M 5 x 10
117 - 512	M 5 x 12
117 - 512.01	M 5 x 12
117 - 515	M 5 x 15
117 - 518	M 5 x 18
117 - 520	M 5 x 20
117 - 522	M 5 x 22
117 - 525	M 5 x 25
117 - 530	M 5 x 30
117 - 531	M 5 x 35
117 - 533	M 5 x 45
117 - 540	M 5 x 60
117 - 560	M10 x 20
117 - 565	M10 x 25
117 - 570	M10 x 30
117 - 571	M10 x 35
117 - 572	M10 x 40
117 - 574	M10 x 50

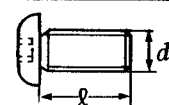
キャップ
ボルト



Screw

	$d \times l$
117 - 576	M10 x 60
117 - 580	M10 x 80
117 - 630	M12 x 30
117 - 632	M12 x 35
117 - 633	M12 x 40

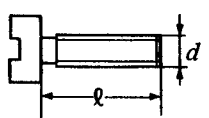
六角穴付
なべ小ネジ



Screw

	$d \times l$
125 - 605	M 3 x 5
125 - 606	M 3 x 6
125 - 608	M 3 x 8
125 - 610	M 3 x 10
125 - 612	M 3 x 12
125 - 615	M 3 x 15
125 - 620	M 3 x 20
125 - 630	M 3 x 30
125 - 655	M 4 x 5
125 - 656	M 4 x 6
125 - 658	M 4 x 8
125 - 665	M 4 x 15
125 - 668	M 4 x 18
125 - 675	M 4 x 25
125 - 680	M 4 x 30
125 - 706	M 5 x 6
125 - 708	M 5 x 8
125 - 710	M 5 x 10
125 - 712	M 5 x 12
125 - 712.01	M 5 x 12
125 - 715	M 5 x 15
125 - 718	M 5 x 18
125 - 720	M 5 x 20
125 - 725	M 5 x 25
125 - 730	M 5 x 30
125 - 731	M 5 x 35
125 - 760	M 6 x 10
125 - 762	M 6 x 12
125 - 765	M 6 x 15
125 - 770	M 6 x 20

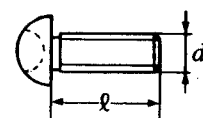
平小ネジ



Screw

	$d \times l$
111 - 362	M 6 x 12
111 - 408	M 4 x 8
111 - 525	M 5 x 25

十字穴付
ボルト

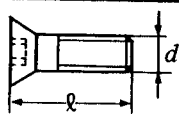


Screw

	$d \times l$
125 - 110.01	M 4 x 10
125 - 180	M 5 x 30

六角穴付
さらボルト

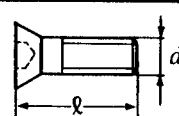
Screw



	$d \times l$
122 - 006	M 3 x 6
122 - 008	M 3 x 8
122 - 010	M 3 x 10
122 - 056	M 4 x 6
122 - 058	M 4 x 8
122 - 060	M 4 x 10
122 - 065	M 4 x 15
122 - 108	M 5 x 8
122 - 108.01	M 5 x 8
122 - 110	M 5 x 10
122 - 112	M 5 x 12
122 - 115	M 5 x 15
122 - 125	M 5 x 25
122 - 132	M 5 x 45
122 - 162	M 6 x 12
122 - 165	M 6 x 15
122 - 165.01	M 6 x 15
122 - 170	M 6 x 20
122 - 180	M 6 x 30
122 - 181	M 6 x 35
122 - 195	M 6 x 45
122 - 765	M 8 x 15
122 - 768	M 8 x 18
122 - 770	M 8 x 20
122 - 800	M 8 x 50

十字穴付
さら小ネジ

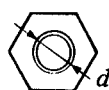
Screw



	$d \times l$
122 - 512	M 5 x 12

六角ナット

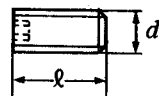
Nut



	d
170 - 103	M 3
170 - 104	M 4
170 - 104.1	M 4
170 - 105	M 5
170 - 106	M 6
170 - 106.1	M 6
170 - 106.3	M 6
170 - 108	M 8
170 - 108.1	M 8
170 - 108.3	M 8
170 - 110	M10
170 - 110.3	M10
170 - 110.36	M10
170 - 112	M12
170 - 112.3	M12

ホローセット
ネジ

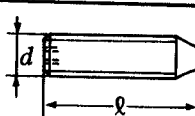
Set Screw



	$d \times l$
145 - 305	M 3 x 5
145 - 355	M 6 x 5
145 - 356	M 6 x 6
145 - 358	M 6 x 8
145 - 360	M 6 x 10
145 - 362	M 6 x 12
145 - 365	M 6 x 15
145 - 368	M 6 x 18
145 - 375	M 6 x 25
145 - 380	M 6 x 30
145 - 404	M 4 x 4
145 - 405	M 4 x 5
145 - 406	M 4 x 6
145 - 410	M 4 x 10
145 - 458	M 8 x 8
145 - 460	M 8 x 10
145 - 462	M 8 x 12
145 - 465	M 8 x 15
145 - 467	M 8 x 20
145 - 475	M 8 x 25
145 - 480	M 8 x 30
145 - 505	M 5 x 5
145 - 505.01	M 5 x 5
145 - 506	M 5 x 6
145 - 508	M 5 x 8
145 - 510	M 5 x 10
145 - 512	M 5 x 12
145 - 515	M 5 x 15
145 - 530	M 5 x 30
145 - 570	M10 x 20

ホローセット
ネジ

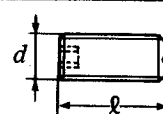
Set Screw



	$d \times l$
140 - 366	M 6 x 16
140 - 370	M 6 x 20
140 - 372	M 6 x 22
140 - 375	M 6 x 25
140 - 260	M 5 x 12

六角穴付
止めねじ

Set Screw



	$d \times l$
141 - 355	M 6 x 5
141 - 356	M 6 x 6
141 - 358	M 6 x 8
141 - 406	M 4 x 6
141 - 408	M 4 x 8
141 - 460	M 8 x 30
141 - 506	M 5 x 6
141 - 556	M10 x 16

ロックワッシャ

Lock Washer



	d
180 - 103	3.1φ
180 - 104	4.1φ
180 - 104.01	4.1φ
180 - 105	5.1φ
180 - 105.01	5.1φ
180 - 106	6.1φ
180 - 106.01	6.1φ
180 - 108	8.2φ
180 - 108.01	8.2φ
180 - 110	10.2φ
180 - 112	12.2φ
180 - 114	14.2φ
180 - 116	16.2φ

ワッシャ

Flat Washer



	d
184 - 103	3.2φ
184 - 104	4.3φ
184 - 105	5.3φ
184 - 106	6.4φ
184 - 106.3	6.4φ
184 - 108	8.4φ
184 - 110	10.5φ
184 - 112	13φ
184 - 114	15φ
184 - 116	16φ
184 - 120	20φ

ネジ用皿バネ

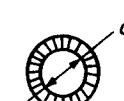
Washer



	d
180 - 403	3
180 - 404	4
180 - 405	5
180 - 406	6
180 - 408	8
180 - 410	10
180 - 412	12

穴付ボルト用
皿バネ

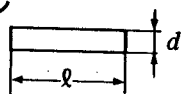
Washer



	d
180 - 404.1	4
180 - 405.1	5
180 - 406.1	6
180 - 408.1	8
180 - 410.1	10

スプリングピン

Roll Pin



	$d \times l$
183 - 140	$1.6\phi \times 10$
183 - 142	$1.6\phi \times 14$
183 - 148	$2\phi \times 6$
183 - 149	$2\phi \times 8$
183 - 150	$2\phi \times 10$
183 - 151	$2\phi \times 12$
183 - 154	$2\phi \times 18$
183 - 155	$2\phi \times 20$
183 - 165	$2.5\phi \times 10$
183 - 168	$2.5\phi \times 16$
183 - 170	$2.5\phi \times 20$
183 - 172	$2.5\phi \times 25$
183 - 178	$3\phi \times 6$
183 - 179	$3\phi \times 8$
183 - 180	$3\phi \times 10$
183 - 181	$3\phi \times 12$
183 - 182	$3\phi \times 14$
183 - 183	$3\phi \times 16$
183 - 184	$3\phi \times 18$
183 - 185	$3\phi \times 20$
183 - 186	$3\phi \times 22$
183 - 187	$3\phi \times 25$
183 - 188	$3\phi \times 28$
183 - 189	$3\phi \times 32$
183 - 192	$3\phi \times 45$
183 - 200	$4\phi \times 10$
183 - 201	$4\phi \times 12$
183 - 203	$4\phi \times 16$
183 - 204	$4\phi \times 18$
183 - 205	$4\phi \times 20$
183 - 206	$4\phi \times 22$
183 - 207	$4\phi \times 25$
183 - 208	$4\phi \times 28$
183 - 208.1	$4\phi \times 30$
183 - 209	$4\phi \times 32$
183 - 210	$4\phi \times 36$
183 - 229	$5\phi \times 32$
183 - 231	$5\phi \times 40$
183 - 248	$6\phi \times 30$

軸受ナット



Nut

	$d \times \text{Pitch}$
174 - 702	M15 x 1
174 - 704	M20 x 1
174 - 705	M25 x 1.5

軸受用座金

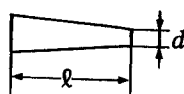


Washer

	D
180 - 702	15φ
180 - 704	20φ

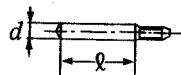
テーパピン

Taper Pin



	$d \times l$
182 - 110	$2\phi \times 20$
182 - 132	$2.5\phi \times 25$
182 - 142.1	$3\phi \times 15$
182 - 145	$3\phi \times 20$
182 - 146	$3\phi \times 22$
182 - 147	$3\phi \times 25$
182 - 149	$3\phi \times 32$
182 - 169	$4\phi \times 32$
182 - 170	$4\phi \times 36$
182 - 189	$5\phi \times 32$
182 - 190.1	$5\phi \times 35$
182 - 190	$5\phi \times 36$
182 - 191	$5\phi \times 40$
182 - 192	$5\phi \times 45$
182 - 211	$6\phi \times 40$
182 - 212	$6\phi \times 45$
182 - 213	$6\phi \times 50$
182 - 213.1	$6\phi \times 55$
182 - 215	$6\phi \times 63$
182 - 223.1	$7\phi \times 55$
182 - 252	$8\phi \times 80$

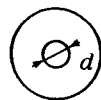
テーパボルト



Taper Bolt

	$d \times l$
182 - 604	$5\phi \times 40$
182 - 632	$8\phi \times 30$

特殊平座金



Flat Washer

	d
184 - 156	6.4φ
184 - 159	8.4φ
184 - 190	6.4φ

E型ワッシャ



E-Ring

	d
181 - 403	3φ
181 - 404	4φ
181 - 405	5φ
181 - 406	6φ
181 - 408	8φ
181 - 410	10φ
181 - 412	12φ

軸用C形止め輪



C-Ring

	d
181 - 008	8φ
181 - 010	10φ
181 - 011	11φ
181 - 012	12φ
181 - 016	16φ
181 - 018	18φ
181 - 020	20φ
181 - 025	25φ
181 - 030	30φ
181 - 032	32φ
181 - 070	70φ

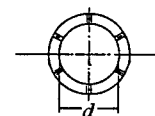
穴用C形止め輪



C-Ring

	D
181 - 226	26φ
181 - 228	28φ
181 - 230	30φ
181 - 232	32φ
181 - 235	35φ
181 - 242	42φ
181 - 247	47φ
181 - 252	52φ

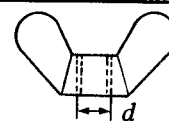
波座金



Wave Washer

	d
180 - 176	6φ
180 - 180	12φ

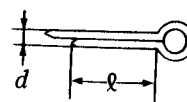
蝶ナット



Wing Nut

	d
163 - 106	M 6

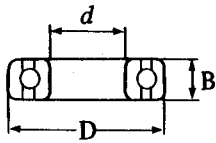
割ピン



Cotter Pin

	$d \times l$
183 - 743	$1.6\phi \times 10$
183 - 744	$1.6\phi \times 12$
183 - 745	$1.6\phi \times 15$
183 - 764	$2\phi \times 12$
183 - 767	$2\phi \times 20$

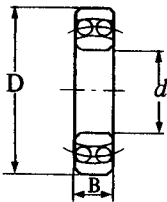
ベアリング



Bearing

	d	X	D	X	B
250 - 000	10φ	x	26φ	x	8
250 - 000.6	10φ	x	26φ	x	8
250 - 001	12φ	x	28φ	x	8
250 - 001.6	12φ	x	28φ	x	8
250 - 002.6	15φ	x	32φ	x	9
250 - 003	17φ	x	35φ	x	10
250 - 004	20φ	x	42φ	x	12
250 - 085.6	5φ	x	11φ	x	3
250 - 088.6	8φ	x	16φ	x	4
250 - 104.6	4φ	x	12φ	x	4
250 - 108	8φ	x	22φ	x	7
250 - 108.6	8φ	x	22φ	x	7
250 - 108.7	8φ	x	22φ	x	7
250 - 109.6	9φ	x	24φ	x	7
250 - 125	5φ	x	16φ	x	5
250 - 126	5φ	x	19φ	x	6
250 - 126.6	5φ	x	19φ	x	6
250 - 128.6	8φ	x	24φ	x	8
250 - 138.6	8φ	x	28φ	x	9
250 - 200	9φ	x	26φ	x	8
250 - 200.6	9φ	x	26φ	x	8
250 - 201	12φ	x	32φ	x	10
250 - 201.6	12φ	x	32φ	x	15
250 - 202.6	15φ	x	35φ	x	11
250 - 204.2	20φ	x	47φ	x	14
250 - 204.6	20φ	x	47φ	x	14
250 - 205.6	25φ	x	52φ	x	15
250 - 205.8	25φ	x	52φ	x	15

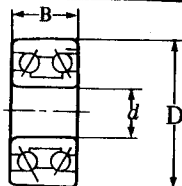
自動調心玉軸受



Bearing

	d	X	D	X	B
251 - 202	15φ	x	35φ	x	11
251 - 205	25φ	x	52φ	x	15
251 - 501	12φ	x	32φ	x	14

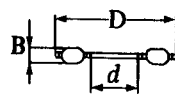
複列アンギュラ
玉軸受



Bearing

	d	X	D	X	B
250 - 502	15φ	x	35φ	x	15.9
250 - 504	20φ	x	47φ	x	20.6

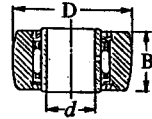
スラスト
針状コロ軸受



Thrust Needle Bearing

	d	X	D	X	B
258 - 351	12φ	x	26φ	x	2
258 - 351.1	12φ	x	26φ	x	2
258 - 352	15φ	x	28φ	x	2
258 - 352.1	15φ	x	28φ	x	2

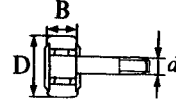
ローラフォロア



Roller Follower

	d	X	D	X	B
258 - 568	6φ	x	19φ	x	2
258 - 572	15φ	x	35φ	x	14
258 - 631	6φ	x	19φ	x	12
258 - 635.2	15φ	x	35φ	x	19

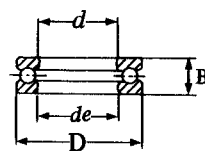
ローラフォロア



Roller Follower

	d	X	D	X	B
258 - 650	6φ	x	16φ	x	11
258 - 650.2	6φ	x	16φ	x	11
258 - 651.1	8φ	x	19φ	x	11
258 - 651.2	8φ	x	19φ	x	11
258 - 651.3	8φ	x	19φ	x	11

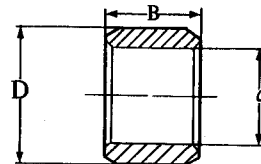
単式スラスト
玉軸受



Bearing

	d	X	de	X	D	X	B
256 - 104	20φ	x	21φ	x	35φ	x	10

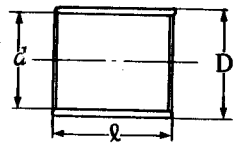
内輪



Bearing

	d	X	D	X	B
258 - 303	25φ	x	29φ	x	20

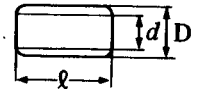
D Uブッシュ



Bushing

	d	X	D	X	l
243 - 508	8φ	x	10φ	x	8
243 - 511	10φ	x	12φ	x	10
243 - 528	18φ	x	20φ	x	20

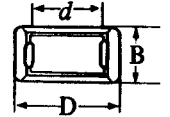
ブッシュ



Bushing

	d	X	D	X	l
243 - 601	5φ	x	7φ	x	6
243 - 610	8φ	x	10φ	x	12
243 - 617	12φ	x	14φ	x	10
243 - 619	12φ	x	14φ	x	15
243 - 625	14φ	x	16φ	x	20
243 - 633	16φ	x	18φ	x	15
243 - 634	16φ	x	18φ	x	20
243 - 641	6φ	x	8φ	x	20

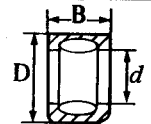
保持器付針状
コロ軸受



Needle Bearing

	d	X	D	X	B
257 - 140	29φ	x	38φ	x	20

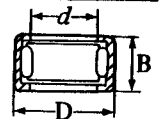
ラジアルニードル
ベアリング



Needle Bearing

	d	X	D	X	B
258 - 235	1/4"	x	7/16"	x	7/16"

シェル形
針状コロ軸受

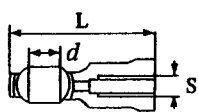


Needle Bearing

	d	X	D	X	B
258 - 067	12φ	x	19φ	x	12

ロッドエンド
軸受

Joint

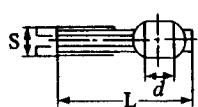


$d \times S \times L$

258 - 856	$6\phi \times M 6 \times 45$
258 - 858.1	$8\phi \times M 8 \times 47$
258 - 860	$10\phi \times M10 \times 56$
258 - 860.1	$10\phi \times M10 \times 56$

ロッドエンド
軸受

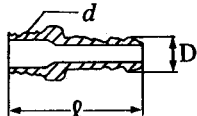
Joint



$d \times S \times L$

258 - 858.3	$8\phi \times M 8 \times 53$
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ホースニップル



Hose Nipple

$D \times d \times l$

321 - 604	$6.5\phi \times 1/4 \times 38$
321 - 609	$11\phi \times 3/8 \times 46$

サークリップ

Cir Clip

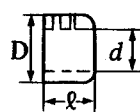


d

181 - 622	22ϕ
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カラー

Collar

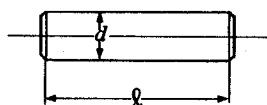


$d \times D \times l$

185 - 0810.01	$8\phi \times 16\phi \times 10$
185 - 1615.01	$16\phi \times 28\phi \times 15$

平行ピン

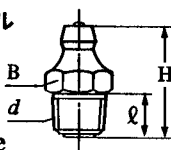
Pin



$d \times l$

220 - 045	$3\phi \times 16$
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グリスニップル



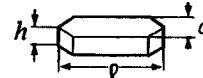
Grease Nipple

$d \times l \times H \times B$

323 - 104	$1/8 \times 8 \times 20 \times 10$
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キー

Key



$d \times h \times l$

188 - 015	$4 \times 4 \times 20$
188 - 052	$6 \times 6 \times 25$
188 - 060	$6 \times 6 \times 63$
188 - 070	$8 \times 7 \times 20$
188 - 072	$8 \times 7 \times 25$
188 - 077	$8 \times 7 \times 45$
188 - 078	$8 \times 7 \times 50$

Oリング



O-Ring

d

324 - 314	11.8ϕ
324 - 324	22.1ϕ

六角袋ナット



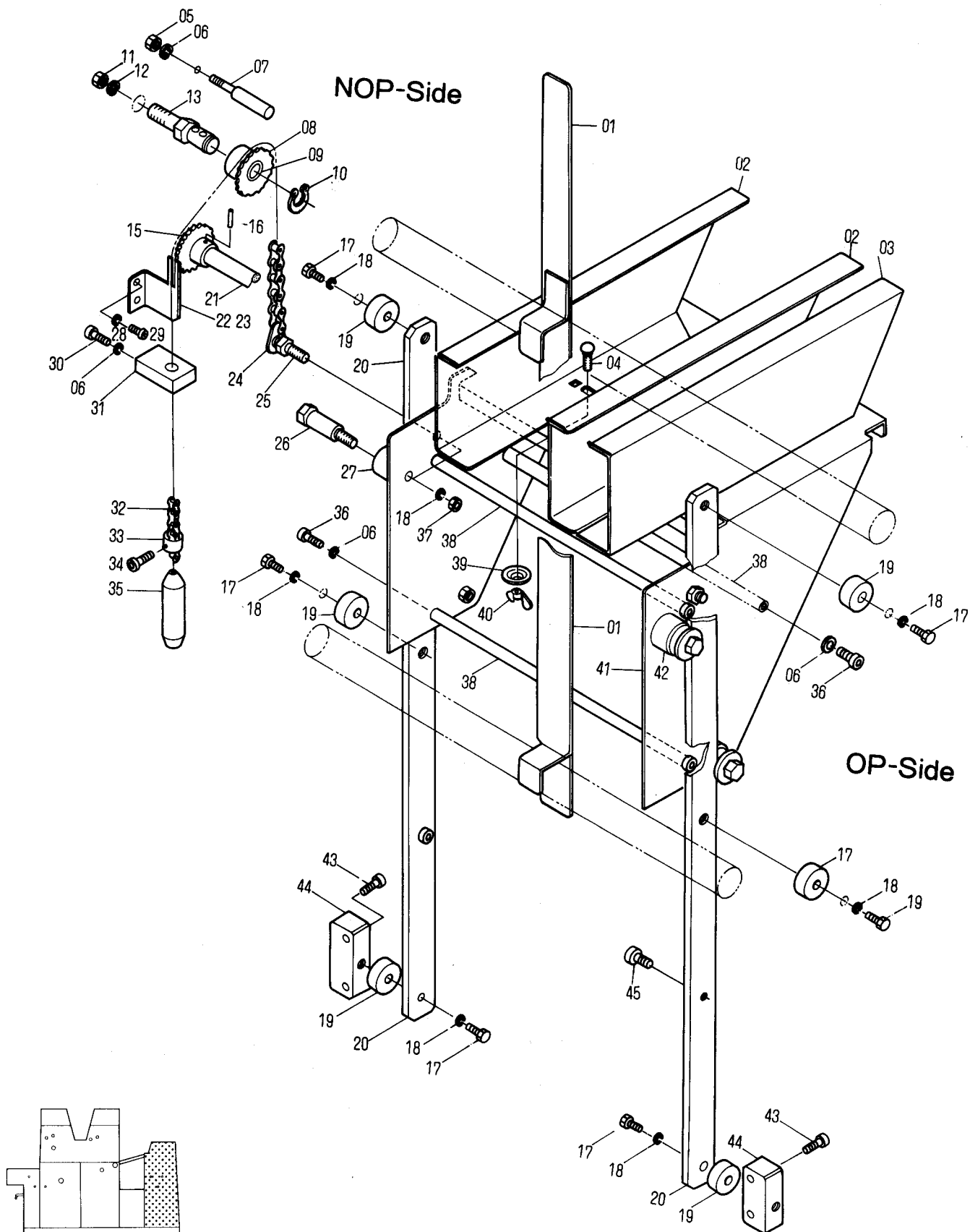
Nut

d
M 8

170 - 508	
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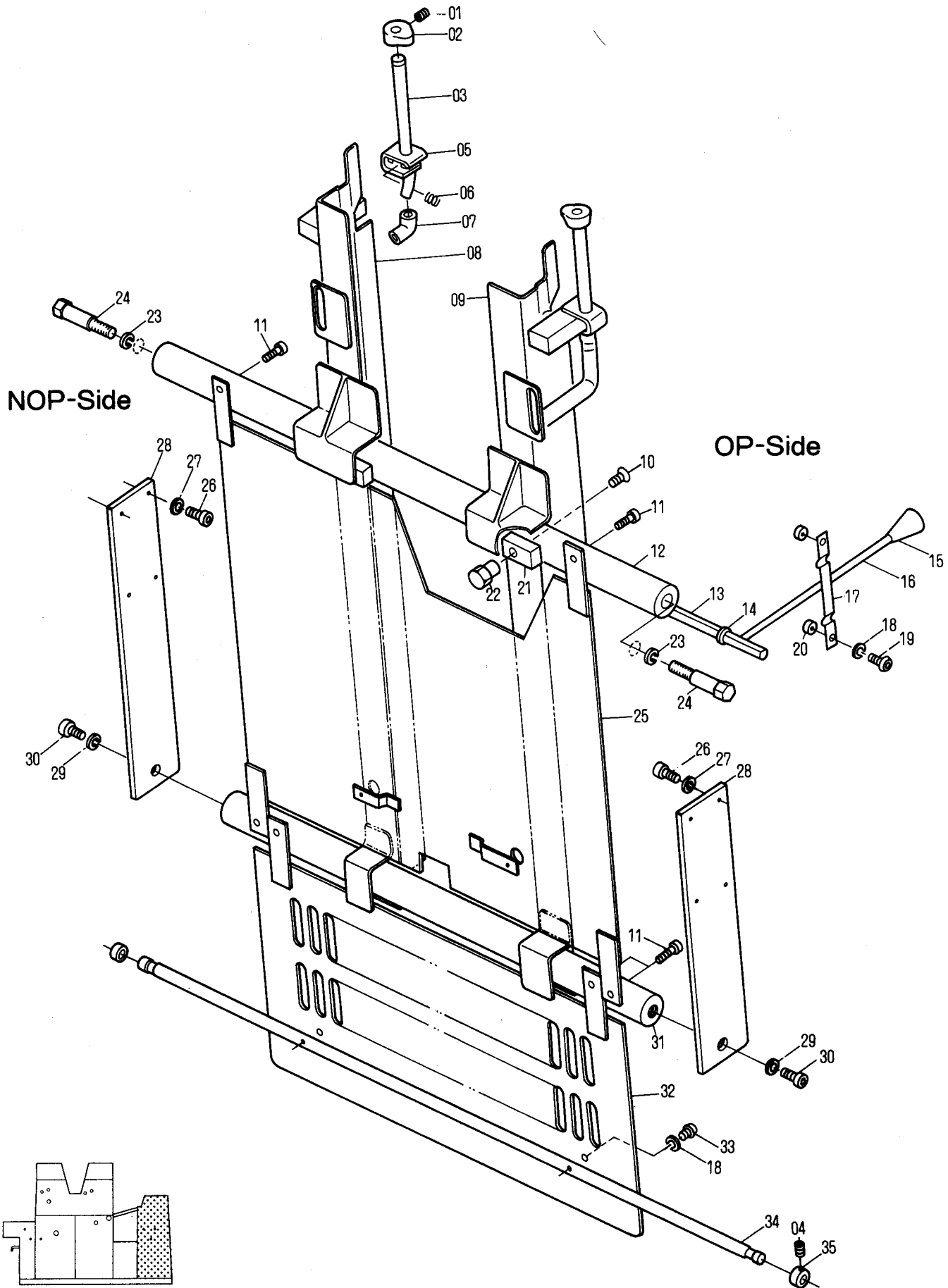
NOP-Side

OP-Side



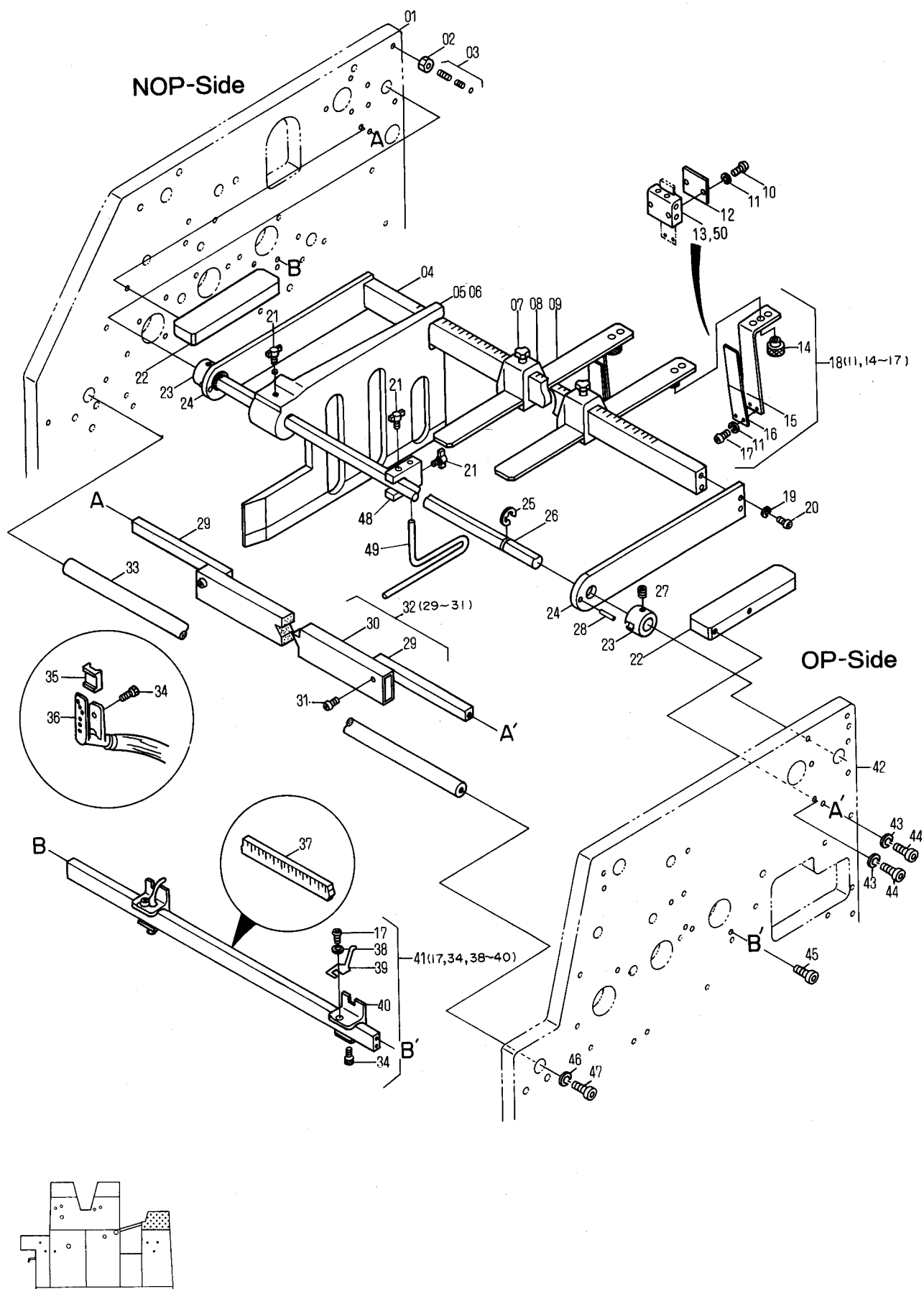
E2001

- 11 -



E2002

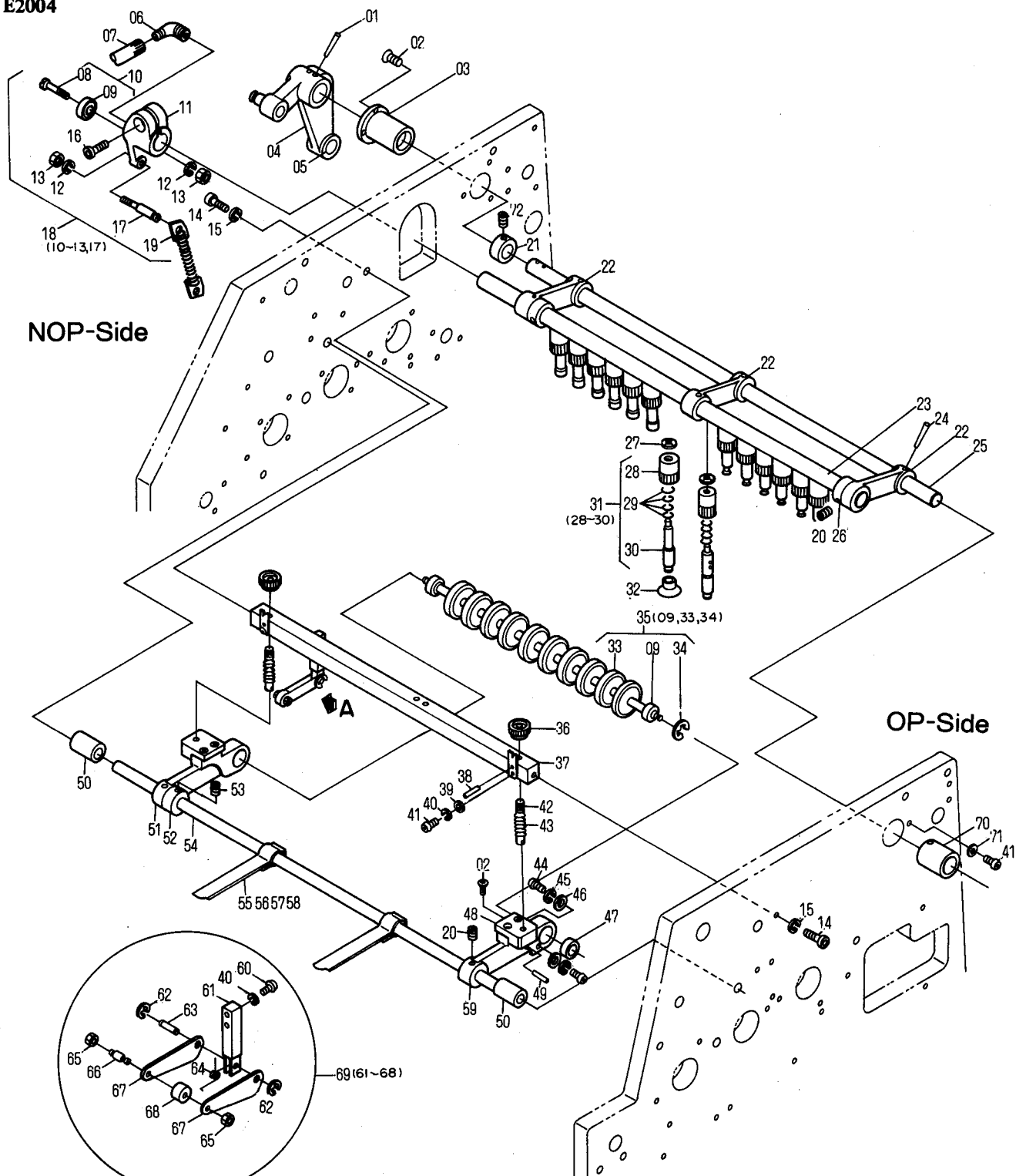
- 13 -



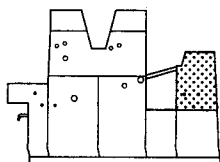
E2003

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E2004



DETAIL A

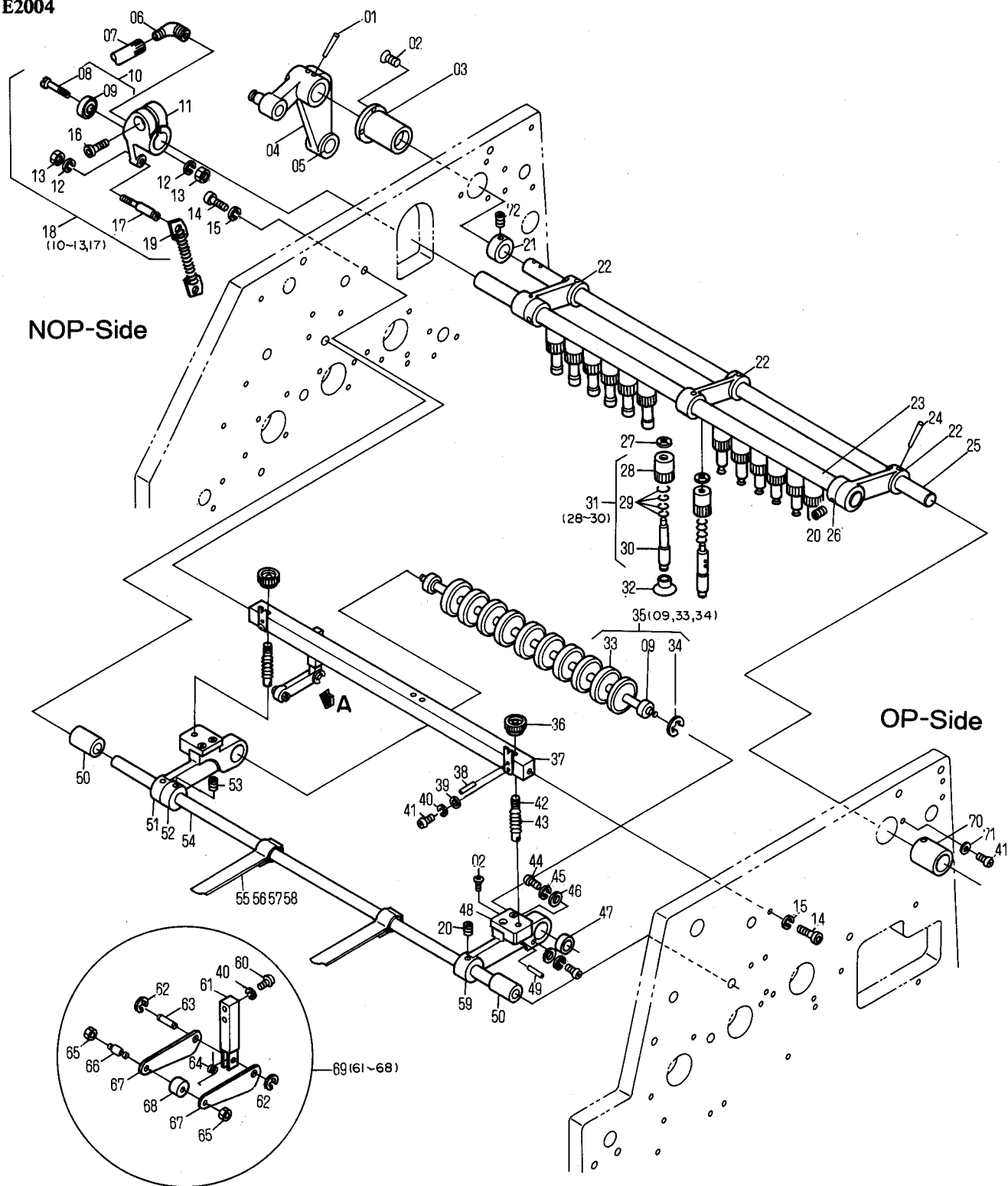


Feed Section
Suction Foot and Pullout Roller (β252)

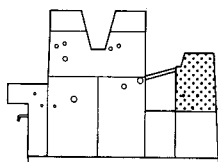
E2004

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	182-170	Taper Pin		2	0
02	122-110	Screw		7	0
03	5801-05023	Bushing Bracket		1	0
04	5801-05012A	Suction Foot Drive Lever		1	0
05	5801-05033	Bushing	Included in 04	1	0
06	CK02-24	Hose Joint		1	0
07	5801-05030	Hose		1	0
08	M05-50-3	Cam Follower Pin		1	0
09	250-126.6	Bearing (Brg. 626zz)		3	0
10	M05-50-1A-3	Cam Follower	(08, 09)	1	0
11	5801-05013	Suction Foot Operating Arm		1	0
12	180-106	Lock Washer		2	0
13	170-106	Nut		2	0
14	117-475	Screw		2	0
15	180-108	Lock Washer		2	0
16	117-470	Screw		1	0
17	5801-05021	Pin		1	0
18	5801-05013A	Suction Foot Operating Arm Assy	(10 ~ 13, 17)	1	0
19	5801-06028A	Spring		1	0
20	145-356	Set Screw		3	0
21	5801-05038	Collar		1	0
22	5801-05017	Pilot Shaft Bracket		3	0
23	5801-05001	Suction Pilot Shaft		1	0
24	182-169	Taper Pin		3	0
25	5801-05015	Suction Pilot Shaft		1	0
26	CK02-37	Collar		2	0
27	127-42-3	Flat Washer		14	0
28	CK02-11	Suction ON-OFF Valve		14	0
29	CK02-46	O-Ring		56	0
30	CK02-12	Suction Foot		14	0
31	CK02-12A	Suction Foot Assy	(27 ~ 29)	14	0
32	CK02-77	Sucker		14	0
33	5801-02001	Upper Pullout Roller		1	0
34	181-405	E-Ring		2	0
35	5801-02001B	Upper Pullout Roller Assy	(09, 33, 34)	1	0
36	CK02-58	Knob		2	0
37	5801-01005	Spreader		1	0
38	183-178	Roll Pin		2	0
39	184-104	Flat Washer		2	0
40	180-104	Lock Washer		14	0
41	125-656	Screw		2	0
42	CK02-57	Pin		2	0
43	CK02-64	Spring		2	0
44	117-508	Screw		4	0
45	180-105	Lock Washer		4	0
46	184-105	Flat Washer		4	0
47	5801-02010	Collar		1	0
48	CK02-54	Bracket		2	0
49	183-182	Roll Pin		2	0
50	5101-02019	Spacer		2	0
51	5801-02008	Bracket for Pullout Roller	NOP-S	1	0
52	R11-78-3	Collar		1	0
53	145-358	Set Screw		1	0
54	5801-02006	Upper Pullout Roller Pilot Shaft		1	0
55	5801-10007A	Paper Retainer (16mm x 605mm)	t = 0.2mm	2	0
56	5801-10008A	Paper Retainer (16mm x 605mm)	t = 0.1mm	2	0
57	5801-10053A	Paper Retainer (16mm x 660mm)	t = 0.2mm	2	0
58	5801-10054A	Paper Retainer (16mm x 660mm)	t = 0.1mm	2	0
59	5801-02007	Bracket for Pullout Roller	OP-S	1	0
60	125-668	Screw		12	0
61	5801-02016	Guide Roller Bracket		6	0
62	181-404	E-Ring		12	0
63	5101-02030	Pin		6	0
64	5801-02022	Spring		6	0
65	170-104	Nut		12	0
66	5101-02021	Guide Roller Shaft		6	0
67	5801-02021	Guide Roller Plate		12	0
68	5101-02022	Guide Roller		6	0
69	5801-02016A	Guide Roller Assy	(60 ~ 67)	6	0
70	5801-05035	Bushing		1	0

E2004

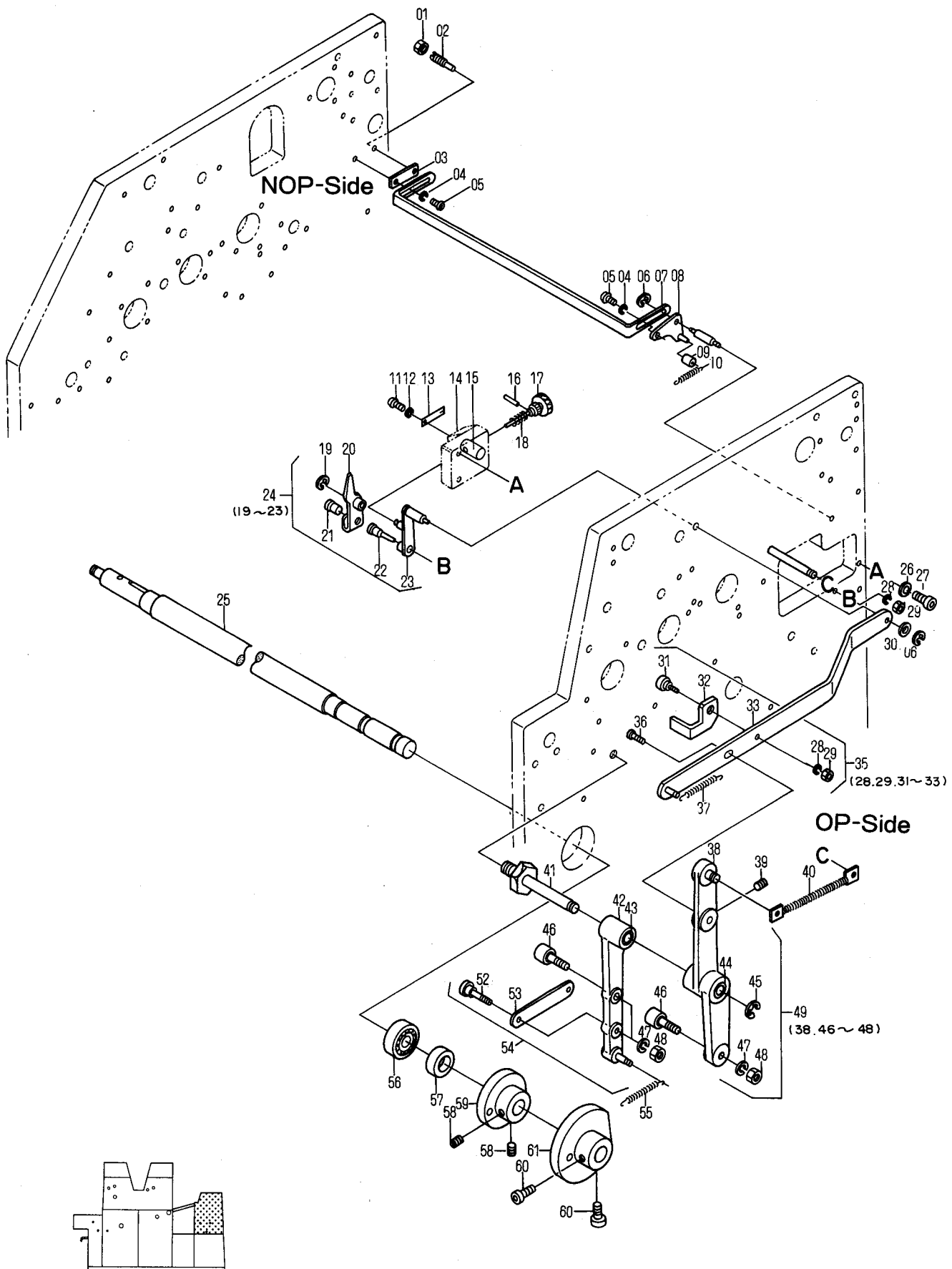


DETAIL A



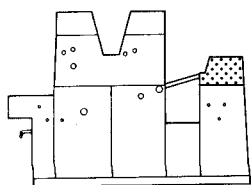
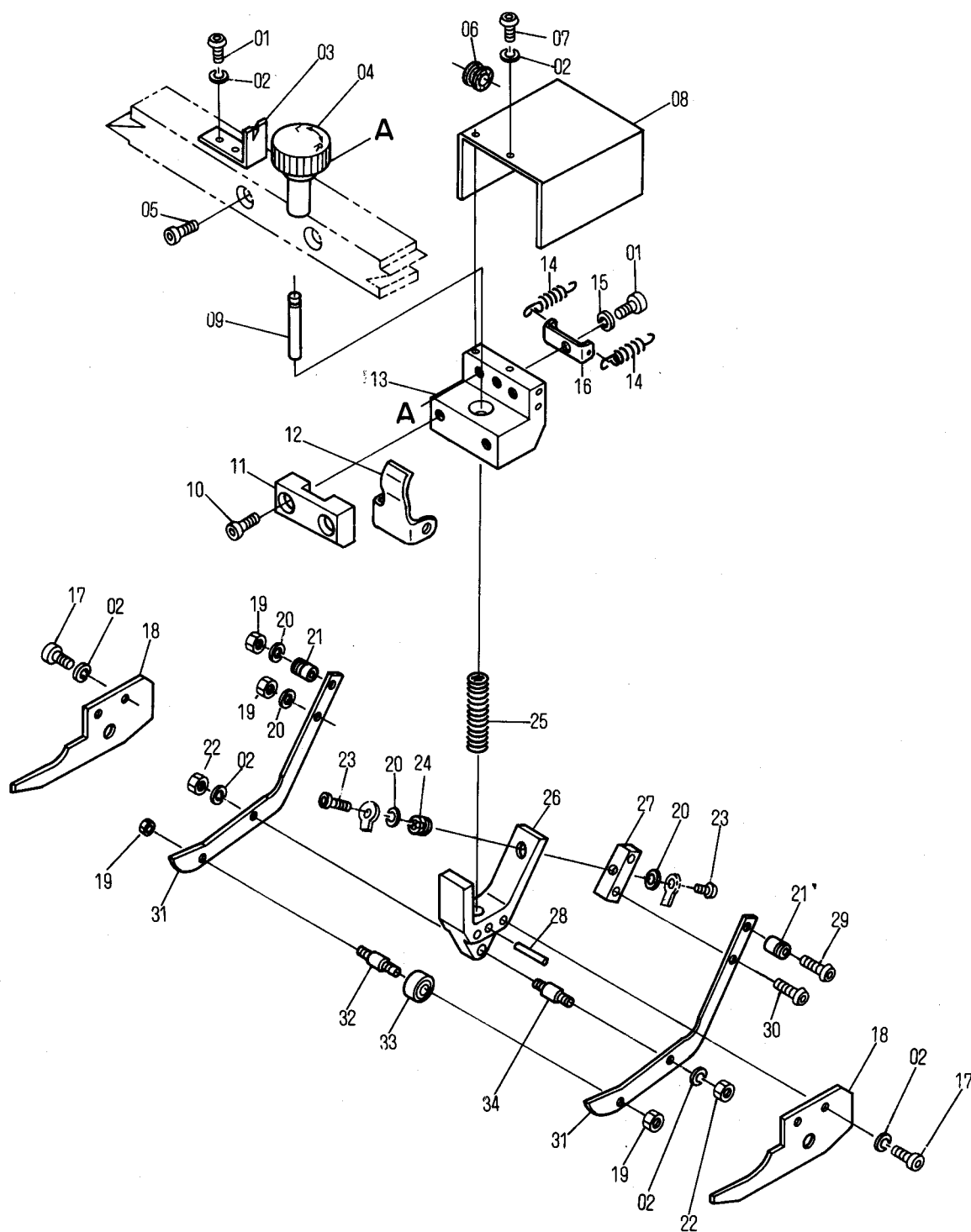
E2004

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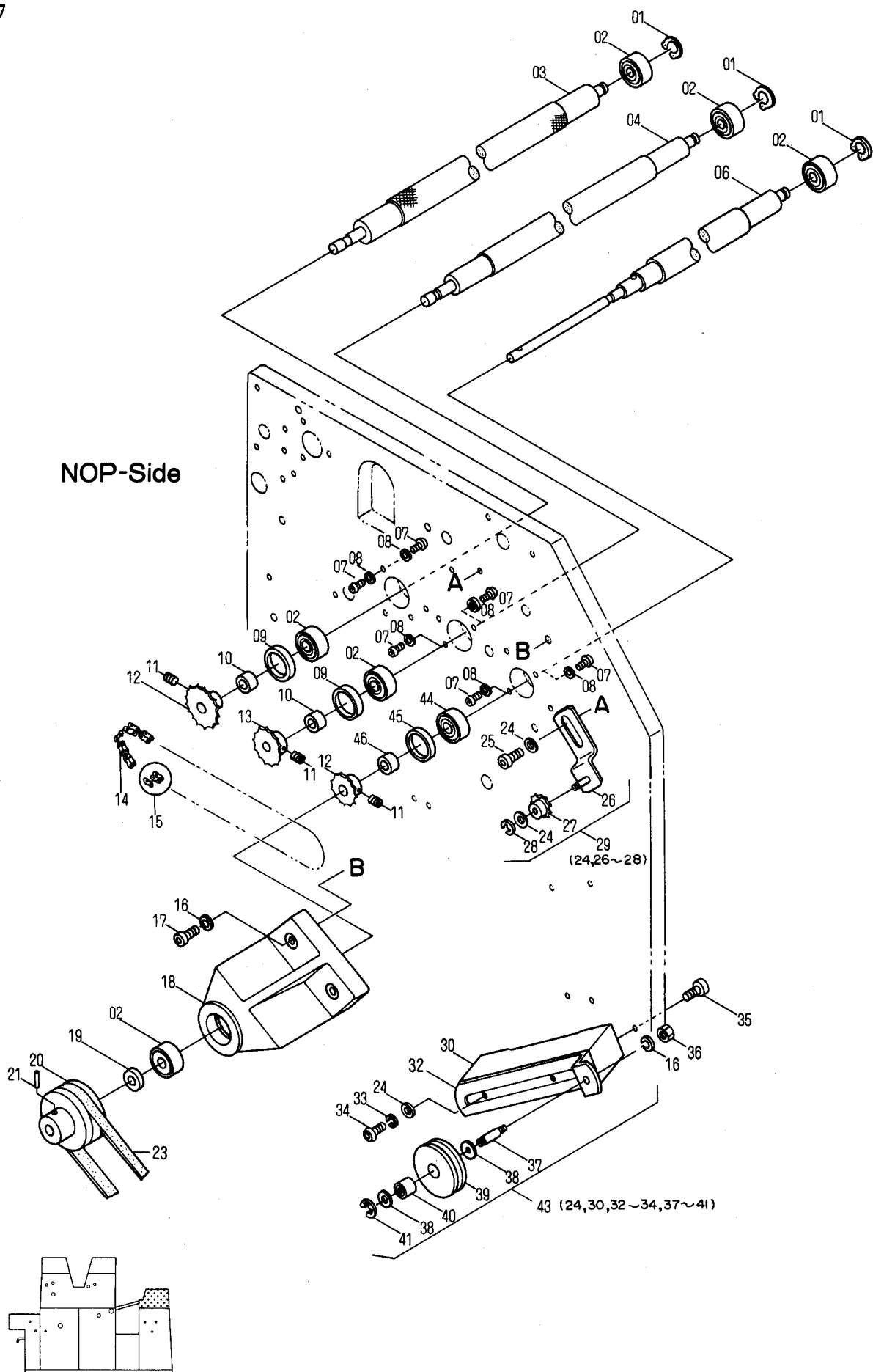
E2005

- 21 -



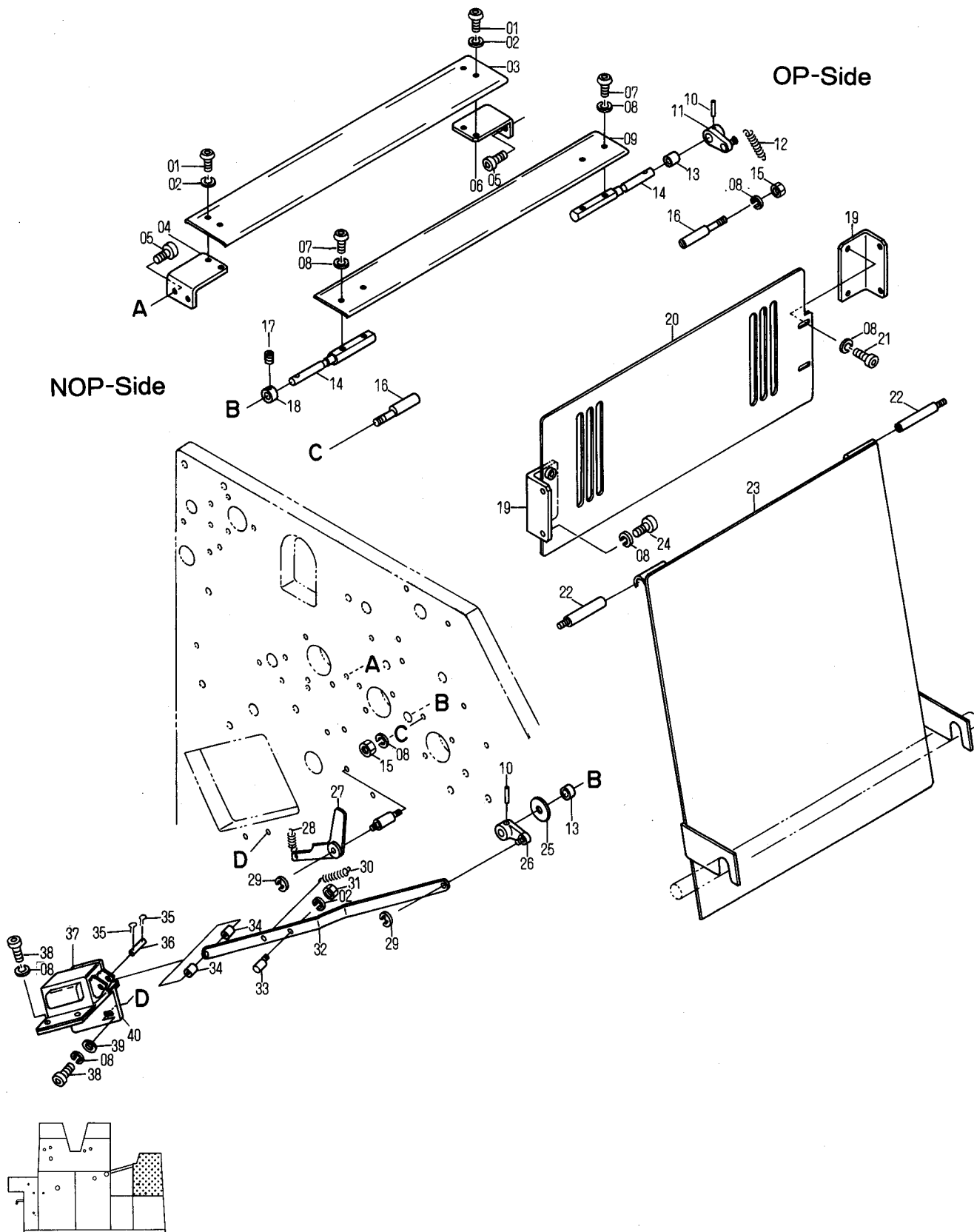
E2006

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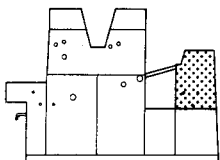
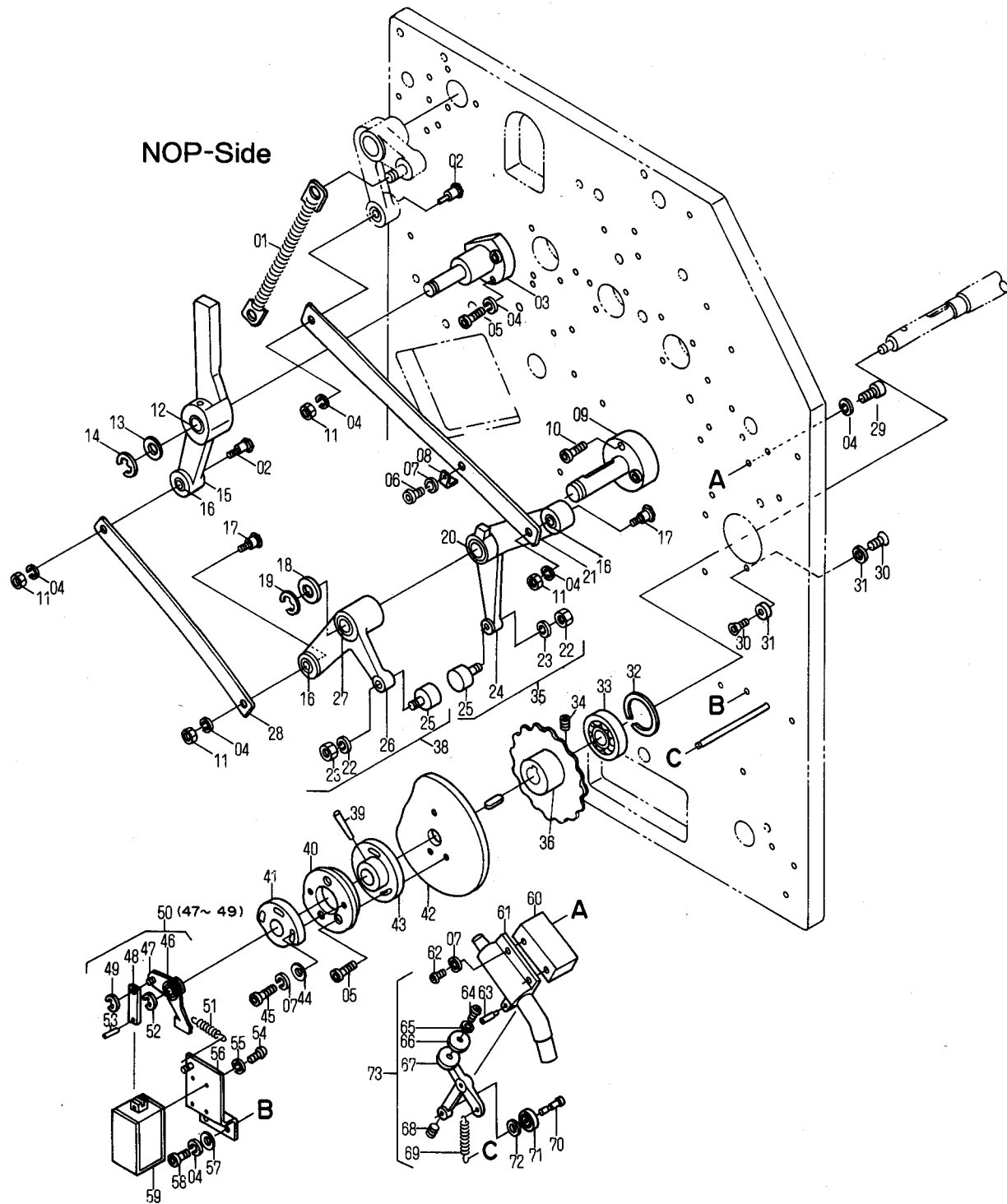
E2007

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E2008

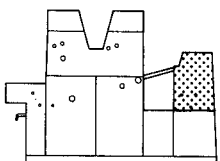
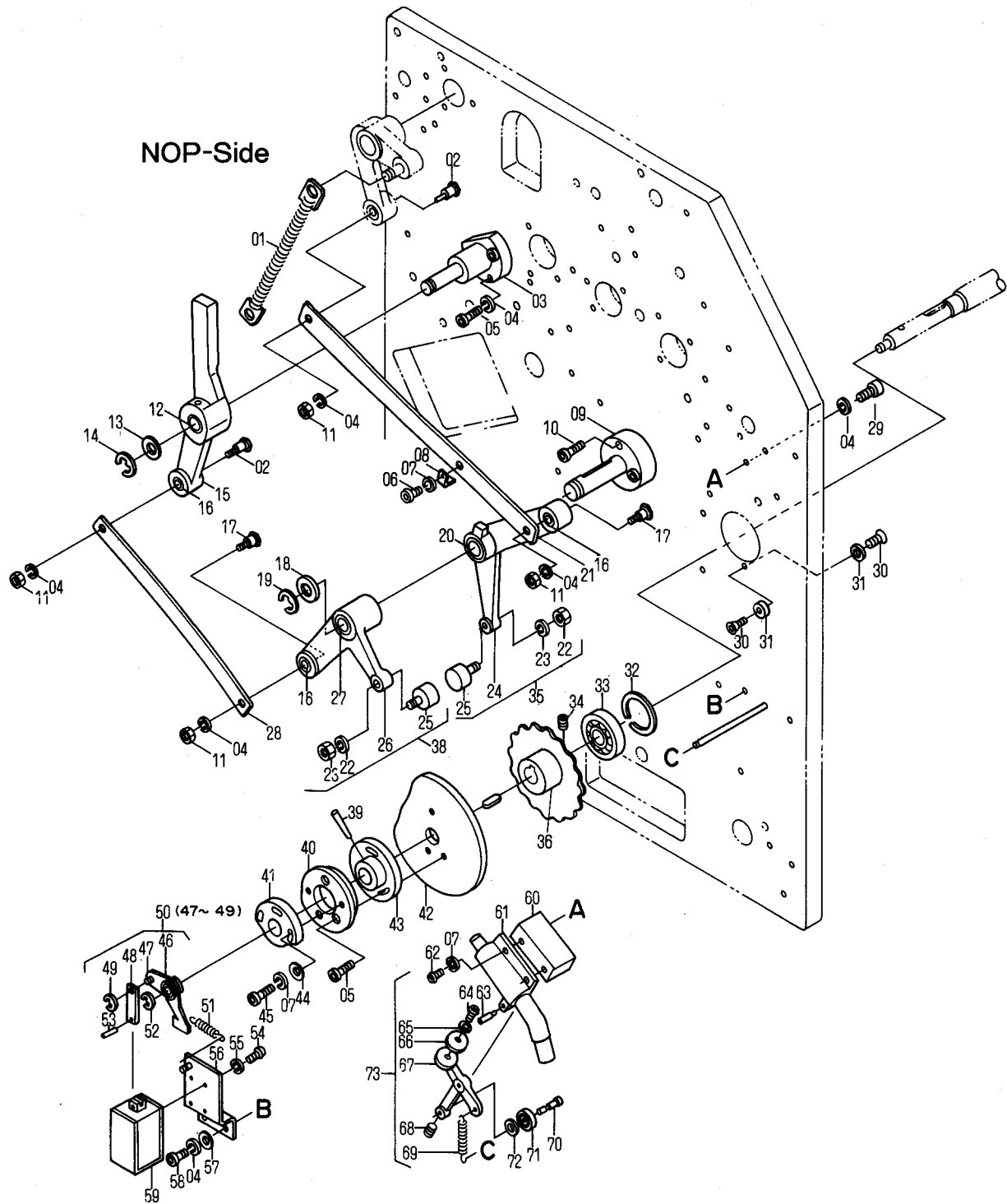
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**Feed Section
Suction Valve and Cam (β252)**

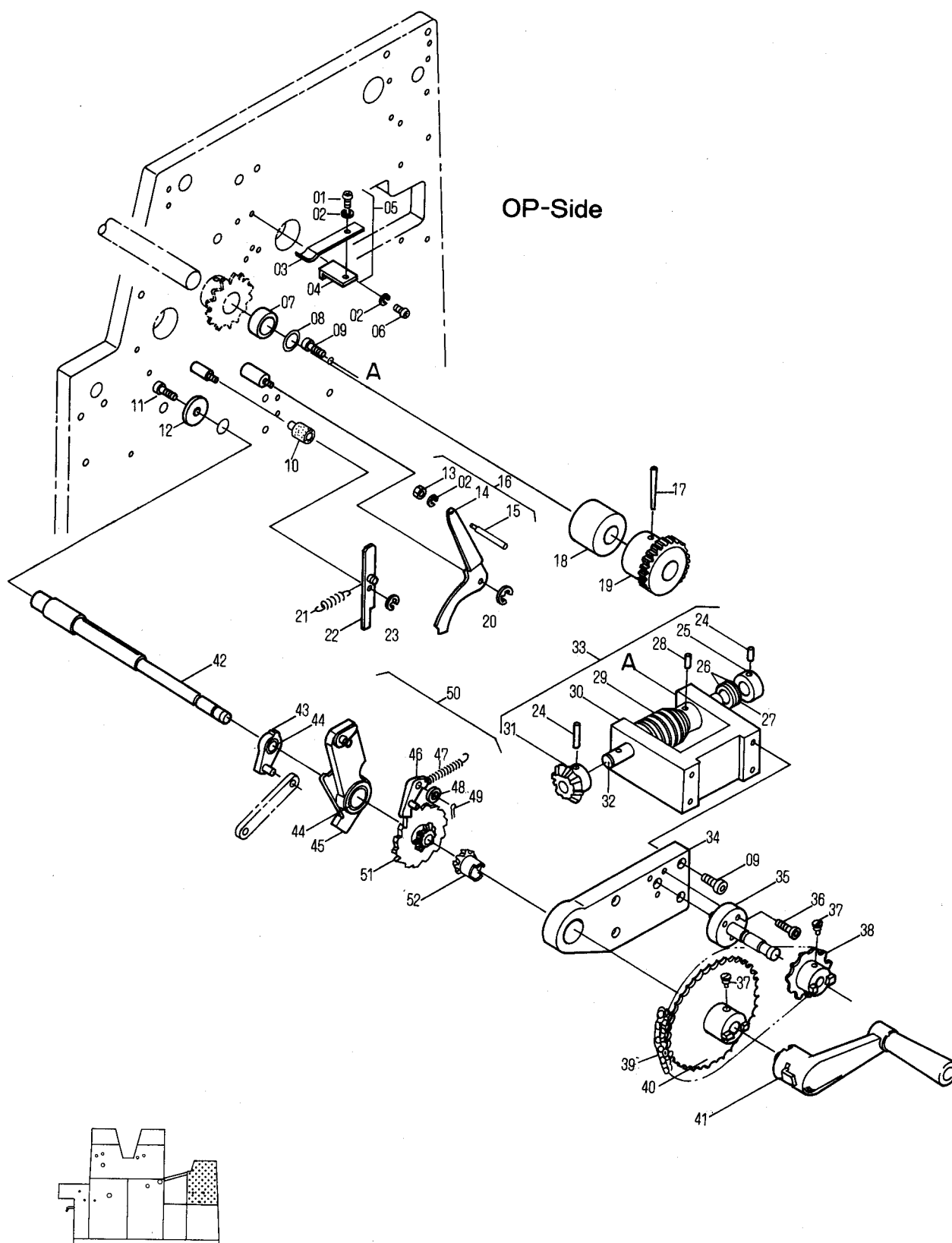
E2009

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5801-06028A	Spring		1	0
02	5801-05034	Eccentric Pin		2	0
03	5801-05020	Pivot Stud		1	0
04	180-106	Lock Washer		11	0
05	117-368	Screw		6	0
06	125-708	Screw		1	0
07	180-105	Lock Washer		6	0
08	CK02-33	Stopper		1	0
09	5801-05009	Pivot Stud		1	0
10	117-365	Screw		3	0
11	170-106	Nut		4	0
12	124-36-01-3	Bushing	Included in 15	1	0
13	184-114	Flat Washer		1	0
14	181-410	E-Ring		1	0
15	5801-05008A	Lever	Including 16	1	0
16	5801-05033	Bushing		3	0
17	5801-05022	Pin		2	0
18	184-116	Flat Washer		1	0
19	181-412	E-Ring		1	0
20	5201-05073	Bushing	Included in 24	1	0
21	5801-05007	Connecting Link		1	0
22	170-108	Nut		2	0
23	180-108	Lock Washer		2	0
24	5801-05010A	Lever	Including 16	1	0
25	258-651.3	Cam Follower (Brg. KR19XLL/CF8UU)		2	0
26	5801-05011A	Lever	Including 16	1	0
27	5801-05031	Bushing	Included in 26	1	0
28	5801-05006	Connecting Link		1	0
29	117-375	Screw		2	0
30	122-112	Screw		6	0
31	MC03-05	Bearing Retainer		6	0
32	CK08-08	Screw		1	0
33	250-204.6	Bearing (Brg. 6204zz)		1	0
34	145-510	Set Screw		1	0
35	5801-05010D	Lever Assy	(22 ~ 25)	1	0
36	5801-05026	Chain Sprocket		1	0
37	188-052	Key		1	0
38	5801-05011D	Lever Assy	(22, 23, 25, 26)	1	0
39	182-189	Taper Pin		1	0
40	5801-05040	Cam		1	0
41	5801-05039	Cam		1	0
42	5801-05004	Cam		1	0
43	5101-05025	Flange		1	0
44	184-105	Flat Washer		3	0
45	117-520	Screw		3	0
46	243-612	Bushing	Included in 47	1	0
47	CK08-21C	Lever		1	0
48	CK08-22	Connecting Link		1	0
49	181-404	E-Ring		1	0
50	CK08-21B	Lever Assy	(47 ~ 49)	1	0
51	X52-97-3	Spring		1	0
52	181-408	E-Ring		1	0
53	183-182	Roll Pin		1	0
54	125-608	Screw		4	0
55	180-103	Lock Washer		4	0
56	5801-05027A	Solenoid Bracket		1	0
57	184-106	Flat Washer		2	0
58	117-362	Screw		2	0
59	E09-25-3	Solenoid (SD12M, 72Ω)		1	0
60	5101-05015	Bracket		1	0
61	5801-05024A	Valve		1	0
62	125-715	Screw		2	0
63	H05-73-02-3	Pin		1	0
64	125-660	Screw		1	0
65	CK08-65	Washer		1	0
66	H05-72-01-3	Valve Cover		1	0
67	CK08-41	Valve Cover		1	0
68	145-506	Set Screw		1	0
69	KU-05	Spring		1	0
70	CK08-23	Pin		1	0



E2009

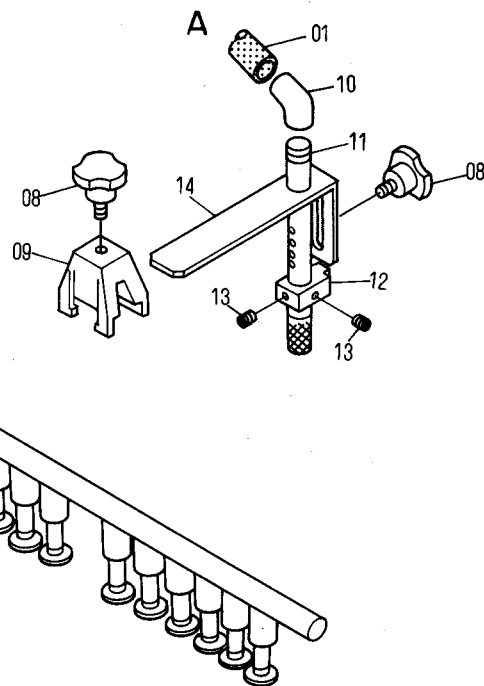
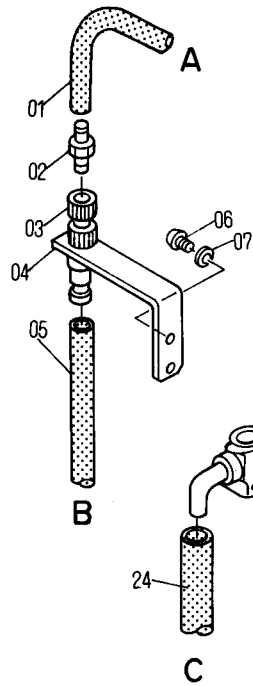
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E2010

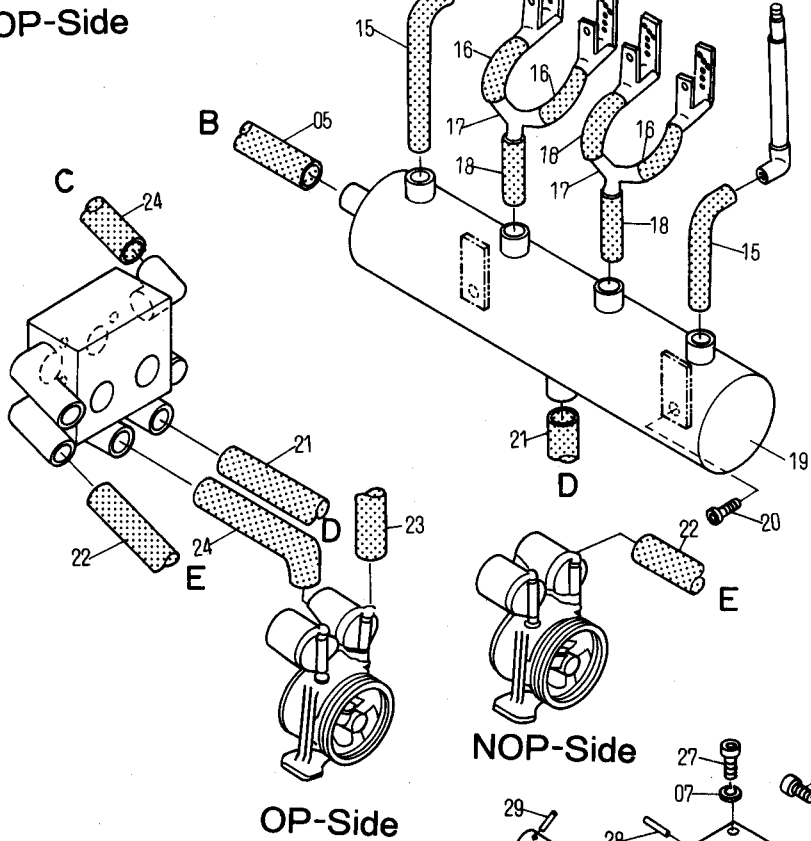
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E2011



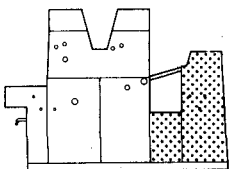
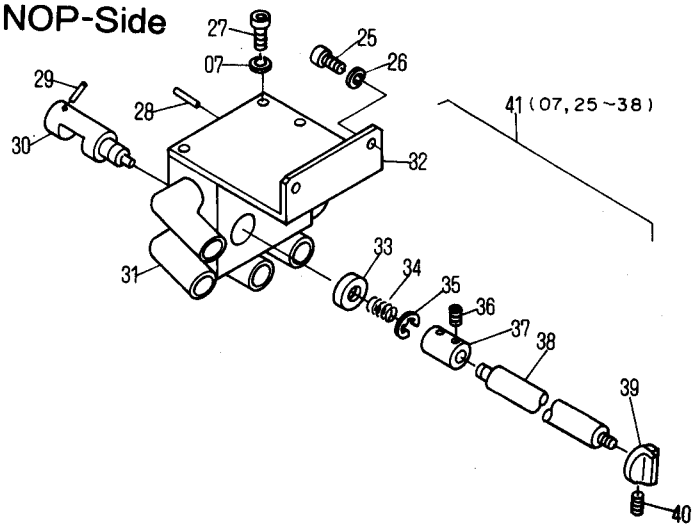
NOP-Side

OP-Side



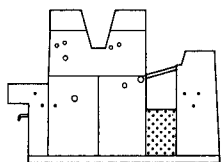
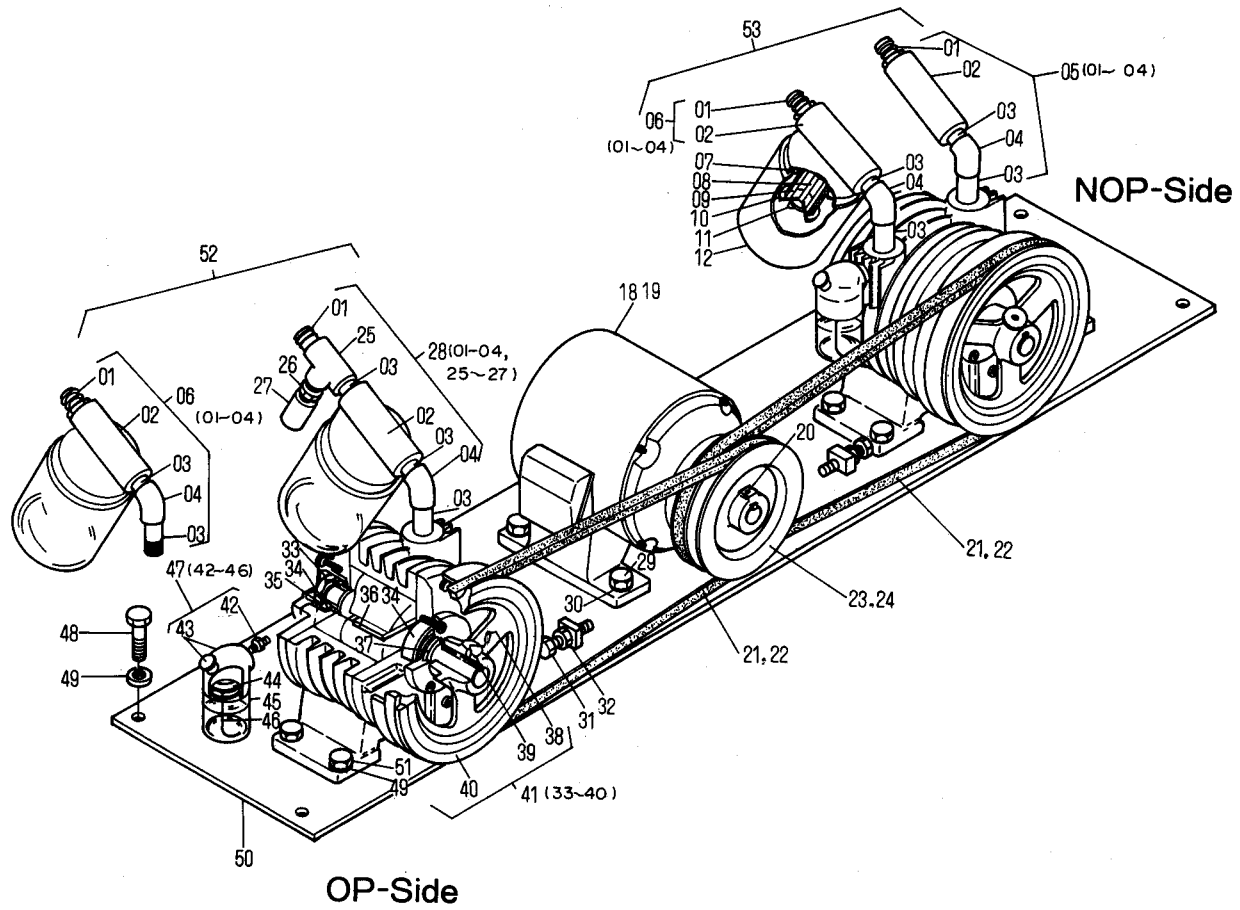
NOP-Side

OP-Side



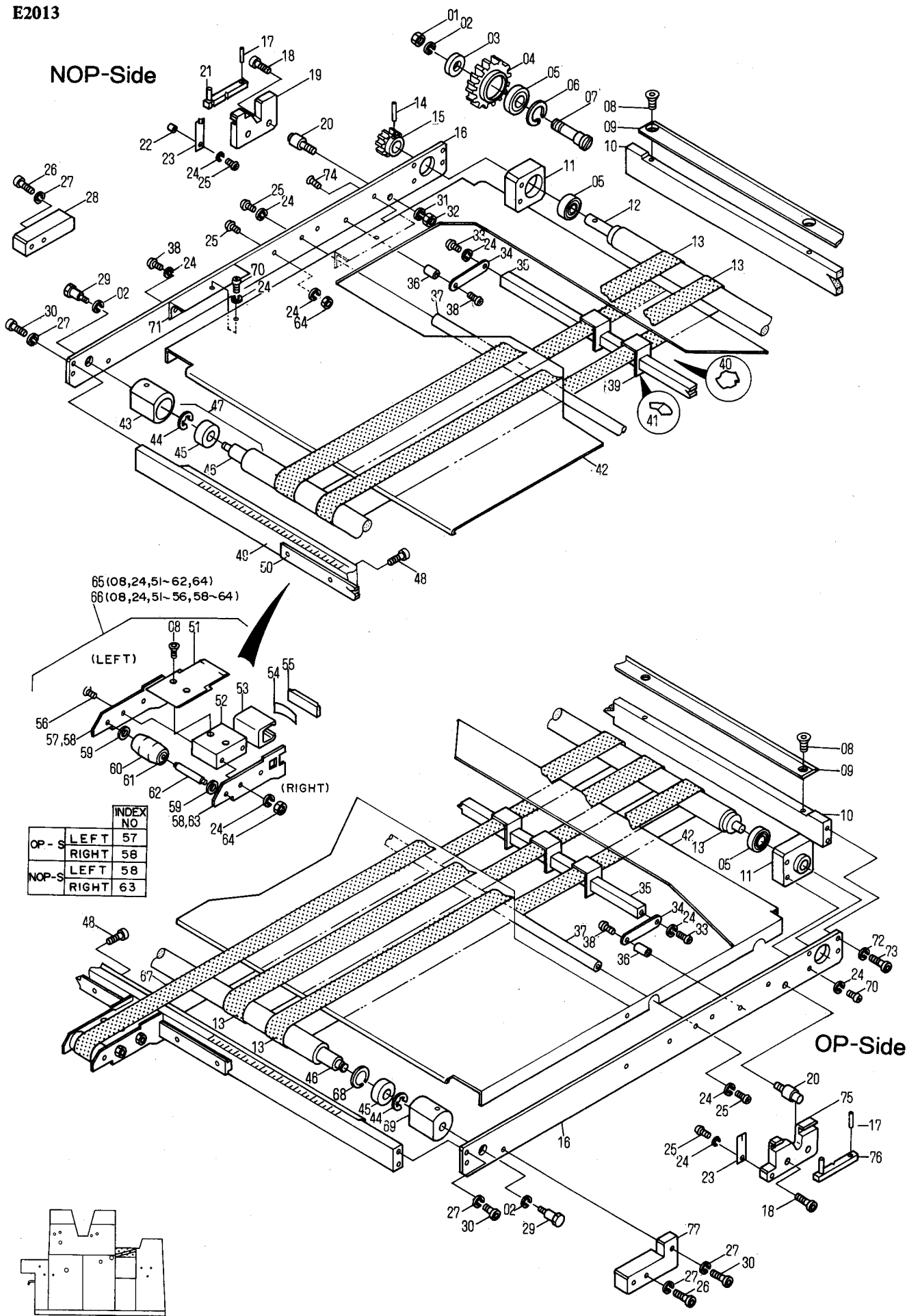
E2011

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E2012

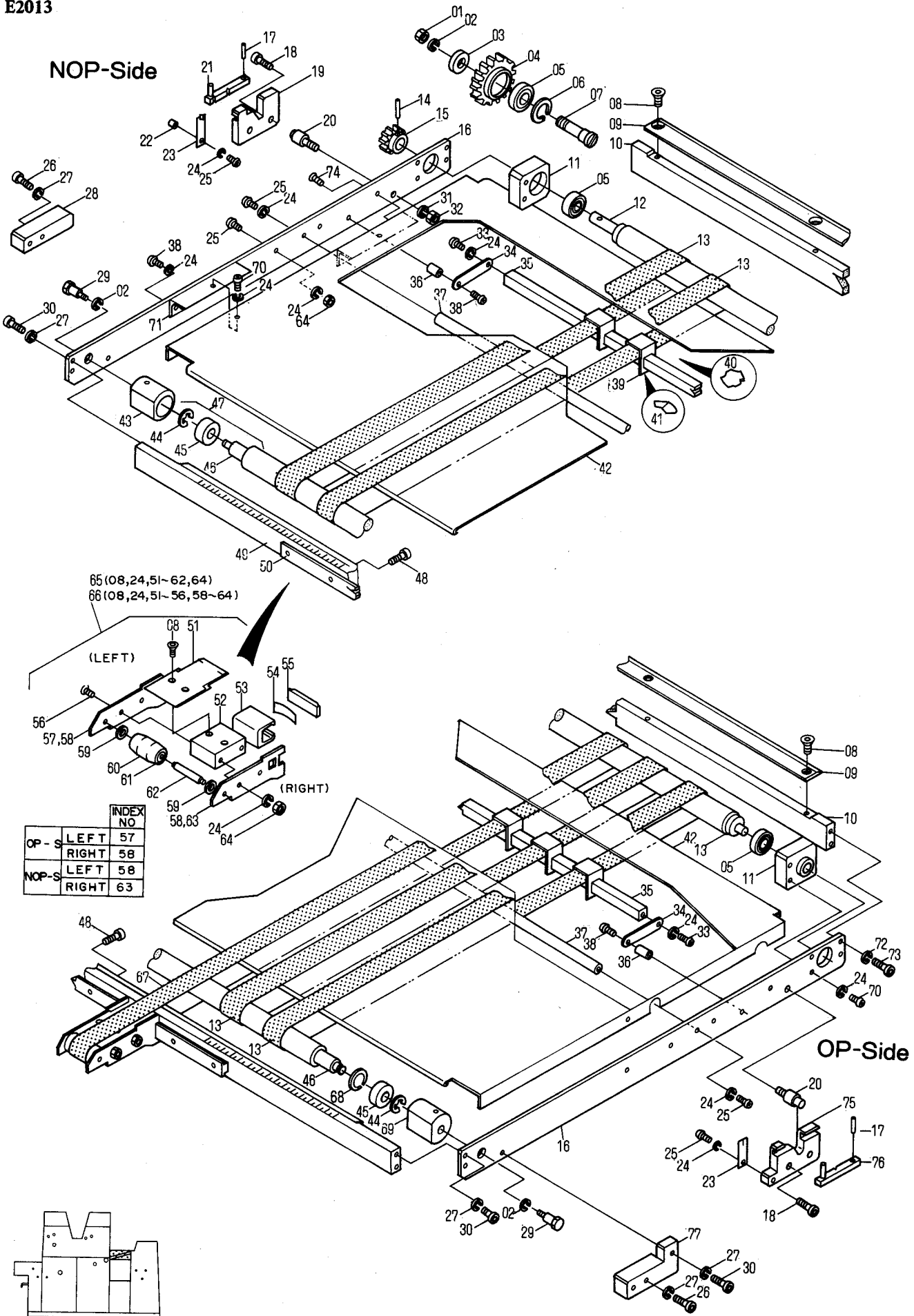
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**Feed Section
Conveyor Table (B252)**

E2013

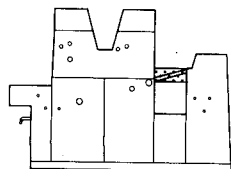
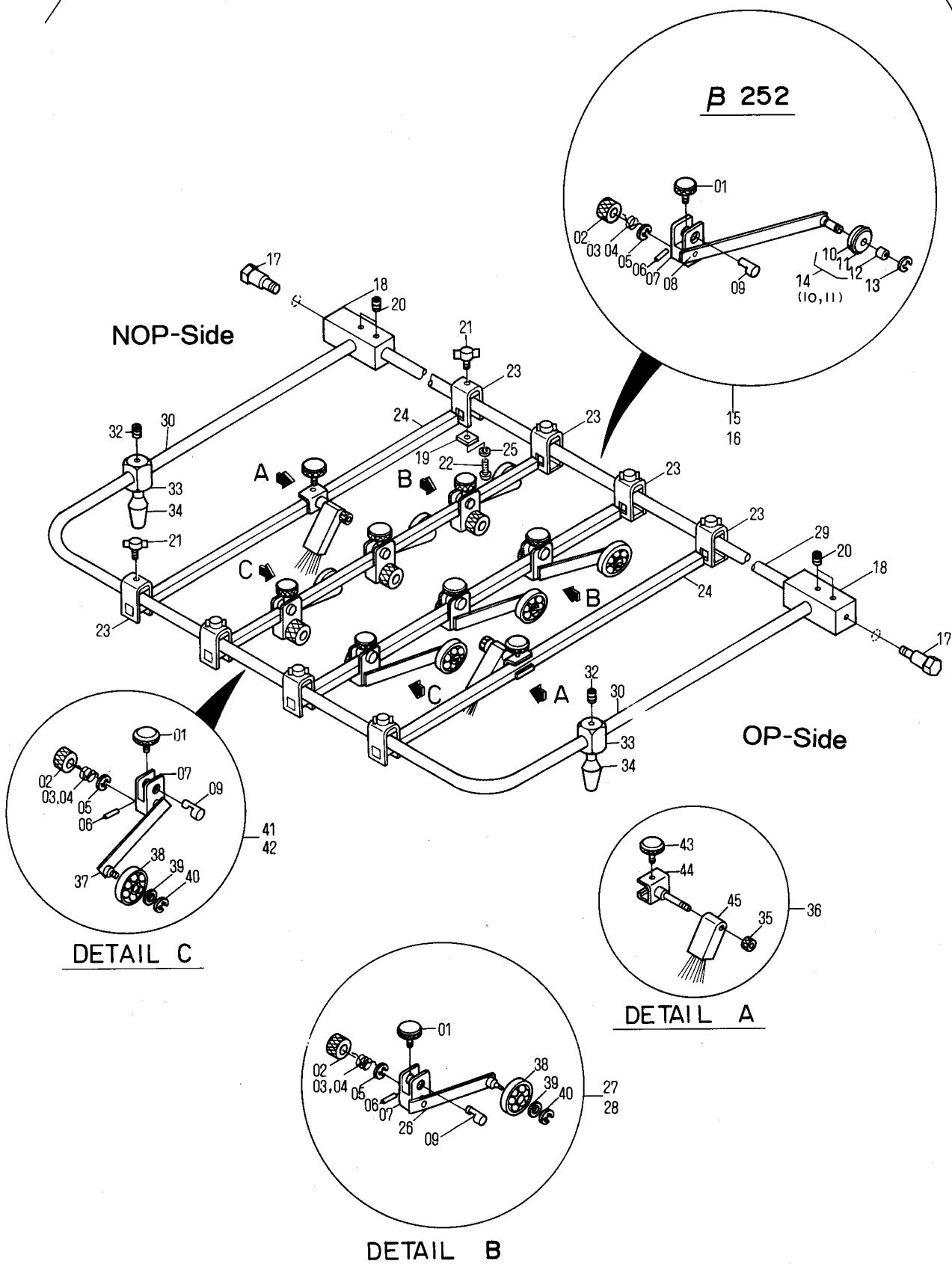
INDEX No.	Parts No.	Description	Remarks	Unit Per Assy		
				B252	B252SF	
01	170-110	Nut		1	0	
02	180-110	Lock Washer		3	0	
03	5201-05088	Spacer		1	0	
04	5101-10022A	Combination Gear		1	0	
05	250-001.6	Bearing (Brg. 6001zz)	Included in 04, 11	3	0	
06	181-228	C-Ring		1	0	
07	5101-10023	Stud Pin		1	0	
08	122-110	Screw		8	0	
09	5801-10048	Guide Plate		1	0	
10	5801-10049	Guide Plate Bracket		1	0	
11	5101-10020A	Bearing Case		2	0	
12	5801-10039	1st Tape Roller		1	0	
13	5801-10079	Conveyor Tape	25mm x 894.7mm	4	0	
14	183-185	Roll Pin		1	0	
15	5101-10021	Gear		1	0	
16	5801-10081	Conveyor Frame		2	0	
17	183-150	Roll Pin		2	0	
18	117-470	Screw		4	0	
19	5101-10109	Bracket	NOP-S	1	0	
20	5801-10044	Pin		2	0	
21	5101-10105A	Stopper	NOP-S	1	0	
22	5101-10108	Spacer	NOP-S	1	0	
23	5101-10107	Flat Spring		2	0	
24	180-105	Lock Washer		19	0	
25	125-715	Screw		7	0	
26	117-525	Screw		3	0	
27	180-106	Lock Washer		8	0	
28	5801-10052	Conveyor Frame Support Bracket	NOP-S	1	0	
29	5801-10026	Screw		2	0	
30	117-515	Screw		5	0	
31	180-108	Lock Washer		2	0	
32	170-108	Nut		2	0	
33	125-720	Screw		2	0	
34	H10-30-3	Tape Guide Bracket		2	0	
35	5801-10046	Tape Guide Cross Bar		1	0	
36	ER04-03	Spacer		2	0	
37	5801-10047	Conveyor Frame Spreader		1	0	
38	125-710	Screw		5	0	
39	KC-22	Tape Guide		6	0	
40	H60-22-01-3	Tape Guide Spring		6	0	
41	KC-23	Tape Guide Spring		6	0	
42	5801-10080	Conveyor Table		1	0	
43	5801-10028	Tape Roller Guide Bracket	NOP-S	1	0	
44	181-408	E-Ring		2	0	
45	250-000	Bearing (Brg. 6000)		2	0	
46	5801-10040	2nd Tape Roller		1	0	
47	5801-10040A	2nd Tape Roller Assy	(44 ~ 46)	1	0	
48	117-508	Screw		6	0	
49	5801-10034	Conveyor Frame Spreader		1	0	
50	5801-10005	Tape Roller Guide		1	0	
51	5801-10063	Tape Roller Plate		2	0	
52	5801-10061	Bracket		2	0	
53	5801-10060	Bracket		2	0	
54	5801-10022	Flat Spring		2	0	
55	5801-10062	Bracket		2	0	
56	122-132	Screw		4	0	
57	5801-10083	Tape Roller Guide Plate		1	0	
58	5801-10059	Tape Roller Guide Plate		2	0	
59	184-106.3	Flat Washer		4	0	
60	5801-10019A	Tape Roller		2	0	
61	250-126.6	Bearing (Brg. 626zz)	Included in 60	4	0	
62	5801-10018	Tape Roller Shaft		2	0	
63	5801-10082	Tape Roller Guide Plate		1	0	
64	170-105	Nut		4	0	
65	5801-10018A	Tape Roller Assy	(08, 24, 51 ~ 62, 64)	OP-S	1	0
66	5801-10018B	Tape Roller Assy	(08, 24, 51 ~ 56, 58 ~ 64)	NOP-S	1	0
67	5801-10078	Conveyor Tape	25mm x 1079.7mm	2	0	
68	181-226	C-Ring		1	0	
69	5801-10023	Tape Roller Guide Bracket	OP-S	1	0	
70	125-712	Screw		4	0	



E2013

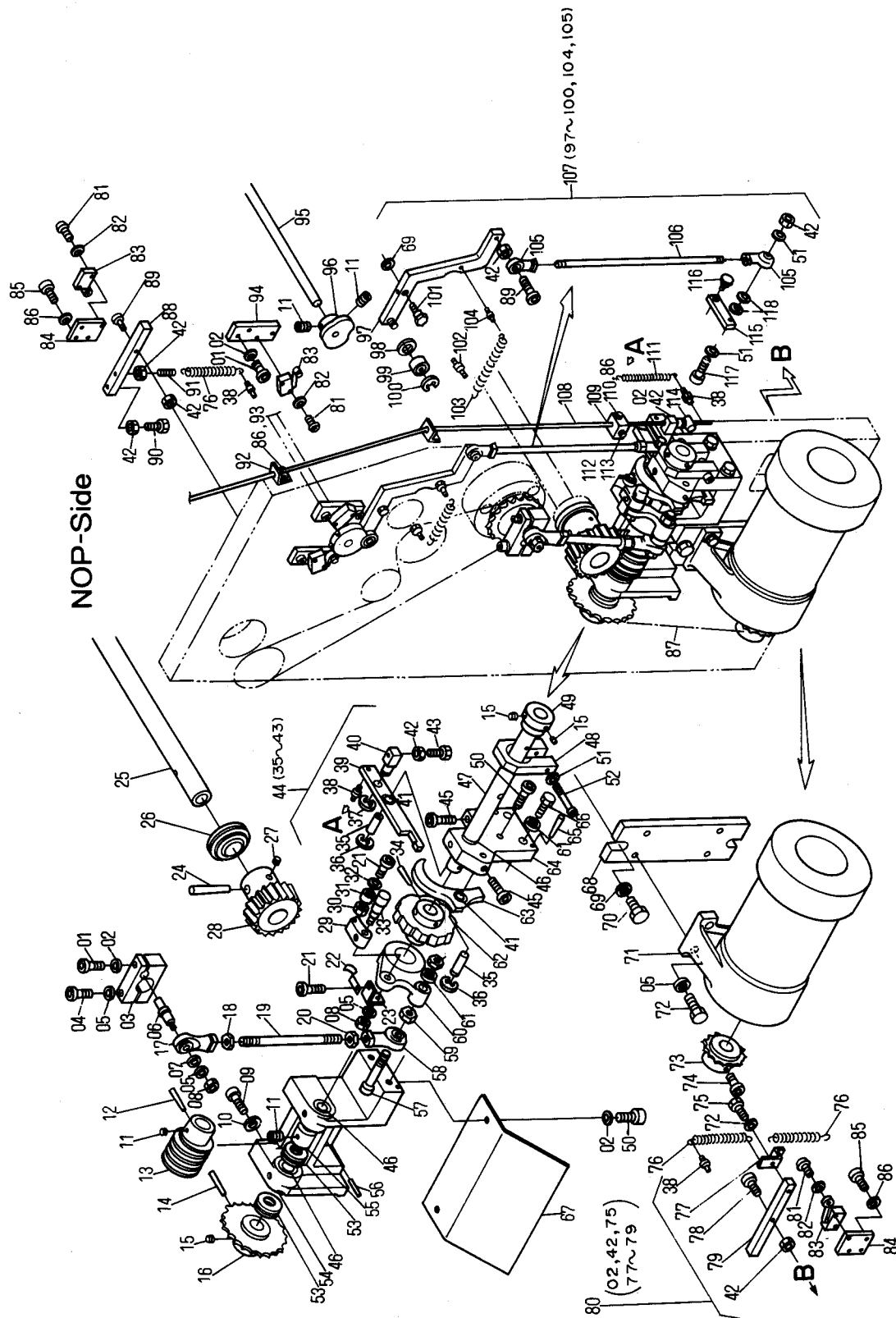
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E2014

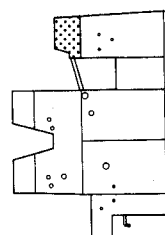
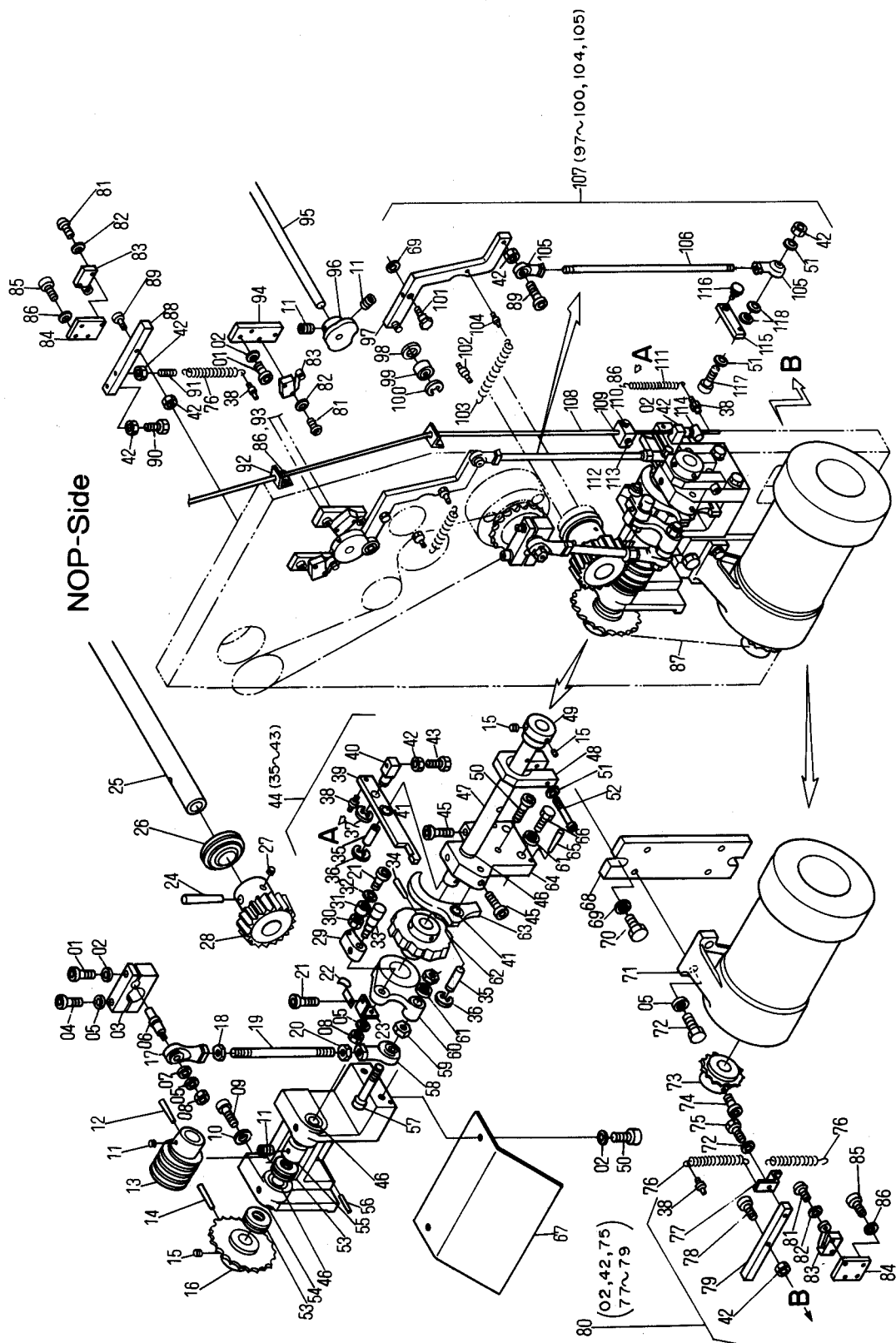
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Feed Section
Feeder Pile Drive Mechanism (β252-SF)

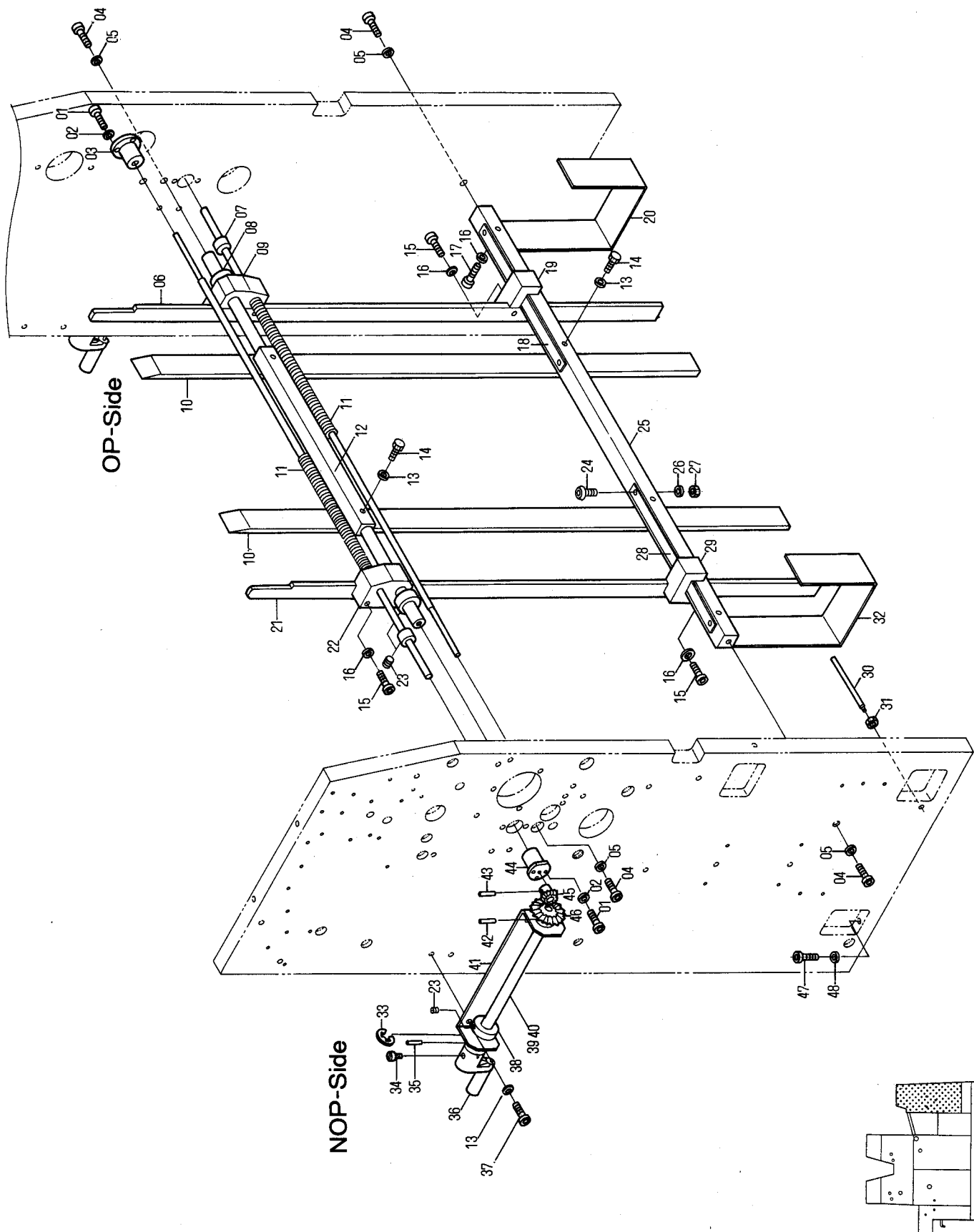
E2015

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	117-370	Screw		0	5
02	180-406	Washer		0	10
03	F1-105	Bracket		0	1
04	117-481	Screw		0	1
05	180-408	Washer		0	7
06	F1-106	Pin		0	1
07	184-108	Flat Washer		0	1
08	170-108	Nut		0	2
09	117-480	Screw		0	4
10	180-408.1	Washer		0	4
11	145-358	Set Screw		0	4
12	182-209.1	Taper Pin		0	1
13	F1-101	Worm		0	1
14	182-211	Taper Pin		0	1
15	145-360	Set Screw		0	3
16	F1-11	Chain Sprocket		0	1
17	258-860	Drive Joint (PHS-10)		0	1
18	S-145-01	Nut		0	1
19	F1-107	Rod		0	1
20	170-110	Nut		0	2
21	117-520	Screw		0	2
22	SP-103	Flat Spring		0	1
23	F1-118	Spring Hook		0	1
24	182-223.1	Taper Pin		0	1
25	5813-16007	Worm Gear Shaft		0	1
26	250-205.8	Bearing (Brg. 6205NR)		0	1
27	145-462	Set Screw		0	1
28	F1-4	Worm Gear		0	1
29	F1-116	Drive Pawl		0	1
30	170-105	Nut		0	1
31	250-125	Bearing (Brg. 625)		0	1
32	184-105	Flat Washer		0	1
33	F1-117	Drive Pawl Pin		0	1
34	IT-6-35	Taper Pin		0	1
35	F1-119A	Pin		0	2
36	181-406	E-Ring		0	2
37	181-408	E-Ring		0	1
38	SPF-M610	Stud Pin		0	4
39	5813-16011A	Lock Lever		0	1
40	F1-126	Stud		0	1
41	243-508	Bushing	Included in 39, 63	0	2
42	170-106	Nut		0	9
43	F1-122	Adjustment Screw		0	1
44	5813-16011B	Lock Lever Assy	(35 ~ 43)	0	1
45	117-362	Screw		0	2
46	OB-20-1	Bushing	Included in 54, 64	0	3
47	5813-16006	Worm Shaft		0	1
48	F1-120	Bracket		0	1
49	F1-114	Collar		0	2
50	117-360	Screw		0	3
51	180-406.1	Washer		0	3
52	117-389	Screw		0	1
53	256-104	Thrust Bearing (Brg. 51104)		0	2
54	5813-16001A	Worm Bracket		0	1
55	5813-16008	Collar		0	1
56	IT-5-30	Taper Pin		0	1
57	117-576	Screw		0	1
58	258-860.1	Drive Joint (PHS-10L)		0	1
59	170-112	Nut		0	1
60	F1-6	Lever		0	1
61	180-410	Washer		0	3
62	F1-102	Ratchet Wheel		0	1
63	F1-5-A	Lever		0	1
64	F1-2-A	Worm Bracket		0	1
65	IT-4-35	Taper Pin		0	2
66	101-571	Screw		0	2
67	5813-16033	Motor Cover		0	1
68	F1-162	Motor Base		0	1
69	184-110	Flat Washer		0	3
70	101-570	Screw		0	2



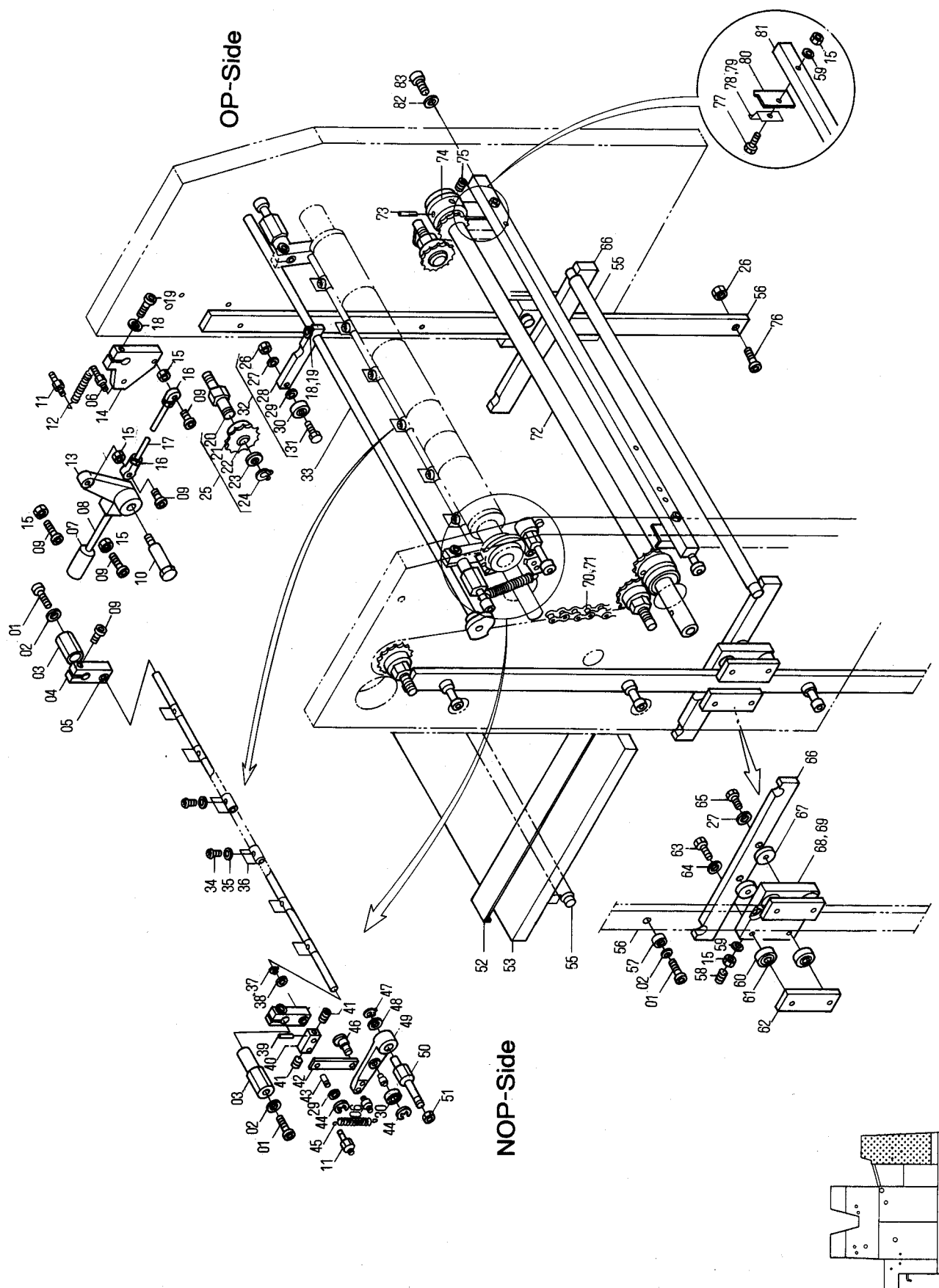
E2015

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E2016

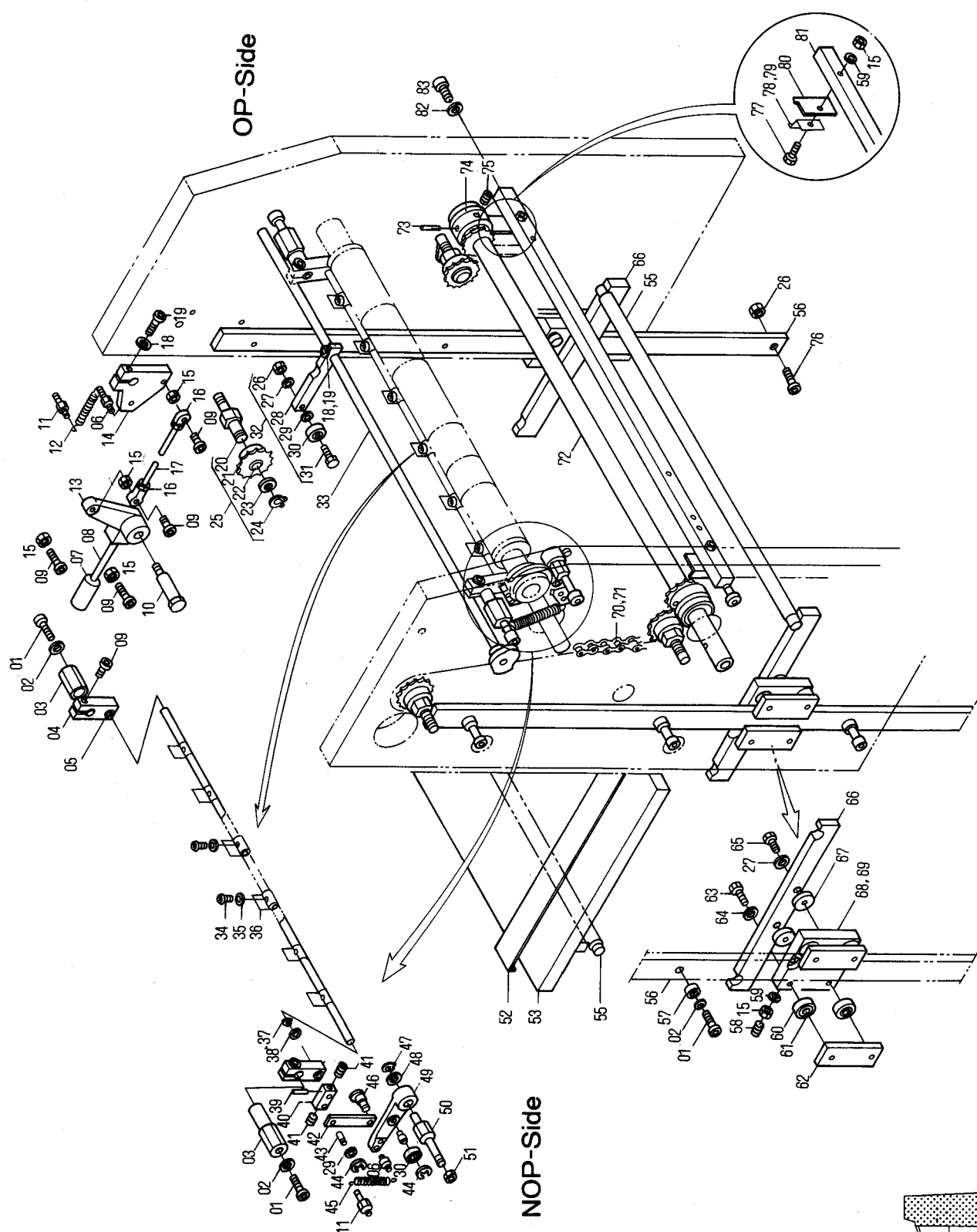
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Feed Section
Paper Table and Elevator (B252-SF)

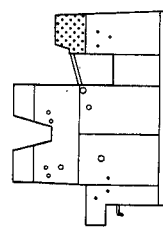
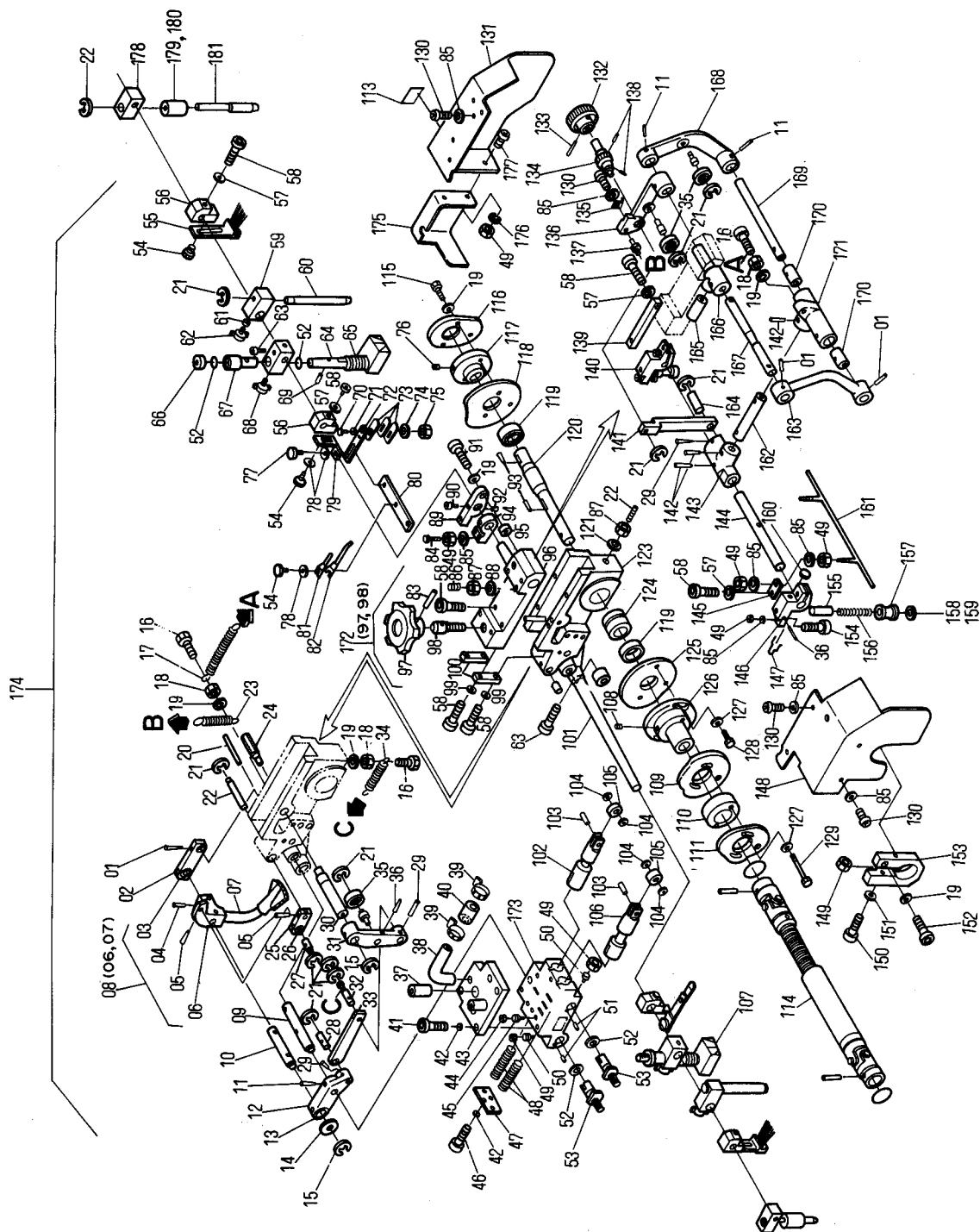
E2017

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				B252	B252SF
01	117-480	Screw		0	8
02	180-408.1	Washer		0	8
03	5813-16027	Stud Pin		0	2
04	5813-16028	Bracket		0	2
05	OB-10-2	Bushing		0	2
06	SPF-M610	Stud Pin		0	2
07	F1-130-01	Handle		0	1
08	5813-16036	Handle Shaft		0	1
09	117-375	Screw		0	6
10	5813-16035	Shoulder Screw		0	1
11	SPF-M810	Stud Pin		0	2
12	SP-104	Spring		0	1
13	5813-16003	Drive Lever		0	1
14	5813-16014	Bracket		0	1
15	170-106	Nut		0	10
16	258-856	Drive Joint (PHS-6)		0	2
17	5813-16037	Drive Joint Shaft		0	1
18	180-405.1	Washer		0	2
19	117-520	Screw		0	2
20	5813-16010	Stud Pin		0	4
21	F1-111-A	Sprocket		0	4
22	243-528	Bushing	Included in 21	0	4
23	F1-113-01	Thrust Washer		0	4
24	181-018	C-Ring		0	4
25	5813-16010A	Chain Sprocket Assy	(20 ~ 24)	0	4
26	170-108	Nut		0	3
27	180-408	Washer		0	5
28	F1-133	Lever		0	1
29	184-108	Flat Washer		0	3
30	250-108	Bearing (Brg. 608)		0	2
31	101-475	Screw		0	1
32	F1-133-A	Lever Assy	(26 ~ 31)	0	1
33	5813-16013	Cam Shaft		0	1
34	125-606	Screw		0	6
35	180-403	Washer		0	6
36	F1-154	Front Guide		0	6
37	181-010	C-Ring		0	1
38	184-110	Flat Washer		0	1
39	183-170	Roll Pin		0	1
40	F1-152	Block		0	1
41	145-356	Set Screw		0	2
42	5813-16052	Link		0	1
43	F1-119B	Pin		0	2
44	181-406	E-Ring		0	3
45	SP-101	Spring		0	1
46	5813-16051	Eccentric Pin		0	1
47	181-012	C-Ring		0	1
48	F1-149-01	Thrust Washer		0	1
49	F1-7-A	Cam Lever		0	1
50	5813-16026	Stud Pin		0	1
51	170-112	Nut		0	1
52	F1-166	Table Support Plate		0	2
53	F1-144	Paper Table		0	1
54					
55	5813-16020	Paper Table Shaft		0	2
56	5813-16015	Guide Rail		0	2
57	5813-16016	Spacer		0	6
58	145-365	Set Screw		0	4
59	180-406	Washer		0	6
60	250-002.6	Bearing (Brg. 6002zz)		0	8
61	5813-16018	Bearing		0	8
62	5813-16019	Support Plate		0	4
63	101-571	Screw		0	8
64	180-110	Lock Washer		0	8
65	101-482	Screw		0	4
66	F1-142	Paper Table Shaft Guide		0	2
67	F1-141	Spacer		0	4
68	5813-16017	Slider Bracket	NOP-S	0	1
69	5813-16042	Slider Bracket	OP-S	0	1
70	5813-16045	Chain	OP-S	0	1



E2017

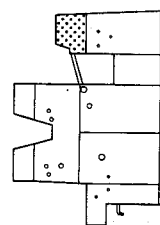
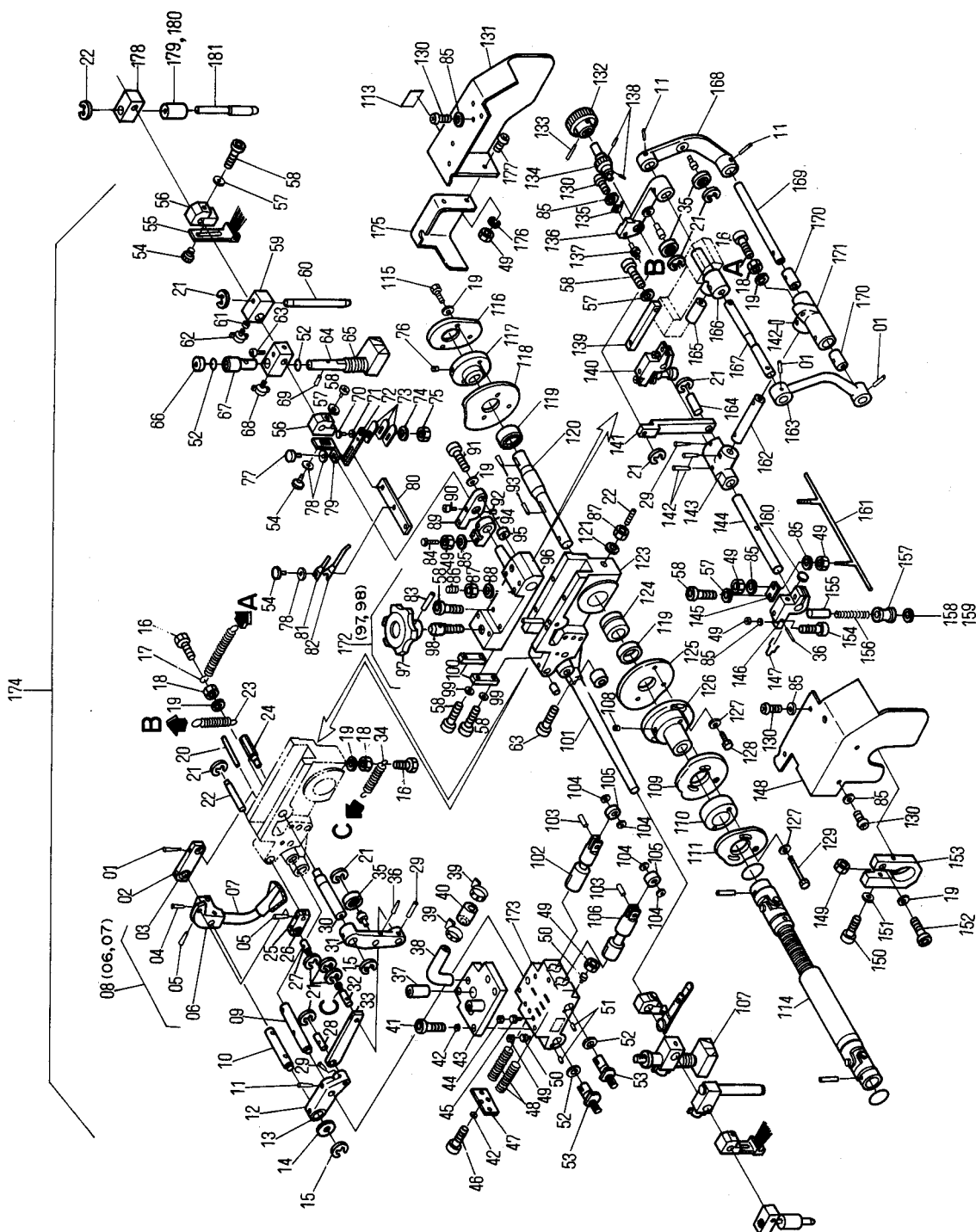
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Feed Section
Blower Suction Foot Drive (β252-SF)

E2018

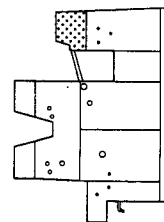
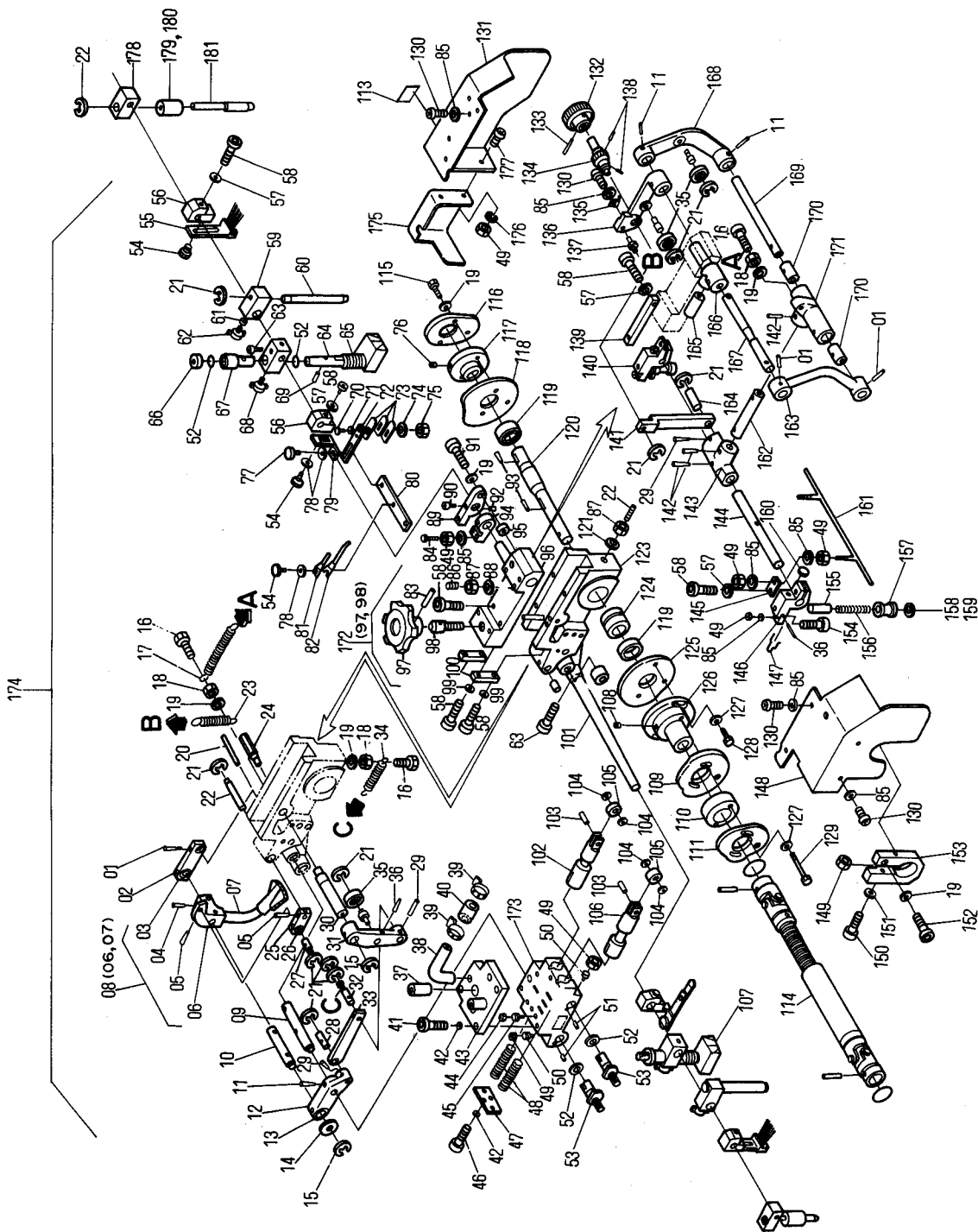
INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	182-147	Taper Pin		0	3
02	F2-162-A	Bracket		0	1
03	OB-12-1	Bushing	Included in 01	0	1
04	182-142.1	Taper Pin		0	1
05	182-145	Taper Pin		0	3
06	F2-17	Blower Foot Bracket		0	1
07	F2-161-A	Blower Foot		0	1
08	F2-161-B	Blower Foot Assy	(06, 07)	0	1
09	F2-160A	Pin		0	1
10	F2-160B	Pin		0	1
11	OT-4-22	Taper Pin		0	3
12	F2-16-A	Lever		0	1
13	OB-12-2	Bushing	Included in 12	0	1
14	C-127-01	Thrust Washer		0	1
15	181-410	E-Ring		0	2
16	101-370	Screw		0	3
17	SP-108	Spring		0	1
18	170-106	Nut		0	3
19	180-406	Washer		0	7
20	F2-1-01	Pin		0	1
21	181-406	E-Ring		0	14
22	F2-164	Pin		0	1
23	SP-109	Spring		0	1
24	F2-154	Stud Pin		0	1
25	F2-163-A	Bracket		0	1
26	OB-8-1	Bushing	Included in 25	0	1
27	F2-159B	Pin		0	1
28	F2-159A	Pin		0	1
29	183-170.01	Roll Pin		0	3
30	F2-156	Pin		0	1
31	F2-15-A	Cam Follower Lever		0	1
32	F2-158	Pin		0	1
33	F2-157	Crank Rod		0	1
34	SP-111	Spring		0	1
35	250-108.6	Cam Follower (Brg. 608zz)		0	3
36	182-110	Taper Pin		0	3
37	F2-133	Hose Joint		0	2
38	F2-134	Hose Joint		0	1
39	F2-134-02	Hose Band		0	2
40	F2-134-01	Hose		0	1
41	117-415	Screw		0	6
42	180-404.1	Washer		0	8
43	F2-6	Air Valve Bracket		0	1
44	170-105	Nut		0	2
45	F2-165B	Set Screw		0	2
46	117-408	Screw		0	2
47	F2-132	Spring Stopper		0	1
48	SP-110	Spring		0	2
49	170-104	Nut		0	8
50	F2-165C	Set Screw		0	2
51	183-165.01	Roll Pin		0	2
52	324-314	O-Ring		0	6
53	F2-131	Blower Adjuster		0	2
54	F2-168-01	Screw Knob		0	5
55	F2-141	Brush		0	2
56	F2-140	Bracket		0	2
57	180-405	Washer		0	4
58	117-520	Screw		0	12
59	F2-143	Bracket		0	2
60	F2-144	Back Guide Pin		0	2
61	PO-127	Spacer		0	2
62	F2-143-01	Screw Knob		0	2
63	117-508	Screw		0	3
64	F2-139L	Blower Foot	OP-S	0	1
65	SP-120	Spring		0	2
66	F2-138	Adjusting Nut		0	1
67	F2-172	Bushing		0	2
68	F2-137-01	Screw Knob		0	2
69	F2-139R-01	Pin		0	2
70	125-056	Screw		0	4



Feed Section
Blower Suction Foot Drive (β252-SF)

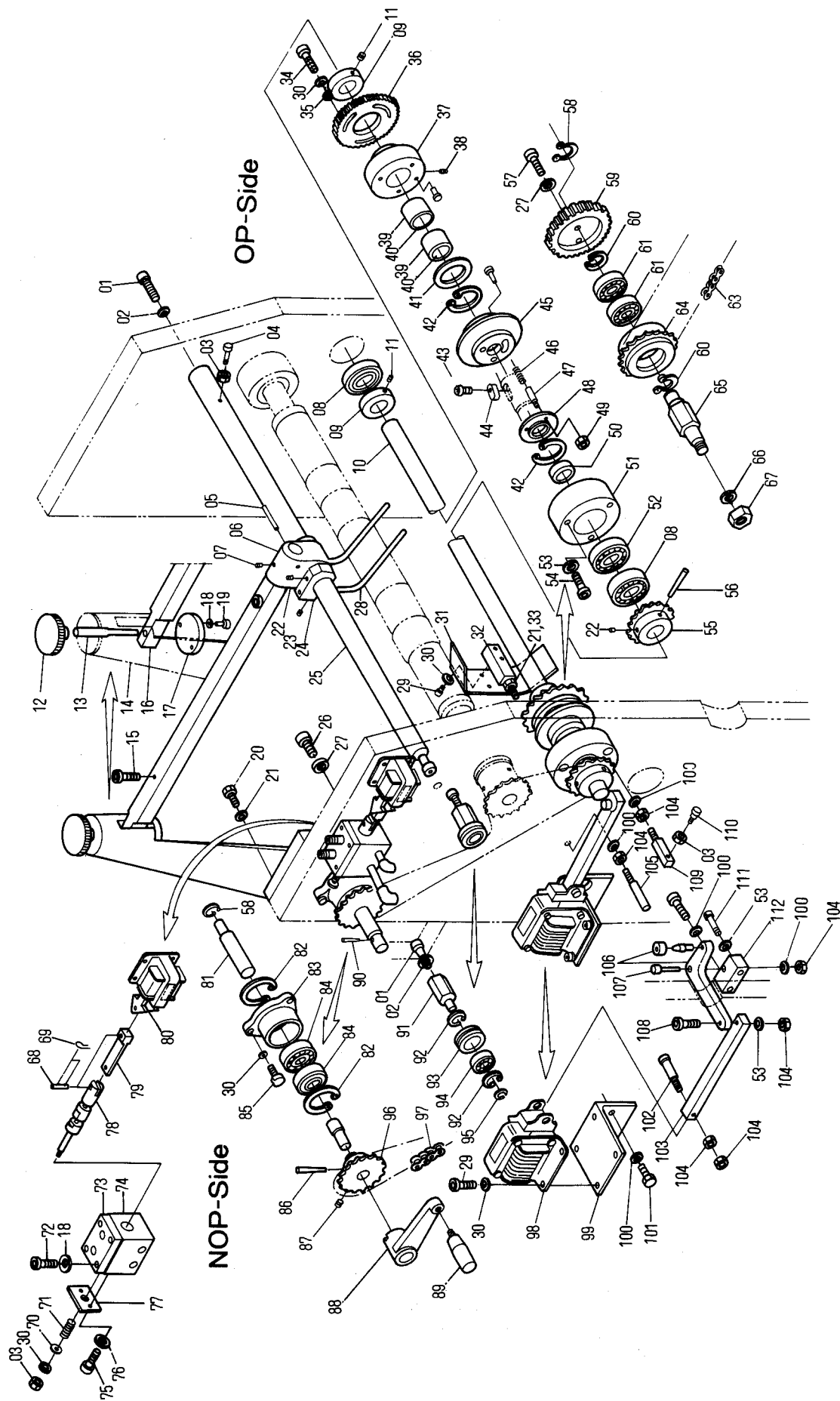
E2018

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
71	184-103.001	Flat Washer		0	4
72	F2-169	Plate		0	2
73	SP-118	Flat Spring		0	6
74	180-403	Washer		0	4
75	170-103	Nut		0	4
76	145-362	Set Screw		0	1
77	F2-170-01	Screw Knob		0	2
78	184-105.001	Flat Washer		0	5
79	F2-168	Holder		0	2
80	F2-170	Bracket		0	1
81	SP-121	Sheet Separator		0	1
82	SP-122	Sheet Separator		0	1
83	183-187	Roll Pin		0	1
84	117-430A	Screw		0	1
85	180-404	Washer		0	12
86	145-467	Set Screw		0	1
87	170-108	Nut		0	2
88	180-408	Washer		0	1
89	F2-19	Bracket		0	1
90	117-510	Screw		0	1
91	117-375	Screw		0	1
92	183-185	Roll Pin		0	1
93	F2-108-01	Key		0	2
94	F2-20	Bracket		0	1
95	F2-142	Spacer		0	1
96	F2-2	Bracket		0	1
97	F2-117-01	Handle		0	1
98	F2-117	Handle Shaft		0	1
99	180-405.1	Washer		0	4
100	F2-119	Block		0	2
101	F2-136	Shaft		0	1
102	F2-129A	Blower Piston		0	1
103	F2-130	Pin		0	2
104	F2-130-01	Wave Washer		0	4
105	250-126.6	Bearing (Brg. 626zz)		0	2
106	F2-129B	Blower Piston		0	1
107	F2-139R	Blower Foot	NOP-S	0	1
108	145-356	Set Screw		0	1
109	F2-113	Timing Cam		0	1
110	F2-111	Spacer		0	1
111	F2-112	Timing Cam		0	1
112	NP-3	Name Plate		0	1
113	NP-5	Name Plate		0	1
114	5813-17006	Joint		0	1
115	101-375	Screw		0	2
116	F2-116	Timing Cam		0	1
117	F2-109B	Cam Flange		0	1
118	F2-115	Timing Cam		0	1
119	250-003.6	Bearing (Brg. 6003zz)		0	2
120	F2-108	Cam Shaft		0	1
121	180-108	Lock Washer		0	1
122	145-480	Set Screw		0	1
123	F2-1	Feeder Head Frame		0	1
124	F2-110	Spacer		0	1
125	F2-114	Timing Cam		0	1
126	F2-109A	Cam Flange		0	1
127	184-106.001	Flat Washer		0	4
128	101-362	Screw		0	2
129	101-382	Screw		0	2
130	125-108	Screw		0	7
131	5605-02040	Cover	OP-S	0	1
132	PO-111	Handle		0	1
133	IT-4-25	Taper Pin		0	1
134	F2-152	Handle Shaft		0	1
135	SP-119	Flat Spring		0	1
136	F2-13-A	Lever		0	1
137	SPF-M603	Stud Pin		0	1
138	183-181	Roll Pin		0	2
139	5605-02107	Bracket		0	1
140	F2-12L	Bracket		0	1



E2018

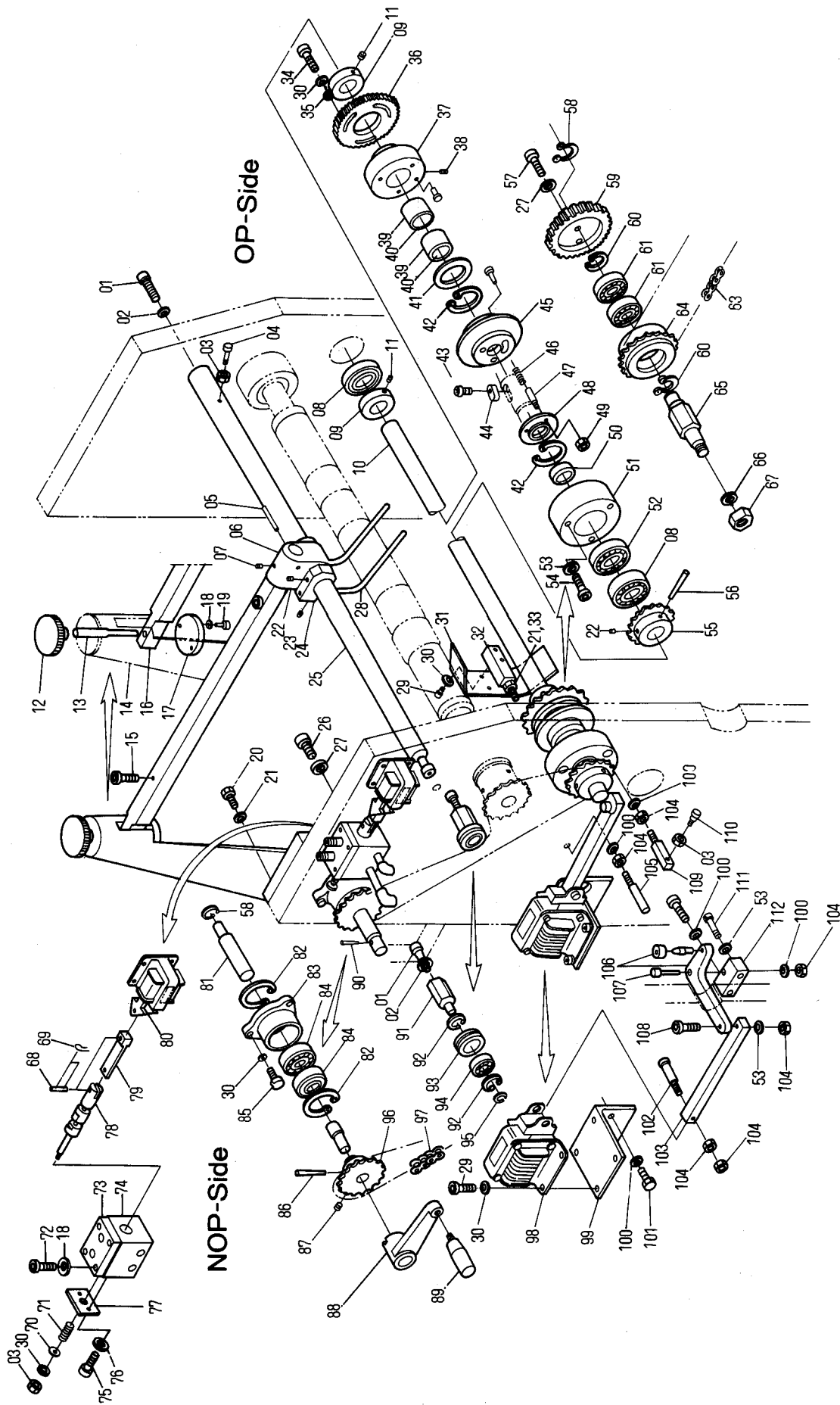
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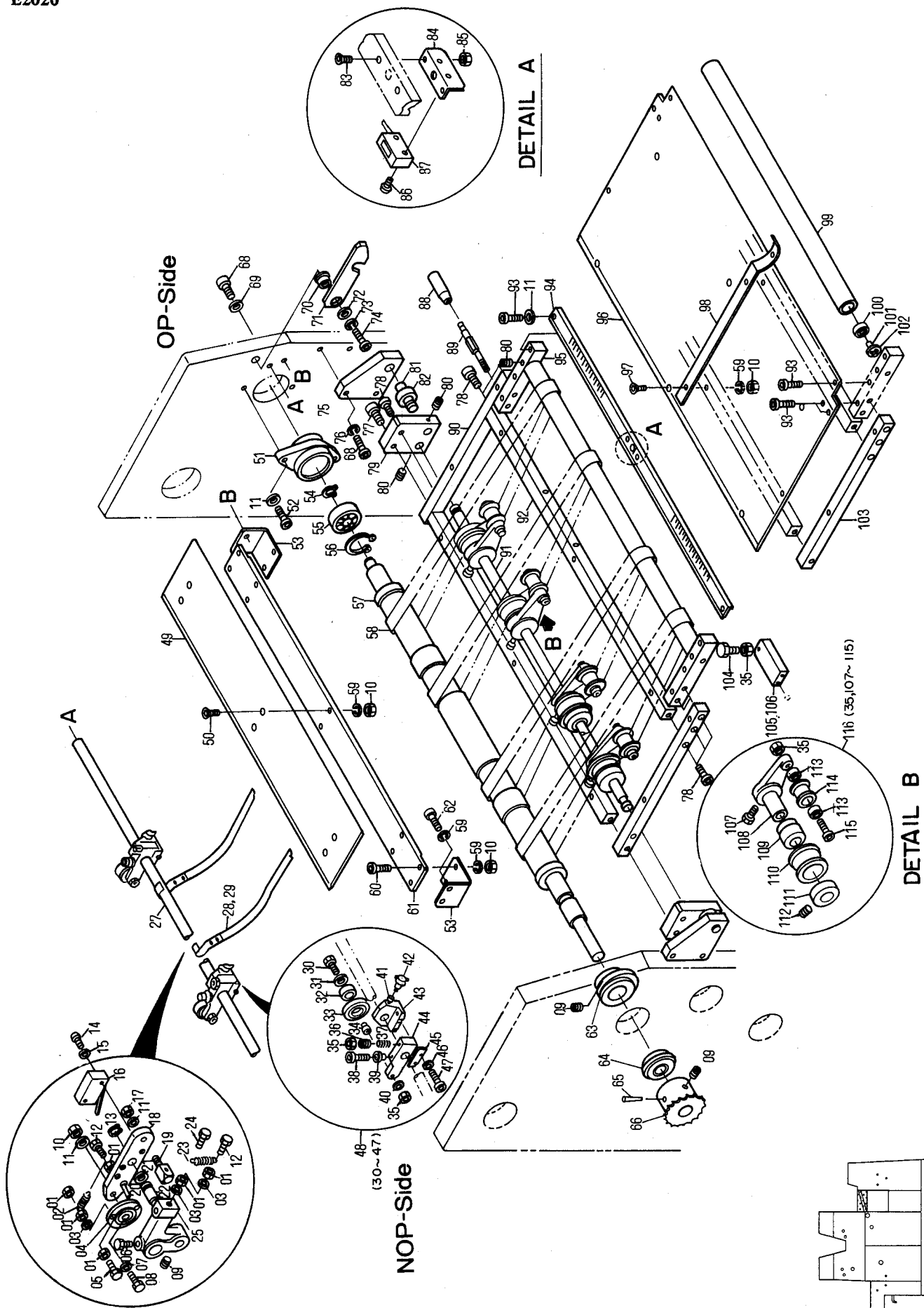
**Feed Section
Feeder Drive Section (β252-SF)**

E2019

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	117-570	Screw		0	3
02	180-410.1	Washer		0	3
03	170-106	Nut		0	3
04	101-381	Screw		0	1
05	182-212	Taper Pin		0	1
06	F2-4	Guide Rail Bracket		0	1
07	145-358	Set Screw		0	1
08	250-205.8	Bearing (Brg. 6205NR)		0	2
09	COM-25	Collar		0	3
10	5813-18006	Drive Shaft		0	1
11	145-458	Set Screw		0	3
12	F2-104	Adjustment Handle		0	1
13	F2-105	Handle Shaft		0	1
14	5813-17001	Center Separate Unit Support Bracket		0	1
15	117-358	Screw		0	2
16	5813-17005	Guide Rail		0	1
17	F2-106	Cap		0	1
18	180-405.1	Washer		0	6
19	117-515	Screw		0	2
20	101-571	Screw		0	2
21	180-410	Washer		0	3
22	145-360	Set Screw		0	3
23	145-515	Set Screw		0	2
24	F4-6	Guide Bar Bracket		0	2
25	5813-17004	Guide Bar Spreader		0	1
26	117-380	Screw		0	2
27	180-406.1	Washer		0	5
28	5813-19021	Guide Bar		0	2
29	117-360	Screw		0	6
30	180-406	Washer		0	13
31	5813-18015	Sprocket Cover	NOP-S	0	1
32	5813-18016	Stud		0	1
33	170-110	Nut		0	1
34	117-375	Screw		0	3
35	184-106	Flat Washer		0	3
36	5813-18005	Drive Gear		0	1
37	5813-18008A	Hub		0	1
38	145-506	Set Screw		0	1
39	257-140	Bearing (Brg. NK29/20R)		0	2
40	258-303	Bearing (Brg. IR25x29x20)		0	2
41	F1-149-01	Thrust Washer		0	1
42	181-025	C-Ring		0	2
43	125-608	Screw		0	2
44	F3-109	Key		0	1
45	5813-18009A	Clutch Wheel		0	1
46	SP-114	Spring		0	3
47	F3-114	Spring Guide Pin		0	3
48	5813-18010	Spring Holder		0	1
49	170-105	Nut		0	3
50	5813-18007	Spacer		0	1
51	5813-18001	Drive Shaft Bushing Bracket		0	1
52	250-205.6	Bearing (Brg. 6205zz)		0	1
53	180-408.1	Washer		0	6
54	117-482	Screw		0	3
55	F3-105	Sprocket		0	1
56	182-213.1	Taper Pin		0	1
57	117-370	Screw		0	3
58	181-020	C-Ring		0	2
59	5813-18004	Drive Gear		0	1
60	181-242	C-Ring		0	2
61	250-004.6	Bearing (Brg. 6004zz)	Included in 64	0	2
62					
63	5813-18018	Chain		0	1
64	5813-18003A	Drive Sprocket		0	1
65	5813-18014	Stud Pin		0	1
66	180-412	Washer		0	1
67	170-112	Nut		0	1
68	5813-17009	Pin		0	2
69	183-743	Cotter Pin		0	4
70	5813-17007	Washer		0	1



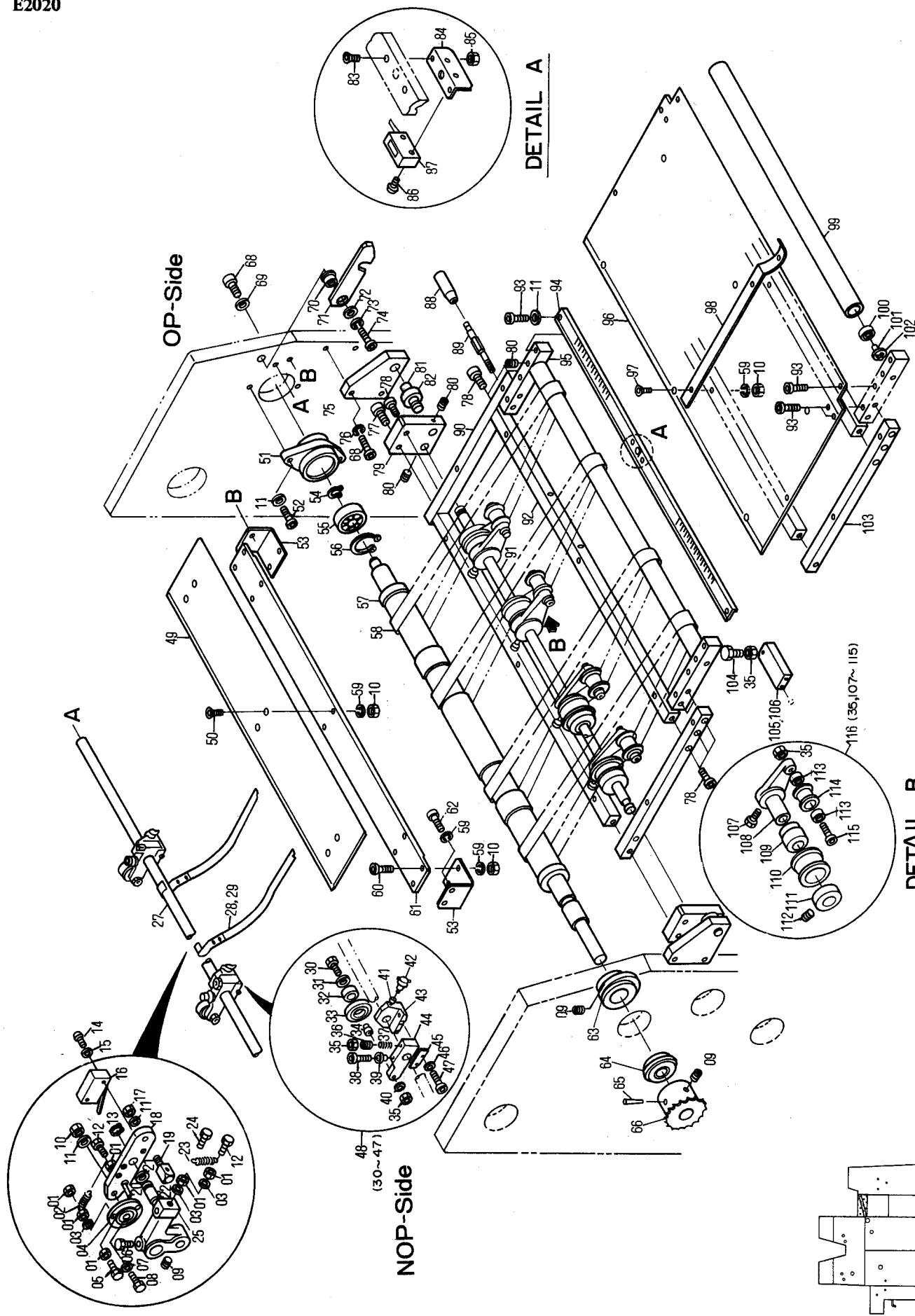
E2019[illegible]



Feed Section
Conveyor Table (β252-SF)

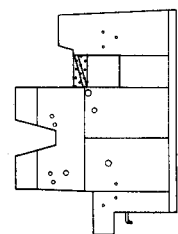
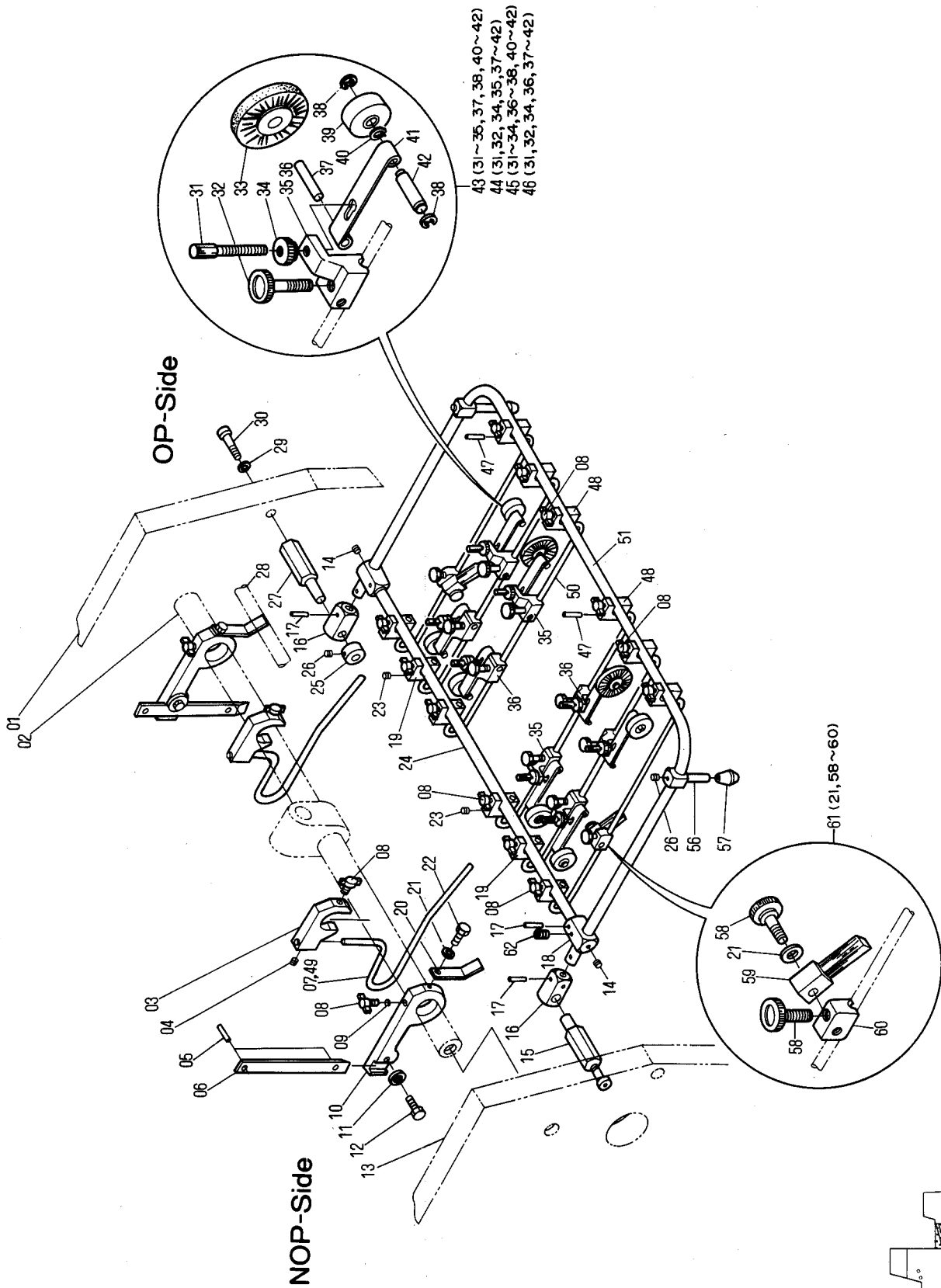
E2020

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	170-104	Nut		0	6
02	5813-19047	Spring		0	1
03	180-404	Washer		0	3
04	F4-171	Detector Roller		0	1
05	101-425	Screw		0	1
06	101-360	Screw		0	1
07	184-106	Flat Washer		0	1
08	101-375	Screw		0	1
09	145-360	Set Screw		0	3
10	170-106	Nut		0	17
11	180-406	Washer		0	6
12	101-415	Screw		0	2
13	181-012	C-Ring		0	1
14	125-620	Screw		0	2
15	180-403	Washer		0	2
16	E10-46-1A-3	Limit Switch (D2MV51C2)		0	1
17	170-106.3	Nut		0	1
18	F4-11	Detector Lever		0	1
19	F4-173	Stud Pin		0	1
20	183-208.1	Roll Pin		0	1
21	F1-149-01	Thrust Washer		0	1
22	F4-172	Pin		0	1
23	SP-129	Spring		0	1
24	101-412	Screw		0	1
25	F4-10	Detector Frame		0	1
26					
27	5813-19014	Pullout Roller Pilot Shaft		0	1
28	5813-19050A	Paper Retainer (16mm x 464mm)	t = 0.1mm	0	1
29	5813-19051A	Paper Retainer (16mm x 534mm)	t = 0.1mm	0	1
30	101-481	Screw		0	2
31	184-108	Flat Washer		0	2
32	250-001	Bearing (Brg. 6001)		0	2
33	F4-146	Pullout Roller		0	2
34	F4-130	Pin		0	2
35	170-108	Nut		0	10
36	145-467	Set Screw		0	2
37	SP-116	Spring		0	2
38	117-382A	Screw		0	2
39	F4-133A	Lock Nut		0	2
40	180-408	Washer		0	2
41	PO-127	Spacer		0	2
42	F4-3-01	Thumb Screw		0	2
43	F4-3	Pullout Roller Bracket		0	2
44	F4-2	Pullout Roller Bracket		0	2
45	F4-167	Pullout Roller Holder		0	2
46	180-404.1	Washer		0	4
47	117-408	Screw		0	4
48	F4-2-A	Pullout Roller Assy (30 ~ 47)		0	2
49	5813-19037	Guide Plate		0	1
50	122-170	Screw		0	6
51	5813-19001A	Tape Roller Bracket		0	1
52	117-370	Screw		0	2
53	5813-19035	Guide Plate Bracket		0	2
54	181-025	C-Ring		0	1
55	251-205	Bearing (Brg. 1205)	Included in 51	0	1
56	181-252	C-Ring		0	1
57	5813-19002	Tape Roller		0	1
58	5813-19042	Conveyor Tape		0	4
59	180-106	Lock Washer		0	20
60	117-368	Screw		0	4
61	5813-19036	Guide Plate Bar		0	1
62	117-362	Screw		0	4
63	F1-12	Operating Cam		0	1
64	250-205.8	Bearing (Brg. 6205NR)		0	1
65	182-213.1	Taper Pin		0	1
66	F3-104	Sprocket		0	1
67					
68	117-475	Screw		0	6
69	180-408.1	Washer		0	2
70	5813-19039	Spacer		0	1



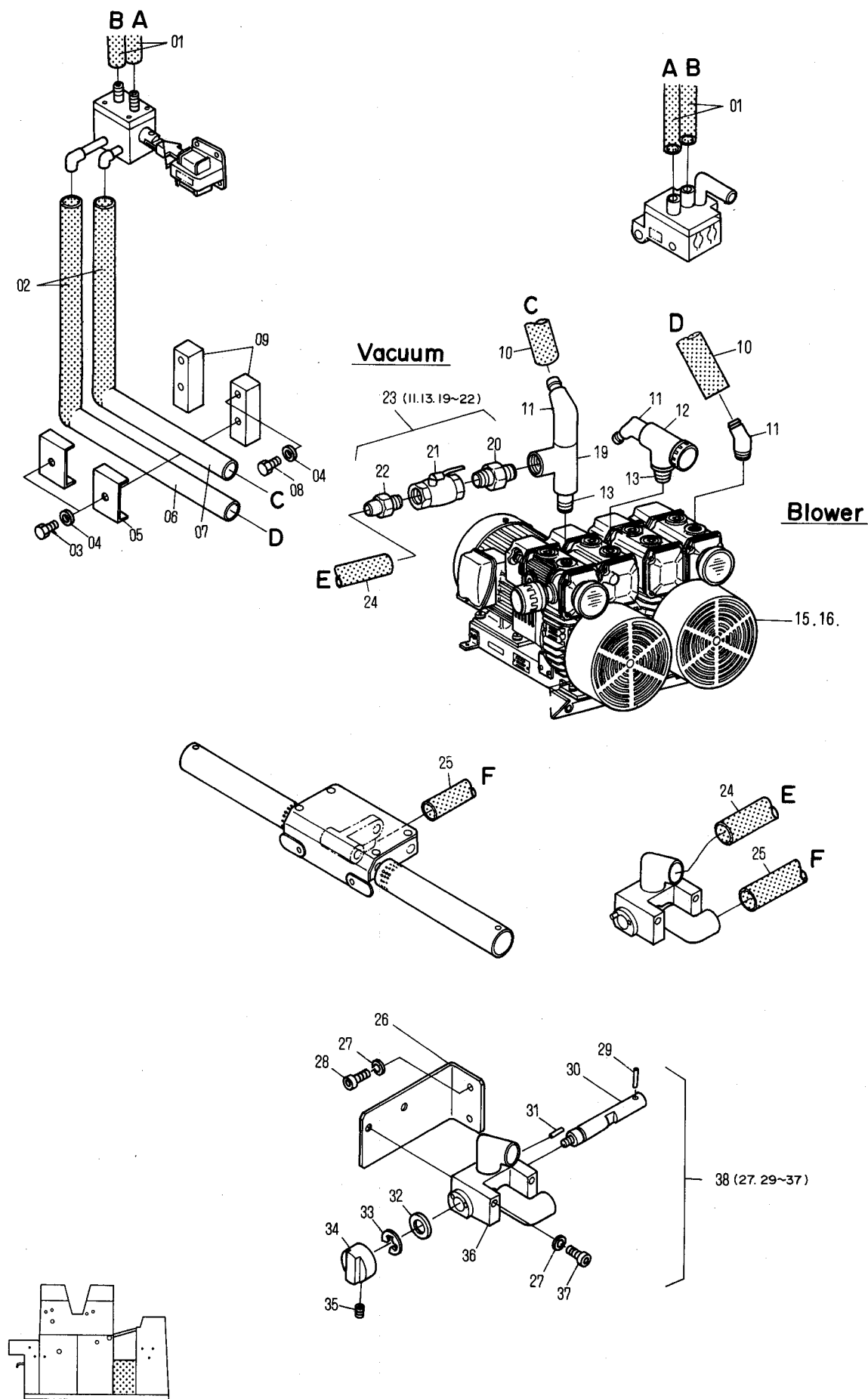
E2020

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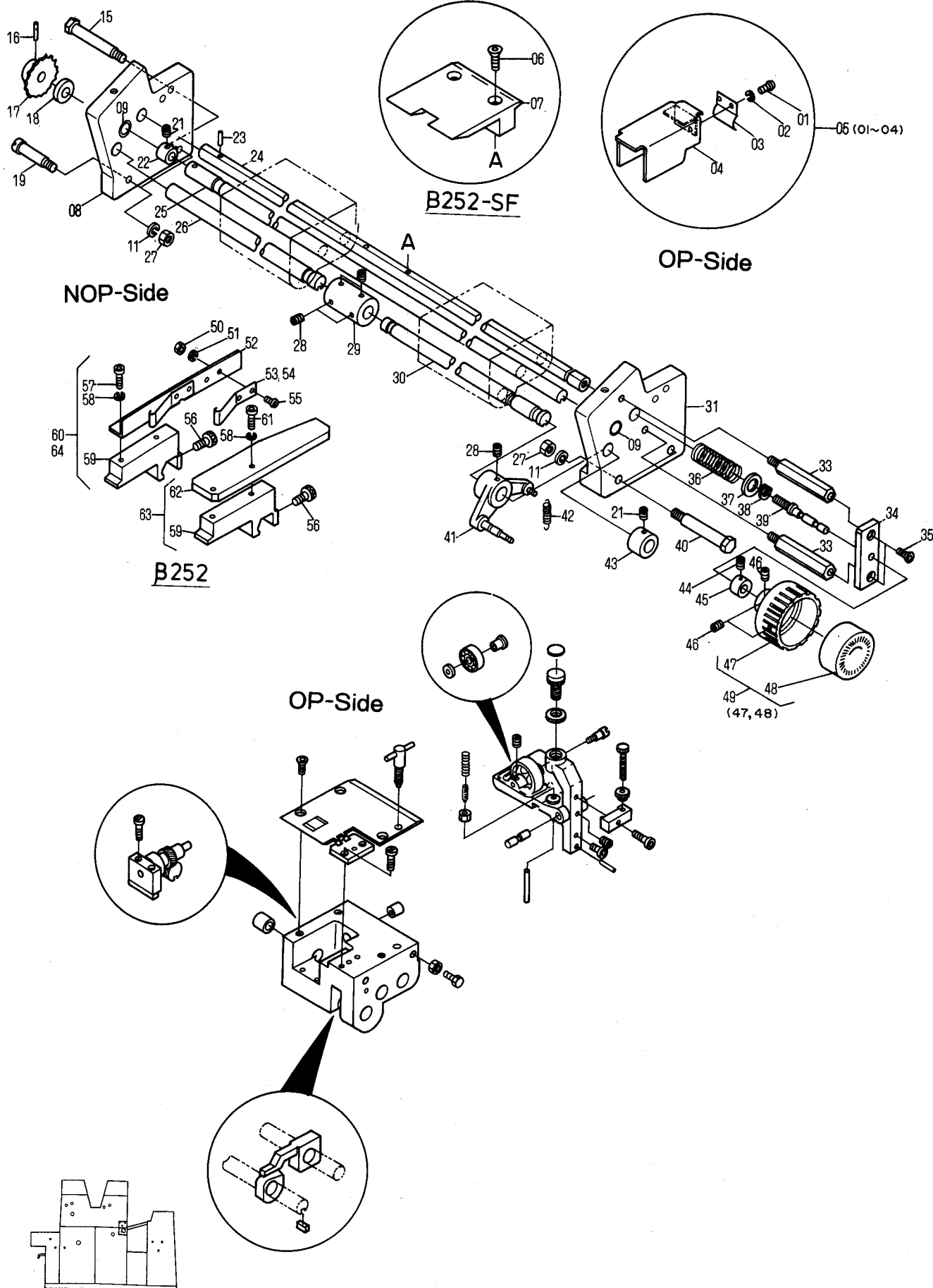
E2021

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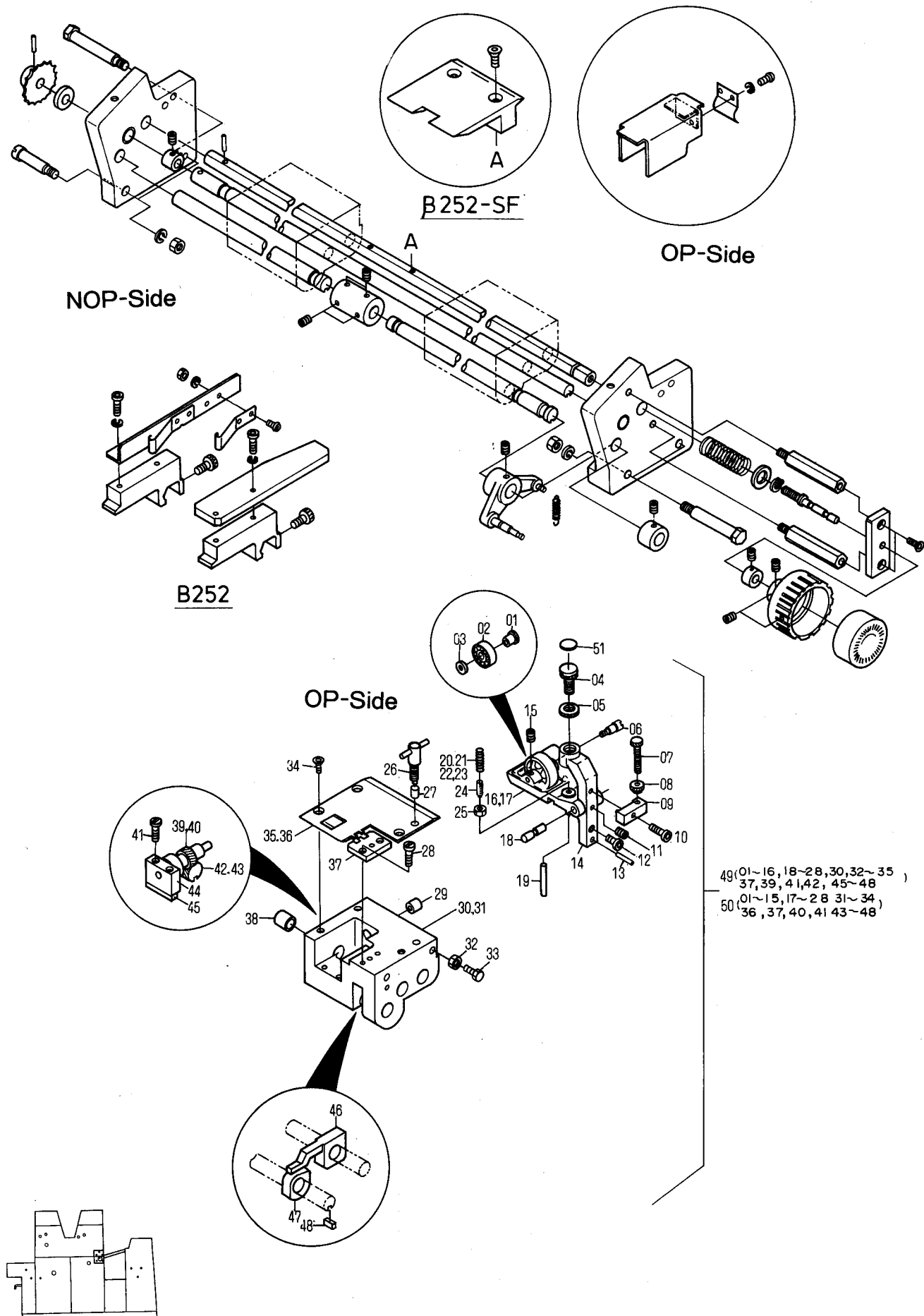
E2022

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E2023

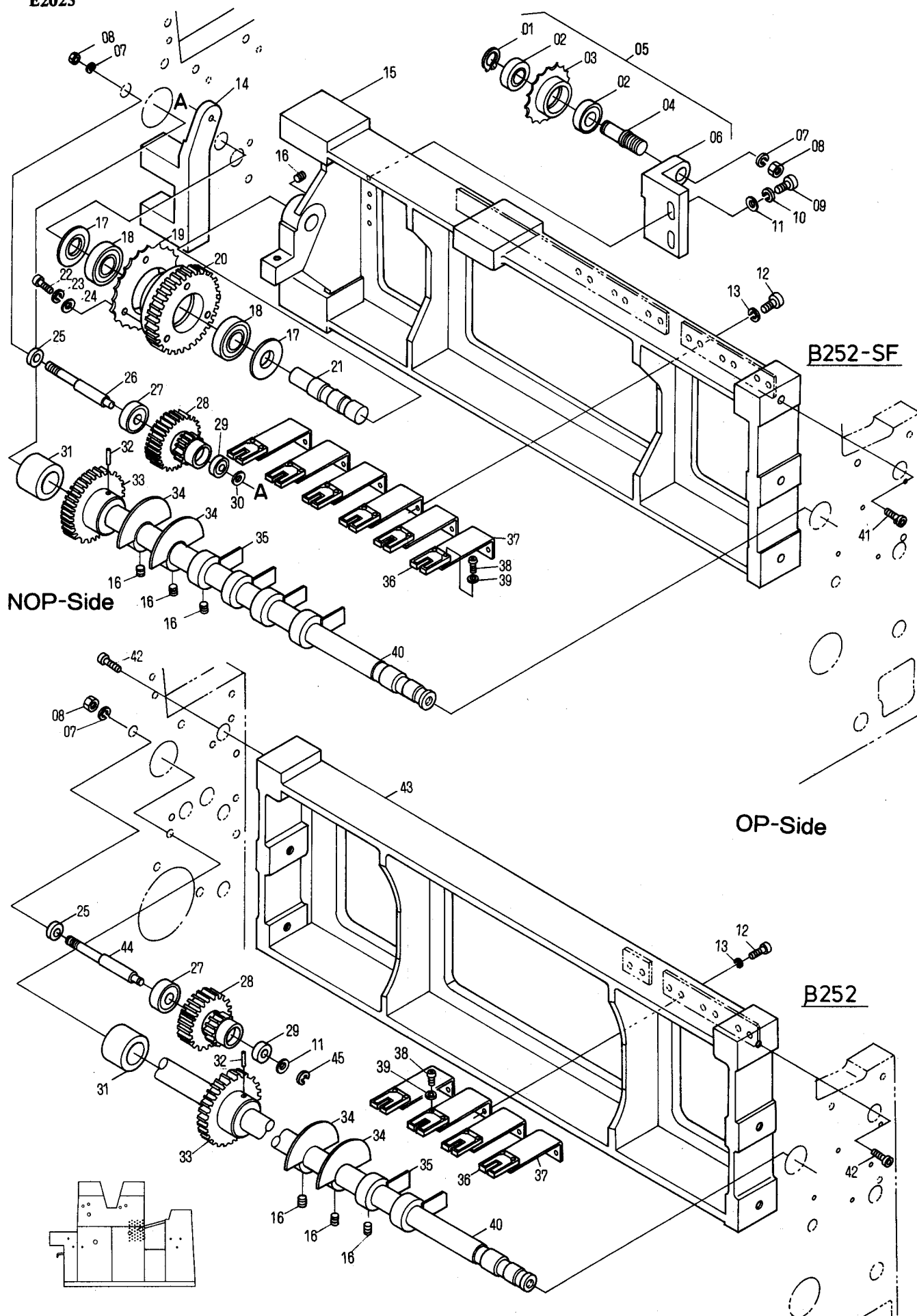
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E2024

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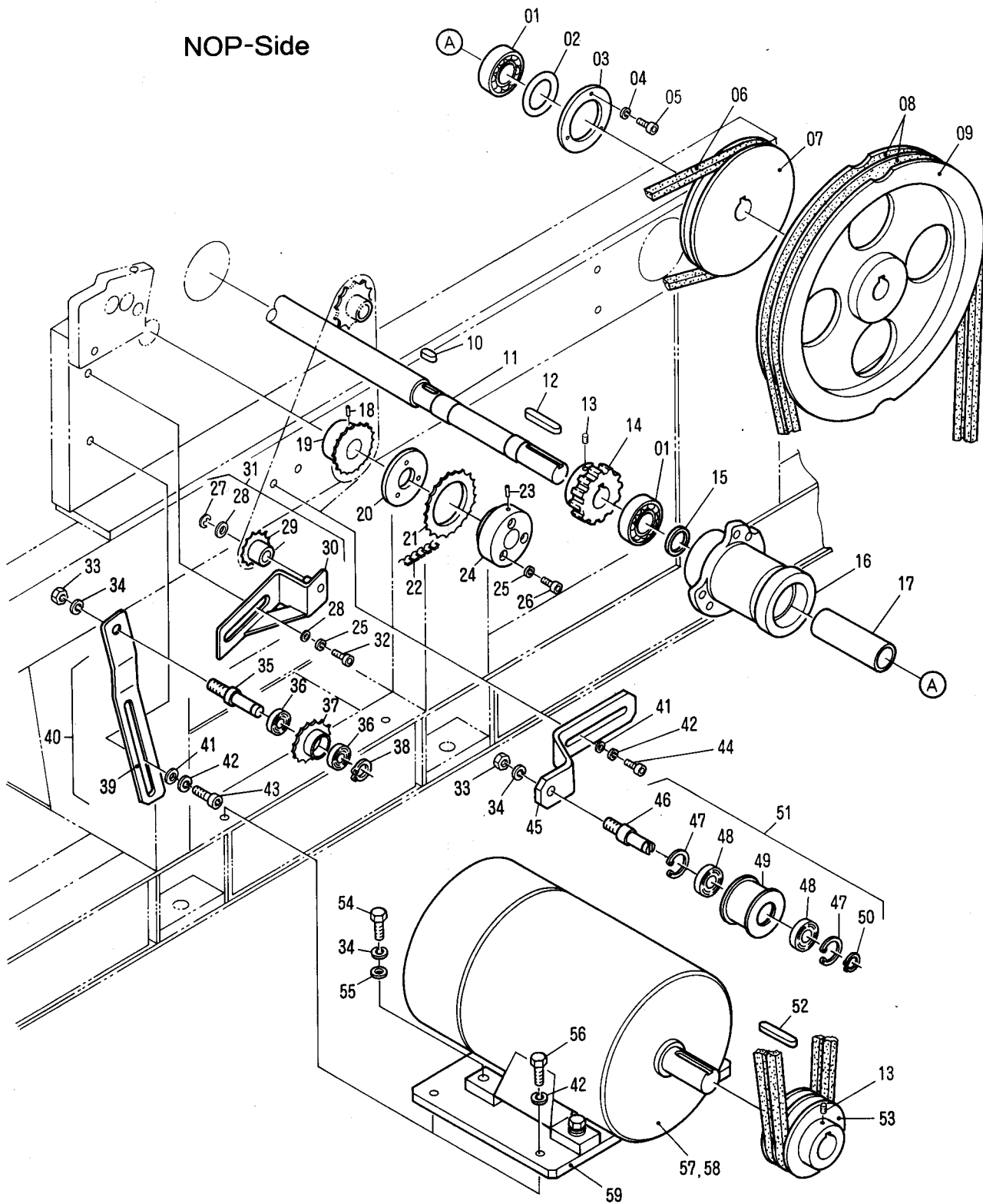
E2025



E2025

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NOP-Side

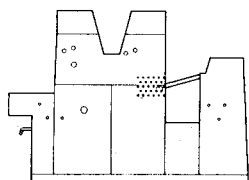
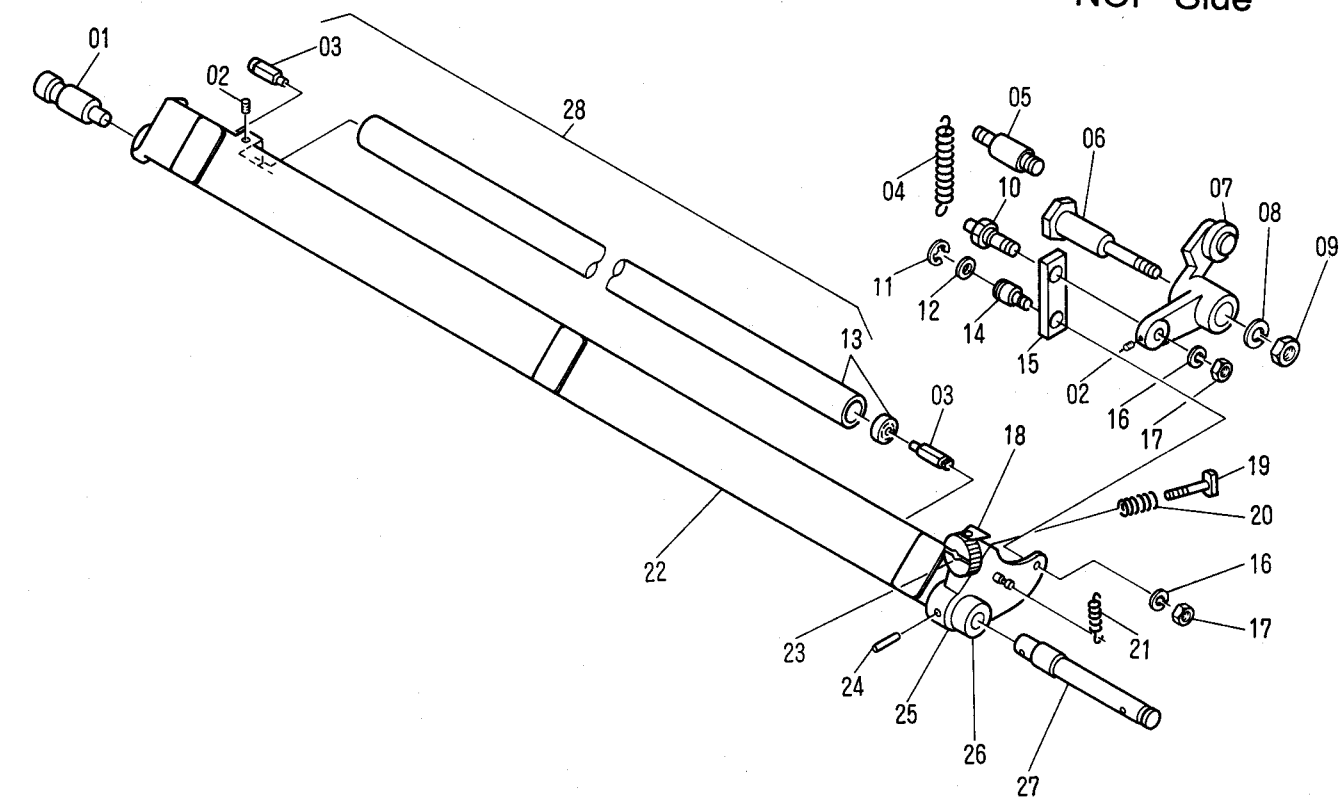


E2026

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OP-Side

NOP-Side



E2027

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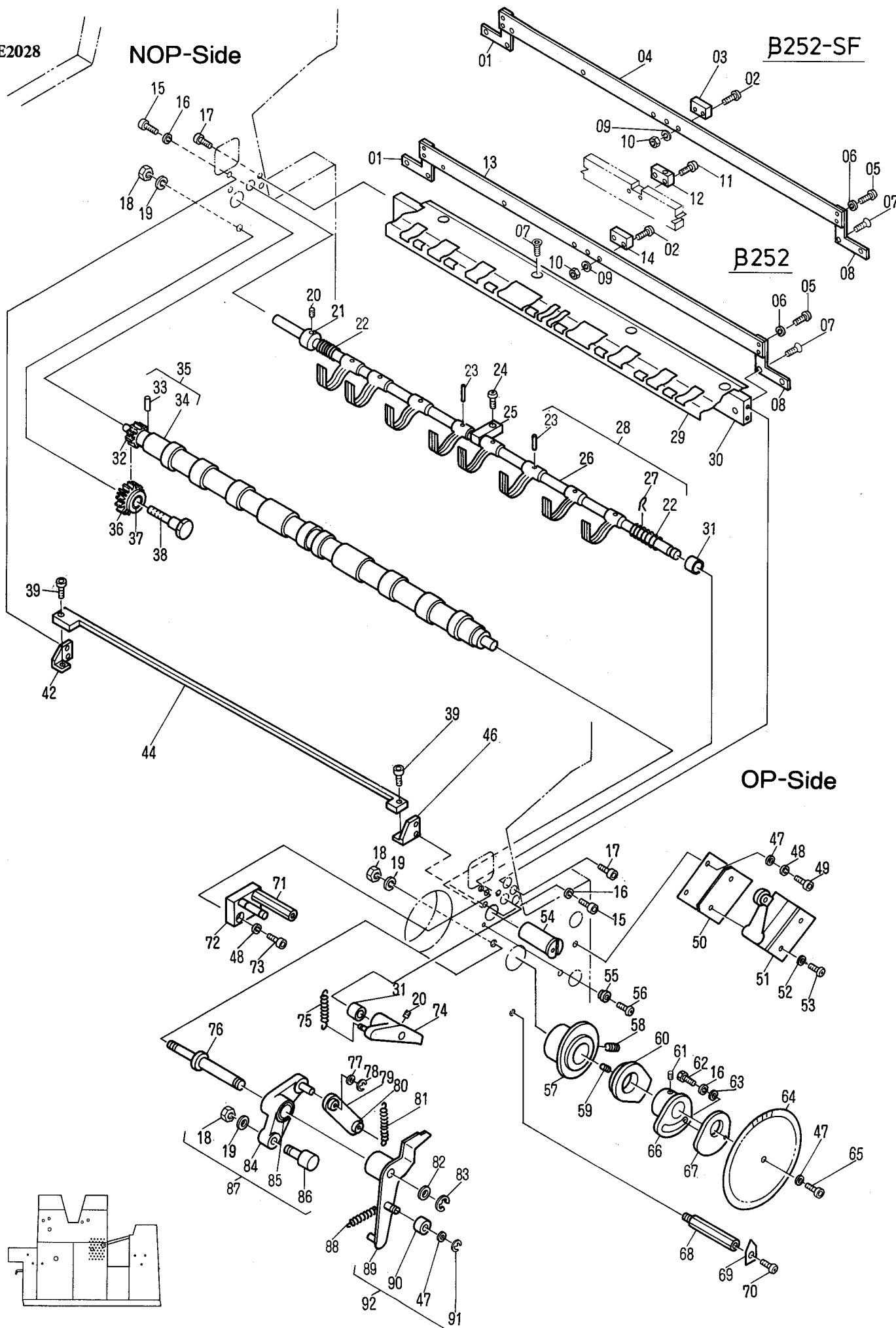
E2028

NOP-Side

B252-SF

B252

OP-Side



Paper Feed-in Unit
Paper Feed Plate and Lower Feed Roller

E2028

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5802-05116	Bracket	NOP-S	1	1
02	125-618	Screw		4	4
03	E26-68-3	Sensor (L87-013)		0	1
04	5802-05118	Sensor Bracket		0	1
05	125-656	Screw		4	4
06	180-104	Lock Washer	OP-S	4	4
07	122-110	Screw		8	8
08	5802-05115	Bracket		1	1
09	180-103	Lock Washer		2	2
10	170-103	Nut		2	2
11	125-615	Screw		2	2
12	E26-69-3	Sensor (R87-013)		0	1
13	5802-05117	Sensor Bracket		1	0
14	E26-71-3	Sensor (GSZ3RS)		1	0
15	117-530	Screw		4	4
16	180-105	Lock Washer		5	5
17	117-375	Screw		4	4
18	170-108	Nut		3	3
19	180-108	Lock Washer		3	3
20	145-506	Set Screw		2	2
21	H38-20-3	Collar		1	1
22	5802-05041	Spring		2	2
23	183-182	Roll Pin		8	8
24	125-762	Screw		1	1
25	5802-05011	Head Stop Bracket	Included in 26	1	1
26	5802-05010B	Head Stop		1	1
27	183-745	Cotter Pin		2	2
28	5802-05010D	Head Stop Assy	(20 ~ 27)	1	1
29	5802-05119	Paper Feed Plate		1	1
30	5802-05004	Cross Frame		1	1
31	CK08-57	Bushing		2	2
32	5802-05080	Gear		1	1
33	183-184	Roll Pin		1	1
34	5802-05079	Lower Feed Roller		1	1
35	5802-05079A	Lower Feed Roller Assy	(32 ~ 34)	1	1
36	5802-05081A	Gear		1	1
37	M02-10-02-3	Bushing	Included in 36	1	1
38	5802-05082	Gear Stud		1	1
39	117-512	Screw		2	2
40					
41					
42	5802-05093	Support Bracket	NOP-S	1	1
43	5802-05065	Guide Roller		1	1
44	5802-05069	Guide Roller Bracket		1	1
45					
46	5802-05094	Support Bracket	OP-S	1	1
47	184-106	Flat Washer		4	4
48	180-106	Lock Washer		3	3
49	117-362	Screw		2	2
50	5802-07037	Limit Switch Bracket		1	1
51	E10-20-3	Limit Switch (AZ7141)		1	1
52	184-104	Flat Washer		2	2
53	125-675	Screw		2	2
54	5802-05089	Eccentric Bushing		1	1
55	KC02-59	Retaining Washer		1	1
56	125-712	Screw		1	1
57	5802-07068	Cam		1	1
58	145-460	Set Screw		1	1
59	145-508	Set Screw		1	1
60	5802-05103	Cam		1	1
61	145-356	Set Screw		1	1
62	101-508	Screw		1	1
63	184-105	Flat Washer		1	1
64	5802-10057	Angle Indicated Plate		1	1
65	117-360	Screw		1	1
66	5802-07055A	Cam		1	1
67	5802-07054	Cam		1	1
68	5105-02116	Stud		1	1
69	5802-10058	Indicator		1	1
70	125-758	Screw		1	1

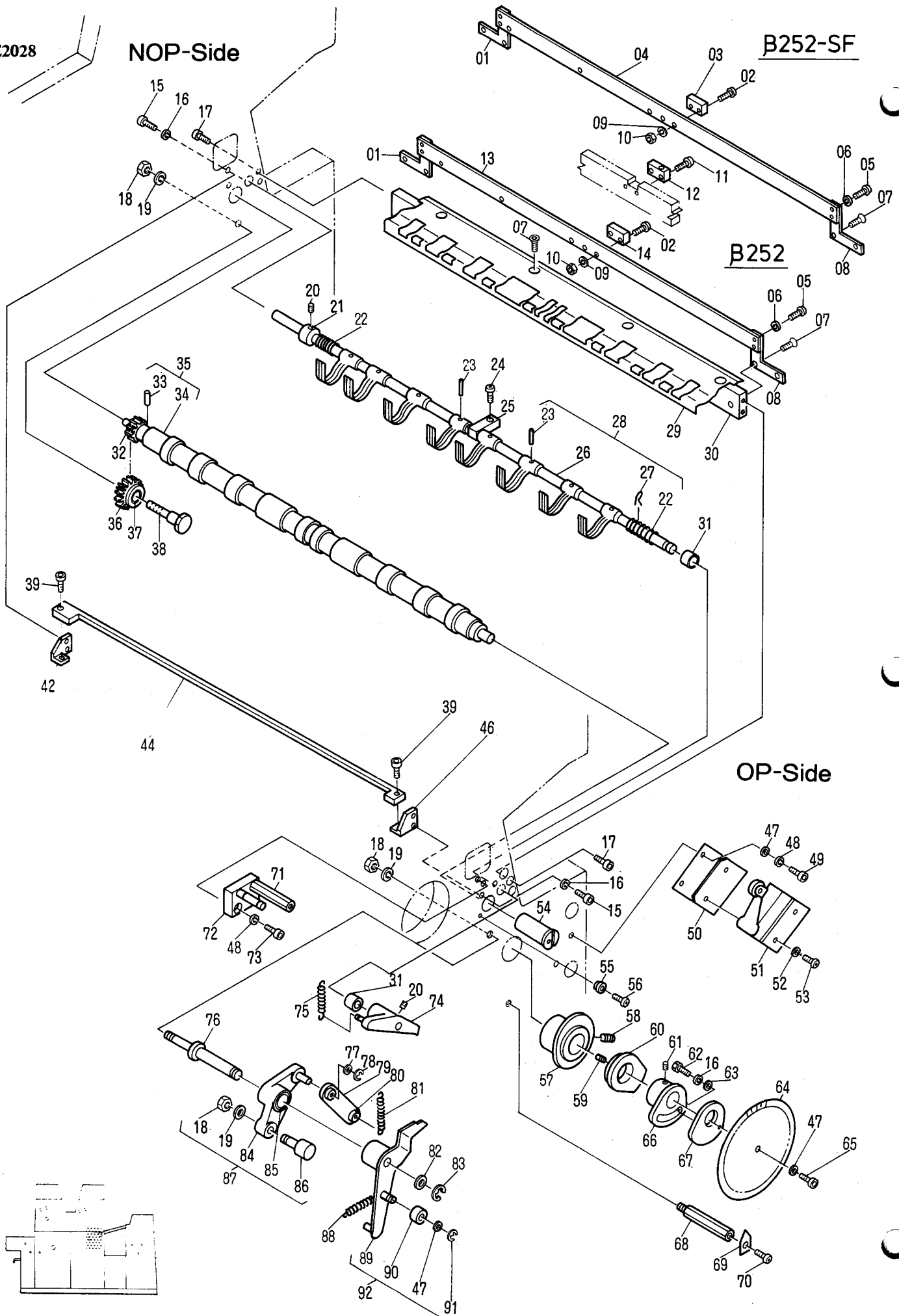
E2028

NOP-Side

B252-SF

B252

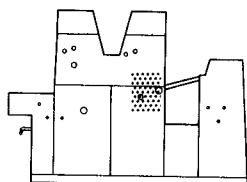
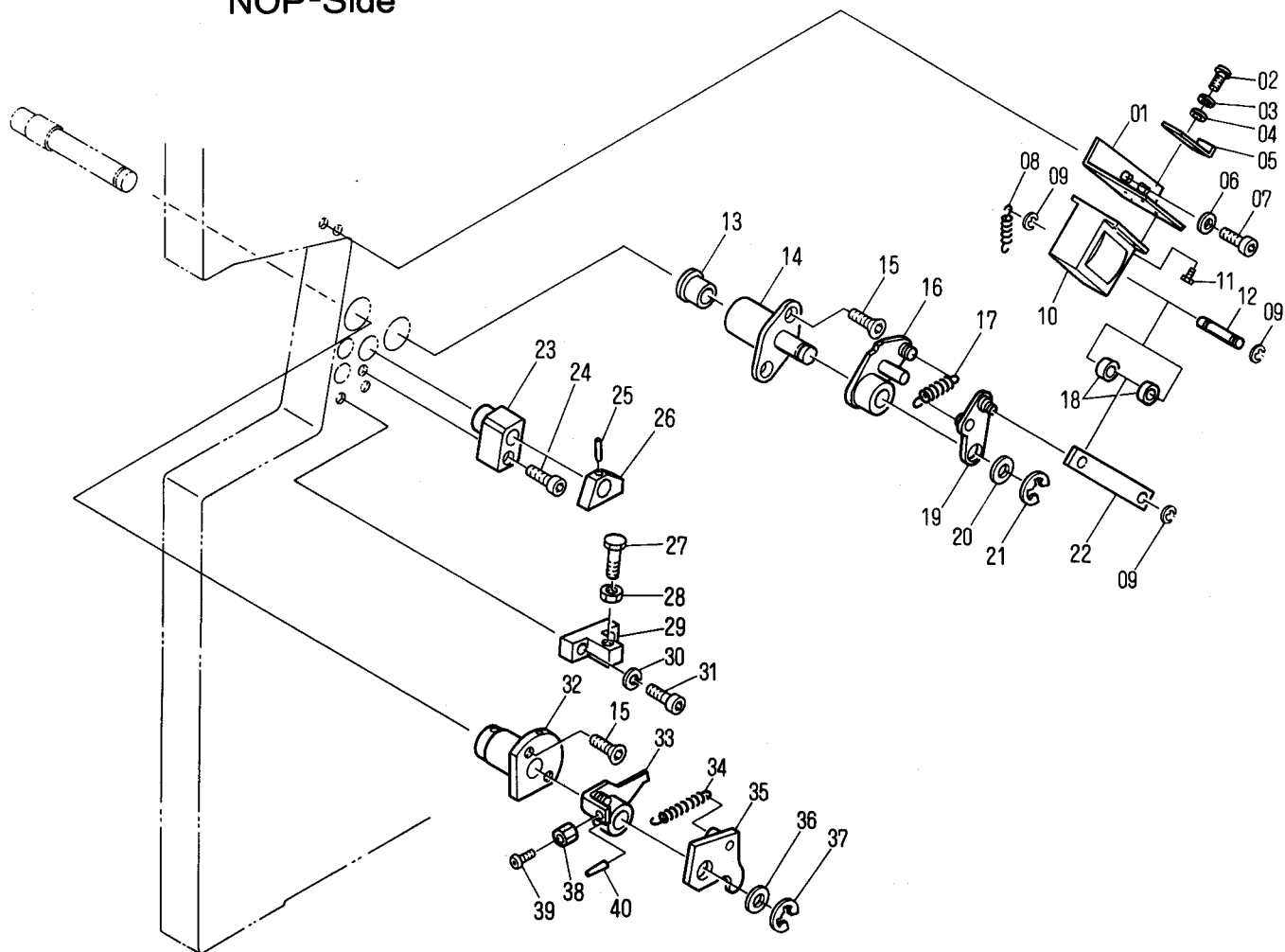
OP-Side



E2028

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NOP-Side



E2029

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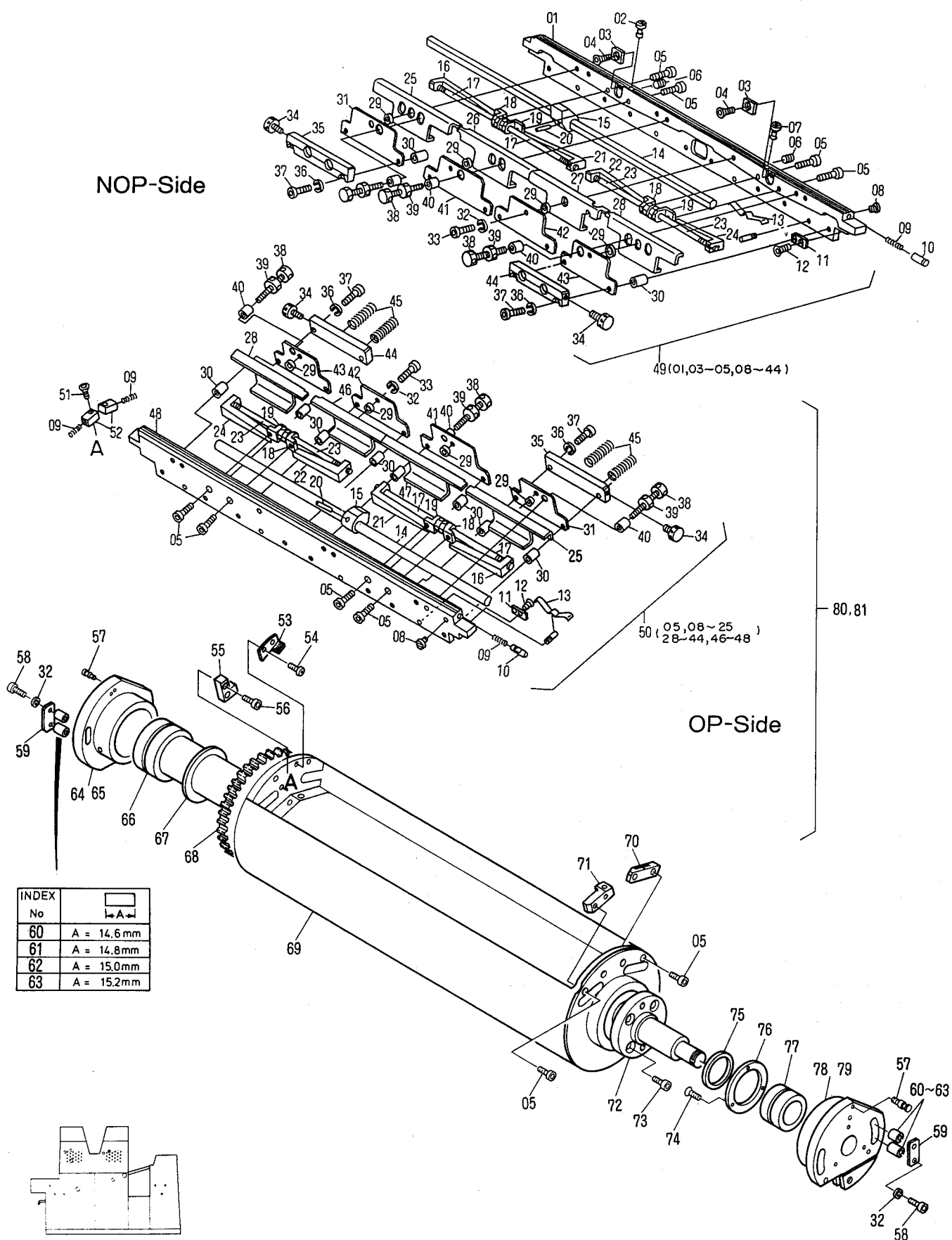
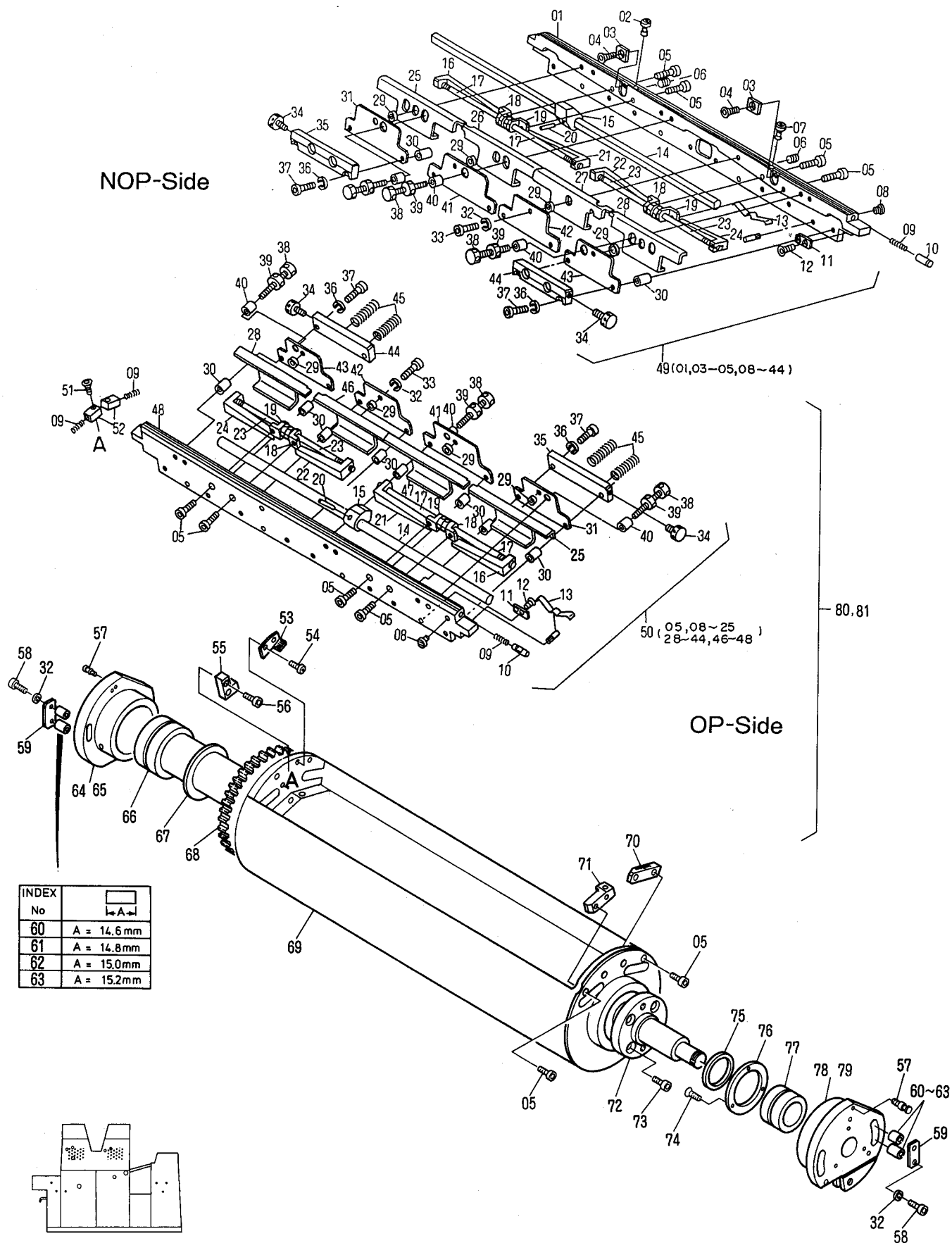


Plate Cylinder

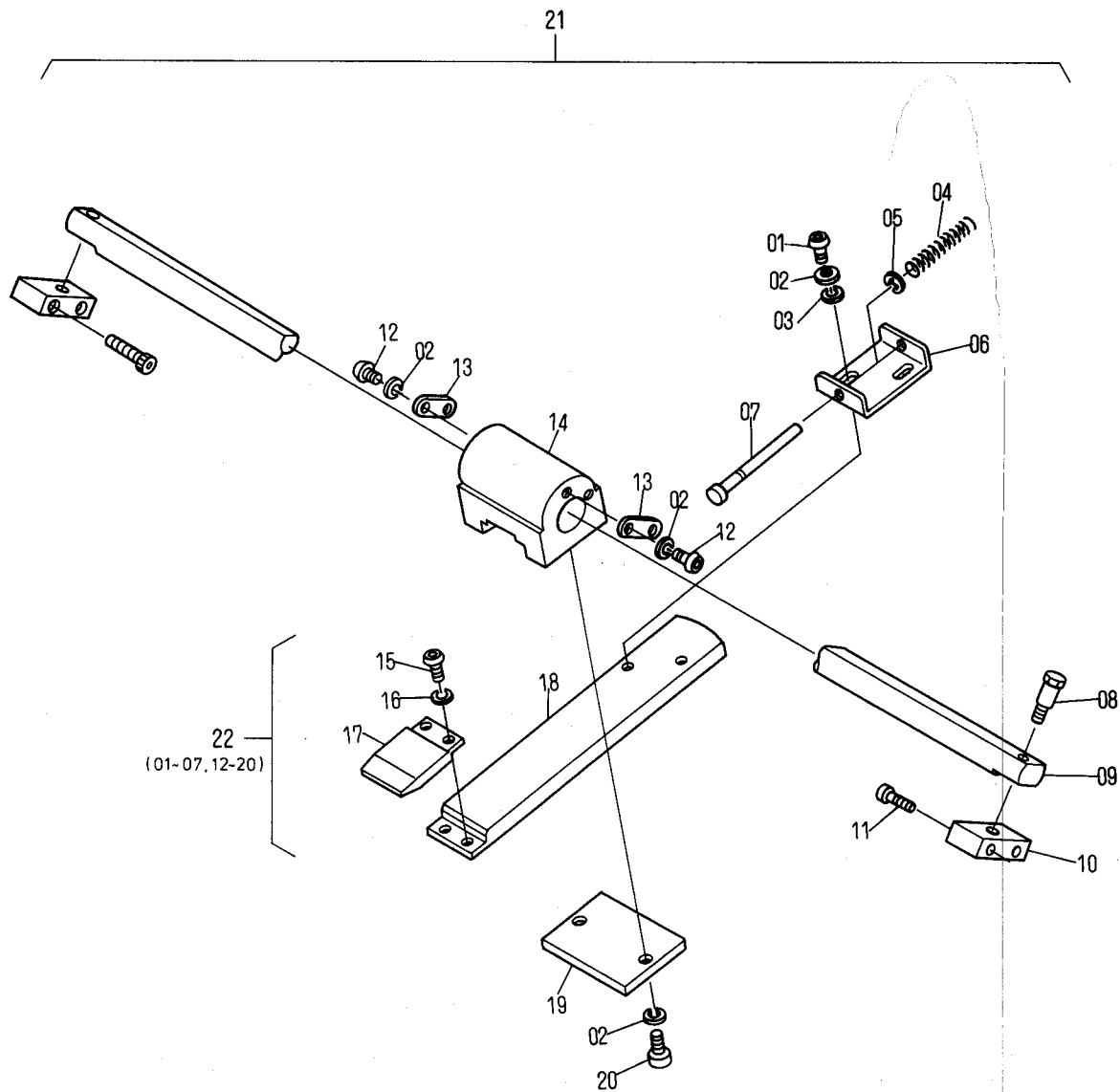
E2030

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5802-04005A	Anvil		2	2
02	5802-04086	Register Pin for Pin System	NOP-S	2	2
03	5802-04033	Stopper		4	4
04	122-110	Screw		4	4
05	117-518	Screw		30	30
06	145-506	Set Screw		4	4
07	5802-04085	Register Pin for Pin System	OP-S	2	2
08	5802-04044	Screw		4	4
09	5802-04041	Spring		12	12
10	5802-04045	Pin		4	4
11	5802-04171	Plate		4	4
12	122-056	Screw		8	8
13	5802-04043	Flat Spring		16	16
14	5802-04029	Shaft		4	4
15	5802-04025	Lever		4	4
16	5802-04023	Wedge		4	4
17	5802-04031	Adjustment Screw		8	8
18	5802-04035	Bracket		8	8
19	5802-04034	Bracket		8	8
20	182-145	Taper Pin		4	4
21	5802-04024	Wedge		4	4
22	5802-04021	Wedge		4	4
23	5802-04030	Adjustment Screw		8	8
24	5802-04022	Wedge		4	4
25	5802-04015	Plate Gripper Finger		4	4
26	5802-04083	Plate Gripper Finger		2	2
27	5802-04084	Plate Gripper Finger		2	2
28	5802-04013	Plate Gripper Finger		4	4
29	5802-04028	Spacer		16	16
30	5802-04027	Spacer		32	32
31	5802-04010	Plate		4	4
32	180-106	Lock Washer		48	48
33	117-368	Screw		16	16
34	5802-04026	Knob		8	8
35	5802-04008	Bracket		4	4
36	180-105	Lock Washer		32	32
37	117-530	Screw		16	16
38	5802-04047	Thumb Screw		12	12
39	5802-04169	Thumb Nut		12	12
40	5802-04080	Spacer		12	12
41	5802-04012	Plate		4	4
42	5802-04011	Plate		4	4
43	5802-04009	Plate		4	4
44	5802-04007	Bracket		4	4
45	5802-04040	Spring		8	8
46	5802-04014	Plate Gripper Finger		2	2
47	5802-04016	Plate Gripper Finger		2	2
48	5802-04006A	Anvil		2	2
49	5802-04005B	Head Clamp Bracket Assy (01, 03~05, 08~44)		2	2
50	5802-04006B	Tail Clamp Bracket Assy (05, 08~25, 28~44, 46~48)		2	2
51	122-065	Screw		8	8
52	5802-04038	Block		8	8
53	5802-04032	Scale		2	2
54	125-658	Screw		4	4
55	5802-04180	Spacing Block		2	2
56	117-515	Screw		4	4
57	CH03-06	Spring Pin		4	4
58	117-380	Screw		16	16
59	5802-04143	Retaining Plate		8	8
60	5802-04144	Spacer	A = 14.6mm		
61	5802-04145	Spacer	A = 14.8mm		
62	5802-04146	Spacer	A = 15.0mm		
63	5802-04147	Spacer	A = 15.2mm		
64	5802-04138A	Plate Cylinder Bushing Bracket	NOP-S (1-P)	1	1
65	5802-04140A	Plate Cylinder Bushing Bracket	NOP-S (2-P)	1	1
66	5802-04157	Needle Bearing		2	2
67	5802-04151	Thrust Washer		2	2
68	5802-04142	Plate Cylinder Gear		2	2
69	5802-04136	Plate Cylinder		2	2
70	5802-04036	Spacing Block (Scale)	Head	2	2

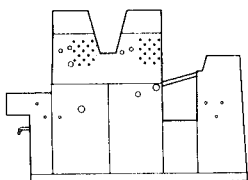


E2030

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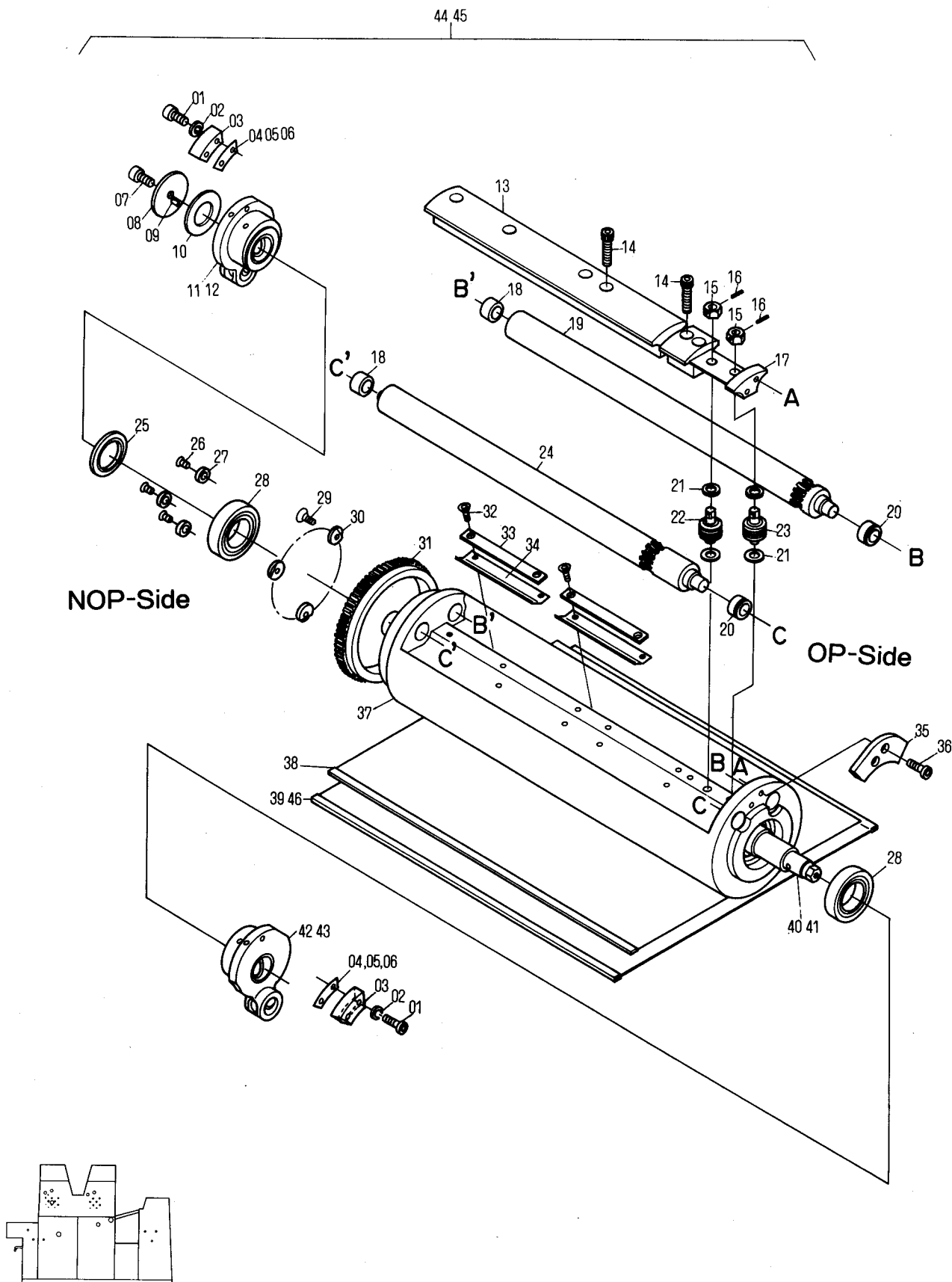


Option



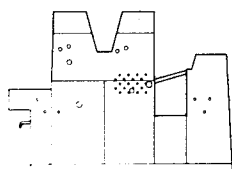
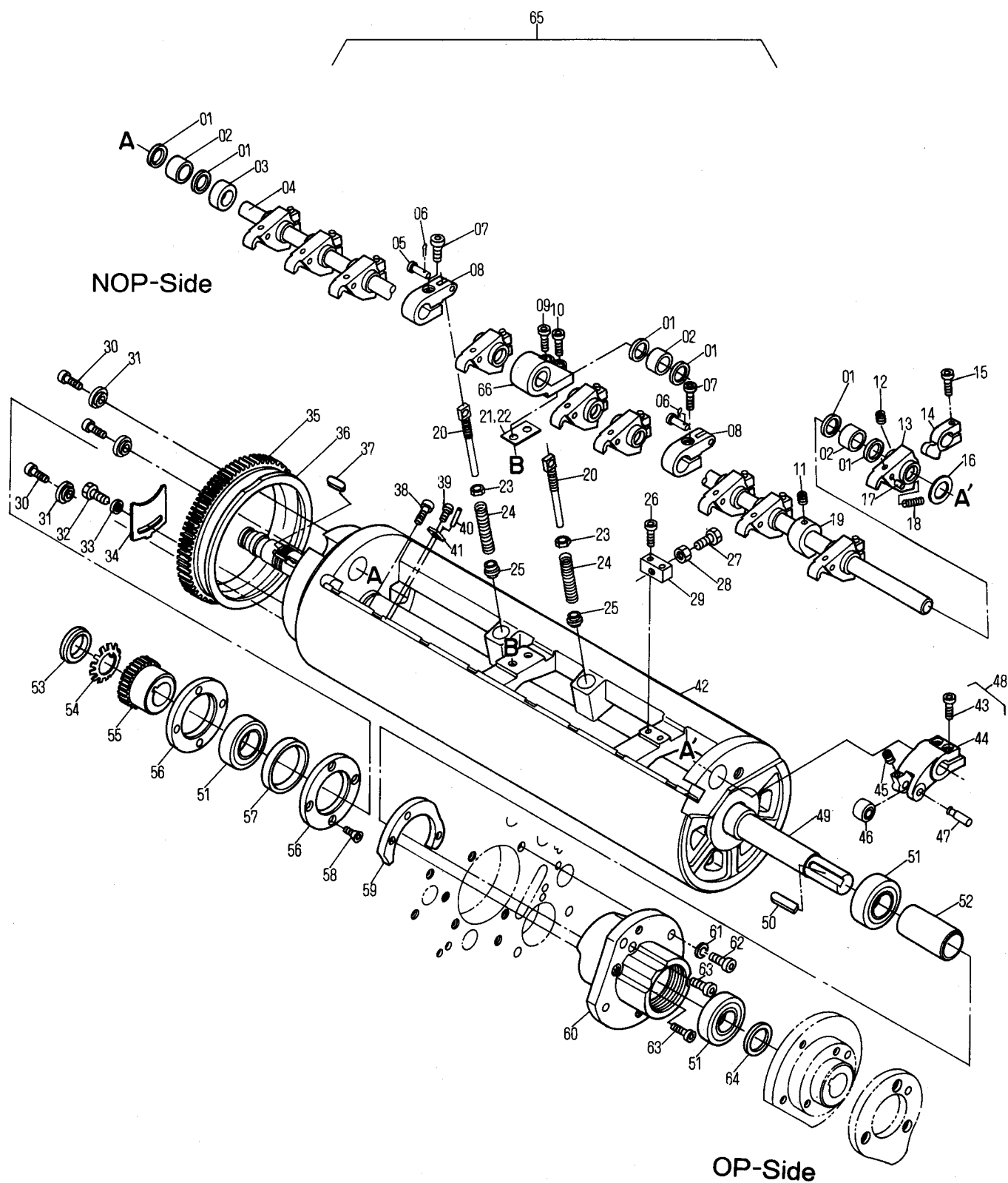
E2031

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E2032

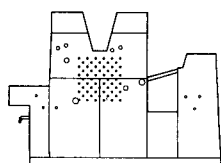
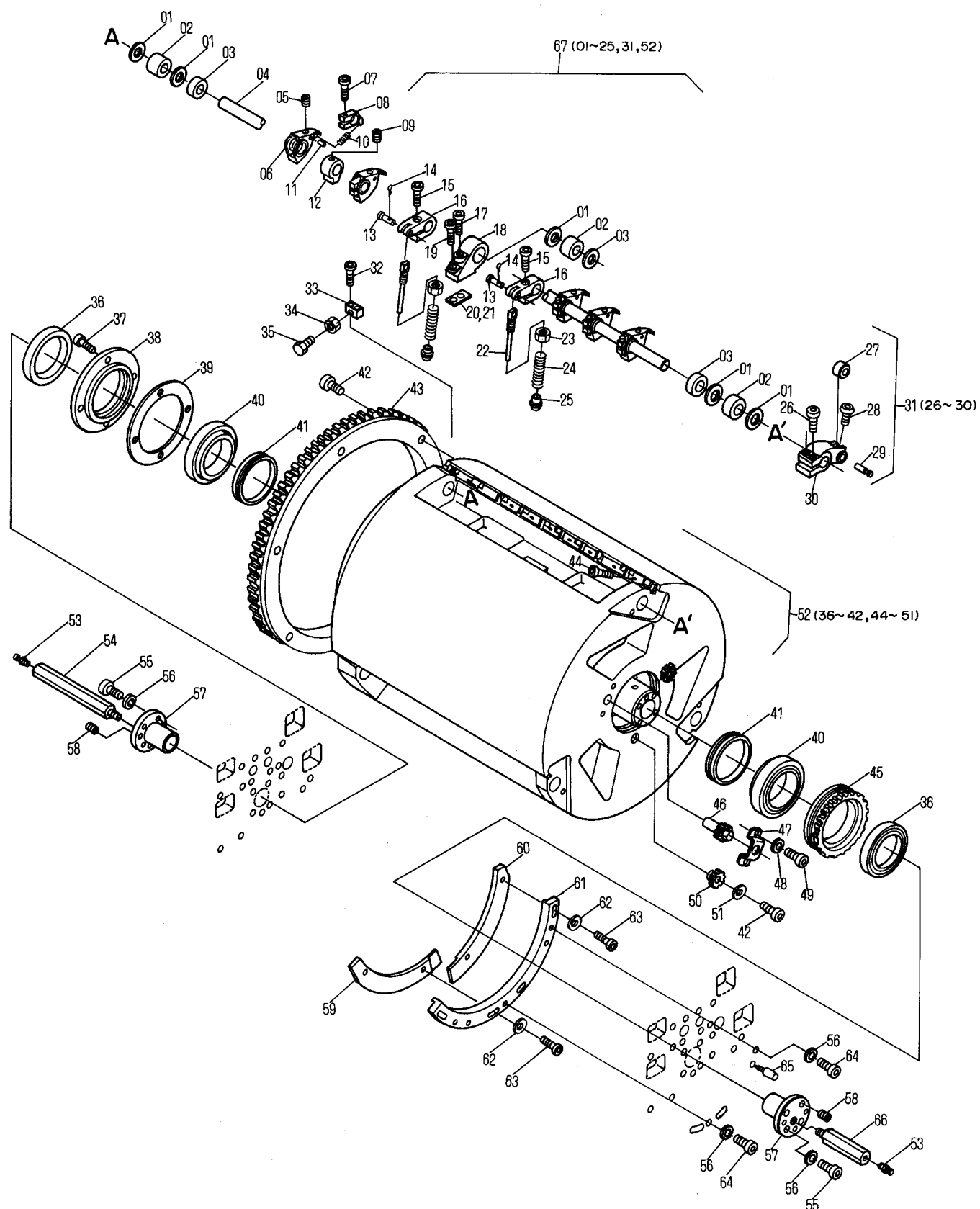
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Transfer Cylinder

E2033

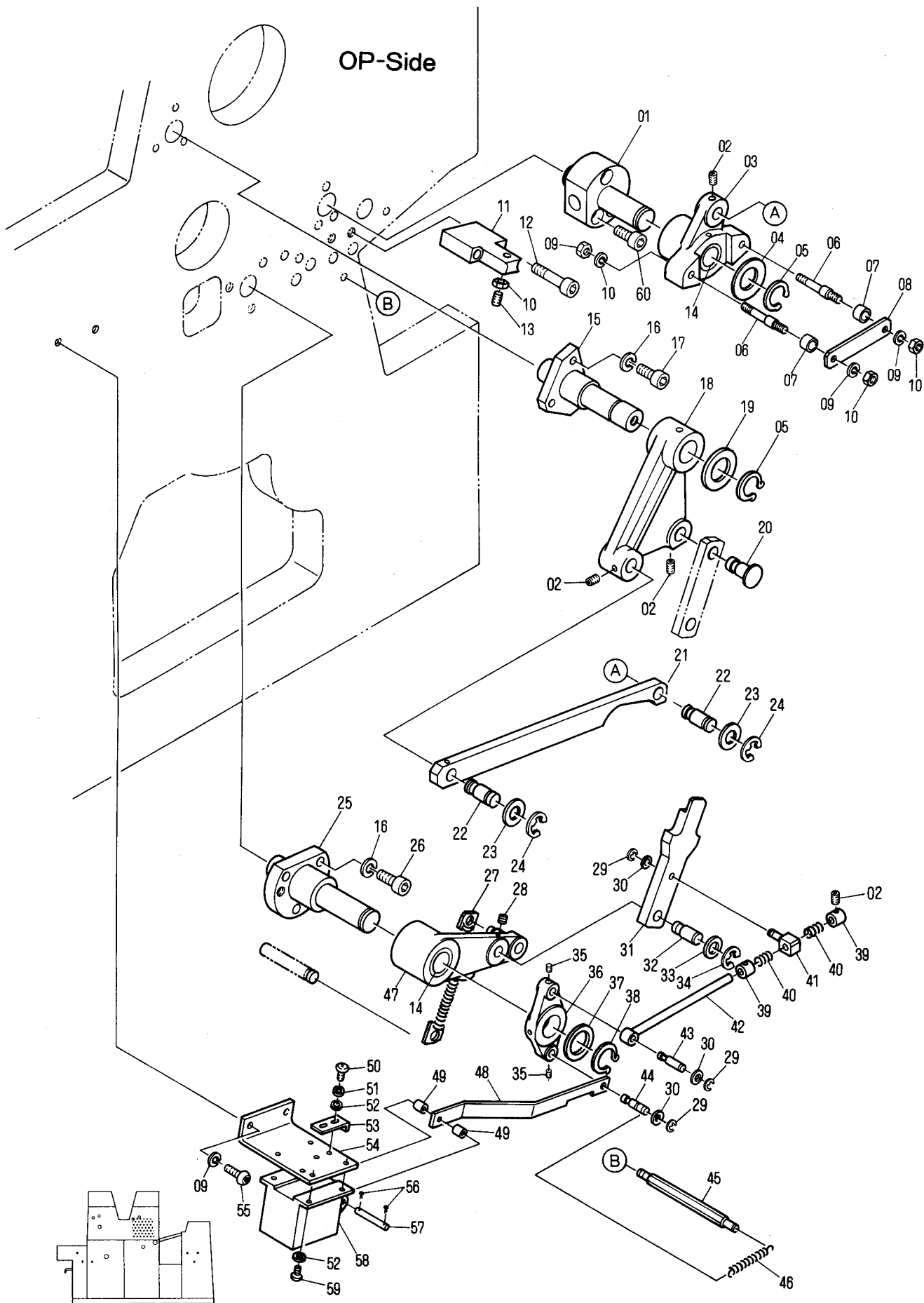
INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5802-20034	Oil Seal		6	6
02	5802-20033	Needle Bearing		3	3
03	5802-20024	Spacer		1	1
04	5802-20014	Gripper Shaft		1	1
05	5802-02015	Pin		2	2
06	183-743	Cotter Pin		2	2
07	117-375	Screw		2	2
08	5802-20020	Bracket		2	2
09	117-382	Screw		1	1
10	117-380	Screw		1	1
11	145-356	Set Screw		1	1
12	140-260	Set Screw		10	10
13	5802-02053	Gripper Finger		10	10
14	5802-20017	Gripper Finger Bracket		10	10
15	117-372	Screw		10	10
16	5802-12007	Thrust Washer		1	1
17	5802-20019	Pin		10	10
18	5802-20018	Spring		10	10
19	5802-20021	Lever		1	1
20	5802-02009	Shaft		2	2
21	5802-20027A	Shim	t = 0.1mm		
22	5802-20027B	Shim	t = 0.04mm		
23	170-108.3	Nut		2	2
24	5802-02068	Spring		2	2
25	5802-02008	Spacer		2	2
26	117-525	Screw		2	2
27	101-384	Screw		1	1
28	170-106	Nut		1	1
29	5802-20023	Block		1	1
30	117-468	Screw		3	3
31	5802-02007	Flanged Washer		3	3
32	101-362	Screw		1	1
33	184-106	Flat Washer		1	1
34	5802-02013	Adjustment Key		1	1
35	5802-12004	Cylinder Gear		1	1
36	M03-07-01-3	Cam Band		1	1
37	5802-12009	Key		1	1
38	117-412	Screw		11	11
39	125-658	Screw		10	10
40	183-179	Roll Pin		10	10
41	5802-02035	Paper Stopper		10	10
42	5802-12001A	Transfer Cylinder		1	1
43	117-370	Screw		2	2
44	5802-12006	Operating Arm for Gripper Shaft		1	1
45	145-508	Set Screw		1	1
46	258-568	Cam Follower (Brg. NA22/6LL)		1	1
47	5802-20026	Cam Follower Pin		1	1
48	5802-12006A	Operating Arm Assy (43 ~ 47)		1	1
49	5802-12003	Transfer Cylinder Shaft		1	1
50	5802-12017	Key		1	1
51	250-205.6	Bearing (Brg. 6205zz)		3	3
52	5802-12008	Spacer		1	1
53	174-705	Nut		1	1
54	180-705	Washer		1	1
55	5802-12013	Gear		1	1
56	5802-12012	Flange		2	2
57	5804-02080	Spacer		1	1
58	122-115	Screw		8	8
59	5802-12016	Cam		1	1
60	5802-12005A	Transfer Cylinder Bushing Bracket Including 51, 52		1	1
61	180-108	Lock Washer		4	4
62	117-475	Screw		4	4
63	117-385	Screw		2	2
64	5802-02064	Spacer		1	1
65	5802-12001B	Transfer Cylinder Assy (01 ~ 42, 48 ~ 50, 66)		1	1
66	5802-20022	Bracket		1	1



Impression Cylinder

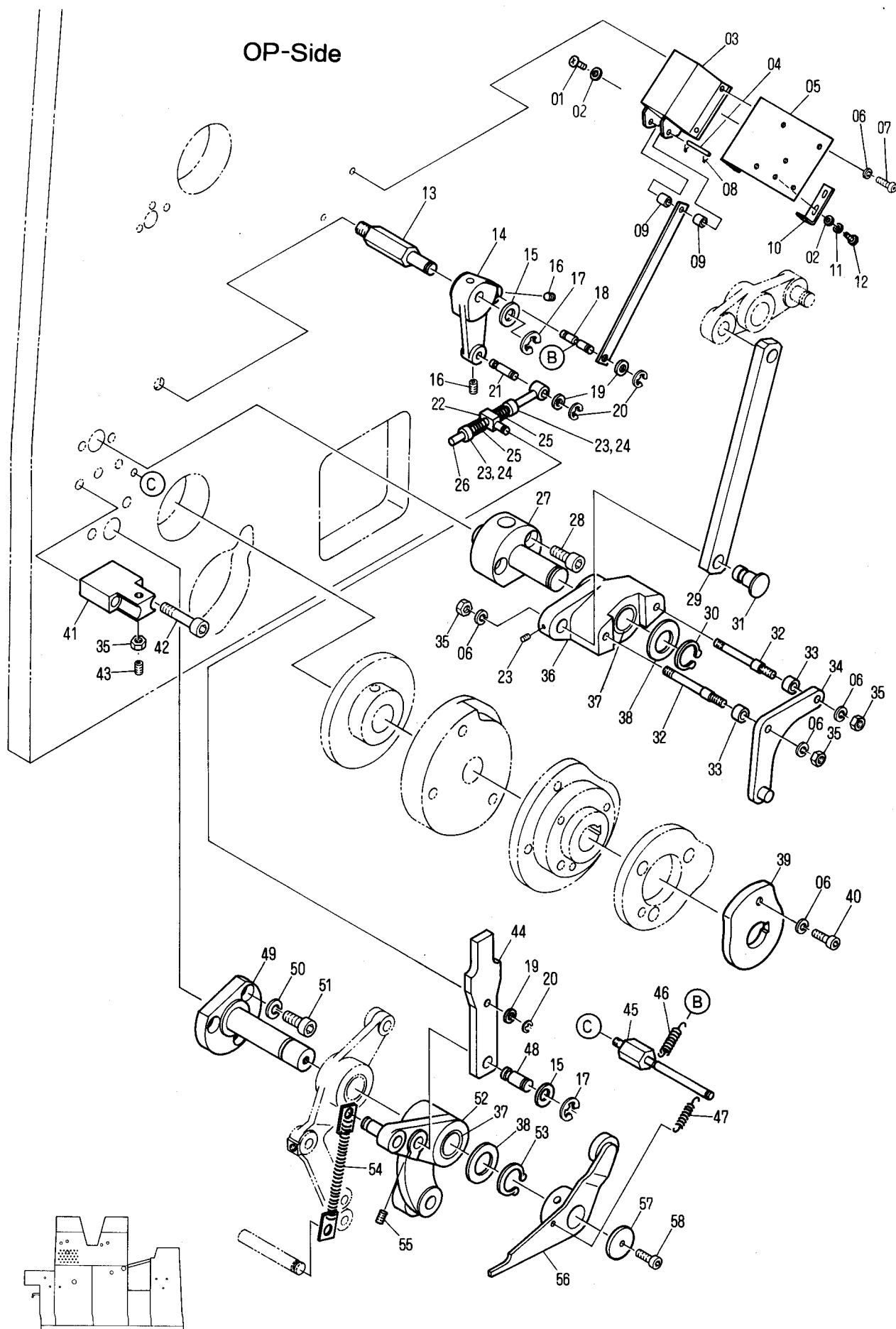
E2034

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5802-20034	Oil Seal		18	18
02	5802-20033	Needle Bearing		9	9
03	5802-20024	Spacer		6	6
04	5802-20014	Impression Gripper Shaft		3	3
05	140-260	Set Screw		24	24
06	5802-20016	Impression Gripper Finger		24	24
07	117-372	Screw		24	24
08	5802-20017	Impression Gripper Finger Bracket		24	24
09	145-356	Set Screw		1	1
10	5802-20018	Spring		24	24
11	5802-20019	Pin		24	24
12	5802-20021	Lever		3	3
13	5802-20015	Pin		6	6
14	183-743	Cotter Pin		6	6
15	117-375	Screw		2	2
16	5802-20020	Bracket		6	6
17	117-382	Screw		3	3
18	5802-20022	Bracket		3	3
19	117-380	Screw		3	3
20	5802-20027A	Shim	t = 0.1mm		
21	5802-20027B	Shim	t = 0.04mm		
22	5802-02009	Shaft		6	6
23	170-108.3	Nut		6	6
24	5802-02068	Spring		6	6
25	5802-02008	Spacer		6	6
26	117-370	Screw		6	6
27	258-568	Cam Follower (Brg. NA22/6LL)		3	3
28	145-508	Set Screw		3	3
29	5802-20026	Cam Follower Pin		3	3
30	5802-20025	Operating Arm for Gripper Shaft		3	3
31	5802-20025A	Operating Arm Assy (26 ~ 30)		3	3
32	117-525	Screw		6	6
33	5802-20023	Block		3	3
34	170-106	Nut		3	3
35	101-384	Screw		3	3
36	5802-20008	Oil Seal		2	2
37	117-470	Screw		4	4
38	5802-20004	Flange		1	1
39	5802-20005	Spacer		3	3
40	5802-20007	Bushing		2	2
41	5802-20009	V-Ring		2	2
42	117-480	Screw		8	8
43	5802-20002	Impression Cylinder Ring Gear		1	1
44	117-515	Screw		27	27
45	5802-20006	Lock Gear		1	1
46	5802-20010	Gear		1	1
47	5802-20012	Bracket		1	1
48	180-105	Lock Washer		2	2
49	117-510	Screw		2	2
50	5802-20011	Gear		2	2
51	184-110	Flat Washer		2	2
52	5802-20001A	Impression Cylinder (36 ~ 42, 44 ~ 51)		1	1
53	323-104	Nipple		2	2
54	5802-20032	Stud Pin	NOP-S	1	1
55	117-571	Screw		8	8
56	180-110	Lock Washer		11	11
57	5802-20013	Impression Cylinder Bushing Bracket		2	2
58	145-458	Set Screw		2	2
59	5802-20029	Cam		1	1
60	5802-20030	Cam		1	1
61	5802-20028	Cam Bracket		1	1
62	184-108	Flat Washer		4	4
63	117-475	Screw		4	4
64	117-572	Screw		2	2
65	182-632	Taper Pin		2	2
66	5802-20031	Stud Pin	OP-S	1	1
67	5802-20001B	Impression Cylinder Assy (01 ~ 25, 31, 52)		1	1



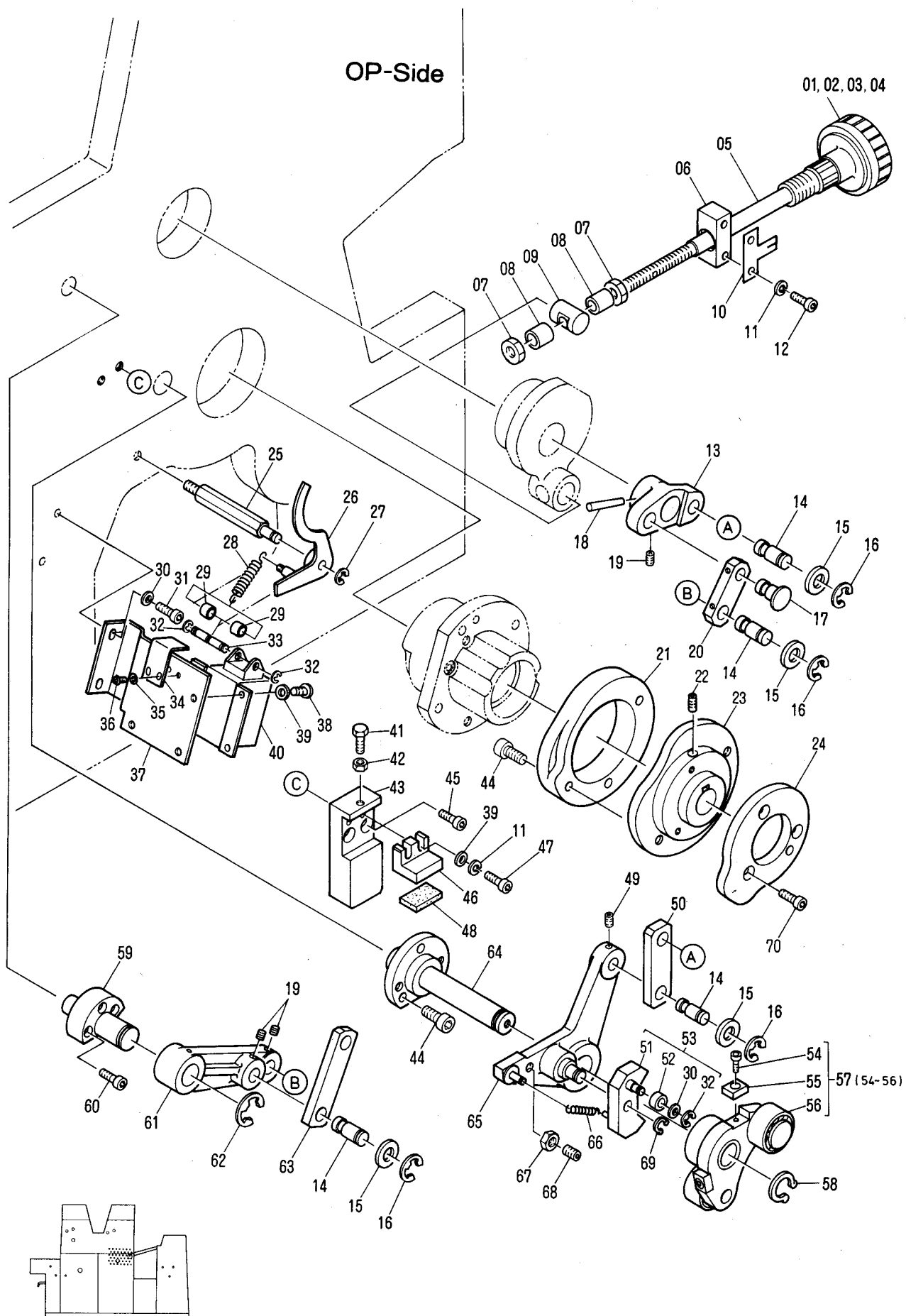
E2035

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E2036

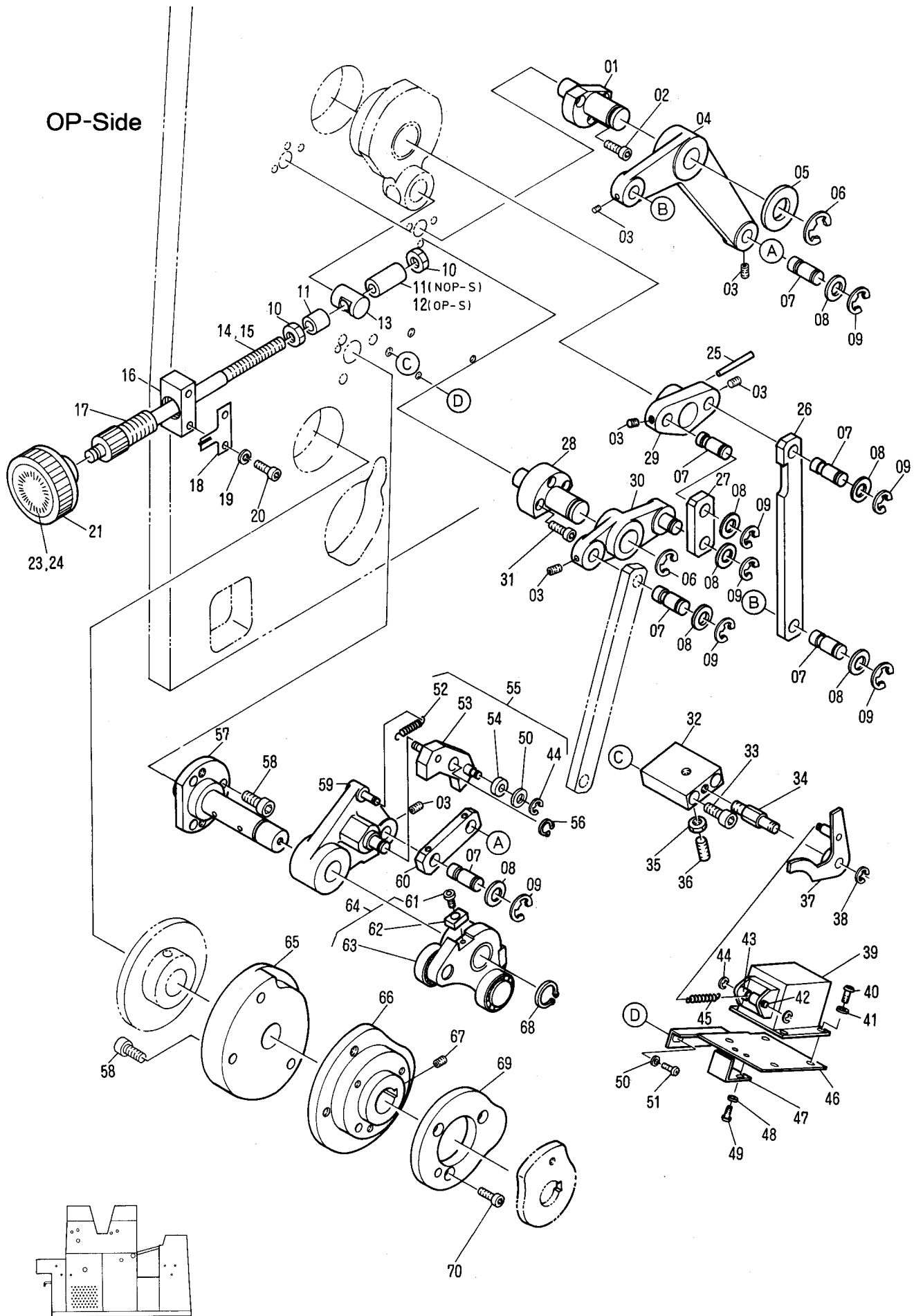
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**Main Press Section
B-I Pressure Mechanism (1-P)**

E2037

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5802-10063	Name Plate (Indicator)	Included in 03 Japanese	1	1
02	5802-10112	Name Plate (Indicator)	Included in 04 English	1	1
03	5803-05035B	Handle	Japanese	1	1
04	5803-05035C	Handle	English	1	1
05	5802-10080	Adjusting Shaft		2	2
06	5802-10060	Bracket		2	2
07	170-110	Nut		4	4
08	5802-10032	Spacer		4	4
09	5802-10033	Pin		2	2
10	5802-10061	Flat Spring		2	2
11	180-106	Lock Washer		6	6
12	117-381	Screw		4	4
13	5802-10087	Lever		1	1
14	5802-10075	Pin		4	4
15	184-112	Flat Washer		4	4
16	181-410	E-Ring		4	4
17	5802-10094	Pin		1	1
18	182-191	Taper Pin		1	1
19	145-506	Set Screw		4	4
20	5802-10076	Link		1	1
21	5802-10098	Cam		1	1
22	145-365	Set Screw		2	2
23	5802-10099	Cam		1	1
24	5802-10082	Cam		1	1
25	5802-10012	Stud		1	1
26	5802-10040A	Release Lever		1	1
27	181-406	E-Ring		1	1
28	U12-65-3	Spring		1	1
29	5802-10116	Spacer		2	2
30	184-105	Flat Washer		3	3
31	125-712	Screw		2	2
32	181-404	E-Ring		3	3
33	5802-10114	Pin		1	1
34	5103-08116	Stopper		1	1
35	184-103	Flat Washer		2	2
36	125-606	Screw		2	2
37	5802-10113	Solenoid Bracket		1	1
38	125-760	Screw		4	4
39	184-106	Flat Washer		6	6
40	E09-32-01-3	Solenoid (SA3501, 100V)		1	1
41	101-370	Screw		1	1
42	170-106	Nut		1	1
43	5802-10122	Block		1	1
44	117-470	Screw		6	6
45	117-468	Screw		2	2
46	5802-10110A	Block		1	1
47	117-372	Screw		2	2
48	5802-10108	Cushion	Included in 46	1	1
49	145-508	Set Screw		1	1
50	5802-10093	Link		1	1
51	5802-10043A	Drive Pawl		1	1
52	5802-10029	Bearing (Brg. FL625zz)		1	1
53	5802-10043B	Drive Pawl Assy	(30, 32, 51, 52)	1	1
54	117-412	Screw		2	2
55	5802-10004	Block		2	2
56	5802-10039A	Cam Follower Lever		1	1
57	5802-10039B	Cam Follower Lever Assy	(54 ~ 56)	1	1
58	181-019	C-Ring		1	1
59	5802-10070	Pivot Stud		1	1
60	117-375	Screw		3	3
61	5802-10088	Lever		1	1
62	181-415	E-Ring		1	1
63	5802-10096	Link		1	1
64	5802-10005	Pivot Stud		1	1
65	5802-10086B	Lever		1	1
66	5208-06092	Spring		1	1
67	118-60-3	Nut	Included in 65	1	1
68	118-59-1A-3	Snubber	Included in 65	1	1
69	181-009	C-Ring		1	1
70	117-360	Screw		3	3

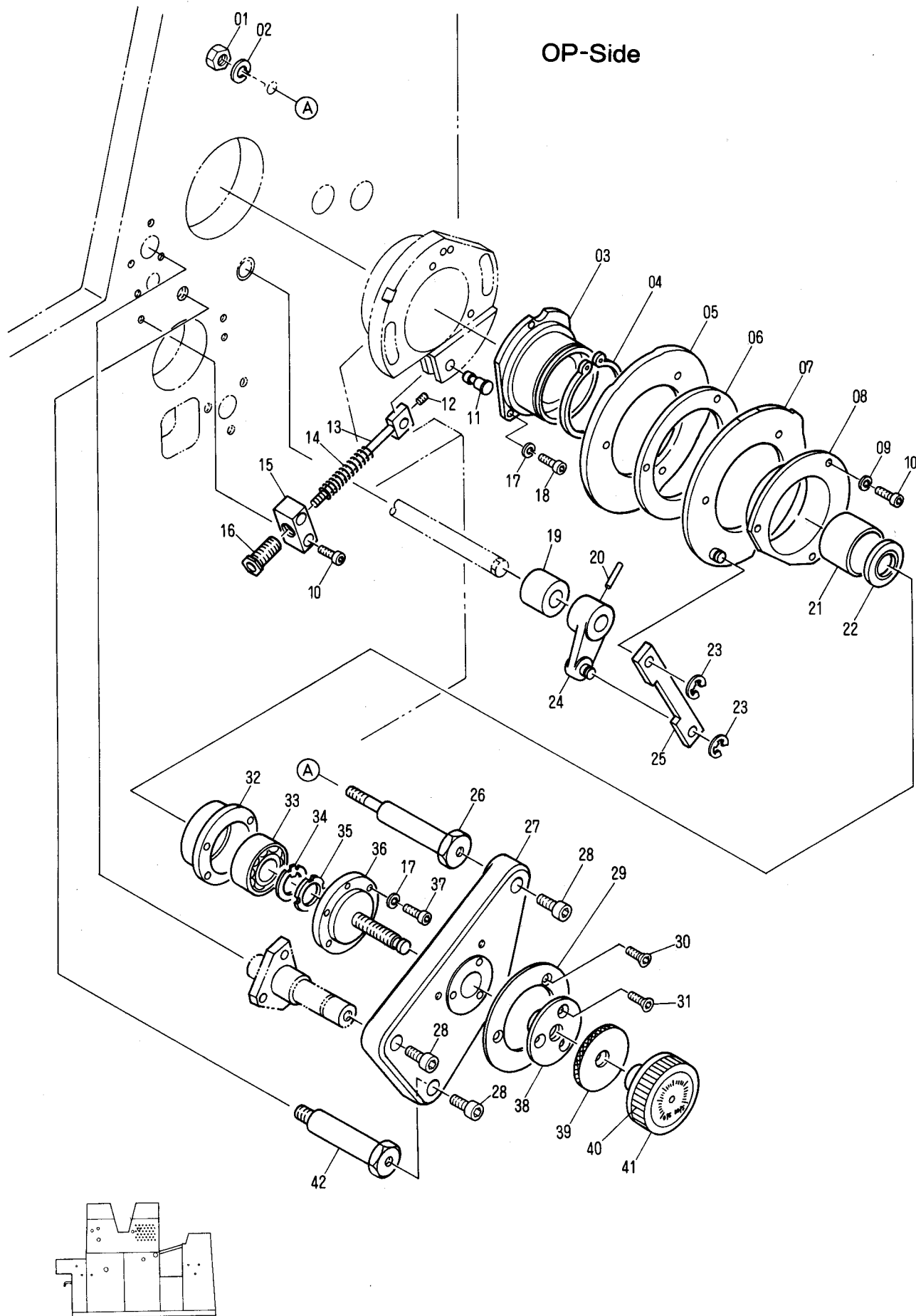


**Main Press Section
B-I Pressure Mechanism (2-P)**

E2038

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5802-10071	Pivot Stud		1	1
02	117-380	Screw		3	3
03	145-506	Set Screw		6	6
04	5802-10048	Lever		1	1
05	184-120	Flat Washer		1	1
06	181-415	E-Ring		2	2
07	5802-10075	Pin		6	6
08	184-112	Flat Washer		7	7
09	181-410	E-Ring		7	7
10	170-110	Nut		2	2
11	5802-10032	Spacer		3	3
12	5802-10064	Spacer		1	1
13	5802-10033	Pin		2	2
14	5802-10079	Adjusting Shaft	OP-S	1	1
15	5802-10080	Adjusting Shaft	NOP-S	1	1
16	5802-10060	Bracket		2	2
17	5802-10059	Snubber		2	2
18	5802-10061	Flat Spring		2	2
19	180-106	Lock Washer		4	4
20	117-381	Screw		4	4
21	5803-05035	Handle		2	2
22					
23	5802-10123	Name Plate (Indicator)	Japanese	2	2
24	5802-10124	Name Plate (Indicator)	English	2	2
25	182-191	Taper Pin		1	1
26	5802-10050	Link		1	1
27	5802-10076	Link		1	1
28	5802-10070	Pivot Stud		1	1
29	5802-10054	Lever		1	1
30	5802-10055A	Lever		1	1
31	117-375	Screw		3	3
32	5802-10052	Bracket		1	1
33	117-485	Screw		2	2
34	5802-10053	Stud		1	1
35	170-106	Nut		1	1
36	145-380	Set Screw		1	1
37	5802-10049A	Release Lever		1	1
38	181-406	E-Ring		1	1
39	E09-32-01-3	Solenoid (SA3501/100V)		1	1
40	125-760	Screw		6	6
41	184-106	Flat Washer		4	4
42	5802-10114	Pin		1	1
43	5802-10116	Spacer		2	2
44	181-404	E-Ring		3	3
45	U12-65-3	Spring		1	1
46	5802-10113	Solenoid Bracket		1	1
47	5103-08116	Stopper		1	1
48	184-103	Flat Washer		2	2
49	125-606	Screw		2	2
50	184-105	Flat Washer		3	3
51	125-712	Screw		2	2
52	128-31-3	Spring		1	1
53	5802-10043C	Drive Pawl		1	1
54	5802-10029	Bearing (Brg. FL625zz)		1	1
55	5802-10043B	Drive Pawl Assy (44, 50, 53, 54)		1	1
56	181-009	C-Ring		1	1
57	5802-10005	Pivot Stud		1	1
58	117-470	Screw		6	6
59	5802-10089A	Lever		1	1
60	5802-10051	Link		1	1
61	117-412	Screw		2	2
62	5802-10004	Block		2	2
63	5802-10039A	Cam Follower Lever		1	1
64	5802-10039B	Cam Follower Lever Assy (61 ~ 63)		1	1
65	5802-10097	Cam		1	1
66	5802-10099	Cam		1	1
67	145-365	Set Screw		2	2
68	181-011	C-Ring		1	1
69	5802-10082	Cam		1	1
70	117-360	Screw		3	3

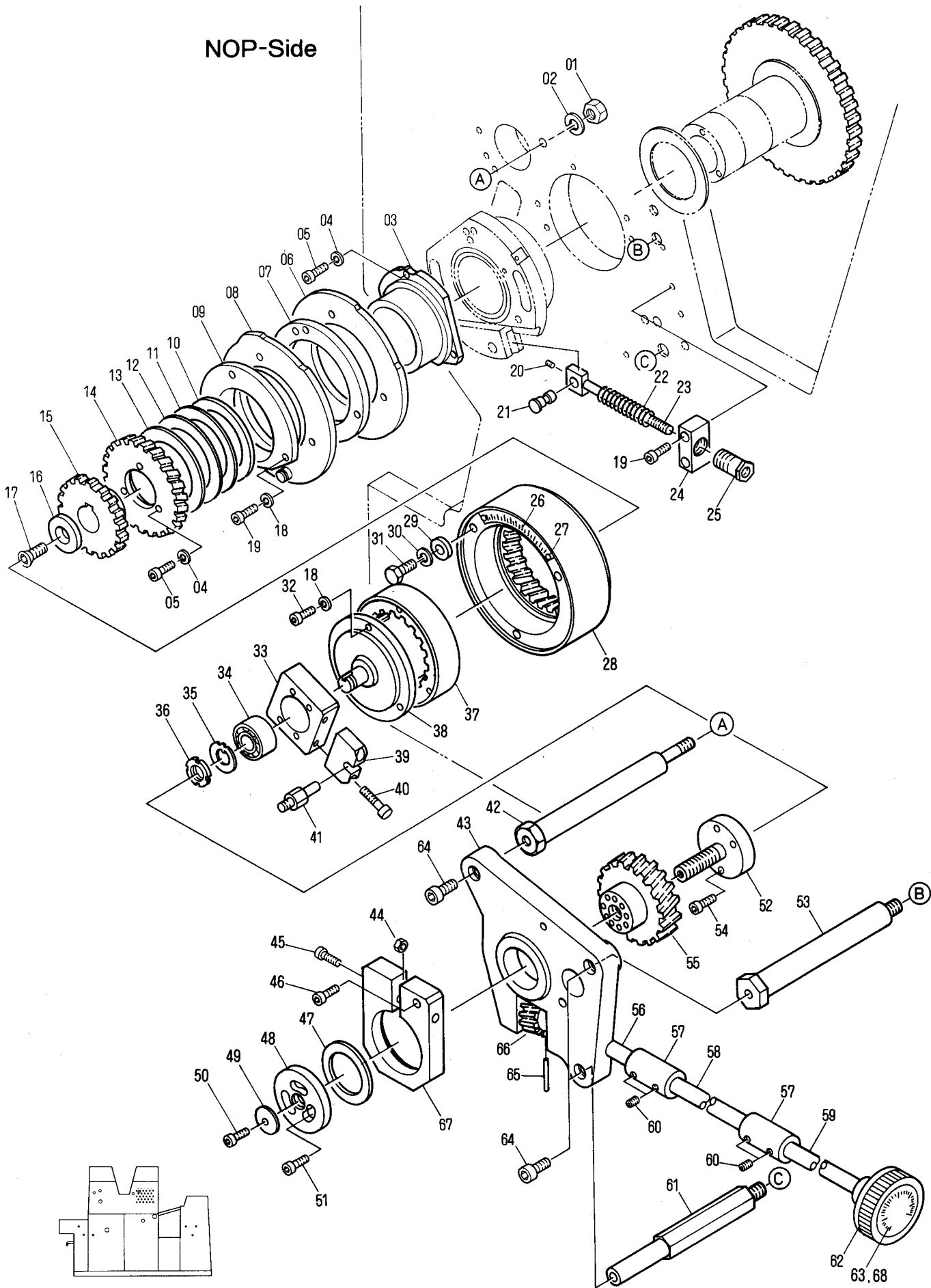
OP-Side



E2039

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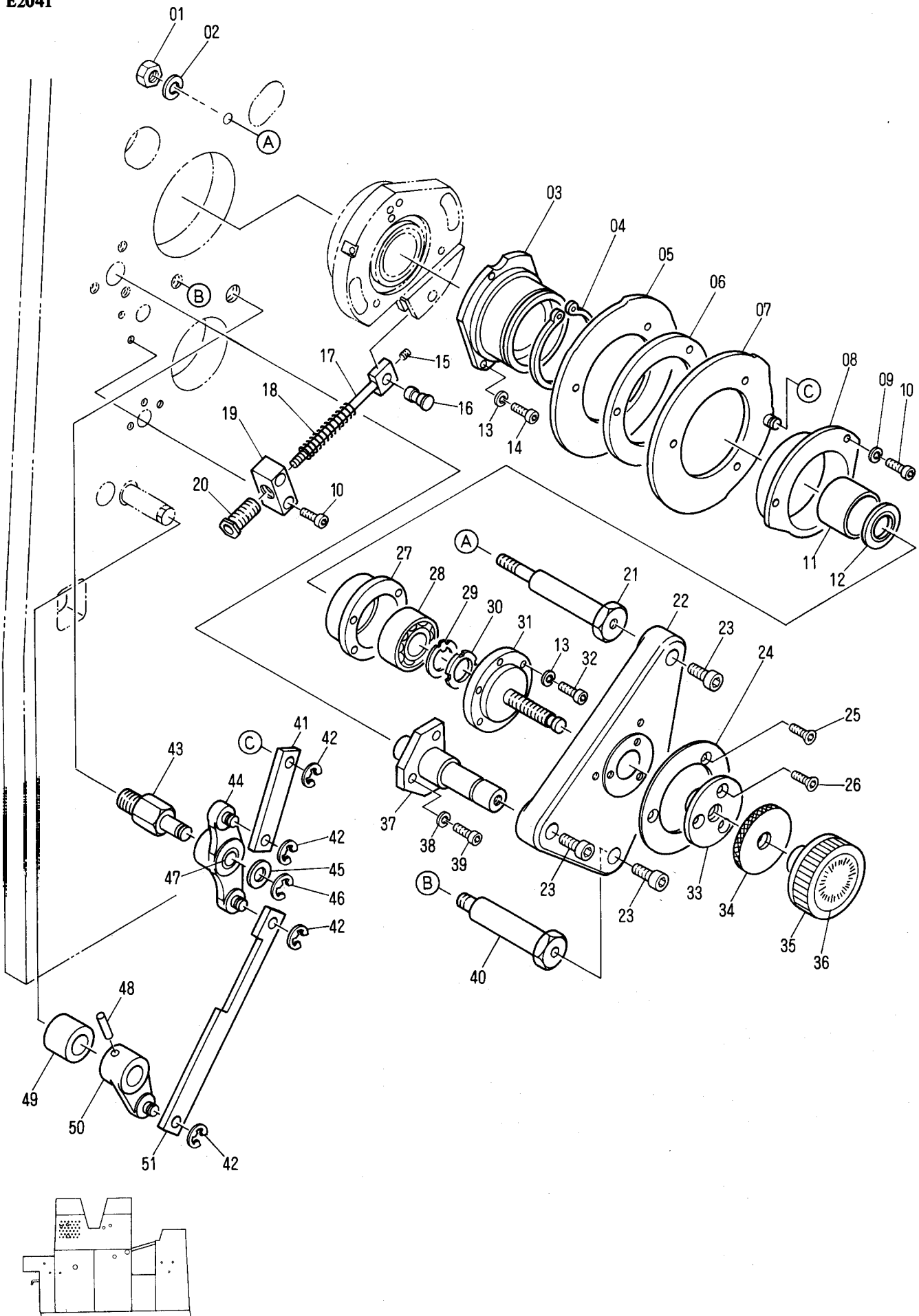
NOP-Side



**Vertical Register Mechanism
(NOP-Side/1-P)**

E2040

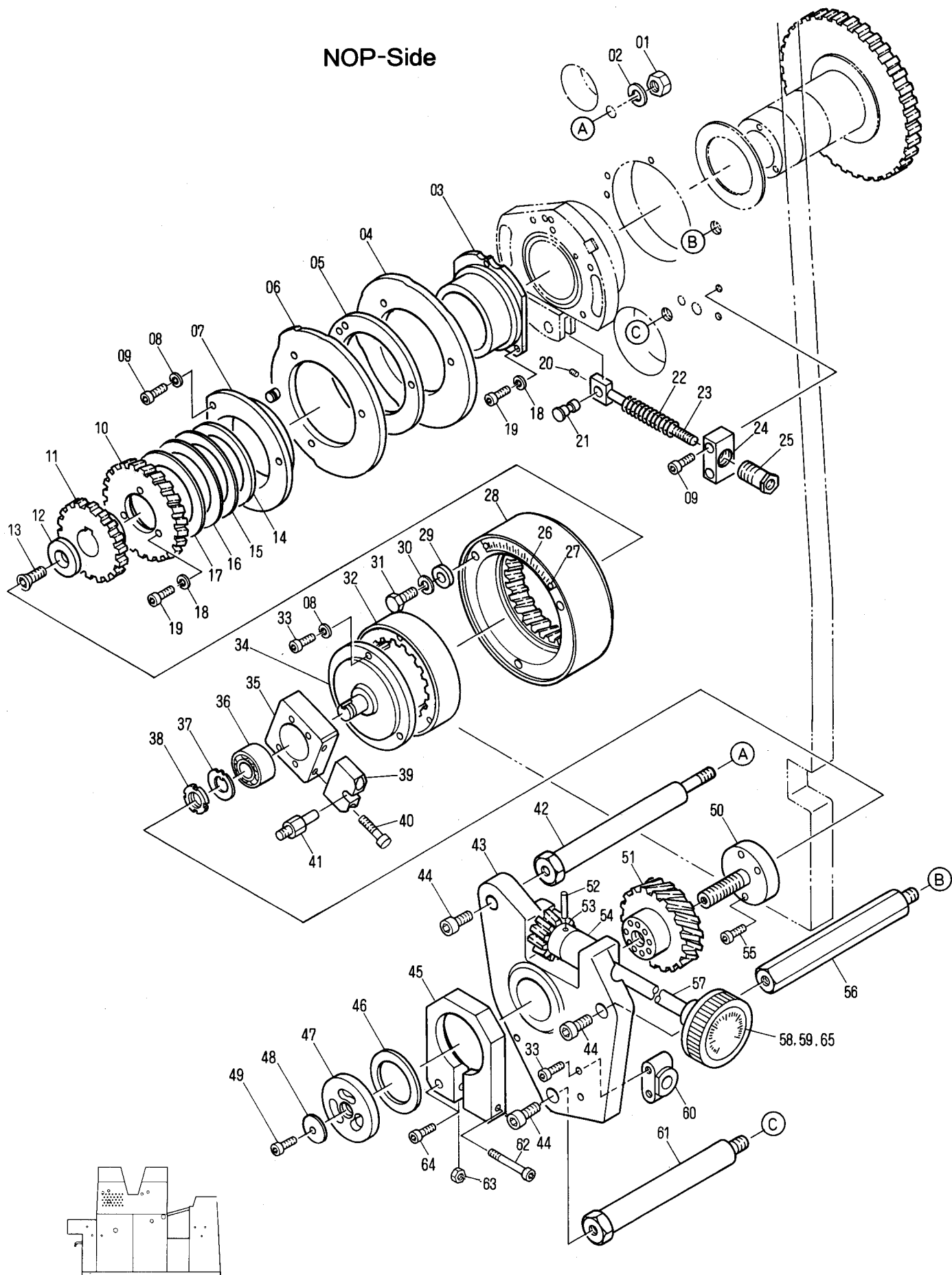
INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	170-110	Nut		1	1
02	180-110	Lock Washer		1	1
03	5802-04113	Flange		1	1
04	180-105	Lock Washer		6	6
05	117-515	Screw		6	6
06	5802-04127	Cam		1	1
07	5802-04133	Plate		1	1
08	5802-04126A	Cam		1	1
09	5802-04132	Flange		1	1
10	5802-04152	Plate (WS81111)		1	1
11	5802-04153	Needle Bearing (Brg. AXK1111)		1	1
12	5802-04151	Plate (Brg. AS1111)		1	1
13	5802-04097	Spacer		1	1
14	5802-04098	Gear		1	1
15	5802-04110	Gear		1	1
16	5802-04109	Spacer		1	1
17	122-768	Screw		1	1
18	180-106	Lock Washer		6	6
19	117-375	Screw		5	5
20	145-405	Set Screw		1	1
21	5802-04062	Pin		1	1
22	5802-04039	Spring		1	1
23	5802-04064	Adjusting Shaft		1	1
24	5802-04061	Bracket		1	1
25	5802-04066	Adjusting Nut		1	1
26	5802-04134	Scale		1	1
27	H11-50-3	Rivet		2	2
28	5802-04099	Gear		1	1
29	5802-04108	Spacer		3	3
30	180-108	Lock Washer		3	3
31	101-470	Screw		3	3
32	117-365	Screw		3	3
33	5802-04093	Bearing Case		1	1
34	250-502	Bearing (Brg. 3202)		1	1
35	180-702	Lock Washer		1	1
36	174-702	Lock Nut		1	1
37	5802-04091	Gear		1	1
38	5802-04092	Gear Hub		1	1
39	5802-04094	Block		1	1
40	117-525	Screw		2	2
41	5802-04096	Stud Pin		1	1
42	5802-04176	Stud		1	1
43	5802-04088	Vertical Register Bracket		1	1
44	I31-11-3	Nut		1	1
45	5802-04193	Screw		1	1
46	117-380	Screw		1	1
47	5802-04101	Spacer		1	1
48	5802-04102	Spacer		1	1
49	5802-04106	Spacer		1	1
50	117-510	Screw		1	1
51	117-512	Screw		3	3
52	5802-04178	Vertical Register Adjusting Shaft		1	1
53	5802-04177	Stud		1	1
54	117-518	Screw		4	4
55	5802-04160	Gear		1	1
56	5802-04164	Adjusting Shaft		1	1
57	5802-04163	Coupling		2	2
58	5802-04165	Adjusting Shaft		1	1
59	5802-04166	Adjusting Shaft		1	1
60	145-356	Set Screw		8	8
61	5802-04119	Stud		1	1
62	5802-04190	Handle		1	1
63	5802-04170	Name Plate (Indicator)	Japanese	1	1
64	117-480	Screw		3	3
65	183-189	Roll Pin		1	1
66	5802-04161	Gear		1	1
67	5802-04173	Brake		1	1
68	5802-04181	Name Plate (Indicator)	English	1	1
69					
70					



E2041

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NOP-Side

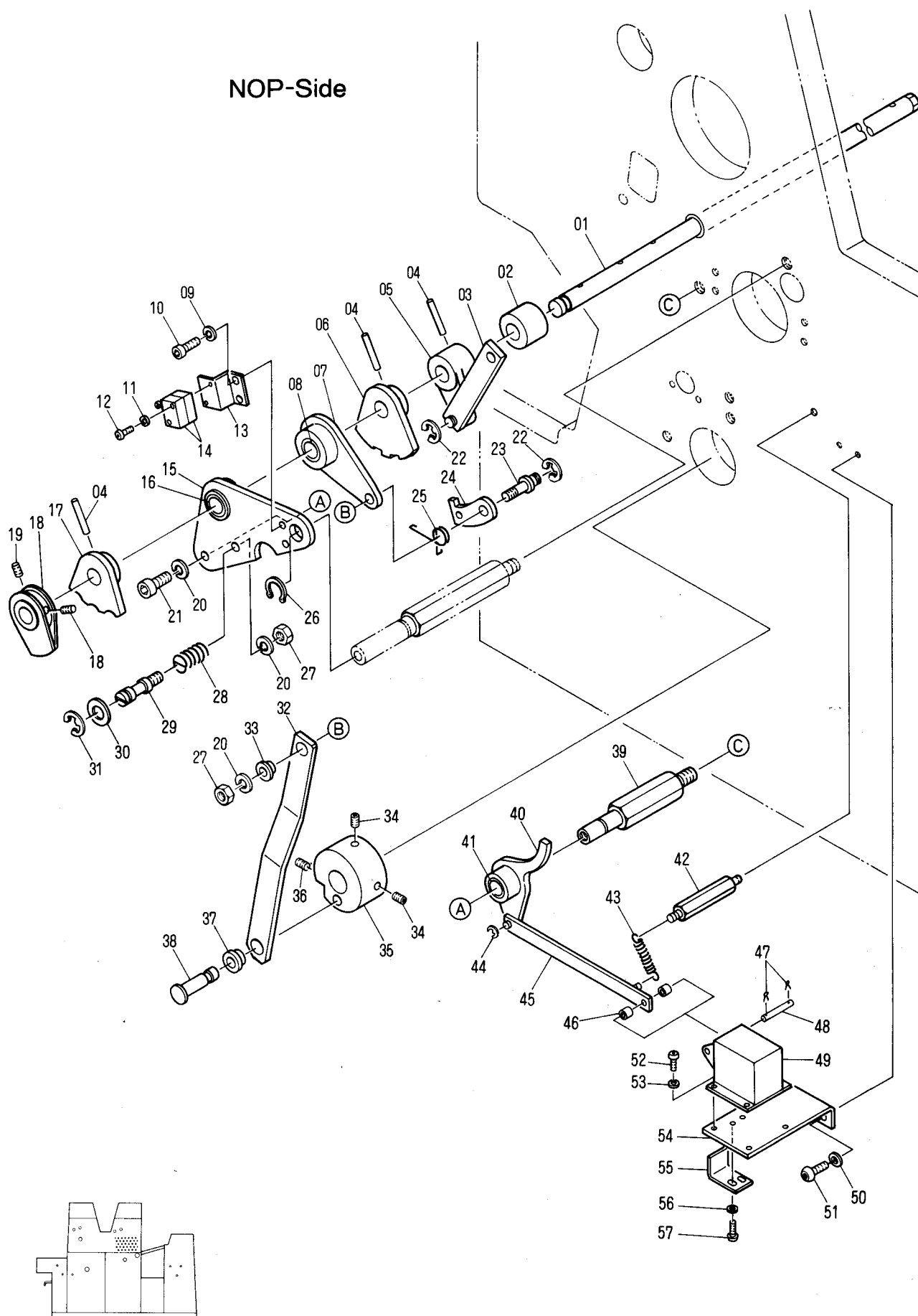


Vertical Register Mechanism
(NOP-Side/2-P)

E2042

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	170-110	Nut		1	1
02	180-110	Lock Washer		1	1
03	5802-04113	Flange		1	1
04	5802-04131	Cam		1	1
05	5802-04133	Plate		1	1
06	5802-04130A	Cam		1	1
07	5802-04132	Flange		1	1
08	180-106	Lock Washer		6	6
09	117-375	Screw		5	5
10	5802-04098	Gear		1	1
11	5802-04110	Gear		1	1
12	5802-04106	Spacer		1	1
13	122-768	Screw		1	1
14	5802-04152	Plate (WS81111)		1	1
15	5802-04153	Needle Bearing (Brg. AXK1111)		1	1
16	5802-04151	Plate (Brg. AS1111)		1	1
17	5802-04097	Spacer		1	1
18	180-105	Lock Washer		6	6
19	117-515	Screw		6	6
20	145-405	Set Screw		1	1
21	5802-04062	Pin		1	1
22	5802-04063	Spring		1	1
23	5802-04065	Adjusting Shaft		1	1
24	5802-04061	Bracket		1	1
25	5802-04066	Adjusting Nut		1	1
26	5802-04134	Scale		1	1
27	H11-50-3	Rivet		2	2
28	5802-04099	Gear		1	1
29	5802-04108	Spacer		3	3
30	180-108	Lock Washer		3	3
31	101-470	Screw		3	3
32	5802-04091	Gear		1	1
33	117-365	Screw		5	5
34	5802-04092	Gear Hub		1	1
35	5802-04093	Bearing Case		1	1
36	250-502	Bearing (Brg. 3202)		1	1
37	180-702	Lock Washer		1	1
38	174-702	Lock Nut		1	1
39	5802-04094	Block		1	1
40	117-525	Screw		2	2
41	5802-04096	Stud Pin		1	1
42	5802-04176	Stud		1	1
43	5802-04090	Vertical Register Bracket		1	1
44	117-472	Screw		3	3
45	5802-04173	Brake		1	1
46	5802-04101	Spacer		1	1
47	5802-04102	Spacer		1	1
48	5802-04106	Spacer		1	1
49	117-510	Screw		1	1
50	5802-04178	Vertical Register Adjustment Shaft		1	1
51	5802-04100	Gear		1	1
52	183-189	Roll Pin		1	1
53	5802-04103	Gear		1	1
54	5802-04167	Spacer		1	1
55	117-518	Screw		4	4
56	5802-04118	Stud		1	1
57	5802-04162	Adjusting Shaft		1	1
58	5802-04190	Handle		1	1
59	5802-04170	Name Plate (Indicator)	Japanese	1	1
60	5802-04116	Support Bracket		1	1
61	5802-04177	Stud		1	1
62	5802-04193	Screw		1	1
63	I31-11-3	Nut		1	1
64	117-380	Screw		1	1
65	5802-04181	Name Plate (Indicator)	English	1	1

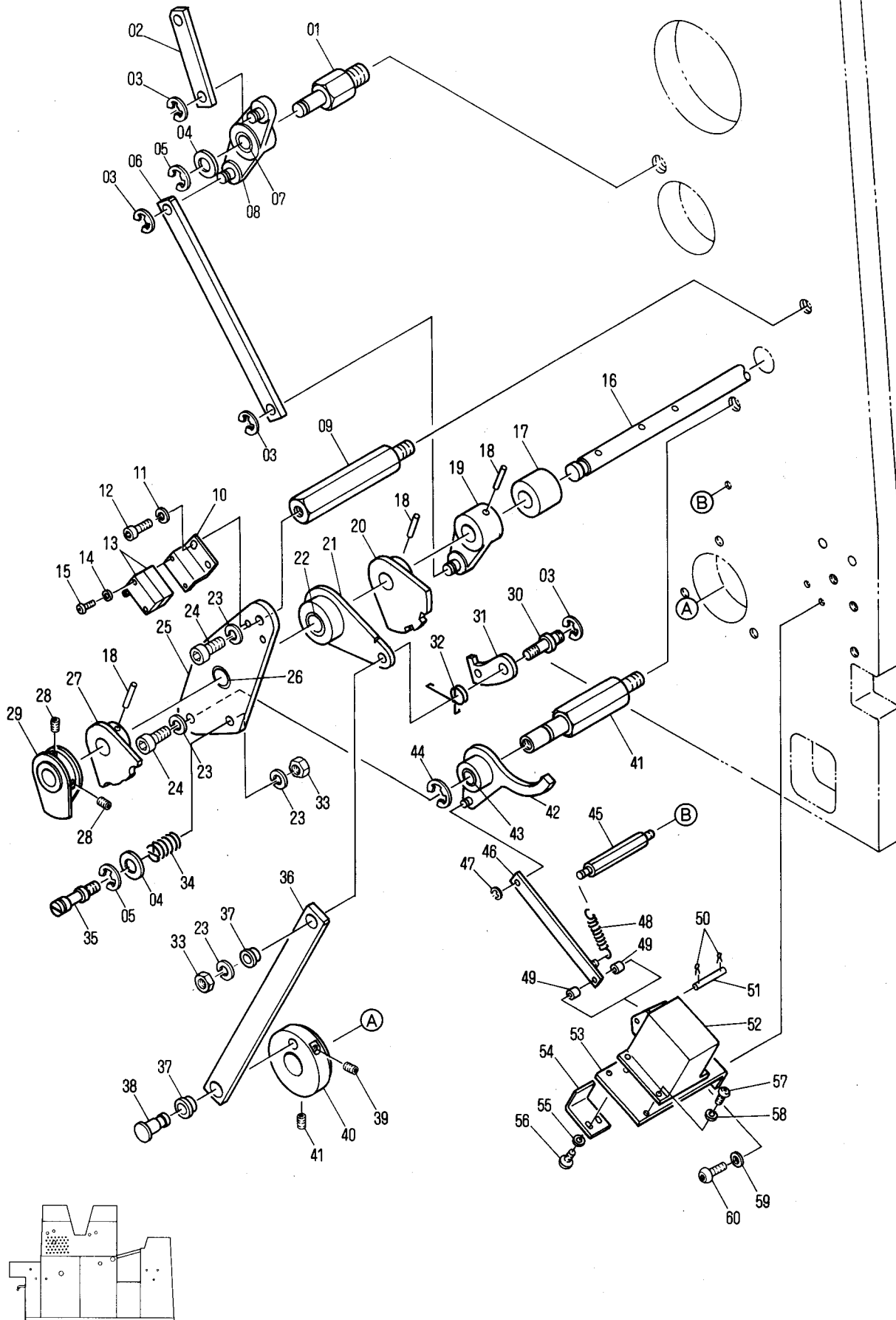
NOP-Side



E2043

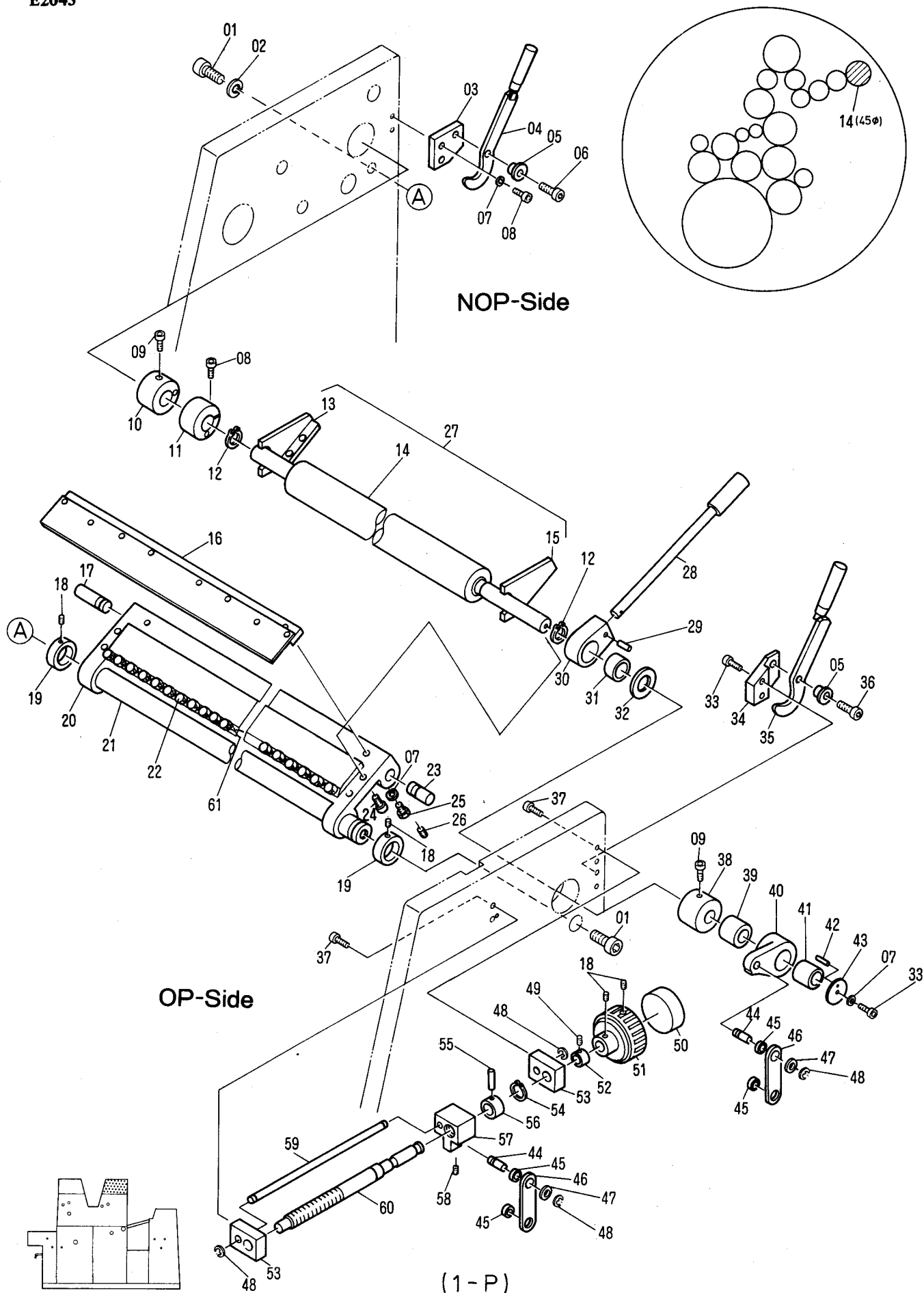
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NOP-Side



E2044

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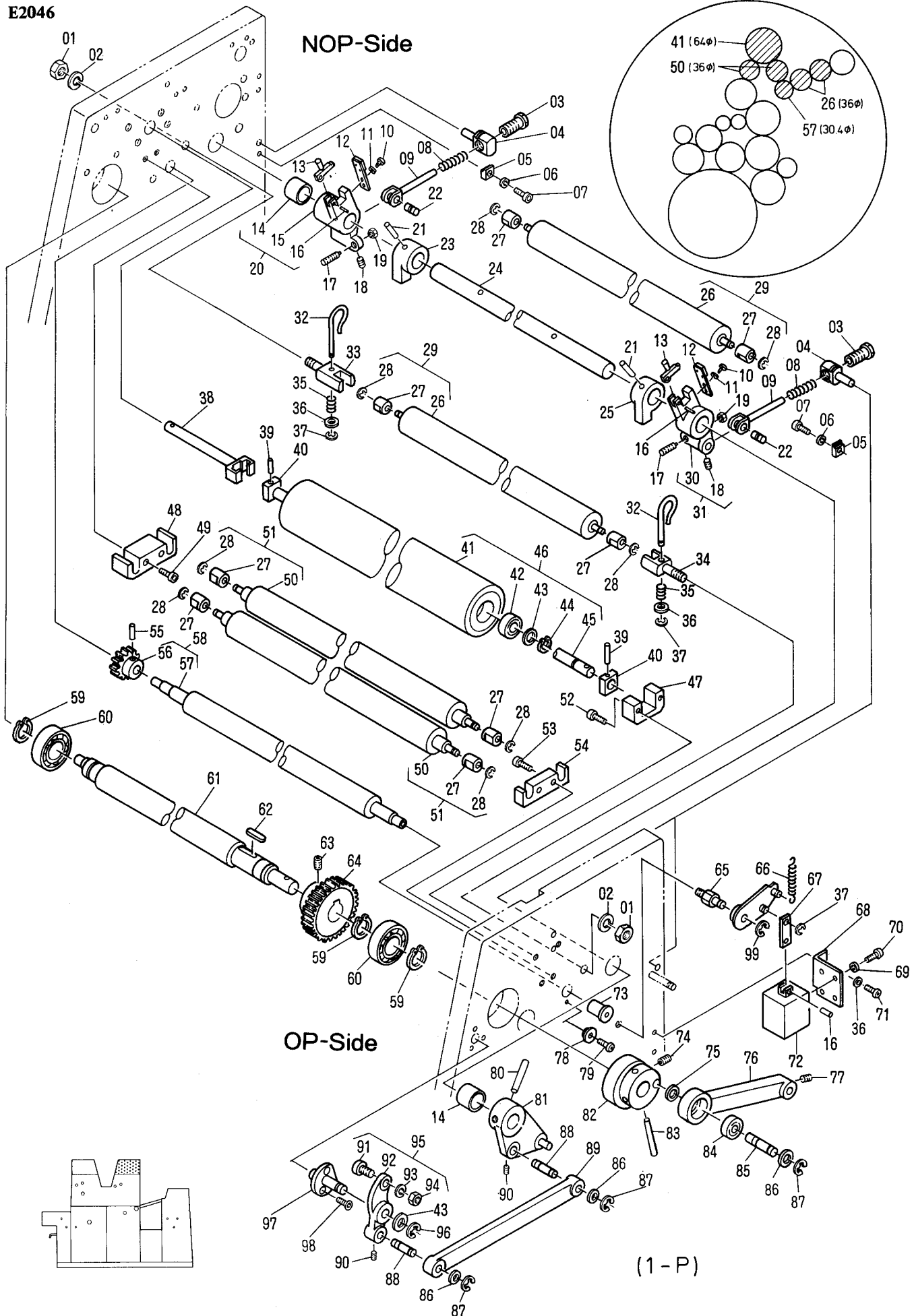
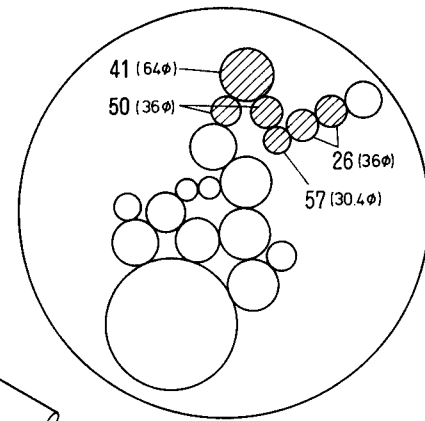


E2045

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E2046

NOP-Side

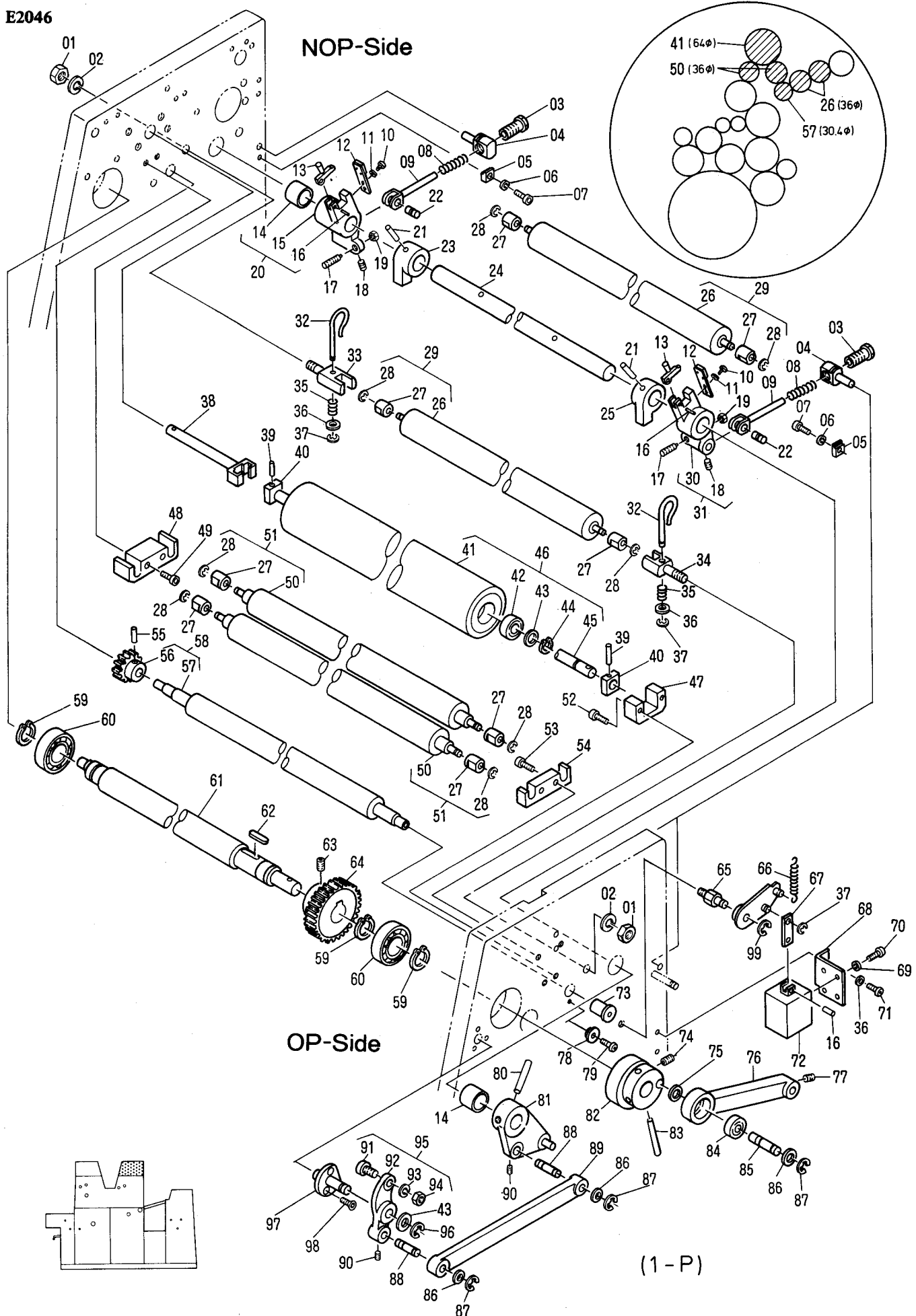


Inking Section
Cam Shaft and Ink Roller (1-P)

E2046

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	170-110	Nut		2	2
02	180-110	Lock Washer		2	2
03	5803-06010	Adjusting Nut		2	2
04	5803-06009	Pin		2	2
05	5803-06026	Retaining Block		2	2
06	180-105	Lock Washer		2	2
07	117-512	Screw		2	2
08	5803-06027	Spring		2	2
09	5803-06028	Shaft		2	2
10	125-656	Screw		4	4
11	184-104	Flat Washer		4	4
12	5803-06013A	Flat Spring		2	2
13	5803-06014A	Lever		2	2
14	105-07-3	Bushing		2	2
15	5803-06029	Ductor Roller Bracket	NOP-S	1	1
16	183-181	Roll Pin		3	3
17	140-370	Set Screw		2	2
18	145-506	Set Screw		2	2
19	170-106	Nut		2	2
20	5803-06029A	Ductor Roller Bracket Assy (10 ~ 13, 15 ~ 19)	NOP-S	1	1
21	182-190	Taper Pin		2	2
22	5803-06012	Pin		2	2
23	5803-06006	Lever	NOP-S	1	1
24	5803-06002	Ductor Frame Shaft		1	1
25	5803-06005	Lever	OP-S	1	1
26	5803-06001	Roller (36φ)		2	2
27	ND-24	Bushing		8	8
28	181-405	E-Ring		8	8
29	5803-06001A	Roller Assy (26 ~ 28)		2	2
30	5803-06030	Ductor Roller Bracket	OP-S	1	1
31	5803-06030A	Ductor Roller Bracket Assy (10 ~ 13, 16 ~ 19, 30)	OP-S	1	1
32	5803-04122	Roller Holder		2	2
33	5803-04121	Bracket	NOP-S	1	1
34	5803-04120	Bracket	OP-S	1	1
35	106-23-3	Spring		2	2
36	184-105	Flat Washer		4	4
37	181-404	E-Ring		3	3
38	5803-04018	Oscillating Drive Shaft		1	1
39	183-206	Roll Pin		2	2
40	5803-04019	Guide Bracket		2	2
41	5803-04015A	Oscillating Roller (64φ)		1	1
42	250-201.6	Bearing (Brg. 6201zz)	Included in 41	2	2
43	184-112	Flat Washer		3	3
44	181-012	C-Ring		2	2
45	5803-04017	Oscillating Roller Shaft		1	1
46	5803-04015B	Oscillating Roller Assy (39 ~ 45)		1	1
47	5803-04020	Bracket		1	1
48	5803-04072	Bracket		1	1
49	117-380	Screw		2	2
50	5803-04016	Idle Roller (36φ)		2	2
51	5803-04016A	Idle Roller Assy (27, 28, 50)		2	2
52	117-525	Screw		2	2
53	117-370	Screw		2	2
54	5803-04119	Bracket		1	1
55	183-185	Roll Pin		1	1
56	123-02-3	Gear		1	1
57	5803-04003	Distributor Roller (30.4φ)		1	1
58	5803-04003A	Distributor Roller Assy (55 ~ 57)		1	1
59	181-025	C-Ring		3	3
60	250-205.6	Bearing (Brg. 6205zz)		2	2
61	5803-05073	Cam Shaft		1	1
62	188-074	Key		1	1
63	145-358	Set Screw		2	2
64	5803-05074	Gear		1	1
65	5803-05049	Stud		1	1
66	EM04-25	Spring		1	1
67	5202-02041	Solenoid Link		1	1
68	5803-12082	Solenoid Bracket		1	1
69	180-103	Lock Washer		4	4
70	125-608	Screw		4	4

NOP-Side



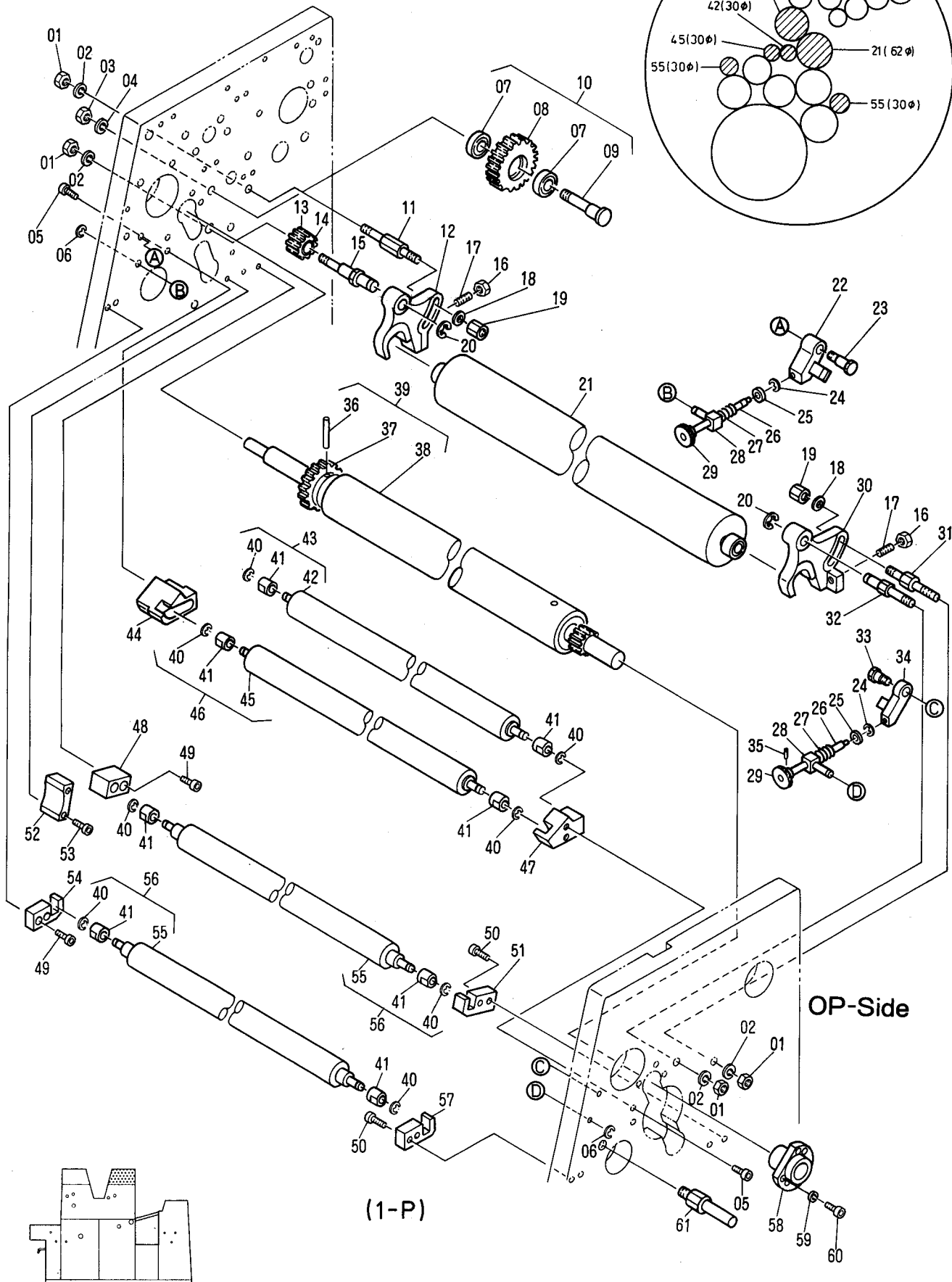
OP-Side

(1-P)

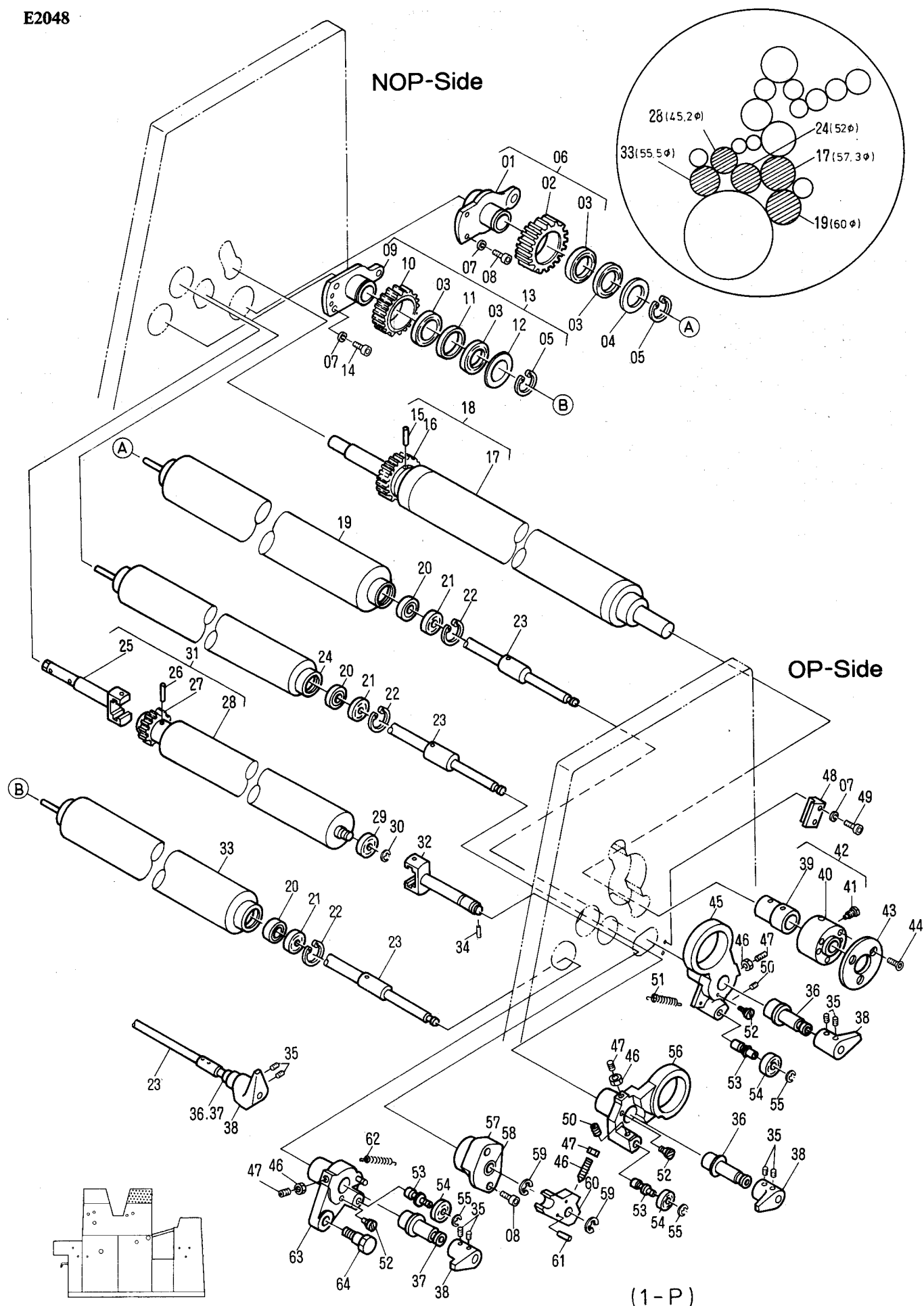
E2046

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NOP-Side

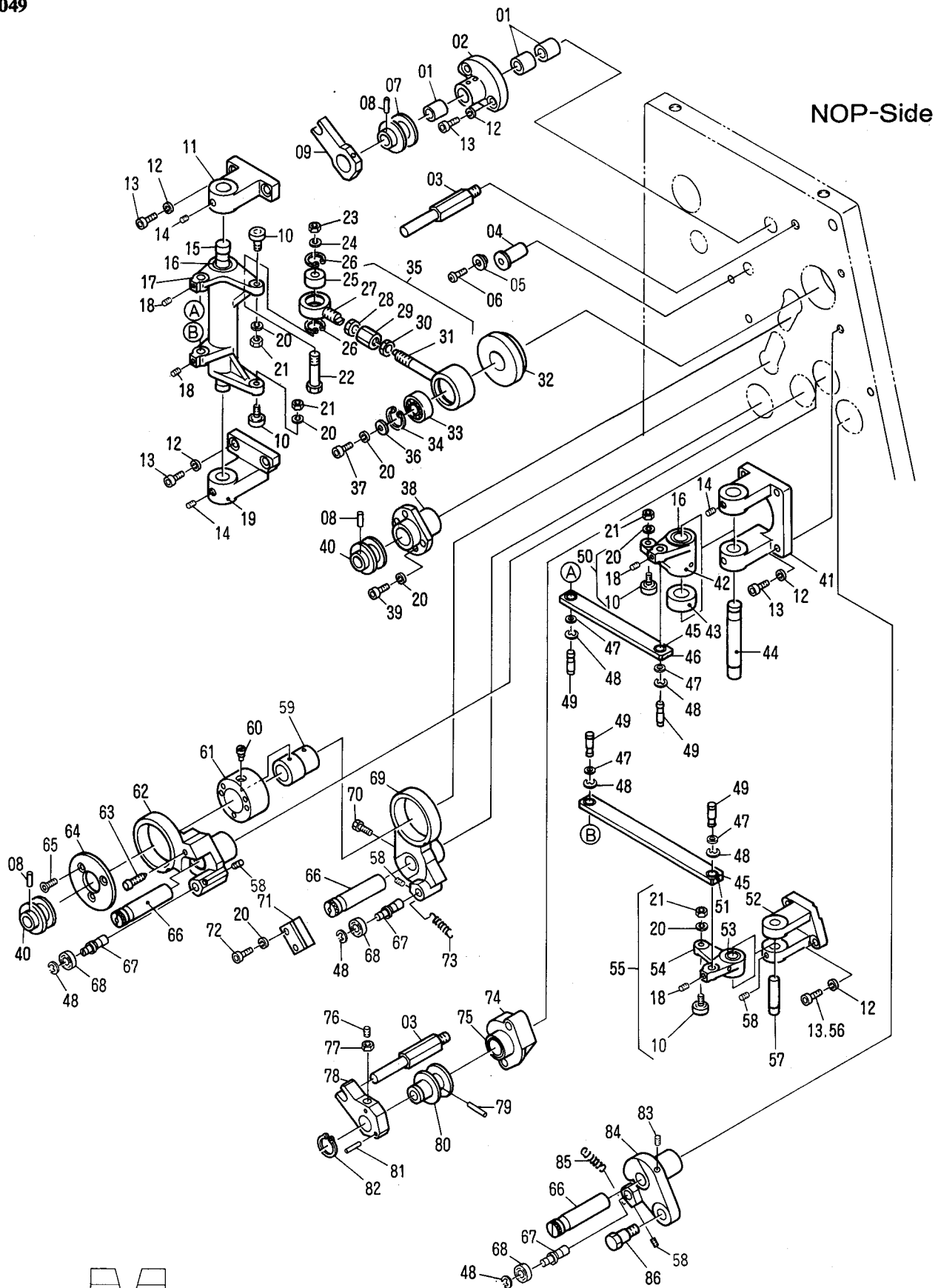


E2047[illegible]



E2048

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5803-03029	Bracket		1	1
02	5803-03030	Gear		1	1
03	5803-03026	Bearing (Brg. 6806)		4	4
04	5803-03031	Thrust Washer		1	1
05	181-030	C-Ring		2	2
06	5803-03029A	Bracket Assy (01 ~ 05)		1	1
07	180-106	Lock Washer		6	6
08	117-375	Screw		4	4
09	5803-03021	Bracket		1	1
10	5803-03027	Gear Including 03		1	1
11	5803-03023	Spacer		1	1
12	5803-03025	Thrust Washer		1	1
13	5803-03021A	Bracket Assy (03, 05, 09 ~ 12)		1	1
14	117-368	Screw		2	2
15	183-231	Roll Pin		1	1
16	5803-04082	Oscillating Drive Gear		1	1
17	5803-04083	Oscillating Roller (57.3φ)		1	1
18	5803-04083A	Oscillating Roller Assy (15 ~ 17)		1	1
19	5803-03034A	1st Form Roller (60φ)		1	1
20	5803-03040	Form Roller Hub Included in 19, 24		6	6
21	250-152.6	Bearing (Brg. 6902zz) Included in 19, 24		6	6
22	181-228	C-Ring		6	6
23	5803-03037A	Form Roller Shaft		3	3
24	5803-03035A	2nd Form Roller (52φ)		1	1
25	5803-04098	Oscillating Drive Shaft	NOP-S	1	1
26	183-207	Roll Pin		1	1
27	5803-04049	Oscillating Drive Gear		1	1
28	5803-04043	Oscillating Roller (45.2φ)		1	1
29	250-000.6	Bearing (Brg. 6000zz)		2	2
30	181-408	E-Ring		2	2
31	5803-04043A	Oscillating Roller Assy (26 ~ 30)		1	1
32	5803-04097	Oscillating Drive Shaft	OP-S	1	1
33	5803-03036A	3rd Form Roller (55.5φ)		1	1
34	183-208	Roll Pin		1	1
35	145-356	Set Screw		6	6
36	5803-03014	Form Roller Hub for 1st, 2nd Form Roller		2	2
37	5803-03042	Form Roller Hub for 3rd Form Roller		1	1
38	5803-03033	Form Roller Handle		1	1
39	5803-04086	Bushing		1	1
40	5803-04087	Oscillating Roller Hub		1	1
41	5803-04089	Screw		1	1
42	5803-04087A	Oscillating Roller Hub Assy (39 ~ 41)		1	1
43	5803-04088	Flange		1	1
44	122-195	Screw		3	3
45	5803-03012A	1st Form Roller Bracket		1	1
46	118-60-3	Nut		4	4
47	118-59-1A-3	Snubber		4	4
48	5803-03032	Bracket		1	1
49	117-380	Screw		2	2
50	145-358	Set Screw		3	3
51	103-30-3	Spring		1	1
52	5803-03005	Screw		3	3
53	5803-03004	Eccentric Pin		3	3
54	250-128.6	Bearing (Brg. 628zz)		3	3
55	181-406	E-Ring		3	3
56	5803-03010A	2nd Form Roller Bracket		1	1
57	5803-04042A	Bracket		1	1
58	5803-04124	Needle Bearing Included in 57		2	2
59	181-412	E-Ring		2	2
60	5803-04050A	Guide Bracket Including 46, 47		1	1
61	183-203	Roll Pin		1	1
62	U12-65-3	Spring		1	1
63	5803-03024A	3rd Form Roller Bracket		1	1
64	5803-03017	Shoulder Screw		1	1



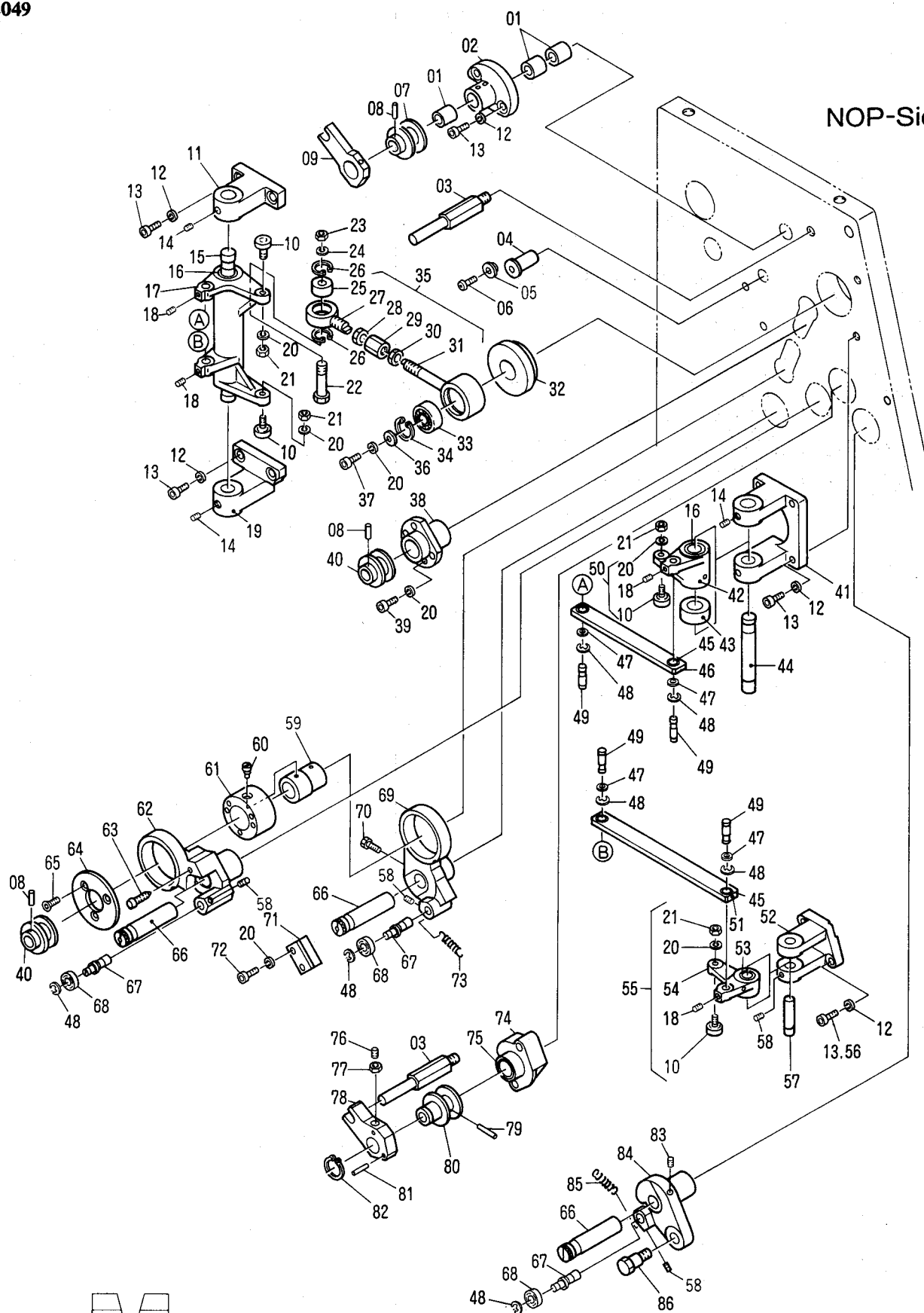
(1 - P)

Inking Section
Related Parts for NOP-Side Frame (1-P)

E2049

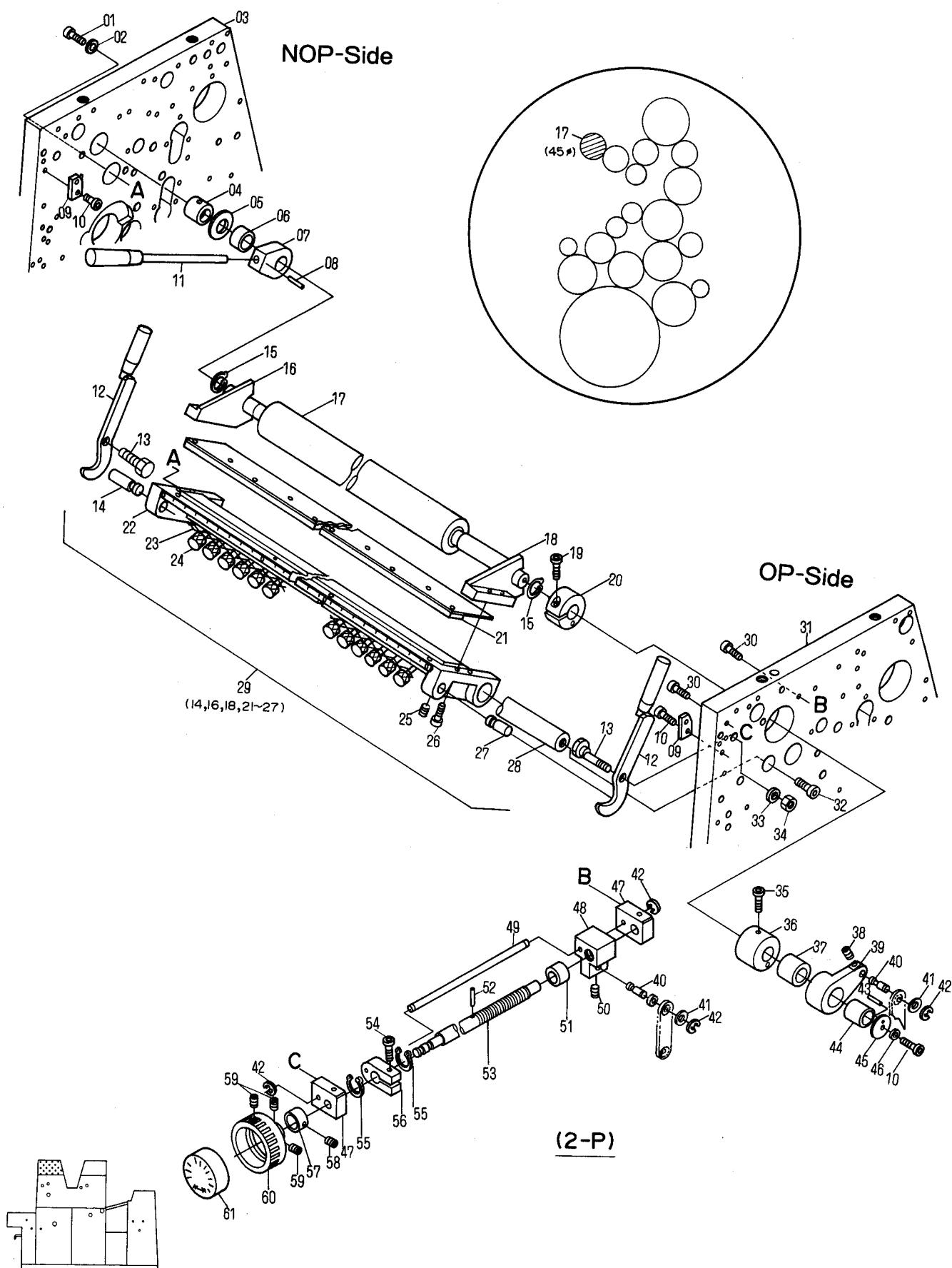
INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5803-05071	Needle Bearing		3	3
02	5803-05061A	Oscillating Roller Bushing Bracket	Including 01	1	1
03	5803-05042	Stud		2	2
04	5803-04004	Bushing		1	1
05	5203-11007	Retaining Washer		1	1
06	125-708	Screw		1	1
07	R51-91-3	Ink Oscillating Roller Drive Cam		1	1
08	183-205	Roll Pin		3	3
09	R51-88-3	Support Bracket		1	1
10	258-650.3	Cam Follower (Brg. KR16XLL/CF6UU)		4	4
11	5803-05021	Bracket		1	1
12	180-108	Lock Washer		11	11
13	117-475	Screw (M8 x 25)		10	10
14	145-458	Set Screw		3	3
15	5803-05044	Shaft		1	1
16	241-1620.1	Bushing	Included in 17, 42	2	2
17	5803-05057A	Drive Lever		1	1
18	145-505	Set Screw		4	4
19	5803-05062	Bracket		1	1
20	180-106	Lock Washer		10	10
21	170-106	Nut		4	4
22	5803-05027	Screw		1	1
23	170-110	Nut		1	1
24	180-110	Lock Washer		1	1
25	5803-05039	Bearing		1	1
26	181-622	C-Ring		2	2
27	5803-05037A	Drive Joint	Including 23~28	1	1
28	170-110.36	Nut		1	1
29	5803-05038	Nut		1	1
30	170-110.3	Nut		1	1
31	5803-05055A	Drive Joint		1	1
32	5803-05005	Flange		1	1
33	251-501	Bearing (Brg. 2201)	Included in 31	1	1
34	181-232	C-Ring		1	1
35	5803-05055B	Drive Joint Assy	(27, 29 ~ 31, 34)	1	1
36	5803-05015	Retaining Washer		1	1
37	117-362	Screw		1	1
38	5803-04094	Oscillating Roller Bushing Bracket		1	1
39	117-368	Screw		3	3
40	I01-39-3	Ink Oscillating Roller Drive Cam		2	2
41	5803-05060	Bracket		1	1
42	5803-05058A	Drive Lever		1	1
43	5803-05054	Spacer		1	1
44	5803-05043	Shaft		1	1
45	242-0810	Bushing	Included in 46, 51	4	4
46	5803-05052A	Link		1	1
47	184-108	Flat Washer		4	4
48	181-406	E-Ring		7	7
49	5803-05036	Pin		4	4
50	5803-05058B	Drive Lever Assy	(10, 18, 20, 21, 42, 49)	1	1
51	5803-05051A	Link		1	1
52	5803-05056	Bracket		1	1
53	241-1220.1	Bushing	Included in 53	1	1
54	5803-05059A	Drive Lever		1	1
55	5803-05059B	Drive Lever Assy	(10, 18, 20, 21, 49, 54)	1	1
56	117-472	Screw (M8 x 22)		1	1
57	5803-05053	Shaft		1	1
58	145-358	Set Screw		4	4
59	5803-04086	Bushing		1	1
60	5803-04089	Screw		1	1
61	5803-04087	Flange		1	1
62	5803-03011A	2nd Ink Form Roller Bracket		1	1
63	5803-03043	Screw		1	1
64	5803-04088	Plate		1	1
65	122-195	Screw		3	3
66	5803-03039	Adjustment Pilot Bushing		3	3
67	5803-03004	Eccentric Pin		3	3
68	250-128.6	Bearing (Brg. 628zz)		3	3
69	5803-03013A	1st Ink Form Roller Bracket		1	1
70	101-370	Screw		1	1

NOP-Side



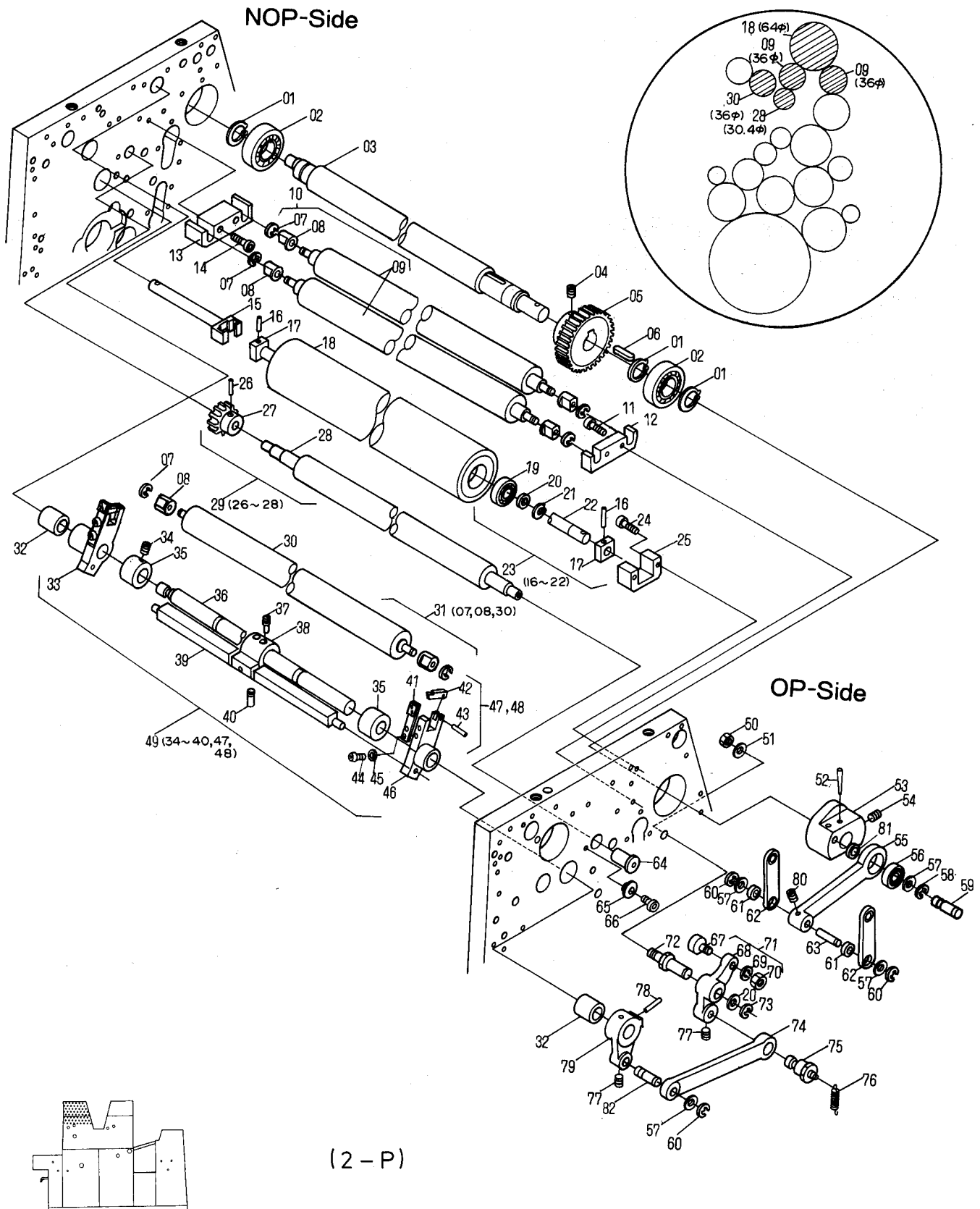
E2049

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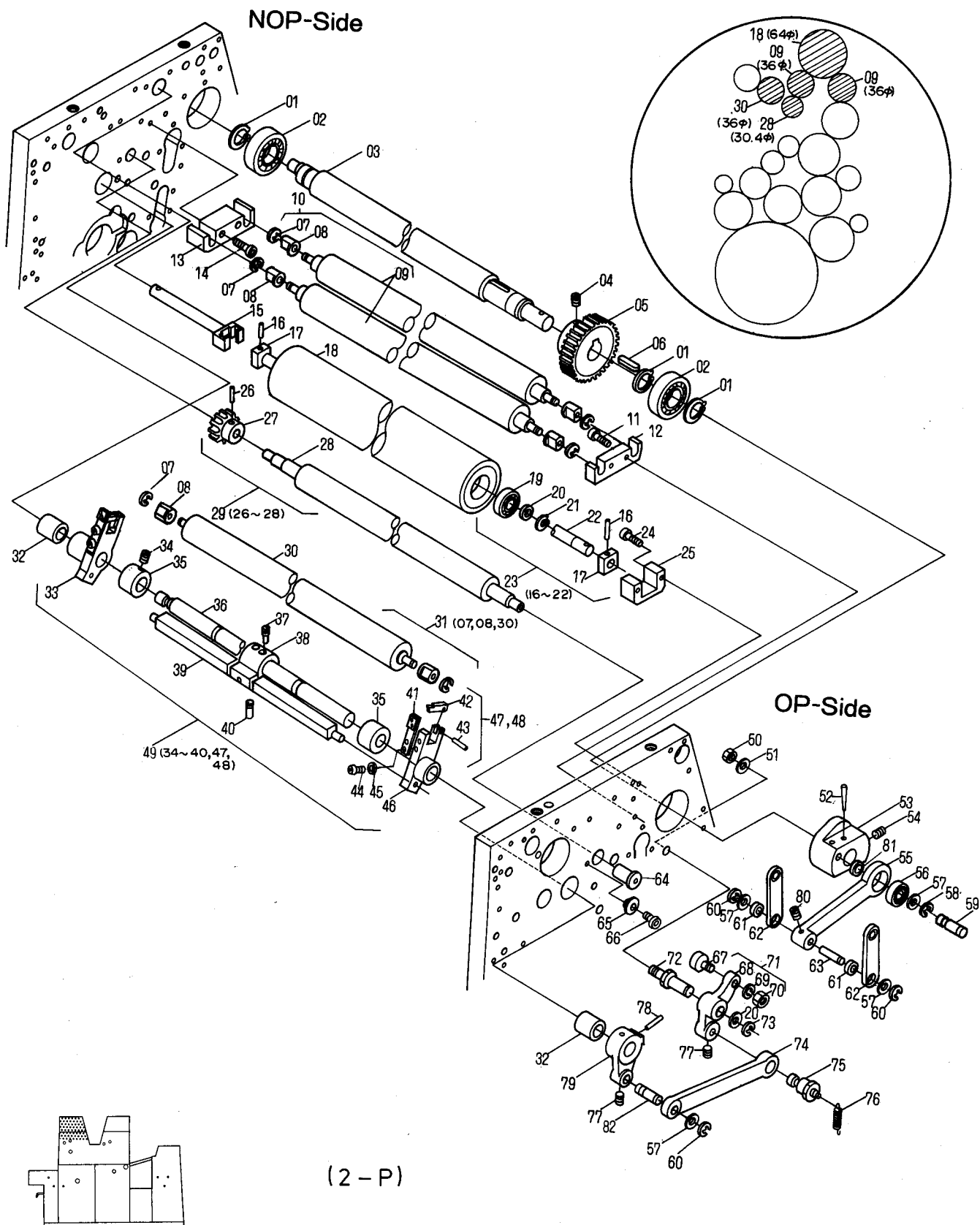
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Inking Section
Cam Shaft and Ink Roller (2-P)

E2051

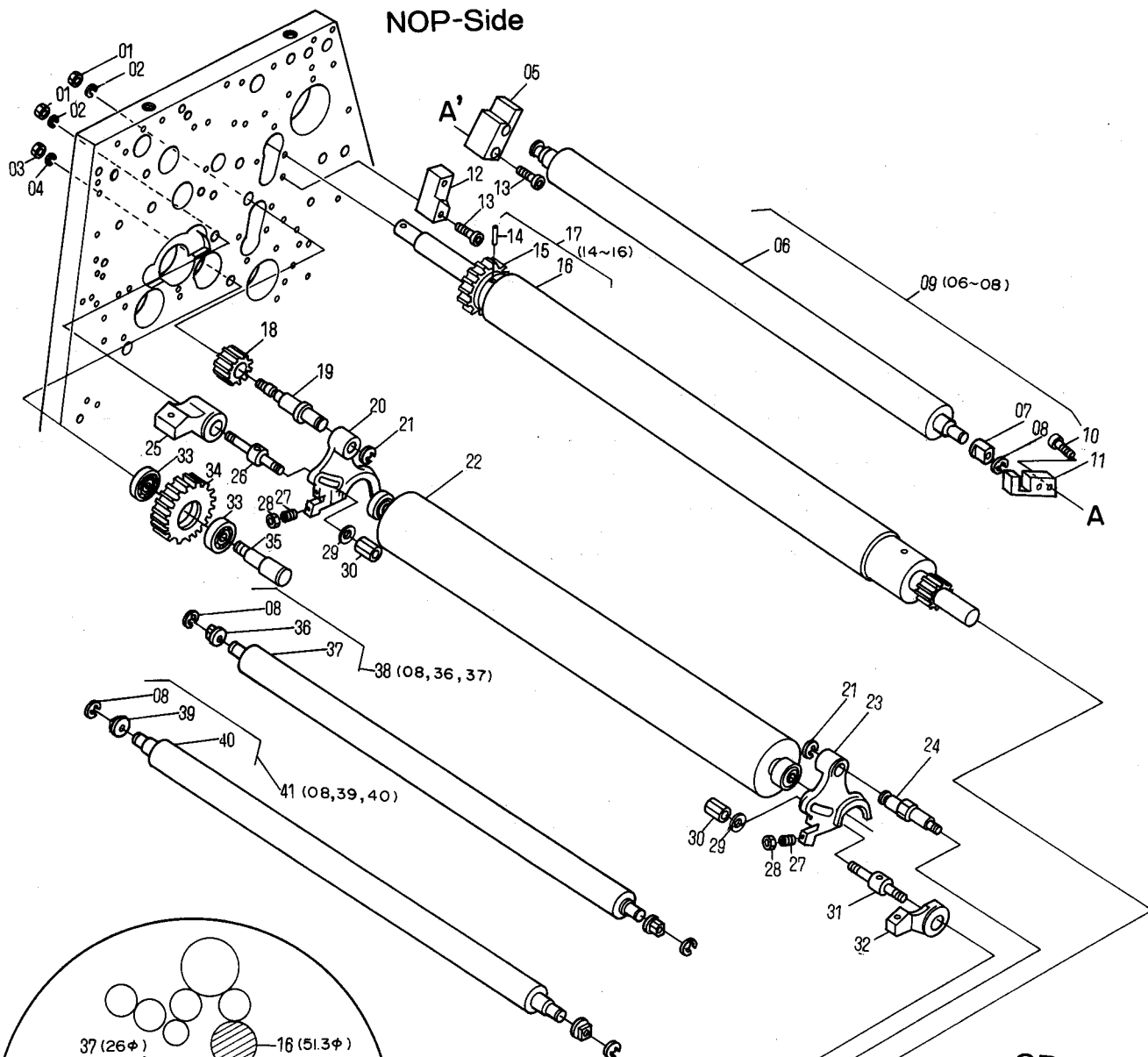
INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	181-025	C-Ring		3	3
02	250-205.6	Bearing (Brg. 6205zz)		2	2
03	5803-05073	Cam Shaft		1	1
04	145-358	Set Screw		1	1
05	5803-05074	Gear		1	1
06	188-074	Key		1	1
07	181-405	E-Ring		6	6
08	ND-24	Bushing		6	6
09	5803-04016	Ink Idle Roller (36φ)		2	2
10	5803-04016A	Ink Idle Roller Assy (08, 09)		2	2
11	117-370	Screw		2	2
12	5803-04116	Bracket	OP-S	1	1
13	5803-04021	Bracket	NOP-S	1	1
14	117-380	Screw		2	2
15	5803-04018	Oscillating Drive Shaft		1	1
16	183-206	Roll Pin		2	2
17	5803-04019	Guide Bracket		2	2
18	5803-04015A	Oscillating Roller (64φ)		1	1
19	250-201.6	Bearing (Brg. 6201zz) Included in 18		2	2
20	184-112	Flat Washer		3	3
21	181-012	C-Ring		2	2
22	5803-04017	Oscillating Roller Shaft		1	1
23	5803-04015B	Oscillating Roller Assy (16 ~ 22)		1	1
24	117-525	Screw		2	2
25	5803-04020	Bracket		1	1
26	183-185	Roll Pin		1	1
27	I23-02-3	Distributor Roller Gear		1	1
28	5803-04003	Distributor Roller (30.4φ)		1	1
29	5803-04003A	Distributor Roller Assy (26 ~ 28)		1	1
30	5803-06001	Ductor Roller (36φ)		1	1
31	5803-06001A	Ductor Roller Assy (08, 30)		1	1
32	I05-07-3	Bushing		2	2
33	5803-06035	Ductor Roller Bracket	NOP-S	1	1
34	145-355	Set Screw		2	2
35	185-2020.01	Collar		2	2
36	5803-06044	Ductor Frame Shaft		1	1
37	5803-06040	Pilot Screw		2	2
38	5803-06039	Block		1	1
39	5803-06038	Ductor Roller Bracket Spreader		1	1
40	5803-06041	Pilot Screw		1	1
41	5803-06013A	Flat Spring		2	2
42	5803-06014A	Lever		2	2
43	183-181	Roll Pin		3	3
44	125-656	Screw		4	4
45	184-104	Flat Washer		4	4
46	5803-06034	Ductor Roller Bracket	OP-S	1	1
47	5803-06034A	Ductor Roller Bracket Assy (41 ~ 46)	OP-S	1	1
48	5803-06035A	Ductor Roller Bracket Assy (33, 41 ~ 45)	NOP-S	1	1
49	5803-06044B	Ductor Roller Frame Assy (34 ~ 40, 47, 48)		1	1
50	170-110	Nut		1	1
51	180-110	Lock Washer		1	1
52	182-192	Taper Pin		1	1
53	5803-05003	Cam		1	1
54	145-355	Set Screw		1	1
55	5803-05013	Drive Link		1	1
56	250-000.6	Bearing (Brg. 6000zz)		1	1
57	184-110	Flat Washer		4	4
58	181-408	E-Ring		2	2
59	5803-05006	Pin		1	1
60	181-406	E-Ring		2	2
61	5803-05011	Bushing	Included in 62	4	4
62	5803-05032A	Link		1	1
63	5803-05010	Pin		1	1
64	5803-04004	Bushing		1	1
65	5203-11007	Retaining Washer		1	1
66	125-708	Screw		1	1
67	258-651.3	Cam Follower (Brg. KR19XLL/CF8UU)		1	1
68	5803-05016	Lever		1	1
69	180-108	Lock Washer		1	1
70	170-108	Nut		1	1



E2051

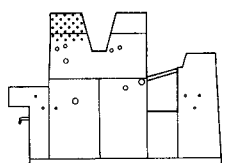
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NOP-Side



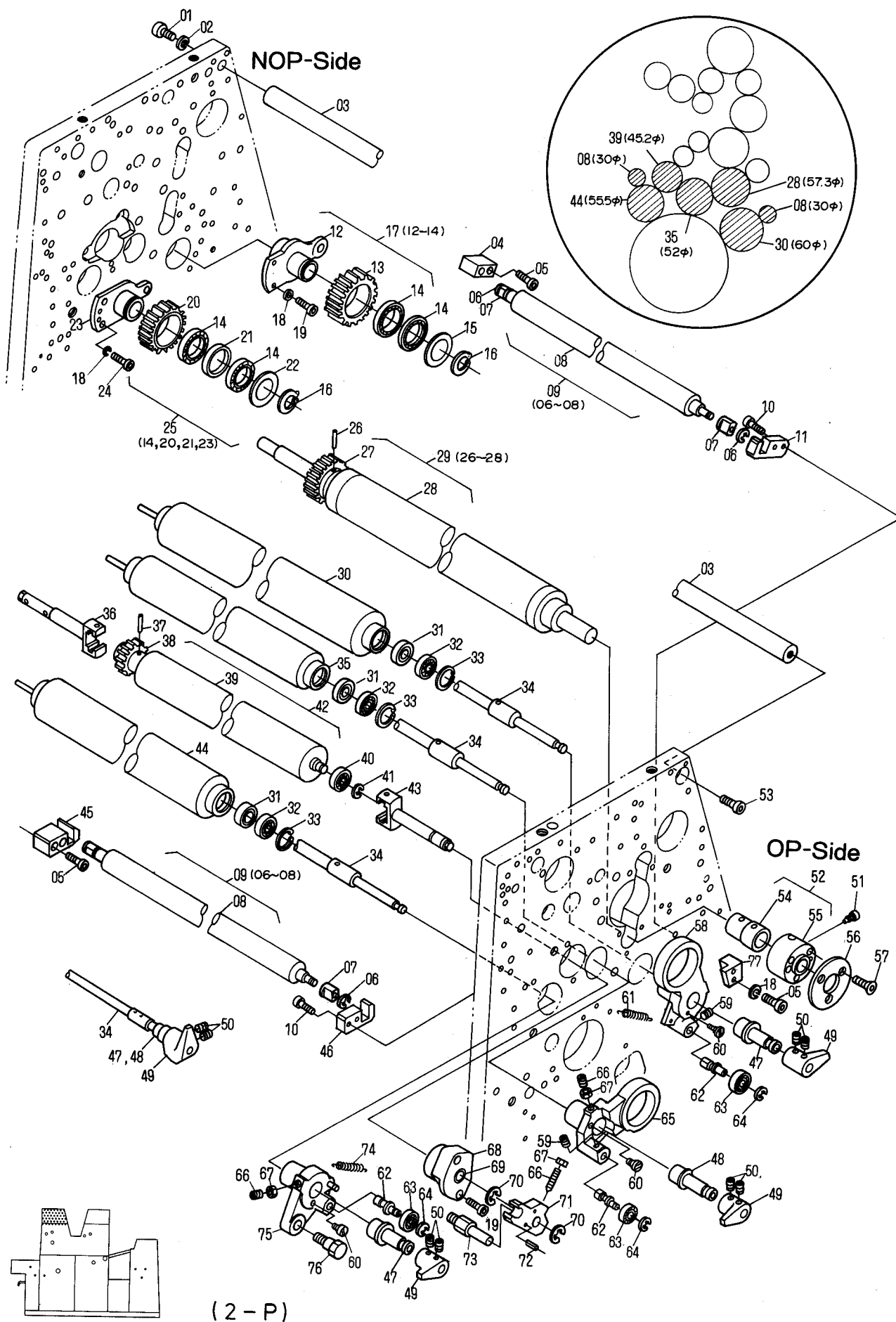
OP-Side

(2-P)



E2052

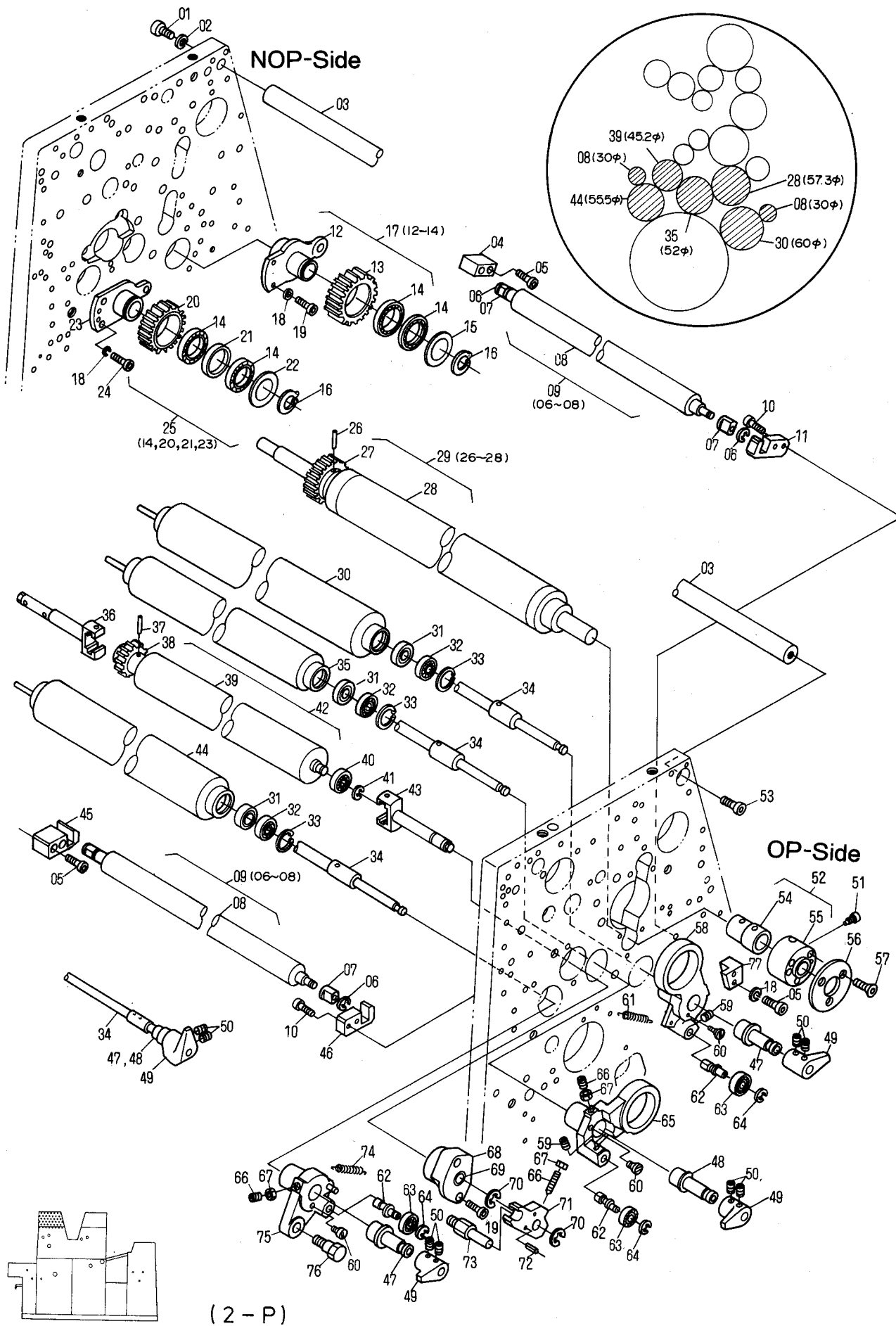
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Inking Section
Form Roller, Oscillation Roller and Idle Roller (2-P)

E2053

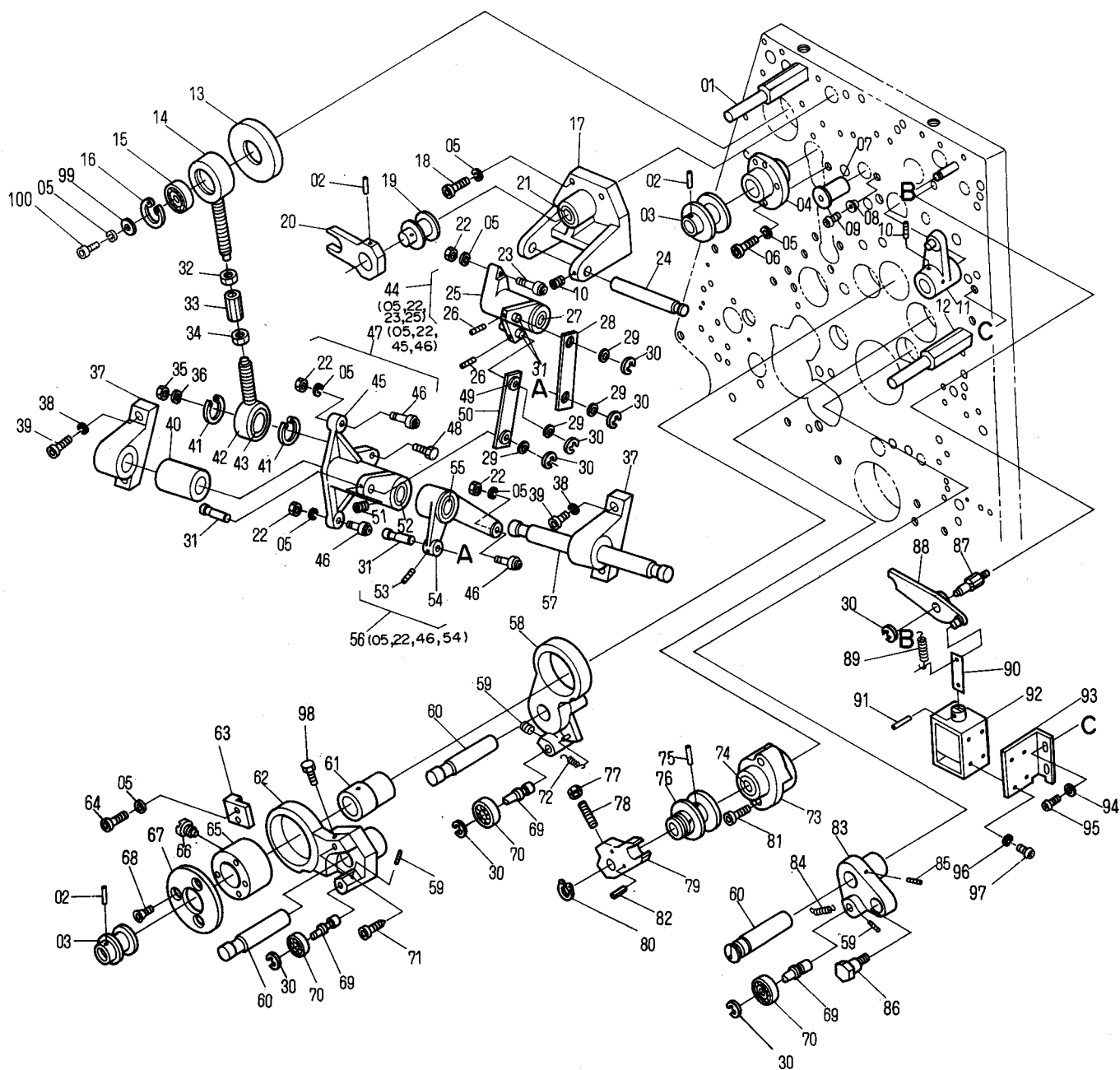
INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	117-633	Screw		1	1
02	180-112	Lock Washer		1	1
03	5803-02003	Spreader		1	1
04	5803-04091	Bracket		1	1
05	117-380	Screw		6	6
06	181-405	E-Ring		4	4
07	ND-24	Bushing		4	4
08	5803-04040	Idle Roller (30φ)		2	2
09	5803-04040A	Idle Roller Assy (06 ~ 08)		2	2
10	117-370	Screw		4	4
11	5803-04117	Bracket		1	1
12	5803-03029	Bracket		1	1
13	5803-03030	Gear		1	1
14	5803-03026	Bearing (Brg. 6806)	Included in 20	4	4
15	5803-03031	Thrust Washer		1	1
16	181-030	C-Ring		2	2
17	5803-03029A	Bracket Assy (12 ~ 14)		1	1
18	180-106	Lock Washer		6	6
19	117-375	Screw		4	4
20	5803-03027A	Gear		1	1
21	5803-03023	Spacer		1	1
22	5803-03025	Thrust Washer		1	1
23	5803-03021	Bracket		1	1
24	117-368	Screw		2	2
25	5803-03021A	Bracket Assy (14, 20, 21, 23)		1	1
26	183-231	Roll Pin		1	1
27	5803-04082	Oscillating Drive Gear		1	1
28	5803-04083	Oscillating Roller (57.3φ)		1	1
29	5803-04083A	Oscillating Roller Assy (26 ~ 28)		1	1
30	5803-03034A	1st Form Roller (60φ)		1	1
31	5803-03040	Form Roller Hub	Included in 30, 35, 44	6	6
32	250-152.6	Bearing (Brg. 6902zz)	Included in 30, 35, 44	6	6
33	181-228	C-Ring		6	6
34	5803-03037A	Form Roller Shaft		3	3
35	5803-03035A	2nd Form Roller (52φ)		1	1
36	5803-04098	Oscillating Drive Shaft	NOP-S	1	1
37	183-207	Roll Pin		1	1
38	5803-04049	Oscillating Drive Gear		1	1
39	5803-04043	Oscillating Roller (45.2φ)		1	1
40	250-000.6	Bearing (Brg. 6000zz)		2	2
41	181-408	E-Ring		2	2
42	5803-04043A	Oscillating Roller Assy (37 ~ 41)		1	1
43	5803-04097	Oscillating Drive Shaft	OP-S	1	1
44	5803-03036A	3rd Form Roller (55.5φ)		1	1
45	5803-04054	Bracket		1	1
46	5803-04118	Bracket		1	1
47	5803-03014	Form Roller Hub for 1st, 2nd Form Roller		2	2
48	5803-03042	Form Roller Hub for 3rd Form Roller		1	1
49	5803-03033	Form Roller Handle		3	3
50	145-356	Set Screw		6	6
51	5803-04089	Screw		1	1
52	5803-04087A	Oscillating Roller Hub Assy (51, 54, 55)		1	1
53	117-630	Screw		1	1
54	5803-04086	Bushing		1	1
55	5803-04087	Oscillating Roller Hub		1	1
56	5803-04088	Flange		1	1
57	122-195	Screw		3	3
58	5803-03012A	1st Form Roller Bracket	OP-S	1	1
59	145-358	Set Screw		2	2
60	5803-03005	Screw		3	3
61	103-30-3	Spring		1	1
62	5803-03004	Eccentric Pin		3	3
63	250-128.6	Bearing (Brg. 628zz)	Included in 62	3	3
64	181-406	E-Ring		3	3
65	5803-03010A	2nd Form Roller Bracket	OP-S	1	1
66	118-59-1A-3	Snubber		4	4
67	118-60-3	Nut		4	4
68	5803-04042A	Bracket		1	1
69	5803-04124	Needle Bearing (Brg. HK1416)	Included in 68	2	2
70	181-412	E-Ring		2	2



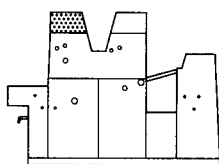
E2053

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NOP-Side



(2 - P)

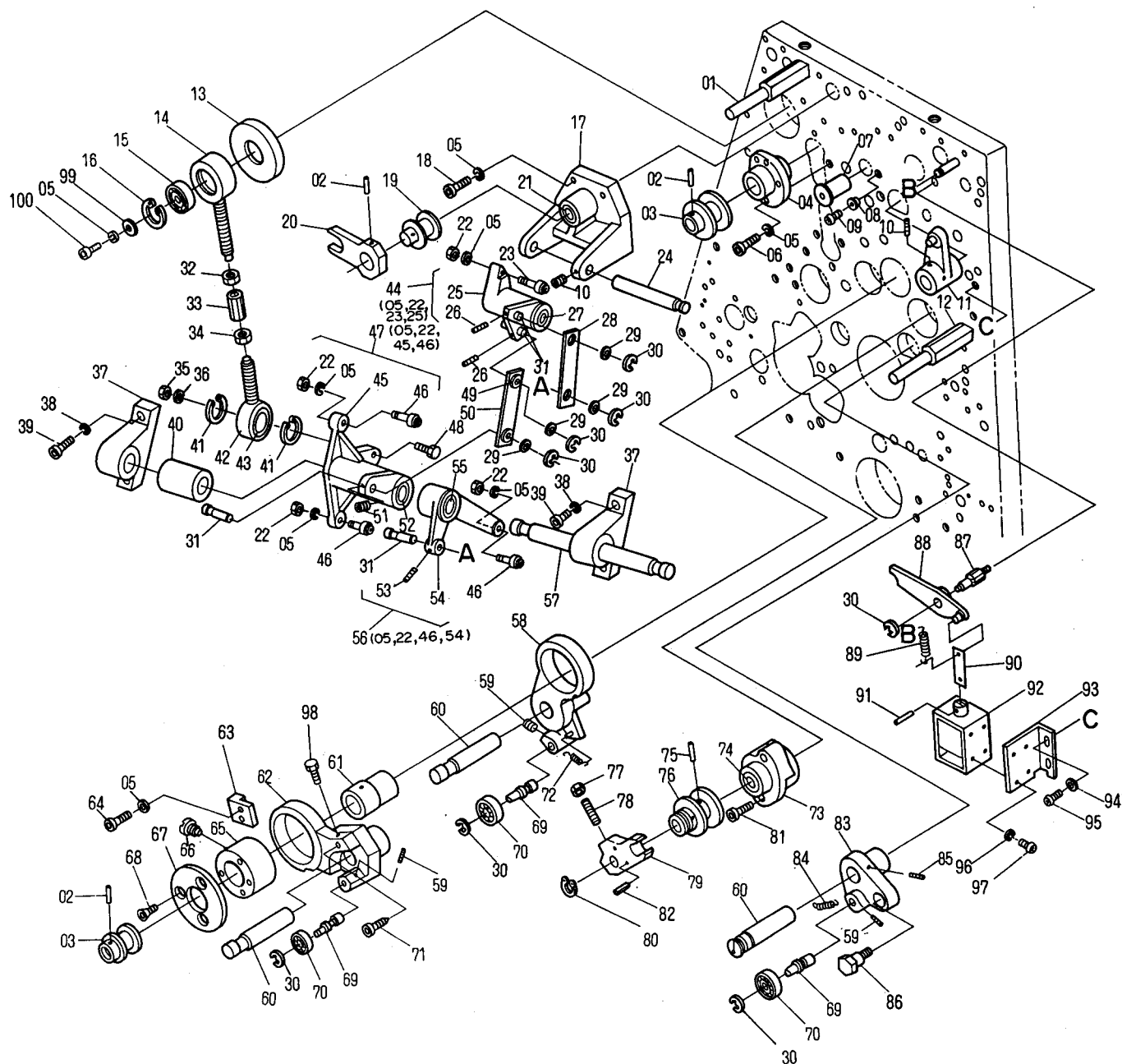


Inking Section
Related Parts for NOP-Side Frame (2-P)

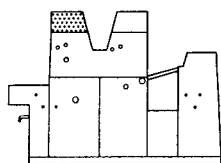
E2054

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5803-05042	Screw Stud		1	1
02	183-205	Roll Pin		3	3
03	101-39-3	Ink Oscillating Roller Drive Cam		2	2
04	5803-04076	Bushing Bracket		1	1
05	180-106	Lock Washer		14	14
06	117-368	Screw		3	3
07	5803-04004	Bushing		1	1
08	5203-11007	Retaining Washer		1	1
09	125-708	Screw		1	1
10	145-356	Set Screw		3	3
11	5803-06043A	Ductor Drive Lever		1	1
12	5803-05012	Screw Stud		1	1
13	5803-05005	Flange		1	1
14	5803-05004A	Drive Joint		1	1
15	251-501	Bearing (Brg. 12201)	Included in 14	1	1
16	181-232	C-Ring		1	1
17	5803-05022A	Bracket		1	1
18	117-370	Screw		4	4
19	R51-91-3	Ink Oscillating Roller Drive Cam		1	1
20	R51-88-3	Support Bracket		1	1
21	5803-05071	Needle Bearing (Brg. HMK1220)	Included in 17	3	3
22	170-106	Nut		4	4
23	258-650.1	Cam Follower (Brg. KR16X/CF6)		1	1
24	5803-05024	Shaft		1	1
25	5803-04052A	Drive Lever		1	1
26	145-512	Set Screw		2	2
27	241-1220.2	Bushing	Included in 25	2	2
28	5803-04061	Link		1	1
29	184-108	Flat Washer		4	4
30	181-406	E-Ring		8	8
31	5803-05036	Joint Pin		4	4
32	170-110.3	Nut		1	1
33	5803-05038	Nut		1	1
34	170-110.36	Nut		1	1
35	170-110	Nut		1	1
36	180-110	Lock Washer		1	1
37	5803-05021	Support Bracket		2	2
38	180-108	Lock Washer		4	4
39	117-475	Screw		4	4
40	5803-05028	Spacer		1	1
41	181-622	Cir Clip		2	2
42	5803-05037	Drive Joint		1	1
43	5803-05039	Bushing		1	1
44	5803-04052B	Drive Lever Assy	(05, 22, 23, 25)	1	1
45	5803-05018A	Drive Lever		1	1
46	258-650.3	Cam Follower (Brg. KR16XLL/CF6UU)		3	3
47	5803-05018B	Drive Lever Assy	(05, 22, 45, 46)	1	1
48	5803-05027	Shoulder Screw		1	1
49	242-0810	Bushing	Included in 50	2	2
50	5803-05026A	Link		1	1
51	145-508	Set Screw		1	1
52	241-1620.1	Bushing	Included in 45	2	2
53	145-505	Set Screw		1	1
54	5803-04055A	Drive Lever		1	1
55	241-1628.2	Bushing	Included in 54	1	1
56	5803-04055C	Drive Lever Assy	(05, 22, 46, 54)	1	1
57	5803-05020	Drive Shaft		1	1
58	5803-03013A	1st Ink Form Roller Bracket		1	1
59	145-358	Set Screw		3	3
60	5803-03039	Adjustment Pilot Bushing		3	3
61	5803-04086	Bushing		1	1
62	5803-03011A	2nd Ink Form Roller Bracket		1	1
63	5803-03032	Bracket		1	1
64	117-380	Screw		2	2
65	5803-04087	Flange		1	1
66	5803-04089	Screw		1	1
67	5803-04088	Plate		1	1
68	122-195	Screw		3	3
69	5803-03004	Eccentric Pin		3	3
70	250-128.6	Bearing (Brg. 628zz)		3	3

NOP-Side



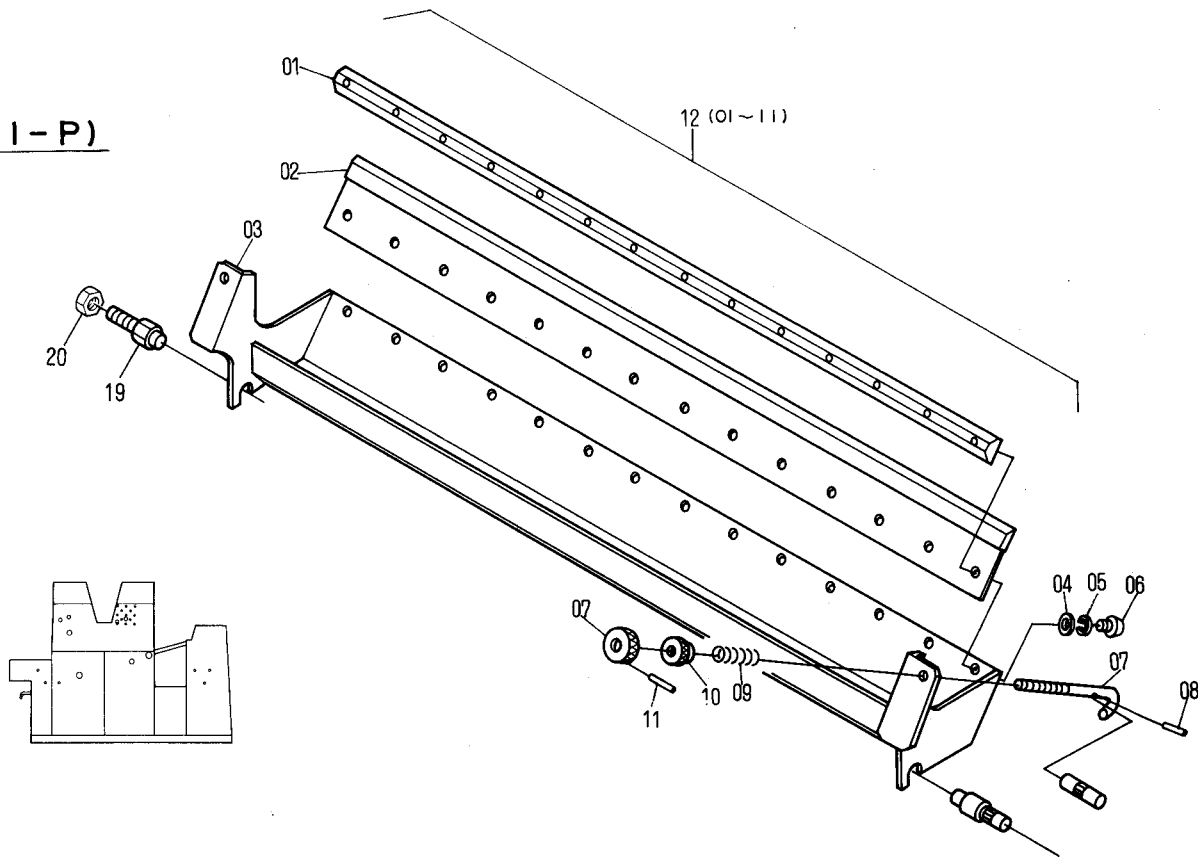
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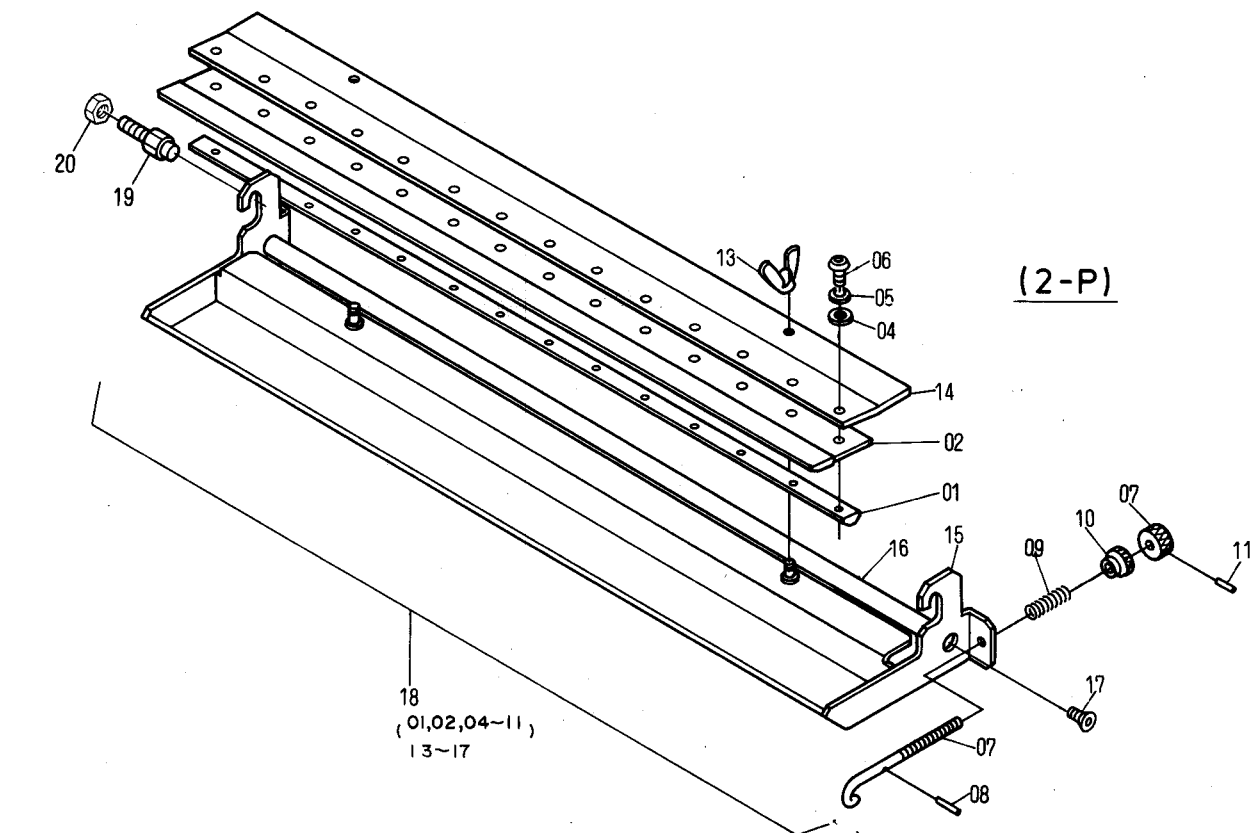
E2054

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(1-P)

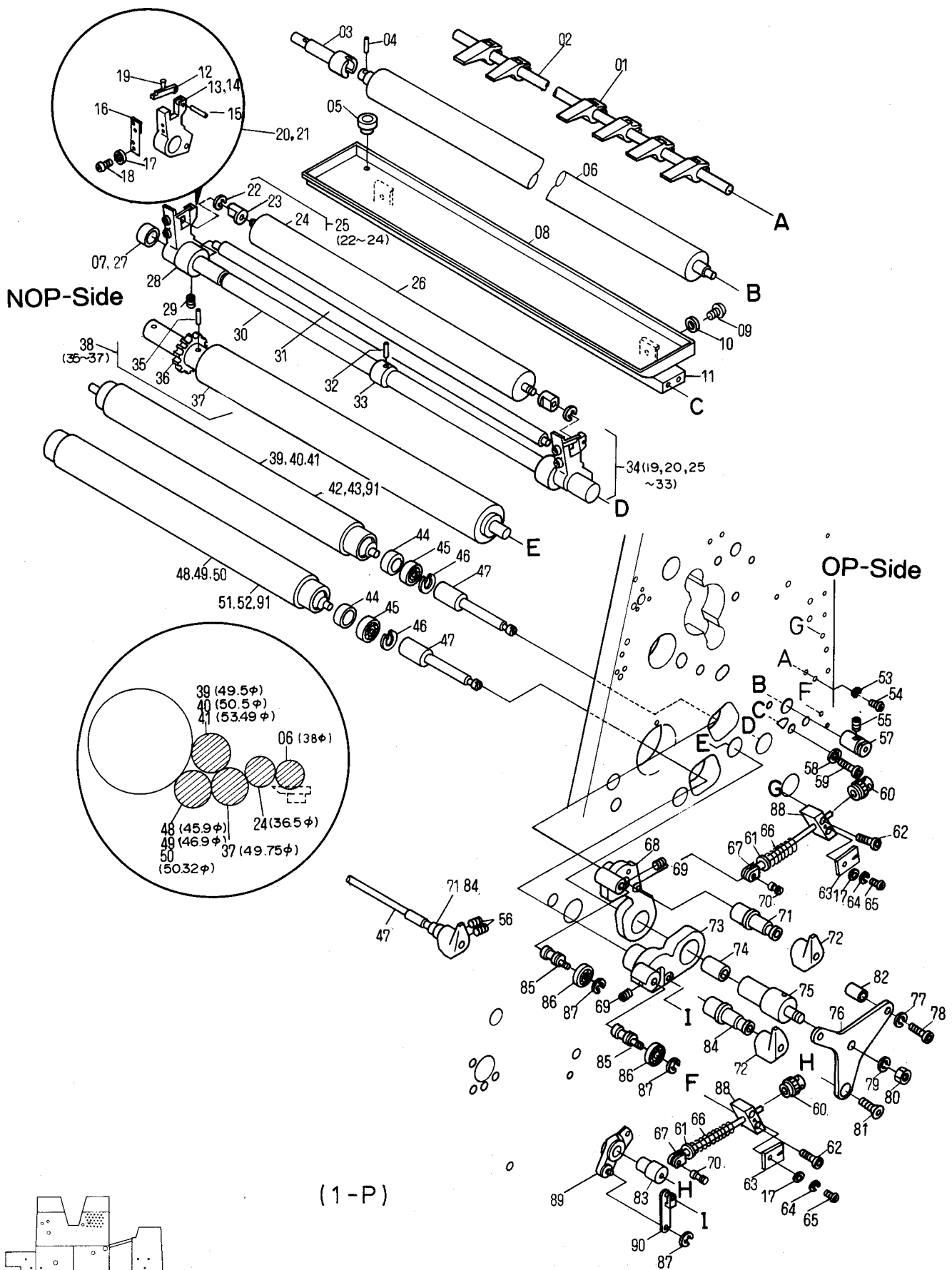


(2-P)



E2055

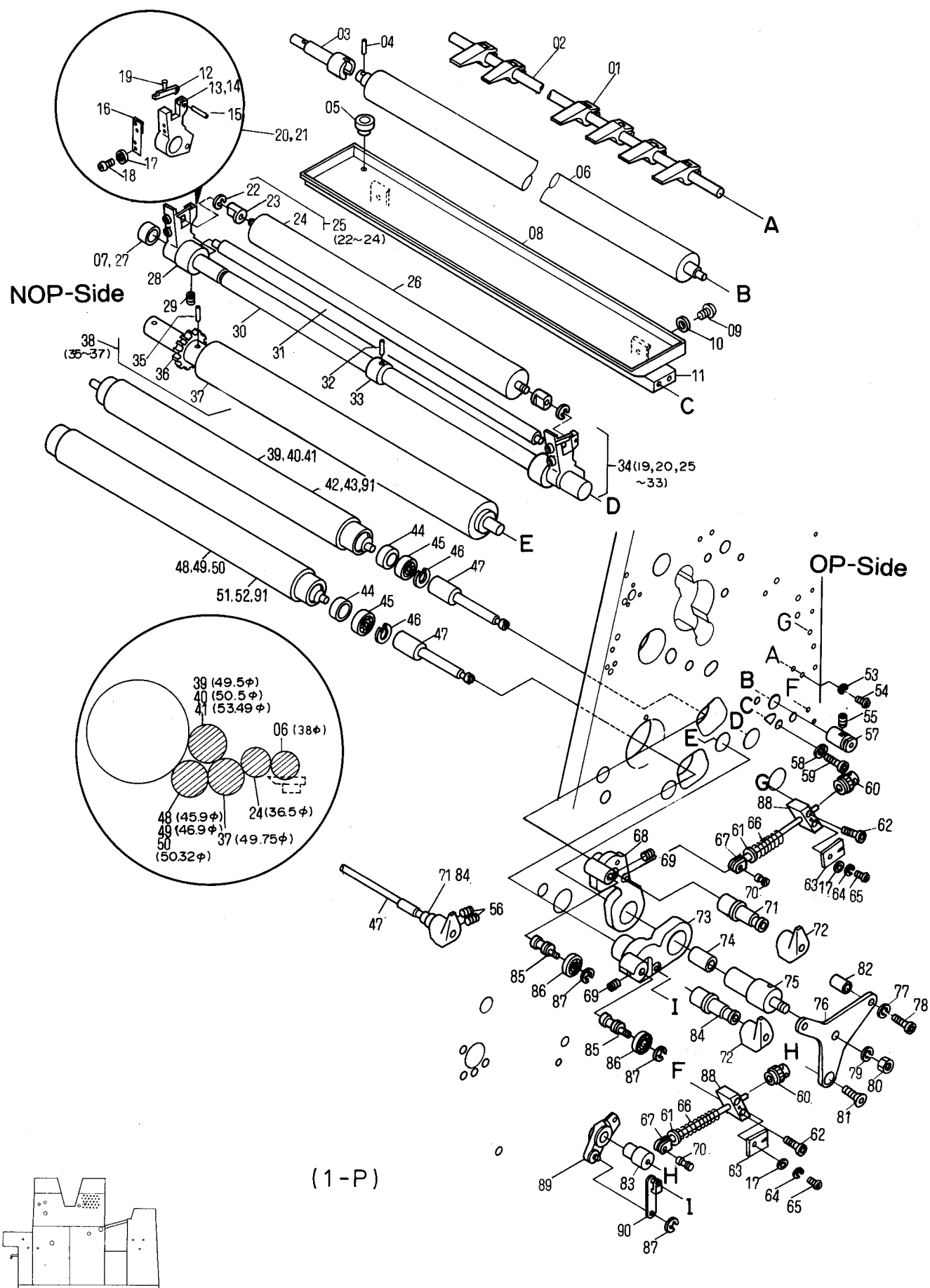
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Dampening Section
Dampening Roller and Related Parts for OP-Side Frame (1-P)

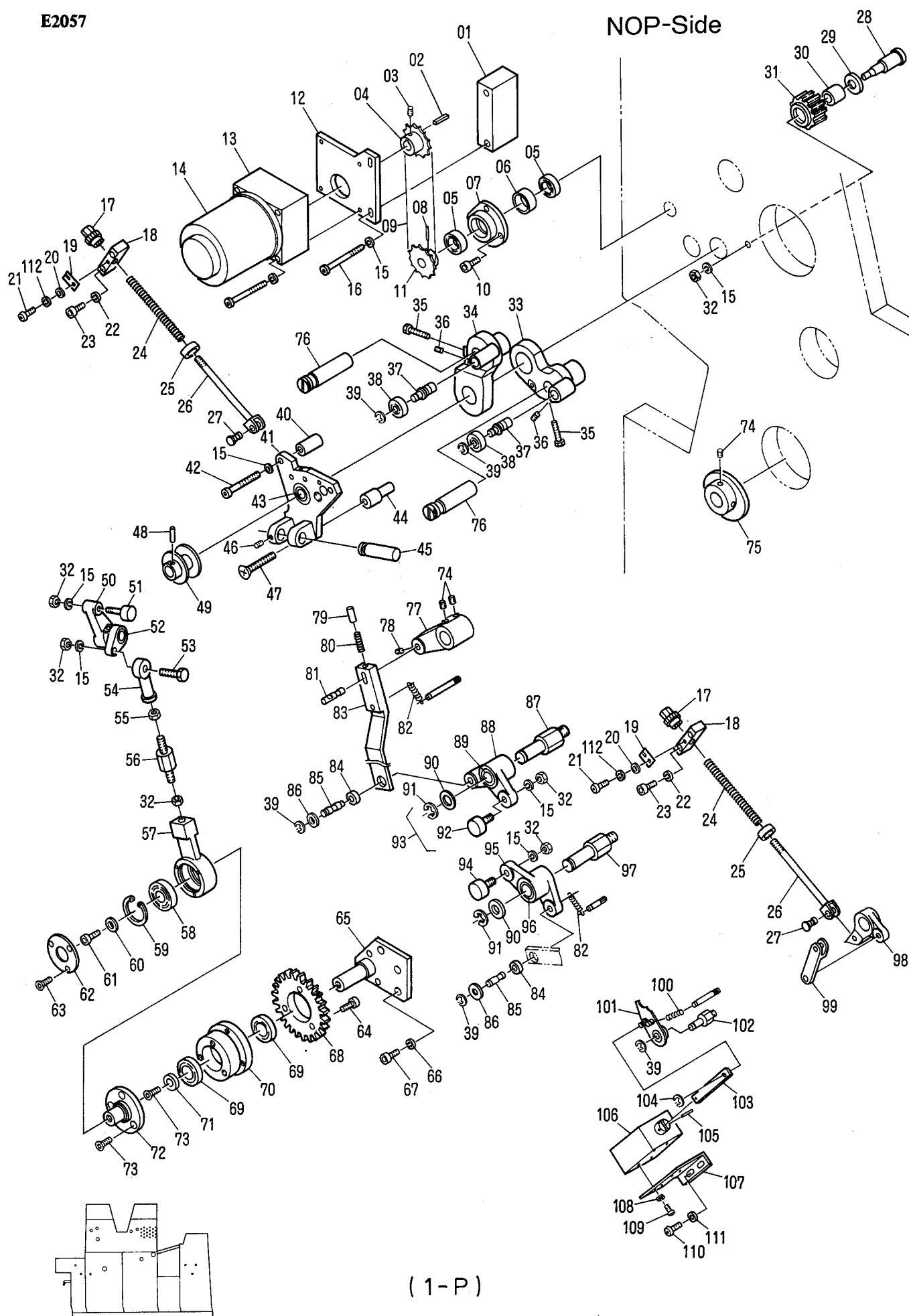
E2056

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	R05-01-3	Water Stop		20	20
02	5803-11025	Water Stop Shaft		1	1
03	5803-11007	Fountain Roller Bushing	NOP-S	1	1
04	183-186	Roll Pin		1	1
05	5803-11005	Cap		1	1
06	5803-11043	Fountain Roller (38φ)		1	1
07	5803-12131	Bushing	Included in 13	1	1
08	5803-11046B	Dampening Fountain Tray	NOP-S	1	1
09	184-105	Flat Washer		2	2
10	125-710	Screw		2	2
11	5803-11002	Fountain Tray Bracket		1	1
12	5803-12034A	Pawl		2	2
13	5803-12005A	Ductor Roller Bracket	NOP-S	1	1
14	5803-12006A	Ductor Roller Bracket	OP-S	1	1
15	183-181	Roll Pin		2	2
16	5803-06013A	Latch		2	2
17	184-104	Flat Washer		6	6
18	125-656	Screw		4	4
19	5803-12108	Cap		2	2
20	5803-12005B	Ductor Roller Bracket Assy (12, 13, 15 ~ 19)	NOP-S	1	1
21	5803-12006B	Ductor Roller Bracket Assy (12, 14 ~ 19)	OP-S	1	1
22	181-405	E-Ring		2	2
23	5803-12109	Bushing		2	2
24	5803-12003	Ductor Roller (36.5φ)		1	1
25	5803-12003A	Ductor Roller Assy (22 ~ 24)		1	1
26	5803-12049	Ductor Roller Cover		1	1
27	U01-15-3	Bushing	Included in 14	1	1
28	185-2020.01	Collar		2	2
29	145-355	Set Screw		2	2
30	5803-12172	Ductor Frame Shaft		1	1
31	5803-12122	Ductor Bracket Spreader		1	1
32	183-229	Roll Pin		1	1
33	5803-12120	Ductor Lever		1	1
34	5803-12172A	Ductor Roller Frame Assy (19, 20, 25 ~ 33)		1	1
35	183-209	Roll Pin		1	1
36	5803-12112	Oscillating Roller Drive Gear		1	1
37	5803-12002	Oscillating Roller (49.75φ)		1	1
38	5803-12002A	Oscillating Roller Assy (35 ~ 37)		1	1
39	5803-12159A	2nd Form Roller (49.5φ)		1	1
40	5803-12164A	2nd Form Roller (50.5φ)		1	1
41	5803-12166A	2nd Form Roller for Dampening Sleeve (3M) (53.49φ)	Option	1	1
42	5803-12171	Form Roller Cover (49.5φ)	Option	1	1
43	5803-12151	3M Dampening Sleeve	Option	1	1
44	5803-03040	Form Roller Hub	Included in 39 ~ 41, 48 ~ 50	4	4
45	250-152.6	Bearing (Brg. 6902zz)	Included in 39 ~ 41, 48 ~ 50	4	4
46	181-228	C-Ring		4	4
47	5803-12163A	Form Roller Shaft		2	2
48	5803-12160A	1st Form Roller (45.9φ)		1	1
49	5803-12165A	1st Form Roller (46.9φ)	Option	1	1
50	5803-12167A	1st Form Roller for Dampening Sleeve (3M) (50.32φ)	Option	1	1
51	5803-12150	Form Roller Cover (45.9φ)		1	1
52	5803-12149	3M Dampening Sleeve	Option	1	1
53	180-105	Lock Washer		4	4
54	125-731	Screw		4	4
55	145-368	Set Screw		1	1
56	145-356	Set Screw		4	4
57	5803-11044	Fountain Roller Bushing	OP-S	1	1
58	180-106	Lock Washer		4	4
59	117-381	Screw		4	4
60	5803-12143	Knob		2	2
61	5803-12032	Spacer		2	2
62	117-370	Screw		4	4
63	5803-12037	Flat Spring		2	2
64	180-104	Lock Washer		2	2
65	125-655	Screw		2	2
66	5803-12066	Spring		2	2
67	5803-12067	Adjusting Shaft		2	2
68	5803-12127	2nd Form Roller Bracket	OP-S	1	1
69	145-358	Set Screw		2	2
70	5803-12031	Pin		2	2



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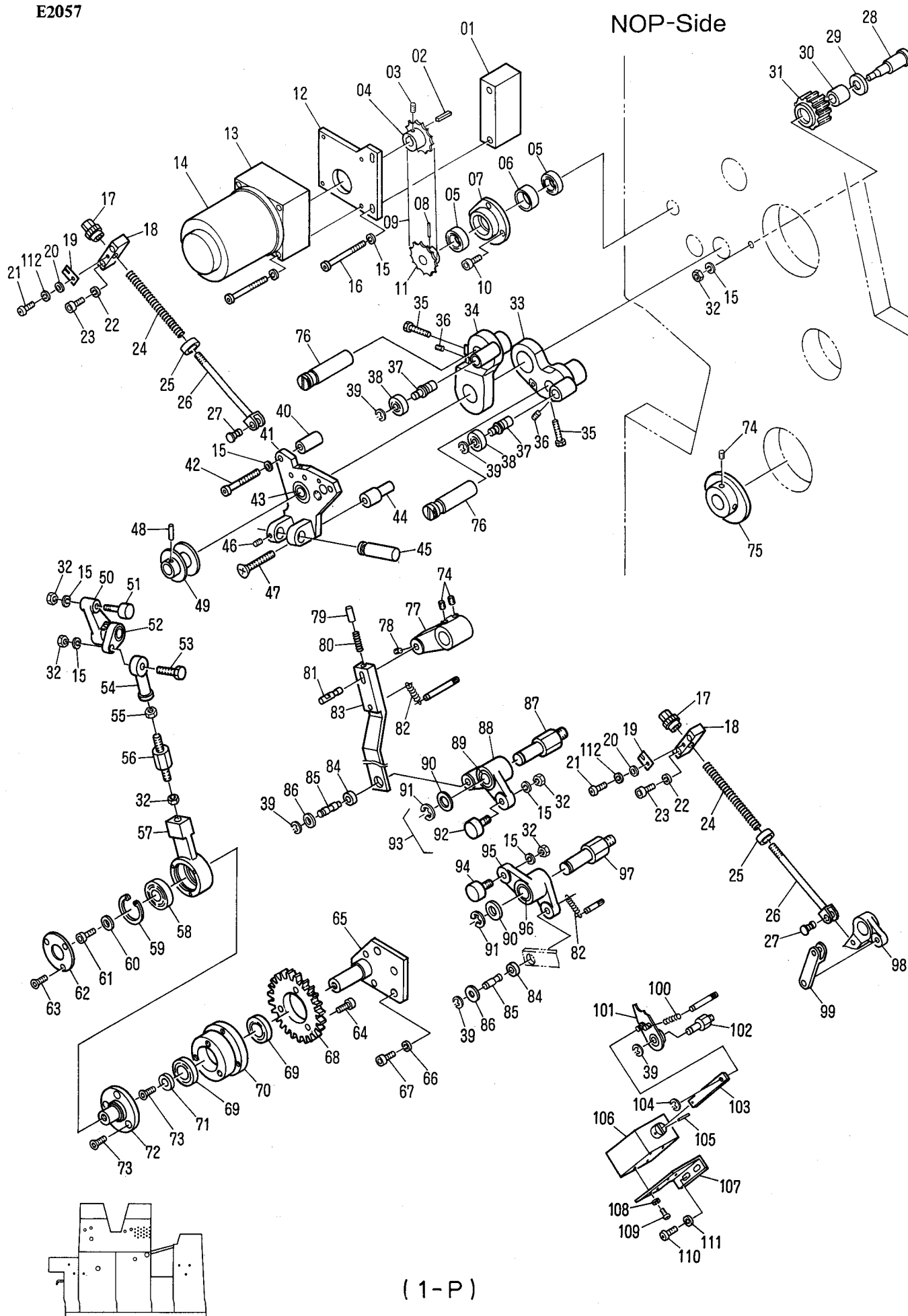


Dampening Section
Related Parts for NOP-Side Frame (1-P)

E2057

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5803-11015	Bracket		1	1
02	188-015	Key		1	1
03	145-404	Set Screw		1	1
04	5803-11012	Sprocket		1	1
05	250-001.7	Bearing (Brg. 6001LLU)		2	2
06	5803-11011	Spacer		1	1
07	5803-11010	Bushing Bracket		1	1
08	183-186	Roll Pin		1	1
09	5803-11029	Chain		1	1
10	117-365	Screw		3	3
11	5803-11009	Sprocket		1	1
12	5803-11014	Motor Bracket		1	1
13	E06-11-3	Gear Head		1	1
14	E01-90-01-3	Dampening Fountain Motor		1	1
15	180-108	Lock Washer		9	9
16	117-487	Screw		2	2
17	5803-12143	Adjusting Knob		2	2
18	5803-12035	Support Bracket		2	2
19	5803-12037	Flat Spring		2	2
20	184-104	Flat Washer		2	2
21	125-655	Screw		2	2
22	180-106	Lock Washer		2	2
23	117-370	Screw		2	2
24	5803-12066	Spring		2	2
25	5803-12032	Cap		2	2
26	5803-12067	Adjusting Shaft		2	2
27	5803-12031	Pin		2	2
28	5803-12027	Gear Stud		1	1
29	5803-12051	Spacer		1	1
30	M25-09-3	Bushing	Included in 31	1	1
31	5803-12026A	Gear		1	1
32	170-108	Nut		6	6
33	5803-12128	2nd Form Roller Bracket		1	1
34	5803-12130	1st Form Roller Bracket		1	1
35	101-380	Screw		2	2
36	145-358	Set Screw		2	2
37	5803-12110	Pin		2	2
38	250-128.6	Bearing (Brg. 628zz)		2	2
39	181-406	E-Ring		5	5
40	5803-12011	Spacer		2	2
41	5803-12076A	Bracket		1	1
42	117-485	Screw		2	2
43	5803-12015	Bushing	Included in 41	2	2
44	5803-12062	Spacer		1	1
45	5803-12024	Pin		1	1
46	145-356	Set Screw		1	1
47	122-800	Screw		1	1
48	183-205	Roll Pin		1	1
49	101-39-3	Oscillating Roller Drive Collar		1	1
50	5803-12025A	Drive Lever		1	1
51	258-650.3	Cam Follower (Brg. KR16XLL/CF6UU)		1	1
52	241-1212.2	Bushing	Included in 50	2	2
53	101-430	Screw		1	1
54	258-858.1	Drive Joint (PHS-8L)		1	1
55	R-236-01	Nut		1	1
56	5803-12071	Screw		1	1
57	5803-12022	Drive Joint		1	1
58	251-202	Bearing (Brg. 1202)		1	1
59	181-235	C-Ring		1	1
60	184-156	Flat Washer		1	1
61	117-362	Screw		1	1
62	5803-12043	Plate		1	1
63	122-056	Screw		3	3
64	117-515	Screw		3	3
65	5803-12074	Gear Stud Bracket		1	1
66	180-110	Lock Washer		3	3
67	117-565	Screw		3	3
68	5803-12072	Gear		1	1
69	250-002.6	Bearing (Brg. 6002zz)	Included in 70	2	2
70	5803-12075A	Gear Hub		1	1

NOP-Side

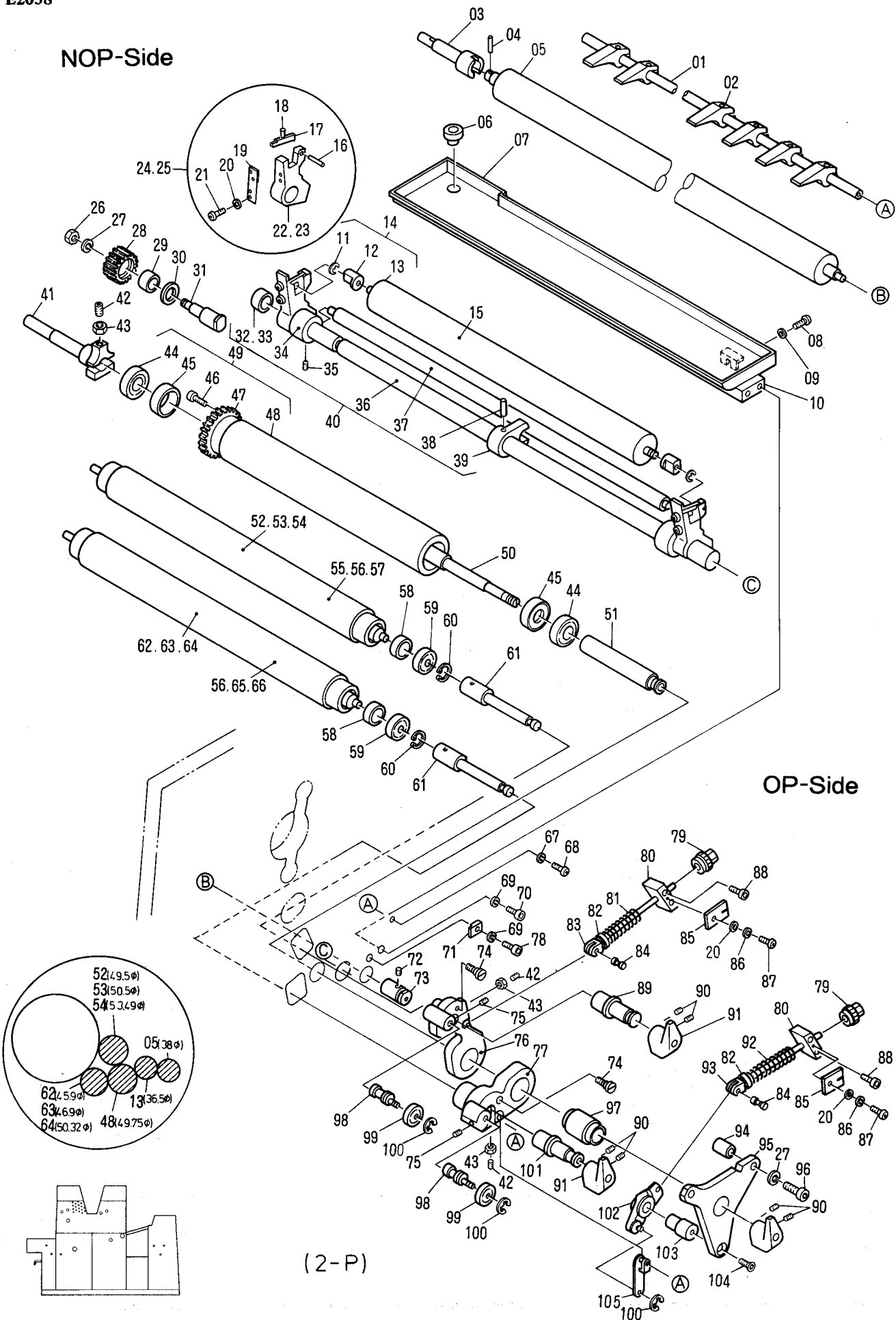


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NOP-Side

OP-Side



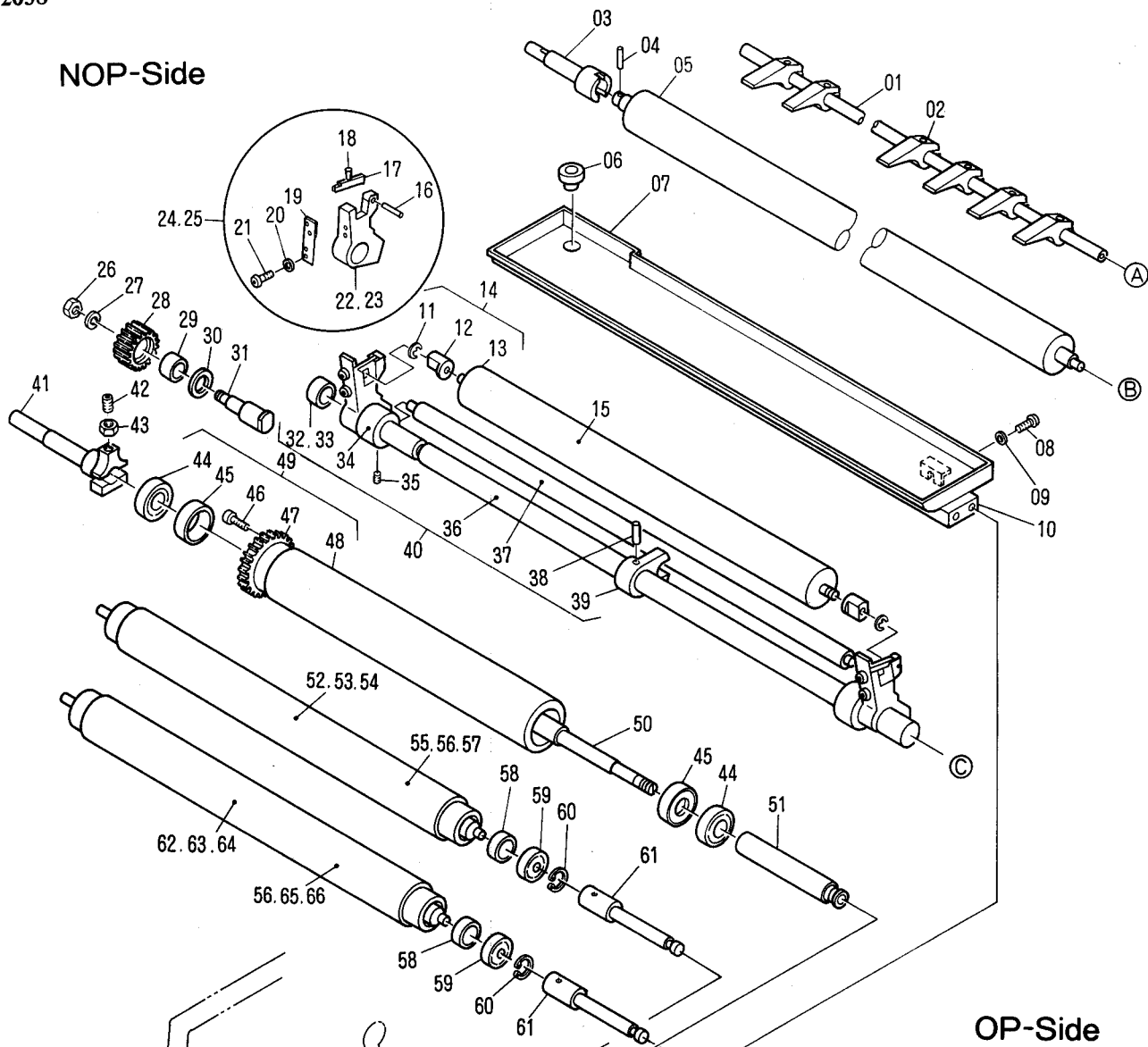
(2-P)

Dampening Section
Dampening Roller and Related Parts for OP-Side Frame (2-P)

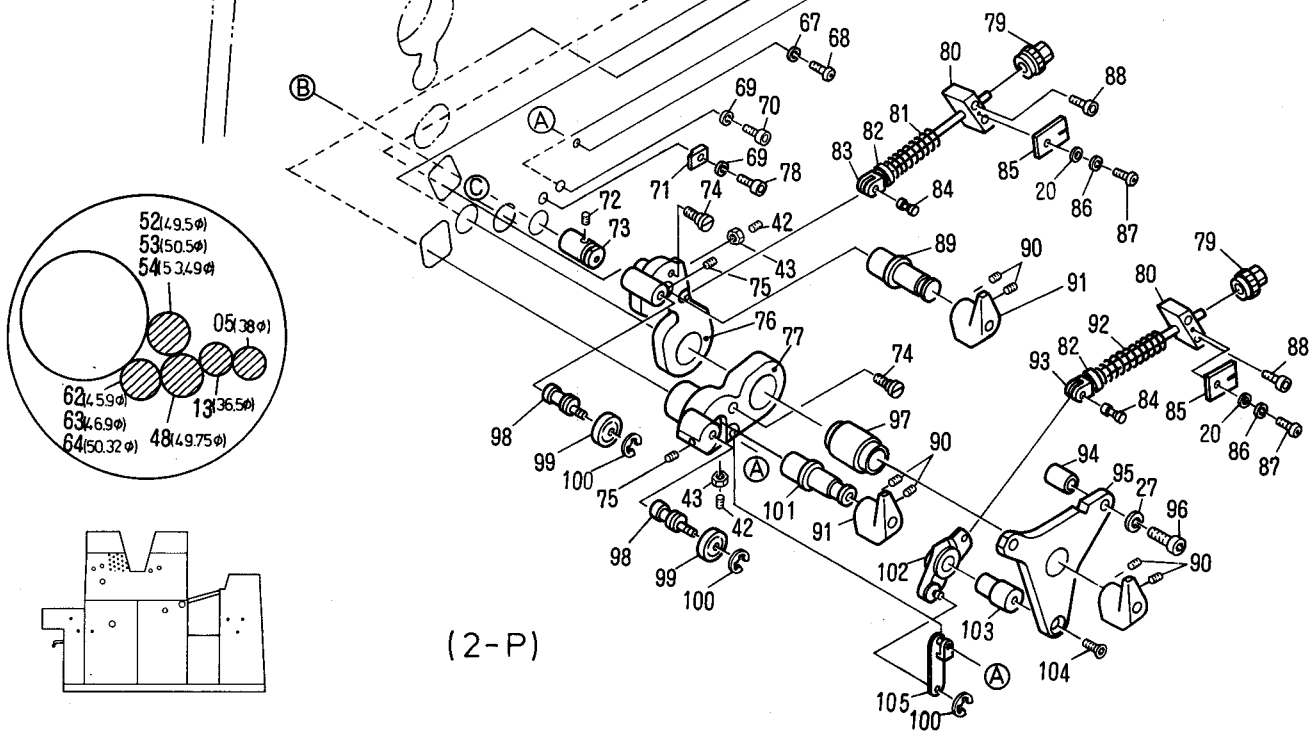
E2058

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5803-11025	Water Stop Shaft		1	1
02	R05-01-3	Water Stop		20	20
03	5803-11007	Fountain Roller Bushing	NOP-S	1	1
04	183-186	Roll Pin		1	1
05	5803-11043	Fountain Roller (38φ)		1	1
06	5803-11005	Cap		1	1
07	5803-11046A	Dampening Fountain Tray		1	1
08	125-710	Screw		2	2
09	184-105	Flat Washer		2	2
10	5803-11002	Fountain Tray Spreader		1	1
11	181-405	E-Ring		2	2
12	5803-12109	Bushing		2	2
13	5803-12003	Ductor Roller (36.5φ)		1	1
14	5803-12003A	Ductor Roller Assy (11 ~ 13)		1	1
15	5803-12049	Ductor Roller Cover		1	1
16	183-181	Roll Pin		2	2
17	5803-12034A	Pawl		2	2
18	5803-12108	Cap	Included in 17	2	2
19	5803-06013A	Latch		2	2
20	184-104	Flat Washer		6	6
21	125-656	Screw		4	4
22	5803-12005A	Ductor Roller Bracket	NOP-S	1	1
23	5803-12006A	Ductor Roller Bracket	OP-S	1	1
24	5803-12005B	Ductor Roller Bracket Assy (16 ~ 22)	NOP-S	1	1
25	5803-12006B	Ductor Roller Bracket Assy (16 ~ 21, 23)	OP-S	1	1
26	170-108	Nut		1	1
27	180-108	Lock Washer		3	3
28	5803-12026A	Gear		1	1
29	M25-09-3	Bushing	Included in 28	1	1
30	5803-12051	Spacer		1	1
31	5803-12027	Gear Stud		1	1
32	5803-12131	Bushing	Included in 22	1	1
33	U01-15-3	Bushing	Included in 23	1	1
34	185-2020.01	Collar		2	2
35	145-355	Set Screw		2	2
36	5803-12172	Ductor Frame Shaft		1	1
37	5803-12122	Ductor Bracket Spreader		1	1
38	183-229	Roll Pin		1	1
39	5803-12120	Ductor Lever		1	1
40	5803-12172A	Ductor Roller Frame Assy (24, 25, 32 ~ 39)		1	1
41	5803-12102	Oscillating Drive Shaft	NOP-S	1	1
42	I18-59-1A-3	Snubber		3	3
43	I18-60-3	Nut		3	3
44	5803-12104	Bearing	Included in 47, 48	2	2
45	5803-12105	Oscillating Roller Hub	Included in 47, 48	2	2
46	117-530	Screw		3	3
47	5803-12103A	Oscillating Roller Drive Gear		1	1
48	5803-12097	Oscillating Roller (49.75φ)		1	1
49	5803-12097A	Oscillating Roller Assy (44 ~ 48)		1	1
50	5803-12098	Oscillating Roller Shaft		1	1
51	5803-12096	Roller Shaft Sleeve		1	1
52	5803-12159A	2nd Form Roller (49.5φ)		1	1
53	5803-12164A	2nd Form Roller (50.5φ)	Option	1	1
54	5803-12166A	2nd Form Roller for 3M Dampening Sleeve (53.49φ)	Option	1	1
55	5803-12150	Form Roller Cover (49.5φ)		1	1
56	R13-02-01-8	Form Roller Cover (50.5φ/46.9φ)	Option	2	2
57	5803-12151	3M Dampening Sleeve (53.49φ)	Option	1	1
58	5803-03040	Form Roller Hub	Included in 52~54, 62~64	4	4
59	250-152.6	Bearing (Brg. 6902zz)	Included in 52~54, 62~64	4	4
60	181-228	C-Ring		4	4
61	5803-12163A	Form Roller Shaft		2	2
62	5803-12160A	1st Form Roller (45.9φ)		1	1
63	5803-12165A	1st Form Roller (46.9φ)	Option	1	1
64	5803-12167A	1st Form Roller for 3M Dampening Sleeve (50.32φ)	Option	1	1
65	5803-12171	Form Roller Cover (45.9φ)		1	1
66	5803-12149	3M Dampening Sleeve (50.32φ)	Option	1	1
67	180-105	Lock Washer		2	2
68	125-731	Screw		2	2
69	180-106	Lock Washer		5	5
70	117-381	Screw		4	4

NOP-Side



OP-Side

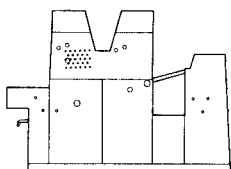
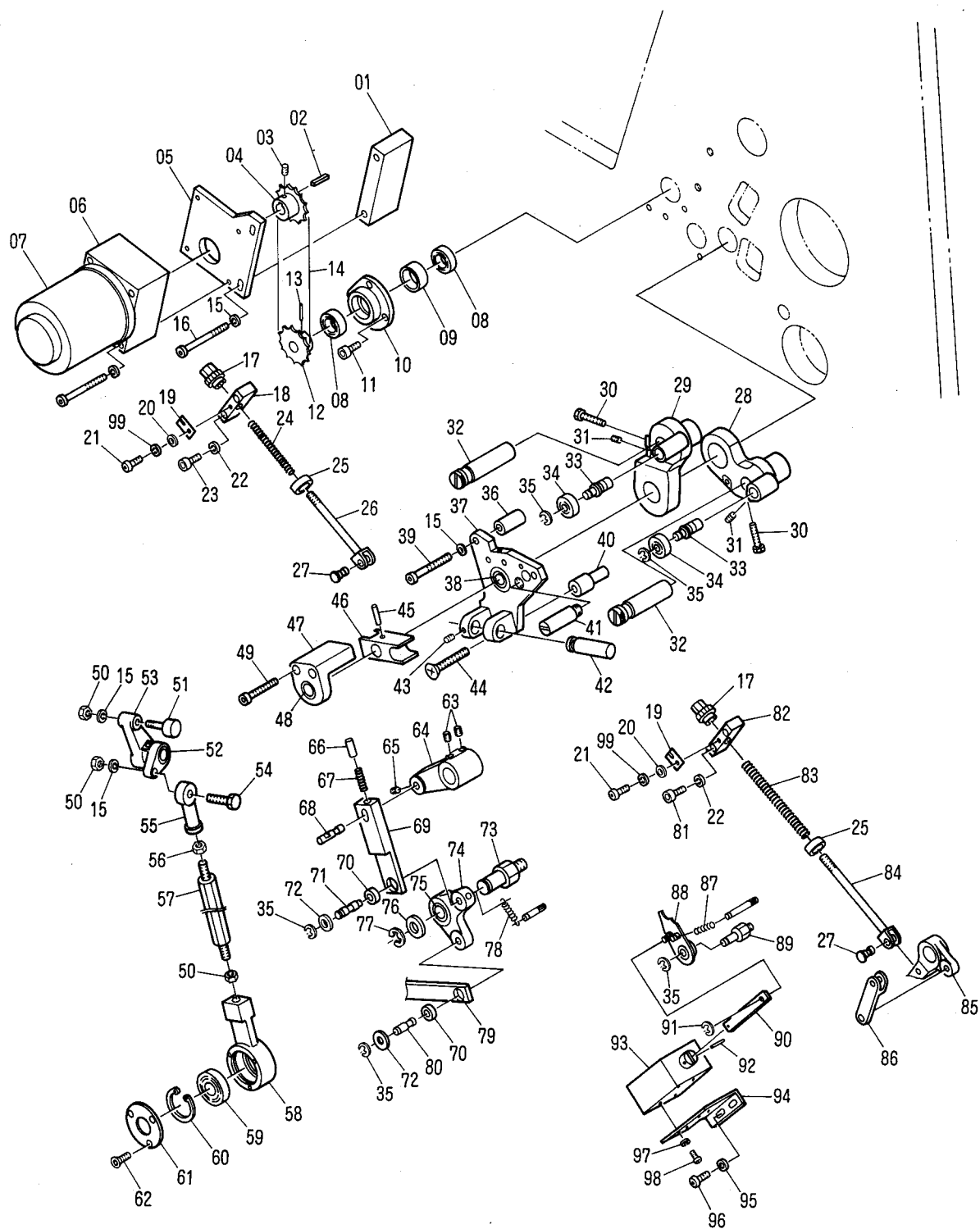


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NOP-Side



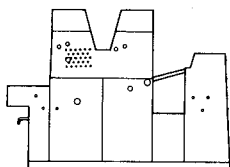
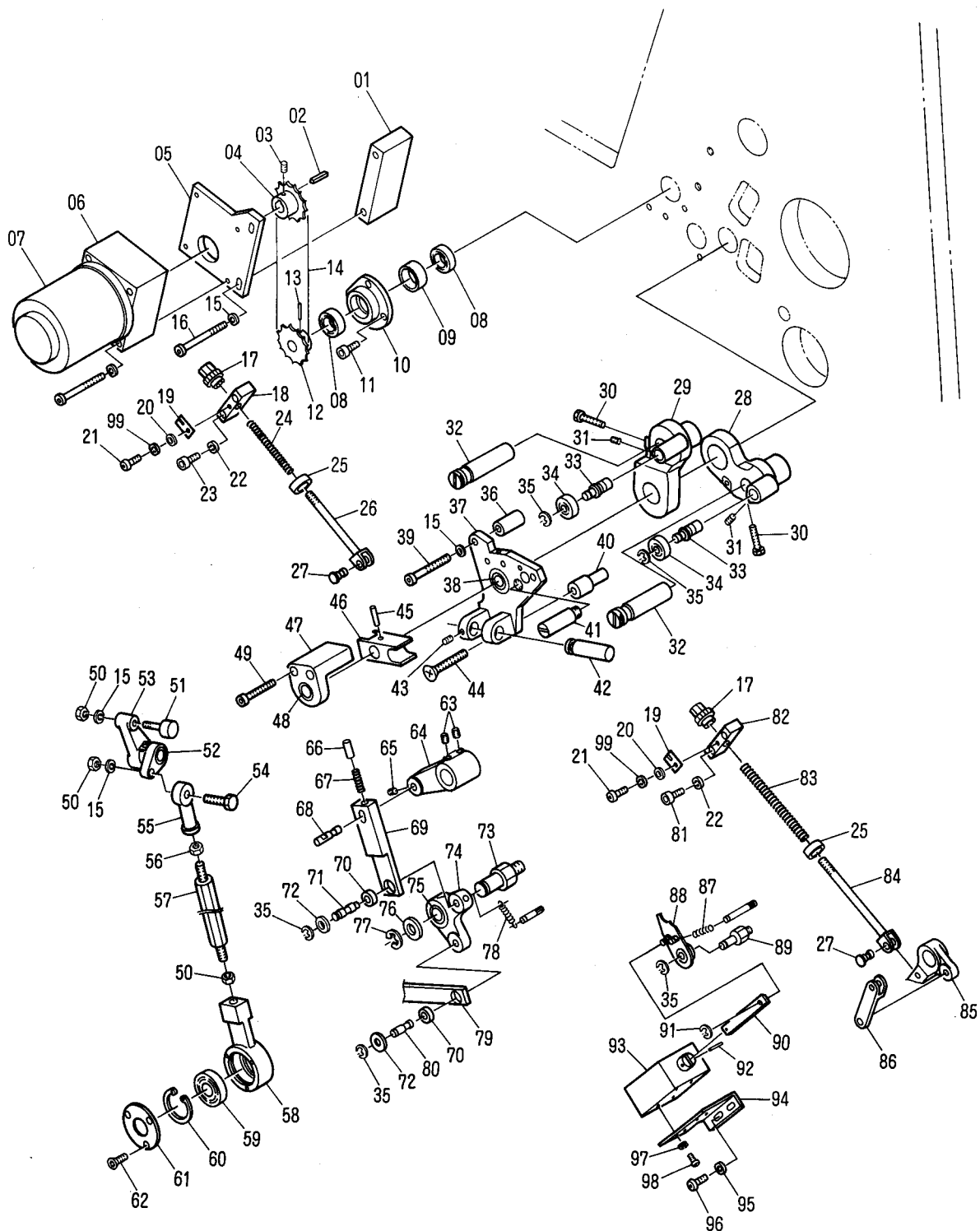
(2-P)

Dampening Section
Related Parts for NOP-Side Frame (2-P)

E2059

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	5803-11015	Bracket		1	1
02	188-015	Key		1	1
03	145-404	Set Screw		1	1
04	5803-11012	Sprocket		1	1
05	5803-11014	Motor Bracket		1	1
06	E06-11-3	Gear Head		1	1
07	E01-90-01-3	Dampening Fountain Motor		1	1
08	250-001.7	Bearing (Brg. 6001LLU)		2	2
09	5803-11011	Spacer		1	1
10	5803-11010	Bushing Bracket		1	1
11	117-365	Screw		3	3
12	5803-11009	Sprocket		1	1
13	183-186	Roll Pin		1	1
14	5803-11017	Chain		1	1
15	180-108	Lock Washer		6	6
16	117-487	Screw		2	2
17	5803-12143	Adjusting Knob		2	2
18	5803-12035	Support Bracket		1	1
19	5803-12037	Flat Spring		2	2
20	184-104	Flat Washer		2	2
21	125-655	Screw		2	2
22	180-106	Lock Washer		4	4
23	117-370	Screw		2	2
24	5803-12175	Spring (Upper)		1	1
25	5803-12032	Cap		2	2
26	5803-12142	Adjusting Shaft (Upper)		1	1
27	5803-12031	Pin		2	2
28	5803-12130	1st Form Roller Bracket		1	1
29	5803-12128	2nd Form Roller Bracket		1	1
30	101-380	Screw		2	2
31	145-358	Set Screw		2	2
32	5803-12161	Adjustment Pilot Bushing		2	2
33	5803-12110	Pin		2	2
34	250-128.6	Bearing (Brg. 628zz)		2	2
35	181-406	E-Ring		5	5
36	5803-12011	Spacer		2	2
37	5803-12091B	Bracket		1	1
38	5803-04124	Needle Bearing	Included in 37	2	2
39	117-485	Screw		2	2
40	5803-12062	Spacer		1	1
41	5803-12100	Guide Pin		1	1
42	5803-12024	Pin		1	1
43	145-356	Set Screw		1	1
44	122-800	Screw		1	1
45	183-206	Roll Pin		1	1
46	5803-12099	Guide		1	1
47	5803-12101A	Bracket		1	1
48	258-067	Needle Bearing (Brg. HMK1212)	Included in 47	1	1
49	117-383	Screw		2	2
50	170-108	Nut		3	3
51	258-650.3	Cam Follower (Brg. KR16XLL/CF6UU)		1	1
52	241-1212.2	Bushing	Included in 53	2	2
53	5803-12025A	Drive Lever		1	1
54	101-430	Screw		1	1
55	258-858.1	Drive Joint (PHS-8L)		1	1
56	R-236-01	Nut		1	1
57	5803-12088	Screw		1	1
58	5803-12022	Drive Joint		1	1
59	251-202	Bearing (Brg. 1202)		1	1
60	181-235	C-Ring		1	1
61	5803-12043	Plate		1	1
62	122-056	Screw		3	3
63	145-360	Set Screw		2	2
64	5803-12173	Ductor Lever		1	1
65	145-506	Set Screw		1	1
66	R11-89-3	Ductor Drive Link Pin		1	1
67	5803-12158	Spring		1	1
68	5803-12121	Pin		1	1
69	5803-12086A	Ductor Drive Link		1	1
70	5803-05011	Bushing	Included in 69, 79	2	2

NOP-Side

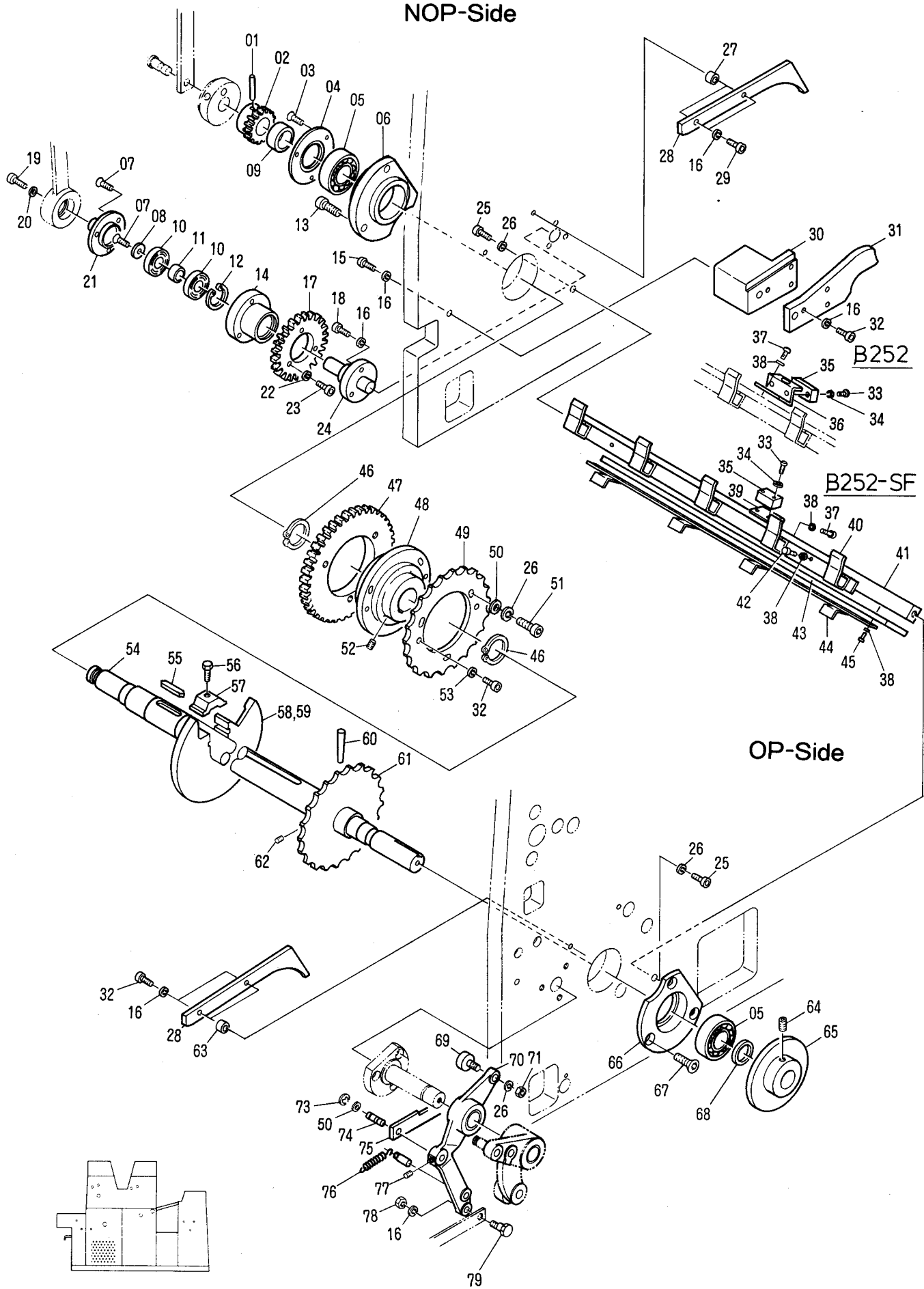


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NOP-Side

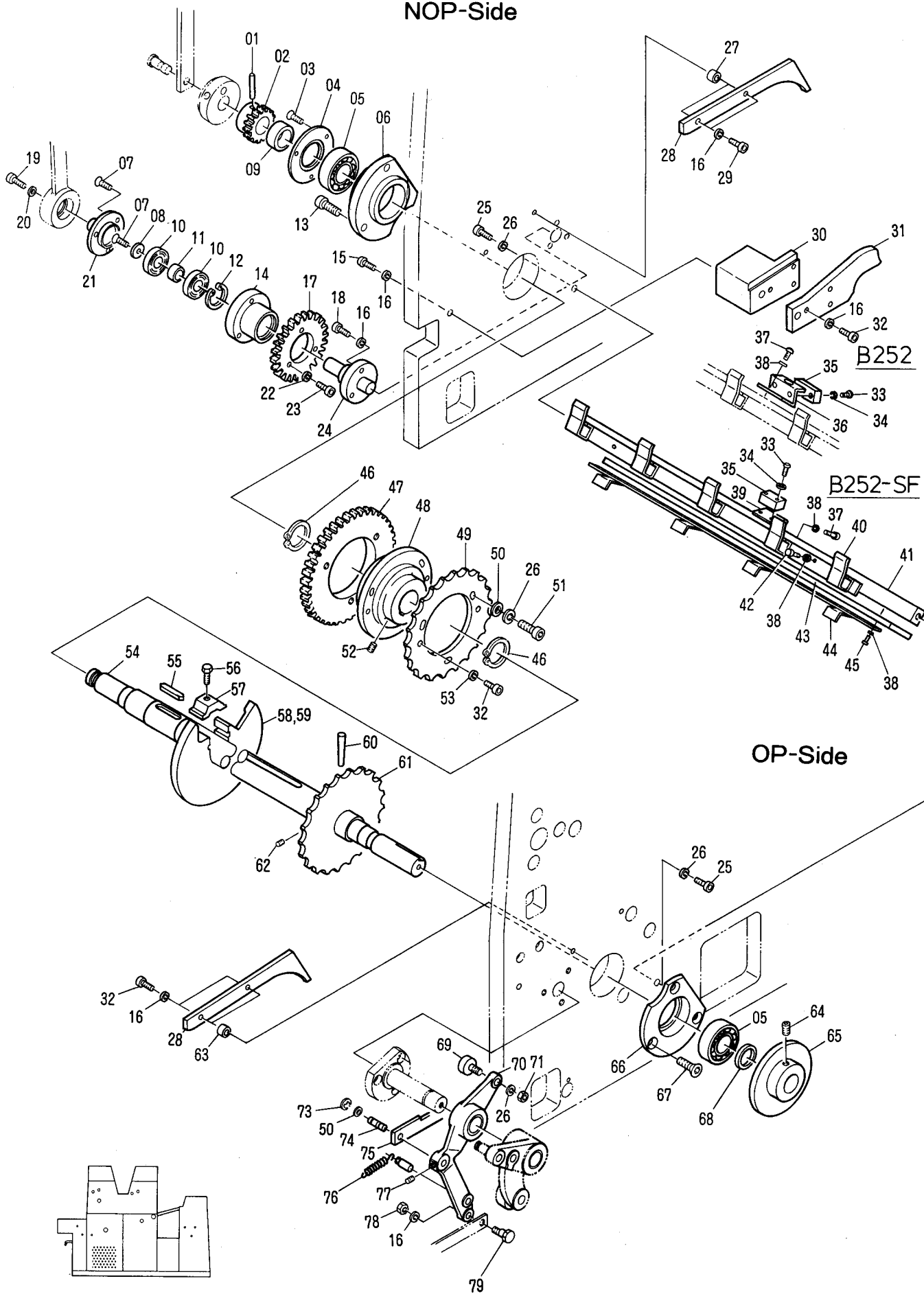


**Delivery Section
Delivery Drive Mechanism**

E2060

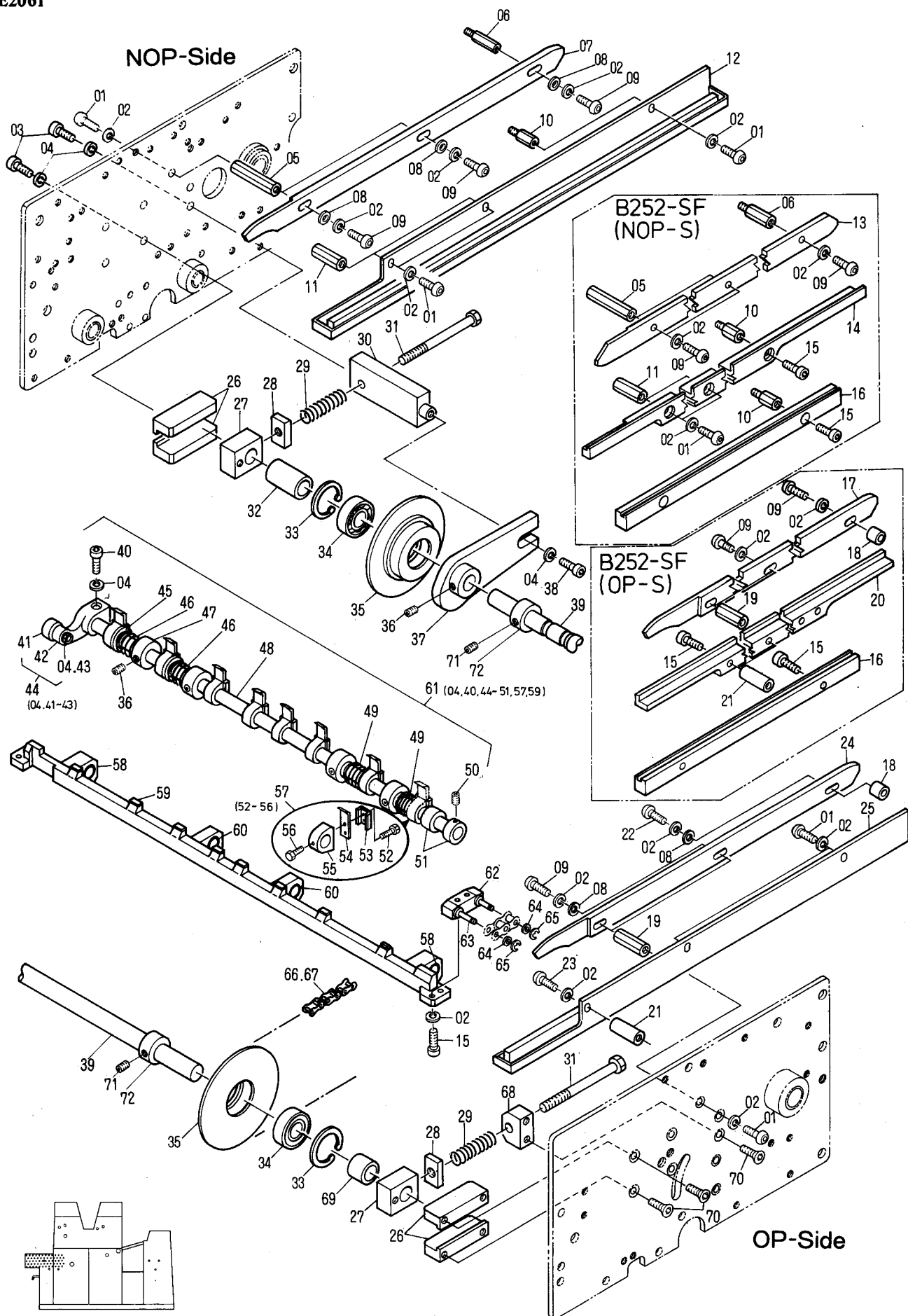
INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	183-231	Roll Pin		1	1
02	5804-02066	Gear		1	1
03	122-110	Screw		3	3
04	M23-57-3	Bearing Retainer		1	1
05	250-205.6	Bearing (Brg. 6205zz)	Included in 06, 66	2	2
06	5804-02068A	Drive Shaft Bushing Bracket	NOP-S	1	1
07	122-112	Screw		4	4
08	5803-12125	Washer		1	1
09	5804-02082	Spacer		1	1
10	250-002.6	Bearing (Brg. 6002zz)		2	2
11	5804-02083	Spacer		1	1
12	181-232	C-Ring		1	1
13	117-475	Screw		3	3
14	5804-02065	Flange		1	1
15	117-381	Screw		4	4
16	180-106	Lock Washer		15	15
17	5804-02067	Gear		1	1
18	117-375	Screw		3	3
19	117-362	Screw		1	1
20	184-156	Flat Washer		1	1
21	5803-12126	Flange		1	1
22	180-105	Lock Washer		3	3
23	117-520	Screw		3	3
24	5804-02064	Gear Stud		1	1
25	117-481	Screw		2	2
26	180-108	Lock Washer		6	6
27	5804-02043	Stud Pin		2	2
28	5804-02057	Guide Rail		2	2
29	117-380	Screw		2	2
30	5804-02056	Delivery Gripper Receiving Cam Bracket		1	1
31	5804-02058	Delivery Gripper Receiving Cam		1	1
32	117-365	Screw		7	7
33	125-615	Screw		4	4
34	180-103	Lock Washer		4	4
35	E26-64-3	Sensor (EX-D200E)		1	1
36	5804-01011	Sensor Bracket		1	0
37	125-660	Screw		4	4
38	180-104	Lock Washer		6	6
39	5804-01015	Sensor Bracket		0	1
40	5804-06017	Guide Plate		1	1
41	5804-01010	Spreader		1	1
42	117-412	Screw		2	2
43	E11-02-01-8	Anti-Static Bar		1	1
44	5804-06016	Guide Plate		1	1
45	117-425	Screw		2	2
46	181-032	C-Ring		2	2
47	5804-02078	Delivery Drive Gear		1	1
48	5804-02077	Flange		1	1
49	5804-02076	Chain Wheel	NOP-S	1	1
50	184-108	Flat Washer		4	4
51	117-480	Screw		3	3
52	145-358	Set Screw		1	1
53	184-106	Flat Washer		2	2
54	5804-02062	Drive Shaft		1	1
55	188-077	Key		1	1
56	101-466	Screw		4	4
57	5804-04030	Paper Guide Wheel Holder		4	4
58	5804-04028A	Paper Guide Wheel		4	4
59	5804-04029	Guide Wheel Tape	Included in 58	4	4
60	182-252	Taper Pin		1	1
61	5804-02075	Chain Wheel	OP-S	1	1
62	145-465	Set Screw		1	1
63	5804-02042	Spacer		2	2
64	145-460	Set Screw		1	1
65	5804-05046	Cam		1	1
66	5804-02094A	Drive Shaft Bushing Bracket	OP-S	1	1
67	122-770	Screw		3	3
68	5804-02081	Spacer		1	1
69	258-651.3	Cam Follower (Brg. KR19XLL/CF8UU)		1	1
70	5804-05037C	Cam Follower Lever	(26, 69 ~ 72)	1	1

NOP-Side



E2060

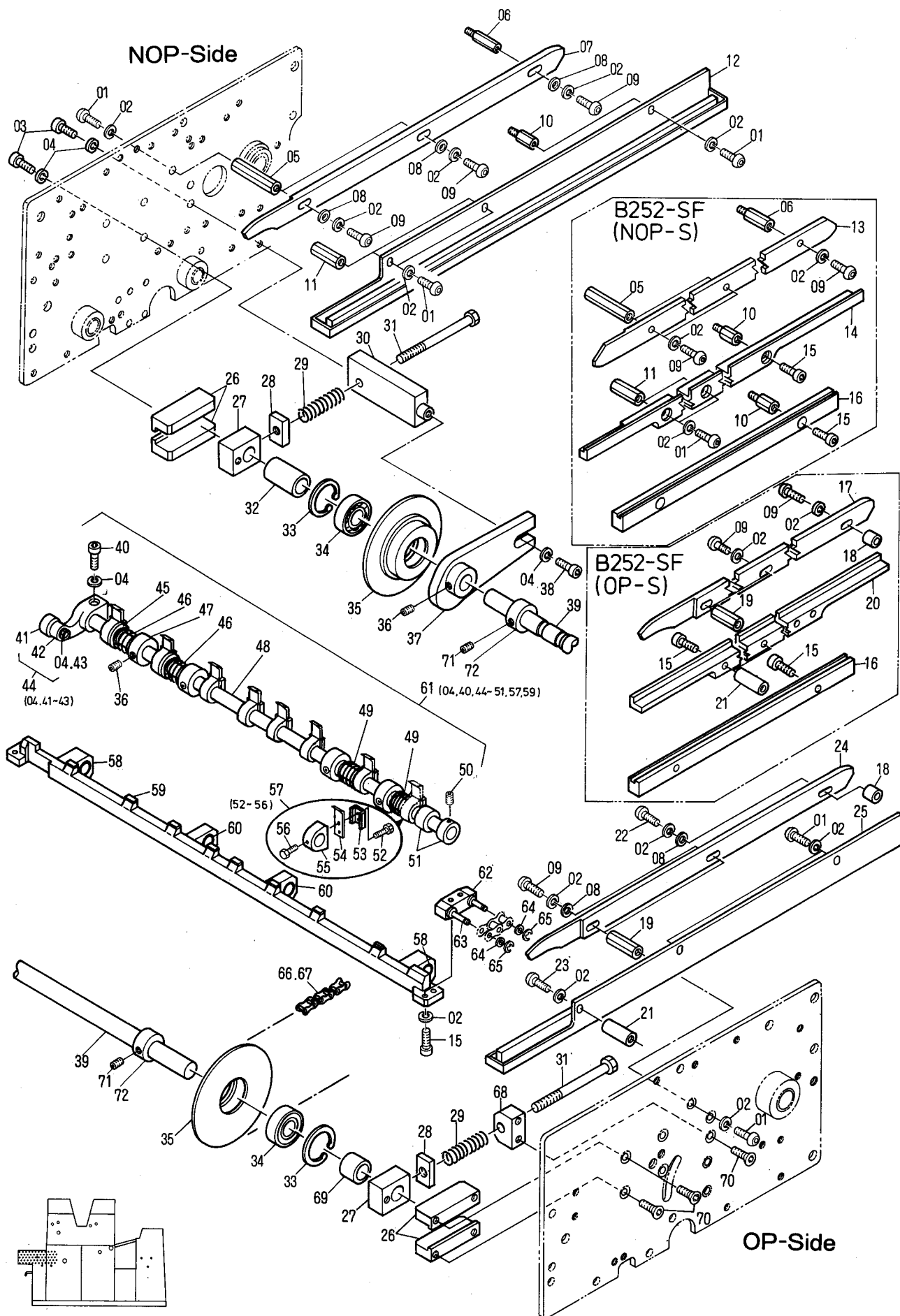
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Delivery Section
Chain Guide and Gripper Bar

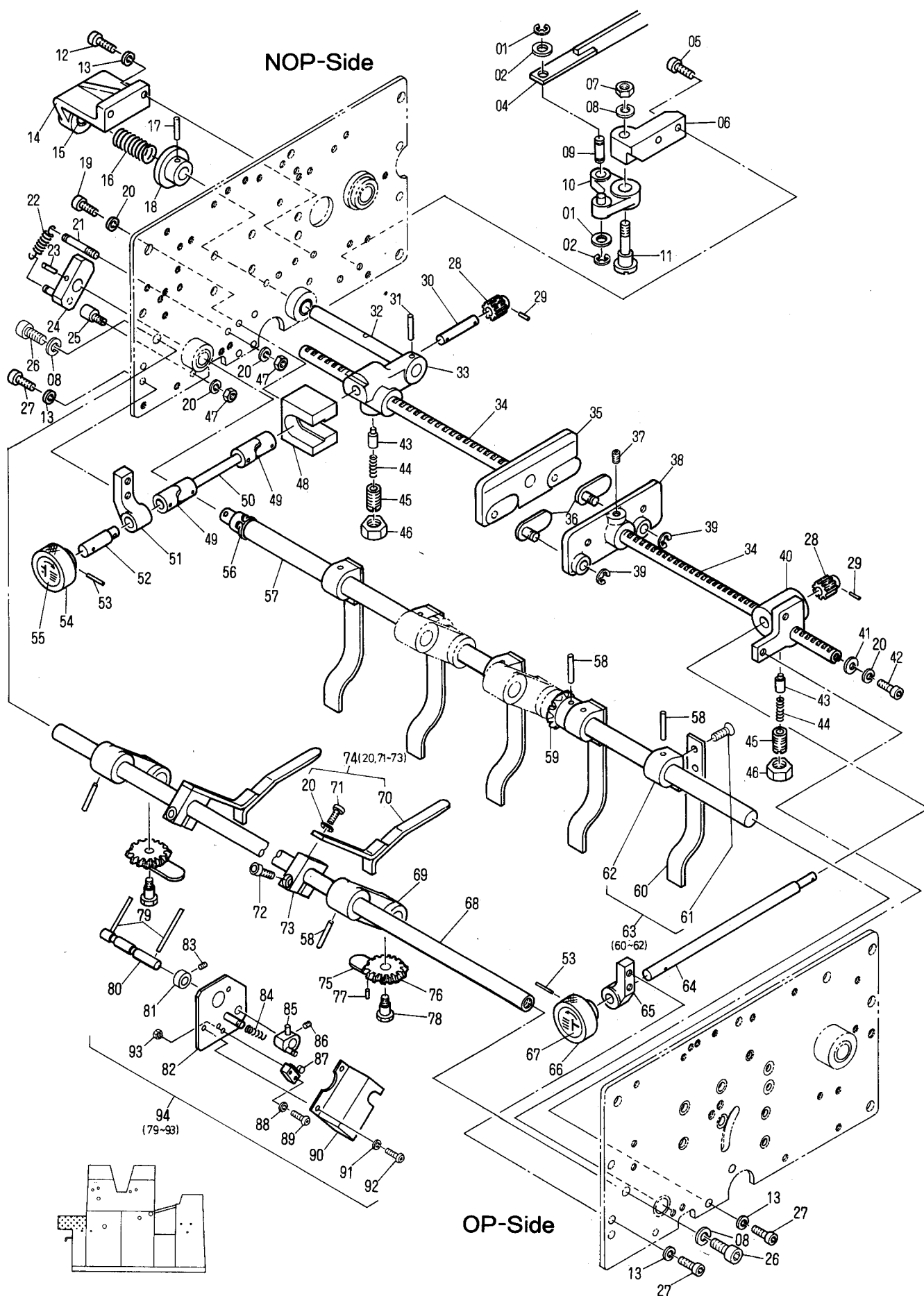
E2061

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	125-712	Screw		8	8
02	180-105	Lock Washer		30	30
03	117-365	Screw		6	6
04	180-106	Lock Washer		13	13
05	5804-02040	Stud		2	4
06	5804-02044	Stud		1	3
07	5804-02054	Chain Guide Rail		1	1
08	184-105	Flat Washer		6	6
09	125-715	Screw		10	10
10	5802-02045	Stud		1	2
11	5802-02038	Stud		2	2
12	5804-02035	Chain Guide Rail		1	0
13	5804-04042	Chain Guide Rail		0	1
14	5804-04086	Guide Rail		0	1
15	117-515	Screw		22	22
16	5804-04043	Guide Bracket		0	2
17	5804-04041	Chain Guide Rail		0	1
18	5804-02042	Spacer		1	2
19	5804-02039	Stud		2	4
20	5804-04044	Guide Rail		0	1
21	5804-02059	Stud		2	2
22	125-725	Screw		2	2
23	125-731	Screw		1	1
24	5804-02055	Chain Guide Rail		1	1
25	5804-02036	Chain Guide Rail		1	1
26	HC02-26	Slide Base		4	4
27	CH02-23	Driven Sprocket Shaft Pilot Block		2	2
28	HC02-36	Breather Adjustment Nut		2	2
29	A03-24-3	Spring		2	2
30	5804-02032	Bracket		1	1
31	A17-23-3	Breather Screw		2	2
32	5804-02015	Spacer		1	1
33	181-235	C-Ring		2	2
34	250-202.6	Bearing (Brg. 6202zz)	Included in 35	2	2
35	5804-02014A	Delivery Driven Sprocket		2	2
36	145-358	Set Screw		5	5
37	5804-02031	Gripper Release Cam		1	1
38	117-362	Screw		1	1
39	5804-02013	Driven Sprocket Shaft		1	1
40	117-370	Screw		3	3
41	258-650.3	Cam Follower (Brg. CF6UU/KR16XLL)		3	3
42	5804-02095	Gripper Operating Lever		3	3
43	170-106	Nut		3	3
44	5804-02095A	Gripper Operating Lever Assy (04, 41 ~ 43)		3	3
45	5804-02092	Spacer		12	12
46	5804-02090	Spring	NOP-S	6	6
47	5804-02091	Collar		12	12
48	5804-02085	Gripper Shaft		3	3
49	5804-02089	Spring	OP-S	6	6
50	145-506	Set Screw		6	6
51	152-28-3	Collar		6	6
52	101-510T	Screw		48	48
53	5804-02088	Gripper Finger Holder		24	24
54	5804-02086	Gripper Finger		24	24
55	5804-02087	Gripper Finger Bracket		24	24
56	101-358	Screw		24	24
57	5804-02086A	Gripper Finger Assy (52 ~ 56)		24	24
58	243-619	Bushing	Included in 59	6	6
59	5804-02084A	Gripper Bar		3	3
60	243-617	Bushing	Included in 59	6	6
61	5804-02084B	Gripper Bar Assy (04, 40, 44 ~ 51, 57, 59)		3	3
62	5804-02030A	Chain Joint Bracket		6	6
63	5804-02023	Pin		6	6
64	184-104	Flat Washer		12	12
65	181-403	E-Ring		12	12
66	5804-02029A	Chain	Including 62~65 OP-S	1	1
67	5804-02029B	Chain	Including 62~65 NOP-S	1	1
68	HC02-27	Bracket		1	1
69	KP-27	Spacer		1	1
70	122-162	Screw		6	6



E2061

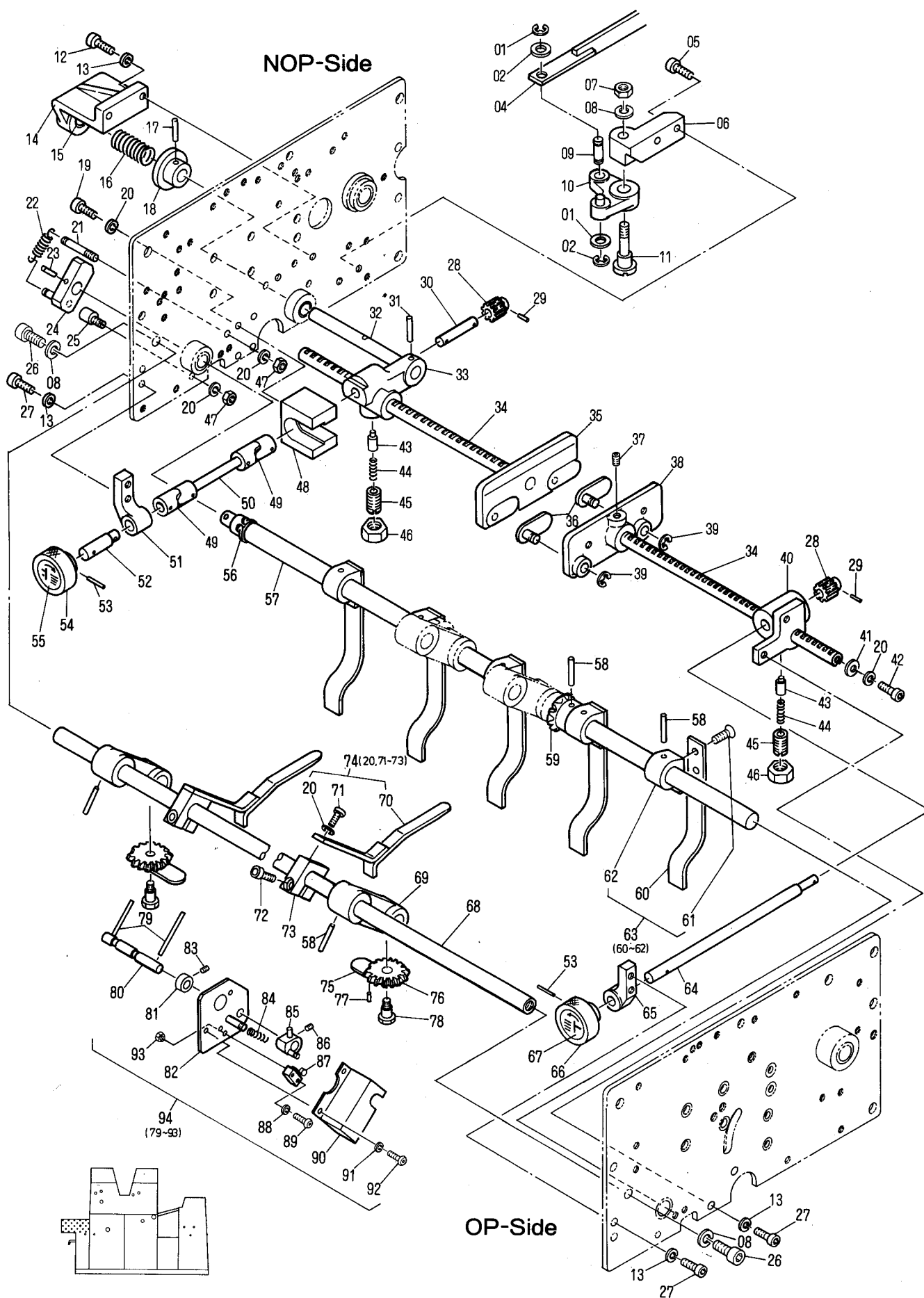
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**Delivery Section
Front Guide and Side Jogger**

E2062

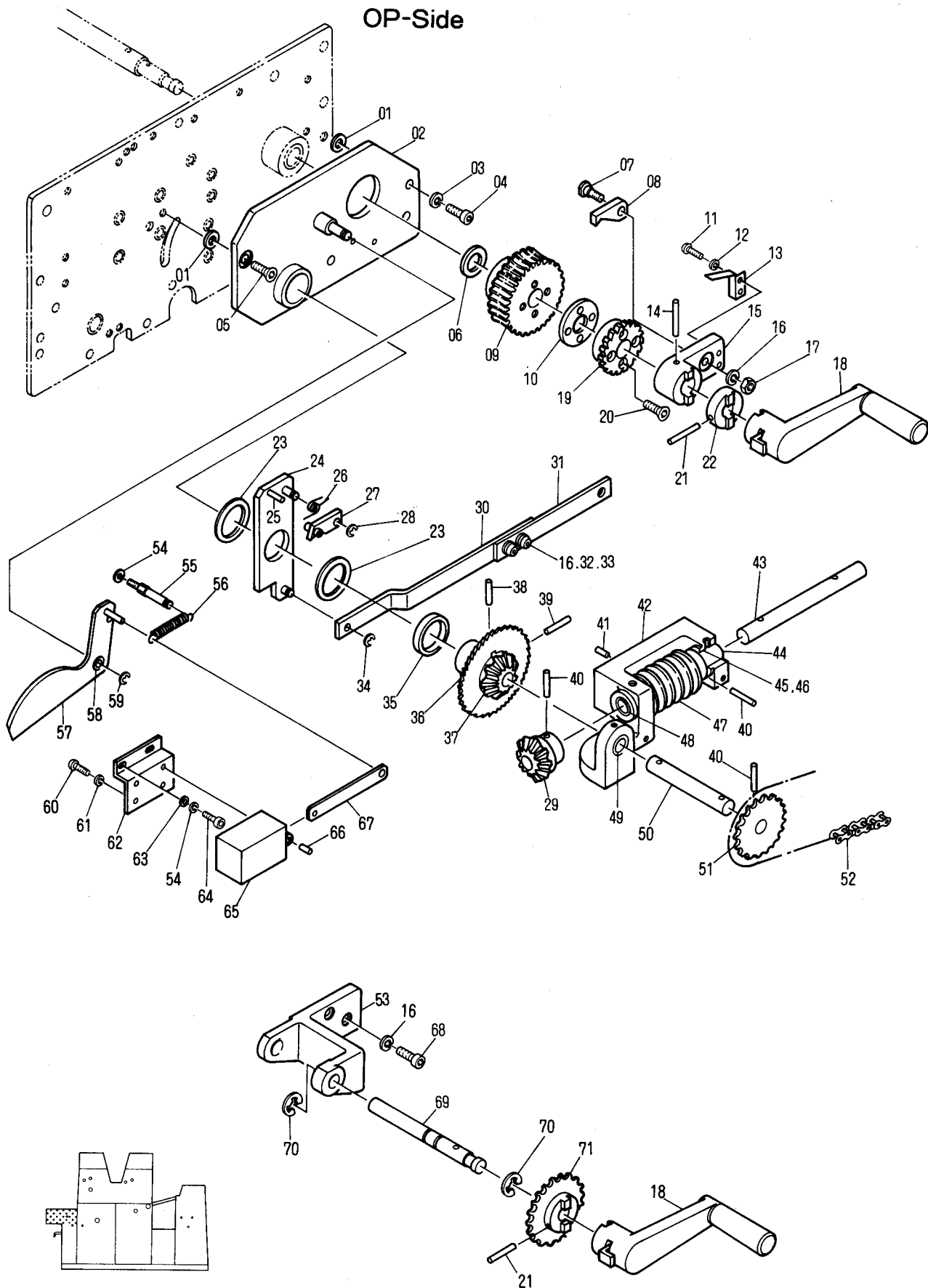
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				8252	8252SF
01	181-406	E-Ring		2	2
02	184-108	Flat Washer		2	2
03					
04	5804-03037	Link		1	1
05	117-365	Screw		2	2
06	5804-03027	Bracket		1	1
07	170-108	Nut		1	1
08	180-108	Lock Washer		3	3
09	5804-03025	Pin		1	1
10	5804-03014A	Delivery Guide Operating Lever		1	1
11	5804-03026	Shoulder Screw		1	1
12	117-368	Screw		2	2
13	180-106	Lock Washer		8	8
14	5804-03016A	Bracket		1	1
15	M22-78-3	Bushing	Included in 14	2	2
16	5804-03024	Spring		1	1
17	183-206	Roll Pin		1	1
18	5804-03028	Delivery Guide Drive Cam		1	1
19	117-515	Screw		4	4
20	180-105	Lock Washer		16	16
21	H30-15-3	Pin		1	1
22	A14-09-3	Spring		1	1
23	183-186	Roll Pin		1	1
24	5804-03032A	Front Guide Shaft Lever		1	1
25	H07-30-3	Eccentric Pin		1	1
26	117-465	Screw		2	2
27	117-362	Screw		6	6
28	DJ-46	Jogger Pinion Gear		2	2
29	183-151	Roll Pin		2	2
30	5804-03022	Shaft		1	1
31	183-207	Roll Pin		1	1
32	5804-03017	Shaft		1	1
33	5804-03012	Side Guide Bracket	NOP-S	1	1
34	5804-03015	Jogger Rack		2	2
35	5804-03008	Side Jogger	NOP-S	1	1
36	DJ-60-1A	Guide Piece		4	4
37	145-362	Set Screw		2	2
38	5804-03009	Side Jogger	OP-S	1	1
39	181-406	E-Ring		4	4
40	5804-03010	Side Guide Bracket	OP-S	1	1
41	H37-26-3	Spacer		2	2
42	117-508	Screw		2	2
43	DJ-64-1	Jogger Snubber		2	2
44	I18-62-3	Spring		2	2
45	DJ-66-1	Snubber Case		2	2
46	170-112.3	Nut		2	2
47	170-105	Nut		2	2
47	5804-03013	Block		1	1
49	A05-09-3	Universal Joint		2	2
50	5804-03021	Side Jogger Shaft	NOP-S	1	1
51	5804-03020	Adjusting Bracket for Side Jogger	NOP-S	1	1
52	5804-03023	Shaft		1	1
53	183-185	Roll Pin		2	2
54	DJ-55-1B	Handle	NOP-S	1	1
55	CI-62-01	Name Plate	Included in 54	1	1
56	181-016	C-Ring		1	1
57	5804-03001	Front Guide Shaft		1	1
58	183-208	Roll Pin		9	9
59	5804-03030	Bevel Gear		2	2
60	5804-03007	Front Guide		5	5
61	122-110	Screw		10	10
62	5804-03005	Front Guide Bracket		5	5
63	5804-03007A	Front Guide Assy	(60 ~ 62)	5	5
64	5804-03011	Side Jogger Shaft	OP-S	1	1
65	5804-03019	Adjusting Bracket for Side Jogger	OP-S	1	1
66	DJ-55-1A	Handle	OP-S	1	1
67	CI-62	Name Plate	Included in 66	1	1
68	5804-03002	Paper Stripper Shaft		1	1
69	5804-03003	Bracket		2	2
70	5804-03006	Paper Stripper		4	4



E2062

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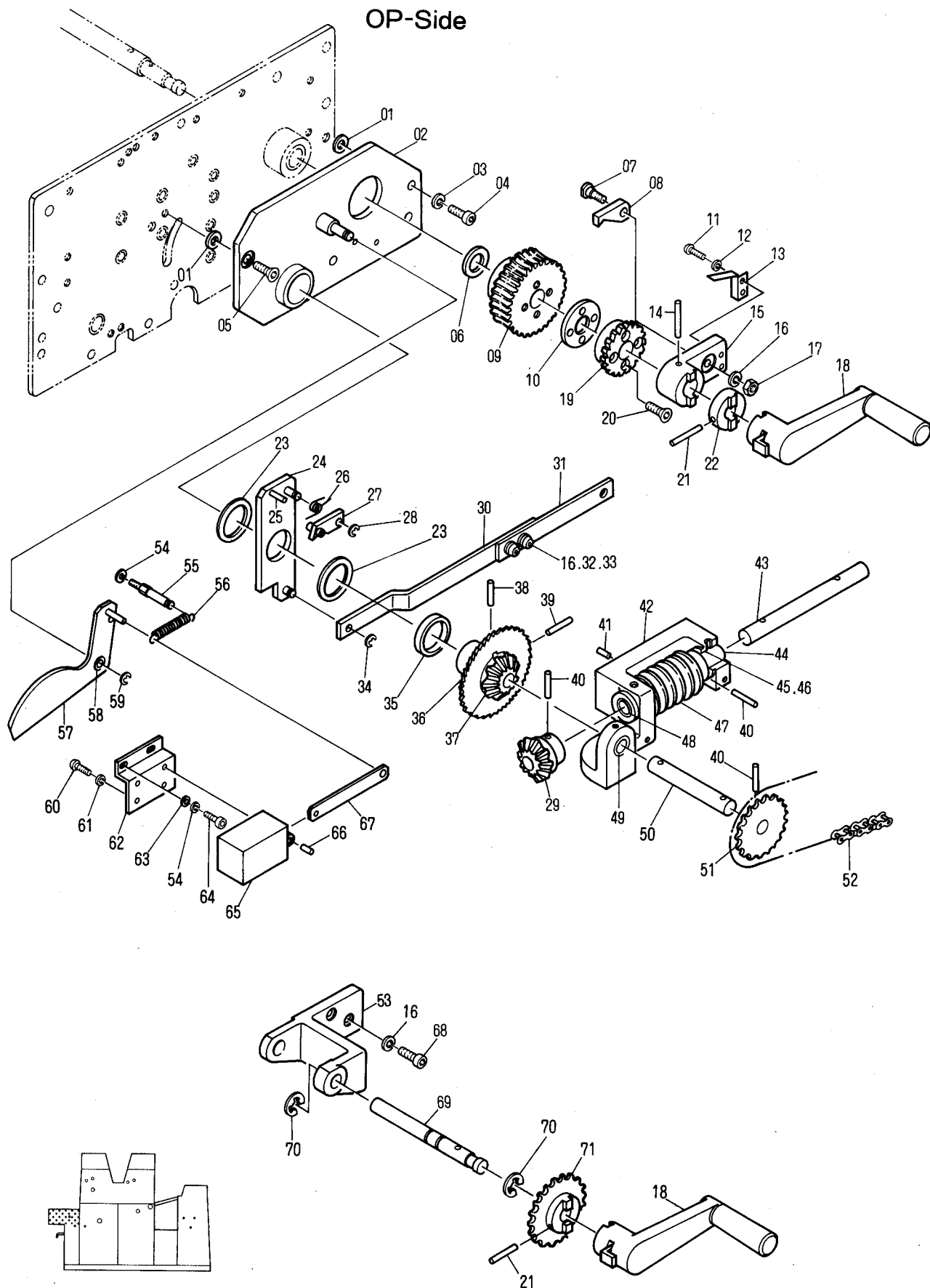
OP-Side



Delivery Section
Related Parts for Delivery Pile Ratchet Plate

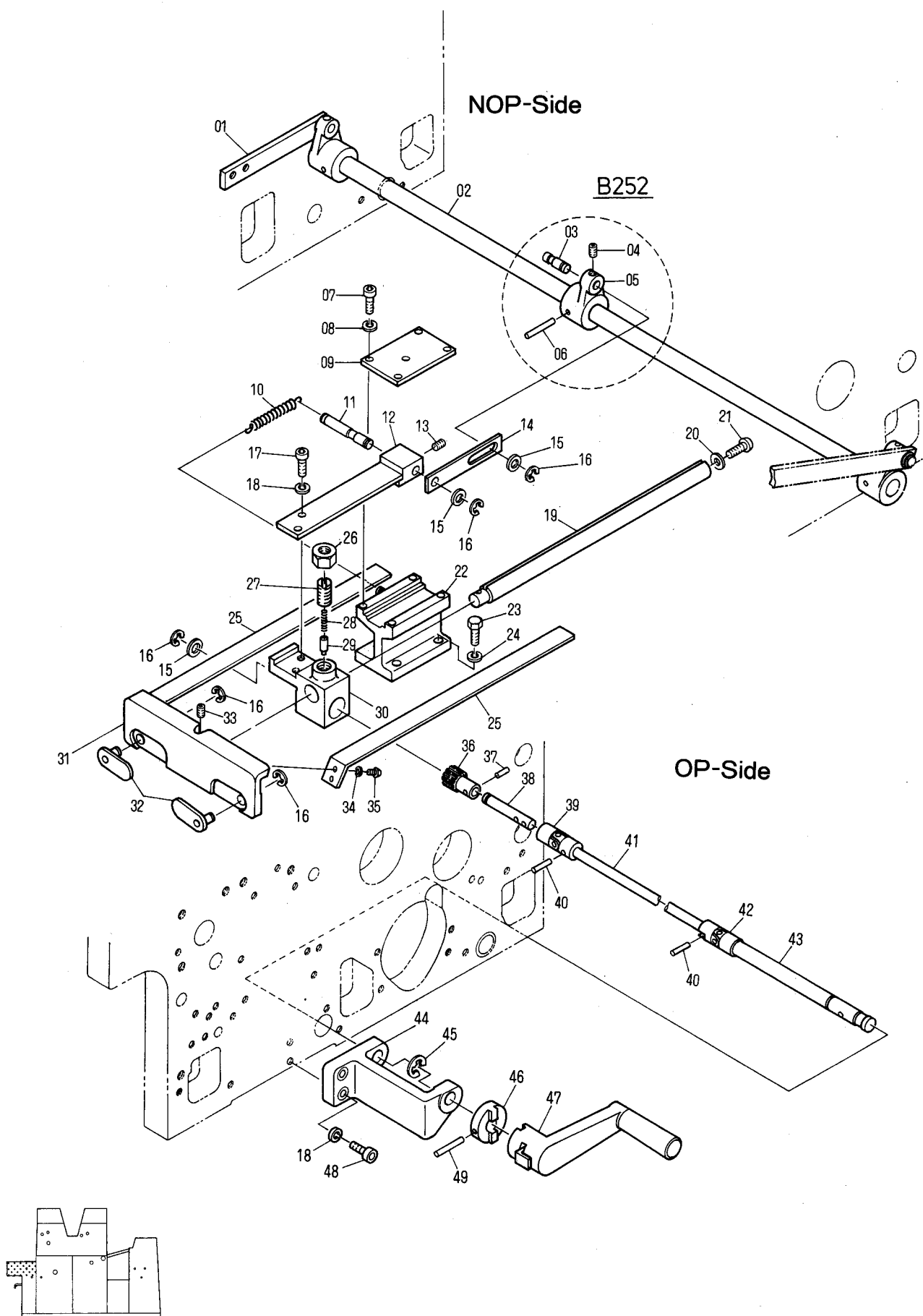
E2063

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	I27-42-3	Spacer		2	2
02	5104-05034A	Ratchet Plate		1	1
03	180-108	Lock Washer		1	1
04	117-465	Screw		1	1
05	122-765	Screw		3	3
06	X16-93-3	Spacer		1	1
07	EA02-04	Shoulder Screw		1	1
08	EA02-03	Drive Pawl		1	1
09	5104-05005	Worm Gear		1	1
10	5104-05027	Spacer		1	1
11	125-656	Screw		2	2
12	180-104	Lock Washer		2	2
13	EA02-06	Plate Spring		1	1
14	183-210	Roll Pin		1	1
15	EA02-05	Crank Handle Coupling Lever		1	1
16	180-106	Lock Washer		5	5
17	170-106	Nut		1	1
18	5104-05030A	Crank Handle		1	1
19	EA02-02	Ratchet Wheel		1	1
20	122-125	Screw		4	4
21	183-209	Roll Pin		2	2
22	A02-12-3	Crank Handle Coupling		2	2
23	A02-27-3	Spacer		2	2
24	5804-05007A	Drive Pawl Bracket		1	1
25	183-185	Roll Pin		1	1
26	A02-26-3	Spring		1	1
27	5104-05012A	Drive Pawl		1	1
28	181-405	E-Ring		1	1
29	A02-46-3	Bevel Gear			
30	5804-05031	Ratchet Drive Link		1	1
31	5804-05032	Link		1	1
32	184-106	Flat Washer		2	2
33	125-765	Screw		2	2
34	181-404	E-Ring		1	1
35	5104-05035	Spacer		1	1
36	A02-17-3	Ratchet Wheel		1	1
37	A02-14-1A-3	Bevel Gear		1	1
38	183-179	Roll Pin		1	1
39	183-206	Roll Pin		1	1
40	183-207	Roll Pin		3	3
41	183-201	Roll Pin		2	2
42	5804-05002A	Worm Bracket		1	1
43	5104-05008	Worm Shaft		1	1
44	A03-31-3	Bushing	Included in 42	1	1
45	258-351.1	Plate for Needle Bearing (Brg. AS1101)		2	2
46	258-351	Needle Bearing (Brg. AXK1101)		1	1
47	5104-05006	Worm		1	1
48	A02-10-3	Bushing	Included in 42	1	1
49	A02-08-3	Bushing	Included in 42	1	1
50	5804-05004	Shaft		1	1
51	5804-05022	Chain Sprocket		1	1
52	5804-05024	Chain		1	1
53	5804-05036	Bracket		1	1
54	180-105	Lock Washer		3	3
55	5804-05028	Spring Pin		1	1
56	R11-60-01-3	Spring		1	1
57	5104-05014B	Ratchet Release Lever (Auto)		1	1
58	243-610	Bushing	Included in 57	1	1
59	181-406	E-Ring		1	1
60	125-606	Screw		4	4
61	180-103	Lock Washer		4	4
62	5104-05025	Solenoid Bracket		1	1
63	184-105	Flat Washer		2	2
64	117-510	Screw		2	2
65	E09-25-3	Solenoid (SD12M, 72Ω)		1	1
66	183-182	Roll Pin		1	1
67	5804-05049	Solenoid Link		1	1
68	117-370	Screw		2	2
69	5804-05030	Handle Shaft		1	1
70	181-410	E-Ring		2	2



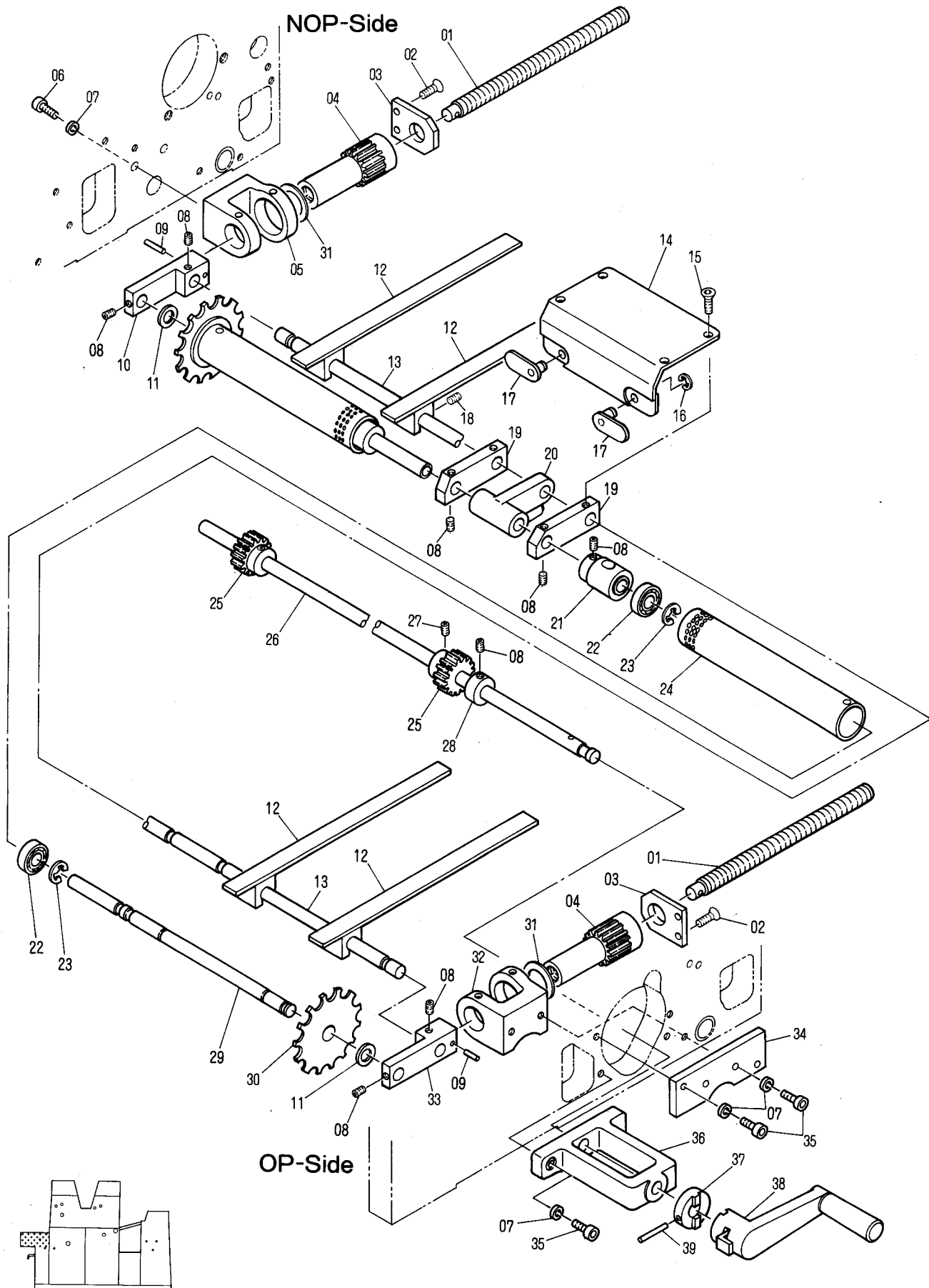
E2063

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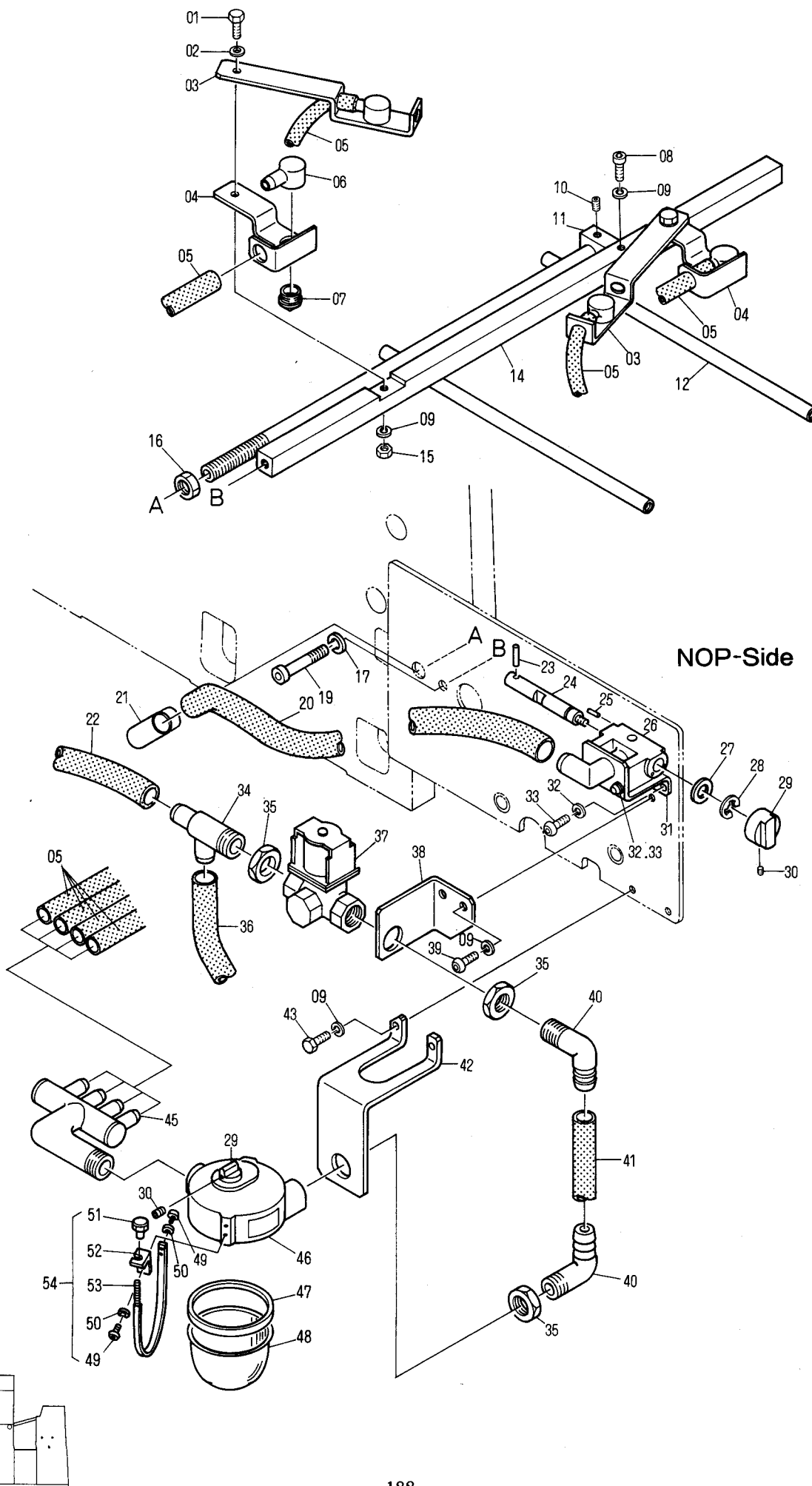
E2064

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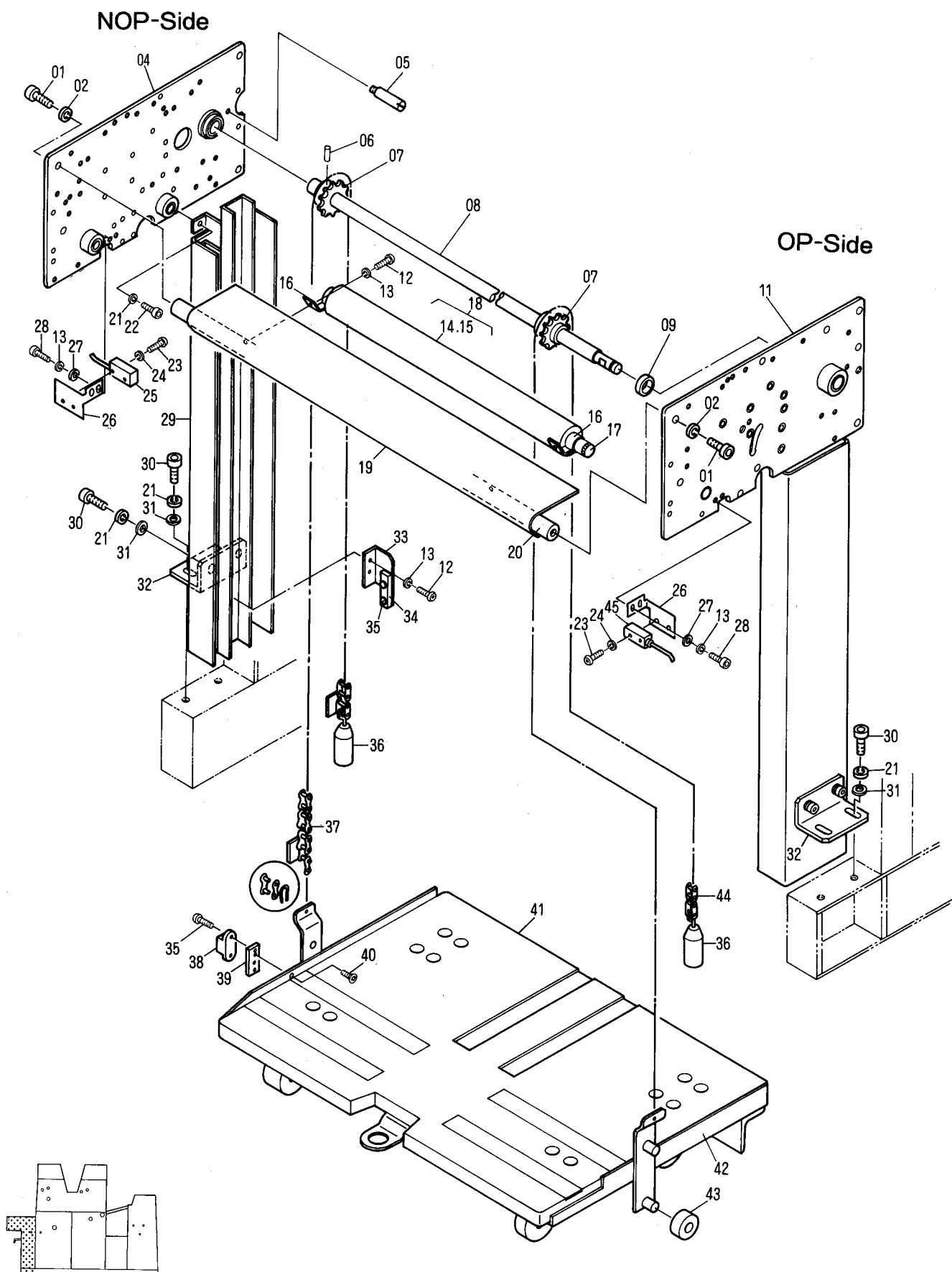
E2065

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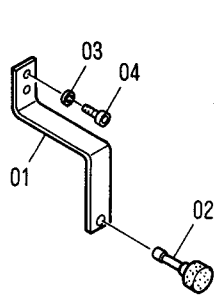


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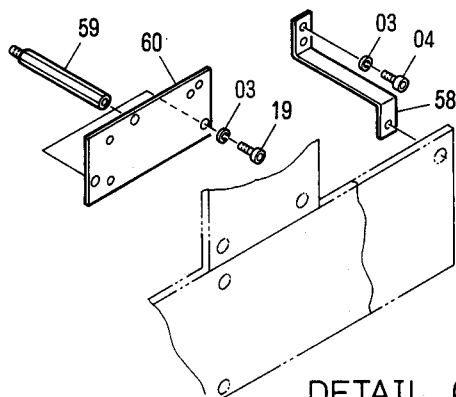
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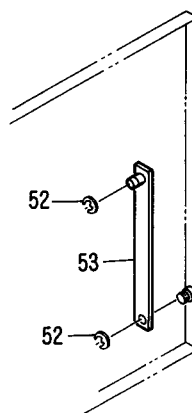
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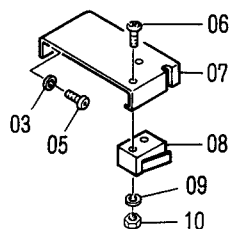
DETAIL A



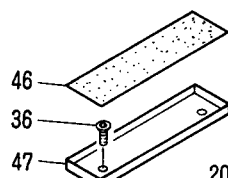
DETAIL C



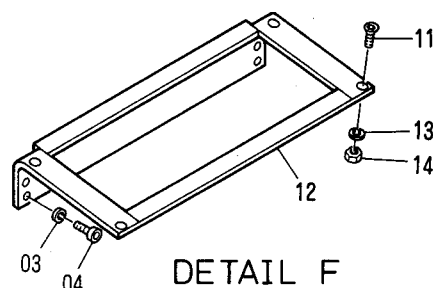
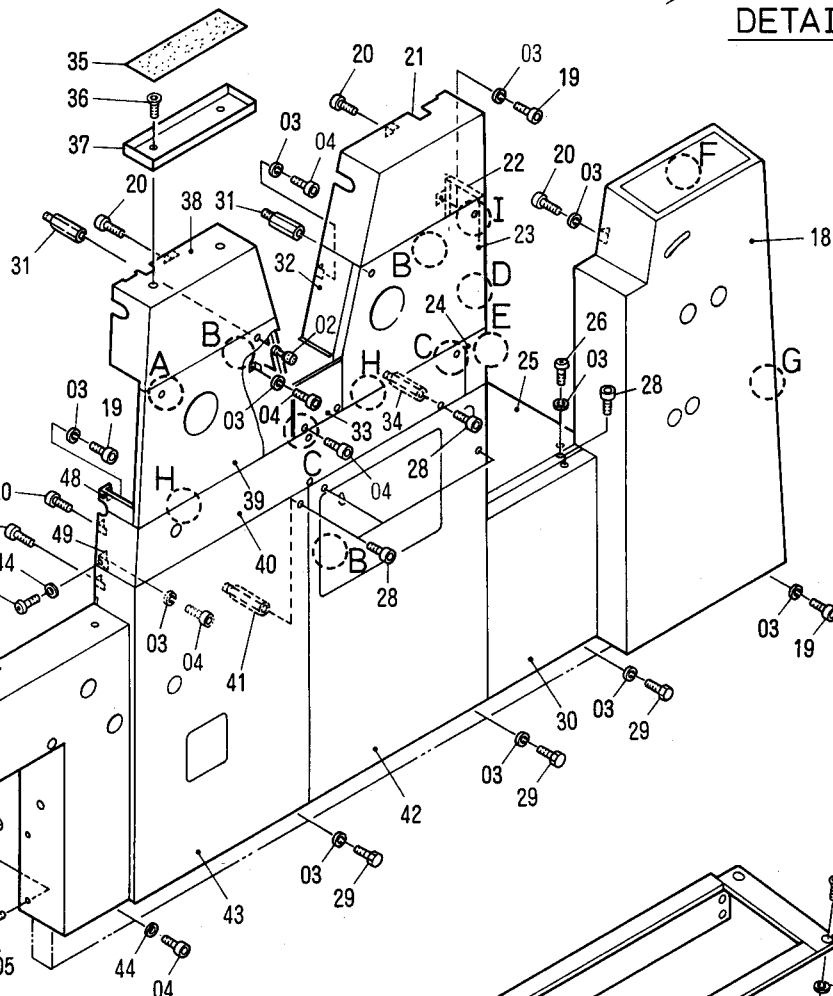
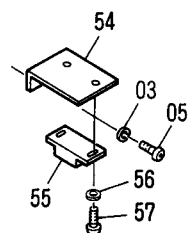
DETAIL D



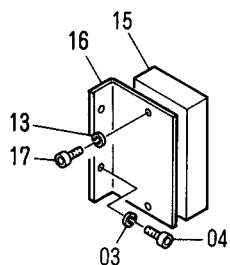
DETAIL B



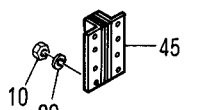
DETAIL E



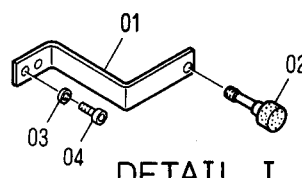
DETAIL F



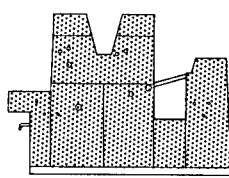
DETAIL G



DETAIL H



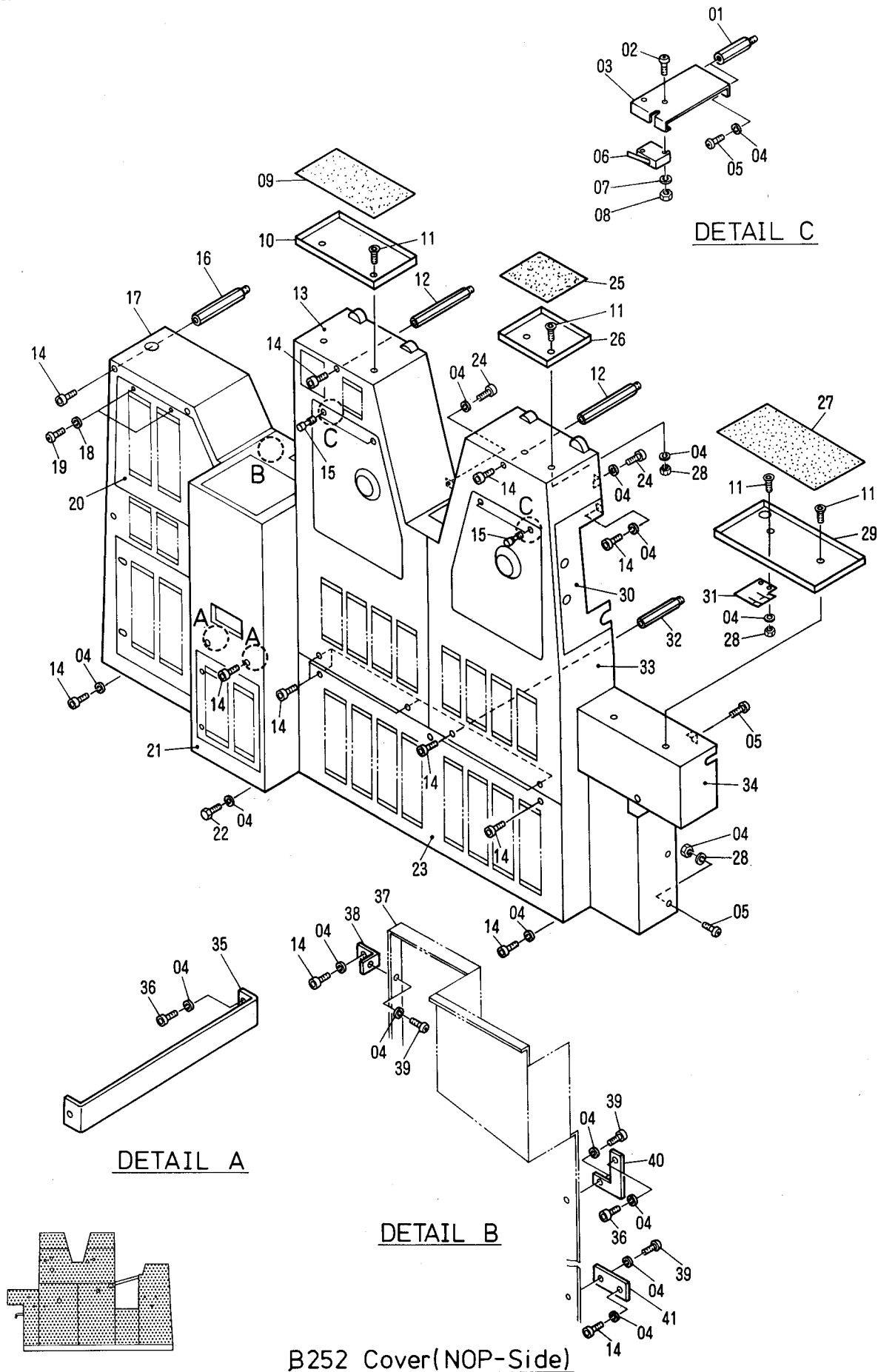
DETAIL I



B252 Cover(OP-Side)

E2068

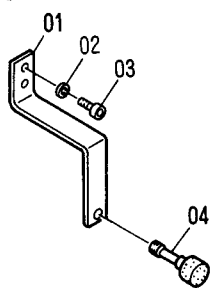
— 193 —



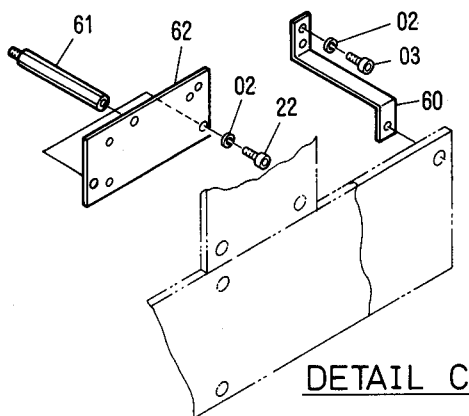
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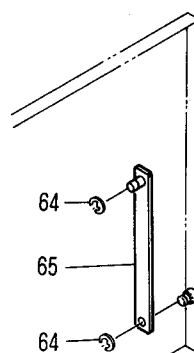
E2070



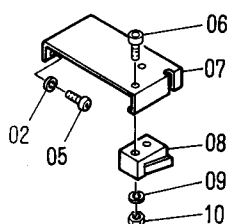
DETAIL A



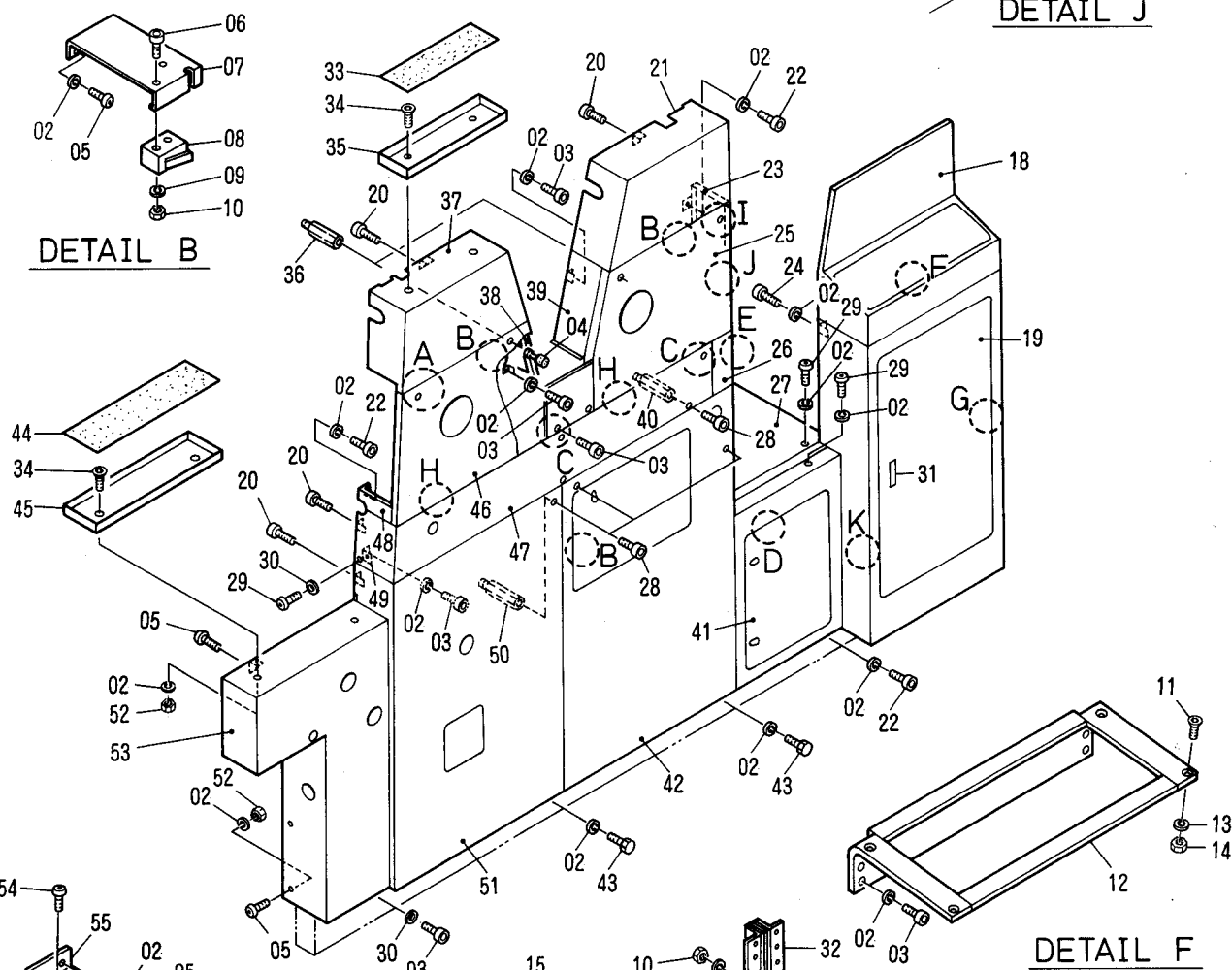
DETAIL C



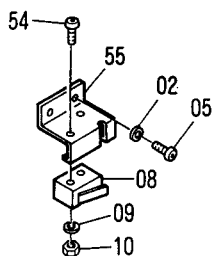
DETAIL J



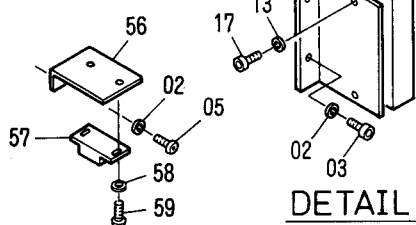
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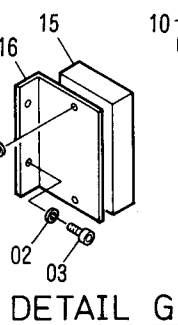
DETAIL F



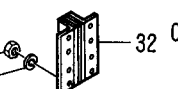
DETAIL D



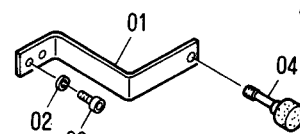
DETAIL E



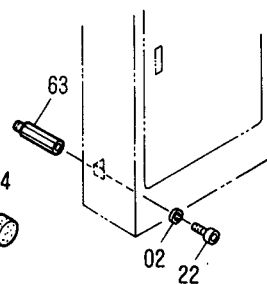
DETAIL G



DETAIL H



DETAIL I

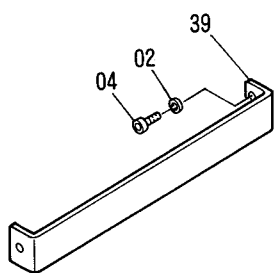


DETAIL K

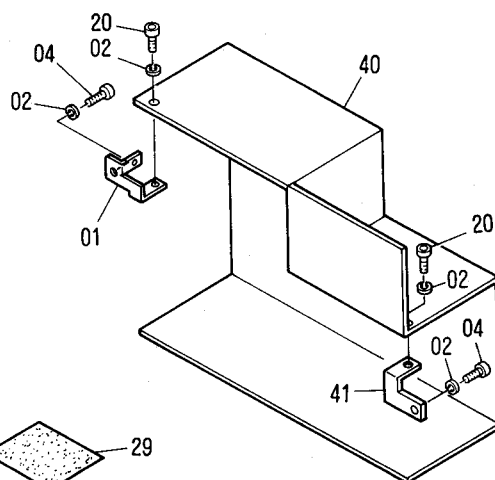
B252-SF Cover(OP-Side)

E2070

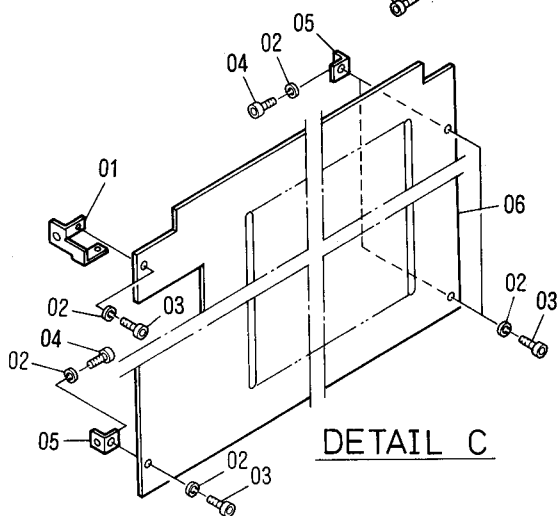
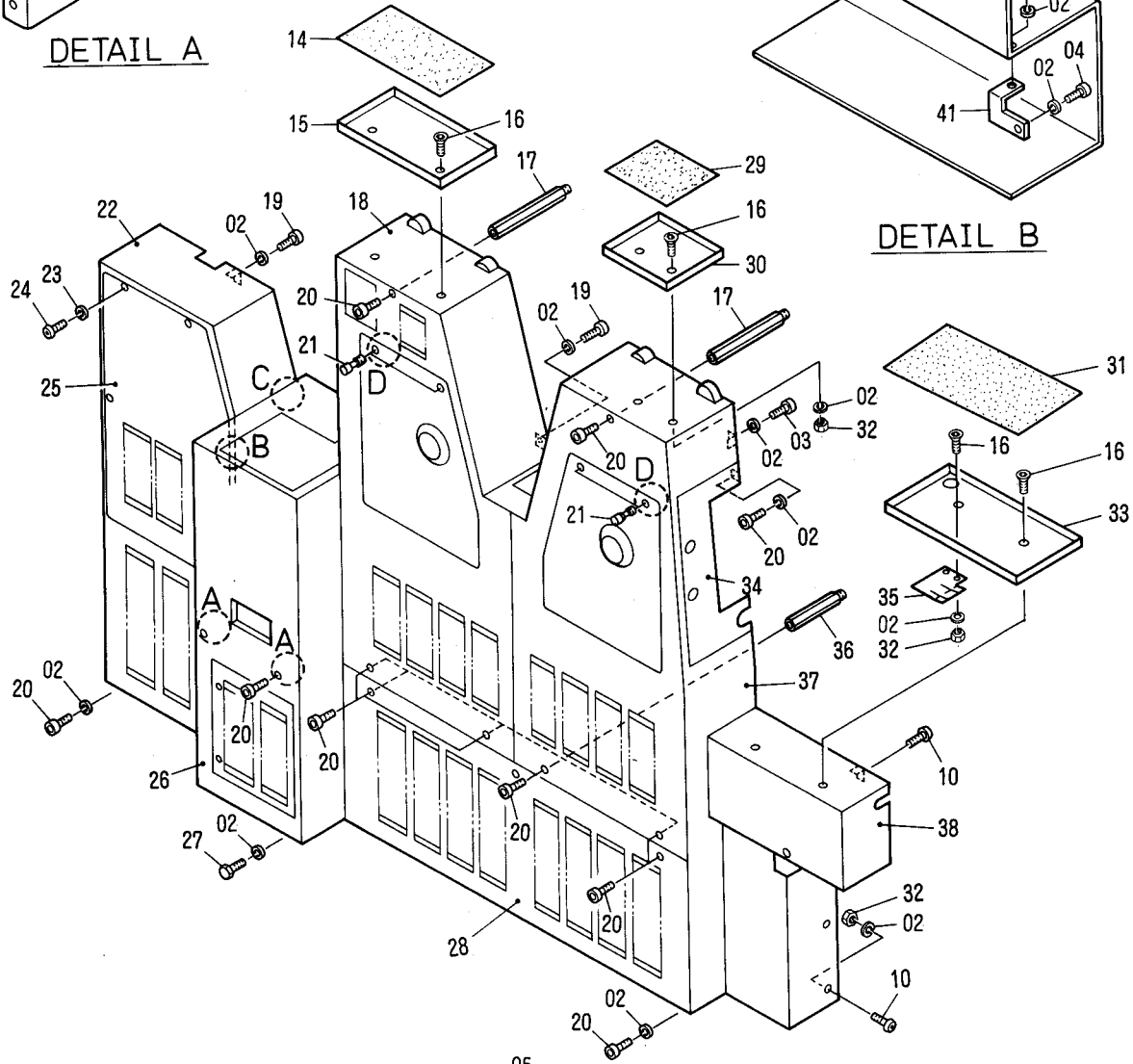
- 197 -



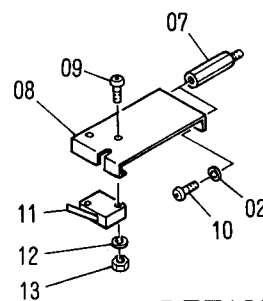
DETAIL A



DETAIL B



DETAIL C

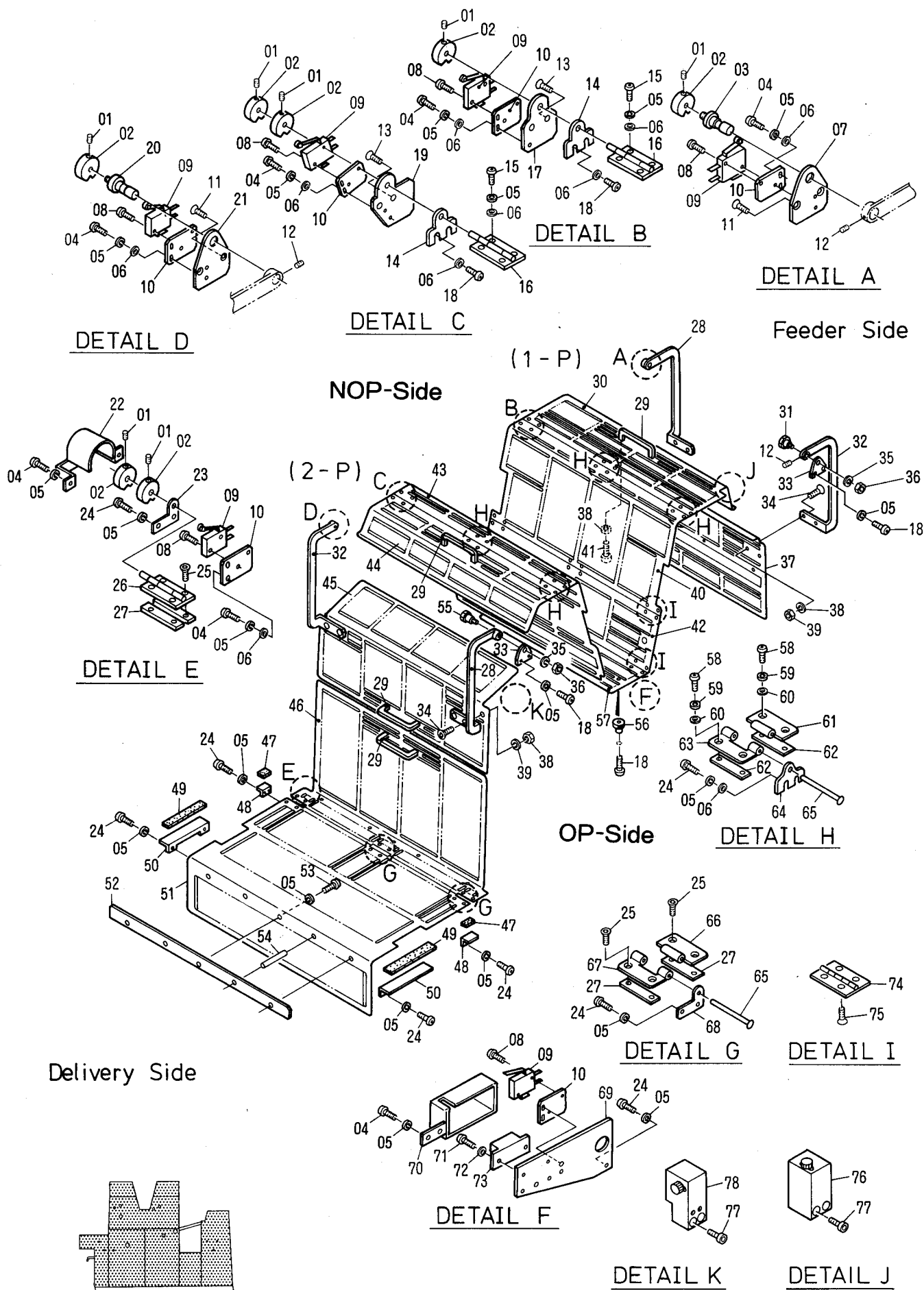


DETAIL D

B252-SF Cover(NOP-Side)

E2071

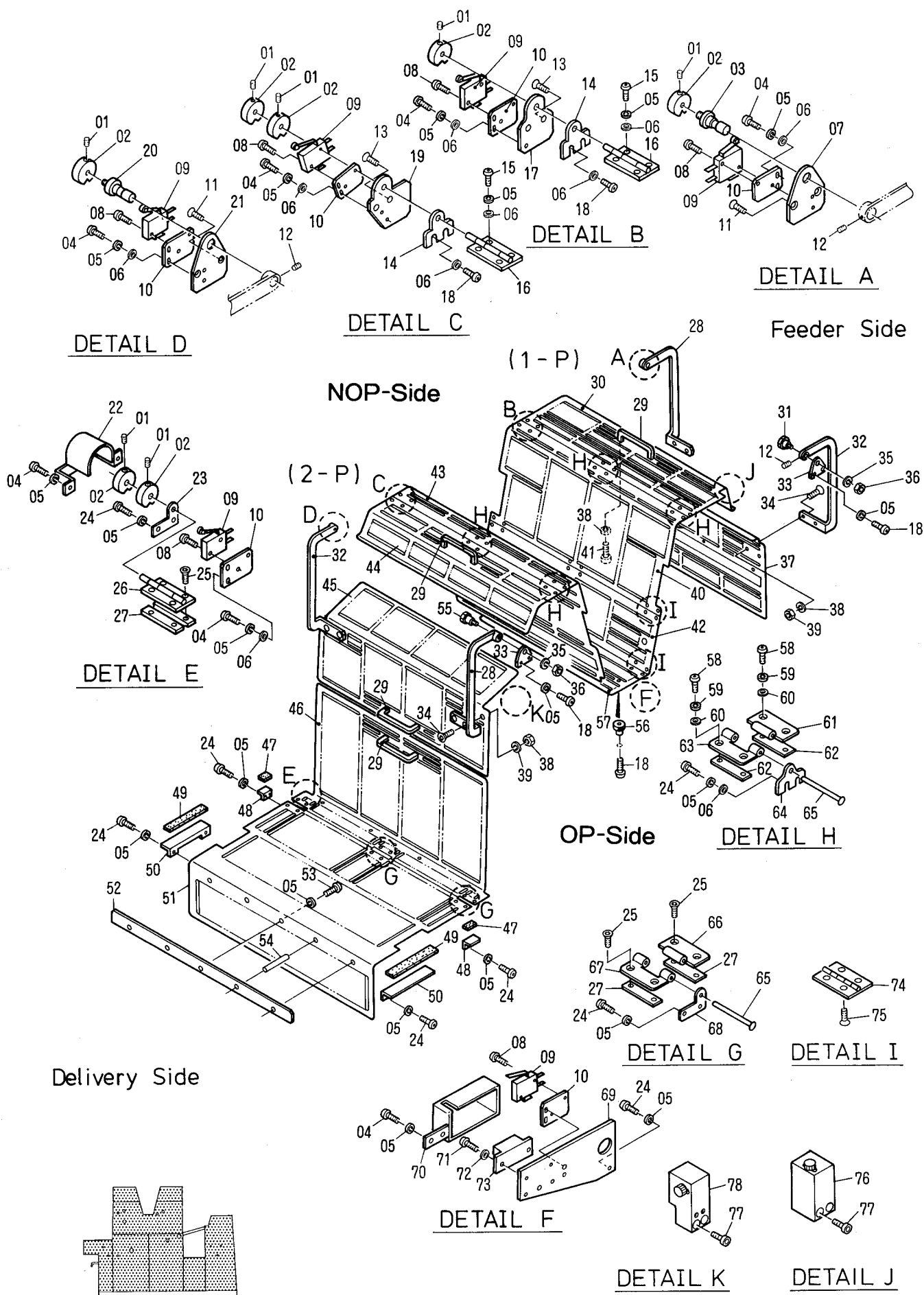
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Cover

E2072

INDEX No.	Parts No.	Description	Remarks	Unit Per Assy	
				β252	β252SF
01	145-408	Set Screw		7	7
02	CK13-26	Limit Switch Operating Cam		7	7
03	5805-02399	Pin		1	1
04	125-708	Screw		13	13
05	180-105	Lock Washer		45	45
06	184-105	Flat Washer		23	23
07	5805-02386	Limit Switch Bracket		1	1
08	125-612	Screw		12	12
09	E10-29-3	Limit Switch (V-10FL22-1C2)		6	6
10	5805-02389	Limit Switch Base		6	6
11	122-110	Screw		4	4
12	145-505	Set Screw		3	3
13	122-162	Screw		4	4
14	4807-21021	Hinge Bracket		2	2
15	125-715	Screw		9	9
16	5805-02407A	Hinge		2	2
17	5805-02387	Hinge Bracket		1	1
18	125-712	Screw		10	10
19	5805-02388	Hinge Bracket		1	1
20	5805-02400	Pin		1	1
21	5805-02385	Hinge Bracket		1	1
22	5805-02401	Cover		1	1
23	5805-02393	Hinge Bracket		1	1
24	125-710	Screw		16	16
25	122-056	Screw		12	12
26	4807-21025A	Hinge		1	1
27	4807-21006	Nut		6	6
28	5805-02318	Lever		2	2
29	5103-09136	Handle		6	6
30	5805-02276	Cover		1	1
31	5805-02254	Shoulder Screw		1	1
32	5805-02317	Lever		2	2
33	5805-02255	Hinge Bracket		2	2
34	122-165.01	Screw		8	8
35	180-108.01	Lock Washer		2	2
36	170-508	Nut		2	2
37	5805-02275	Cover		1	1
38	180-106.01	Lock Washer		20	20
39	170-106.01	Nut		8	8
40	5805-02277	Cover		1	1
41	117-360.01	Screw		12	12
42	5805-02278	Cover		1	1
43	5805-02280	Cover		1	1
44	5805-02281	Cover		1	1
45	5805-02282	Cover		1	1
46	5805-02284	Cover		1	1
47	5805-02380	Cushion		2	2
48	5805-02377	Bracket		2	2
49	5805-02379	Cushion		2	2
50	5805-02376	Bracket		2	2
51	5805-02285	Cover		1	1
52	5805-02340	Cover Plate		1	1
53	125-706	Screw		3	3
54	183-178	Roll Pin		2	2
55	5805-02253	Shoulder Screw		1	1
56	I29-32-3	Knob		2	2
57	5805-02279	Cover		1	1
58	125-708.01	Screw		16	16
59	180-105.01	Lock Washer		16	16
60	184-105.01	Flat Washer		16	16
61	G09-08-3	Hinge		4	4
62	CK13-06	Nut		8	8
63	G09-07-3	Hinge		4	4
64	CK13-21	Hinge Bracket		2	2
65	G09-09-3	Hinge Pin		6	6
66	4807-21008	Hinge		2	2
67	4807-21007	Hinge		2	2
68	5805-02392	Hinge Bracket		1	1
69	5805-02395	Limit Switch Bracket		1	1
70	5805-02398	Cover		1	1



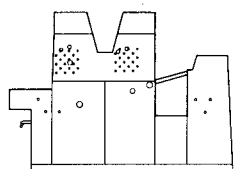
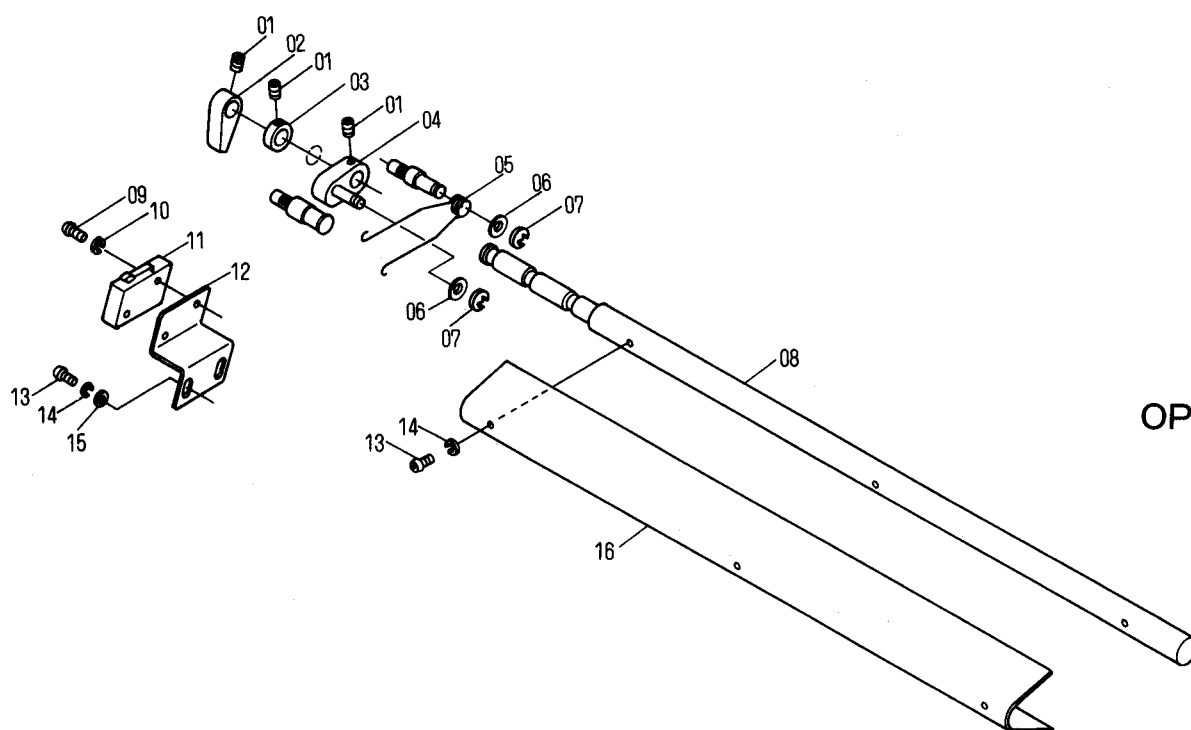
Cover

E2072

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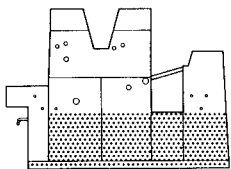
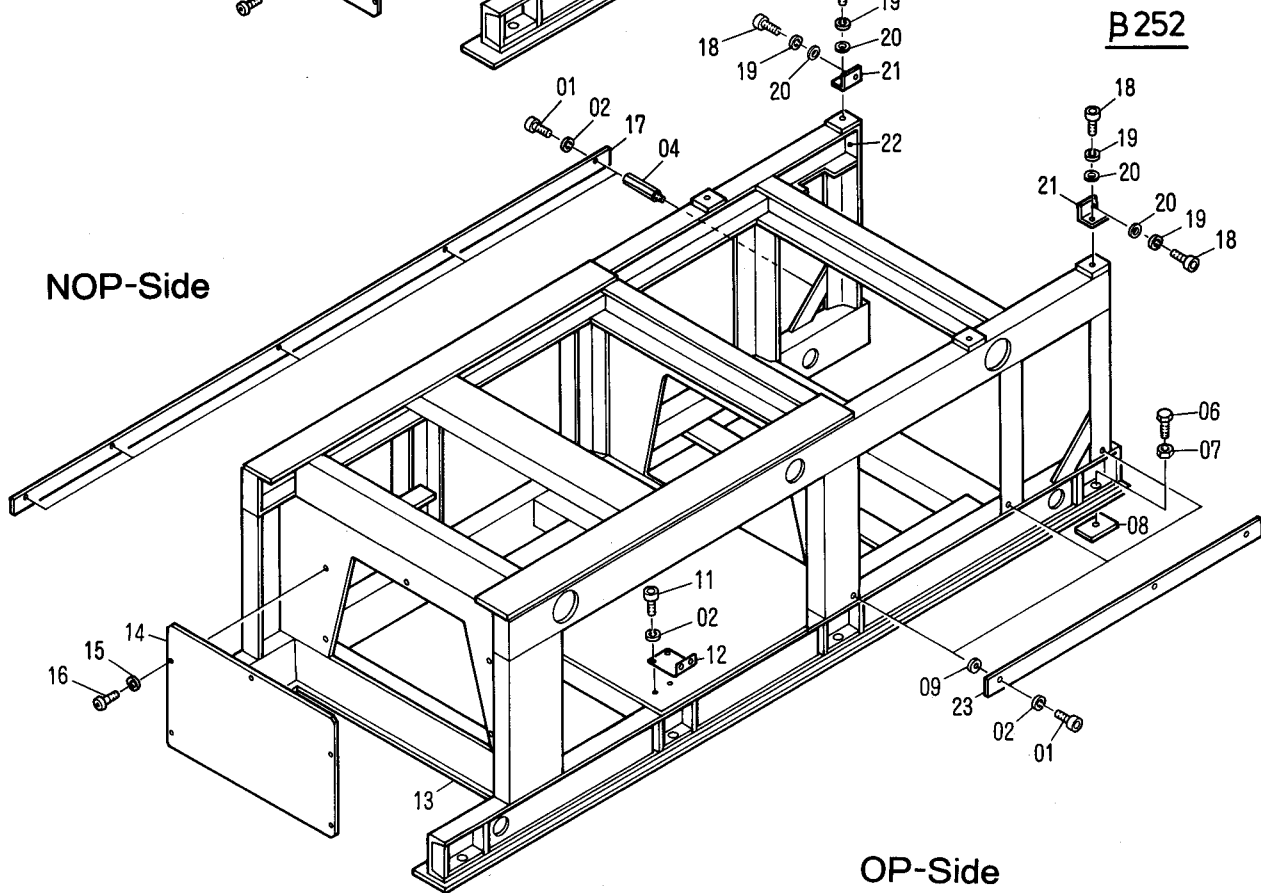
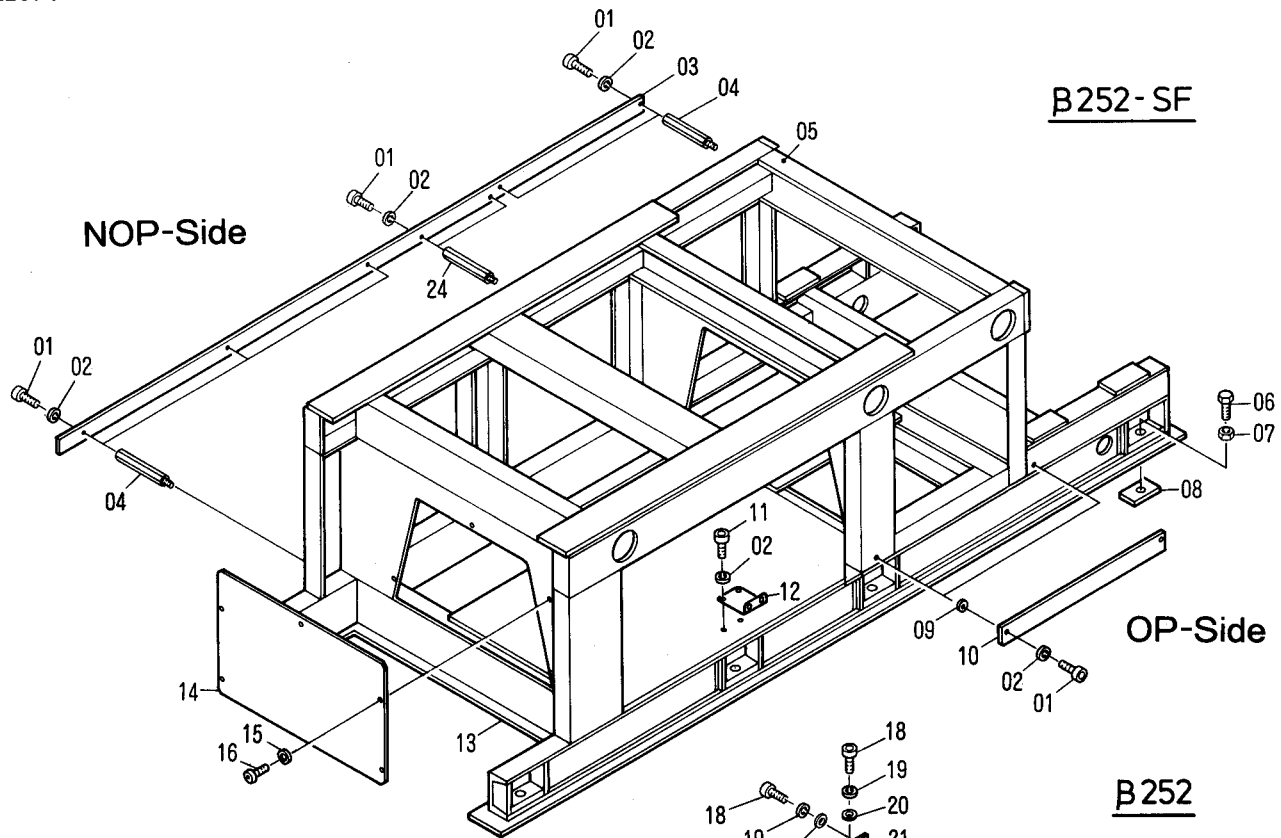
NOP-Side

OP-Side



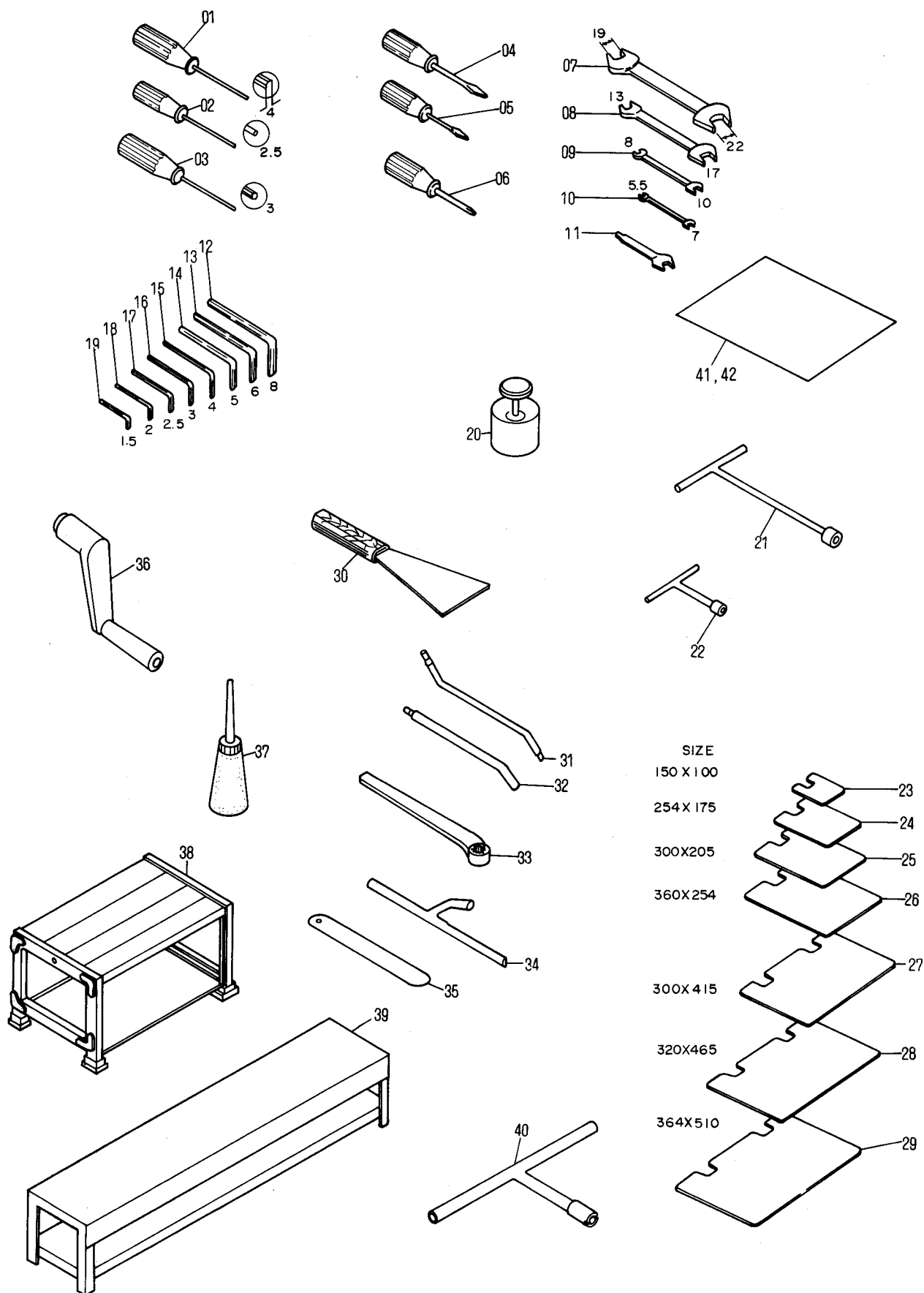
E2073

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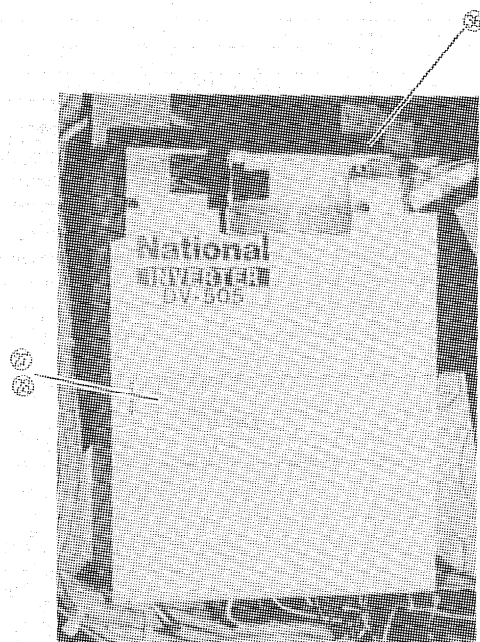
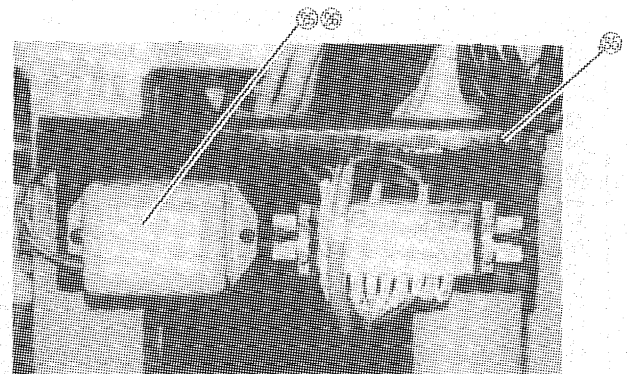
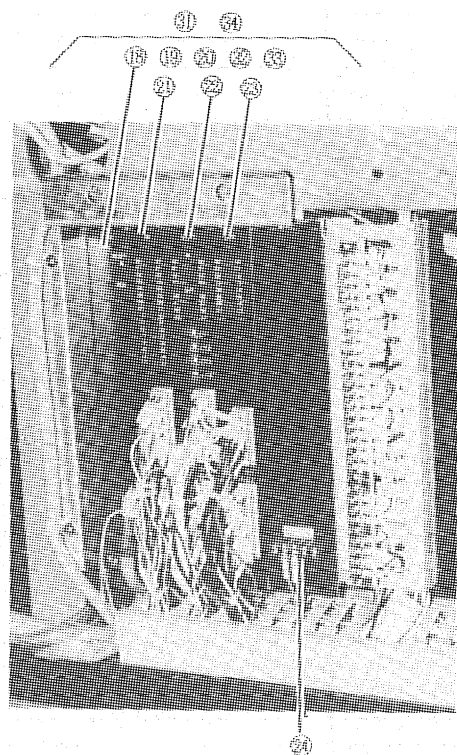
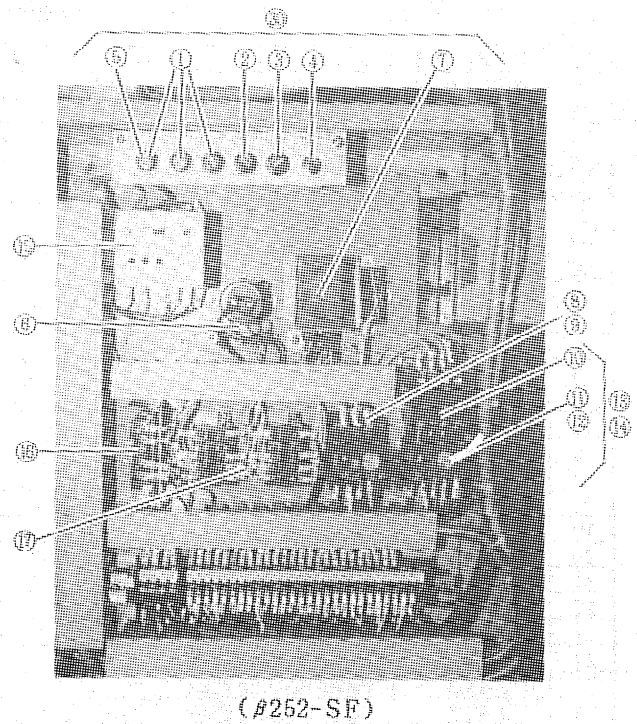
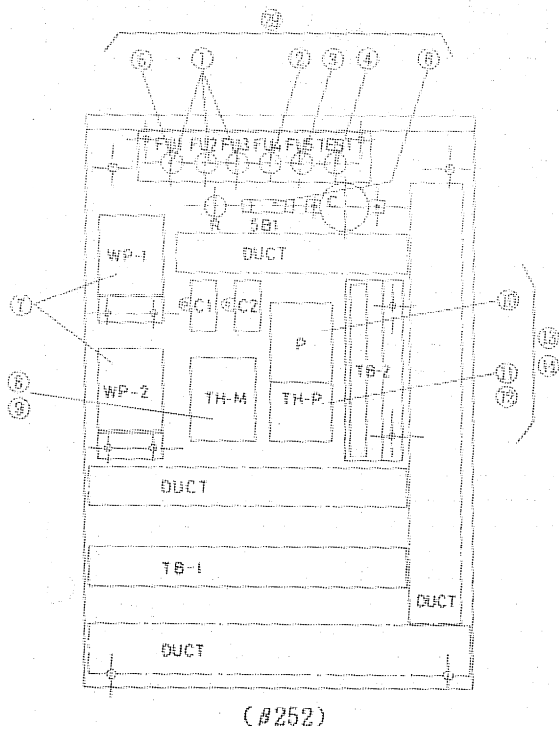
E2074

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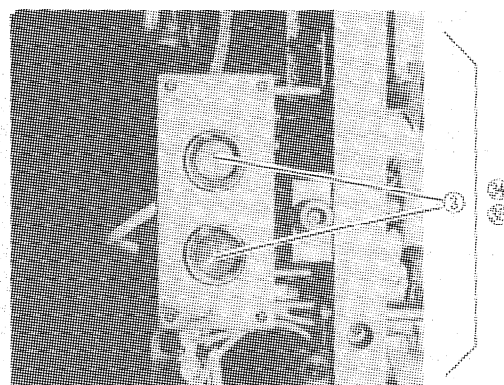
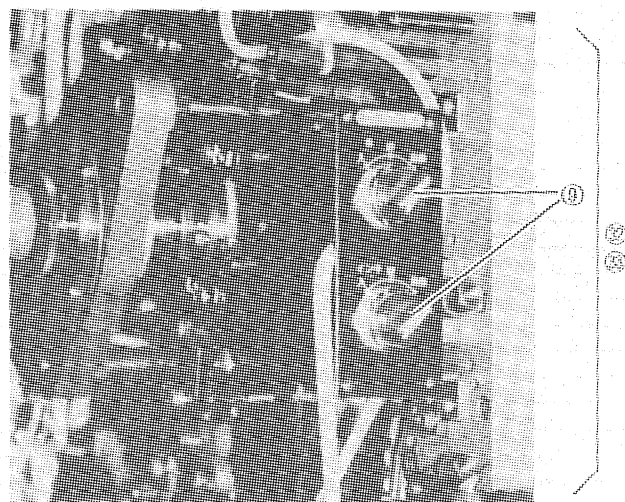
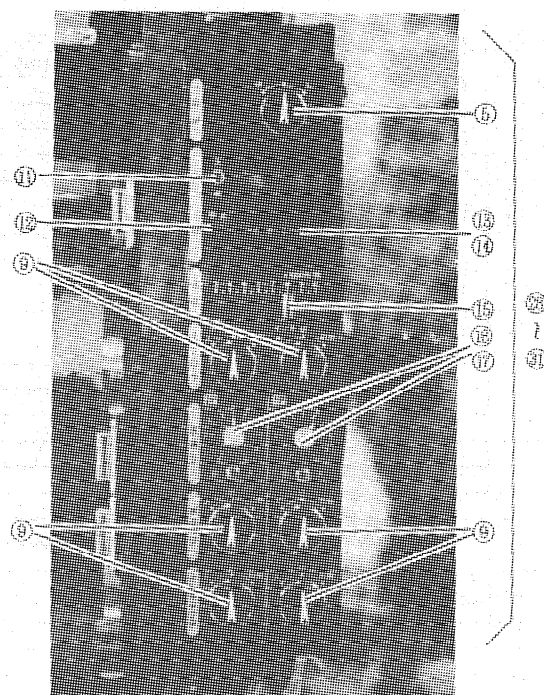
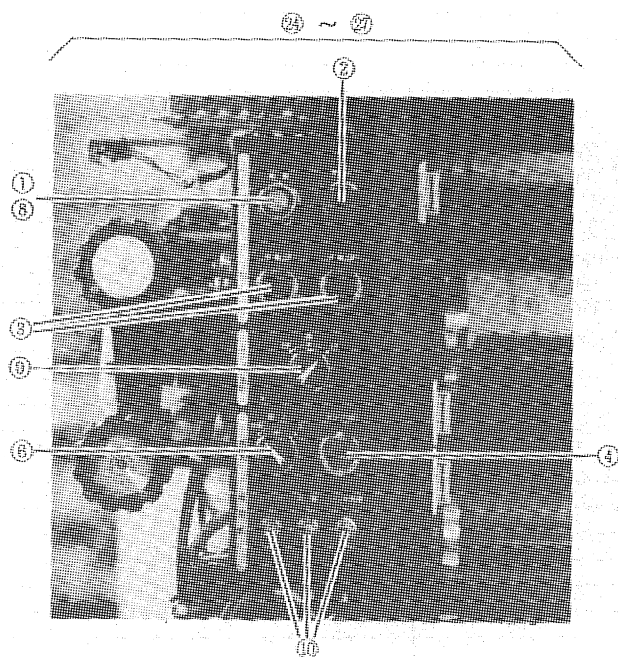
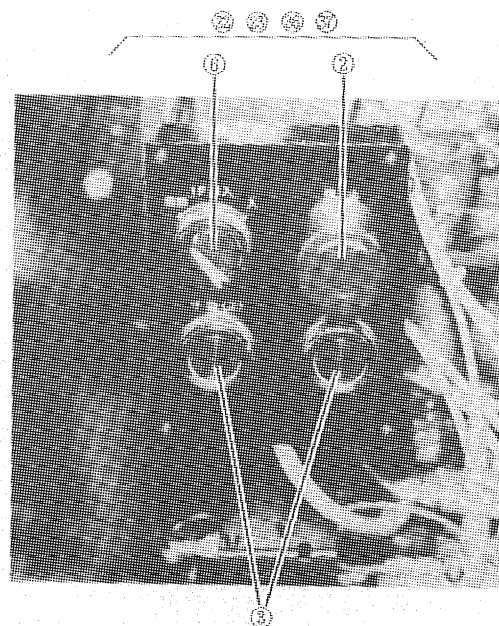
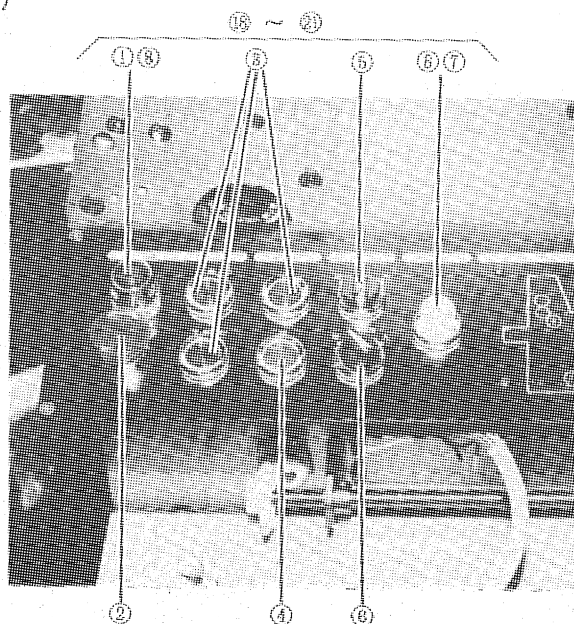
E2075

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E2076

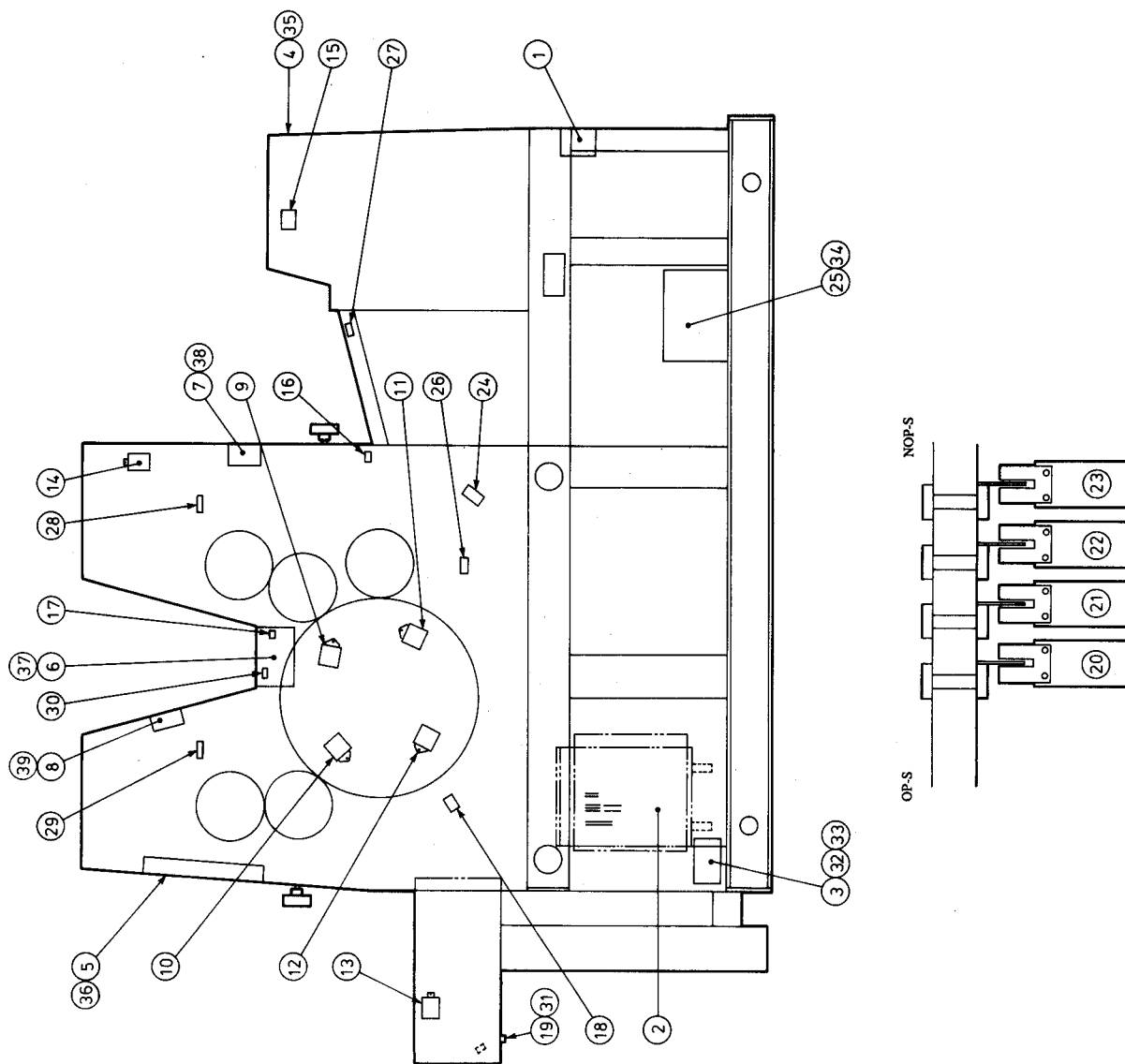
- 211 -



E2077

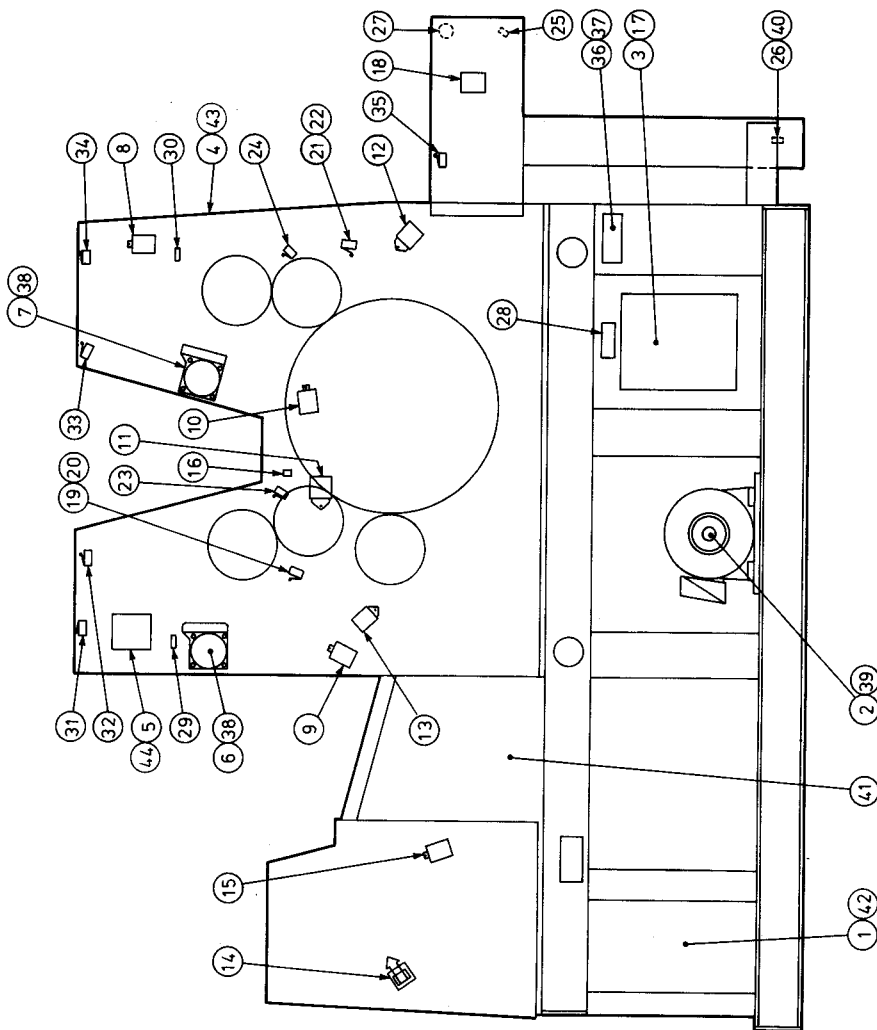
- 213 -

β 252 部 品 配 置 図 (OP-S)
(β 252 PARTS ARRANGEMENT)



項	品 名	DESCRIPTION	片 号 (PARTS No.)
1	メインスイッチ	MAIN SWITCH	E53-67-2A-3
2	シーケンサ	SEQUENCER	E50-86-1A-3
3	電源トランス (3φ 200/220V)	TRANSFORMER (3φ 200/220V)	E53-62-1A-3
4	操作パネル		E51-50-1A-3
5	操作パネル		E51-53-1A-3
6	操作パネル		E51-57-1A-3
7	操作パネル		E51-64-1A-3
8	操作パネル		E51-59-1A-3
9	P-B着ソレノイド (1-P)	P-B CONTACT SOL. (1-P)	E09-02-02-3
10	P-B着ソレノイド (2-P)	P-B CONTACT SOL. (2-P)	E09-02-02-3
11	B-I着ソレノイド (1-P)	B-I CONTACT SOL. (1-P)	E09-32-01-3
12	B-I着ソレノイド (2-P)	B-I CONTACT SOL. (2-P)	E09-32-01-3
13	排紙台下降ソレノイド	DELIVERY TABLE RECEDING SOL.	E09-25-3
14	インキダクタソレノイド (1-P)	INK DUCTOR SOL. (1-P)	E09-25-3
15	2枚検出装置	DOUBLE SHEET DETECTOR	5101-04001B
16	紙検出センサー	PAPER FEED DETECT SENSOR	E26-71-3
17	ブランジャムセンサー (1-P)	BLANKET JAM SENSOR (1-P)	E26-72-3
18	ブランジャムセンサー (2-P)	BLANKET JAM SENSOR (2-P)	E26-64-3
19	排紙高さ検出センサー (OP-S)	DELIVERY TABLE RECEDING PHOTO SENSOR	E26-73-3
20	納入タイミングリッド SW	IMP. TIMING REED SWITCH	E10-13-3
21	ブランジャムタイミングリッド SW	BLANKET JAM TIMING REED SWITCH	E10-13-3
22	S.L.前後進タイミングリッド SW (1-P)	S.L. FOR/BACK TIMING REED SWITCH (1-P)	E10-13-3
23	S.L.前後進タイミングリッド SW (2-P)	S.L. FOR/BACK TIMING REED SWITCH (2-P)	E10-13-3
24	スプレー LS	SPRAY LS	E10-20-3
25	ポンプモータ (3φ 200V)	PUMP MOTOR (3φ 200V)	E01-66-3
26	ハンドル安全 LS	HAND WHEEL SAFETY LS	E10-40-08-3
27	紙検出センサー	PAPER FEED DETECT SENSOR	E26-71-3
28	安全カバー LS (1)	SAFETY COVER LS (1)	E10-29-3
29	安全カバー LS (2)	SAFETY COVER LS (2)	E10-29-3
30	安全カバー LS (3)	SAFETY COVER LS (3)	E10-29-3
31	排紙高さ検出センサー (NOP-S)	DELIVERY TABLE RECEDING PHOTO SENSOR	E26-72-3
32	電源トランス (3φ 380V)	TRANSFORMER (3φ 380V)	E53-62-1B-3
33	除電トランス	STATIC ELIMINATOR	E11-01-05-3
34	ポンプモータ (3φ 220/380V)	PUMP MOTOR (3φ 220/380V)	E01-68-3
35		CONTROL PANEL	E51-50-2A-3
36		CONTROL PANEL	E51-53-2A-3
37		CONTROL PANEL	E51-57-2A-3
38		CONTROL PANEL	E51-64-2A-3
39		CONTROL PANEL	E51-59-2A-3

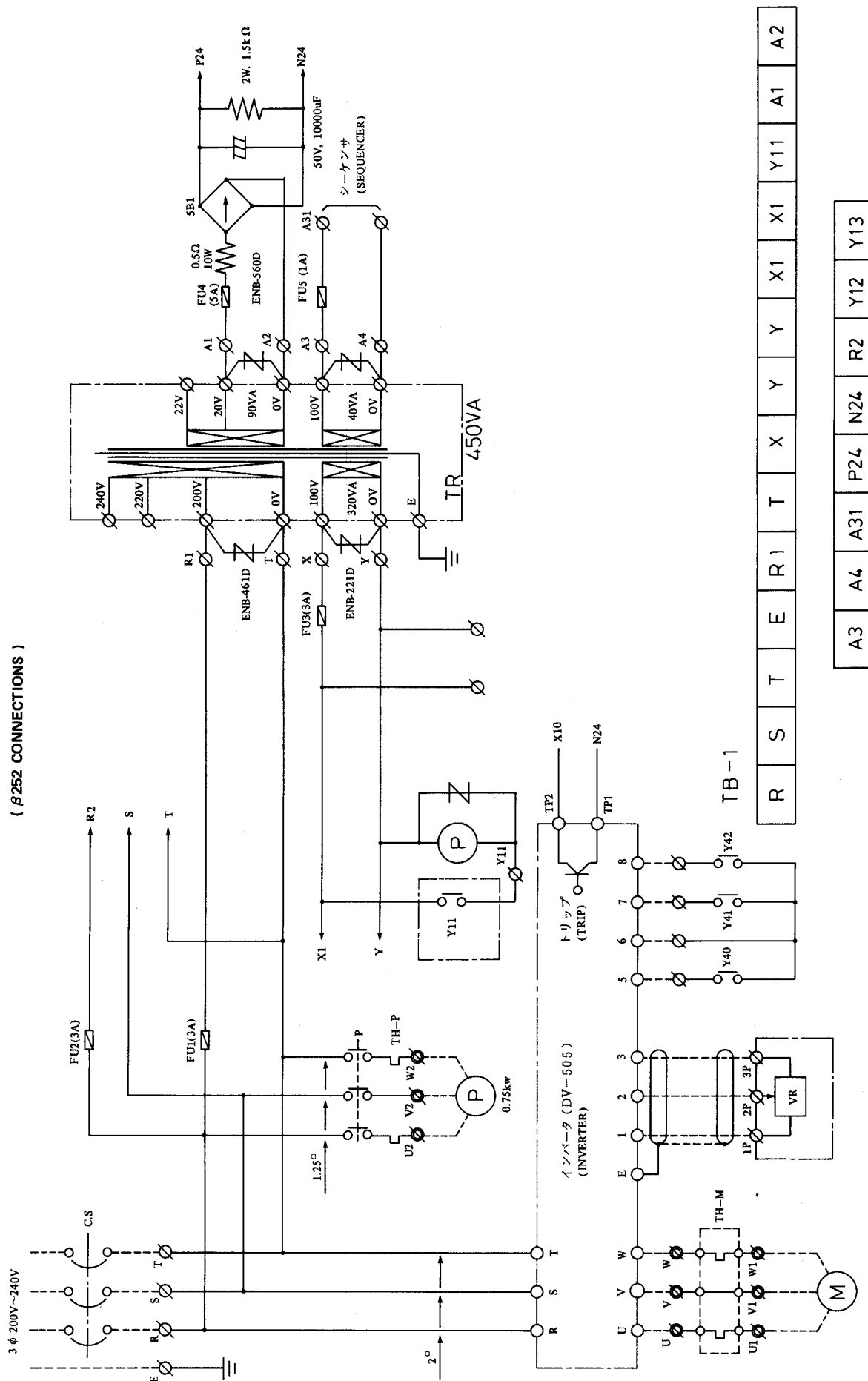
β 252 部品 配置 図 (NOP-S)
(β 252 PARTS ARRANGEMENT)



項	品 名	DESCRIPTION	片 号 (PARTS No.)
1	制御盤 (3φ 200/220V)	CONTROL BOX (3φ 200/220V)	E50-83-1A-3
2	メインモータ (3φ 380/415V)	MAIN MOTOR (3φ 380/415V)	E01-90-3
3	インバータ (3φ 380/415V)	INVERTER (3φ 380/415V)	E50-50-3
4	操作パネル		E51-54-1A-3
5	操作パネル		E51-57-1A-3
6	水元モータ (1-P)	DAMP MOTOR (1-P)	E01-90-01-3
7	水元モータ (2-P)	DAMP MOTOR (2-P)	E01-90-01-3
8	インキダクタソレノイド (2-P)	INK DUCTOR SOL (2-P)	E09-25-3
9	水ダクタソレノイド (1-P)	DAMP DUCTOR SOL (1-P)	E09-25-3
10	水ダクタソレノイド (2-P)	DAMP DUCTOR SOL (2-P)	E09-25-3
11	S.L.前後進ソレノイド (1-P)	S.L. FORWARD SOL (1-P)	E09-02-02-3
12	S.L.前後進ソレノイド (2-P)	S.L. FORWARD SOL (2-P)	E09-02-02-3
13	ジャムストッパソレノイド	PAPER STOP SOL	E09-29-01-3
14	2枚通しソレノイド	DOUBLE SHEET DETECTOR SOL	E09-02-02-3
15	給紙ソレノイド	PAPER FEED SOL	E09-25-3
16	ブランジャムセンサー (1-P)	BLANKET JAM SENSOR	E26-73-3
17	インバータ (3φ 200/220V)	INVERTER (3φ 200/220V)	E50-80-1A-3
18	スプレイズソレノイド	SPRAY SOL	E09-43-3
19	S.L.位置確認 LS*1" (1-P)	S.L. POSITION "1" LS (1-P)	E10-29-3
20	S.L.位置確認 LS*2" (1-P)	S.L. POSITION "2" LS (1-P)	E10-29-3
21	S.L.位置確認 LS*1" (2-P)	S.L. POSITION "1" LS (2-P)	E10-29-3
22	S.L.位置確認 LS*2" (2-P)	S.L. POSITION "2" LS (2-P)	E10-29-3
23	安全バー LS (1-P)	SAFETY SHAFT LS (1-P)	E10-29-3
24	安全バー LS (2-P)	SAFETY SHAFT LS (2-P)	E10-29-3
25	CD ジャム LS	CD JAM LS	E10-38-3
26	排紙台 下限 LS	DELIVERY TABLE BOTTOM LS	E10-12-3
27	蛍光灯	FLUORESCENT LAMP	E24-11-1A-3
28	ブザー	BUZZER	E03-28-3
29	安全カバー LS (1)	SAFETY COVER LS (1)	E10-40-08-3
30	安全カバー LS (2)	SAFETY COVER LS (2)	E10-40-08-3
31	安全カバー LS (3)	SAFETY COVER LS (3)	E10-29-3
32	安全カバー LS (4)	SAFETY COVER LS (4)	E10-29-3
33	安全カバー LS (5)	SAFETY COVER LS (5)	E10-29-3
34	安全カバー LS (6)	SAFETY COVER LS (6)	E10-29-3
35	安全カバー LS (7)	SAFETY COVER LS (7)	E10-29-3
36	蛍光灯安定器 (50HZ)	FLUORESCENT LAMP STABILIZER (50Hz)	E20-10-3
37	蛍光灯安定器 (60HZ)	FLUORESCENT LAMP STABILIZER (60Hz)	E20-11-3
38	ギヤヘッド	GEAR HEAD	E06-11-3
39	メインモータ (3φ 200/220V)	MAIN MOTOR (3φ 200/220V)	E01-100-3
40	マグネット	MAGNET	E10-14-3
41	水循環装置	DAMP CIRCULATION DEVICE	5803-11049
42	制御盤 (3φ 380V)	CONTROL BOX (3φ 380V)	E50-83-1B-3
43		CONTROL PANEL	E51-54-2A-3
44		CONTROL PANEL	E51-57-2A-3

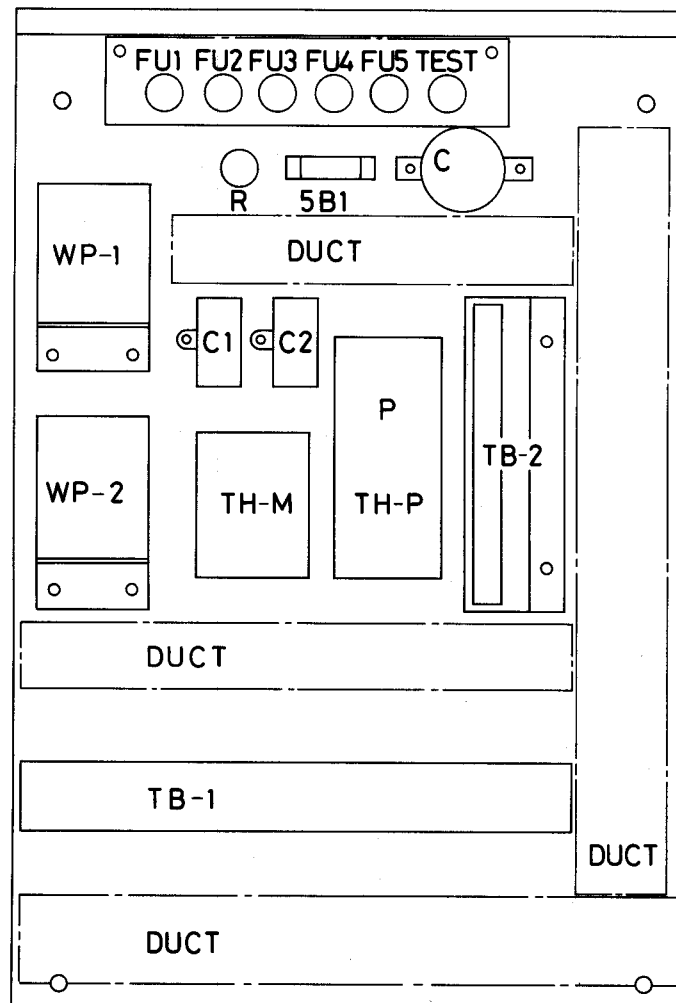
β 252 結 線

(β 252 CONNECTIONS)





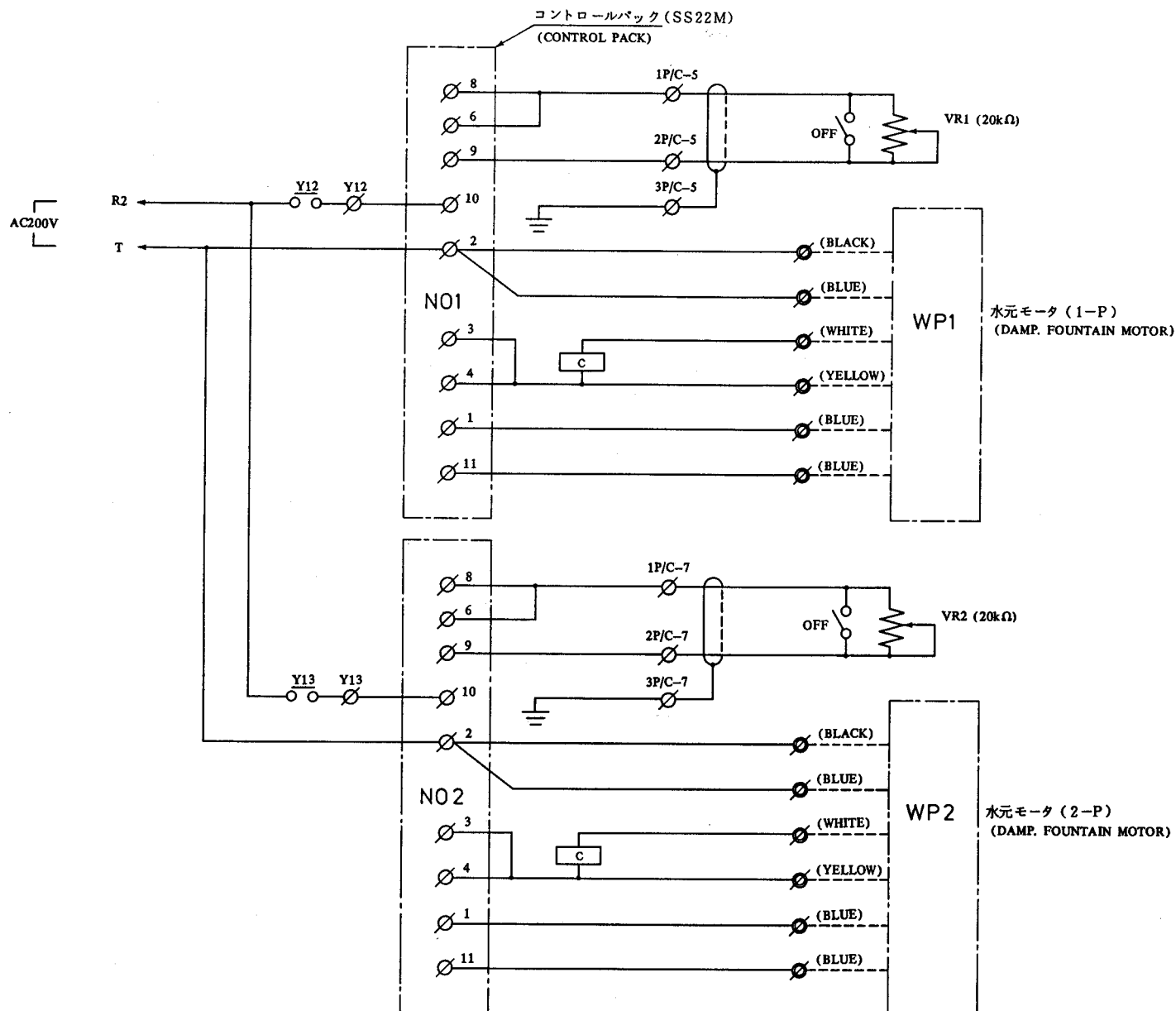
β252 制御盤部品配置図 (NOP-S)
(β252 PARTS ARRANGEMENT OF CONTROL BOX)



- F U 1 : 電源トランス1次側ヒューズ (3 A)
(TRANSFORMER PRIMARY FUSE)
F U 2 : 水元モータ用ヒューズ (3 A)
(FUSE FOR DAMP. MOTOR PROTECT)
F U 3 : AC 100 V用ヒューズ (3 A)
(FUSE FOR AC100V)
F U 4 : DC 24 V用ヒューズ (5 A)
(FUSE FOR DC24V)
F U 5 : シーケンサ用電源ヒューズ (1 A)
(FUSE FOR POWER SUPPLY OF SEQUENCER)
W P - 1 : 1色目水元モータ用コントローラ
(DAMP. MOTOR CONTROLLER FOR 1-P)
W P - 2 : 2色目水元モータ用コントローラ
(DAMP. MOTOR CONTROLLER FOR 2-P)
C 1 : 1色目水元モータ用コンデンサ
(DAMP. MOTOR CONDENSER FOR 1-P)
C 2 : 2色目水元モータ用コンデンサ
(DAMP. MOTOR CONDENSER FOR 2-P)
5 B 1 : DC 24 V用整流器
(RECTIFIER FOR DC24V)
C : DC 24 V用平滑コンデンサ (50 V , 10000 μ F)
(CONDENSER FOR DC24V)
R : DC 24 V回路用抵抗 (0.5 Ω , 10 W)
(RESISTANCE FOR DC24V)
T H - M : メインモータサーマルリレー (5.2 A ~ 8.0 A)
(MAIN MOTOR THERMAL RELAY)
P : ポンプモータ用電磁開閉器 (S - K 10)
(PUMP MOTOR MAGNET RELAY)
T H - P : ポンプモータ用サーマルリレー (2.8 A ~ 4.4 A)
(PUMP MOTOR THERMAL RELAY)
T B - 1 : 端子台
(TERMINAL)
T B - 2 : 端子台
(TERMINAL)
T E S T : P ・ B ・ I 瞬入スイッチ
(P.B.I CONTACT SW)

β 252 水元モータコントロールパック結線図

(β 252 DAMP. FOUNTAIN MOTOR CONTROL PACK CONNECTIONS)

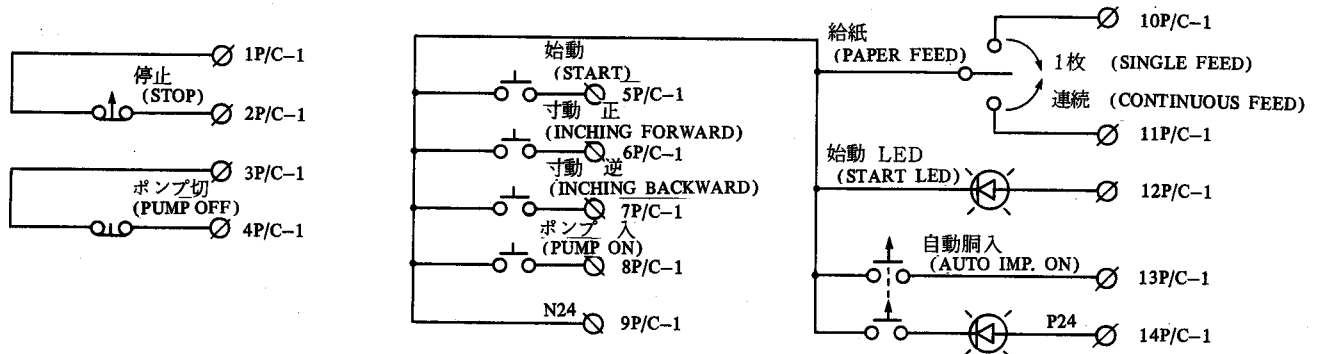


(注) ① φ B/A Aはコネクタ番号
Bはコネクタピン番号を示す
② ● 直接結線 (ハンダ付) を示す。

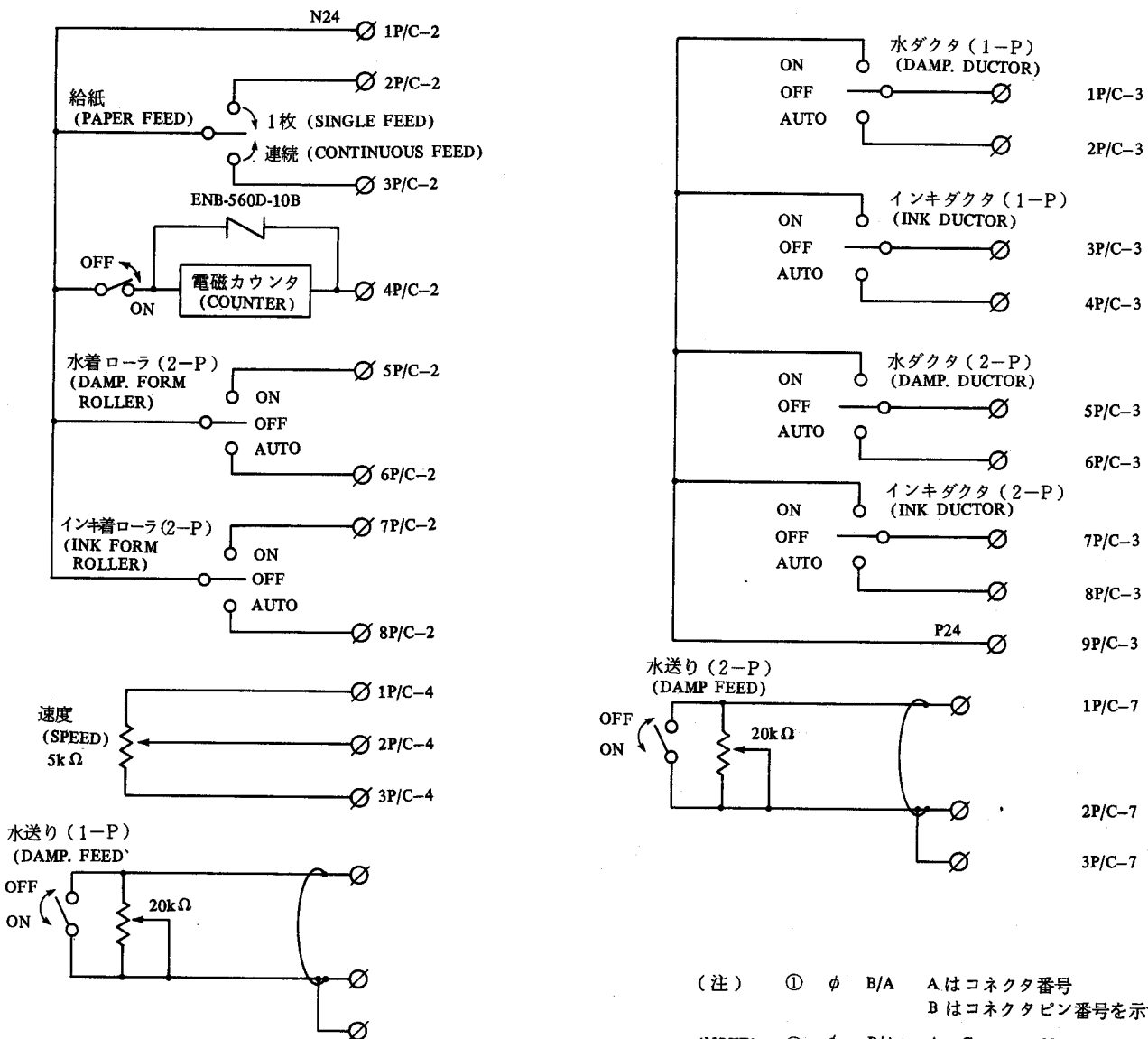
(NOTE) ① φ B/A A : Connector No.
B : Connector Pin No.
② φ MEANS DIRECT CONNECTION WITHOUT CONNECTOR

β252 操作パネル結線図 (β252 CONTROL PANEL CONNECTIONS)

① 給紙部操作パネル (CONTROL PANEL FEEDER SIDE)



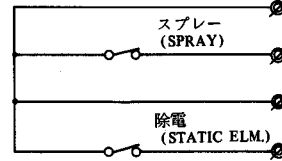
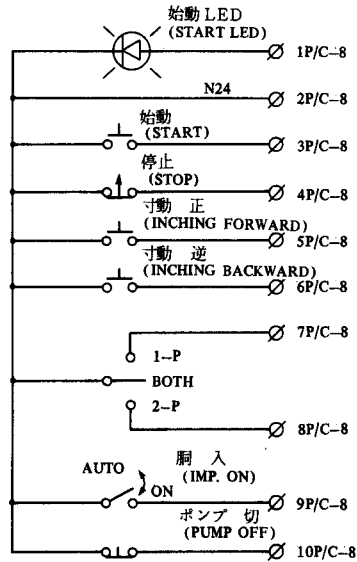
② 排紙部操作パネル (OP-S) (CONTROL PANEL DELIVERY SIDE)



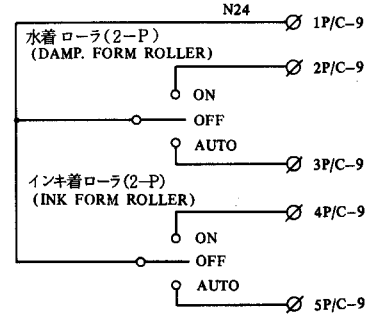
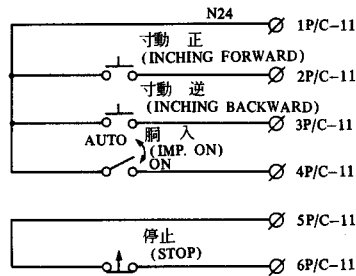
(注) ① φ B/A Aはコネクタ番号
Bはコネクタピン番号を示す。
(NOTE) ① φ B/A A : Connector No.
B : Connector Pin No.

β252 操作パネル 結線図 (β252 CONTROL PANEL CONNECTIONS)

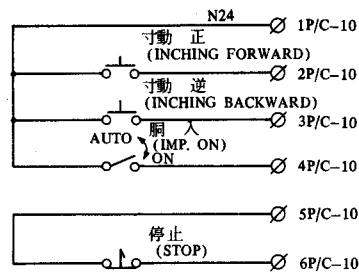
③ 排紙給操作パネル (NOP-S) (CONTROL PANEL DELIVERY SIDE)



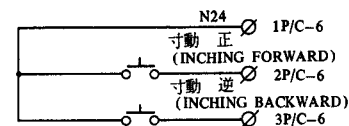
④ スイッチボックス (NOP-S) (SWITCH BOX)



(OP-S)



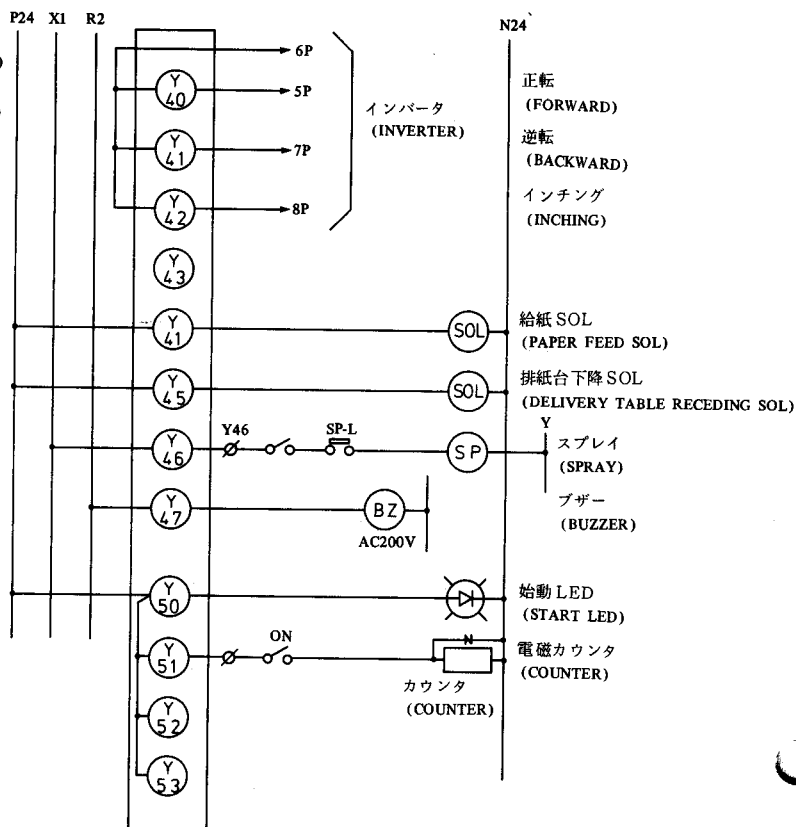
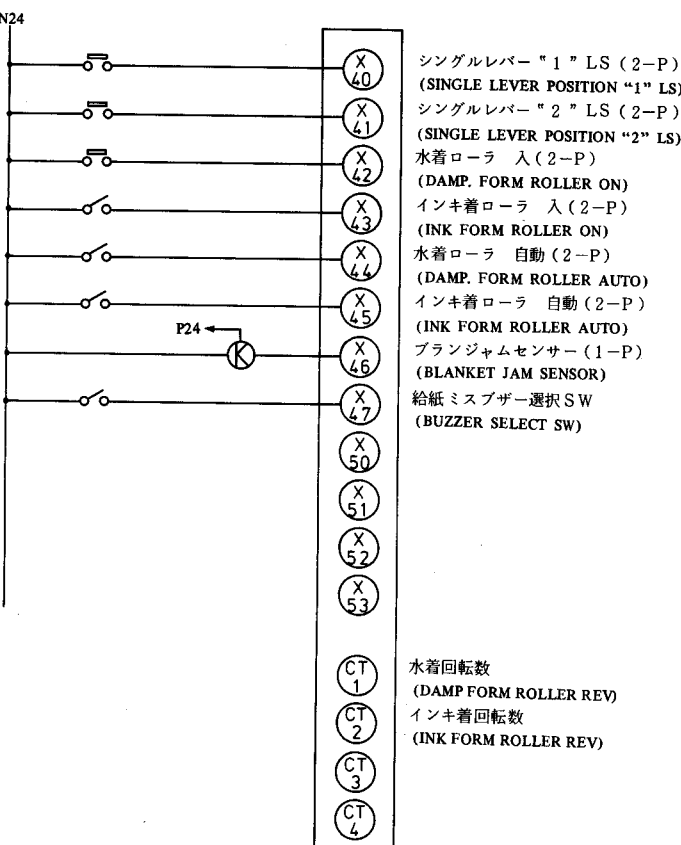
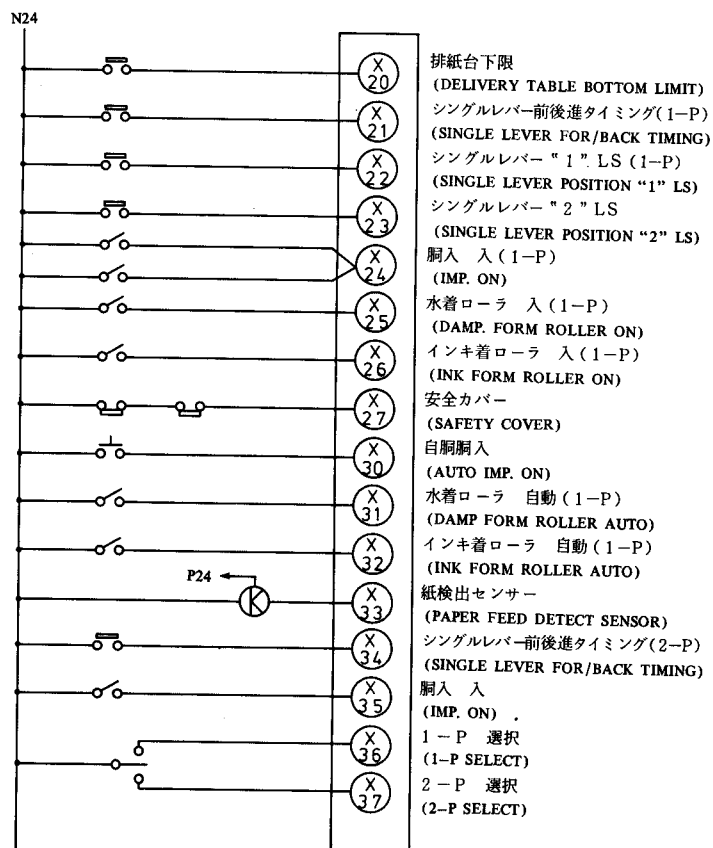
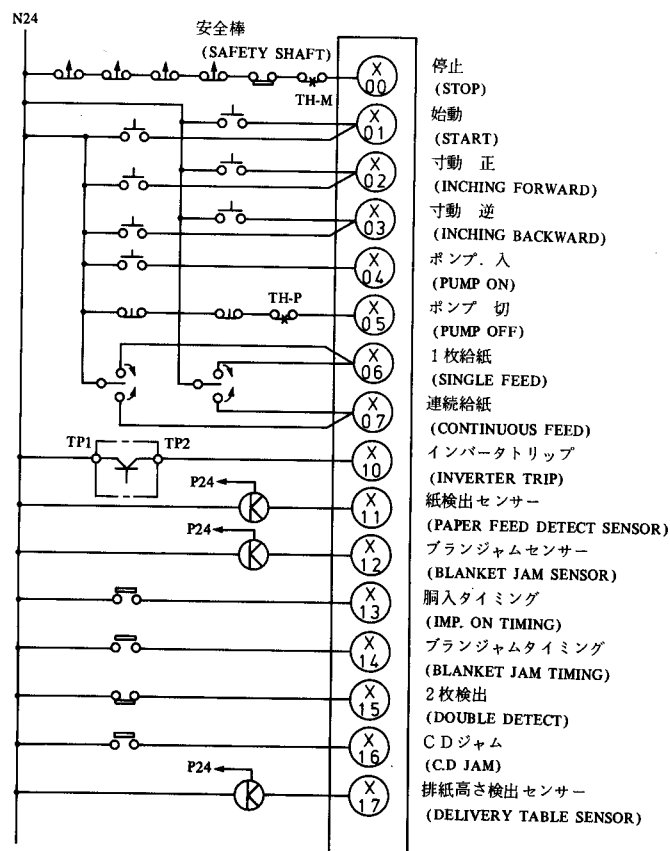
⑤ スイッチボックス (インチング) (SWITCH BOX (INCHING))



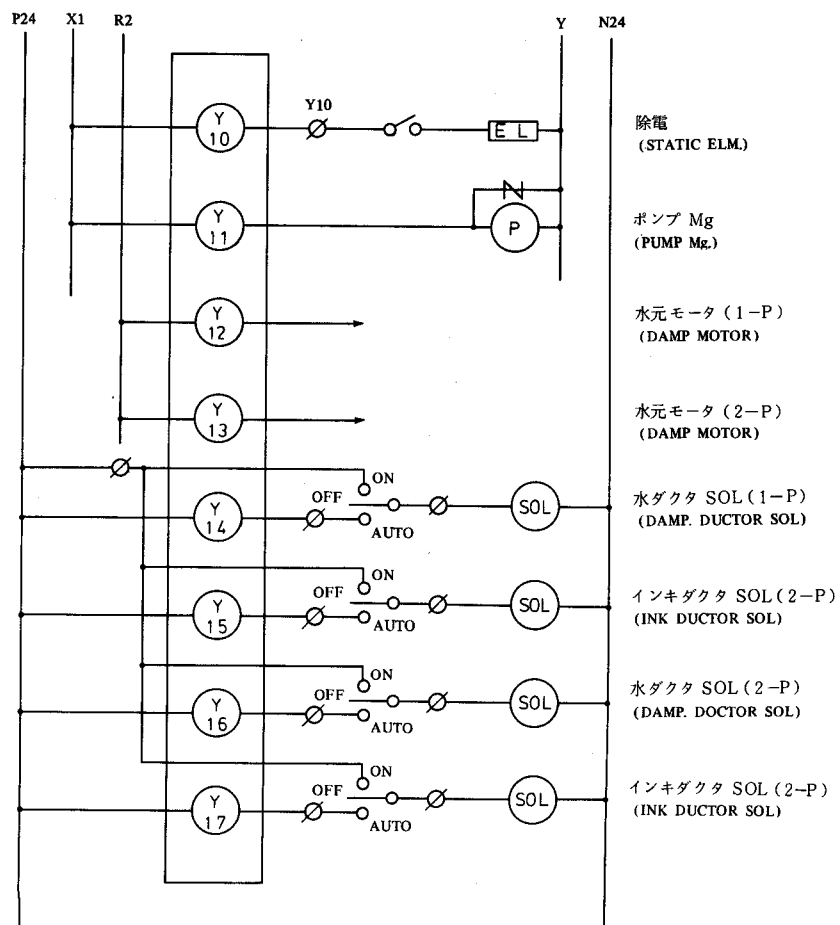
(注) ① ∅ B/A Aはコネクタ番号
Bはコネクタピン番号を示す
② ⊙ 直接結線 (ハンダ付) を示す。

(NOTE) ① ∅ B/A A : Connector No.
B : Connector Pin No.
② ∅ MEANS DIRECT CONNECTION WITHOUT CONNECTER

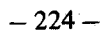
β252 シーケンサ入出力表 (β252 SEQUENCER INPUT/OUTPUT CONNECTIONS)



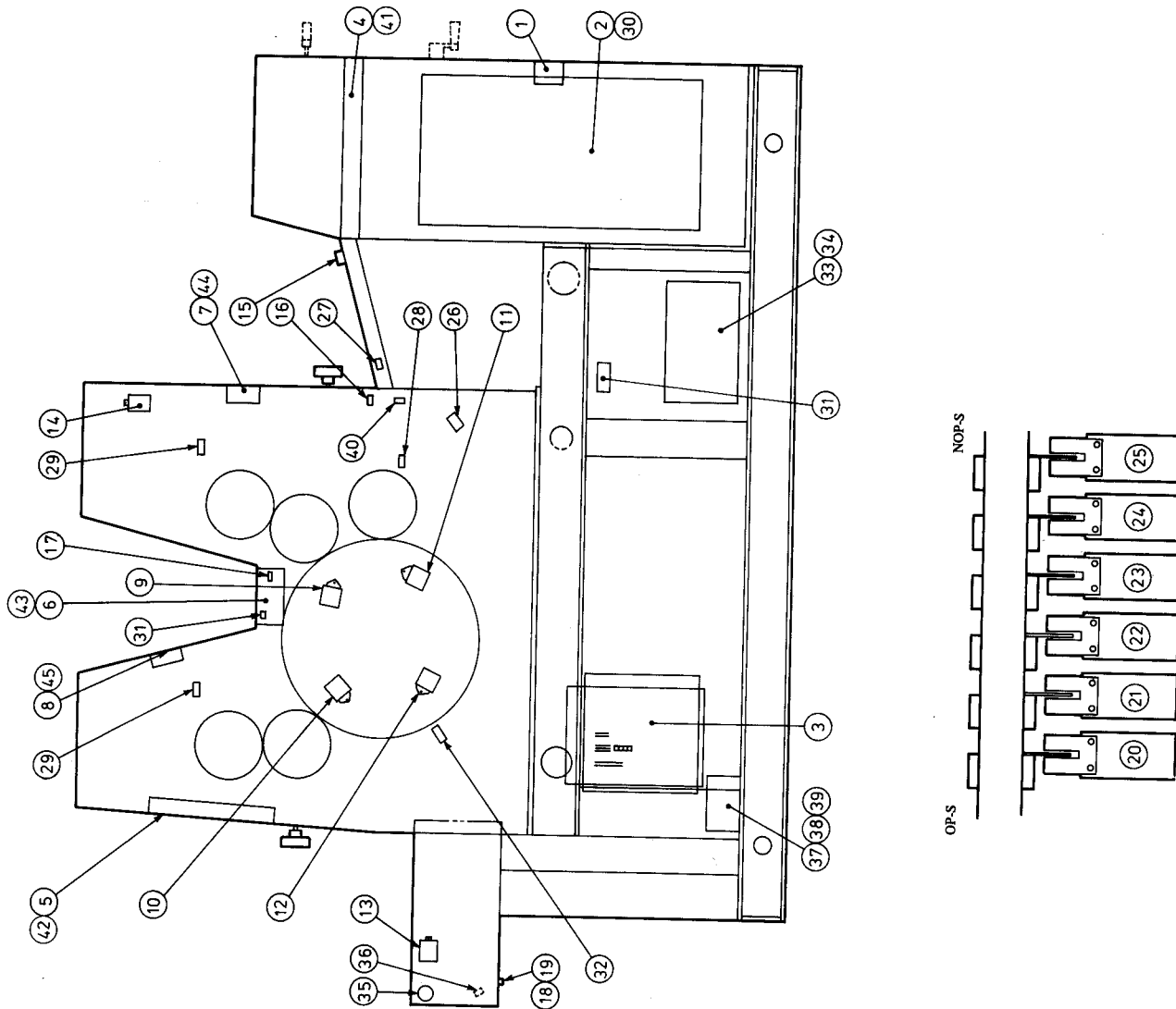
(β 252 SEQUENCER OUTPUT CONNECTIONS)



(β 252 TERMINAL ARRANGEMENT)

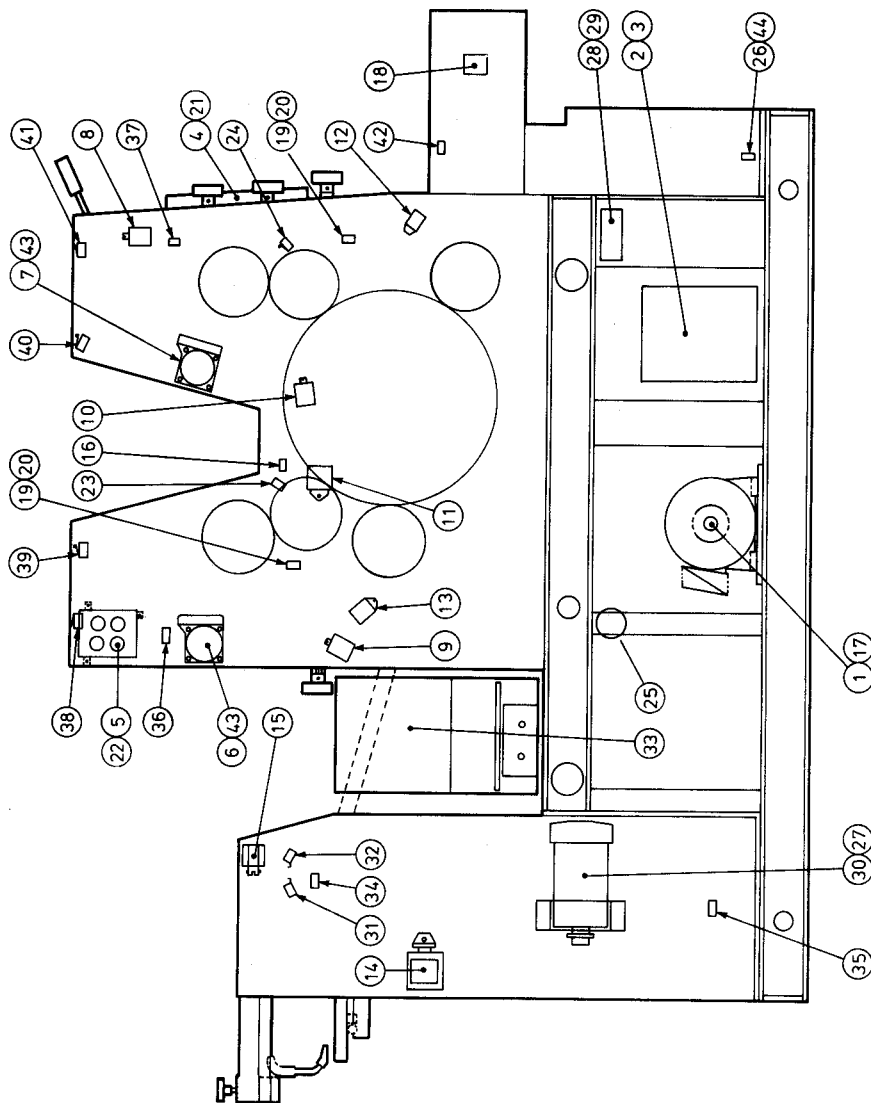


β 252-SF 部品配置図 (OP-S)
(β252SF PARTS ARRANGEMENT)



項	品名	DESCRIPTION	片号 (PARTS No.)
1	メインスイッチ	MAIN SWITCH	E53-67-2C-3
2	制御盤 (3φ 200/220V)	CONTROL BOX (3φ 200/220V)	E50-84-1A-3
3	シーケンサ	SEQUENCER	E50-87-1A-3
4	操作パネル		E51-62-1A-3
5	操作パネル		E51-63-1A-3
6	操作パネル		E51-58-1A-3
7	操作パネル		E51-64-1A-3
8	操作パネル		E51-59-1A-3
9	P-B着ソレノイド (1-P)	P-B CONTACT SOL. (1-P)	E09-02-02-3
10	P-B着ソレノイド (2-P)	P-B CONTACT SOL. (2-P)	E09-02-02-3
11	B-I着ソレノイド (1-P)	B-I CONTACT SOL. (1-P)	E09-32-01-3
12	B-I着ソレノイド (2-P)	B-I CONTACT SOL. (2-P)	E09-32-01-3
13	排紙台下降ソレノイド	DELIVERY TABLE RECEDING SOL.	E09-25-3
14	インキダクタソレノイド (1-P)	INK DUCTOR SOL.	E09-25-3
15	2枚検出LS	DOUBLE SHEET DETECTOR	E10-46-1A-3
16	紙検出センサー	PAPER FEED DETECT SENSOR	E26-68-3
17	ブランジャムセンサー (1-P)	BLANKET JAM SENSOR	E26-72-3
18	排紙高さ検出センサー (OP-S)	DELIVERY TABLE RECEDING PHOTO SENSOR	E26-73-3
19	排紙高さ検出センサー (NOP-S)	DELIVERY TABLE RECEDING PHOTO SENSOR	E26-72-3
20	網入タイミングリードSW	IMP. TIMING REED SWITCH	E10-13-3
21	ブランジャムタイミングリードSW	BLANKET JAM TIMING REED SWITCH	E10-13-3
22	給紙タイミングリードSW	PAPER FEED TIMING REED SWITCH	E10-13-3
23	2枚検出タイミングリードSW	DOUBLE SHEET DETECT TIMING REED SWITCH	E10-13-3
24	S.L前後進タイミングリードSW (1-P)	S.L FORWARD TIMING REED SWITCH (1-P)	E10-13-3
25	S.L前後進タイミングリードSW (2-P)	S.L FORWARD TIMING REED SWITCH (2-P)	E10-13-3
26	スプレーLS	SPRAY LS	E10-20-3
27	紙検出センサー	PAPER FEED DETECT SENSOR	E26-71-3
28	ハンドル安全LS	HAND WHEEL SAFETY LS	E10-40-08-3
29	安全カバーLS	SAFETY COVER LS	E10-29-3
30	制御盤 (3φ 380V)	CONTROL BOX (3φ 380V)	E50-84-1B-3
31	安全カバーLS	SAFETY COVER LS	E10-40-08-3
32	ブランジャムセンサー (2-P)	BLANKET JAM SENSOR (2-P)	E26-64-3
33	ポンプモータ (50HZ)	PUMP MOTOR (50Hz)	5801-12029
34	ポンプモータ (60HZ)	PUMP MOTOR (60Hz)	5801-12030
35	蛍光灯	FLUORESCENT LAMP	E24-11-1A-3
36	CDジャムLS	CD JAM LS	E10-38-3
37	電源トランス (3φ 200/220V)	TRANSFORMER (3φ 200/220V)	E53-62-1A-3
38	電源トランス (3φ 380V)	TRANSFORMER (3φ 380V)	E53-62-1B-3
39	除電トランス	STATIC ELIMINATOR	E11-01-05-3
40	紙検出センサー	PAPER FEED DETECT SENSOR	E26-69-3
41		CONTROL PANEL	E51-62-2A-3
42		CONTROL PANEL	E51-63-2A-3
43		CONTROL PANEL	E51-57-2A-3
44		CONTROL PANEL	E51-64-2A-3
45		CONTROL PANEL	E51-59-2A-3

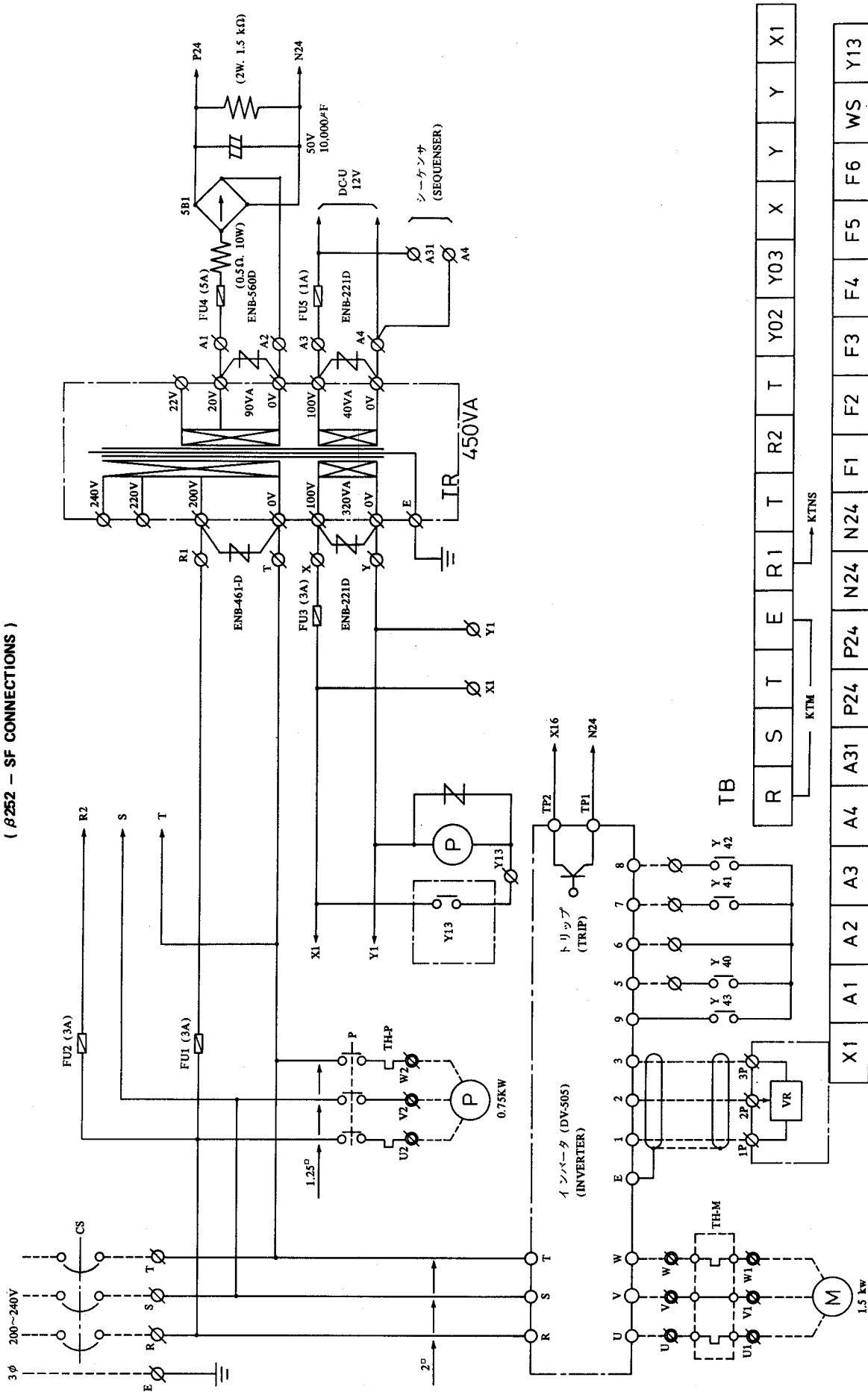
β 252-SF 部品配置図 (NOP-S)
(β 252-SF PARTS ARRANGEMENT)



項	品名	DESCRIPTION	片号 (PARTS No.)
1	メインモータ (3φ 380/415V)	MAIN MOTOR (3φ 380/415V)	E01-90-3
2	インバータ (3φ 380/415V)	INVERTER (3φ 380/415V)	E50-50-3
3	インバータ (3φ 200/220V)	INVERTER (3φ 200/220V)	E50-80-1A-3
4	操作パネル		E51-54-1B-3
5			E51-57-1A-3
6	水元モータ (1-P)	DAMP MOTOR (1-P)	E01-90-01-3
7	水元モータ (2-P)	DAMP MOTOR (2-P)	E01-90-01-3
8	インキダクタソレノイド (2-P)	INK DUCTOR SOL. (2-P)	E09-25-3
9	水ダクタソレノイド (1-P)	DAMP DUCTOR SOL. (1-P)	E09-25-3
10	水ダクタソレノイド (2-P)	DAMP DUCTOR SOL. (2-P)	E09-25-3
11	S.L.前後進ソレノイド (1-P)	S.L. FORWARD/REVERSE SOL. (1-P)	E09-02-02-3
12	S.L.前後進ソレノイド (2-P)	S.L. FORWARD/REVERSE SOL. (2-P)	E09-02-02-3
13	ジャムストッパソレノイド	PAPER STOP SOL.	E09-29-01-3
14	クラッチソレノイド	CLUTCH SOL.	E-101-44
15	給紙ソレノイド	PAPER FEED SOL.	E09-46-3
16	ブランジャムセンサー	BLANKET JAM SENSOR	E26-73-3
17	メインモータ (3φ 200/220V)	MAIN MOTOR (3φ 200/220V)	E01-100-3
18	スプレソレノイド	SPRAY SOL.	E09-43-3
19	S.L.位置確認LS "1"	S.L. POSITION "1" LS	E10-29-3
20	S.L.位置確認LS "2"	S.L. POSITION "2" LS	E10-29-3
21		CONTROL PANEL	E51-54-2B-3
22		CONTROL PANEL	E51-57-2A-3
23	安全バーLS (1-P)	SAFETY SHAF T LS (1-P)	E10-29-3
24	安全バーLS (2-P)	SAFETY SHAF T LS (2-P)	E10-29-3
25	ブザー	BUZZER	E03-28-3
26	排紙台下限LS	DALIVERY TABLE BOTTOM LS	E10-12-3
27	給紙台昇降モータ (3φ 200/220V)	PAPER FEED TABLE UP/DOWN MOTOR	E-101-38
28	蛍光灯安定器 (50HZ)	FLUORESCENT LAMP STABILIZER (50HZ)	E20-10-3
29	蛍光灯安定器 (60HZ)	FLUORESCENT LAMP STABILIZER (60HZ)	E20-11-3
30	給紙台昇降モータ (3φ 380V)	PAPER FEED TABLE UP/DOWN MOTOR	E01-92-3
31	給紙台下降LS	PAPER FEED TABLE RECEDING LS	E10-31-3
32	給紙台上昇LS	PAPER FEED TABLE RAISING LS	E10-31-3
33	水循環装置	DAMP CIRCULATION DEVICE	5803-11049
34	給紙台上限LS	PAPER FEED TABLE UPPER LS	E10-31-3
35	給紙台下限LS	PAPER FEED TABLE BOTTOM LS	E10-31-3
36	安全カバーLS (1)	SAFETY COVER LS (1)	E10-40-08-3
37	安全カバーLS (2)	SAFETY COVER LS (2)	E10-40-08-3
38	安全カバーLS (3)	SAFETY COVER LS (3)	E10-29-3
39	安全カバーLS (4)	SAFETY COVER LS (4)	E10-29-3
40	安全カバーLS (5)	SAFETY COVER LS (5)	E10-29-3
41	安全カバーLS (6)	SAFETY COVER LS (6)	E10-29-3
42	安全カバーLS (7)	SAFETY COVER LS (7)	E10-29-3
43	ギヤヘッド	GEAR HEAD	E06-11-3
44	マグネット	MAGNET	E10-14-3

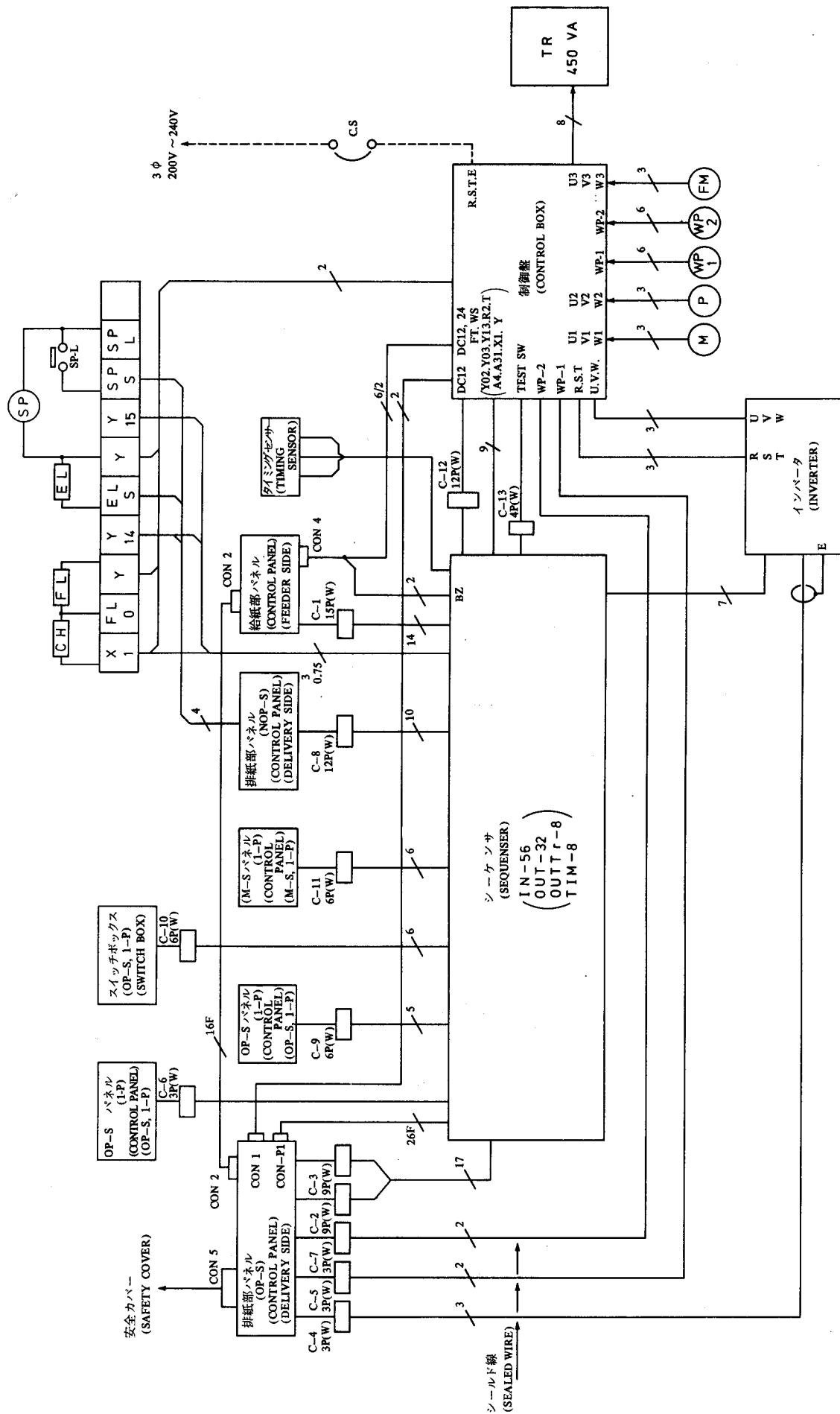
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(8252 - SF CONNECTIONS)



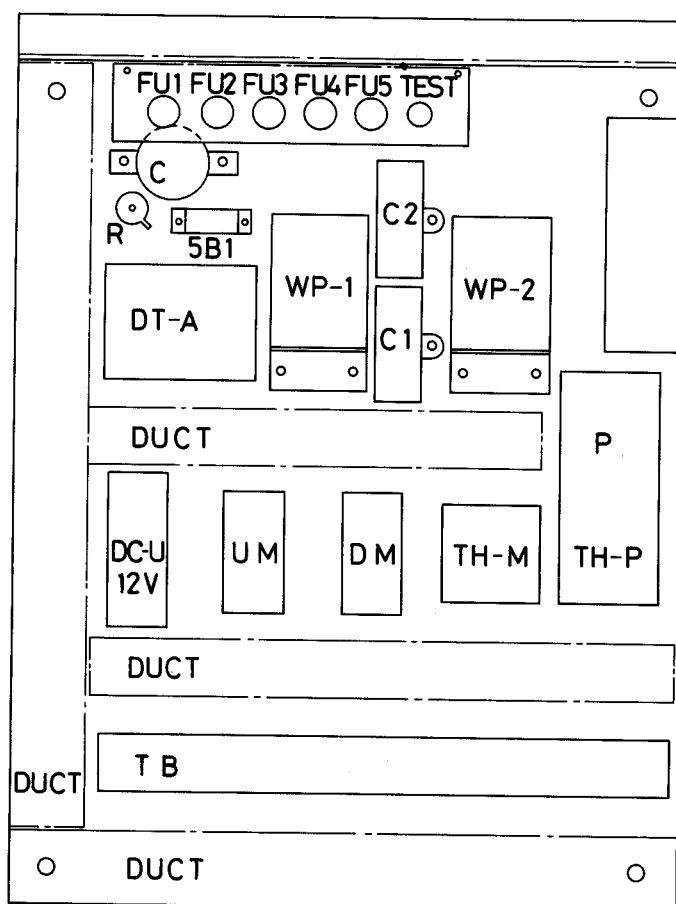
β252-SF 結 線 図

(β252 -- SF CONNECTIONS)



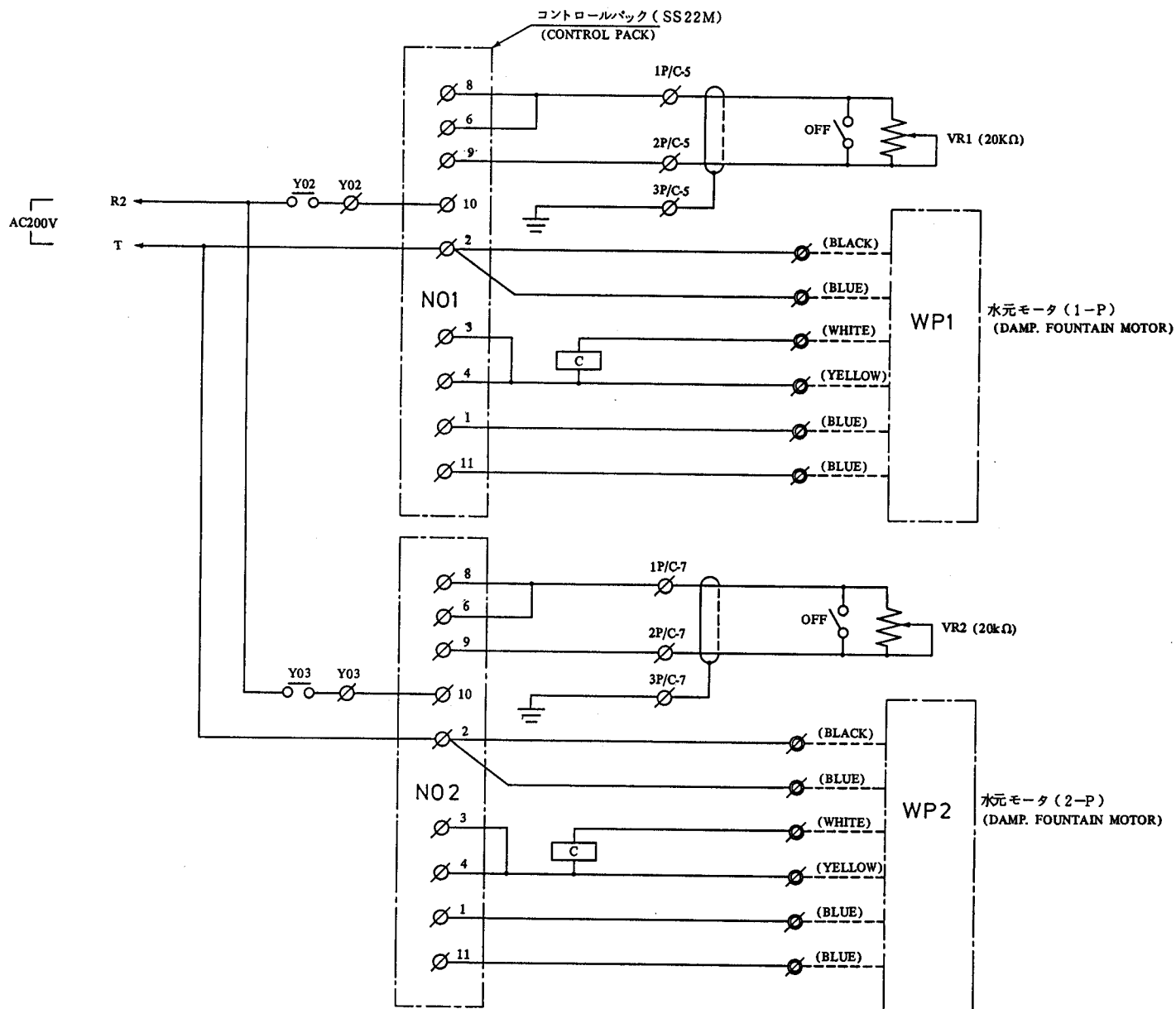
β252-SF 制御盤部品配置図 (OP-S)

(β252 - SF PARTS ARRANGEMENT OF CONTROL BOX)



- F U 1 : 電源トランス1次側ヒューズ (3 A)
(TRANSFORMER PRIMARY FUSE)
- F U 2 : 水元モータ, 給紙台モータ, 給紙 SOL, コンベアクラッチ SOL 用ヒューズ (3 A)
(FUSE FOR DAMP. MOTOR FEED TABLE UP/DOWN MOTOR, PAPER FEED SOL. CLUTCH SOL.)
- F U 3 : A.C 100V 用ヒューズ (3 A)
(FUSE FOR A.C 100V SOL.)
- F U 4 : D.C 24V 用ヒューズ (5 A)
(FUSE FOR D.C 24V)
- F U 5 : シーケンサ用電源ヒューズ (1 A)
(FUSE FOR POWER SUPPLY OF SEQUENCER)
- W P-1 : 1 色目水元モータ用コントローラ
(DAMP. MOTOR CONTROLLER FOR 1-P)
- W P-2 : 2 色目水元モータ用コントローラ
(DAMP. MOTOR CONTROLLER FOR 2-P)
- C 1 : 1 色目水元モータ用コンデンサ
(DAMP. MOTOR CONDENSER FOR 1-P)
- C 2 : 2 色目水元モータ用コンデンサ
(DAMP. MOTOR CONDENSER FOR 2-P)
- 5 B 1 : D.C 24V 用整流器
(RECTIFIER FOR DC 24V)
- C : D.C 24V 用平滑コンデンサ (50V, 10000μF)
(CONDENSER FOR DC24V)
- R : D.C 24V 回路用抵抗 (0.5Ω, 10W)
(RESISTANCE FOR DC24V)
- U M : 給紙台上昇用リレー
(RELAY FOR FEED TABLE RAISING)
- D M : 給紙台下降用リレー
(RELAY FOR FEED TABLE RECEDING)
- TH-M : メインモータサーマルリレー (5.2A ~ 8.0A)
(MAIN MOTOR THERMAL RELAY)
- P : ポンプモータサーマルリレー (2.8A ~ 4.4A)
(PUMP MOTOR THERMAL RELAY)
- DT-A : 2 枚検知センサー AMP (胴入センサー兼用)
(DOUBLE SHEET DETECT SENSOR AMP)
(IMP. ON SENSOR AMP)
- T B : 端子台
(TERMINAL)
- TEST : P-B-I 胴入スイッチ
(P-B-I CONTACT SW)

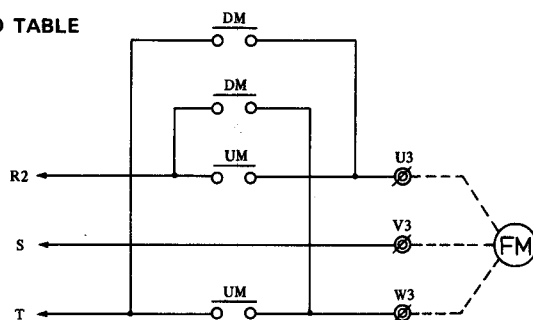
β252-SF 水元モータコントロールバック結線図
 (β252 - SF DAMP. FOUNTAIN MOTOR CONTROL PACK CONNECTIONS)



(注) ① φ B/A Aはコネクタ番号
Bはコネクタピン番号を示す
② ● 直接結線 (ハンダ付) を示す。

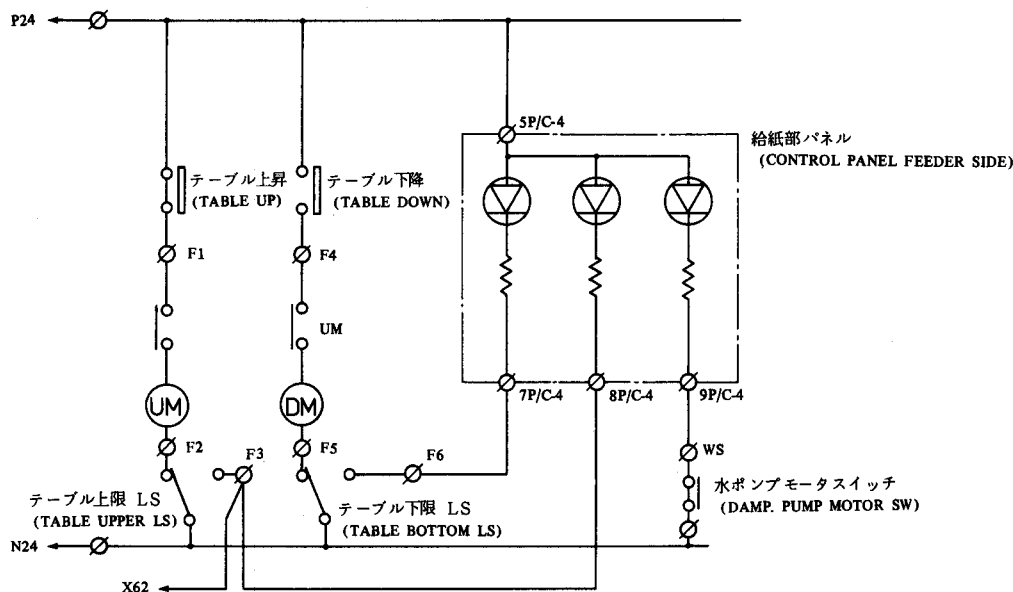
(NOTE) ① φ B/A A : Connector No.
B : Connector Pin No.
② φ MEANS DIRECT CONNECTION WITHOUT CONNECTER

(β 252 - SF CIRCUIT FOR FEED TABLE
UP/DOWN)

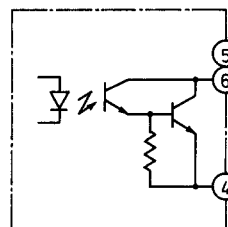
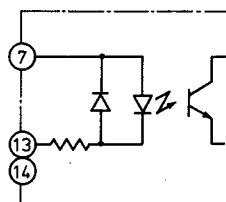
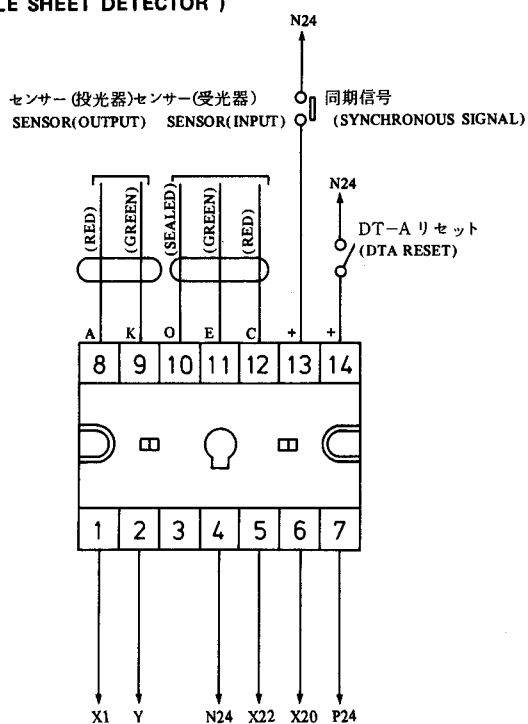


(注) ① φ B/A A はコネクタ番号
B はコネクタピン番号を示す。

(NOTE) ① φ B/A A : Connector No.
B : Connector Pin No.

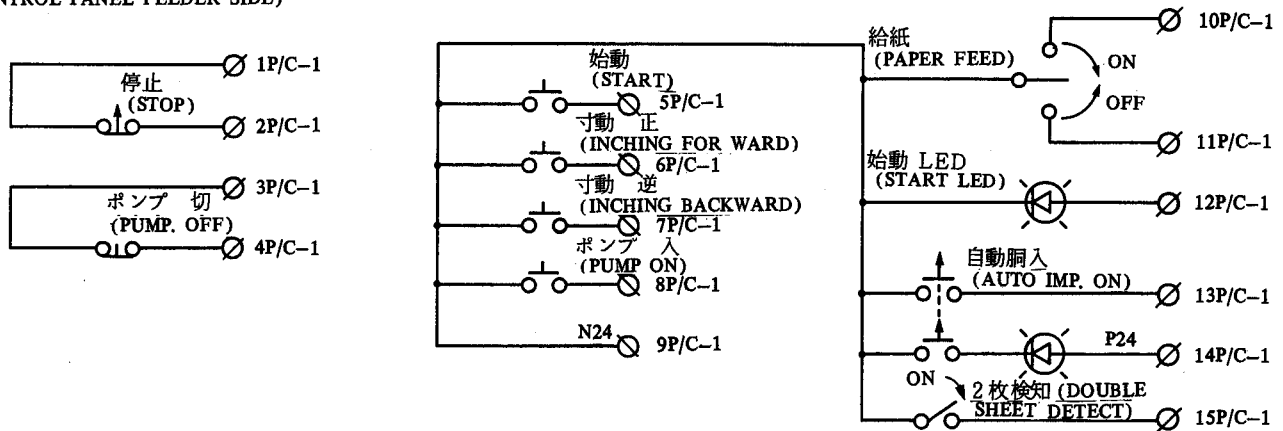


(β252 – SF DOUBLE SHEET DETECTOR)

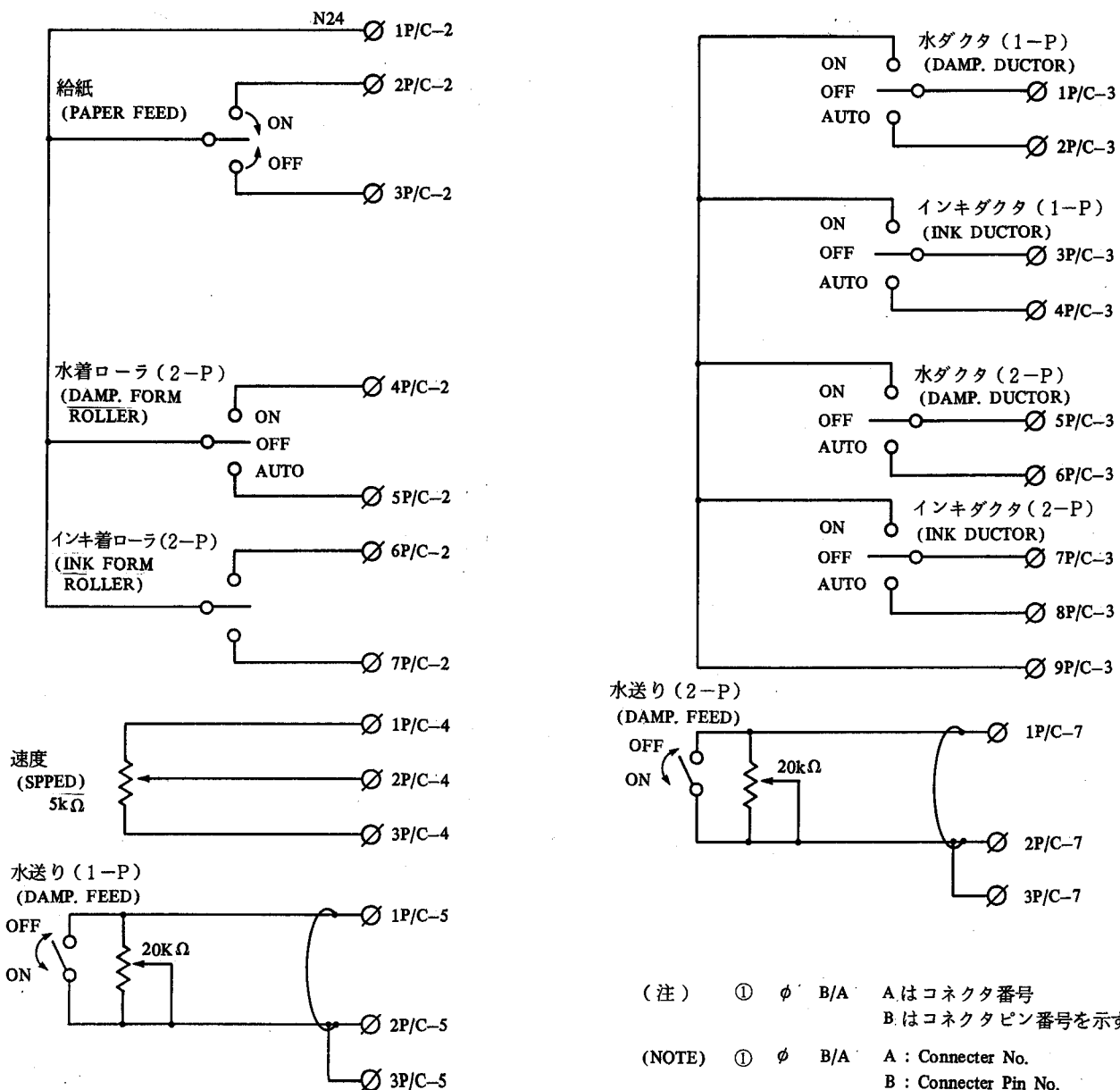


β252-SF 操作パネル結線図 (β252 - SF CONTROL PANEL CONNECTIONS)

① 給紙部操作パネル (CONTROL PANEL FEEDER SIDE)

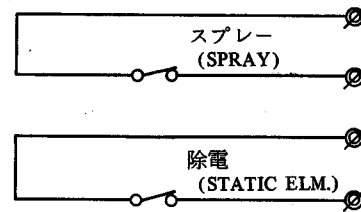
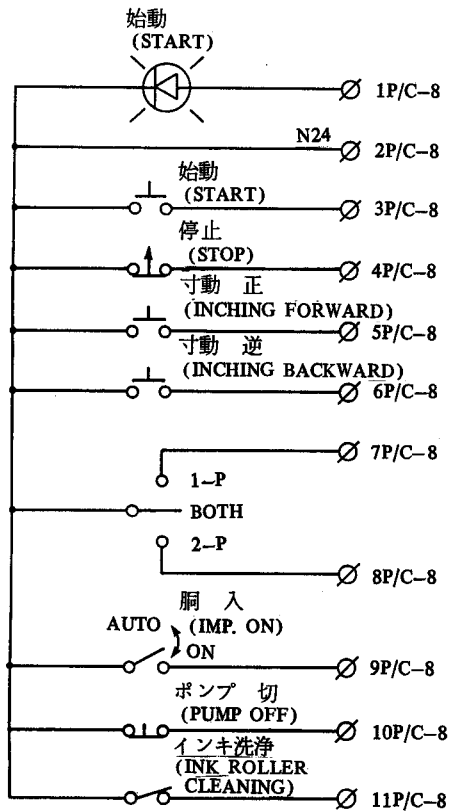


② 排紙部操作パネル (OP-S) (CONTROL PANEL DELIVERY SIDE)

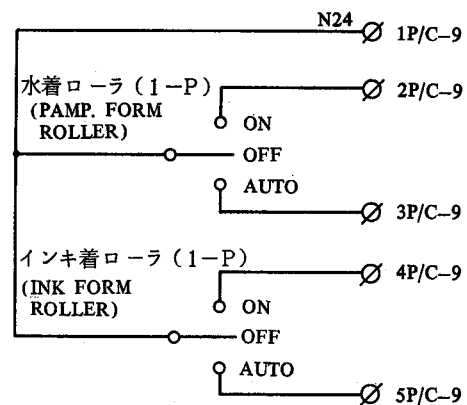
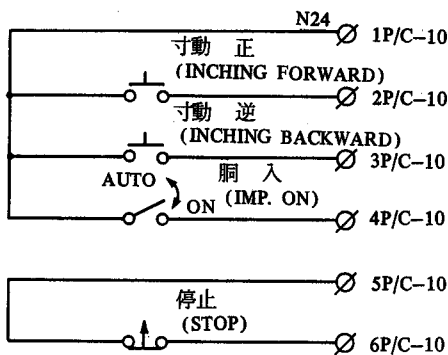


β252-SF 操作パネル結線図 (β252 - SF CONTROL PANEL CONNECTIONS)

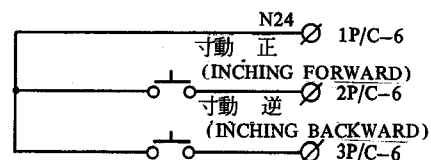
③ 排紙部操作パネル (NOP-S) (CONTROL PANEL DELIVERY SIDE)



④ スイッチボックス (SWITCH BOX)



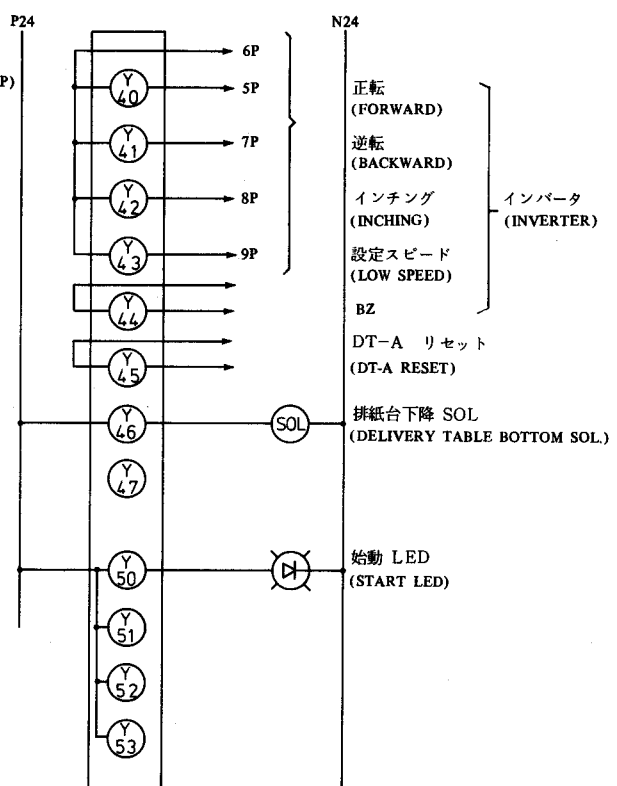
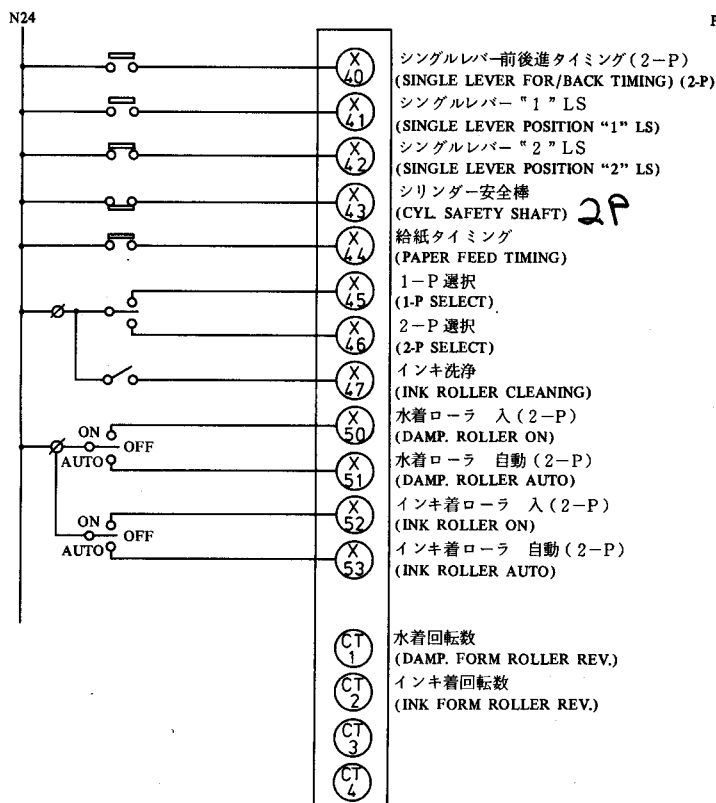
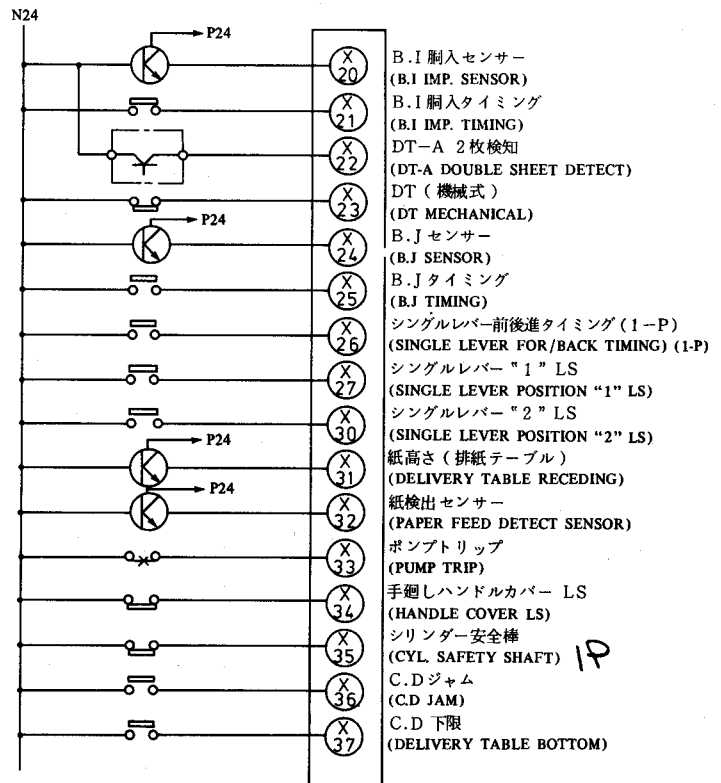
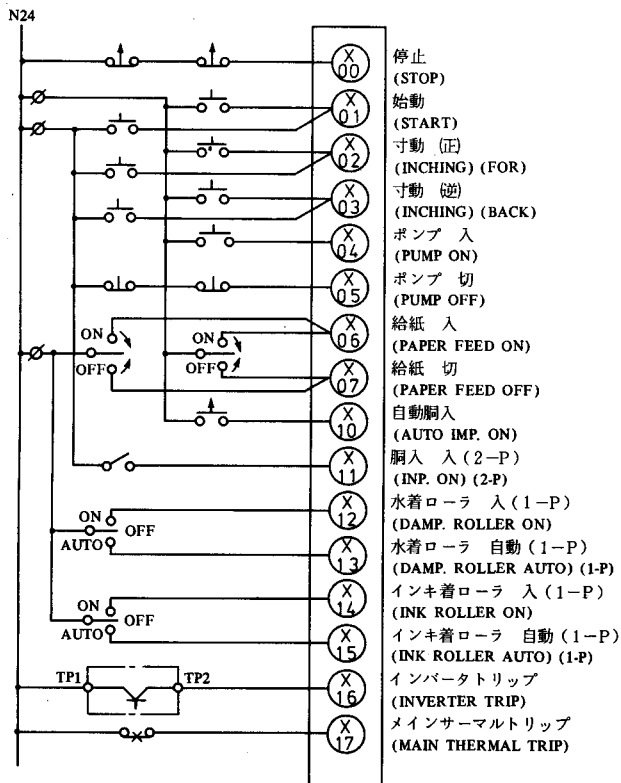
⑤ スイッチボックス (インチング) (SWITCH BOX (INCHING))



(注) ① ∅ B/A Aはコネクタ番号
Bはコネクタピン番号を示す
② ⊙ 直接結線 (ハンダ付) を示す。

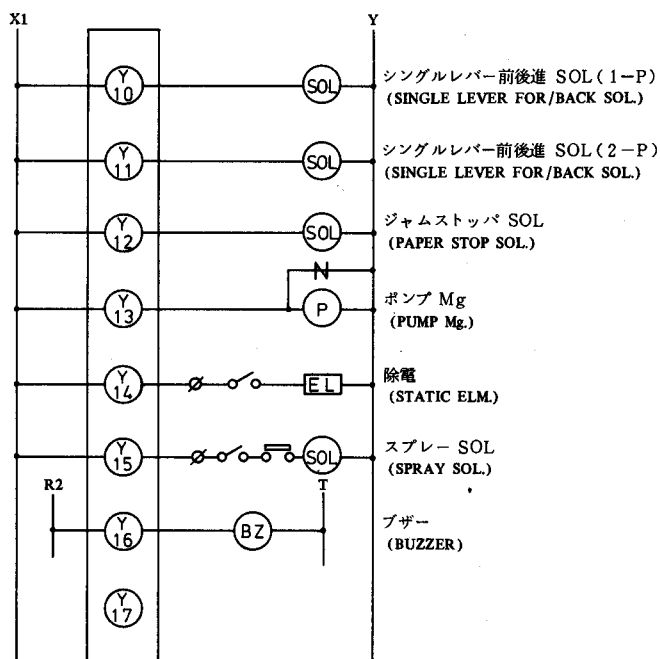
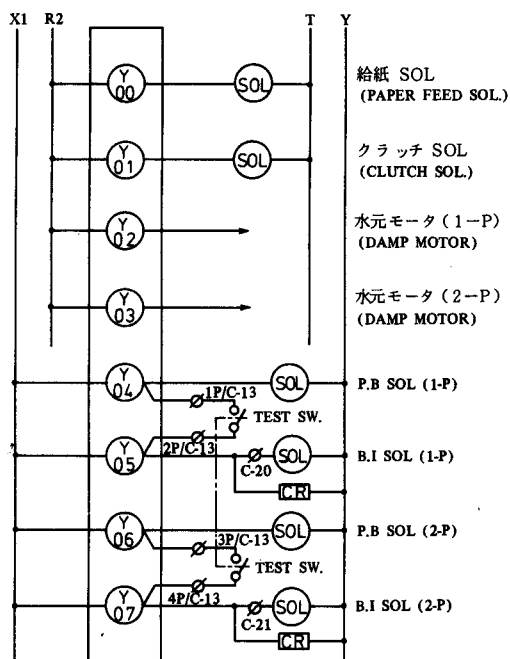
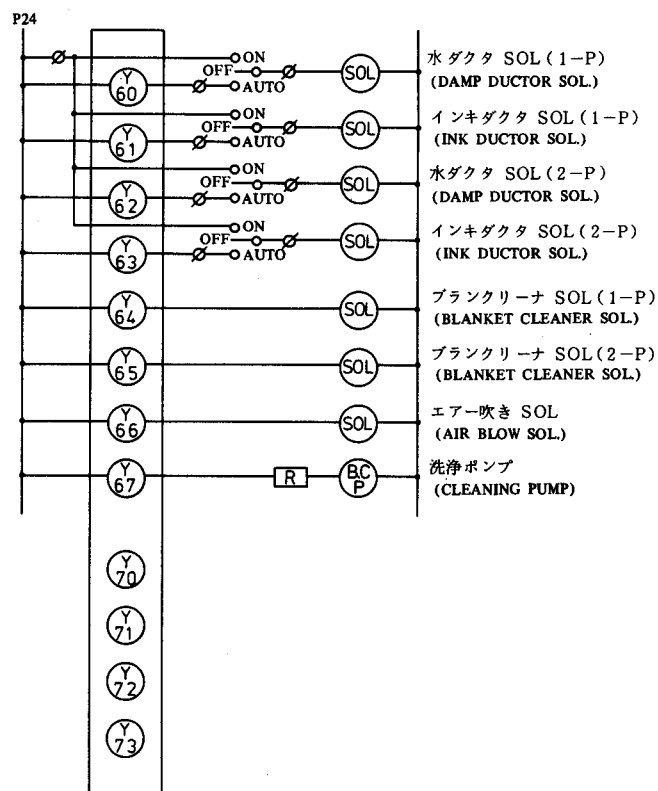
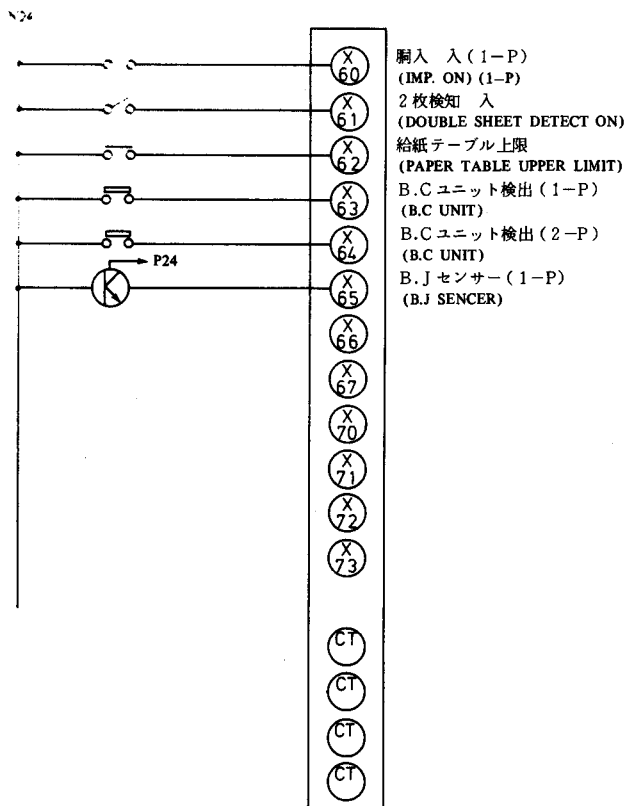
(NOTE) ① ∅ B/A A : Connector No.
B : Connector Pin No.
② ∅ MEANS DIRECT CONNECTION WITHOUT CONNECTER

β252-SF シーケンサ入出力表
(β252 - SF SEQUENCER INPUT/OUTPUT CONNECTIONS)

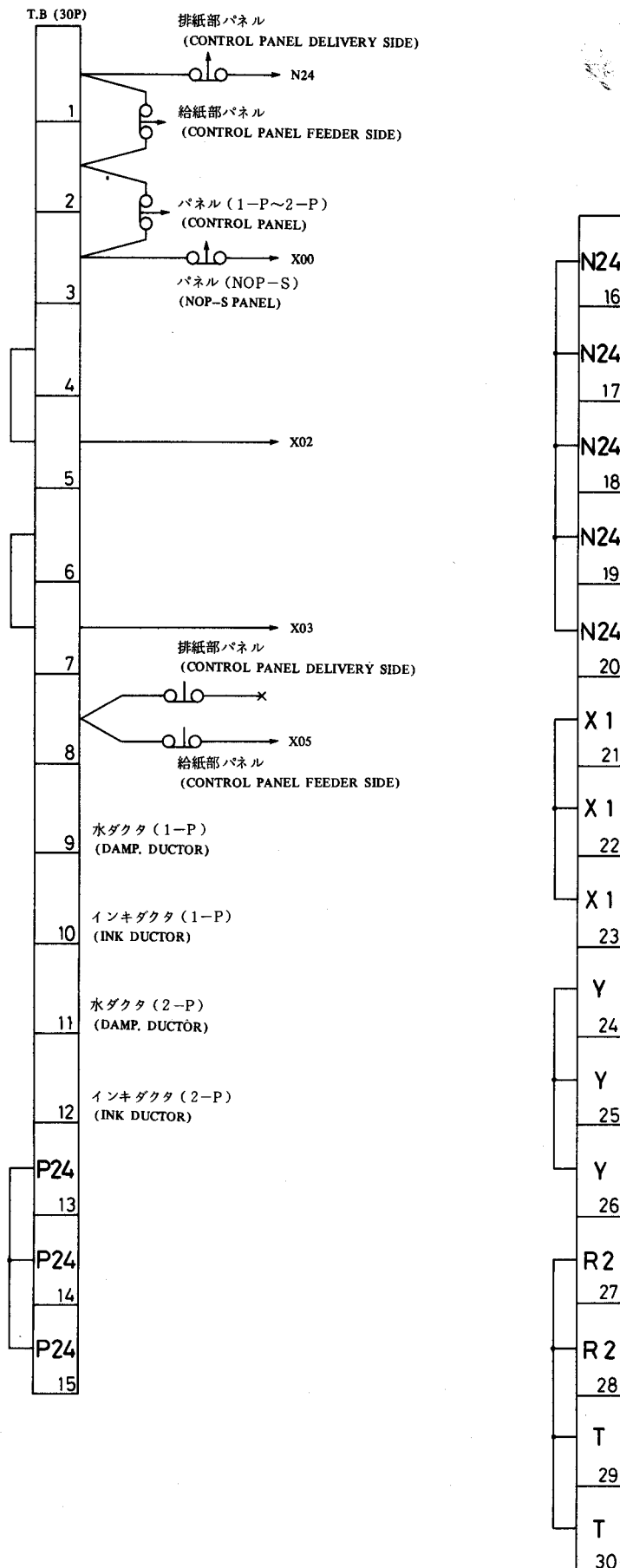


β252-SF シーケンサ入出力表

(β252 - SF SEQUENSER INPUT/OUTPUT CONNECTIONS)



β252-SF 端子台配置図
(β252 - SF TERMINAL ARRANGEMENT)



1P	N 24
2P	X 17
3P	X 20
4P	X 22
5P	X 33
6P	X 62
7P	Y 45
8P	Y 45
9P	
10P	P 24
11P	
12P	

※ シーケンサ ↔ 制御盤
(SEQUENSER ↔ CONTROL BOX)
コネクタ C-12
(CONNECTER C-12)

C

C

C

