

はじめに

パーツカタログの 使用方法について

弊社にこれまで多量のご注文をいただき、また、その量も新しいハマダシリーズ発表と共に益々増加の一途をたどっていることに強い誇りを持つと共に皆様に厚く有難くお礼申上げる次第でございます。

この小冊子は、ハマダシリーズご使用の皆様方がご愛用機を常時最高の状態に維持して行くために何らかの調整並びに修理をする際の便宜をはかれればと思つて準備したものでございます。“ハマダシリーズ”はこれまでに販売されています小型オフセット印刷機の中で最も斬新にしてコンパクトなもので、機構的にも、性能的にもまた、その経済性においてもご使用の皆様方にきつとご満足戴くことができると思います。

多年に亘つて高い能率と経済性を維持して行く為には、ご愛用各位におかれましての適切な注意、点検と品質の高い部品との交換を計ることが不可欠なことでございます。

弊社には常時、厳選された部品が豊富にストックしてありますので、“ハマダシリーズ”ご修理の際は、純正部品を取り寄せてご使用下さるようお勧めいたします。

皆様に一段と秀れた改良機を紹介するため、我々は絶えず調査活動を行つておりますし、これまでも強力な活動を続けて参つております。

弊社“ハマダシリーズ”を尚一層ご利用下さいませよう伏してお願い申し上げます。

1. このパーツカタログは、必要な部品をイラスト図面と照合するだけで確認できるようになっております。

ご注文の際には、ご使用の機械名と機械番号、パーツカタログの左上にありますフィギュアコード番号および必要部品のインデックスNoと必要数量を連絡するだけで注文ができます。

但し部品の中には構造上、精度上の関係から工場出荷時より組付けた状態（アッセンパーツ）で出荷せざるを得ない部品がありますので予めご了承願います。

2. **611・612**シリーズの部品番号には、**611・612**シリーズ専用部品と 附属部品の2種類に大別されております。

611・612シリーズ専用部品の番号構成は次の通りです。

例 CK 01-01



3. ハマダシリーズに使用されております附属部品（ボルト、ナット、ワッシャー等）は個々部品の寸法の違いにより数多い点数となります。

従ってこれらの部品は、ハマダシリーズ専用部品とは区別し、弊社の全製品（高速度凸版輪転機、オフセット輪転機等）に使用されている附属品と規格を整理統一、特別な番号を付けてあります。

番号の数字によってその部品の規格が判明するようになっており、かつまた、生産の合理化を目標としたものです。

例 101 - 366

101	—	366
↓		↓
六角ボルトの標示		6mm径×16mm長
従って101-366の部品は六角ボルトで、径が6mm 長さが16mmであることが判明する訳です。		

これらの附属部品の番号、仕様の一覧表は4Pを参照してご利用下さい。

4. このパーツカタログは“611・612シリーズ”を給紙側より排紙側までの機構を6グループに区別構成されております。

この6グループの内には、611・612シリーズ専用部品と他にハマダシリーズと互換の利く部品（H、M、I、R、B、A、X、KC、PC、MC、HC）から構成してあります。

CK グループ……………給紙部・カバー部

CP グループ……………インキ部・給湿部

CMグループ……………印刷部

CH グループ……………排紙部

E グループ……………電気部

4808グループ……………給排版部(611XLA,612XLA専用)

5. このパーツカタログは、精密な立体組立図により構成されておりますから、御社での簡単な修理作業及び“**611・612**シリーズ”のメカニズムを理解する上に於て本書は十分にお役にたつことと存じます。

6. このパーツカタログは、予告なく変更する場合があります。

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 611/612 Series only and some are not. Parts of 611/612 Series are shown in the catalog as follows.

(Example)

CK01-01

CK = Group symbol

01 = Sub-division

01 = Parts code

CK01-01A

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 presses, etc.) are shown as follows.

(Example)

101-366

101 = Hexagon bolt

366 = 6 mm dia. 16 mm long

4. This parts catalog is designed for use of 611, 612 Series Presses, and has 6 groups. These 6 groups are composed of the parts exclusively used on 611/612 Series and the parts (H. M. I. R. B. A. X. KC. PC. MC. HC) interchangeably used on other Hamada Series Presses.

CK Group Feed Section, Covers

CP Group Ink Section, Dampening Section

CM Group Press Section

CH Group Delivery Section

E Group Electric Section

4808 Group Master Insert Eject Section

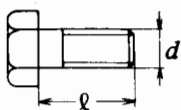
(for 611XLA. 612XLA)

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

規格部品リスト

STANDARD STOCK PARTS. NO.

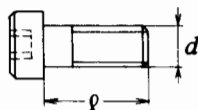
六角ボルト



Screw

	$d \times l$
101 - 358	M6 x 8
101 - 360	M6 x 10
101 - 362	M6 x 12
101 - 366	M6 x 16
101 - 370	M6 x 20
101 - 375	M6 x 25
101 - 381	M6 x 35
101 - 383	M6 x 45
101 - 384	M6 x 50
101 - 384.5	M6 x 50
101 - 420	M4 x 20
101 - 466	M8 x 16
101 - 470	M8 x 20
101 - 482	M8 x 40
101 - 483	M8 x 45
101 - 488	M8 x 70
101 - 508	M5 x 8
101 - 510	M5 x 10
101 - 512	M5 x 12
101 - 516	M5 x 16
101 - 525	M5 x 25
101 - 530	M5 x 30
101 - 570	M10 x 30
101 - 620	M12 x 30

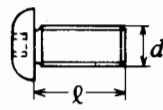
キャップ
ボルト



Screw

	$d \times l$
117 - 358	M6 x 8
117 - 360	M6 x 10
117 - 362	M6 x 12
117 - 365	M6 x 15
117 - 366	M6 x 16
117 - 368	M6 x 18
117 - 370	M6 x 20
117 - 370.01	M6 x 20
117 - 375	M6 x 25
117 - 380	M6 x 30
117 - 381	M6 x 35
117 - 406	M4 x 6
117 - 408	M4 x 8
117 - 408.01	M4 x 8
117 - 410	M4 x 10
117 - 412	M4 x 12
117 - 412.01	M4 x 12
117 - 415	M4 x 15
117 - 425	M4 x 25
117 - 468	M8 x 18
117 - 470	M8 x 20
117 - 472	M8 x 22
117 - 475	M8 x 25
117 - 481	M8 x 35
117 - 482	M8 x 40
117 - 508	M5 x 8
117 - 508.01	M5 x 8
117 - 510	M5 x 10
117 - 510.01	M5 x 10
117 - 512	M5 x 12
117 - 512.01	M5 x 12
117 - 515	M5 x 15
117 - 515.01	M5 x 15
117 - 516	M5 x 16
117 - 520	M5 x 20
117 - 520.01	M5 x 20
117 - 522	M5 x 22
117 - 525	M5 x 25
117 - 531	M5 x 35
117 - 534	M5 x 50
117 - 555	M10 x 15
117 - 560	M10 x 20
117 - 573	M10 x 45

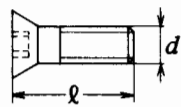
六角穴付
なべ小ネジ



Screw

	$d \times l$
125 - 606	M3 x 6
125 - 608	M3 x 8
125 - 610	M3 x 10
125 - 615	M3 x 15
125 - 618	M3 x 18
125 - 620	M3 x 20
125 - 625	M3 x 25
125 - 630	M3 x 30
125 - 655	M4 x 5
125 - 656	M4 x 6
125 - 658	M4 x 8
125 - 660	M4 x 10
125 - 662	M4 x 12
125 - 665	M4 x 15
125 - 668	M4 x 18
125 - 672	M4 x 22
125 - 675	M4 x 25
125 - 680	M4 x 30
125 - 705	M5 x 5
125 - 706	M5 x 6
125 - 708	M5 x 8
125 - 710	M5 x 10
125 - 712	M5 x 12
125 - 715	M5 x 15
125 - 718	M5 x 18
125 - 720	M5 x 20
125 - 722	M5 x 22
125 - 725	M5 x 25
125 - 758	M6 x 8
125 - 760	M6 x 10
125 - 762	M6 x 12
125 - 765	M6 x 15
125 - 768	M6 x 18
125 - 772	M6 x 22
125 - 775	M6 x 25

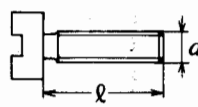
六角穴付
さらボルト



Screw

	$d \times l$
122 - 006	M3 x 6
122 - 055	M4 x 5
122 - 056	M4 x 6
122 - 058	M4 x 8
122 - 060	M4 x 10
122 - 108	M5 x 8
122 - 110	M5 x 10
122 - 112	M5 x 12
122 - 115	M5 x 15
122 - 120	M5 x 20
122 - 125	M5 x 25
122 - 130	M5 x 30
122 - 162	M6 x 12
122 - 165	M6 x 15
122 - 172	M6 x 22
122 - 180	M6 x 30
122 - 765	M8 x 15

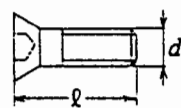
平小ネジ



Screw

	$d \times l$
111 - 314	M3 x 14

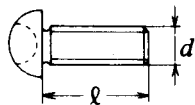
十字穴付
さら小ネジ



Screw

	$d \times l$
122 - 306.01	M3 x 6
122 - 410.01	M4 x 10
122 - 510	M5 x 10
122 - 512.01	M5 x 12

十字穴付
ボルト



Screw

	$d \times l$
125 - 056	M 3 x 6
125 - 056.01	M 3 x 6
125 - 065.01	M 3 x 15
125 - 070.01	M 3 x 20
125 - 106.01	M 4 x 6
125 - 108	M 4 x 8
125 - 108.01	M 4 x 8
125 - 110.01	M 4 x 10
125 - 158.01	M 5 x 8

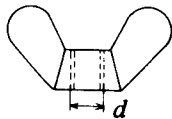
ホローセット
ネジ



Set Screw

	$d \times l$
145 - 355	M6 x 5
145 - 356	M6 x 6
145 - 356.01	M6 x 6
145 - 358	M6 x 8
145 - 360	M6 x 10
145 - 362	M6 x 12
145 - 365	M6 x 15
145 - 404	M4 x 4
145 - 405	M4 x 5
145 - 405.01	M4 x 5
145 - 406	M4 x 6
145 - 406.01	M4 x 6
145 - 408	M4 x 8
145 - 410	M4 x 10
145 - 458	M8 x 8
145 - 460	M8 x 10
145 - 505	M5 x 5
145 - 506	M5 x 6
145 - 506.01	M5 x 6
145 - 508	M5 x 8
145 - 508.01	M5 x 8
145 - 510	M5 x 10
145 - 515	M5 x 15

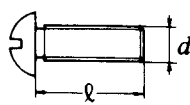
蝶ナット



Wing Nut

	d
163 - 105	M 5

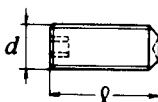
丸小ネジ



Screw

	$d \times l$
125 - 320	M3 x 20
125 - 510	M5 x 10
125 - 565	M5 x 65

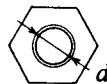
六角穴付
止めねじ



Set Screw

	$d \times l$
141 - 406	M4 x 6

六角ナット



Nut

	d
170 - 103	M 3
170 - 104	M 4
170 - 104.01	M 4
170 - 105	M 5
170 - 105.01	M 5
170 - 105.3	M 5
170 - 106	M 6
170 - 106.01	M 6
170 - 106.3	M 6
170 - 108	M 8
170 - 108.01	M 8
170 - 108.3	M 8
170 - 110	M10
170 - 112	M12
170 - 116	M16

軸用C形止め輪



C - Ring

	d
181 - 006	6 ϕ
181 - 010	10 ϕ
181 - 012	12 ϕ
181 - 015	15 ϕ
181 - 016	16 ϕ
181 - 020	20 ϕ
181 - 025	25 ϕ
181 - 030	30 ϕ

穴用C形止め輪



C - Ring

	D
181 - 232	32 ϕ
181 - 235	35 ϕ

ホローセット
ネジ



Set Screw

	$d \times l$
140 - 360	M 6 x 10
140 - 362	M 6 x 12

ロックワッシャ



Lock Washer

	d
180 - 103	3.1 ϕ
180 - 103.01	3.1 ϕ
180 - 104	4.1 ϕ
180 - 104.01	4.1 ϕ
180 - 105	5.1 ϕ
180 - 105.01	5.1 ϕ
180 - 106	6.1 ϕ
180 - 106.01	6.1 ϕ
180 - 108	8.2 ϕ
180 - 108.01	8.2 ϕ
180 - 110	10.2 ϕ
180 - 112	12.2 ϕ
180 - 116	16.2 ϕ

E型ワッシャ



E - Ring

	d
181 - 403	3 ϕ
181 - 403.01	3 ϕ
181 - 404	4 ϕ
181 - 404.01	4 ϕ
181 - 405	5 ϕ
181 - 406	6 ϕ
181 - 406.01	6 ϕ
181 - 408	8 ϕ
181 - 408.01	8 ϕ
181 - 409	9 ϕ
181 - 410	10 ϕ
181 - 412	12 ϕ

波座金

Wave Washer

	d
180 - 175	5 ϕ
180 - 176	6 ϕ
180 - 178	8 ϕ
180 - 182	12 ϕ

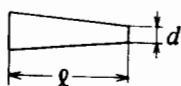
軸受用座金



Washer

	D
180 - 704	20 ϕ
180 - 705	25 ϕ

テーパピン



Set Screw

	$d \times l$
182 - 146	3 $\phi \times 22$
182 - 161	4 $\phi \times 12$
182 - 167	4 $\phi \times 25$
182 - 168	4 $\phi \times 28$
182 - 169	4 $\phi \times 32$
182 - 171	4 $\phi \times 40$
182 - 189	5 $\phi \times 32$
182 - 190	5 $\phi \times 36$
182 - 191	5 $\phi \times 40$
182 - 193	5 $\phi \times 50$

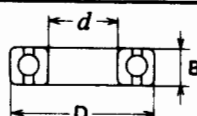
特殊平座金



Flat Washer

	d
184 - 154	5.3 ϕ
184 - 158	8.4 ϕ

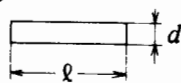
ベアリング



Bearing

	$d \times D \times B$
250 - 000.6	10 $\phi \times 26 \phi \times 8$
250 - 005.6	25 $\phi \times 47 \phi \times 12$
250 - 085.6	5 $\phi \times 11 \phi \times 3$
250 - 104.6	4 $\phi \times 12 \phi \times 4$
250 - 108.6	8 $\phi \times 22 \phi \times 7$
250 - 126.6	5 $\phi \times 19 \phi \times 6$
250 - 200.6	9 $\phi \times 26 \phi \times 8$
250 - 201.6	12 $\phi \times 32 \phi \times 10$
250 - 202.6	15 $\phi \times 35 \phi \times 11$
250 - 202.7	15 $\phi \times 35 \phi \times 11$

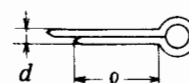
スプリングピン



Roll Pin

	$d \times l$
183 - 138	1.6 $\phi \times 6$
183 - 140	1.6 $\phi \times 10$
183 - 140.01	1.6 $\phi \times 10$
183 - 141	1.6 $\phi \times 12$
183 - 142.5	1.6 $\phi \times 15$
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 - 151.01	2 $\phi \times 12$
183 - 153.01	2 $\phi \times 16$
183 - 154	2 $\phi \times 18$
183 - 167	2.5 $\phi \times 14$
183 - 168	2.5 $\phi \times 16$
183 - 178	3 $\phi \times 6$
183 - 179	3 $\phi \times 8$
183 - 180	3 $\phi \times 10$
183 - 180.01	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 - 200	4 $\phi \times 10$
183 - 201	4 $\phi \times 12$
183 - 203	4 $\phi \times 16$
183 - 205	4 $\phi \times 20$
183 - 206	4 $\phi \times 22$
183 - 206.01	4 $\phi \times 22$
183 - 207	4 $\phi \times 25$
183 - 208	4 $\phi \times 28$
183 - 209	4 $\phi \times 32$
183 - 211	4 $\phi \times 40$
183 - 213	4 $\phi \times 50$
183 - 223	5 $\phi \times 16$
183 - 225	5 $\phi \times 20$
183 - 227	5 $\phi \times 25$
183 - 229	5 $\phi \times 32$
183 - 232	5 $\phi \times 45$
183 - 243	6 $\phi \times 16$
183 - 245	6 $\phi \times 20$
183 - 247	6 $\phi \times 25$
183 - 249	6 $\phi \times 32$

割ピン



Cotter Pin

	$d \times l$
183 - 725	0.9 $\phi \times 15$
183 - 743	1.6 $\phi \times 10$
183 - 744	1.6 $\phi \times 12$
183 - 767	2 $\phi \times 20$

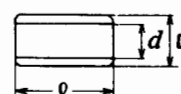
ワッシャ



Flat Washer

	d
184 - 103	3.2
184 - 104	4.3
184 - 105	5.3
184 - 106	6.4
184 - 106.01	6.4
184 - 106.02	6.4
184 - 108	8.4
184 - 108.01	8.4
184 - 110	10.5
184 - 112	13
184 - 114	15
184 - 116	16

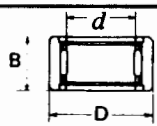
ブッシュ



Bushing

	$d \times D \times l$
243 - 606	8 $\phi \times 10 \phi \times 8$
243 - 609	8 $\phi \times 10 \phi \times 10$
243 - 612	10 $\phi \times 12 \phi \times 10$
243 - 614	10 $\phi \times 12 \phi \times 15$
243 - 617	12 $\phi \times 14 \phi \times 10$
243 - 619	12 $\phi \times 14 \phi \times 15$
243 - 620	12 $\phi \times 14 \phi \times 20$
243 - 624	14 $\phi \times 16 \phi \times 10$
243 - 625	14 $\phi \times 16 \phi \times 20$
243 - 631	16 $\phi \times 18 \phi \times 10$
243 - 633	16 $\phi \times 18 \phi \times 15$
243 - 634	16 $\phi \times 18 \phi \times 20$
243 - 635	16 $\phi \times 18 \phi \times 25$
243 - 641	6 $\phi \times 8 \phi \times 20$
243 - 645	20 $\phi \times 23 \phi \times 25$

保持器付針状
コロ軸受

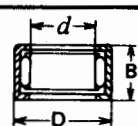


Needle Bearing

$d \times D \times B$

257 - 113 $12\phi \times 19\phi \times 16$

シェル形
針状コロ軸受

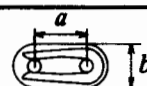


Needle Bearing

$d \times D \times B$

258 - 002 $3/16'' \times 11/32'' \times 3/8''$
 $5\phi \times 9\phi \times 9\phi$

継手リンク

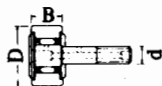


Chain
Connecting Link

$a \times b$

280 - 000.1 6.35×5.05
280 - 002 9.525×8.3
280 - 005 12.70×8.0
280 - 005.2 12.70×8.0

ローラーフォロア

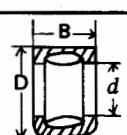


Roller Follower

$d \times D \times B$

258 - 651.1 $8\phi \times 19\phi \times 11$

ラジアルニードル
ベアリング



Needle Bearing

$d \times D \times B$

258 - 235 $1/4'' \times 7/16'' \times 7/16''$

Oリング

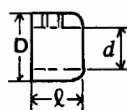


O-Ring

d

324 - 344 41.7ϕ
324 - 622 29.74ϕ

カラー

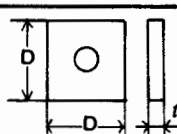


Collar

$d \times D \times l$

185 - 0810.01 $8\phi \times 16\phi \times 10$
185 - 1212.04 $12\phi \times 20\phi \times 12$
185 - 1615.01 $16\phi \times 28\phi \times 15$

角座金

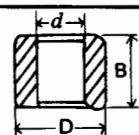


Square Washer

$D \times t$

184 - 965 20×2.3

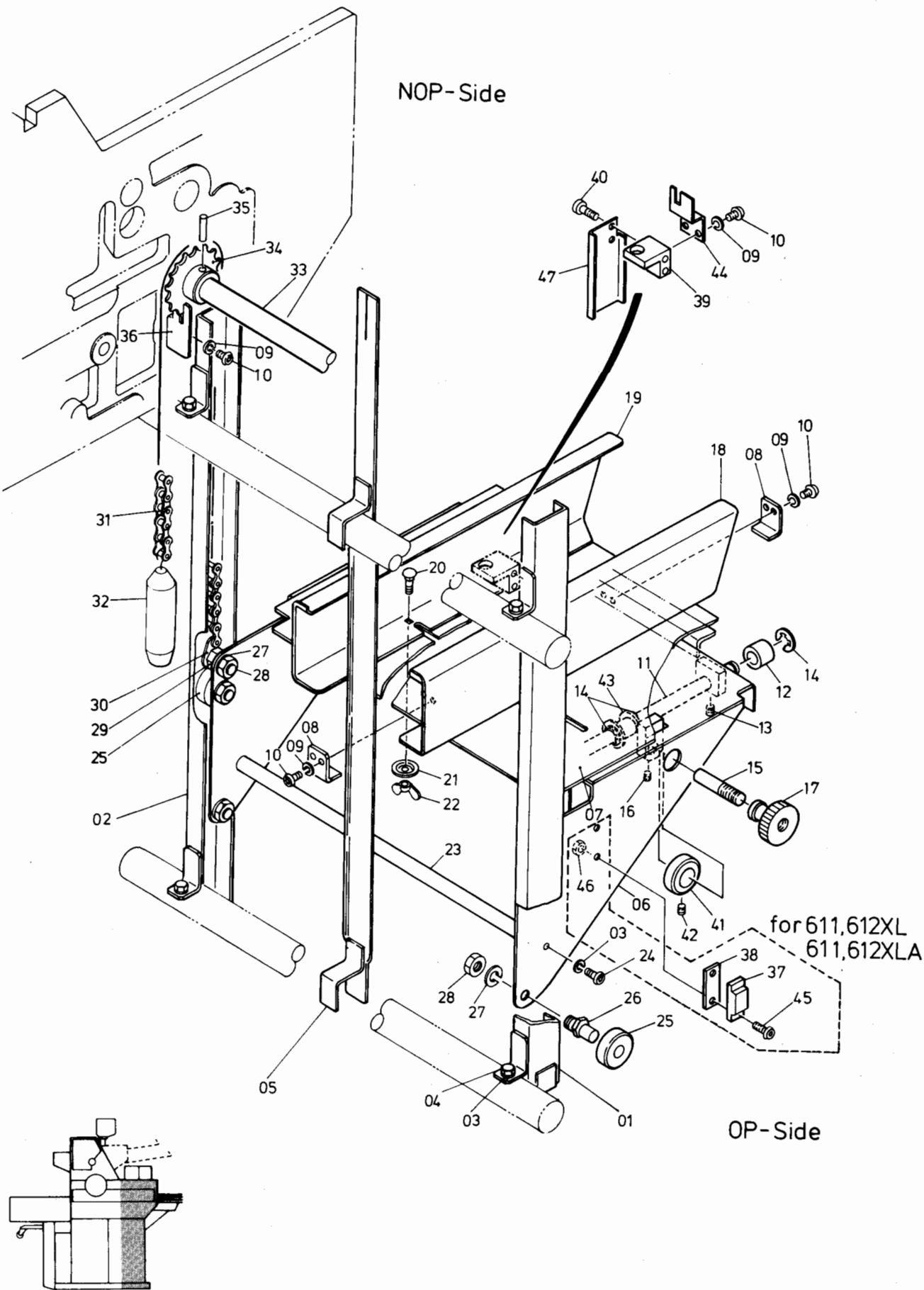
インナスリーブ



Inner Sleeve

$d \times D \times B$

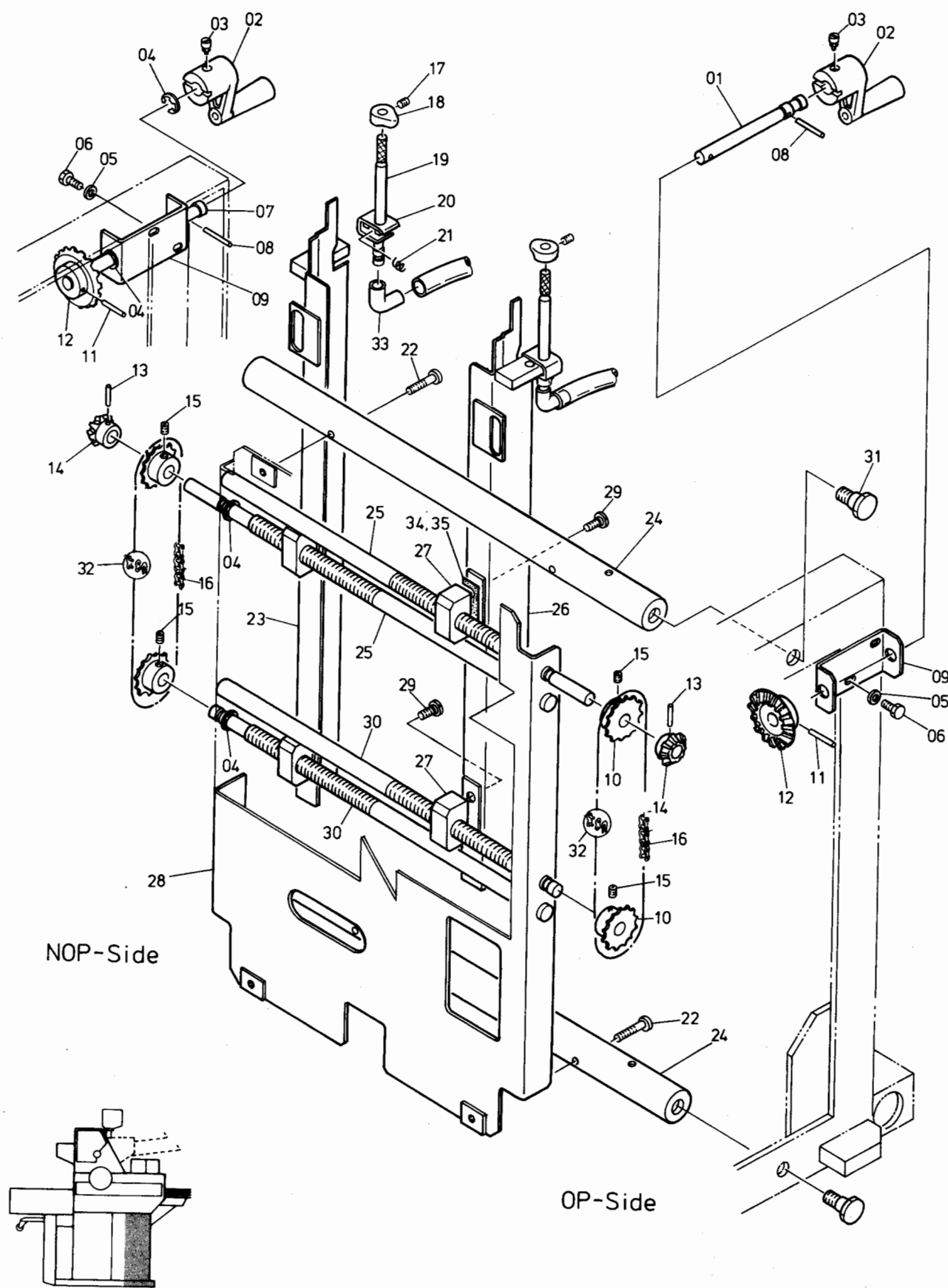
258 - 263 $9\phi \times 12\phi \times 16$



**Feed Section
Paper Table and Elevator**

N2001

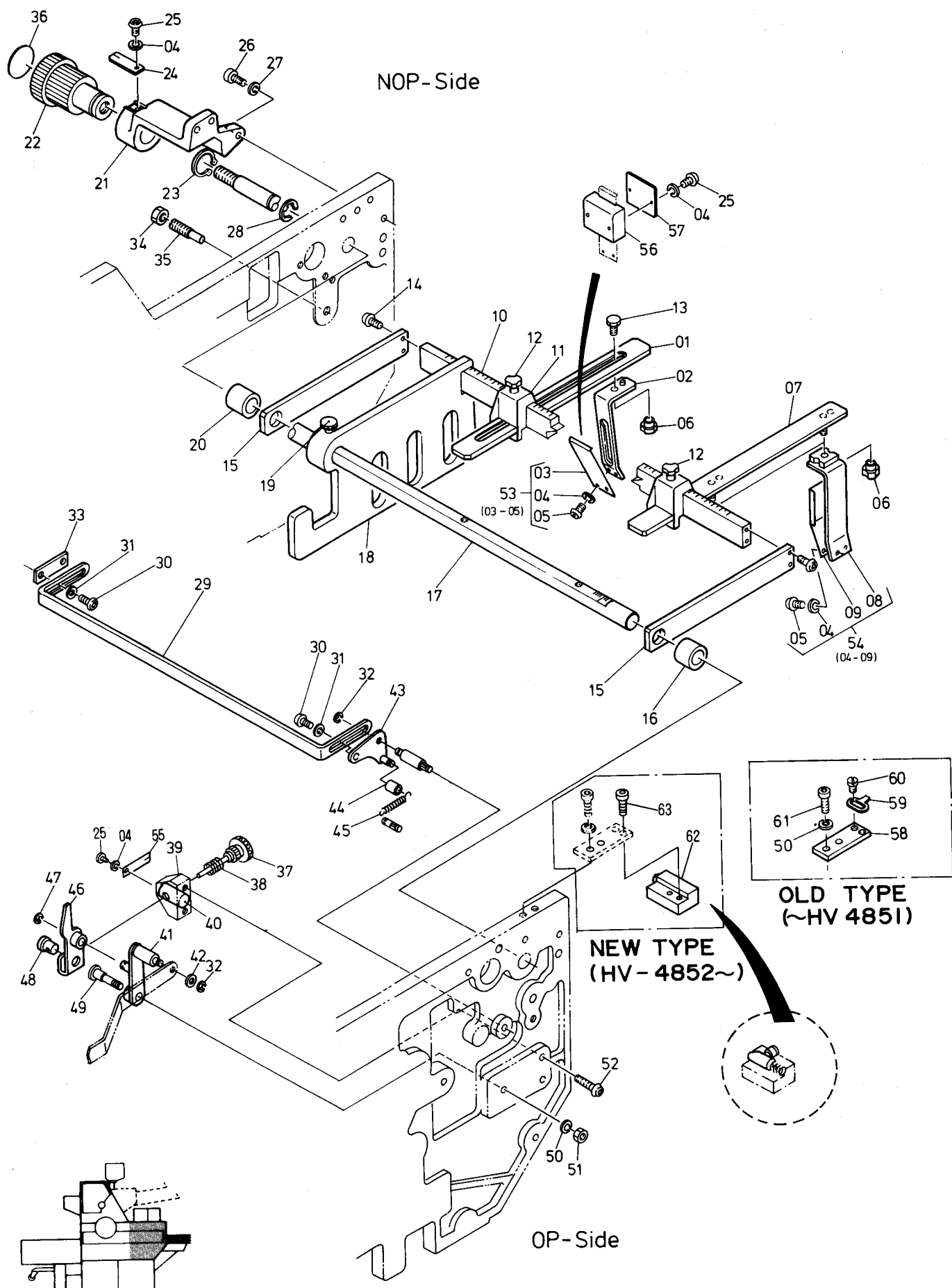
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK06-20A	Guide Channel	OP-S	1	1	1
02	CK06-21A	Guide Channel	NOP-S	1	1	1
03	180-106	Lock Washer		4	4	4
04	101-362	Screw		4	4	4
05	CK06-15	Front Guide		1	1	1
06	CK06-01	Paper Table Support Frame		1	1	1
07	CK06-02A	Paper Table		1	1	1
08	KC06-09	Bracket		2	2	2
09	180-105	Lock Washer		8	8	8
10	125-708	Screw		8	8	8
11	CK06-24	Paper Table Pilot Shaft		2	2	2
12	CK06-19	Needle Bearing		4	4	4
13	145-410	Screw		2	2	2
14	181-410	E-Ring		8	8	8
15	EH12-09	Paper Table Adjustable Screw		1	1	1
16	145-508	Set Screw		1	1	1
17	KC06-07	Paper Table Adjustable Knob		1	1	1
18	H12-05-01-3	Paper Table Bracket	OP-S	1	1	1
19	H12-06-01-3	Paper Table Bracket	NOP-S	1	1	1
20	H12-15-3	Screw		2	2	2
21	H12-16-3	Washer		2	2	2
22	163-105	Wing Nut		2	2	2
23	CK06-17	Paper Table Tie Rod		1	1	1
24	125-765	Screw		2	2	2
25	H12-13-3	Guide Roller		4	4	4
26	H12-10-3	Guide Roller Stud		4	4	4
27	180-110	Lock Washer		6	6	6
28	170-110	Nut		6	6	6
29	H12-07-3	Chain Lock Stud		2	2	2
30	H09-27-3	Chain Connecting Eyelet		2	2	2
31	KC06-48A	Chain		2	2	2
32	H09-29-1A-3	Chain Weight		2	2	2
33	CK06-16	Sprocket Shaft		1	1	1
34	H09-14-3	Sprocket		2	2	2
35	183-229	Roll Pin		2	2	2
36	CK06-23	Chain Guard	NOP-S	1	1	1
37	E10-14-3	Magnet		0	1	1
38	CK06-28	Magnet Bracket		0	1	1
39	CK06-22	Chain Stopper	OP-S	1	1	1
40	117-531	Screw		2	2	2
41	U10-15-3	Collar		1	1	1
42	145-358	Screw		1	1	1
43	KC06-60	Guide Roller		2	2	2
44	CK06-30	Chain Guard		1	1	1
45	125-615	Screw		0	2	2
46	170-103	Nut		0	2	2
47	CK16-29	Chain Guide		1	1	1
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**Feed Section
Paper Magazine Shifter**

N2002

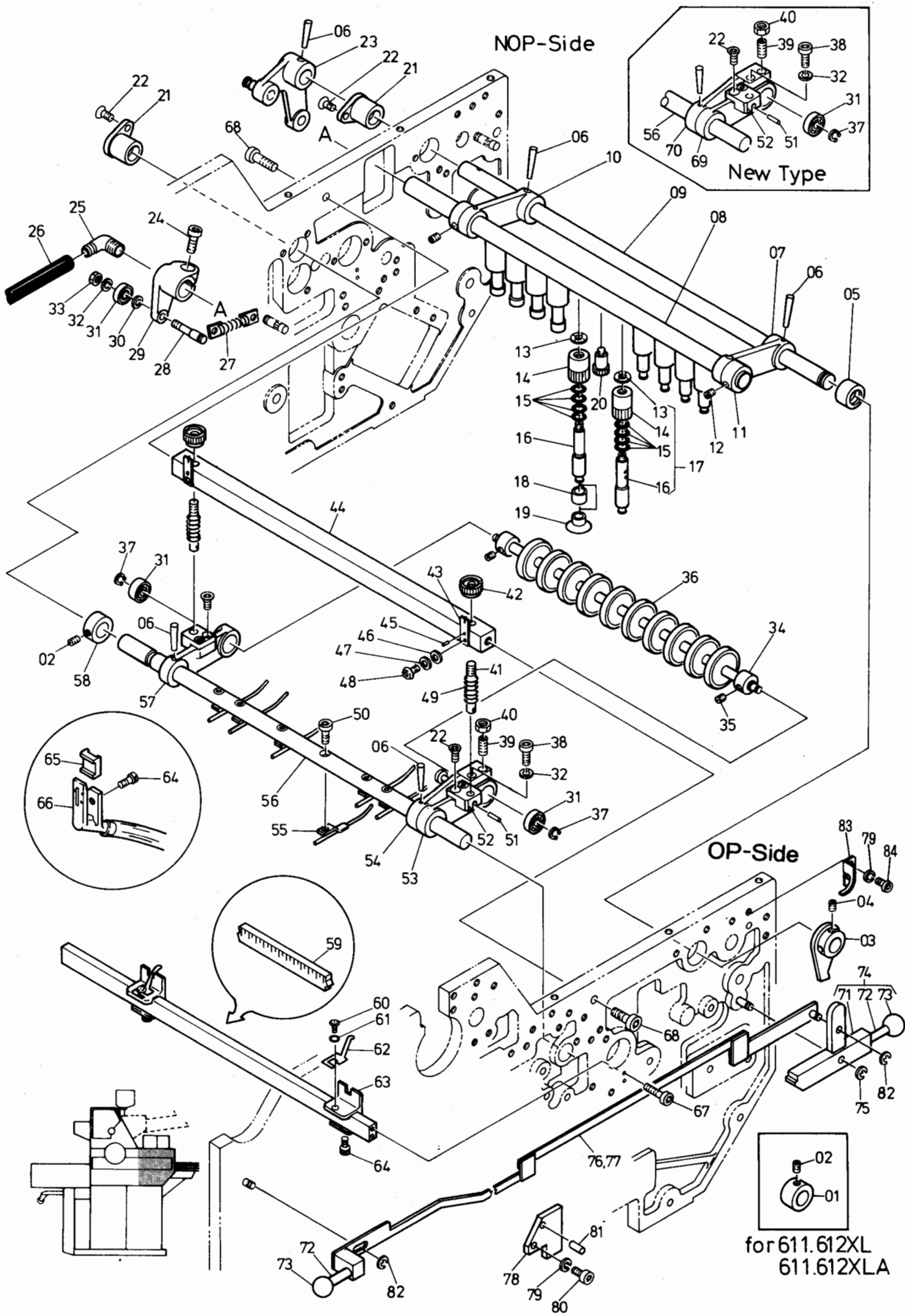
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK06-08	Shaft	OP-S	1	1	1
02	CK06-12A	Crank Handle	NOP-S	2	2	2
03	H09-02-3	Pilot Screw	Included in 02	2	2	2
04	181-410	E-Ring		7	7	7
05	184-106	Flat Washer		4	4	4
06	101-362	Screw		4	4	4
07	CK06-07	Shaft		1	1	1
08	183-209	Spring Pin		2	2	2
09	CK06-05	Bracket		2	2	2
10	CK06-09	Sprocket		4	4	4
11	183-189	Roll Pin		2	2	2
12	CK06-11	Bevel Gear		2	2	2
13	183-186	Roll Pin		2	2	2
14	CK06-10	Bevel Gear		2	2	2
15	145-358	Set Screw		4	4	4
16	KC06-32A	Chain		2	2	2
17	145-505	Set Screw		2	2	2
18	CK06-29	Blower Nozzle Knob		2	2	2
19	H12-38-3	Blower Nozzle		2	2	2
20	H12-47-1A-3	Blower Nozzle Bracket		2	2	2
21	H12-45-3	Spring		2	2	2
22	117-381	Screw		4	4	4
23	CK06-26	Paper Magazine Guide		1	1	1
24	CK01-06	Base Spreader		2	2	2
25	CK06-03	Paper Magazine Upper Guide Shaft		2	2	2
26	CK06-25	Paper Magazine Guide		2	2	2
27	CK06-18	Paper Magazine Guide Bracket		4	4	4
28	CK01-05	Bracket		1	1	1
29	KC06-19	Shoulder Screw		6	6	6
30	CK06-04	Paper Magazine Lower Guide Shaft		2	2	2
31	B01-18-3	Screw		4	4	4
32	280-000.2	Chain Connecting Link	Included in 16	2	2	2
33	KT-66-2	Hose Joint		2	2	2
34	CK06-31	Spacer t=0.1		1	1	1
35	CK06-32	Spacer t=0.2		1	1	1
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**Feed Section
Side and Back Guide**

N2003

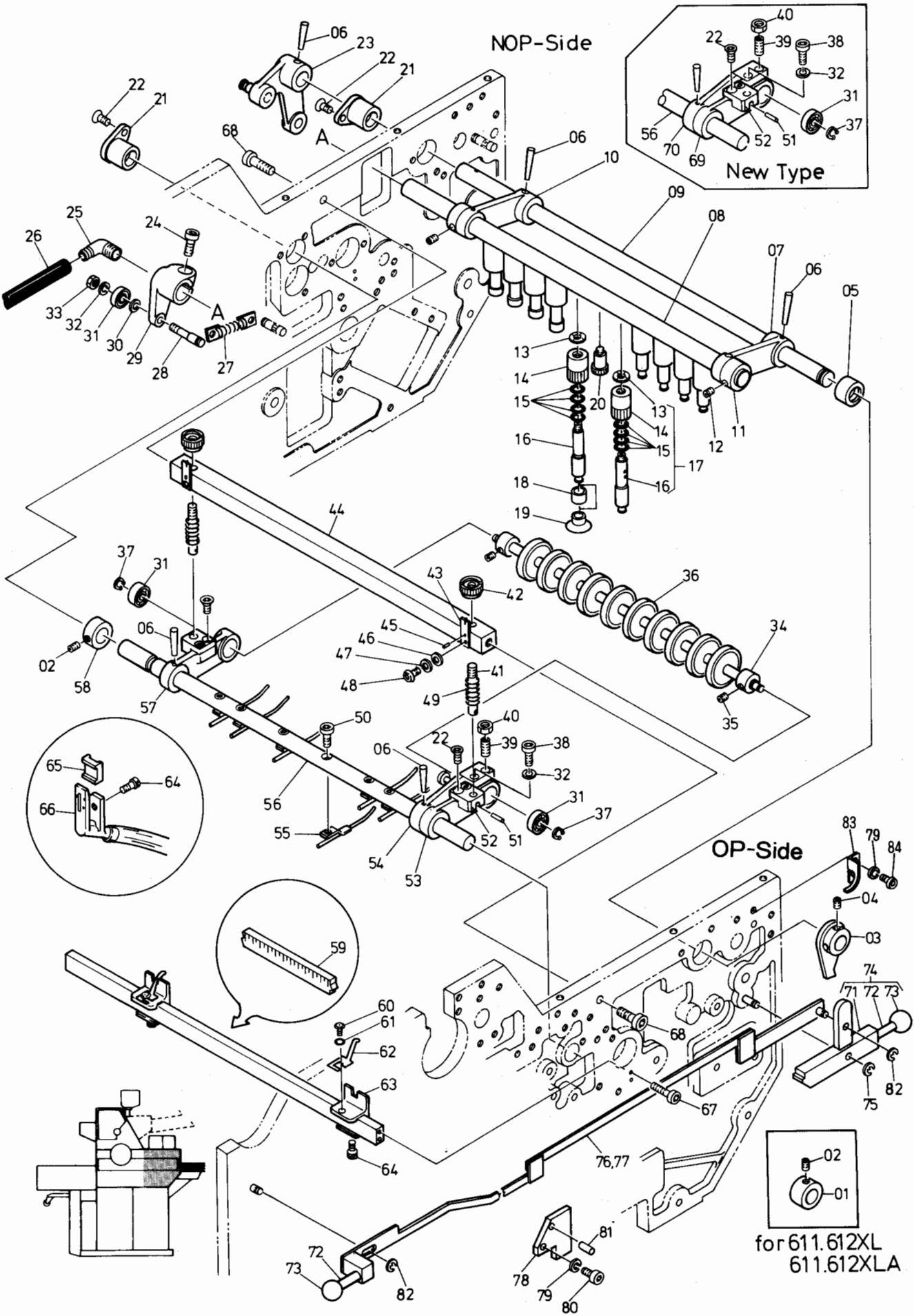
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK05-15	Back Guide Bar		1	1	1
02	CK05-16A	Back Guide		1	1	1
03	KC05-14	Plate Spring		1	1	1
04	180-104	Lock Washer		10	10	10
05	125-655	Screw		6	6	6
06	KC05-34	Back Guide Knob		3	3	3
07	CK05-21A	Side Guide Bar		1	1	1
08	CK05-18	Side Guide		2	2	2
09	CK05-20	Plate Spring		2	2	2
10	CK05-04	Guide Support Cross Bar	Metric	1	1	1
11	EH11-12	Mounting Bracket		2	2	2
12	KC05-33	Thumb Screw		2	2	2
13	CK05-13	Screw		1	1	1
14	125-715	Screw		4	4	4
15	CK05-03	Feeder Pile Guide Support Arm		2	2	2
16	CK05-07	Collar		1	1	1
17	CK05-26	Feeder Pile Guide Slide Shaft		1	1	1
18	CK05-01	Feeder Pile Guide		1	1	1
19	KC05-35	Adjusting Knob		1	1	1
20	CK05-25	Collar		1	1	1
21	CK05-27	Bracket		1	1	1
22	CK05-24	Guide Adjustment Micro-control Knob		1	1	1
23	181-025	C-Ring		1	1	1
24	H04-57-3	Plate Spring for Adjusting Snubber		1	1	1
25	125-656	Screw		4	4	4
26	117-520	Screw		3	3	3
27	180-105	Lock Washer		3	3	3
28	181-412	E-Ring		1	1	1
29	KC05-02	Height Control Bar		1	1	1
30	125-708	Screw		3	3	3
31	184-105	Flat Washer		3	3	3
32	181-404	E-Ring		2	2	2
33	CK05-29	Height Control Bar Connecting Link		1	1	1
34	170-108	Nut		1	1	1
35	CK05-11	Shoulder Screw		1	1	1
36	EH10-08	Name Plate		1	1	1
37	CK05-32A	Adjusting Knob for Height Control		1	1	1
38	H06-31-3	Spring		1	1	1
39	H06-32-3	Adjusting Knob Guide Block		1	1	1
40	CK05-31	Adjusting Knob Guide Block Swivel Pin		1	1	1
41	CK05-22A	Height Control Drive Lever		1	1	1
42	184-106	Flat Washer		1	1	1
43	CK05-28A	Height Control Lever		1	1	1
44	H06-15-01-3	Spacer		1	1	1
45	H06-16-02-3	Spring		1	1	1
46	H06-26-02-3	Height Control Intermediate Lever		1	1	1
47	181-406	E-Ring		1	1	1
48	H06-28-3	Height Control Adjusting Swivel Pin		1	1	1
49	CK05-12	Shoulder Screw		1	1	1
50	180-106	Lock Washer		1	1	3
51	170-106	Nut		1	1	1
52	125-730	Screw		2	2	2
53	CK05-16B	Back Guide Assy		1	1	1
54	CK05-18A	Side Guide Assy		2	2	2
55	CK05-30	Flat Spring		1	1	1
56	CK05-34	Weight		1	1	1
57	CK05-35	Plate		1	1	1
58	4808-01021	Block		0	0	1
59	4807-01024	Stopper for Feeder Device	~ HV-4851	0	0	1
60	X05-86-3	Screw	~ HV-4851	0	0	2
61	117-362	Screw		0	0	2
62	4807-01034A	Stopper for Feeder Device	HV-4852 ~	0	0	1
63	117-515	Screw		0	0	2
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Feed Section
Suction Foot and Pullout Roller

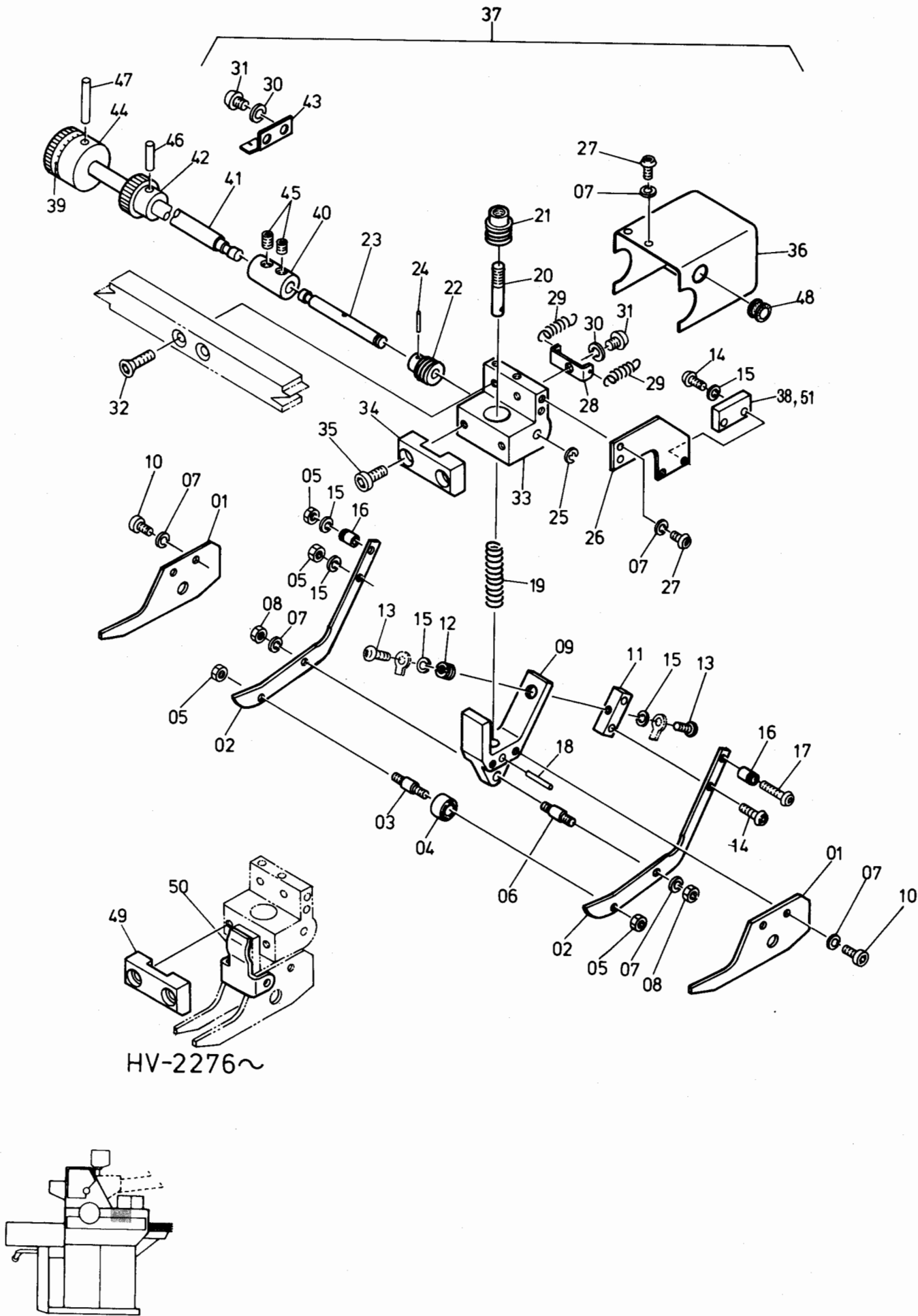
N2004

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK02-78	Collar		0	1	1
02	145-505	Set Screw		1	2	2
03	CK02-39A	Feed Control Lever		1	0	0
04	145-506	Set Screw		2	0	0
05	CK02-71	Bushing		1	1	1
06	182-169	Taper Pin		5	5	5
07	CK02-32	Pilot Shaft Bracket	OP-S	1	1	1
08	CK02-19A	Suction Pilot Shaft		1	1	1
09	CK02-29	Suction Pilot Shaft		1	1	1
10	CK02-67	Pilot Shaft Bracket	NOP-S	1	1	1
11	CK02-37	Collar		2	2	2
12	145-356	Set Screw		2	2	2
13	I27-42-3	Flat Washer		10	10	10
14	CK02-11	Suction ON-OFF Valve		10	10	10
15	CK02-46	O-Ring		40	40	40
16	CK02-12	Suction Foot		10	10	10
17	CK02-12A	Suction Foot Assy (12, 14, 15, 16)		10	10	10
18	CK02-61	Sucker for Thin Paper		10	10	10
19	CK02-77	Sucker for Heavy Stock		10	10	10
20	CK02-31	Plug		1	1	1
21	CK02-14	Bushing		2	2	2
22	122-110	Screw		6	6	6
23	CK08-18A	Suction Foot Drive Lever		1	1	1
24	117-468	Screw		1	1	1
25	CK02-24	Hose Joint		1	1	1
26	CK02-45	Hose		1	1	1
27	CM11-02	Spring		1	1	1
28	CK08-26	Pin		1	1	1
29	CK02-30	Suction Foot Operating Arm		1	1	1
30	I31-09-3	Spacer		1	1	1
31	250-126.6	Bearing		3	3	3
32	180-106	Lock Washer		2	2	2
33	170-106	Nut		1	1	1
34	CK02-79	Collar		2	2	2
35	145-508	Set Screw		2	2	2
36	CK02-20	Upper Pullout Roller		1	1	1
37	181-405	C-Ring		2	2	2
38	117-368	Screw		1	1	1
39	CK02-62	Set Screw		1	1	1
40	170-108	Nut		1	1	1
41	CK02-57	Pin		2	2	2
42	CK02-58	Knob		2	2	2
43	CK02-66	Flat Spring		2	2	2
44	CM01-07	Spreader		1	1	1
45	183-178	Roll Pin		2	2	2
46	184-104	Flat Washer		2	2	2
47	180-104	Lock Washer		2	2	2
48	125-656	Screw		2	2	2
49	CK02-64	Spring		2	2	2
50	117-515	Screw		6	6	6
51	183-182	Roll Pin		1	1	1
52	CK02-54	Bracket		2	2	2
53	CK02-72	Bracket for Pullout Roller	OP-S HV-2001 ~HV-2519	1	1	0
54	CK02-73	Drive Lever	HV-2001 ~HV-2519	1	1	0
55	CK02-59	Paper Guide		6	6	6
56	CK02-28	Upper Pullout Roller Pilot Shaft		1	1	1
57	CK02-55	Bracket for Pullout Roller	NOP-S	1	1	1
58	M05-37-3	Collar		1	1	1
59	CK05-02	Scaled Cross Bar		1	1	1
60	125-655	Screw		4	4	4
61	184-104	Flat Washer		4	4	4
62	H11-25-3	Sheet Separator		4	4	4
63	CK05-33	Sheet Separator Bracket		4	4	4
64	H11-34-3	Thumb Screw		4	4	4
65	H11-29-3	Bracket		2	2	2
66	H11-27-1A-3	Front Blower Nozzle		2	2	2
67	117-425	Screw		4	4	4
68	117-475	Screw		2	2	2
69	CK02-82	Bracket for Pullout Roller	OP-S HV-2520~	1	1	1
70	CK02-83	Drive Lever	HV-2525~	1	1	1



N2004

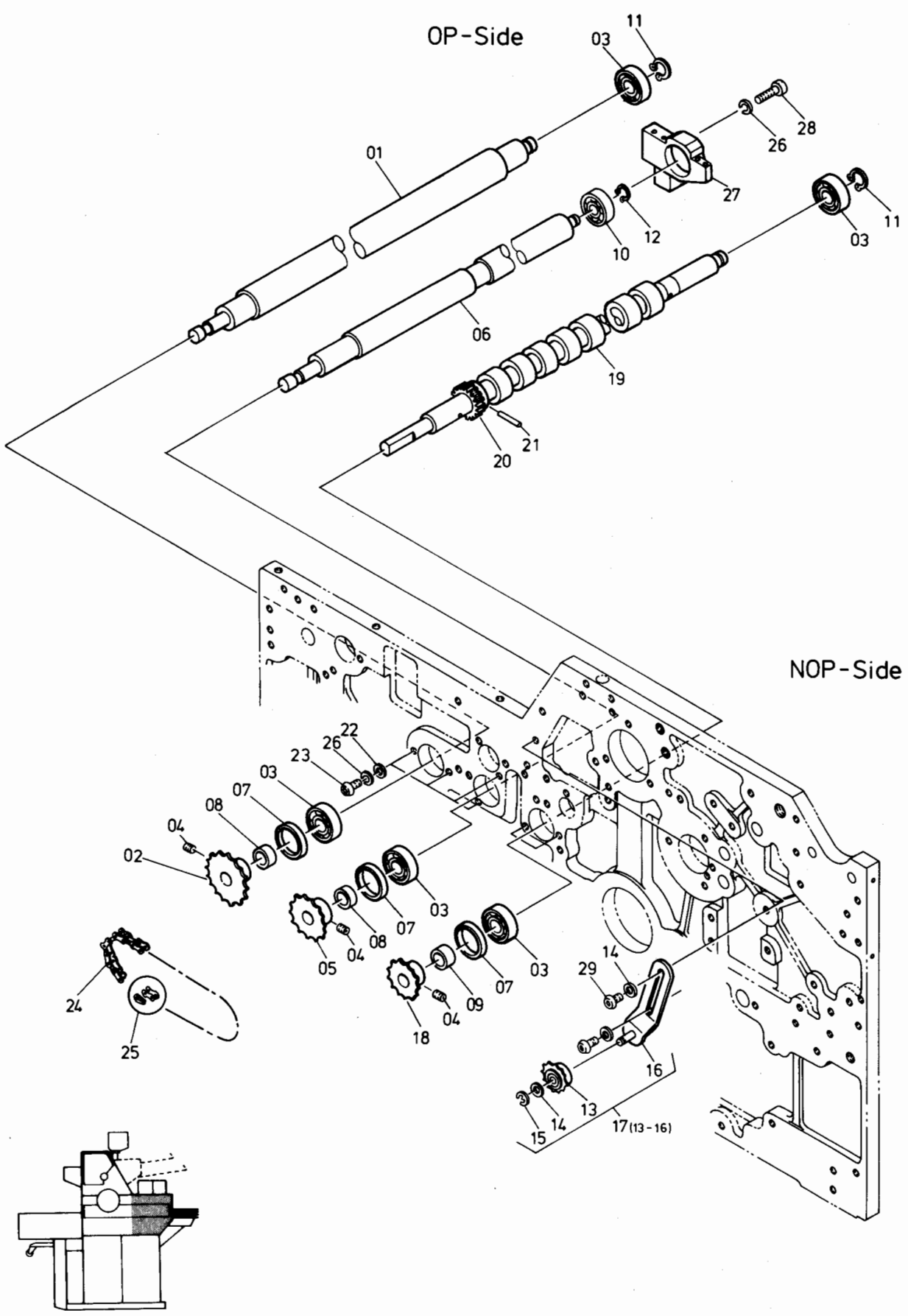
- 17 -



**Feed Section
Double Sheet Detector**

N2005

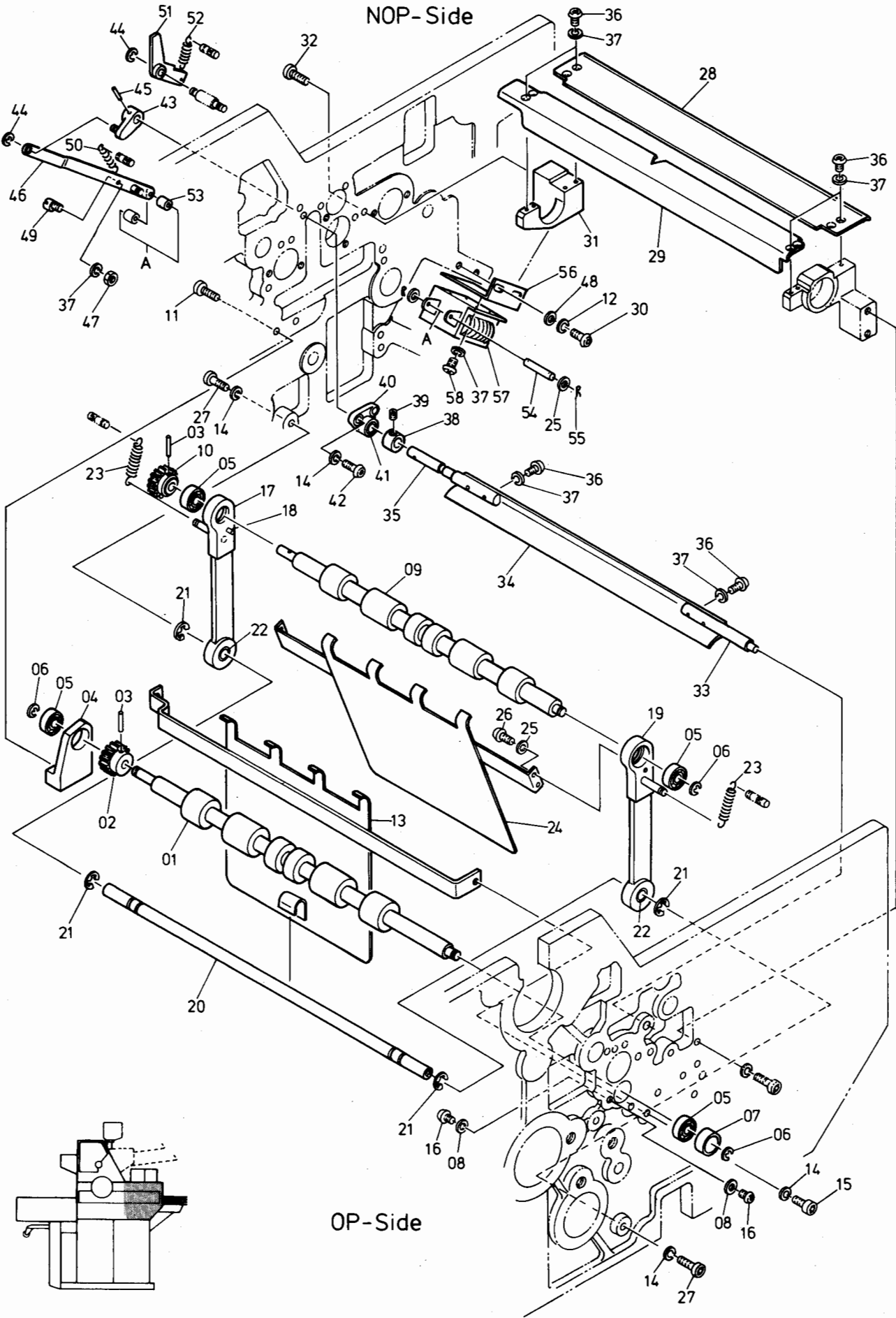
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK10-05	Detector Side Plate		2	2	2
02	CK10-06	Detector Side Guide		2	2	1
03	CK10-11	Detector Side Frame Spreader		1	1	1
04	150-085.6	Bearing		1	1	1
05	170-103	Nut		6	6	6
06	CK10-09	Fulcrum Pin		1	1	1
07	180-104	Lock Washer		8	8	8
08	170-104	Nut		2	2	2
09	CK10-03	Sensing Foot Bracket		1	1	1
10	117-410	Screw		2	2	2
11	CK10-07	Spot Base		1	1	1
12	CK10-08	Bushing		1	1	1
13	CK10-10	Screw		2	2	2
14	125-615	Screw		3	3	3
15	180-103	Lock Washer		6	6	6
16	CK10-27	Spring Hook		1	1	1
17	125-630	Screw		1	1	1
18	183-168	Roll Pin		1	1	1
19	CK10-17	Spring		1	1	1
20	CK10-15	Adjustment Pin		1	1	1
21	CK10-12	Gear		1	1	1
22	CK10-13	Gear		1	1	1
23	CK10-14	Adjustment Pin		1	1	1
24	183-150	Roll Pin		1	1	1
25	181-404	E-Ring		1	1	1
26	CK10-24	Plate		1	1	1
27	125-658	Screw		4	4	4
28	CK10-26	Spring Hook		1	1	1
29	H03-20-3	Spring		2	2	2
30	180-105	Lock Washer		4	4	4
31	125-708	Screw		4	4	4
32	122-125	Screw		2	2	2
33	CK10-01	Detector Frame		1	1	1
34	CK10-04	Block	HV-2001 ~HV-2275	1	1	0
35	117-512	Screw		2	2	2
36	CK10-02	Cover		1	1	1
37	CK10-01A	Detector Assy (01~31, 33, 35, 36, 38, 40, 45, 48~50)		1	1	1
38	E26-29-1A-3	Photo-cell		1	1	1
39	CK10-25	Name Plate Included in 44		1	1	1
40	CK10-23	Coupling		1	1	1
41	CK10-22	Detector Shaft		1	1	1
42	CK10-18	Stopper		1	1	1
43	CK10-19	Stop Spring		1	1	1
44	CK10-16	Knob		1	1	1
45	145-505	Set Screw		1	1	1
46	183-183	Roll Pin		2	2	2
47	183-188	Roll Pin		1	1	1
48	X05-70-3	Bushing		1	1	1
49	CK10-29	Block	HV-2276~	1	1	1
50	CK10-28	Plate Spring	HV-2276~	1	1	1
51	E26-57-3	Photo-cell	HV-4623	1	1	1
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**Feed Section
Feed Roller and Sprocket**

N 2006

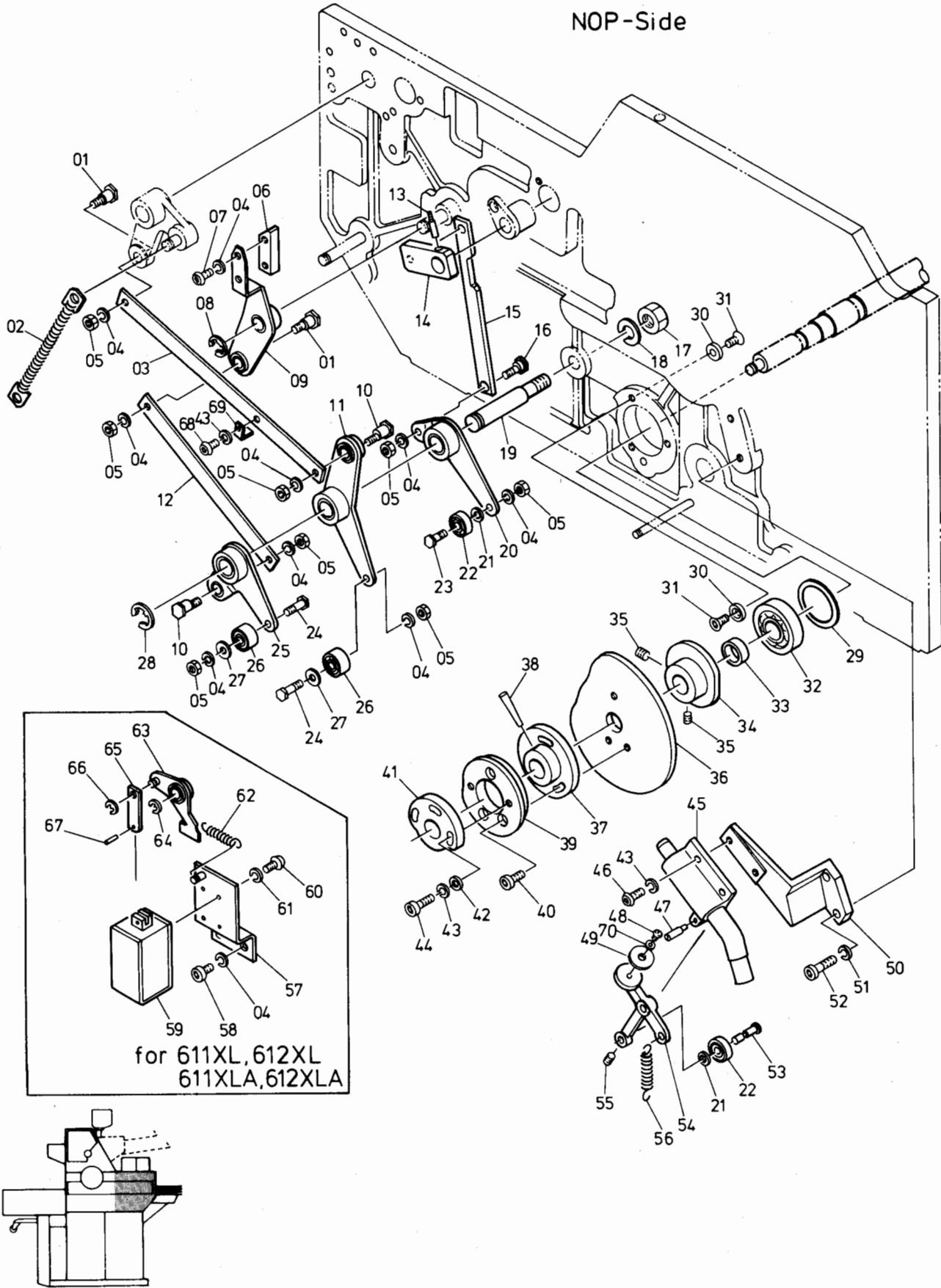
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK02-02	Lower Pullout Roller		1	1	1
02	CK02-18	Lower Pullout Roller Drive Sprocket		1	1	1
03	250-201.6	Bearing		5	5	5
04	145-356	Set Screw		3	3	3
05	CK02-17	Forwarding Roller Drive Sprocket		1	1	1
06	CK03-03	Forwarding Roller		1	1	1
07	CK02-09	Spacer		3	3	3
08	CK02-08	Spacer		2	2	2
09	CK02-16	Spacer		1	1	1
10	250-200.6	Bearing		1	1	1
11	181-012	C-Ring		2	2	2
12	181-010	C-Ring		1	1	1
13	H02-23-1A-3	Idle Sprocket		1	1	1
14	184-106	Flat Washer		3	3	3
15	181-404	E-Ring		1	1	1
16	CK02-35A	Idle Sprocket Bracket		1	1	1
17	CK02-35B	Idle Sprocket Assy (13 ~ 16)		1	1	1
18	CK02-15	Lower Feed Roller Drive Sprocket		1	1	1
19	CK02-68A	Lower Feed Roller		1	1	1
20	CK02-07	Deflector Drive Gear Included in 19		1	1	1
21	183-187	Roll Pin		1	1	1
22	R02-23-3	Flat Washer		8	8	8
23	125-708	Screw		8	8	8
24	CK02-21	Chain		1	1	1
25	280-000.2	Chain Connecting Link Included in 24		1	1	1
26	180-105	Lock Washer		10	10	10
27	CK03-04	Forwarding Roller Bracket		2	2	2
28	117-525	Screw		2	2	2
29	117-365	Screw		2	2	2
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**Feed Section
Paper Deflector**

N2007

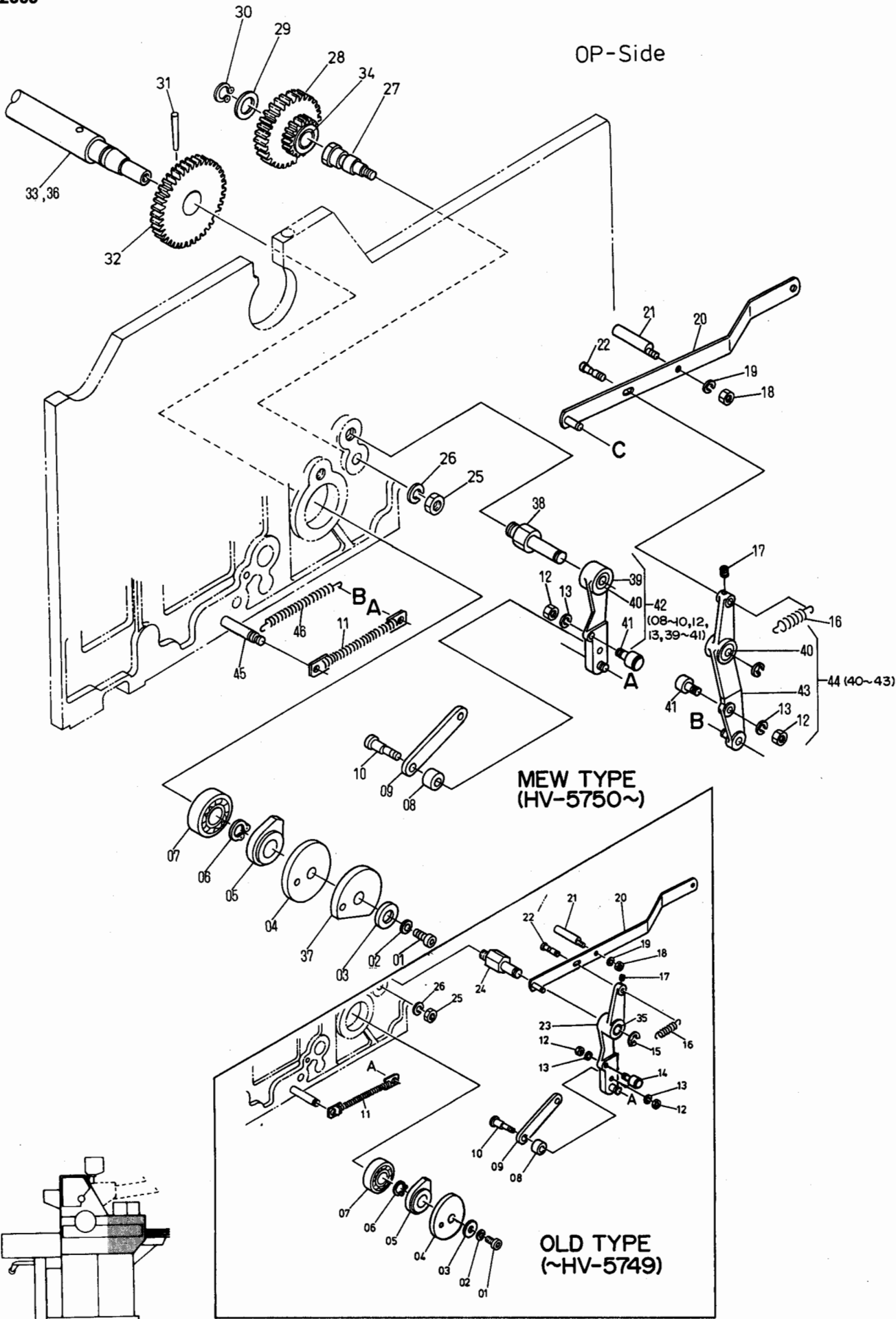
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK03-01	Paper Deflector Roller A		1	1	1
02	CK03-08	Paper Deflector Roller Drive Gear		1	1	1
03	183-186	Roller Pin		2	2	2
04	CK03-06	Deflector Roller Bracket		1	1	1
05	250-108.6	Deflector Roller Bearing		4	4	4
06	181-406	E-Ring		4	4	4
07	CK03-07	Spacer		1	1	1
08	R02-23-3	Flat Washer		2	2	2
09	CK03-02	Paper Deflector Roller B		1	1	1
10	CK03-09	Paper Deflector Roller Drive Gear		1	1	1
11	117-370	Screw		2	2	2
12	180-106	Lock Washer		2	2	2
13	CK03-12	Paper Deflector Guide Plate		1	1	1
14	180-105	Lock Washer		6	6	6
15	117-520	Screw		2	2	2
16	125-708	Screw		2	2	2
17	CK03-11 A	Paper Deflector Roller Bracket		1	1	1
18	183-203	Roll Pin	Included in 17	1	1	1
19	CK03-10 A	Paper Deflector Roller Bracket		1	1	1
20	CK03-14	Shaft		1	1	1
21	181-408	E-Ring		4	4	4
22	243-612	Bushing	Included in 17, 19	2	2	2
23	G05-32-3	Spring		2	2	2
24	CK03-13	Paper Deflector Guide Plate		1	1	1
25	184-104	Flat Washer		2	2	2
26	125-662	Screw		2	2	2
27	117-525	Screw		2	2	2
28	CK03-17	Paper Guide		1	1	1
29	CK03-16	Paper Guide		1	1	1
30	117-362	Screw		2	2	2
31	CK03-05	Paper Guide Bracket		1	1	1
32	117-522	Screw		2	2	2
33	CK03-19	Paper Deflector Guide Plate Shaft	OP-S	1	1	1
34	CK03-22	Paper Deflector Guide Plate		1	1	1
35	CK03-18	Paper Deflector Guide Plate Shaft	NOP-S	1	1	1
36	125-658	Screw		12	12	12
37	180-104	Lock Washer		13	13	13
38	185-0810.01	Collar		1	1	1
39	145-505	Screw		1	1	1
40	CK03-20 A	Bracket		1	1	1
41	243-609	Bushing	Included in 40	1	1	1
42	125-712	Screw		2	2	2
43	CK03-24 A	Paper Deflector Lever		1	1	1
44	181-404	E-Ring		1	1	1
45	183-168	Roll Pin		1	1	1
46	CK03-15 A	Link		1	1	1
47	170-104	Nut		1	1	1
48	184-106	Flat Washer		2	2	2
49	CK03-30	Eccentric Pin		1	1	1
50	H05-83-3	Spring		1	1	1
51	CK03-29 A	Stop Lever		1	1	1
52	X52-97-3	Spring		1	1	1
53	B04-70-05-3	Collar		2	2	2
54	X05-35-3	Pin		1	1	1
55	183-743	Cotter Pin		2	2	2
56	CK03-21	Solenoid Bracket		1	1	1
57	E09-02-02-3	Solenoid		1	1	1
58	125-656	Screw		4	4	4
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Feed Section
Suction Valve and Pullout Roller Timing Cam

N2008

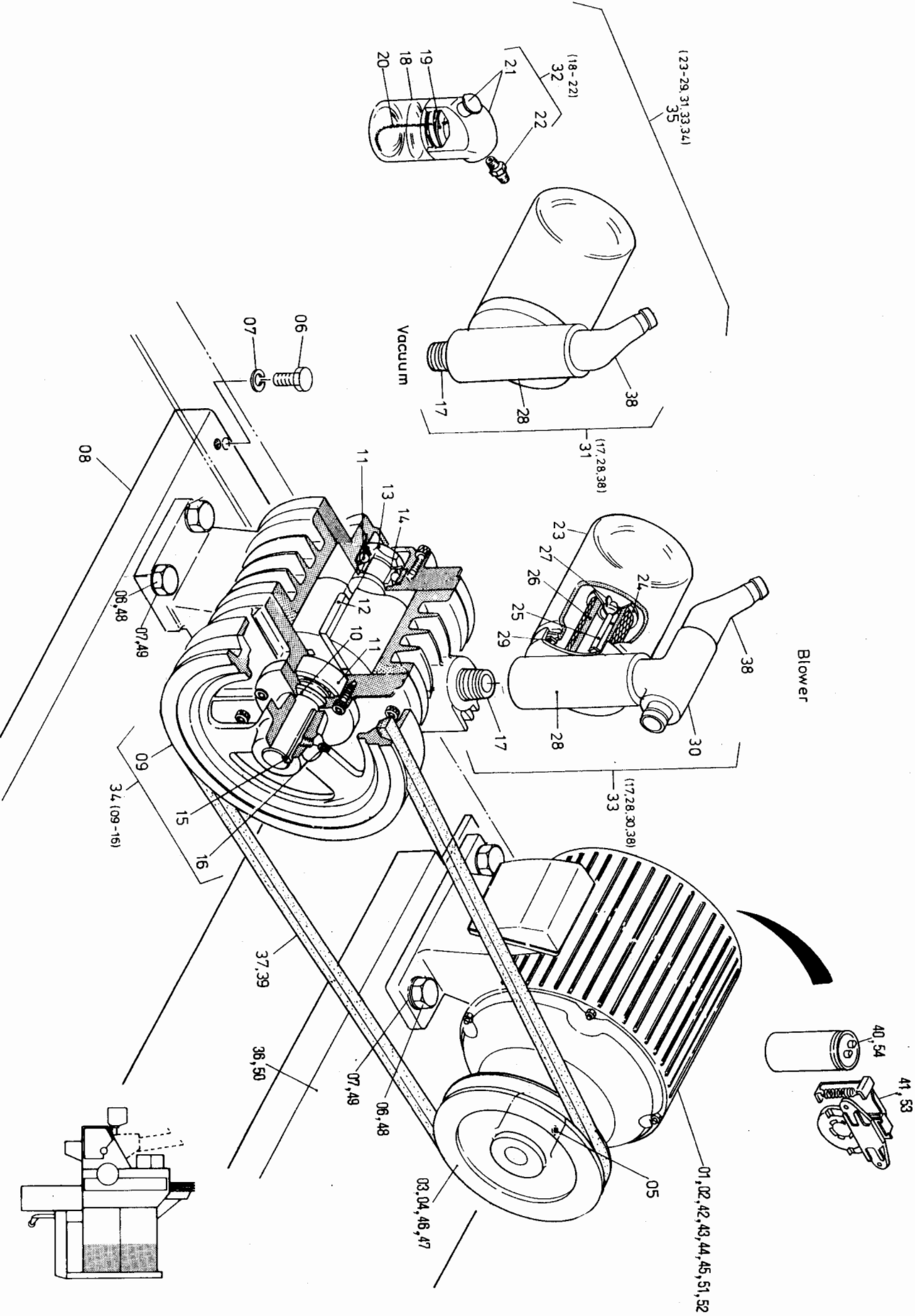
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK08-16	Pin		2	2	2
02	CM11-04A	Spring Assy		1	1	1
03	CK08-58	Connecting Link		1	1	1
04	180-106	Lock Washer		9	11	11
05	170-106	Nut		8	8	8
06	CK08-61	Cam		1	1	1
07	125-765	Screw		1	1	1
08	181-408	E-Ring		1	1	1
09	CK08-59A	Lever		1	1	1
10	CK08-09	Eccentric Pin		2	2	2
11	CK08-04A	Lever		1	1	1
12	CK08-12	Connecting Link		1	1	1
13	182-601	Taper Pin		1	1	1
14	CK08-14A	Lever		1	1	1
15	CK08-13	Connecting Link		1	1	1
16	CK08-10	Eccentric Pin		1	1	1
17	170-112	Nut		1	1	1
18	180-112	Lock Washer		1	1	1
19	CK08-01	Stud Pin		1	1	1
20	CK08-05A	Lever		1	1	1
21	I31-09-3	Flat Washer		2	2	2
22	250-126.6	Bearing		2	2	2
23	CK08-07	Pin		1	1	1
24	CK08-06	Pin		2	2	2
25	CK08-02A	Lever		1	1	1
26	258-568	Cam Follower		2	2	2
27	X01-14-3	Flat Washer		2	2	2
28	181-412	E-Ring		1	1	1
29	CK08-08	Spacer		1	1	1
30	MC03-05	Washer		6	6	6
31	122-112	Screw		6	6	6
32	250-204.6	Bearing		1	1	1
33	CK08-38	Spacer		1	1	1
34	CK08-30	Cam		1	1	1
35	145-460	Set Screw		2	2	2
36	CK08-28	Cam		1	1	1
37	CK08-20	Flange		1	1	1
38	182-189	Taper Pin		1	1	1
39	CK08-11	Cam		1	1	1
40	117-368	Screw		3	3	3
41	CK08-29	Cam		1	1	1
42	184-105	Flat Washer		3	3	3
43	180-105	Lock Washer		6	6	6
44	117-520	Screw		3	3	3
45	CK08-25A	Valve		1	1	1
46	125-715	Screw		2	2	2
47	H05-73-02-3	Pin		1	1	1
48	125-660	Screw		1	1	1
49	H05-72-01-3	Valve Cover		1	1	1
50	CK08-40	Bracket		1	1	1
51	180-108	Lock Washer		2	2	2
52	117-475	Screw		2	2	2
53	CK08-23	Pin		1	1	1
54	CK08-41	Valve Lever		1	1	1
55	145-506	Set Screw		1	1	1
56	G05-32-3	Spring		1	1	1
57	CK08-19A	Bracket		0	1	1
58	117-362	Screw		0	2	2
59	E09-07-3	Solenoid		0	1	1
60	125-608	Screw		0	4	4
61	180-103	Lock Washer		0	4	4
62	X52-97-3	Spring		0	1	1
63	CK08-21A	Lever		0	1	1
64	181-408	E-Ring		0	1	1
65	CK08-22	Connecting Link		0	1	1
66	181-404	E-Ring		0	1	1
67	183-182	Roll Pin		0	1	1
68	125-708	Screw		1	1	1
69	CK02-33	Stopper		1	1	1
70	CK08-65	Washer		1	1	1



**Feed Section
Feeder Operating Mechanism**

N2009

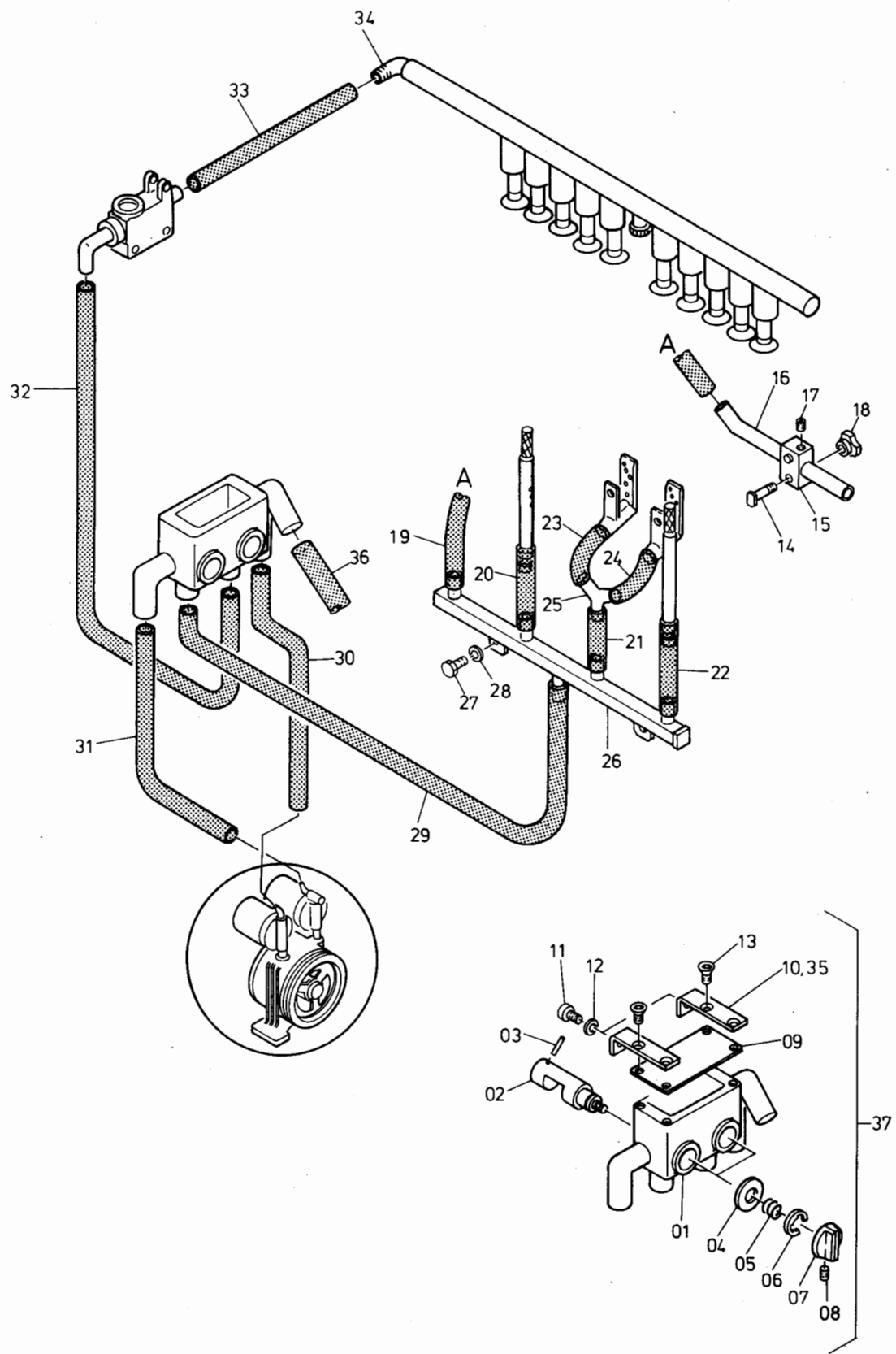
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	117-465	Screw		1	1	1
02	180-108	Lock Washer		1	1	1
03	184-158	Flat Washer		1	1	1
04	CK04-38	Cam		1	1	1
05	CM11-13	Cam		1	1	1
06	181-020	C-Ring		1	1	1
07	250-204.6	Bearing		1	1	1
08	CK04-29	Spacer		1	1	1
09	CK04-26	Drive Link		1	1	1
10	CK04-28	Eccentric Pin		1	1	1
11	CM11-04A	Spring Assy		1	1	1
12	170-106	Nut	Included in 14	2	2	2
13	180-106	Lock Washer	Included in 14	2	2	2
14	I02-52-1A-3	Cam Follower		1	1	1
15	181-410	E-Ring		1	1	1
16	KC04-25	Spring		1	1	1
17	145-506	Set Screw		1	1	1
18	170-105	Nut		1	1	1
19	180-105	Lock Washer		1	1	1
20	CK04-24A	Height Control Drive Link		1	1	1
21	CK04-23	Eccentric Pin		1	1	1
22	CK04-35	Pin		1	1	1
23	CK04-15A	Drive Lever		1	1	1
24	CK04-25	Stud Pin		1	1	1
25	170-110	Nut		1	1	1
26	180-110	Lock Washer		2	2	1
27	CK08-33	Stud Pin		1	1	1
28	CK08-31A	Combination Gear		1	1	1
29	CK08-63	Flat Washer		1	1	1
30	181-016	C-Ring		1	1	1
31	182-191	Taper Pin		1	1	1
32	CK08-34	Gear		1	1	1
33	CK08-35	Cam Shaft		1	1	1
34	I52-20-3	Bushing		1	1	1
35	NR-11	Bushing		1	1	1
36	CK08-68	Cam Shaft	HV-5750 ~	1	1	1
37	CK04-52	Cam	HV-5750 ~	1	1	1
38	CK04-53	Stud Pin	HV-5750 ~	1	1	1
39	CK04-50	Drive Lever	HV-5750 ~	1	1	1
40	I01-03-3	Bushing	HV-5750 ~	2	2	2
41	258-650.1	Cam Follower	HV-5750 ~	2	2	2
42	CK04-50A	Drive Lever Assy	HV-5750 ~	1	1	1
43	CK04-51	Drive Lever	HV-5750 ~	1	1	1
44	CK04-51A	Drive Lever Assy	HV-5750 ~	1	1	1
45	CK04-54	Stud Pin	HV-5750 ~	1	1	1
46	PX-32	Spring	HV-5750 ~	1	1	1
47	CK04-57A	Spring Assy	HV-5750 ~	1	1	1
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Pump and Pump Drive Motor

N2010

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	E01-01-3	Pump Drive Motor	1 Phase (110V)	1	1	1
02	E01-09-3	Pump Drive Motor	3φ HV-2001 ~ HV-2439	1	1	0
03	B08-06-11-3	Pump Drive Motor Pulley	60Hz	1	1	1
04	B08-06-12-3	Pump Drive Motor Pulley	50Hz	1	1	1
05	145-362	Screw		1	1	1
06	101-466	Screw		8	8	8
07	180-108	Lock Washer		8	8	8
08	CK01-12	Pump Mounting Platform		1	1	1
09	H13-92-3	Pump Pulley		1	1	1
10	H13-98-3	Oil Retainer		1	1	1
11	H13-77-3	Bearing		2	2	2
12	H13-91-01-3	Rotor Blade		4	4	4
13	174-704	Bearing Nut		1	1	1
14	180-704	Washer		1	1	1
15	H13-97-3	Key for Pump Pulley		1	1	1
16	145-365	Screw		1	1	1
17	EH13-09	Inlet (Outlet) Nipple		2	2	2
18	H13-59-3	Oil Reservoir Bottle		1	1	1
19	H13-60-3	Oil Reservoir Washer		1	1	1
20	H13-62-3	Oil Wick	ℓ = 150	1	1	1
21	H13-57-0A-3	Oil Cap		1	1	1
22	H13-61-01-3	Oil Reservoir Bottle Nipple		1	1	1
23	H13-24-3	Filter Bottle		2	2	2
24	H13-27-3	Filter Retaining Plate		2	2	2
25	H13-26-3	Filter Retaining Stem		2	2	2
26	H13-28-3	Filter		2	2	2
27	163-105	Wing Nut		2	2	2
28	EH13-05	Filter Bracket		2	2	2
29	H13-25-3	Filter Gasket		2	2	2
30	CK16-21	Elbow		1	1	1
31	CK16-20A	Inlet Filter Bracket (17, 28, 38)		1	1	1
32	H13-57-1B-3	Oil Reservoir Assy (18, ~ 22)		1	1	1
33	CK16-21A	Outlet Filter Bracket		1	1	1
34	EH13-01A	Pump with Pulley		1	1	1
35	EH12-01F	Pump Assy (23 ~ 29, 31, 33, 34)		1	1	1
36	CK01-09	Motor Mounting Platform		1	1	1
37	KV-11	Pump Drive Belt	50Hz A-35"	1	1	1
38	CK16-20	Hose Joint		2	2	2
39	F33-11-01-3	Pump Drive Belt	60Hz A-34"	1	1	1
40	E91-08-3	Capacitor	Included in 01	1	1	1
41	E91-10-3	Governor Switch	Included in 01	1	1	1
42	E01-67-3	Pump Drive Motor	HV-2440 ~ HV-4684 3φ 200V	1	1	1
43	E01-69-3	Pump Drive Motor	HV-2440 ~ HV-4684 3φ 220/380V	1	1	1
44	E01-85-3	Pump Drive Motor	HV-4610 ~ 1 Phase (100/200V)	1	1	1
45	E01-83-3	Pump Drive Motor	3 Phase (200V)	1	1	1
46	B08-06-13-3	Pump Drive Motor Pulley	3 Phase 200V 60Hz	1	1	1
47	B08-06-14-3	Pump Drive Motor Pulley	HV-4685 ~ 3 Phase 200V 50Hz	1	1	1
48	101-375	Screw		8	8	8
49	184-106	Flat Washer		8	8	8
50	CK01-13	Motor Mounting Platform		1	1	1
51	E01-87-3	Pump Drive Motor	HV-4610 ~ 1 Phase (120/240V)	1	1	1
52	E01-89-3	Pump Drive Motor	HV-4685 ~ 3 Phase (220/380V)	1	1	1
53	E91-11-3	Governor Switch	Included in 44, 51	1	1	1
54	E91-13-3	Capacitor	Included in 44, 51	1	1	1
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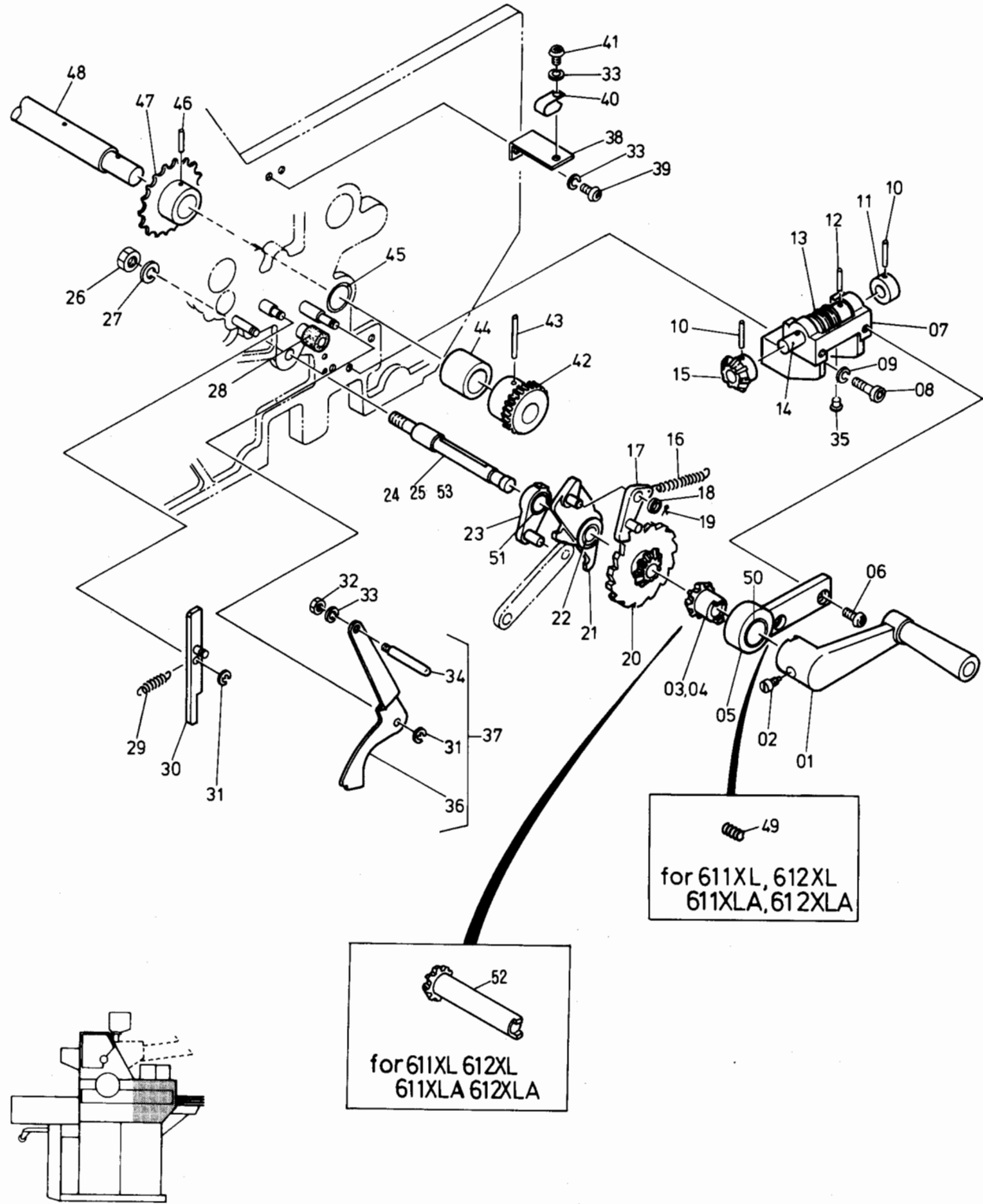


**Feed Section
Air Valve and Air Piping**

N2011

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK16-01A	Air Control		1	1	1
02	CK16-04	Air Control Shaft		2	2	2
03	183-211	Roll Pin		2	2	2
04	184-114	Flat Washer		2	2	2
05	CK16-26	Spring		2	2	2
06	181-412	E-Ring		2	2	2
07	H13-14-3	Air Control Shaft Knob		2	2	2
08	145-410	Set Screw		2	2	2
09	H18-26-3	Air Control Lid		1	1	1
10	CK16-02	Air Control Bracket	~HV-2114	2	2	0
11	117-520	Screw		2	2	2
12	180-105	Lock Washer		2	2	2
13	122-110	Screw		1	1	1
14	KC05-32	Screw		1	1	1
15	CK05-14	Blower Nozzle Bracket		1	1	1
16	CK05-17	Blower Nozzle		1	1	1
17	145-510	Set Screw		1	1	1
18	KC05-34	Knob		1	1	1
19	CK16-16	Hose		1	1	1
20	CK16-15	Hose		1	1	1
21	CK16-14	Hose		1	1	1
22	CK16-11	Hose		1	1	1
23	CK16-13	Hose		1	1	1
24	CK16-12	Hose		1	1	1
25	H13-46-01-3	Hose Joint		1	1	1
26	EH13-08A	Suction Valve Hose Joint		1	1	1
27	101-362	Screw		2	2	2
28	180-106	Lock Washer		2	2	2
29	CK16-06	Hose		1	1	1
30	CK16-08	Hose		1	1	1
31	CK16-07	Hose		1	1	1
32	CK16-09	Hose		1	1	1
33	CK02-45	Hose		1	1	1
34	CK02-24	Hose Joint		1	1	1
35	CK16-27	Air Control Bracket	HV-2115~	2	2	2
36	CK16-10	Hose		1	1	1
37	CK16-01B	Air Control Valve Assy		1	1	1
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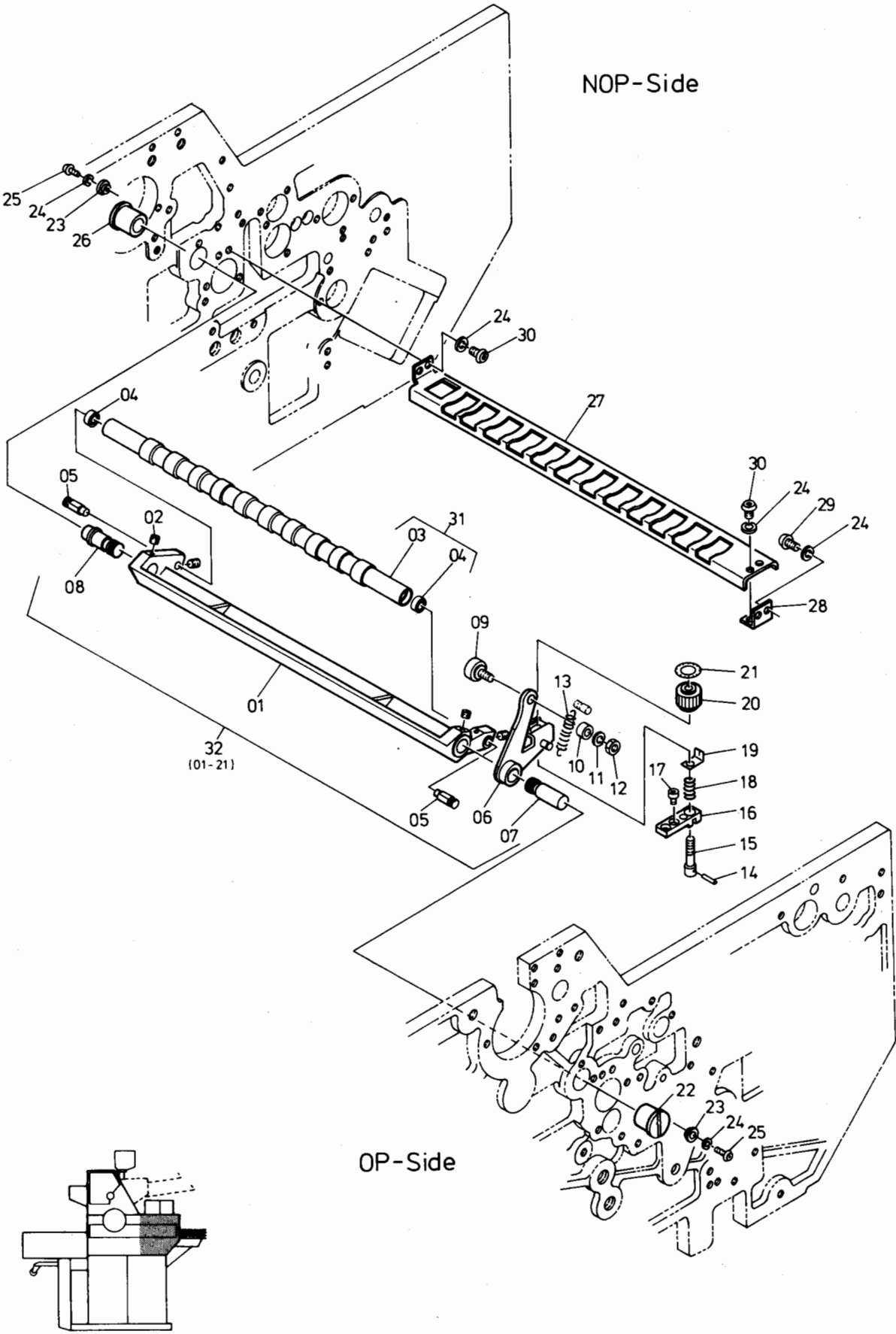
OP-Side



Feed Section
Paper Elevator Mechanism

N2012

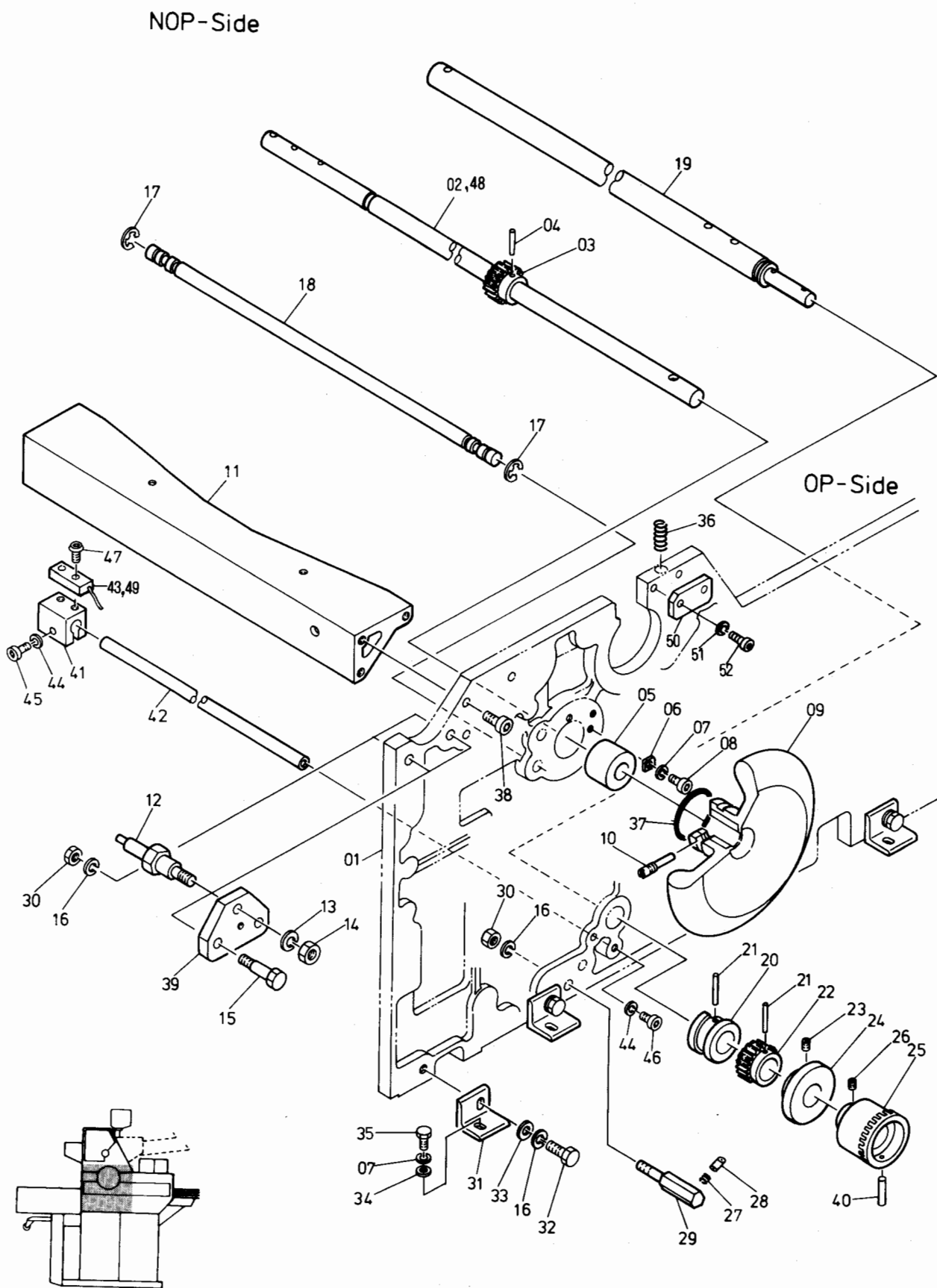
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	H09-16-1A-3	Crank Handle		1	1	1
02	H09-02-3	Pilot Screw		1	1	1
03	CK04-06	Bevel Gear		1	0	0
04	CK04-45	Bevel Gear	XL: ~HV-3997, XLA: ~HV-3985	0	1	1
05	CK04-40A	Bracket		1	1	1
06	125-762	Screw		4	4	4
07	CK04-13	Bracket		1	1	1
08	117-370	Screw		3	3	3
09	180-106	Lock Washer		3	3	3
10	183-207	Roll Pin		2	2	2
11	CK04-10	Collar		1	1	1
12	183-205	Roll Pin		1	1	1
13	H09-06-3	Worm		1	1	1
14	CK04-11	Shaft		1	1	1
15	CK04-07	Bevel Gear		1	1	1
16	CK04-31	Spring		1	1	1
17	H08-18-1A-3	Drive Pawl		1	1	1
18	H08-21-3	Collar		1	1	1
19	183-745	Cotter Pin		1	1	1
20	CK04-12A	Combination Gear		1	1	1
21	CK04-39A	Drive Lever		1	1	1
22	CK04-39	Bushing		1	1	1
23	CK04-01B	Drive Link Guide Arm		1	1	1
24	CK04-09	Stud Pin		1	0	0
25	CK04-44	Stud Pin	XL: ~HV-3997, XLA: ~HV-3985	0	1	1
26	170-110	Nut		1	1	1
27	180-110	Lock Washer		1	1	1
28	H08-33-3	Bumper		1	1	1
29	H08-28-3	Spring		1	1	1
30	CK04-20A	Detent Pawl		1	1	1
31	181-404	E-Ring		2	2	2
32	170-105	Nut		1	1	1
33	180-105	Lock Washer		4	4	4
34	H08-39-01-3	Handle		1	1	1
35	CK04-37	Cap		1	1	1
36	CK04-47A	Release Lever		1	1	1
37	CK04-47B	Release Lever Assy	(32 ~ 34, 36)	1	1	1
38	CK04-46	Bracket		1	1	1
39	125-715	Screw		2	2	2
40	CK04-34	Flat Spring		1	1	1
41	125-708	Screw		1	1	1
42	H09-08-3	Worm Wheel		1	1	1
43	182-171	Taper Pin		1	1	1
44	CK04-22	Spacer		1	1	1
45	243-645	Bushing		2	2	2
46	183-229	Roll Pin		2	2	2
47	H09-14-3	Sprocket Wheel		2	2	2
48	CK06-16	Shaft		1	1	1
49	H09-31-3	Spring		0	1	1
50	CK04-41	Bushing		1	1	1
51	243-631	Bushing		1	1	1
52	CK04-49	Bevel Gear	XL: HV-3998~, XLA: HV-3986~	0	1	1
53	CK04-48	Stud Pin	XL: HV-3998~, XLA: HV-3986~	0	1	1
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**Feed Section
Upper Feed Roller**

N2013

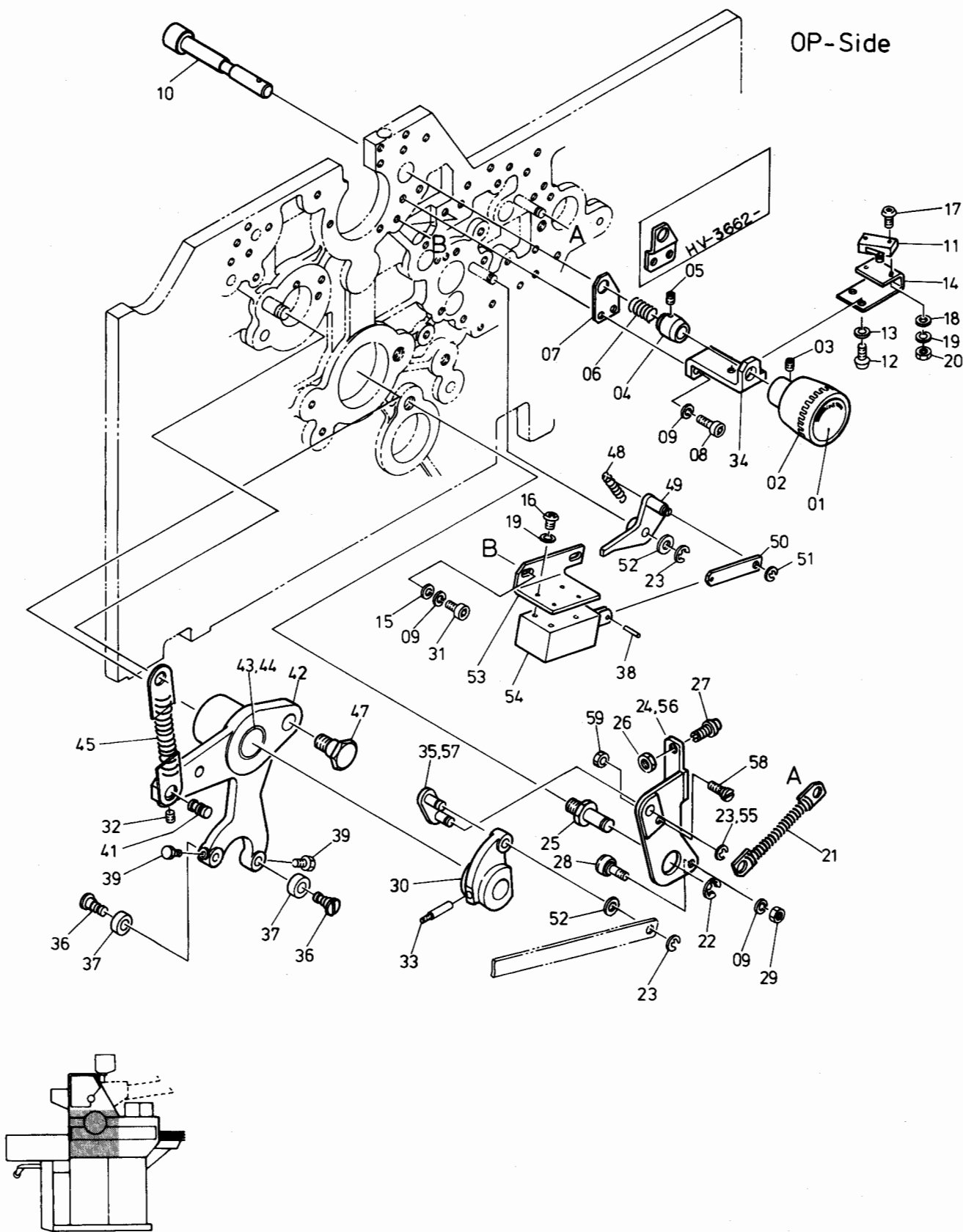
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK02-01	Upper Feed Roller Frame		1	1	1
02	145-406	Set Screw		4	4	4
03	CK02-70A	Upper Feed Roller		1	1	1
04	250-104.6	Bearing		2	2	2
05	M04-05-3	Upper Feed Roller Pilot Pin		2	2	2
06	CK02-06A	Upper Feed Roller Operating Arm		1	1	1
07	CK02-51	Pivot Pin		1	1	1
08	CK02-50	Pivot Pin		1	1	1
09	258-651.1	Cam Follower		1	1	1
10	M54-37-3	Spacer		1	1	1
11	180-108	Lock Washer		1	1	1
12	170-108	Nut		1	1	1
13	CK02-10	Spring		1	1	1
14	183-181	Roll Pin		1	1	1
15	CK02-52	Adjustment Screw		1	1	1
16	CK02-49	Bracket		1	1	1
17	117-358	Cap Screw		2	2	2
18	CK02-42	Spring		1	1	1
19	CK02-05	Flat Spring		1	1	1
20	CK02-41	Knob		1	1	1
21	CK02-65	Name Plate		1	1	1
22	CK02-44	Bushing		1	1	1
23	KC02-59	Retaining Washer		1	1	1
24	180-105	Lock Washer		8	8	8
25	125-712	Screw		2	2	2
26	CK02-43	Bushing		1	1	1
27	CK02-69	Guide Plate		1	1	1
28	CK02-34	Bracket		1	1	1
29	125-708	Screw		2	2	2
30	125-710	Screw		4	4	4
31	CK02-70A	Upper Feed Roller Assy (03, 04)		1	1	1
32	CK02-01A	Upper Feed Roller Frame Assy (01 ~ 21)		1	1	1
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Press Section
Drive Shaft and Impression Adjustment Shaft

N2014

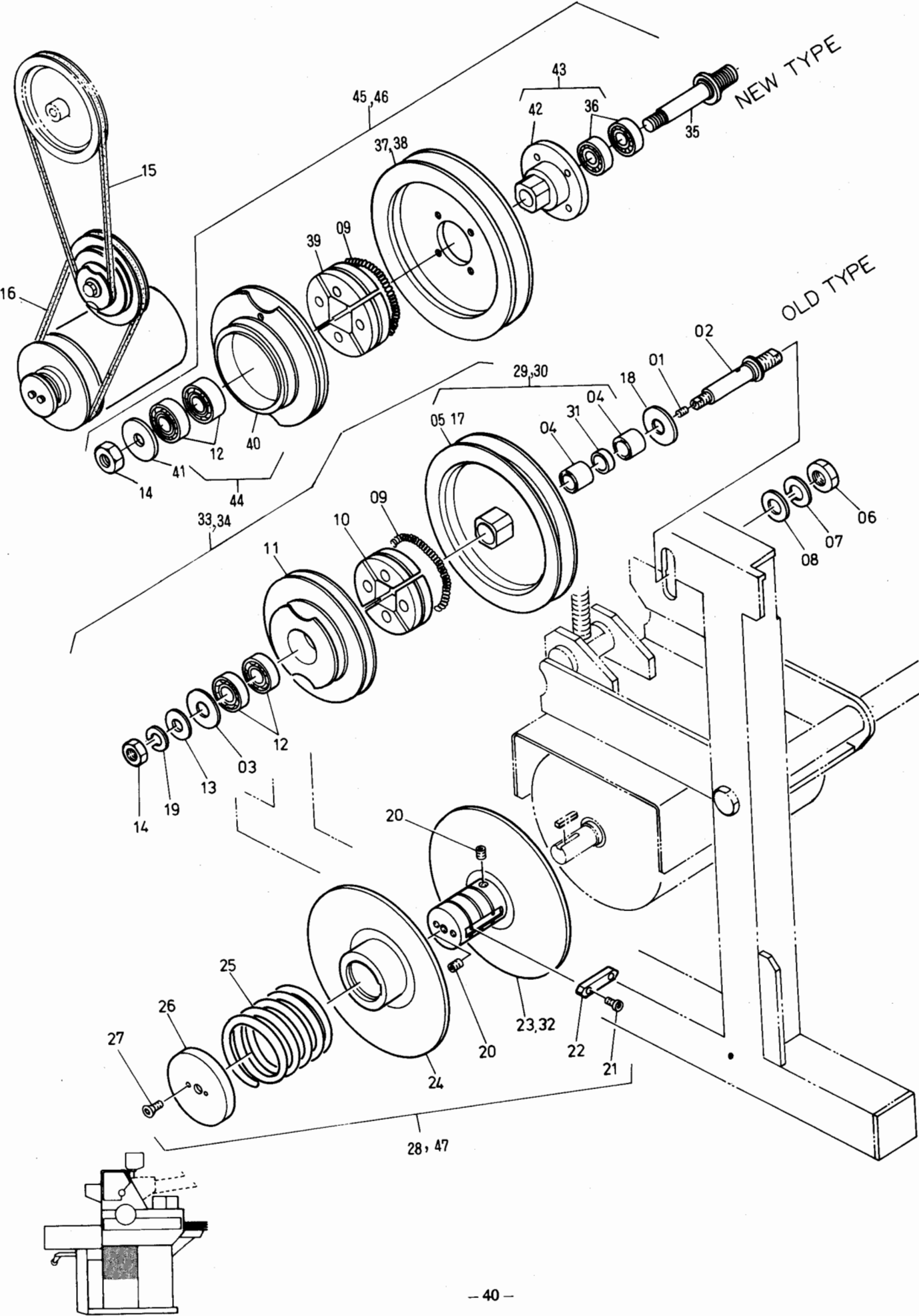
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CM01-01A	Printing Head Frame	OPS	1	1	0
02	CM05-01	Drive Shaft for 611/612CD	XL:~HV-3997, XLA:~HV-3987	1	1	1
03	MC05-31	Drive Gear		1	1	1
04	182-168	Taper Pin		1	1	1
05	CM05-03	Bushing		1	1	1
06	184-965	Retaining Washer		1	1	1
07	180-106	Lock Washer		5	5	5
08	117-362	Screw		1	1	1
09	CM05-58A	Hand Wheel		1	1	1
10	M05-10-3	Pilot Screw		1	1	1
11	CM01-03	Bar Spreader		1	1	1
12	CM01-08	Shoulder Screw		1	1	1
13	180-110	Lock Washer		1	1	1
14	170-110	Nut		1	1	1
15	CM01-09	Screw		4	4	4
16	180-108	Lock Washer		9	9	9
17	181-410	E-Ring		2	2	2
18	CM01-12	Stopper Shaft		1	1	1
19	CM02-20	Impression Adjustment Shaft		1	1	1
20	CM02-26	Eccentric Impression Cam		1	1	1
21	183-229	Roll Pin		2	2	2
22	CM02-19	Stopper		1	1	1
23	145-508	Screw		1	1	1
24	CM02-17	Impression Adjustment Dial		1	1	1
25	4810-22051	Impression Adjustment Knob		1	1	1
26	140-356	Screw		1	1	1
27	102-30-3	Snubber Spring		1	1	1
28	102-29-3	Snubber		1	1	1
29	CM02-18	Snubber Stud		1	1	1
30	170-108	Nut		3	3	3
31	CM01-06	Angle		4	4	4
32	101-470	Screw		4	4	4
33	184-108	Flat Washer		4	4	4
34	184-106	Flat Washer		4	4	4
35	101-366	Screw		4	4	4
36	CM01-10	Spring		1	1	1
37	324-344	O-Ring		1	1	1
38	117-470	Screw		6	6	6
39	CM01-11	Bracket		1	1	1
40	183-211	Roll Pin		1	1	1
41	CK18-30	Bracket		0	1	1
42	PC11-46	Shaft		0	1	1
43	E16-13-3	Inspector		0	1	1
44	180-105	Lock Washer		0	2	2
45	117-516	Screw		0	1	1
46	117-525	Screw		0	1	1
47	125-615	Screw		0	2	2
48	CM05-78	Drive Shaft for 611/612XL・XLA	XL: HV-3998~, XLA: HV-3988~	0	1	1
49	E26-26-3	Inspector		0	1	1
50	CM01-05	Bracket		1	1	1
51	180-106	Lock Washer		2	2	2
52	117-370	Screw		2	2	2
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Press Section
Impression Operating Lever and Image Adjustment Knob

N2015

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CM03-08	Name Plate	Included in 02	1	1	1
02	4810-22052A	Adjustment Knob		1	1	1
03	140-362	Set Screw		1	1	1
04	MC03-27	Slide Cam		1	1	1
05	145-404	Set Screw		1	1	1
06	A04-52-3	Spring		1	1	1
07	CM03-14	Plate		1	1	1
08	117-365	Screw		2	2	2
09	180-106	Lock Washer	Included in 28	7	7	7
10	CM03-15	Adjustment Shaft		1	1	1
11	E10-29-3	Safety Switch		1	1	1
12	125-658	Screw		2	2	2
13	180-104	Lock Washer		2	2	2
14	CM03-12	Bracket		1	1	1
15	184-106	Flat Washer		2	2	2
16	125-608	Screw		4	4	4
17	125-620	Screw		2	2	2
18	184-103	Flat Washer		2	2	2
19	180-103	Lock Washer		6	6	6
20	170-103	Nut		2	2	2
21	CM11-04A	Spring Assy		1	1	1
22	181-410	E-Ring		1	1	1
23	181-406	E-Ring		3	3	2
24	CM11-12A	Impression Lever	~ HV-2974	1	1	0
25	CM11-17	Impression Lever Stud		1	1	1
26	118-60-3	Nut		1	1	1
27	M02-59-3	Adjustable Latch		1	1	1
28	102-52-1A-3	Impression Cam Follower		1	1	1
29	170-106	Nut	Included in 28	2	2	2
30	CM02-04	Impression Operating Lever A		1	1	1
31	117-362	Screw		2	2	2
32	145-508	Set Screw		1	1	1
33	182-604	Taper Pin		1	1	1
34	CM03-11	Bracket		1	1	1
35	CM11-16A	Impression Link	~ HV-2974	1	1	0
36	CM02-14	Eccentric Pin		2	2	2
37	CM02-16	Cam Follower		2	2	2
38	183-181	Roll Pin		1	1	1
39	101-510	Screw		1	1	1
40	CM02-11	Plate		2	2	2
41	CM02-09	Pin		1	1	1
42	CM02-12A	Impression Operating Lever B	OP-S	1	1	1
43	CM02-30	Bushing	Included in 42	1	1	1
44	U01-14-3	Lock Washer Bushing	Included in 42	1	1	1
45	MC02-26	Spring		1	1	1
46	CM02-11A	Spring Assy	(40, 45)	2	2	2
47	CM02-08	Shoulder Screw		1	1	1
48	CM11-38	Spring		1	1	1
49	CM11-22A	Impression Lever		1	1	1
50	CM11-27	Link		1	1	1
51	181-404	E-Ring		1	1	1
52	184-108	Flat Washer		1	1	1
53	CM11-33	Bracket		1	1	1
54	E09-25-3	Solenoid		1	1	1
55	181-408	E-Ring	HV-2975 ~	1	1	1
56	CM11-39A	Impression Lever	HV-2975 ~	1	1	1
57	CM11-41A	Impression Link	HV-2975 ~	1	1	1
58	CM11-20	Pin	HV-2975 ~	1	1	1
59	170-106.3	Nut	HV-2975 ~	1	1	1
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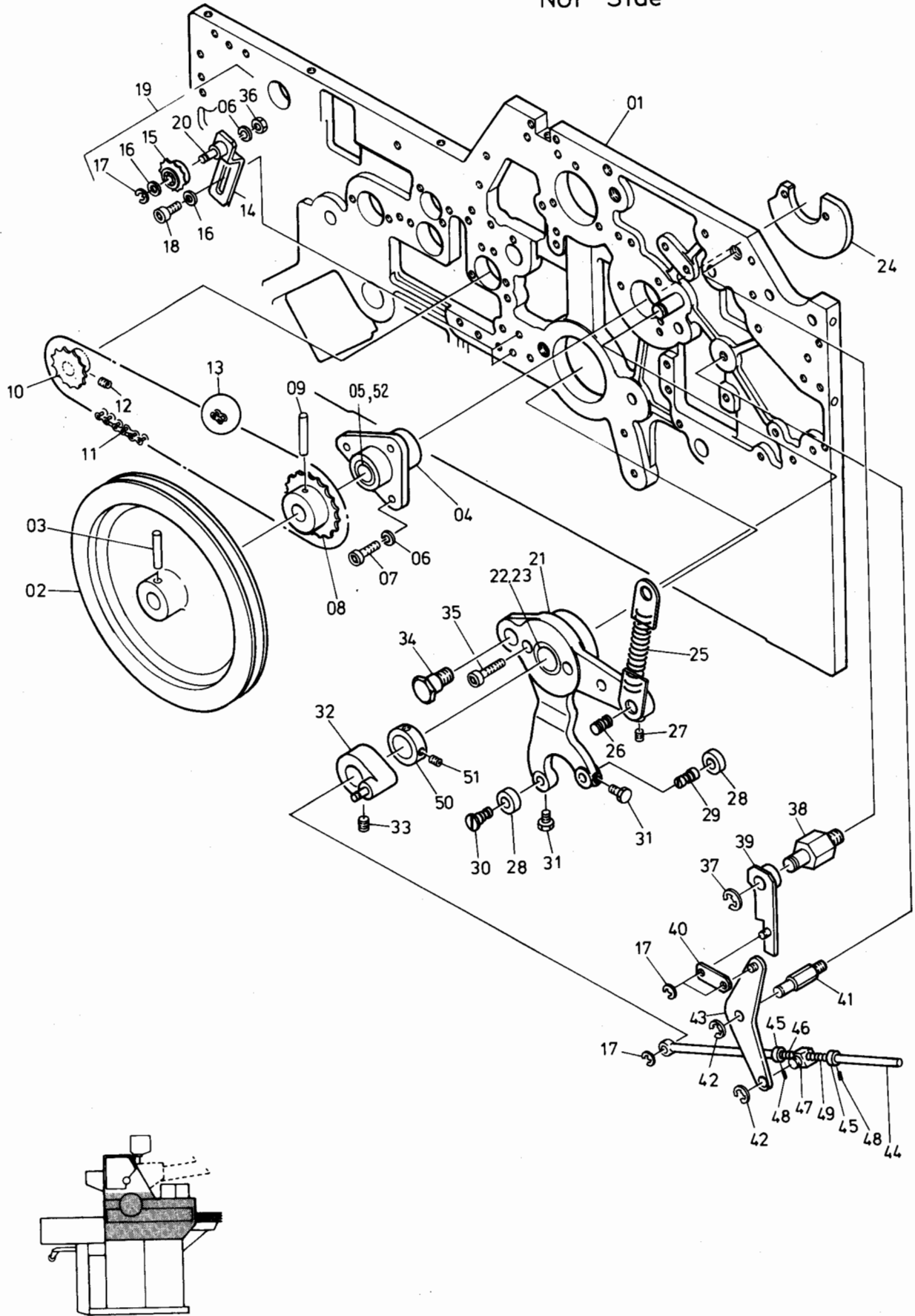


Motor Pulley and Variable Speed Pulley

N2016

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	145-358	Set Screw	~ HV-3960	1	0	0
02	CM05-64	Pulley Shaft	~ HV-3960	1	0	0
03	M05-85-3	Fiber Spacer	~ HV-3960	1	0	0
04	CM05-56	Bearing	~ HV-3960	2	0	0
05	CM05-38	Clutch Drive Pulley	~ HV-3960 50Hz	1	0	0
06	170-116	Nut		1	0	0
07	180-116	Lock Washer		1	0	0
08	DR-14-1	Flat Washer		1	0	0
09	M05-78-3	Clutch Spring		1	0	0
10	M05-77-3	Clutch Shoe	~ HV-3960	1	0	0
11	CM05-40	Compound Clutch Pulley	~ HV-3960	1	0	0
12	250-202.6	Bearing		2	0	0
13	CM05-65	Flat Washer	~ HV-3960	1	0	0
14	170-112.3	Nut		1	0	0
15	CM05-45	Cylinder Head Drive Belt	A-45"	1	0	0
16	CM05-46	Main Drive Belt	1180VB2222	1	0	0
17	CM05-39	Clutch Drive Pulley	~ HV-3960 60Hz	1	0	0
18	CM05-66	Fiber Spacer	~ HV-3960	1	0	0
19	180-112	Lock Washer	~ HV-3960	1	0	0
20	145-458	Set Screw		2	0	0
21	117-408	Screw		2	0	0
22	CM05-31	Key		1	0	0
23	CM05-42	Motor Pulley A	(HV-2001 ~ HV-2439)	1	0	0
24	CM05-43	Motor Pulley B		1	0	0
25	CM05-33	Spring		1	0	0
26	CM05-17	Spring Catch		1	0	0
27	122-108	Screw		2	0	0
28	CM05-43B	Motor Pulley Assy	Single phase	1	0	0
29	CM05-38A	Clutch Drive Pulley with Bearing	50Hz	1	0	0
30	CM05-39A	Clutch Drive Pulley with Bearing	60Hz	1	0	0
31	CM05-67	Spacer	~ HV-3960	1	0	0
32	CM05-68	Motor Pulley A	HV-2440 ~	1	0	0
33	CM05-38B	Clutch Drive Pulley Assy	50Hz	1	0	0
34	CM05-39B	Clutch Drive Pulley Assy	60Hz	1	0	0
35	CM05-71	Pulley Shaft	HV-3961 ~	1	0	0
36	250-002.06	Bearing	HV-3961 ~	2	0	0
37	CM05-75	Clutch Drive Pulley	HV-3961 ~ 50Hz	1	0	0
38	CM05-74	Clutch Drive Pulley	HV-3961 ~ 60Hz	1	0	0
39	CM05-77	Clutch Shoe	HV-3961 ~	1	0	0
40	CM05-73	Compound Clutch Pulley	HV-3961 ~	1	0	0
41	CM05-76	Flat Washer	HV-3961 ~	1	0	0
42	CM05-72	Flange	HV-3961 ~	1	0	0
43	CM05-72A	Flange with Bearing	HV-3961 ~	1	0	0
44	CM05-73A	Compound Clutch Pulley with Bearing	HV-3961 ~	1	0	0
45	CM05-75A	Clutch Drive Pulley Assy	HV-3961 ~ 50Hz	1	0	0
46	CM05-74A	Clutch Drive Pulley Assy	HV-3961 ~ 60Hz	1	0	0
47	CM05-68B	Motor Pulley Assy	Three phase	1	0	0
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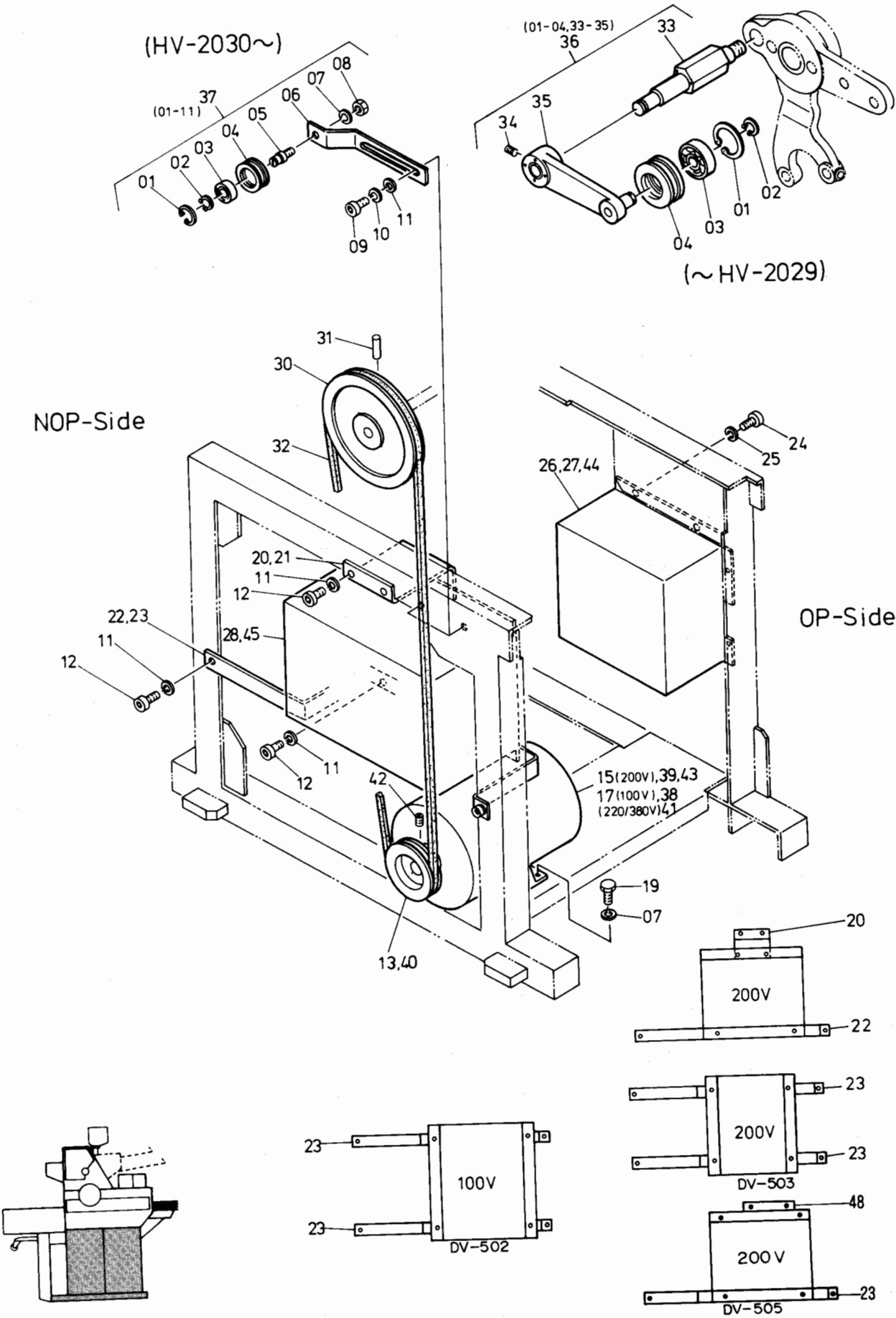
NOP-Side



Press Section
Drive Pulley and Impression Lever

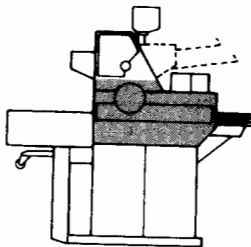
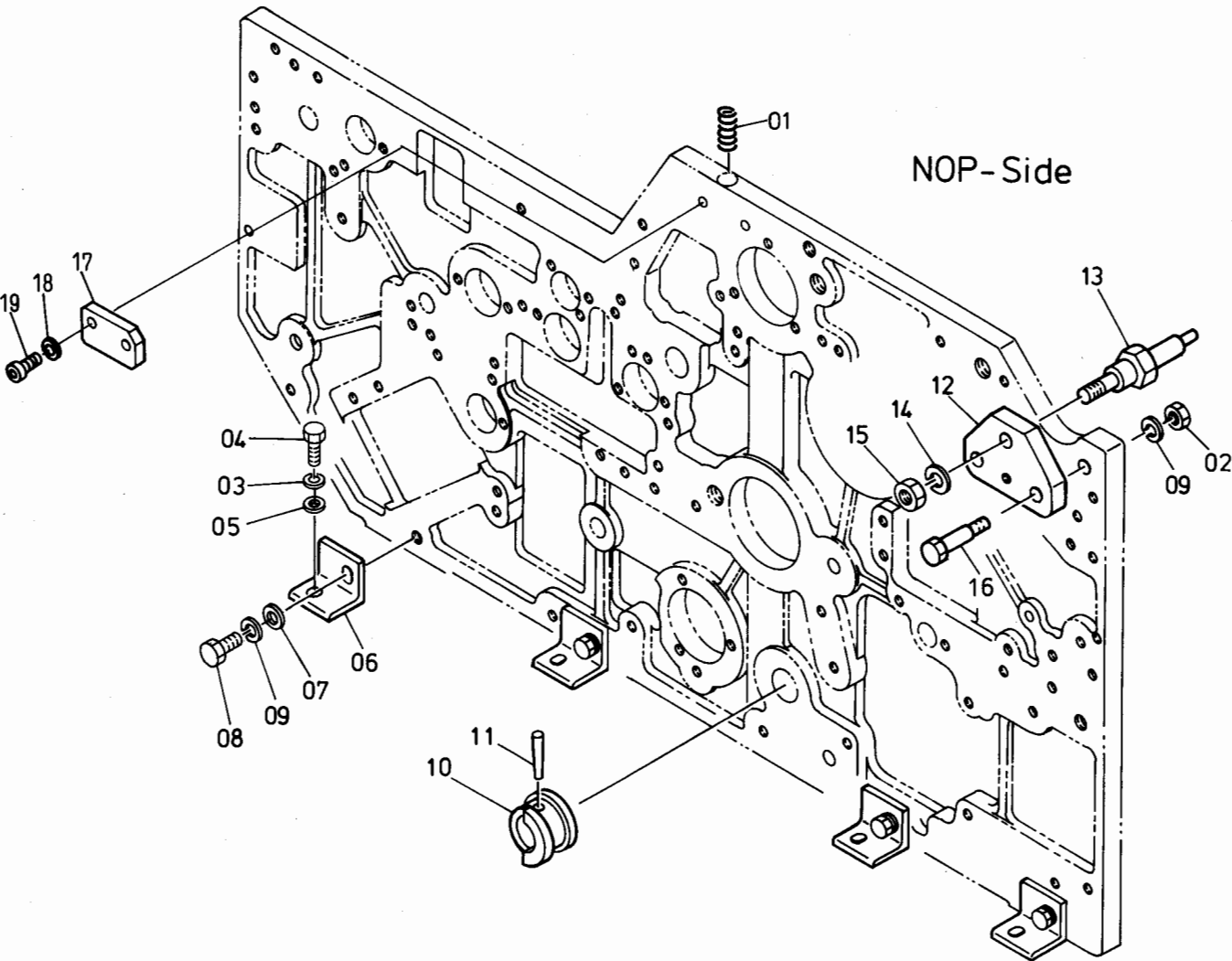
N2017

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CM01-02A	Printing Head Frame	NOP-S	1	1	0
02	CM05-41	Drive Pulley		1	0	0
03	CM05-55	Roll Pin		1	0	0
04	CM05-04A	Main Drive Shaft Bushing Bracket	~ HV-3739	1	1	1
05	241-1618.1	Bushing Included in 04		2	2	2
06	180-106	Lock Washer		4	4	4
07	117-370	Screw	NOP-S	3	3	3
08	CM05-32	Main Drive Shaft Sprocket		1	1	1
09	183-211	Roll Pin		1	1	1
10	CK02-15	Lower Feed Roller Drive Sprocket	NOP-S	1	1	1
11	CK02-22	Lower Feed Roller Drive Chain		1	1	1
12	145-356	Set Screw		1	1	1
13	280-000.2	Connecting Link Included in 11	NOP-S	1	1	1
14	CK02-74	Idle Sprocket Bracket		1	1	1
15	H02-23-1A-3	Idle Sprocket		1	1	1
16	184-106	Flat Washer	NOP-S	3	3	3
17	181-404	E-Ring		1	3	3
18	117-362	Screw		2	2	2
19	CK02-74A	Idle Sprocket Assy (06, 14~17, 20, 36)	NOP-S	1	1	1
20	CK02-75	Pin		1	1	1
21	CM02-13A	Impression Operating Lever B		1	1	1
22	U01-14-3	Bushing Included in 21	NOP-S	1	1	1
23	CM02-30	Bushing Included in 21		1	1	1
24	CM02-31	Impression Gripper Operating Cam		1	1	1
25	CM02-11A	Spring	NOP-S	1	1	1
26	CM02-09	Pin		1	1	1
27	145-508	Set Screw		1	1	1
28	CM02-16	Cam Follower	NOP-S	2	2	2
29	CM02-15	Eccentric Pin		1	1	1
30	CM02-14	Eccentric Pin		1	1	1
31	101-510	Screw	NOP-S	2	2	2
32	CM02-05A	Impression Operating Lever		0	1	1
33	145-462	Set Screw		2	2	2
34	CM02-08	Shoulder Screw	NOP-S	1	1	1
35	117-380	Screw		2	2	2
36	170-106	Nut		1	1	1
37	181-410	E-Ring	NOP-S	0	1	1
38	CM11-07	Stud Pin		0	1	1
39	CM11-10A	Impression Lever		0	1	1
40	MC11-29	Link	NOP-S	0	1	1
41	CM11-05	Stud Pin		0	1	1
42	181-406	E-Ring		0	2	2
43	MC11-14A	Impression Lever B	NOP-S	0	1	1
44	CM11-11	Impression Operating Rod		0	1	1
45	MC11-19	Collar		0	2	2
46	H04-62-3	Spring	NOP-S	0	1	1
47	MC11-11	Pin		0	1	1
48	145-506	Screw		0	2	2
49	H37-52-3	Spring	NOP-S	0	1	1
50	CM02-33	Collar		1	0	0
51	145-358	Set Screw		2	0	0
52	G06-51-3	Bushing Included in 04	HV-3740 ~	2	2	2
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N2018

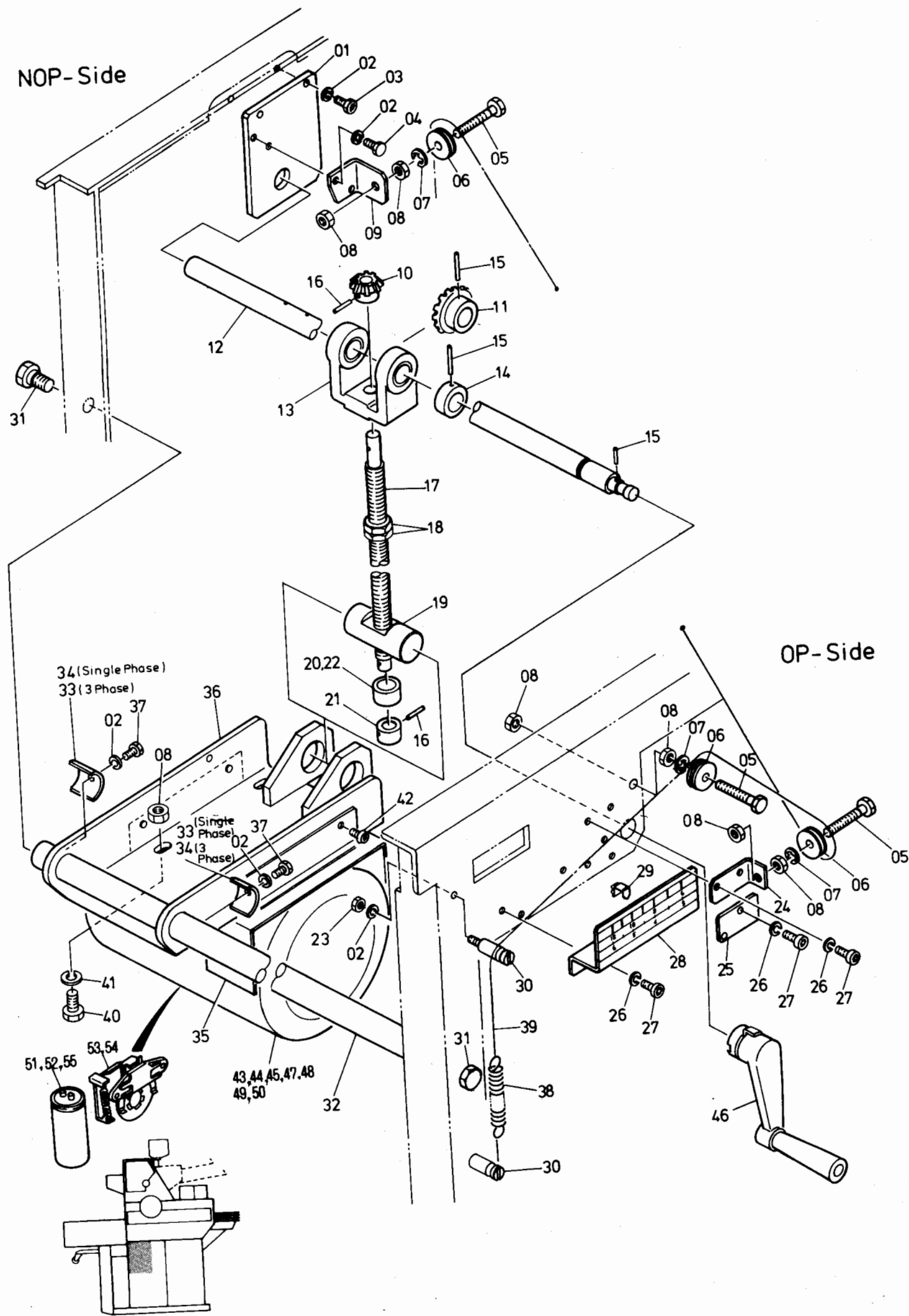
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Press Section
Relative Parts for NOP—Side Frame

N2019

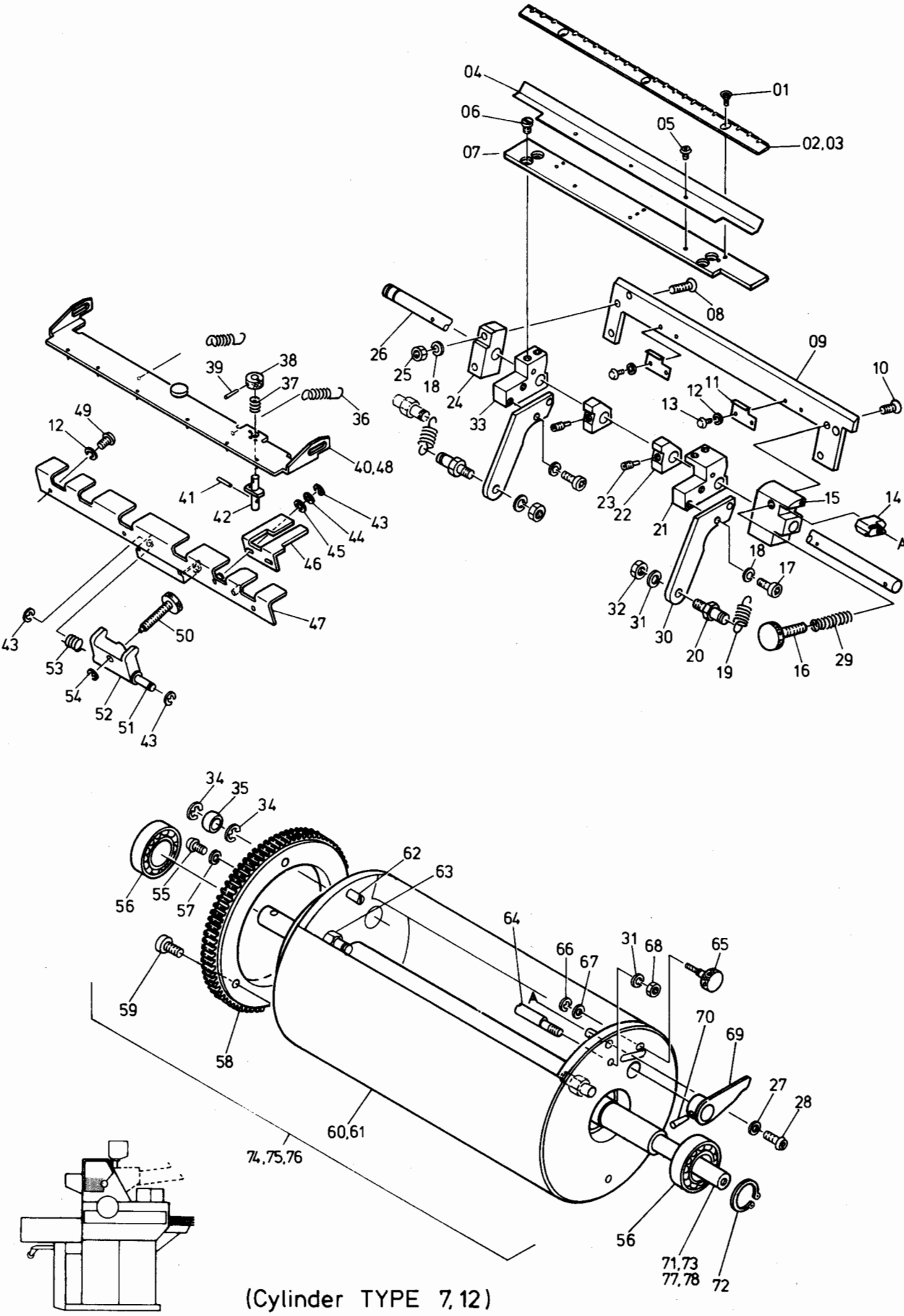
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				CD	XL	XLA
01	CM01-10	Spring		1	1	1
02	170-108	Nut		2	2	2
03	180-106	Lock Washer		4	4	4
04	101-366	Screw		4	4	4
05	184-106	Flat Washer		4	4	4
06	CM01-06	Angle		4	4	4
07	184-108	Flat Washer		4	4	4
08	101-470	Screw		4	4	4
09	180-108	Lock Washer		4	4	4
10	CM02-26	Eccentric Impression Cam		1	1	1
11	183-229	Roll Pin		1	1	1
12	CM01-11	Bracket		1	1	1
13	CM01-08	Shoulder Screw		1	1	1
14	180-110	Lock Washer		2	2	2
15	170-110	Nut		2	2	2
16	CM01-09	Screw		2	2	2
17	CM01-05	Bracket		1	1	1
18	180-106	Lock Washer		2	2	2
19	117-370	Screw		2	2	2
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Drive Motor and Speed Control

N2020

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CM05-02	plate		1	0	0
02	180-106	Lock Washer		8	0	0
03	117-365	Screw		2	0	0
04	101-362	Screw		2	0	0
05	CM05-14	Screw		3	0	0
06	CM05-13	Pulley		3	0	0
07	181-406	E-Ring		3	0	0
08	170-108	Nut		9	0	0
09	CM05-11	Bracket		1	0	0
10	CM05-19	Bevel Gear		1	0	0
11	CM05-20	Bevel Gear		1	0	0
12	CM05-16	Speed Control Shaft		1	0	0
13	CM05-15A	Bracket		1	0	0
14	CM05-07	Collar		1	0	0
15	183-209	Roll Pin		3	0	0
16	183-206	Roll Pin		2	0	0
17	CM05-26	Screw Shaft		1	0	0
18	CM05-44	Nut		2	0	0
19	CM05-22	Pin		1	0	0
20	CM05-34	Spacer	3 Phase 60Hz, 1-Phase 50Hz	1	0	0
21	CM05-21	Collar		1	0	0
22	CM05-27	Spacer	1-Phase 60Hz	1	0	0
23	170-106	Nut		2	0	0
24	CM05-12	Bracket		1	0	0
25	CM05-08	Bracket		1	0	0
26	180-105	Lock Washer		6	0	0
27	117-510	Screw		6	0	0
28	CM05-05A	Scale		1	0	0
29	CM05-09	Scale Pointer		1	0	0
30	CM05-28	Pin		2	0	0
31	B01-18-3	Bolt		2	0	0
32	CM05-06	Shaft		1	0	0
33	CM05-36	Collar		1	0	0
34	CM05-37	Collar		1	0	0
35	CM05-61	Motor Cover	1 Phase	2	0	0
36	CM05-23	Base for Speed Pulley		1	0	0
37	101-360	Screw		2	0	0
38	CM05-30	Spring		1	0	0
39	CM05-29	Wire		1	0	0
40	101-475	Screw		4	0	0
41	180-108	Lock Washer		4	0	0
42	125-708	Screw		4	0	0
43	E01-02-3	Drive Motor	1 Phase (110V)	1	0	0
44	E01-03-3	Drive Motor	3 ϕ , 1 Hp, 200V (~HV-2439)	1	0	0
45	E01-10-3	Drive Motor	3 ϕ , 1 Hp 220/380V (~HV-2439)	1	0	0
46	KC06-20A	Crank Handle		1	0	0
47	E01-66-3	Drive Motor	3 ϕ , 1 Hp, 200V(HV-2440~)	1	0	0
48	E01-68-3	Drive Motor	3 ϕ , 1 Hp 220/380V(HV-2440~)	1	0	0
49	E01-86-3	Drive Motor	HV-4688~ 1 Phase (100/200V)	1	0	0
50	E01-88-3	Drive Motor	HV-4688~ 1 Phase (120/240V)	1	0	0
51	E91-01-3	Capacitor	Included in 43 300 μ F	1	0	0
52	E91-09-3	Capacitor	Included in 43 45 μ F	1	0	0
53	E91-06-3	Governor Switch	Included in 43	1	0	0
54	E91-12-3	Governor Switch	Included in 49, 50	1	0	0
55	E91-14-3	Capacitor	Included in 49, 50	1	0	0
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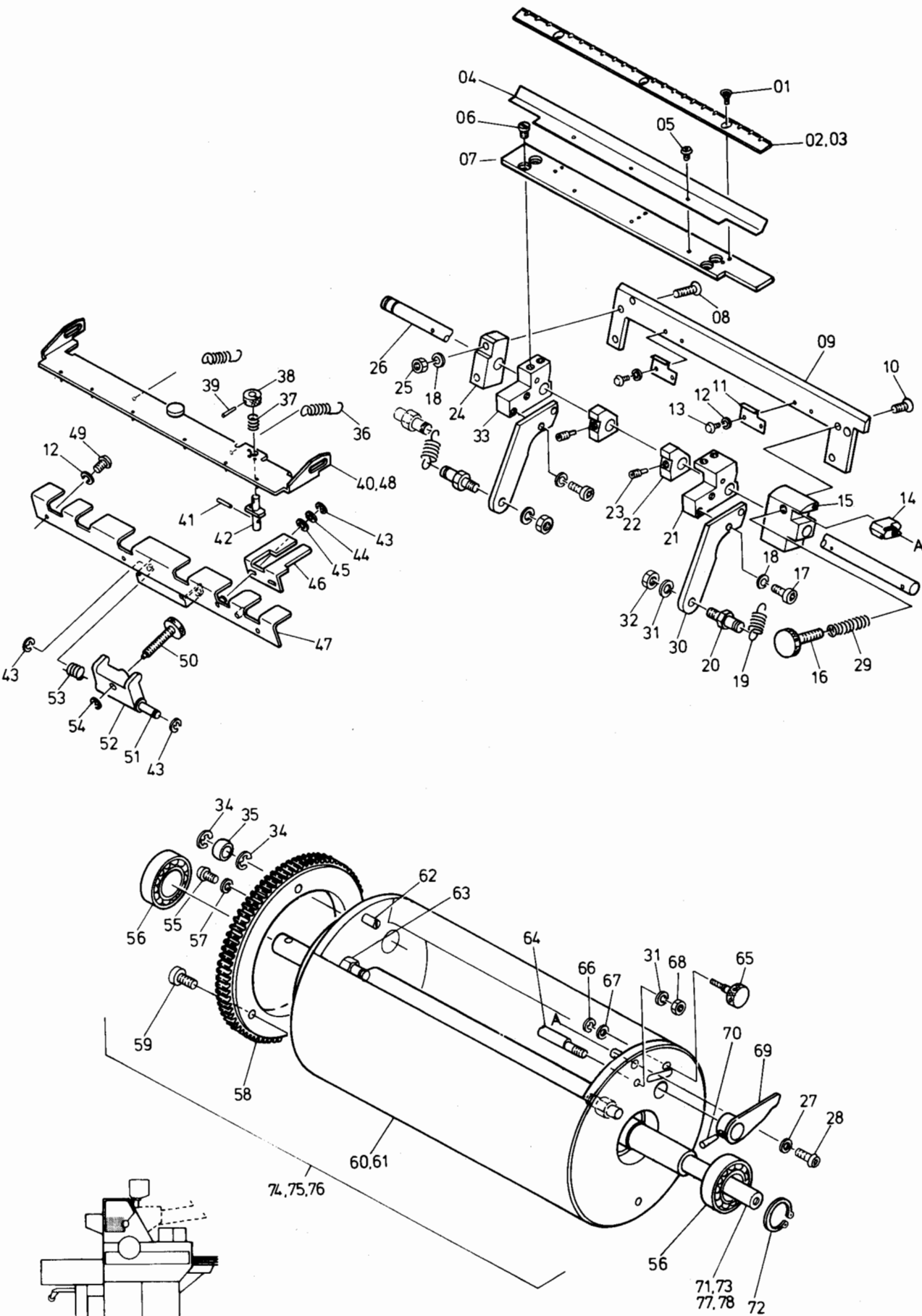


(Cylinder TYPE 7,12)
OLD TYPE (HV-2001~HV-3135)
NEW TYPE (See Figure NO.2055)

Plate Cylinder (OLD TYPE)

N2021

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	122-055	Screw		3	3	0
02	CM14-35	Plate Clamp	Off Center	1	1	0
03	CM14-36	Plate Clamp	On Center	1	1	0
04	CM14-31	Guide Plate		1	1	0
05	125-656	Screw		3	3	0
06	CM14-19	Screw		4	4	0
07	CM14-07	Plate		1	1	0
08	122-172	Screw		2	2	0
09	CM14-06A	Plate		1	1	0
10	122-165	Screw		2	2	0
11	CM14-14	Stopper		2	2	0
12	180-104	Lock Washer		8	8	0
13	125-655	Screw		4	4	0
14	CM14-23	Guide Key		1	1	0
15	CM14-02	Block		1	1	0
16	CM14-25	Screw Knob		1	1	0
17	117-365	Screw		4	4	0
18	180-106	Lock Washer		6	6	0
19	CM14-30	Spring		2	2	0
20	CM14-09	Stud Bolt		2	2	0
21	CM14-04	Block		1	1	0
22	CM14-32	Block		2	2	0
23	140-362	Screw		2	2	0
24	CM14-03	Block		1	1	0
25	170-106	Nut		2	2	0
26	CM14-22	Shaft		1	1	0
27	184-105	Flat Washer		1	1	0
28	125-715	Screw		1	1	0
29	CM14-26	Spring		1	1	0
30	CM14-27	Arm		2	2	0
31	180-108	Lock Washer		3	3	0
32	170-108	Nut		2	2	0
33	CM14-05	Block		1	1	0
34	181-410	E-Ring		2	2	0
35	CM14-13	Bushing		1	1	0
36	CM14-21	Spring		2	2	0
37	CM14-40	Spring		1	1	0
38	CM14-18	Knob		1	1	0
39	183-153.01	Roll Pin		1	1	0
40	CM14-41A	Guide Plate	Off Center	1	1	0
41	183-151.01	Roll Pin		1	1	0
42	CM14-17	Rock Pin		1	1	0
43	181-405	E-Ring		4	4	0
44	180-176	Flat Spring		2	2	0
45	I31-09-3	Flat Washer		2	2	0
46	CM14-20	Lock Plate		1	1	0
47	CM14-34A	Support Plate		1	1	0
48	CM14-42A	Guide Plate	On Center	1	1	0
49	125-658	Screw		4	4	0
50	CM14-12	Adjusting Screw		1	1	0
51	MC14-15	Pin		1	1	0
52	CM14-47	Support Plate Bracket		1	1	0
53	H31-13-3	Spring		1	1	0
54	181-403	E-Ring		1	1	0
55	125-762	Screw		3	3	0
56	M22-02-3	Bearing		2	2	0
57	184-106.2	Flat Washer		3	3	0
58	CM04-02	Plate Cylinder Gear		1	1	0
59	117-472	Screw		3	3	0
60	CM14-01	Plate Cylinder	for Type 7	1	1	0
61	CM20-01	Plate Cylinder	for Type 12	1	1	0
62	CM14-15	Pin		2	2	0
63	CM14-29	Spring Pin		2	2	0
64	CM14-16	Eccentric Pin		1	1	0
65	CM14-24	Adjusting Screw		1	1	0
66	181-404	E-Ring		1	1	0
67	184-106	Flat Washer		1	1	0
68	170-108	Nut		1	1	0
69	CM14-08A	Lever		1	1	0
70	182-146	Taper Pin		1	1	0

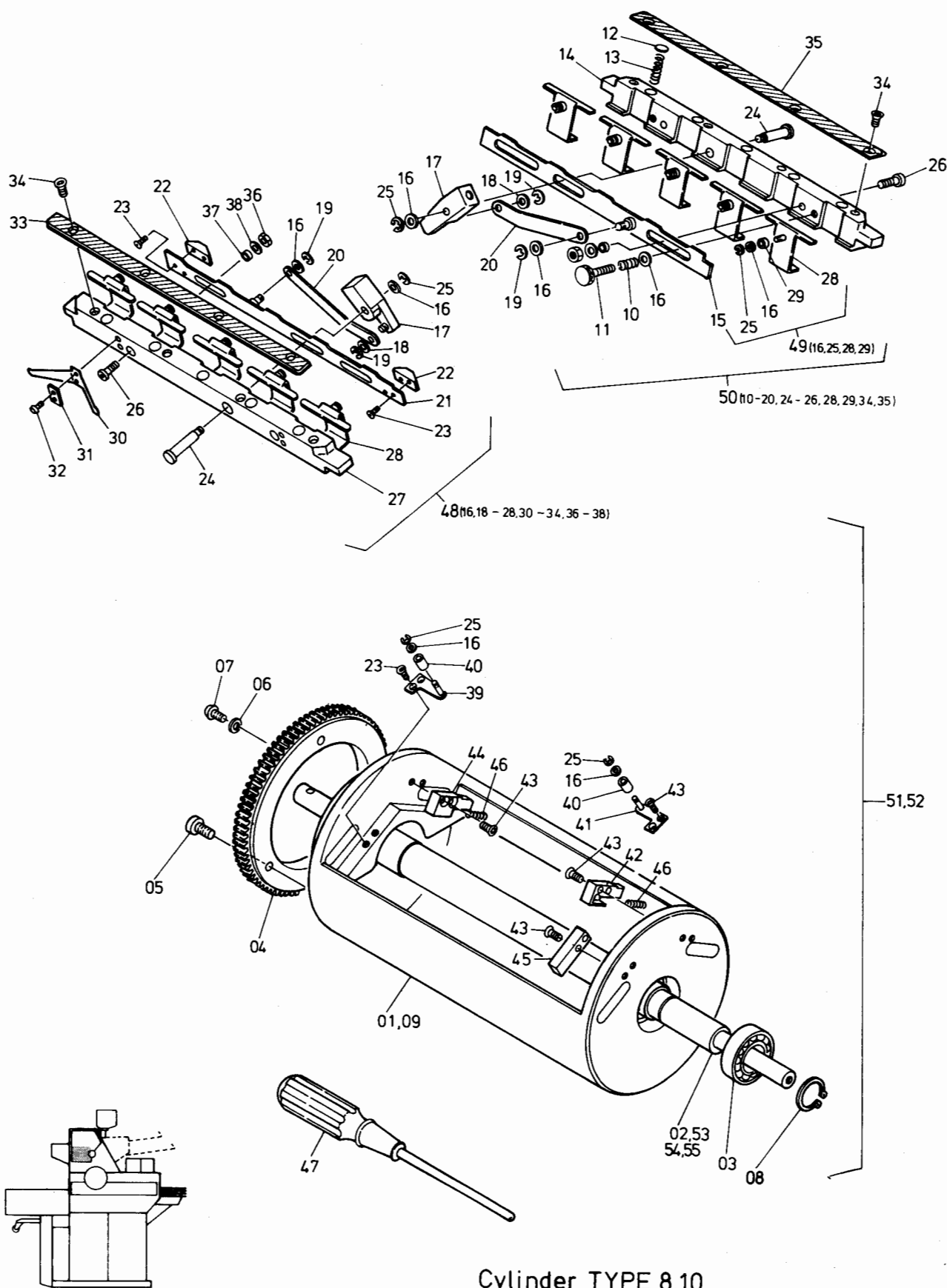


(Cylinder TYPE 7,12)
OLD TYPE (HV-2001~HV-3135)
NEW TYPE (See Figure NO. 2055)

Plate Cylinder (OLD TYPE)

N2021

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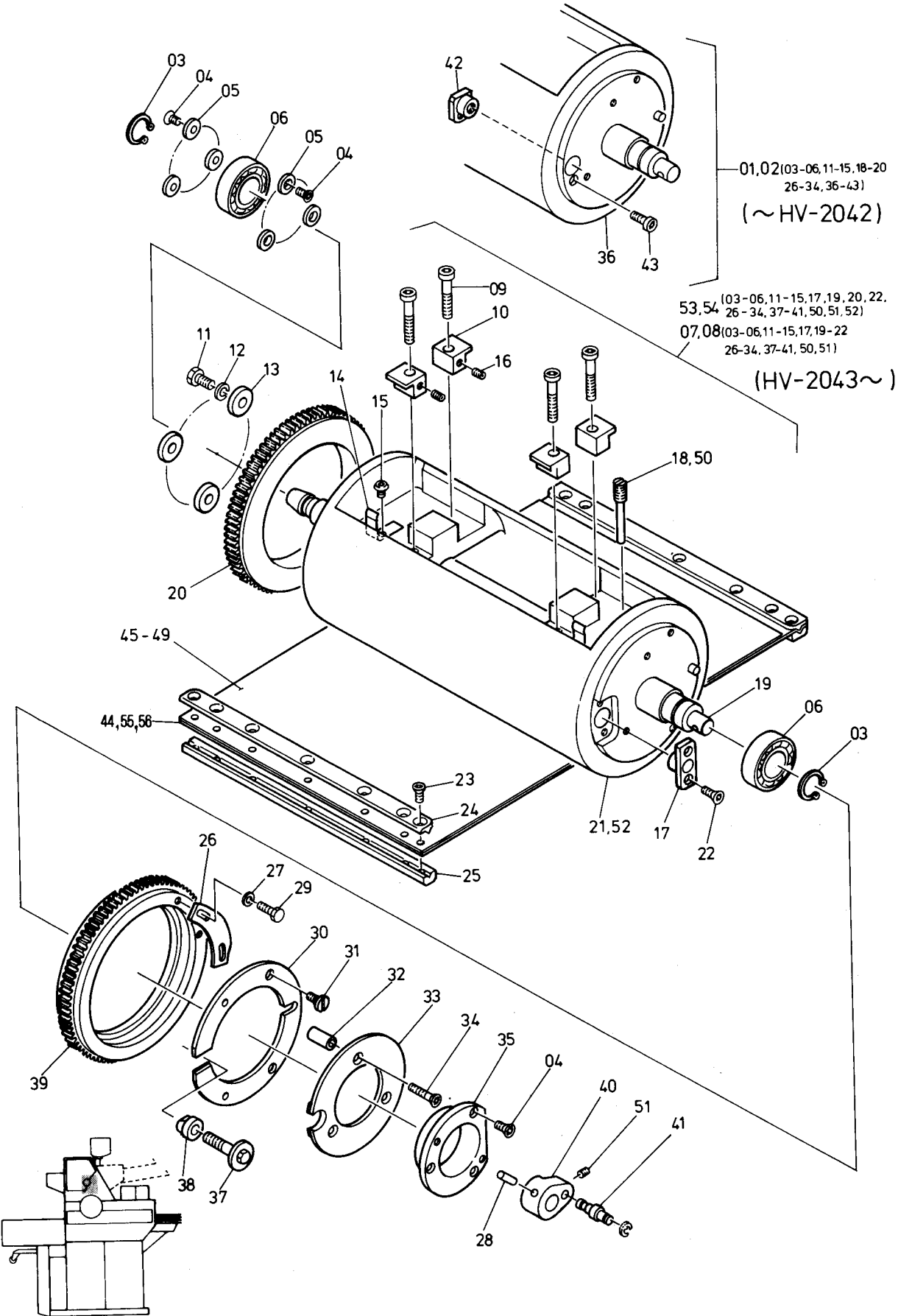


Cylinder TYPE 8,10

Plate Cylinder (Type 8, 10)

N2022

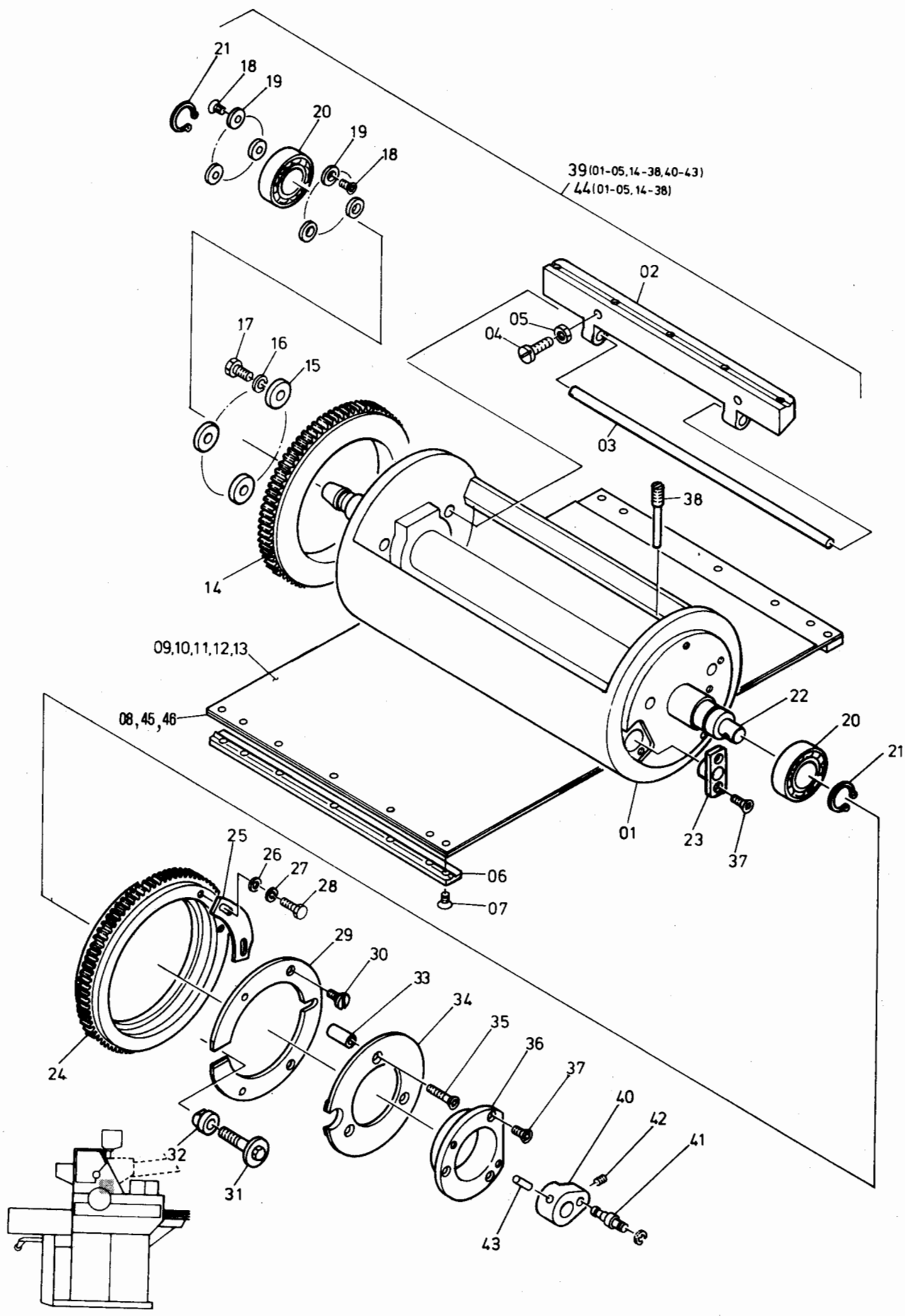
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CM17-01	Plate Cylinder	Cylinder Type-8	1	1	0
02	CM04-01	Plate Cylinder Shaft	XL ~HV-2440	0	1	0
03	M22-02-3	Plate Cylinder Bearing		2	2	0
04	CM04-02	Plate Cylinder Gear		1	1	0
05	117-472	Screw		3	3	0
06	184-106.2	Flat Washer		3	3	0
07	125-762	Screw		3	3	0
08	181-025	C-Ring		1	1	0
09	CM18-01	Plate Cylinder	Cylinder Type-10	1	1	0
10	MC17-17	Spring		2	2	0
11	MC17-11	Thumb Screw		2	2	0
12	I31-18-3	Spacer		10	10	0
13	I08-49-3	Spring		10	10	0
14	MC17-02	Head Clamp		1	1	0
15	MC17-03A	Head Clamp Actuating Plate		1	1	0
16	184-106	Flat Washer		18	18	0
17	CM17-03A	Release Lever		2	2	0
18	184-108	Flat Washer		2	2	0
19	181-406	E-Ring		4	4	0
20	CM17-04	Release Lever		2	2	0
21	MC17-05A	Tail Clamp Actuating Plate		1	1	0
22	I08-36-3	Tension Release Cam		2	2	0
23	122-058	Screw		8	8	0
24	MC17-10	Shoulder Pin		2	2	0
25	181-404	E-Ring		14	14	0
26	117-522	Screw		4	4	0
27	MC17-04	Tail Clamp Bracket		1	1	0
28	I08-24-1A-3	Plate Gripper Finger		10	10	0
29	I08-28-3	Spacer		10	10	0
30	I08-46-3	Plate Tension Spring		2	2	0
31	I08-47-3	Rectangular Washer		2	2	0
32	125-710	Screw		4	4	0
33	MC17-07	Serrated Anvil for Tail Clamp		1	1	0
34	122-110	Screw		8	8	0
35	MC17-06	Serrated Anvil for Head Clamp		1	1	0
36	170-105	Nut		4	4	0
37	I08-29-3	Spacer		4	4	0
38	184-105	Flat Washer		4	4	0
39	I08-40-1A-3	Cam Roller Bracket	NOP-S	1	1	0
40	I08-45-3	Tension Release Cam Roller		2	2	0
41	I08-38-1A-3	Cam Roller Bracket		1	1	0
42	MC17-12	Spring Holder	OP-S	1	1	0
43	122-115	Screw		10	10	0
44	MC17-13	Spring Holder	NOP-S	1	1	0
45	MC17-14	Spacer		1	1	0
46	MC17-15	Spring		2	2	0
47	I08-51-3	Plate Cylinder Clamp Release Tool		1	1	0
48	MC17-04A	Tail Clamp Assy		1	1	0
49	I08-24-1B-3	Plate Gripper Finger Assy		10	10	0
50	MC17-02A	Head Clamp Assy		1	1	0
51	CM17-01A	Plate Cylinder Assy	Cylinder Type-8	1	1	0
52	CM18-01A	Plate Cylinder Assy	Cylinder Tape-10	1	1	0
53	CM04-14	Plate Cylinder Shaft	CD ~HV-2439	1	0	0
54	CM04-15	Plate Cylidner Shaft	HV-2441~	0	1	0
55	CM04-16	Plate Cylinder Shaft	HV-2440~	1	0	0
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Blanket Cylinder

N2023

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CM03-01A	Blanket Cylinder Assy ~HV-2042	Type-7, 8	0	1	0
02	CM03-01B	Blanket Cylinder Assy ~HV-2042	Type-7, 8	1	0	0
03	181-025	C-Ring		2	2	2
04	122-112	Screw		9	9	9
05	MC03-05	Flat Washer		6	6	6
06	M22-02-3	Bearing		2	2	2
07	CM03-21A	Blanket Cylinder Assy HV-2043 ~	Type-7, 8	0	1	1
08	CM03-21B	Blanket Cylinder Assy HV-2043 ~	Type-7, 8	1	0	0
09	117-482	Screw		4	4	4
10	MC03-30	Tension Adjustment Block		4	4	4
11	101-466	Screw		3	3	3
12	180-108	Lock Washer		3	3	3
13	MC02-13	Flanged Washer		3	3	3
14	M15-10-3	Spring		2	2	2
15	125-760	Screw		2	2	2
16	145-356	Set Screw		4	4	4
17	CM03-22	Lock Nut		1	1	1
18	MC03-12	Pilot Screw		1	1	0
19	CM03-24	Blanket Cylinder Shaft		1	1	1
20	CM03-04	Blanket Cylinder Ring Gear	NOP-S	1	1	2
21	CM03-21	Blanket Cylinder	Type-7, 8	1	1	1
22	122-112	Screw		2	2	2
23	122-165	Screw		14	14	4
24	M03-18-6	Blanket Clamp Bar		2	2	2
25	MC03-31	Blanket Clamp Bar		2	2	2
26	CM03-18	Cam		1	1	1
27	184-106	Flat Washer		2	2	2
28	183-229	Roll Pin		0	1	1
29	101-366	Screw		2	2	2
30	CM03-06	Blanket Cylinder Ring Gear Disk		1	1	1
31	CM03-19	Bolt		2	2	2
32	CM03-17	Spacer		3	3	3
33	CM03-16	Plate		1	1	1
34	122-130	Screw		3	3	3
35	CM03-07	Blanket Cylinder Bearing Frange		1	1	1
36	CM03-01	Blanket Cylinder		1	1	0
37	CM03-10	Bolt		1	1	1
38	CM03-09	Stopper		1	1	1
39	CM03-03	Blanket Cylinder Ring Gear		1	1	1
40	CP02-29	Crank		0	1	1
41	CP02-27	Pin		0	1	1
42	CM03-13	Lock Nut		1	1	0
43	117-515	Screw		1	1	1
44	MC03-22	Blanket		1	1	1
45	MC03-53	Blanket Under Packing For 612CD/XL/XLA	Spec.1 ~ 4	1	1	1
46	MC03-54	Blanket Under Packing For 611CD/XL/XLA	Spec.1	1	1	1
47	MC03-55	Blanket Under Packing For 611CD/XL/XLA	Spec.2	1	1	1
48	MC03-56	Blanket Under Packing For 611CD/XL/XLA	Spec.3	1	1	1
49	MC03-57	Blanket Under Packing For 611CD/XL/XLA	Spec.4	1	1	1
50	CM03-23	Pilot Screw		1	1	1
51	145-506	Set Screw		0	1	1
52	CM12-01	Blanket Cylinder	Type-12	1	1	1
53	CM12-01A	Blanket Cylinder Assy	Type-12	0	1	1
54	CM12-01B	Blanket Cylinder Assy	Type-12	1	0	0
55	4807-20001	Compressible Blanket (for 661/662CD, XL)	Type-7, 8, 12	1	1	0
56	MC03-51	Blanket	Option	1	1	1
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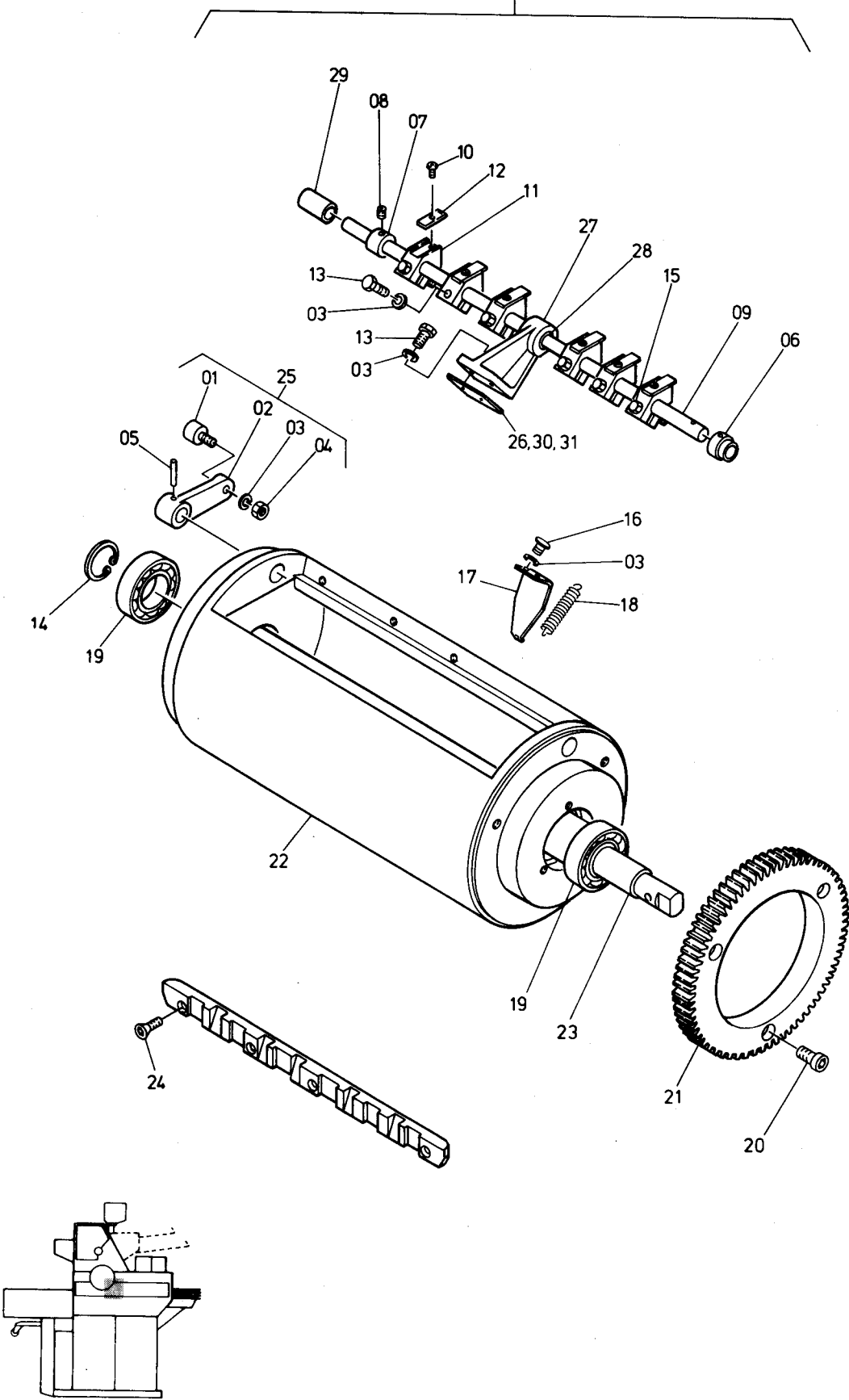


Blanket Cylinde (for Plate Cylinder Type 10)

N2024

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CM13-01	Blanket Cylinder For Cylinder Type 10		1	1	1
02	MC03-48	Blanket Clamp Bar		2	2	2
03	MC03-47	Blanket Clamp Shaft		2	2	2
04	M03-20-3	Screw		4	4	4
05	170-108	Lock Nut		4	4	4
06	MC03-32	Blanket Clamp Bar		2	2	2
07	122-165	Screw		14	14	14
08	MC03-52	Blanket	Option	1	1	1
09	MC03-58	Blanket Under Packing For 612CD/XL/XLA		1	1	1
10	MC03-59	Blanket Under Packing For 611CD/XL/XLA	Spec. 1	1	1	1
11	MC03-60	Blanket Under Packing For 611CD/XL/XLA	Spec. 2	1	1	1
12	MC03-61	Blanket Under Packing For 611CD/XL/XLA	Spec. 3	1	1	1
13	MC03-62	Blanket Under Packing For 611CD/XL/XLA	Spec. 4	1	1	1
14	CM03-04	Blanket Cylinder Gear		3	3	3
15	MC02-13	Flat Washer		3	3	3
16	180-108	Lock Washer		3	3	3
17	101-470	Screw		6	6	6
18	122-112	Screw		6	6	6
19	MC03-05	Bearing Retainer		2	2	2
20	M22-02-3	Bearing		2	2	2
21	181-025	C-Ring		2	2	2
22	CM03-24	Blanket Cylinder Shaft		1	1	1
23	CM03-22	Nut		1	1	1
24	CM03-03	Blanket Cylinder Gear		1	1	1
25	CM03-18	Cam		1	1	1
26	184-106	Flat Washer		2	2	2
27	180-106	Lock Washer		2	2	2
28	101-366	Screw Retainer		2	2	2
29	CM03-06	Blanket Cylinder Ring Gear Disk		1	1	1
30	CM03-19	Bolt		2	2	2
31	CM03-10	Bolt		1	1	1
32	CM03-09	Stopper		1	1	1
33	CM03-17	Spacer		3	3	3
34	CM03-16	Plate		1	1	1
35	122-130	Screw		3	3	3
36	CM03-07	Blanket Cylinder Bearing Flange		1	1	1
37	122-112	Screw		5	5	5
38	CM03-23	Pilot Screw		1	1	1
39	CM13-01A	Blanket Cylinder Assy (01 ~ 05, 14 ~ 38, 40 ~ 43)		0	1	1
40	CP02-29	Crank		0	1	1
41	CP02-27	Pin		0	1	1
42	145-506	Set Screw		0	1	1
43	183-229	Roll Pin		0	1	1
44	CM13-01B	Blanket Cylinder Assy (01 ~ 05, 14 ~ 38)		1	0	0
45	4807-20002	Compressible Blanket (for 661/662CD, XL)	Type-10	1	1	0
46	MC03-42	Blanket		1	1	1
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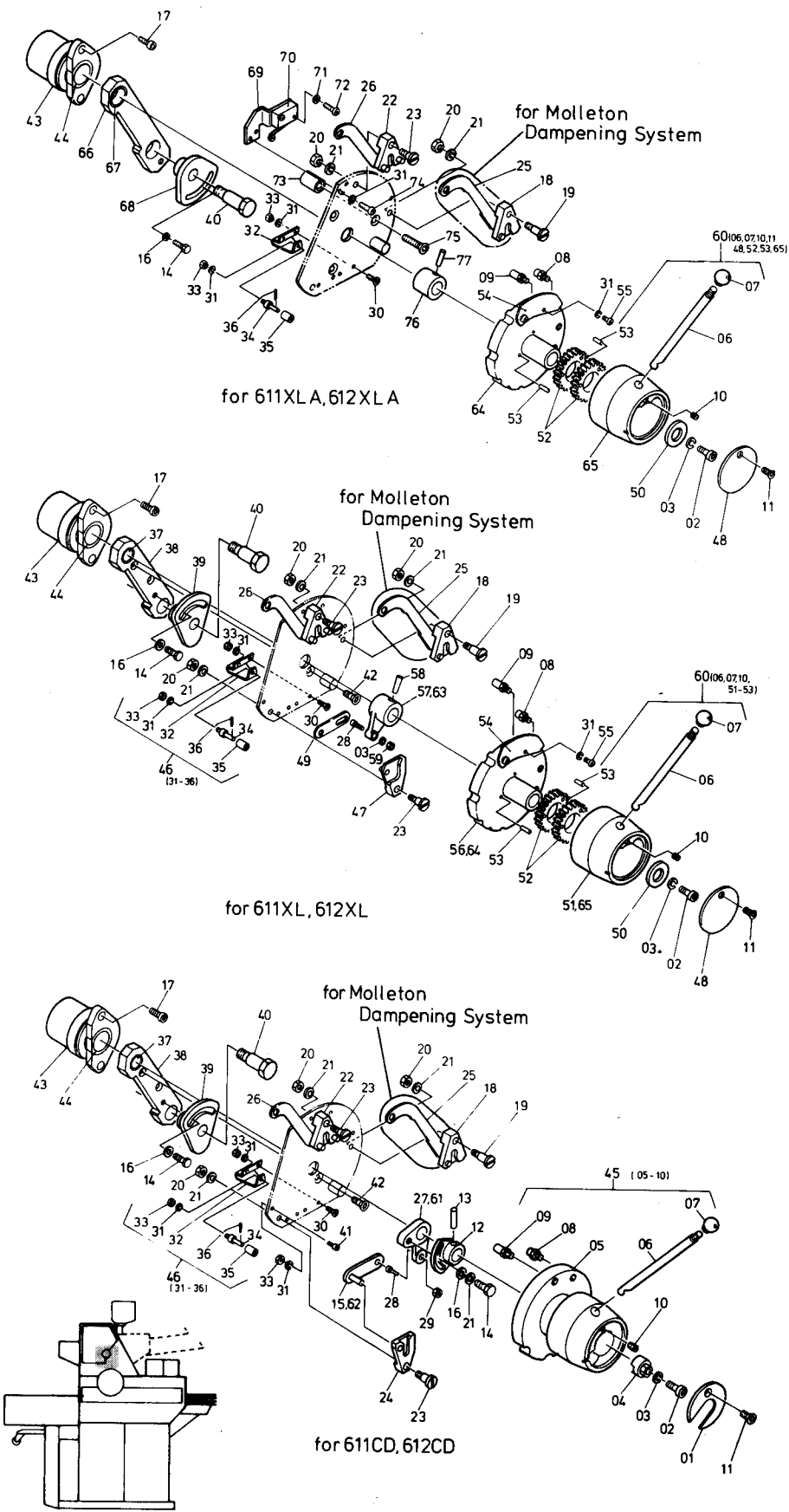
32(03,06-31)



Impression Cylinder

N2025

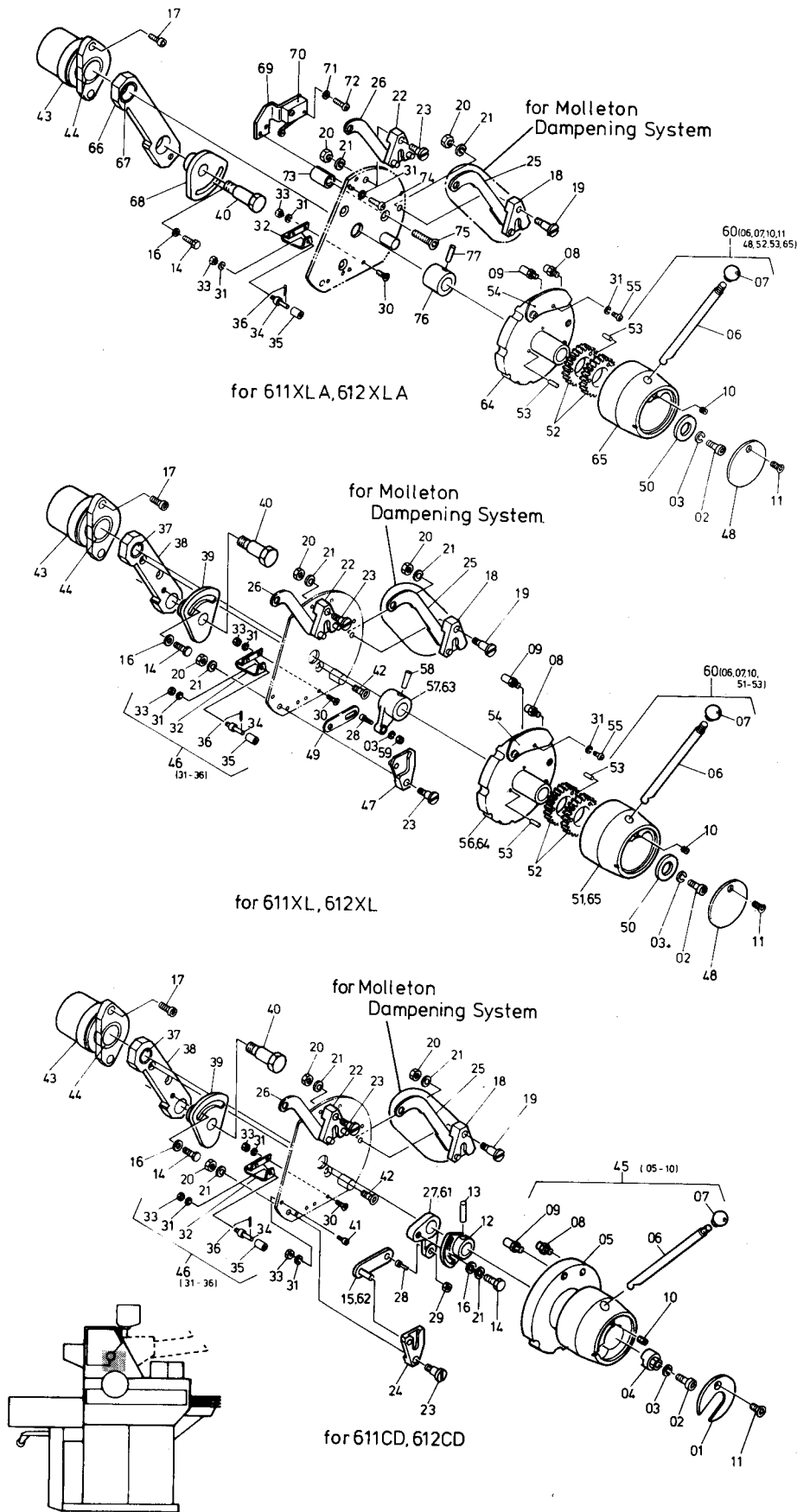
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	258-650.3	Cam Follower		1	1	1
02	CM02-07	Gripper Shaft Operating Arm for Impression		1	1	1
03	180-106	Lock Washer		13	13	13
04	170-106	Nut		1	1	1
05	182-167	Taper Pin		1	1	1
06	M01-10-01-3	Bushing		1	1	1
07	185-1212.04	Collor		2	2	2
08	145-355	Set Screw		1	1	1
09	CM02-06	Impression Gripper Shaft		1	1	1
10	125-606	Screw		6	6	6
11	MC02-49	Stopper		6	6	6
12	CM02-22	Impression Gripper Finger		6	6	6
13	101-370	Screw		6	6	6
14	181-030	C-Ring		1	1	1
15	M02-23-3	Adjustment Bolt		2	2	2
16	101-362	Screw		4	4	4
17	MC02-23	Bracket		2	2	2
18	CM02-21	Spring		2	2	2
19	CM02-24	Cylinder Bearing		2	2	2
20	117-470	Screw		3	3	3
21	CM02-03	Impression Cylinder Ring Gear		1	1	1
22	CM02-01	Impression Cylinder		1	1	1
23	CM02-02	Impression Cylinder Shaft		1	1	1
24	122-115	Screw		4	4	4
25	CM02-06A	Operating Arm Assy		1	1	1
26	CM02-34	Spacer t = 0.03		1	1	1
27	CM02-23A	Bracket		1	1	1
28	A03-31-3	Bushing	Included in 27	1	1	1
29	X06-21-3	Bushing		1	1	1
30	CM02-35	Spacer t = 0.05		1	1	1
31	CM02-36	Spacer t = 0.1		1	1	1
32	CM02-01A	Impression Cylinder Assy	32(03, 06 ~ 31)	1	1	1
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**Inking Section
Operation Handle**

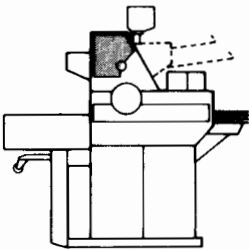
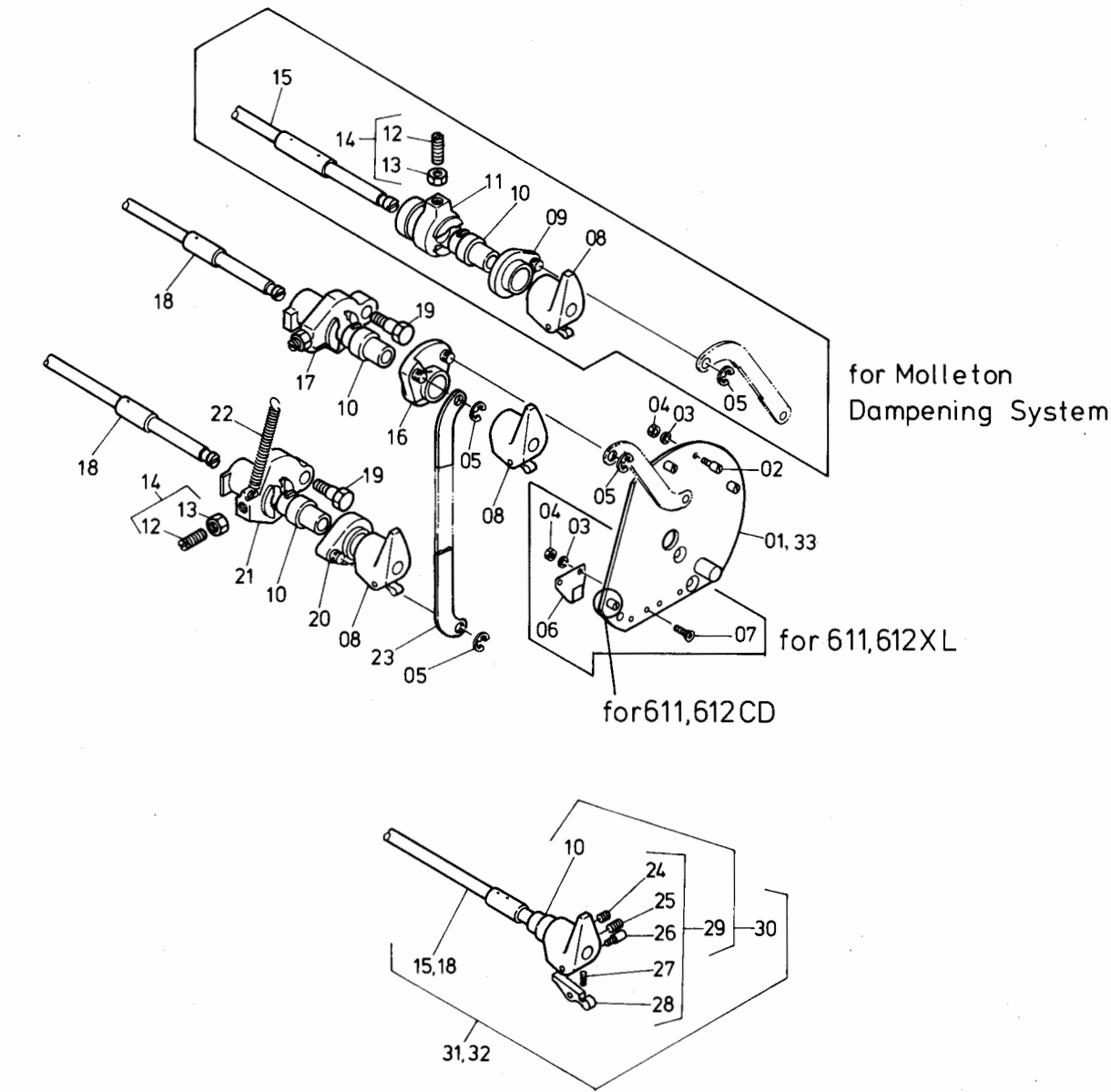
N2026

INDEX NO.	Parts No.	Description	Remarks	Units per Assy			
				CD	XL	XLA	
01	CP03-52	Plate		1	0	0	
02	I17-515	Screw		1	1	1	
03	180-105	Lock Washer		1	2	1	
04	CO02-33	Adjustment Cap Nut		1	0	0	
05	CP02-34	Single Lever Control Hub		1	0	0	
06	I18-05-3	Operation Handle		1	1	1	
07	I27-80-3	Knob		1	1	1	
08	I18-03-3	Dampening Drive Stud	Included in 56, 64	1	1	1	
09	I18-04-3	Inking Drive Stud	Included in 56, 64	2	2	2	
10	145-508	Set Screw		1	1	1	
11	122-108	Screw		1	1	1	
12	CP03-29	Adjustment Sector		1	0	0	
13	CP03-04	Roll Pin		1	0	0	
14	101-366	Screw		2	1	1	
15	CP03-50A	Impression Drive Link	(~HV-2439)	1	0	0	
16	184-106	Flat Washer		2	1	1	
17	I17-510	Screw		2	2	2	
18	I18-24-1A-3	Dampening Drive Dog		1	1	1	
19	I18-21-3	Shoulder Screw		1	1	1	
20	170-106	Nut		3	3	2	
21	180-106	Lock Washer		4	3	2	
22	I18-20-1B-3	Inking Drive Dog		1	1	1	
23	I18-17-3	Shoulder Screw		2	2	1	
24	I18-44-3	Impression Drive Dog		1	0	0	
25	PC11-42	Dampening Drive Link		1	1	1	
26	PC03-30	Inking Drive Link		1	1	1	
27	CP03-28	Impression Drive Lever	(~HV-2439)	1	0	0	
28	CP03-51	Screw Pin		1	1	0	
29	170-105.3	Nut		1	0	0	
30	122-060	Screw		2	2	2	
31	180-104	Lock Washer		4	5	5	
32	I18-66-3	Snubber Bracket		1	1	1	
33	170-104	Nut		4	3	3	
34	CP03-35	Pin		1	1	1	
35	CP03-26	Cam Follower		1	1	1	
36	183-744	Cotter Pin		1	1	1	
37	PC03-48	Bushing		1	1	0	
38	PC03-47A	Connecting Rod		1	1	0	
39	G03-41-3	Adjustment Sector		1	1	0	
40	CP03-25	Screw		1	1	1	
41	I18-11-3	Stop Stud		1	0	0	
42	122-165	Screw		2	2	0	
43	CM04-05A	Plate Cylinder Bushing Bracket	OP-S	1	1	1	
44	MC04-29	Bushing	Included in 43	1	1	1	
45	CP02-34A	Operation Handle Assy	(05 ~ 10)	1	0	0	
46	CP03-26A	Snubber Assy	(31 ~36)	1	1	1	
47	PC03-41A	Impression Drive Dog		0	1	0	
48	PC03-52	Plate		0	1	1	
49	CP03-54	Impression Drive Link		0	1	0	
50	M03-13-3	Flat Washer		0	1	1	
51	CP03-36	Operation Handle Bracket	(~HV-2604)	0	1	0	
52	PC02-47	Drive Gear	Included in 56, 64	0	2	2	
53	183-182	Roll Pin		0	6	6	
54	PC02-39	Microswitch Operation Cam	Included in 56, 64	0	1	0	
55	125-660	Screw		0	2	2	
56	CP02-31A	Single Lever Control Hub Assy	(~HV-2604)	0	1	0	
57	CP03-27	Impression Drive Lever	(~HV-2439)	0	1	0	
58	CP03-33	Roll Pin		0	1	0	
59	170-105	Nut		0	1	0	
60	4810-22049A	Operation Handle Assy	(06, 07, 10, 51 ~ 53)	(~HV-2604)	0	1	0
61	CP03-56	Impression Drive Lever	(HV-2440 ~)	1	0	0	
62	I18-36-1A-3	Impression Drive Link	(HV-2440 ~)	1	0	0	
63	CP03-55	Impression Drive Lever	(HV-2440 ~)	0	1	1	
64	CP02-36A	Single Lever Control Hub Assy	(HV-2605 ~)	0	1	0	
65	4810-22049	Operation Handle Bracket	(HV-2605 ~)	0	1	1	
66	4808-07003A	Connecting Rod		0	0	1	
67	4808-07004	Bushing	Included in 66	0	0	1	
68	4808-07036	Adjustment Sector		0	0	1	
69	4808-07037	Limit Switch Bracket		0	0	1	
70	E10-31-3	Limit Switch		0	0	1	



N2026

— 65 —

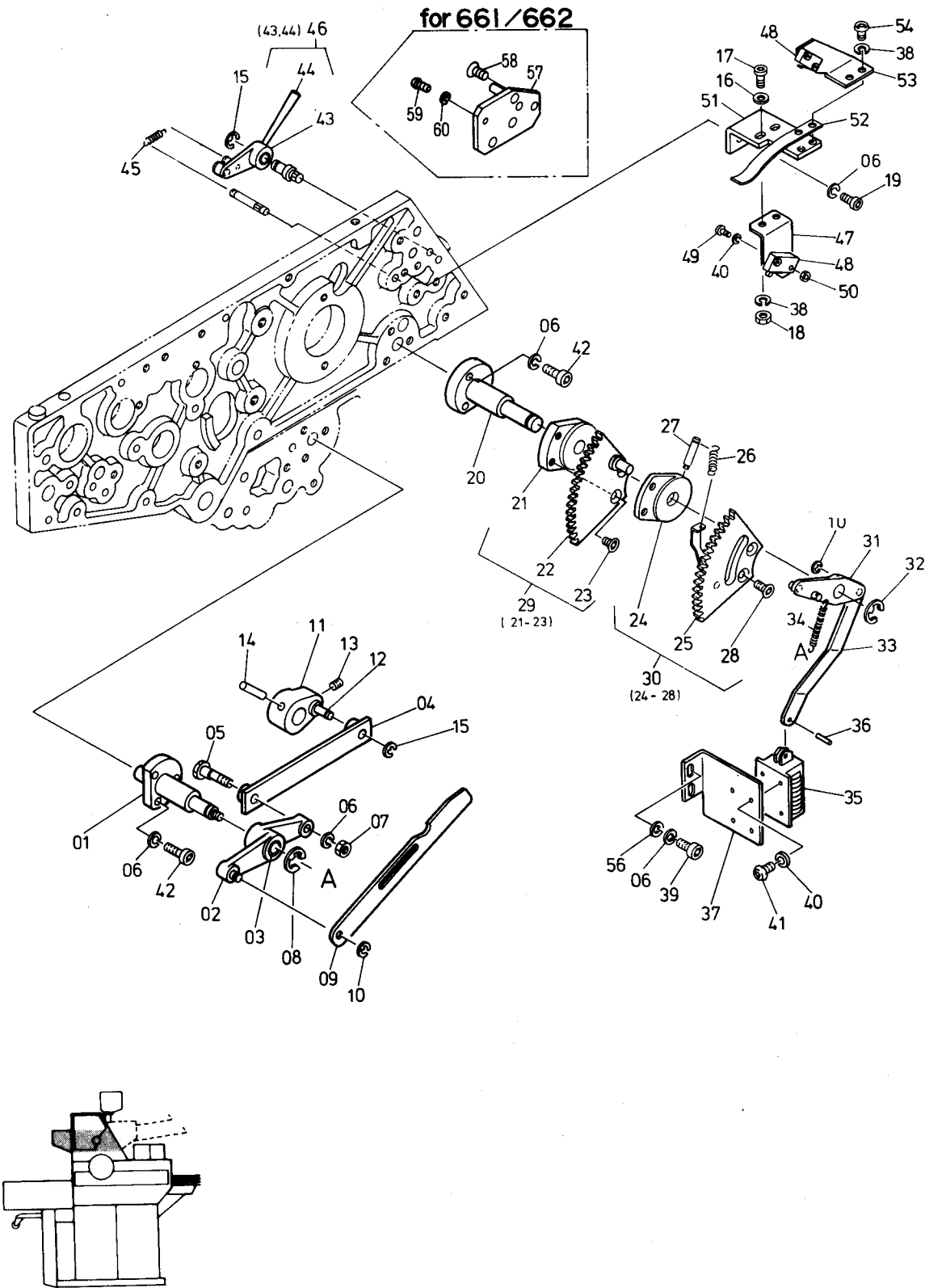


**Inking Section
Form Roller Shaft**

N2027

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	PC03-28A	Single Lever Control Plate		1	1	0
02	I18-11-3	Stop Stud		3	2	2
03	180-104	Lock Washer		3	4	3
04	170-104	Nut		3	4	3
05	181-406	E-Ring		3	3	3
06	PC03-39	Drive Dog Stopper		0	1	0
07	125-658	Screw		0	2	0
08	I18-46-1A-3	Form Roller Handle		3	3	3
09	I18-53-1A-3	Dampening Drive Bracket		1	1	1
10	CP03-53	Form Roller Hub		3	3	3
11	CP11-30	Dampening Form Roller Bracket		1	1	1
12	I18-59-1A-3	Snubber		3	3	3
13	I18-60-3	Nut		3	3	3
14	I18-59-1B-3	Snubber with Nut		3	3	3
15	CP11-23A	Dampening From Roller Shaft		1	1	1
16	I18-49-1A-3	1st Form Roller Drive Bracket		1	1	1
17	I18-47-3	1st Form Roller Bracket		1	1	1
18	CP03-20A	Ink Form Roller Shaft		2	2	2
19	I18-42-01-3	Shoulder Screw		2	2	2
20	I18-50-1A-3	2nd Form Roller Drive Bracket		1	1	1
21	CP03-45	2nd Form Roller Bracket		1	1	1
22	CP03-65	Spring		1	1	1
23	PC03-35	Ink Drive Bracket Connecting Link		1	1	1
24	145-355	Set Screw		3	3	3
25	145-358	Set Screw		3	3	3
26	I18-55-3	Snubber Pin		3	3	3
27	I18-56-3	Spring		3	3	3
28	I18-54-3	Snubber		3	3	3
29	I18-46-1A-3	Form Roller Handle		3	3	3
30	I18-46-1B-3	Form Roller Handle with Hub		3	3	3
31	CP11-23B	Dampening Form Roller Shaft Assy		1	1	1
32	CP03-20B	Ink Form Roller Shaft Assy		2	2	2
33	4808-07001A	Single Lever Control Plate		0	0	1
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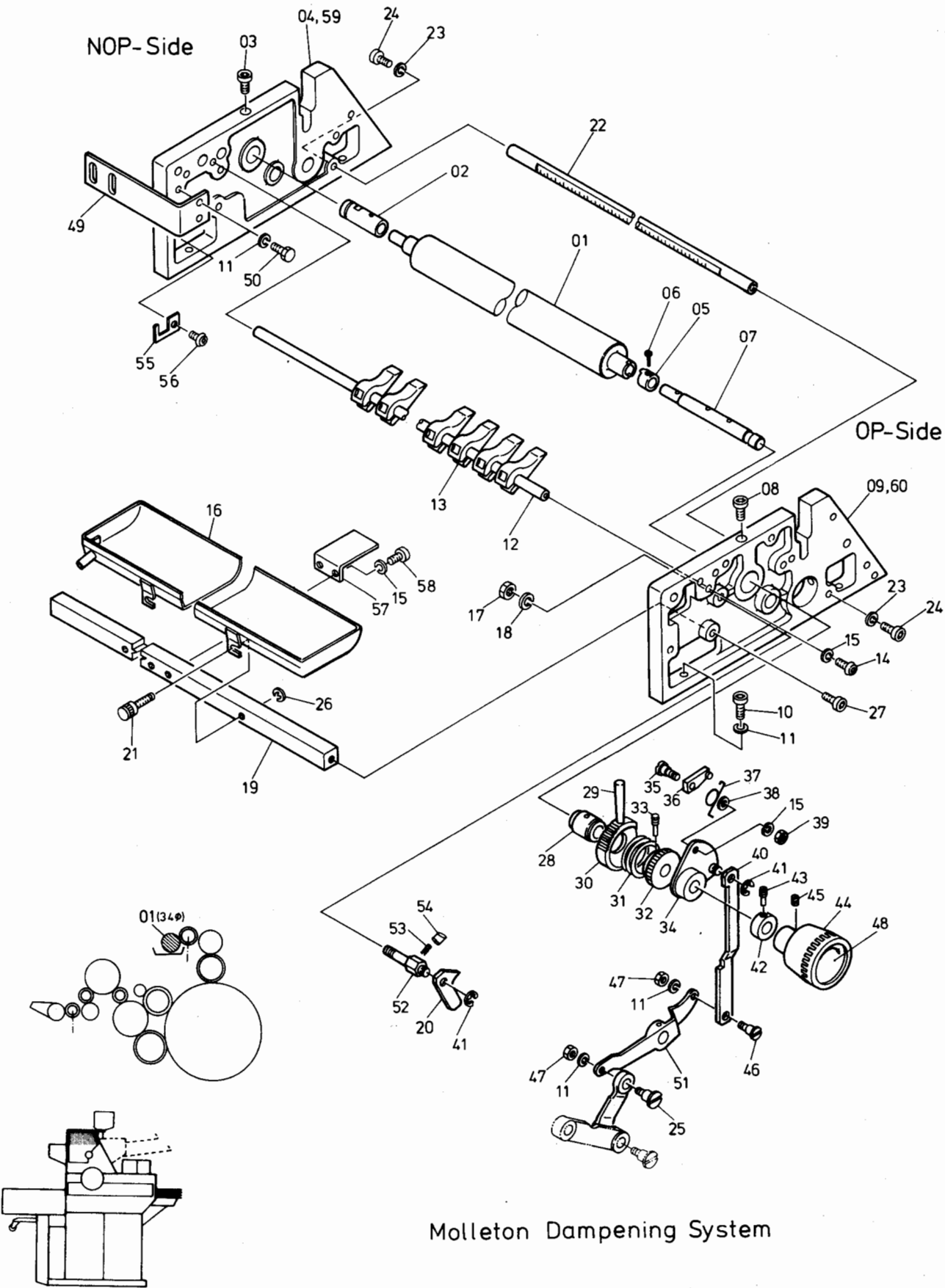
OP-Side



Inking Section
Relative Parts for OP—Side Frame

N2028

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP02-18	Pivot Stud		0	1	0
02	CP02-14A	Lever		0	1	0
03	243-620	Bushing	Included in 02	0	1	0
04	CP02-13A	Link		0	1	1
05	CP02-15	Eccentric Pin		0	1	1
06	180-106	Lock Washer		0	11	0
07	170-106	Nut		0	1	0
08	181-408	E-Ring		0	1	0
09	PC02-43	Link		0	1	0
10	181-404	E-Ring		0	1	0
11	CP02-29	Crank		0	1	1
12	CP02-27	Pin		0	1	0
13	145-506	Screw		0	1	1
14	183-229	Roll Pin		0	1	1
15	181-406	E-Ring		1	2	1
16	184-105	Flat Washer		0	2	0
17	117-512	Screw		0	2	0
18	170-105	Nut		0	2	0
19	117-362	Screw		0	2	0
20	CP02-17	Pivot Stud		0	1	0
21	PC02-62	Bracket		0	1	0
22	PC02-46A	Sector Gear		0	1	0
23	122-112	Screw		0	2	0
24	PC02-64	Bracket		0	1	0
25	PC02-88A	Sector Gear		0	1	0
26	H03-35-3	Spring		0	1	0
27	PC02-89	Spring Pin		0	1	0
28	122-108	Screw		0	2	0
29	PC02-46B	Sector Bracket		0	1	0
30	PC02-88B	Sector Bracket		0	1	0
31	CP02-12A	Lever		0	1	0
32	181-410	E-Ring		0	1	0
33	CP02-11	Lever		0	1	0
34	H08-13-3	Spring		0	1	0
35	E09-25-3	Solenoid		0	1	0
36	183-182	Roll Pin		0	1	0
37	CP03-38	Solenoid Bracket		0	1	0
38	180-105	Lock Washer		0	6	0
39	117-362	Screw		0	2	0
40	180-103	Lock Washer		0	8	0
41	125-608	Screw		0	6	0
42	117-368	Screw		1	1	0
43	CM14-38B	Lever		1	1	0
44	I24-41-01-3	Handle		1	1	0
45	DT-25	Spring		1	1	0
46	CM14-38C	Lever Assy	(43, 44)	1	1	0
47	PC02-83	Bracket for Limit Switch		0	1	0
48	E10-31-3	Microswitch		0	2	0
49	125-066	Screw		0	4	0
50	170-103	Nut		0	4	0
51	PC02-71	Bracket		0	1	0
52	PC02-70	First Spring		0	1	0
53	PC02-82	Bracket for Limit Switch		0	1	0
54	125-710	Screw		0	2	0
55						
56	184-106	Flat Washer		0	2	0
57	4807-04050A	Pin Plate	(for 661/662)	1	1	0
58	122-112	Screw		2	2	0
59	125-712	Screw		1	1	0
60	180-105	Lock Washer		1	1	0
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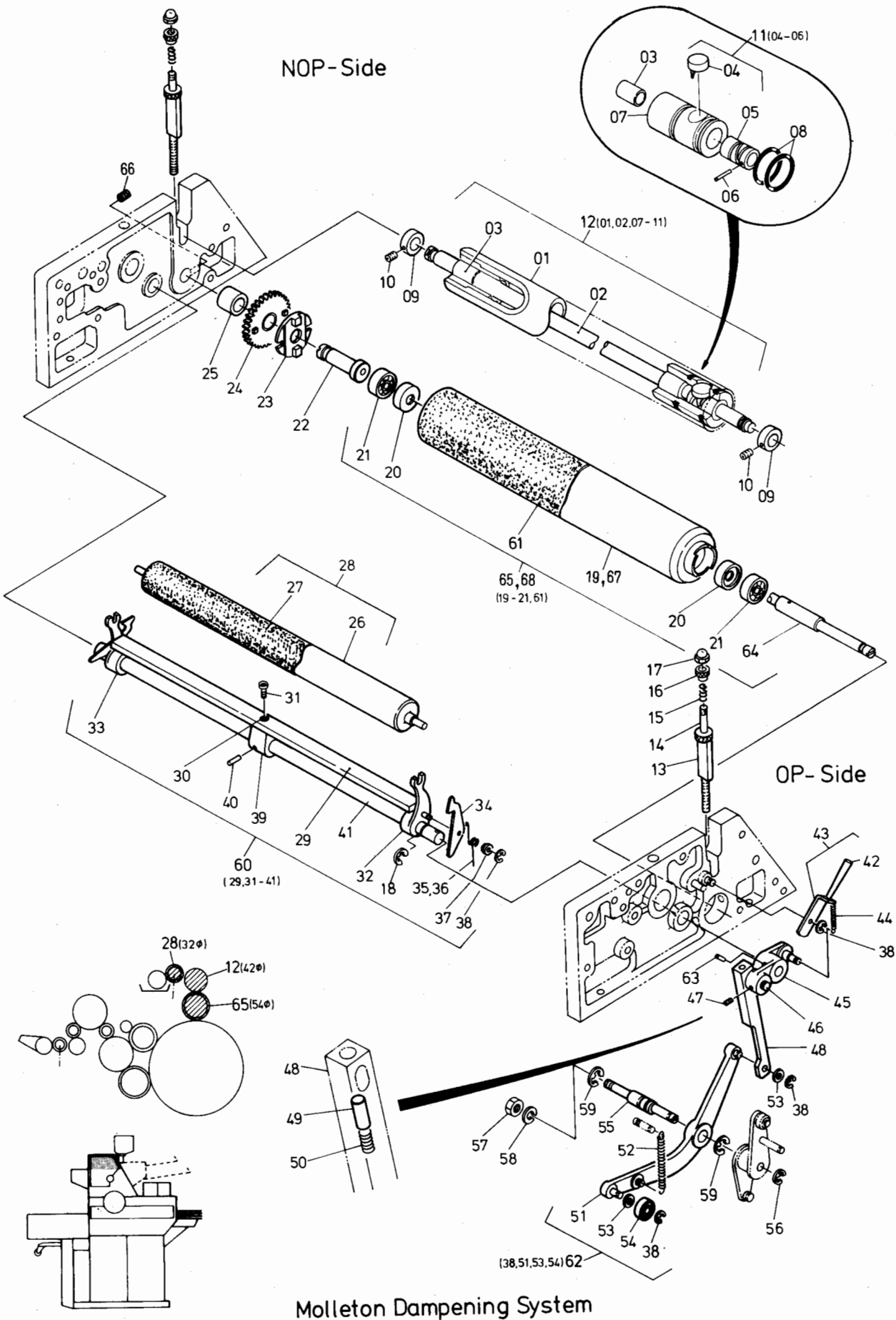


Molleton Dampening System

Dampening Section
Side Frame and Fountain Roller (Molleton System)

N2029

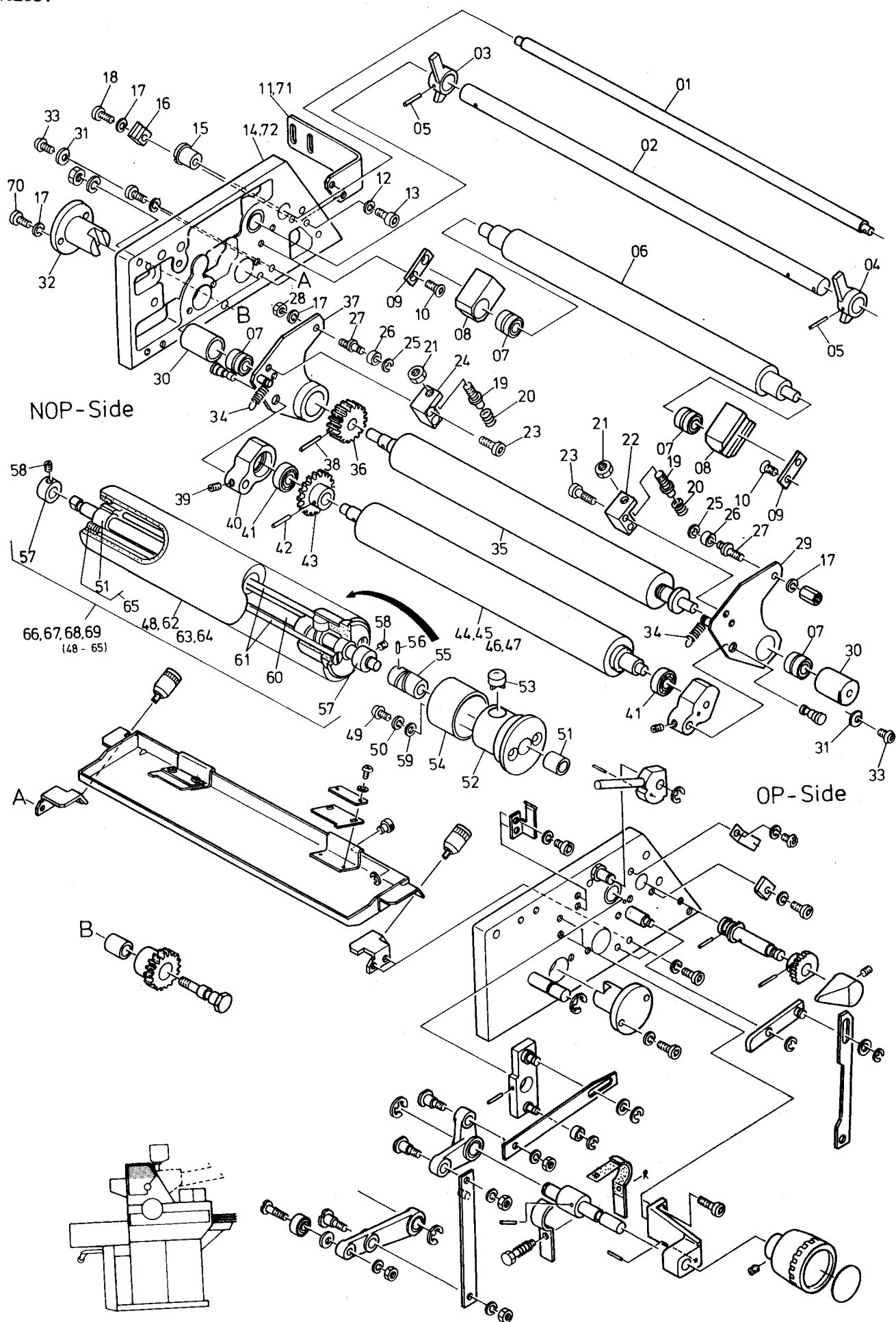
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP11-15A	Fountain Roller		1	1	1
02	CP11-19	Fountain Roller Bushing		1	1	1
03	117-375	Screw		1	1	1
04	CP11-02A	Dampening Side Frame	NOP-S	1	1	0
05	R02-07-3	Fountain Roller Coupling		1	1	1
06	111-314	Screw		1	1	1
07	PC11-29	Dampening Fountain Roller Shaft		1	1	1
08	117-515	Screw		1	1	1
09	CP11-01A	Dampening Side Frame	PO-S	1	1	0
10	117-370	Screw		4	4	4
11	180-106	Lock Washer		7	7	7
12	PC11-46	Washer Stop Shaft		1	1	1
13	R05-01-3	Water Stop		7	7	7
14	125-725	Screw		2	2	2
15	180-105	Lock Washer		4	4	4
16	CP11-16	Dampening Fountain Tray		1	1	1
17	170-108	Screw		1	1	1
18	180-108	Lock Washer		1	1	1
19	CP11-14	Fountain Tray Bracket		1	1	1
20	R11-76-3	Detent Pawl		1	1	1
21	CP11-25	Knob		2	2	2
22	CP11-32	Roller Guard Shaft		2	2	2
23	180-104	Lock Washer		2	2	2
24	117-425	Screw		2	2	2
25	R02-33-3	Shoulder Screw		1	1	1
26	181-404	E-Ring		2	2	2
27	117-370	Screw		2	2	2
28	CP11-35	Fountain Roller Bushing	OP-S	1	1	1
29	I24-41-01-3	Ink Ratchet Handle		1	1	1
30	PC11-40A	Ratchet Control Hub	Included in 30	1	1	1
31	R02-11-3	Compression Spring		1	1	1
32	R02-12-3	Ratchet Wheel		1	1	1
33	M04-37-3	Pilot Screw		1	1	1
34	PC11-47A	Drive Pawl Plate		1	1	1
35	R02-22-3	Shoulder Screw		1	1	1
36	R02-20-1A-3	Ratchet Drive Pawl		1	1	1
37	R02-25-01-3	Pawl Spring		1	1	1
38	R02-23-3	Flat Washer		1	1	1
39	170-105	Nut		1	1	1
40	PC11-39	Ratchet Drive Link		1	1	1
41	181-406	E-Ring		2	2	2
42	I02-26-3	Collar		1	1	1
43	I02-27-3	Pilot Screw		1	1	1
44	PC03-38A	Dampening Fountain Roller Knob		1	1	1
45	140-360	Set Screw		1	1	1
46	R02-27-3	Shoulder Screw		1	1	1
47	170-106	Nut		2	2	2
48	PC03-38	Name Plate	Included in 44	1	1	1
49	CP11-33	Bottle Bracket		1	1	1
50	101-366	Screw		2	2	2
51	PC11-31	Ratchet Drive Lever		1	1	1
52	CP11-26	Snubber Stud		1	1	1
53	I02-30-3	Spring		1	1	1
54	I02-29-3	Snubber		1	1	1
55	CP11-27	Hose Crip		1	1	1
56	125-708	Screw		1	1	1
57	PC11-15	Fountain Tray Support Bracket		1	1	1
58	117-510	Screw		2	2	2
59	4808-01006A	Dampening Side Frame	NOP-S	0	0	1
60	4808-01005A	Dampening Side Frame	OP-S	0	0	1
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Dampening Section
Ductor Oscillation and Form rollers (Molleton System)

N2030

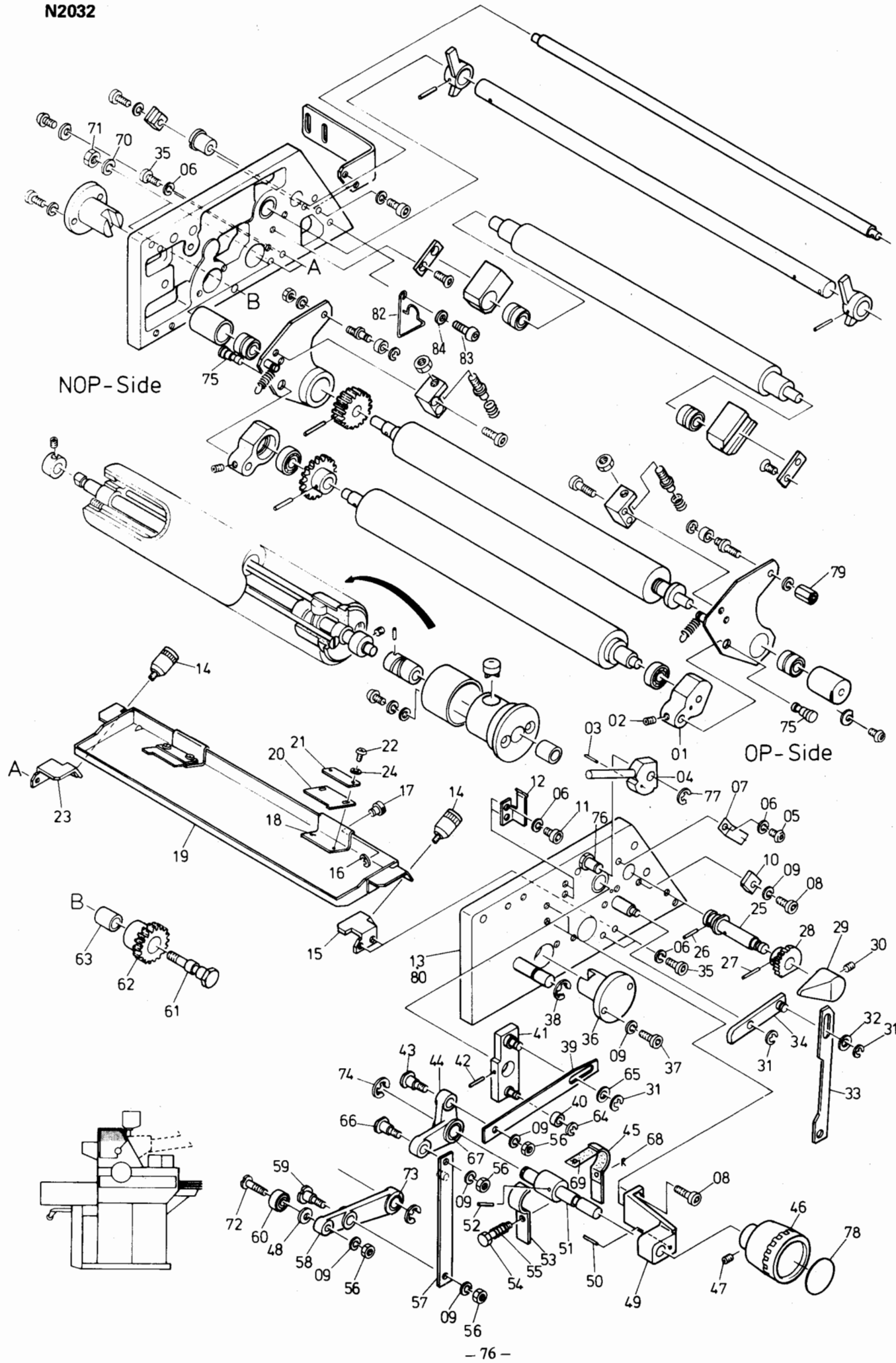
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP11-28	Dampening Distributor Roller Shell		1	1	1
02	CP11-29	Dampening Distributor Roller Shaft		1	1	1
03	243-620	Dampening Distributor Roller Bushing Included in 01, 07		2	2	2
04	R03-10-3	Worm Cam Follower		1	1	1
05	I03-57-3	Worm Cam		1	1	1
06	I03-58-3	Roll Pin		1	1	1
07	R03-07-0A-3	Housing for Oscillating Mechanism		1	1	1
08	324-622	O-Ring		2	2	2
09	X03-08-01-3	Collar		2	2	2
10	145-406.01	Set Screw		2	2	2
11	R03-10-1A-3	Dampening Form Cam and Follower (04 ~ 06)		1	1	1
12	CP11-28C	Dampening Distributor Roller Assy (01, 02, 07 ~ 11)		1	1	1
13	CP11-31	Roller Holder		2	2	2
14	CP11-34	Holder Stem		2	2	2
15	R01-14-3	Spring		2	2	2
16	R01-15-3	Thumb Nut		2	2	2
17	R01-16-3	Cap Nut		2	2	2
18	181-410	E-Ring		1	1	1
19	PC11-26A	Dampening Form Roller		1	1	1
20	I03-49-3	Dampening Form Roller Hub Included in 19		2	2	2
21	I03-48-3	Bearing Included in 19		2	2	2
22	CP11-22	Form Roller Drive Gear Eccentric Stud		1	1	1
23	I23-56-3	Form Roller Drive Gear Collar		1	1	1
24	PC11-36B	Form Roller Drive Gear		1	1	1
25	CP11-20	Spacer		1	1	1
26	PC11-25	Ductor Roller		1	1	1
27	PC11-27	Ductor Roller Cover		1	1	1
28	PC11-25A	Ductor Roller with Cover		1	1	1
29	PC11-56A	Ductor Bracket Spreader		1	1	1
30	243-608	Bushing Included in 29		1	1	1
31	R11-35-01-3	Pin		1	1	1
32	R11-27-3	Dampening Ductor Roller Bracket	OP-S	1	1	1
33	R11-28-3	Dampening Ductor Roller Bracket	NOP-S	1	1	1
34	R11-32-3	Ductor Roller Latch		2	2	2
35	I01-32-3	Latch Spring	NOP-S	1	1	1
36	I01-33-3	Latch Spring	OP-S	1	1	1
37	R11-29-3	Spring Hub		2	2	2
38	181-404	E-Ring		5	5	5
39	R11-33-3	Pivot Bracket		1	1	1
40	183-206	Roll Pin		1	1	1
41	CP11-21	Ductor Frame Shaft		1	1	1
42	X13-27-01-3	On-Off Control Lever Handle		1	1	1
43	PC11-48A	On-Off Control Lever		1	1	1
44	R11-60-3	On-Off Control Lever Spring		1	1	1
45	R11-86-1A-3	Ductor Operating Arm		1	1	1
46	R11-84-3	Ductor Operating Arm Drive Pin		1	1	1
47	145-508	Set Screw		1	1	1
48	PC11-41	Ductor Drive Link		1	1	1
49	R11-89-3	Ductor Drive Link Pin		1	1	1
50	PC11-43	Spring		1	1	1
51	PC11-19A	Ductor Drive Lever		1	1	1
52	U12-65-01-3	Ductor Spring		1	1	1
53	184-106	Flat Washer		2	2	2
54	250-126.6	Bearing		1	1	1
55	CP02-16	Eccentric Pin		1	1	1
56	181-406	E-Ring		1	1	1
57	170-108	Nut		1	1	1
58	180-108	Lock Washer		1	1	1
59	181-410	E-Ring		2	2	2
60	CP11-21A	Dampening Ductor Roller Frame Assy		1	1	1
61	PC11-28	Dampening Form Roller Cover		1	1	1
62	PC11-19B	Ductor Drive Lever Assy (38, 51, 53, 54)		1	1	1
63	183-207	Roll Pin		1	1	1
64	CP11-23A	Dampening Form Roller Shaft		1	1	1
65	PC11-26B	Dampening Form Roller with Cover (19 ~ 21, 61)		1	1	1
66	145-358	Set Screw		1	1	1
67	CP11-39A	Dampening Form Roller (49.5φ)	Option	1	1	1
68	CP11-39B	Dampening Form Roller with Cover	Option	1	1	1
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**Dampening Section
Side Frame and Roller (Intargrated System)**

N2031

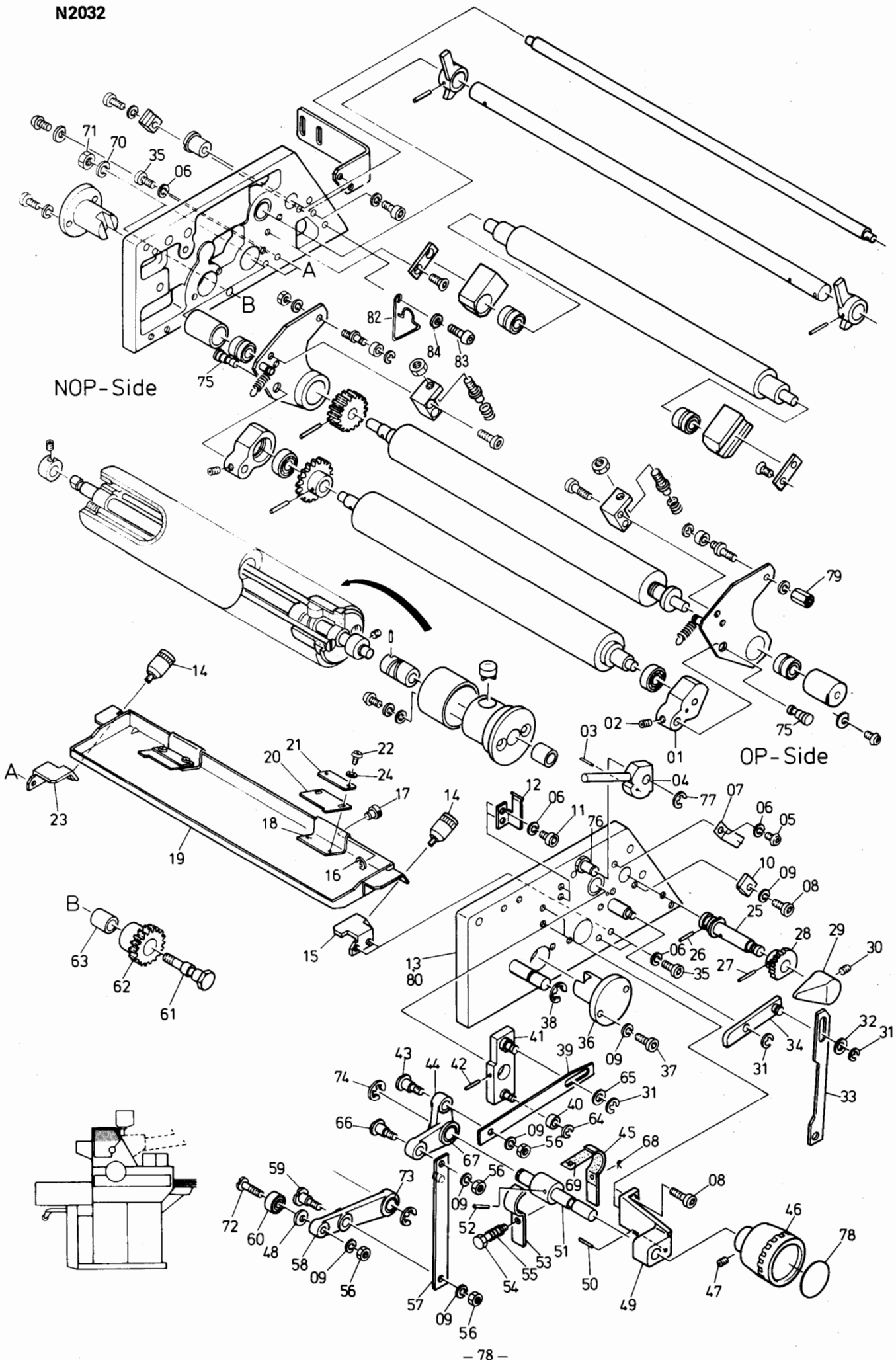
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP18-54	Eccentric Shaft		1	1	1
02	CP18-21	Metering Roller On-Off Shaft		1	1	1
03	CP18-33	Lever	NOP-S	1	1	1
04	CP18-32	Lever	OP-S	1	1	1
05	183-207	Roll Pin		2	2	2
06	CP18-23A	Squeeze Roller		1	1	1
07	CP18-81	Bearing		4	4	4
08	CP18-40	Squeeze Roller Bracket		2	2	2
09	CP18-41	Guide Plate		2	2	2
10	122-110	Screw		4	4	4
11	PC18-55	Bottle Bracket		1	1	0
12	180-105	Lock Washer	NOP-S	2	2	2
13	117-522	Screw		2	2	2
14	CP18-02A	Dampening Side Frame	NOP-S	1	1	0
15	CP18-43	Eccentric Bushing		1	1	1
16	CP18-52	Block		1	1	1
17	180-106	Lock Washer		4	4	4
18	117-365	Screw		2	2	2
19	CP18-13	Adjustment Screw		2	2	2
20	CP18-14	Spring		2	2	2
21	170-108	Nut		2	2	2
22	CP18-11	Block	OP-S	1	1	1
23	117-515	Screw		4	4	4
24	CP18-12	Block	NOP-S	1	1	1
25	181-404	E-Ring		2	2	2
26	R51-20-3	Guide Roller		2	2	2
27	CP18-31	Eccentric Pin		2	2	2
28	170-106	Nut		1	1	1
29	CP18-19A	Metering Roller Bracket	OP-S	1	1	1
30	CP18-06	Bushing		2	2	2
31	I23-18-3	Washer		2	2	2
32	CP18-57	Flange	NOP-S	1	1	1
33	125-708	Screw		2	2	2
34	CP18-15	Spring		2	2	2
35	CP18-03	Fountain Roller		1	1	1
36	CP18-10	Gear		1	1	1
37	CP18-20A	Metering Roller Bracket	NOP-S	1	1	1
38	183-188	Roll Pin		1	1	1
39	145-356	Set Screw		1	1	1
40	CP18-38	Ductor Roller Bracket	NOP-S	1	1	1
41	250-000.6	Bearing		2	2	2
42	183-186	Roll Pin		1	1	1
43	CP18-07	Gerr		1	1	1
44	CP18-05	Metering Roller	Spec. 1	1	1	1
45	CP18-69	Metering Roller	Spec. 2	1	1	1
46	CP18-71	Metering Roller	Spec. 3	1	1	1
47	CP18-73	Metering Roller	Spec. 4	1	1	1
48	CP18-75	Oscillating Roller	Spec. 1	1	1	1
49	125-708	Screw		1	1	1
50	180-105	Lock Washer		1	1	1
51	H08-16-3	Bushing	Included in 52, 65	2	2	2
52	CP03-43A	Oscillator Mechanism Hub		1	1	1
53	G26-86-3	Oscillator Worm Cam Follower (Dog)		1	1	1
54	CP03-44	Retaining Hub		1	1	1
55	I03-57-3	Oscillator Worm Cam		1	1	1
56	I03-58-3	Roll Pin		1	1	1
57	X03-08-01-3	Collar		2	2	2
58	145-406.01	Screw		2	2	2
59	184-105	Flat Washer		1	1	1
60	CP18-76	Oscillating Roller Shaft		1	1	1
61	CP03-47	Oscillating Roller Tie Rod		2	2	2
62	CP18-77	Oscillating Roller	Spec. 2	1	1	1
63	CP18-78	Oscillating Roller	Spec. 3	1	1	1
64	CP18-79	Oscillating Roller	Spec. 4	1	1	1
65	I03-52-1A-3	Oscillator Roller Hub		1	1	1
66	CP18-75A	Oscillating Roller Assy (48~65)	Spec. 1	1	1	1
67	CP18-77A	Oscillating Roller Assy (48~65)	Spec. 2	1	1	1
68	CP18-78A	Oscillating Roller Assy (48~65)	Spec. 3	1	1	1
69	CP18-79A	Oscillating Roller Assy (48~65)	Spec. 4	1	1	1
70	117-368	Screw		2	2	2
71	4808-12038	Bottle Bracket		0	0	1
72	4808-01019	Dampening Side Frame	NOP-S	0	0	1



**Integrated Section
Side Frame and Oscillating Roller**

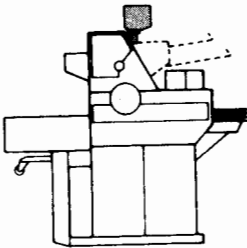
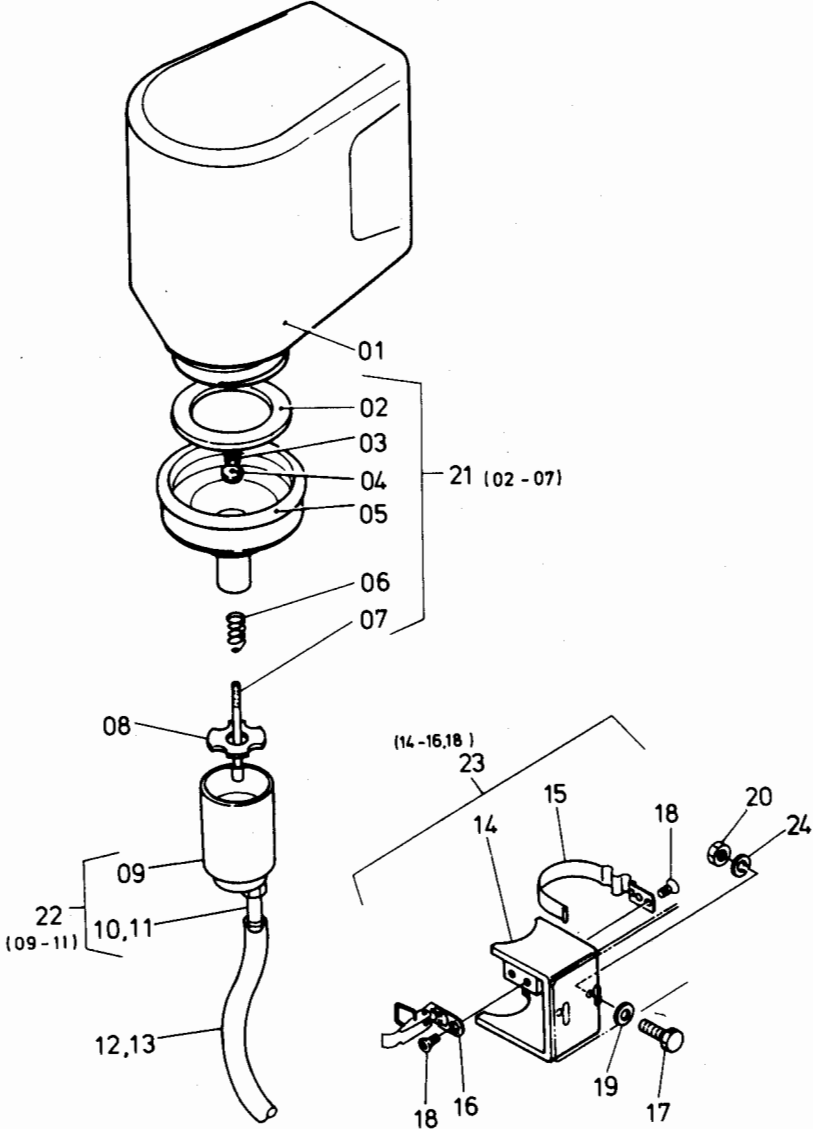
N2032

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP18-39	Metering Roller Bracket	OP-S	1	1	1
02	145-356	Set Screw		1	1	1
03	183-201	Roll Pin		1	1	1
04	CP18-35A	Night Latch Cam		1	1	1
05	125-708	Screw		1	1	1
06	180-105	Lock Washer		4	4	4
07	CP18-17	Spring		1	1	1
08	117-365	Screw		3	3	3
09	180-106	Lock Washer		7	7	7
10	CP18-52	Block		1	1	1
11	117-510	Screw		2	2	2
12	CP18-30	Stopper		1	1	1
13	CP18-82A	Dampening Side Frame	OP-S	1	1	0
14	CP18-65	Knob		2	2	2
15	CP18-58	Fountain Tray Bracket	OP-S	1	1	1
16	181-403	E-Ring		2	2	2
17	CP18-64	Knob		2	2	2
18	CP18-61	Bracket		2	2	2
19	CP18-60	Dampening Fountain Tray		1	1	0
20	CP18-63	Blade		2	2	2
21	CP18-62	Plate		2	2	2
22	125-658	Screw		4	4	4
23	CP18-59	Fountain Tray Bracket	NOP-S	1	1	1
24	180-104	Lock Washer		4	4	4
25	CP18-53	Squeeze Roller Handle		1	1	1
26	183-183	Roll Pin		1	1	1
27	183-185	Roll Pin		1	1	1
28	PC18-55	Ratchet Wheel		1	1	1
29	CP18-09	Knob		1	1	1
30	145-506	Set Screw		1	1	1
31	181-406	E-Ring		3	3	3
32	131-09-3	Spacer		1	1	1
33	CP18-45	Night Latch Link		1	1	1
34	CP18-44A	Night Latch Lever		1	1	1
35	117-520	Screw		4	4	4
36	CP18-57	Flange		1	1	1
37	117-368	Screw		2	2	2
38	181-410	E-Ring		1	1	1
39	CP18-29	Link		1	1	1
40	R51-20-3	Spacer		1	1	1
41	CP18-34A	Lever		1	1	1
42	183-207	Roll Pin		1	1	1
43	CK08-09	Eccentric Pin		1	1	1
44	CP18-26A	Lever		1	1	1
45	KR-81	Brake Shoe B		1	1	1
46	PC02-59	Handle		1	1	1
47	140-360	Set Screw		1	1	1
48	131-09-3	Flat Washer		1	1	1
49	CP18-24	Bracket		1	1	1
50	183-183	Roll Pin		1	1	1
51	CP18-25	Eccentric Pin		1	1	1
52	183-188	Roll Pin		1	1	1
53	KR-80	Brake Shoe A		1	1	1
54	KR-88	Adjustment Screw		1	1	1
55	KR-82	Spring		1	1	1
56	170-106	Nut		4	4	4
57	CP18-28A	Link		1	1	1
58	CP18-27A	Lever		1	1	1
59	102-42-3	Pin		1	1	1
60	250-126.6	Bearing		1	1	1
61	CP18-22	Gear Stud		1	1	1
62	CP18-18A	Gear		1	1	1
63	241-1212.1	Bushing	Included in 62	1	1	1
64	181-404	E-Ring		1	1	1
65	184-108	Flat Washer		1	1	1
66	CK08-16	Pin		1	1	1
67	243-619	Bushing	Included in 44	1	1	1
68	183-725	Cotter Pin		1	1	1
69	CP18-68	Brake Band		1	1	1
70	180-110	Lock Washer		1	1	1



N2032

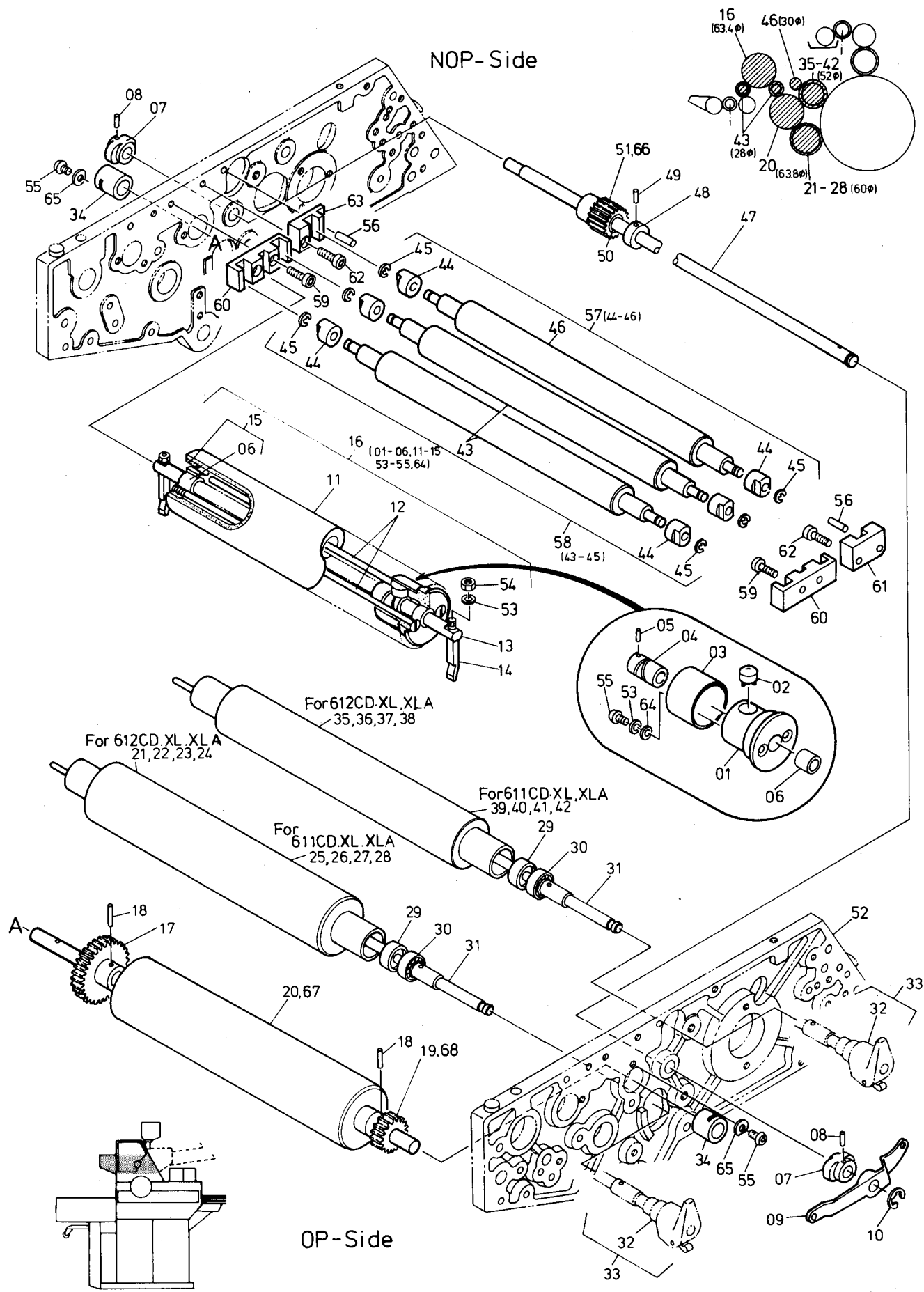
- 79 -



**Dampening Section
Dampening Fountain Bottle**

N2033

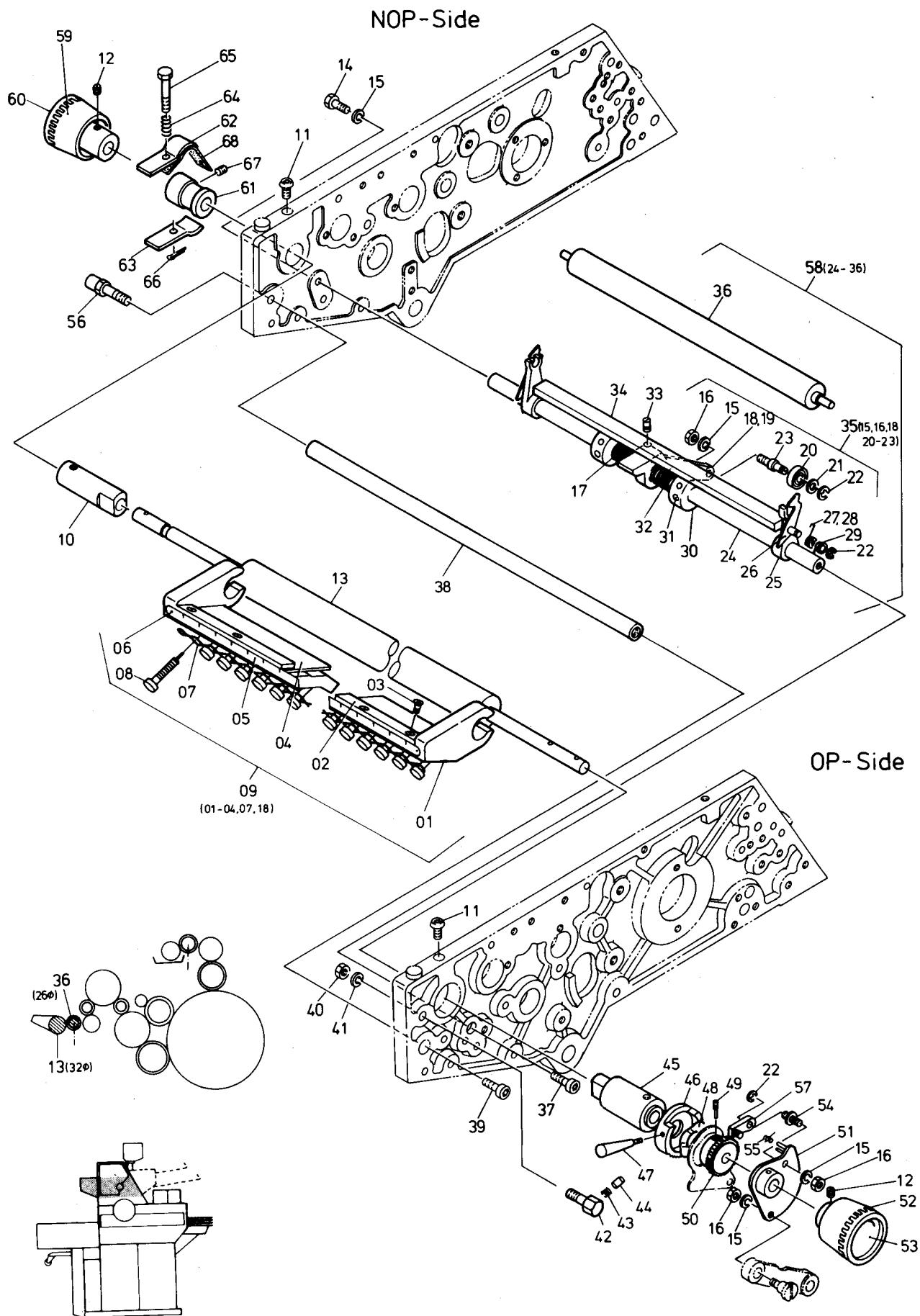
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	4210-22198	Dampening Fountain Bottle		1	1	1
02	R03-21-3	Packing		1	1	1
03	R03-25-3	Nut		1	1	1
04	R03-23-3	Valve		1	1	1
05	R03-19-3	Valve Cap		1	1	1
06	R03-24-3	Valve Spring		1	1	1
07	R03-22-3	Valve Stem		1	1	1
08	WF-46	Stopper		1	1	1
09	WF-45	Fountain Cup		1	1	1
10	WF-22	Joint		1	1	1
11	WF-23	Packing		1	1	1
12	PC18-27	Fountain Cup Hose (6φ x 360)	Integrated System	1	1	1
13	PC11-51	Fountain Cup Hose (6φ x 300)	Molleton System	1	1	1
14	R51-89-3	Bottle Bracket		1	1	1
15	WF-40-1A	Band		1	1	1
16	WF-39	Band Clip		1	1	1
17	101-516	Screw		2	2	2
18	122-006	Screw		4	4	4
19	184-105	Flat Washer		2	2	2
20	170-105	Nut		2	2	2
21	R03-19-0A-3	Fountain Bottle Cap Assy (02 ~ 07)		1	1	1
22	WF-45-1A	Fountain Cup Assy (09, 10, 11)		1	1	1
23	R51-89-1A-3	Bottle Bracket Assy (14 ~ 16, 18)		1	1	1
24	180-105	Lock Washer		2	2	2
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Inking Section
Form Roller, Oscillation Roller and Idle Roller

N2034

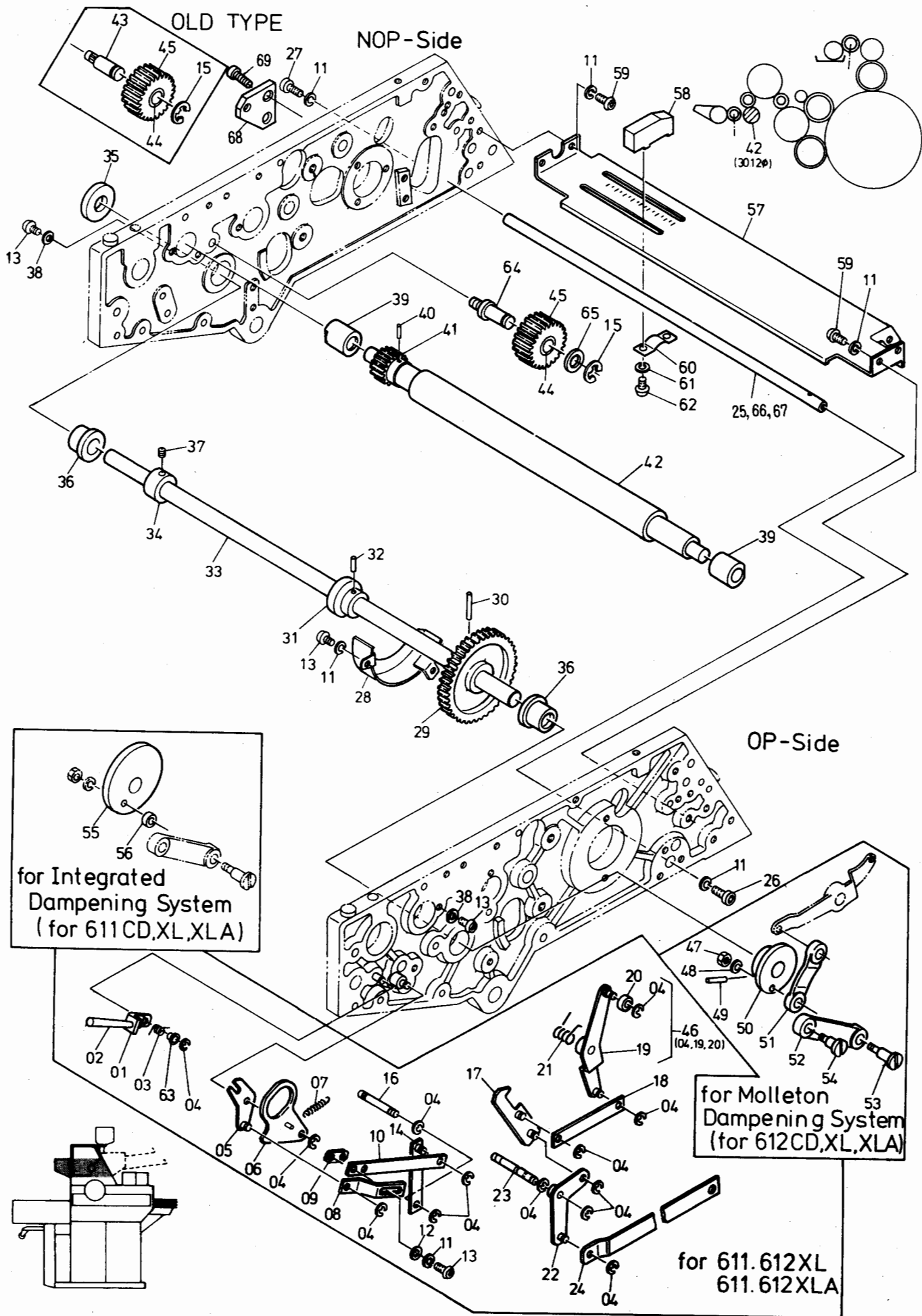
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP03-43A	Oscillating Mechanism Hub		1	1	1
02	G26-86-3	Oscillator Worm Cam Follower (Dog)		1	1	1
03	CP03-44	Collar		1	1	1
04	I03-57-3	Oscillator Worm Cam		1	1	1
05	I03-58-3	Roller Pin		1	1	1
06	H08-16-3	Ink Oscillator Roller Bushing	Included in 01, 15	2	2	2
07	PC02-85	Night Latch Cam		2	2	2
08	182-146	Taper Pin		2	2	2
09	PC11-31	Ratchet Drive Lever	For 612CD, XL, XLA	1	1	1
10	181-410	E-Ring		1	1	1
11	CP03-42	Ink Oscillating Roller Shell		1	1	1
12	CP03-47	Ink Oscillating Roller Tie Rod		2	2	2
13	CP03-06	Ink Oscillating Roller Shaft		1	1	1
14	I03-60-3	Ink Oscillator Bracket		2	2	2
15	I03-52-1A-3	Ink Oscillating Roller Takeup Hub		1	1	1
16	CP03-42A	Ink Oscillating Roller Assy		1	1	1
17	PC03-32	Distributor Drive Gear		1	1	1
18	183-207	Roll Pin	Included in 20, 67	2	2	2
19	PC03-31	Timing Pinion Gear	Included in 20, 67 ~ HV-3669	1	1	0
20	CP03-04A	Oscillating Ink Distributor Roller	~ HV-3669	1	1	0
21	PC03-11A	Lower Form Roller	Spec. 1 For 612CD, XL, XLA	1	1	1
22	PC03-71A	Lower Form Roller	Spec. 2 For 612CD, XL, XLA	1	1	1
23	PC03-73A	Lower Form Roller	Spec. 3 For 612CD, XL, XLA	1	1	1
24	PC03-75A	Lower Form Roller	Spec. 4 For 612CD, XL, XLA	1	1	1
25	PC03-69A	Lower Form Roller	Spec. 1 For 611CD, XL, XLA	1	1	1
26	PC03-63A	Lower Form Roller	Spec. 2 For 611CD, XL, XLA	1	1	1
27	PC03-65A	Lower Form Roller	Spec. 3 For 611CD, XL, XLA	1	1	1
28	PC03-67A	Lower Form Roller	Spec. 4 For 611CD, XL, XLA	1	1	1
29	I03-49-3	Form Roller Hub	Included in 21 ~ 28, 35 ~ 42	4	4	4
30	I03-48-3	Bearing	Included in 21 ~ 28, 35 ~ 42	4	4	4
31	CP03-20A	Ink Form Roller Shaft		2	2	2
32	I18-46-1A-3	Form Roller Handle		2	2	2
33	CP03-20B	Form Roller Shaft with Handle		2	2	2
34	CP03-14	Bushing	Included in 52	2	2	2
35	PC03-10A	Upper Form Roller	Spec. 1 For 612CD, XL, XLA	1	1	1
36	PC03-70A	Upper Form Roller	Spec. 2 For 612CD, XL, XLA	1	1	1
37	PC03-72A	Upper Form Roller	Spec. 3 For 612CD, XL, XLA	1	1	1
38	PC03-74A	Upper Form Roller	Spec. 4 For 612CD, XL, XLA	1	1	1
39	PC03-68A	Upper Form Roller	Spec. 1 For 611CD, XL, XLA	1	1	1
40	PC03-62A	Upper Form Roller	Spec. 2 For 611CD, XL, XLA	1	1	1
41	PC03-64A	Upper Form Roller	Spec. 3 For 611CD, XL, XLA	1	1	1
42	PC03-66A	Upper Form Roller	Spec. 4 For 611CD, XL, XLA	1	1	1
43	CP03-02	Ink Idle Roller	Rubber	2	2	2
44	CP03-11	Bushing		6	6	6
45	181-405	E-Ring		6	6	6
46	CP03-01	Ink Idle Roller	Rilsan	1	1	1
47	CP03-12	Night Latch Shaft		1	1	1
48	I03-10-3	Collar		1	1	1
49	183-186	Roll Pin		1	1	1
50	H08-16-3	Bushing	Included in 51, 66	2	2	2
51	CP03-10A	Idle Gear with Bushing	~ HV-3669	1	1	0
52	CP01-01A	Inking System Frame	OP-S	1	1	1
53	180-105	Lock Washer		3	3	3
54	170-105	Nut		2	2	2
55	125-708	Screw		3	3	3
56	183-225	Roll Pin		2	2	2
57	CP03-01A	Ink Idle Roller Assy	Rilsan	1	1	1
58	CP03-02A	Ink Idle Roller Assy	Rubber	2	2	2
59	117-370	Screw		4	4	4
60	CP03-41	Bracket		2	2	2
61	CP03-39	Bracket	OP-S	1	1	1
62	117-520	Screw		2	2	2
63	CP03-40	Bracket	NOP-S	1	1	1
64	184-105	Washer		1	1	1
65	I23-18-3	Retaining Washer		2	2	2
66	CP03-60A	Idle Gear with Bushing	HV-3670 ~	1	1	1
67	CP03-58A	Oscillating Ink Distributor Roller	HV-3670 ~	1	1	1
68	CP03-61	Timing Pinion Gear	HV-3670 ~	1	1	1
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Inking Section
Ink Ductor Roller and Ink Fountain

N2035

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	PC02-01A	Ink Fountain		1	1	1
02	PC02-06	Ink Fountain Blade Clamp		1	1	1
03	122-112	Screw		6	6	6
04	PC02-09	Ink Fountain Blade		1	1	1
05	PC02-05	Ink Fountain Scale	Included in 01	1	1	1
06	H11-50-3	Rivet	Included in 01	3	3	3
07	PC02-58	Wire		1	1	1
08	I02-05-3	Ink Fountain Adjustment Thumb Screw		16	16	16
09	PC02-01B	Ink Fountain Assy	NOP-S	1	1	1
10	CP02-03	Ink Fountain Roller Bushing	NOP-S	1	1	1
11	125-712	Screw		2	2	2
12	140-360	Screw		2	2	2
13	CP02-01	Ink Fountain Roller	NOP-S	1	1	1
14	101-380	Screw	NOP-S	1	1	1
15	180-106	Lock Washer		4	4	4
16	170-106	Nut		3	3	3
17	I01-13-01-3	Spring	NOP-S	1	1	1
18	CP02-23A	Ductor Operating Arm		1	1	1
19	I01-41-3	Bushing	Included in 18	1	1	1
20	250-126.6	Cam Follower		1	1	1
21	184-106	Flat Washer		1	1	1
22	181-404	E-Ring		3	3	3
23	I01-21-3	Cam Follower Pin		1	1	1
24	CP03-05	Ductor Frame Shaft		1	1	1
25	I01-30-3	Ductor Roller Bracket		2	2	2
26	I01-31-3	Ductor Roller Latch		2	2	2
27	I01-32-3	Spring	NOP-S	1	1	1
28	I01-33-3	Spring	OP-S	1	1	1
29	I01-43-3	Spring Hub		2	2	2
30	I01-12-3	Adjustment Collar		2	2	2
31	145-510	Set Screw		6	6	6
32	I01-13-02-3	Spring	OP-S	1	1	1
33	I01-19-3	Screw		1	1	1
34	PC02-10	Ductor Bracket Spreader		1	1	1
35	CP02-23B	Eccentric Cam Follower		1	1	1
36	PC03-03	Ink Ductor Roller		1	1	1
37	117-366	Screw	OP-S	1	1	1
38	CP02-28	Spreader		1	1	1
39	117-470	Screw		1	1	1
40	170-108	Nut		1	1	1
41	180-108	Lock Washer		1	1	1
42	CP02-30	Stud		1	1	1
43	I02-30-3	Spring		1	1	1
44	I02-29-3	Snubber		1	1	1
45	CP02-02	Ink Fountain Roller Bushing	OP-S	1	1	1
46	PC02-07A	Ratchet Control Hub with Handle		1	1	1
47	I24-41-01-3	Ink Ratchet Handle	Included in 46	1	1	1
48	I02-56-3	Lock Washer		1	1	1
49	M04-37-3	Pilot Screw		1	1	1
50	I02-14-3	Ink Fountain Ratchet Wheel		1	1	1
51	I02-16-1A-3	Drive Pawl Plate		1	1	1
52	4810-22052B	Ink Fountain Roller Knob with Name Plate	OP-S	1	1	1
53	PC03-37	Name Plate	Included in 52	1	1	1
54	I02-19-3	Drive Pawl Stud	OP-S	1	1	1
55	I02-25-3	Drive Pawl Spring		1	1	1
56	CP02-35	Stud Screw		1	1	1
57	I02-23-1A-3	Drive Pawl		1	1	1
58	CP03-05A	Ductor Roller Frame Assy		1	1	1
59	4810-22052C	Ink Fountain Roller Knob with Name Plate	NOP-S	1	1	1
60	PC03-38	Name Plate	Included in 59	1	1	1
61	B56-37-3	Brake Drum		1	1	1
62	KR-80	Brake Shoe (A)		1	1	1
63	KR-81	Brake Shoe((B)		1	1	1
64	KR-82	Spring		1	1	1
65	KR-88	Screw		1	1	1
66	183-725	Cotter Pin		1	1	1
67	145-356	Screw		1	1	1
68	CP18-68	Brake Band		1	1	1
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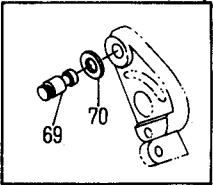


Inking Section
Cam Shaft and Related Part's for OP-Side Frame

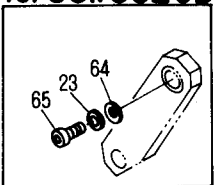
N2036

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	PC02-15A	Ink Feed Cam		0	1	1
02	I24-41-01-3	Ink Ratchet Stop Lever Handle	Included in 01	0	1	1
03	I02-78-01-3	Spring		0	1	1
04	181-404	E-Ring		0	13	13
05	CP02-06A	Lever		0	1	1
06	PC02-12A	Ratchet Release Plate		0	1	1
07	KV-82	Spring		0	1	1
08	CP02-07	Link		0	1	1
09	I02-68-3	Block		0	1	1
10	CP02-05	Link		0	1	1
11	180-105	Lock Washer		8	10	10
12	184-105	Flat Washer		0	2	2
13	125-708	Screw		4	6	6
14	CP02-04A	Lever		0	1	1
15	181-410	E-Ring		1	1	1
16	CP02-24	Stud Pin		0	1	1
17	CP02-08A	Hook		0	1	1
18	CP02-09	Link		0	1	1
19	CP02-10A	Lever		0	1	1
20	A03-51-3	Bearing		0	1	1
21	PC02-30	Spring		0	1	1
22	CP02-12A	Lever		0	1	1
23	CP02-25	Stud Pin		0	1	1
24	CP02-26	Link		0	1	1
25	CP02-32	Spreader	~ HV-3731	1	1	0
26	117-515	Screw		1	1	1
27	117-525	Screw		1	1	1
28	CP03-31	Gear Cover		1	1	1
29	PC03-34	Cam Shaft Gear		1	1	1
30	183-208	Roll Pin		1	1	1
31	I02-35-3	Cam		1	1	1
32	183-207	Roll Pin		1	1	1
33	CP03-09	Cam Shaft		1	1	1
34	M05-37-3	Collar		1	1	1
35	CP03-22	Spacer		1	1	1
36	CP03-30	Bushing		2	2	2
37	145-356	Screw		1	1	1
38	I23-18-3	Retaining Washer		2	2	2
39	CP03-15	Bushing		2	2	2
40	183-207	Roll Pin		1	1	1
41	CP03-16	Intermediate Distributor Roller Gear	Included in 42	1	1	1
42	CP03-03A	Gear Driven Distributor Roller		1	1	1
43	CP03-07	Stud Pin	~ HV-3669	1	1	0
44	CP03-49	Bushing	Included in 45	2	2	2
45	CP03-08A	Idle Gear		1	1	1
46	CP02-10B	Link		0	1	1
47	170-106	Nut		1	1	1
48	180-106	Lock Washer		1	1	1
49	183-209	Roll Pin		1	1	1
50	I02-39-01-3	Timing Cam	Molleton System	1	1	1
51	R02-32-01-3	Ratchet Drive Link	Molleton System	1	1	1
52	CP03-13	Ratchet Drive Link		1	1	1
53	I02-45-01-3	Shoulder Screw		1	1	1
54	I02-42-3	Shoulder Screw		1	1	1
55	CP18-56	Timing Cam	Integrated System	1	1	1
56	PC18-56	Spacer	Integrated System	1	1	1
57	CM04-07	Guide Plate		1	1	1
58	MC14-47	Collar		1	1	1
59	125-710	Screw		4	4	4
60	MC14-46	Spring		1	1	1
61	180-104	Lock Washer		2	2	2
62	125-658	Screw		2	2	2
63	I01-43-3	Spacer		0	1	1
64	CP03-59	Stud Pin	HV-3670~	1	1	1
65	I23-54-3	Spacer	HV-3670~	1	1	1
66	4808-06022	Spreader	~ HV-3731	0	0	1
67	4808-06056	Spreader	HV-3732~	1	1	1
68	CP01-05	Block	Included in N2037-66	1	1	0
69	117-362	Screw	HV-3732~	2	2	0
70						

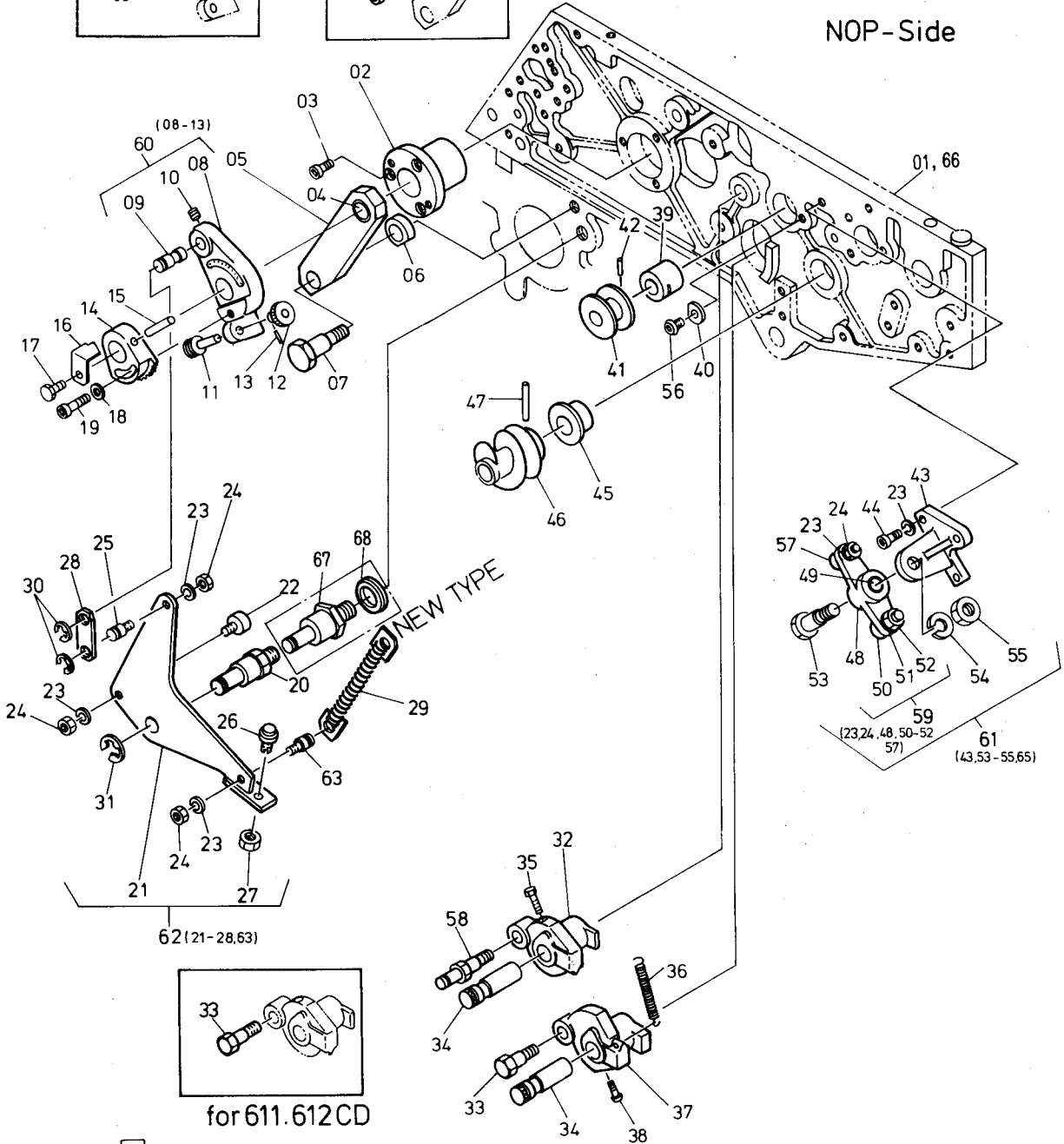
NEW TYPE
(HV-4700~)



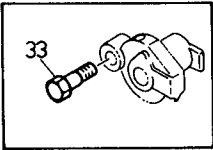
for 66I.662CD



NOP-Side



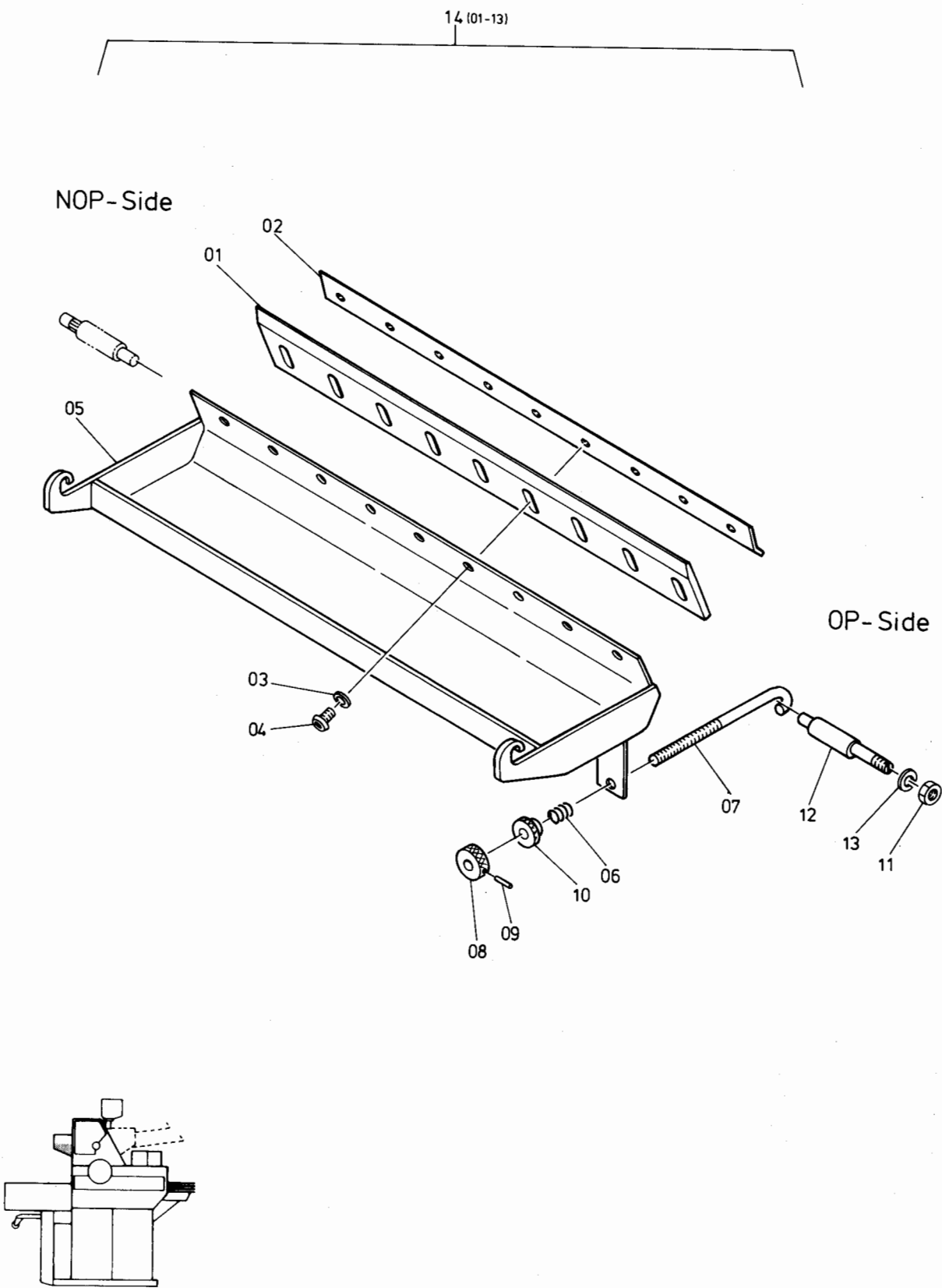
for 61I.612CD



Inking Section
Related Parts for NOP-Side Frame

N2037

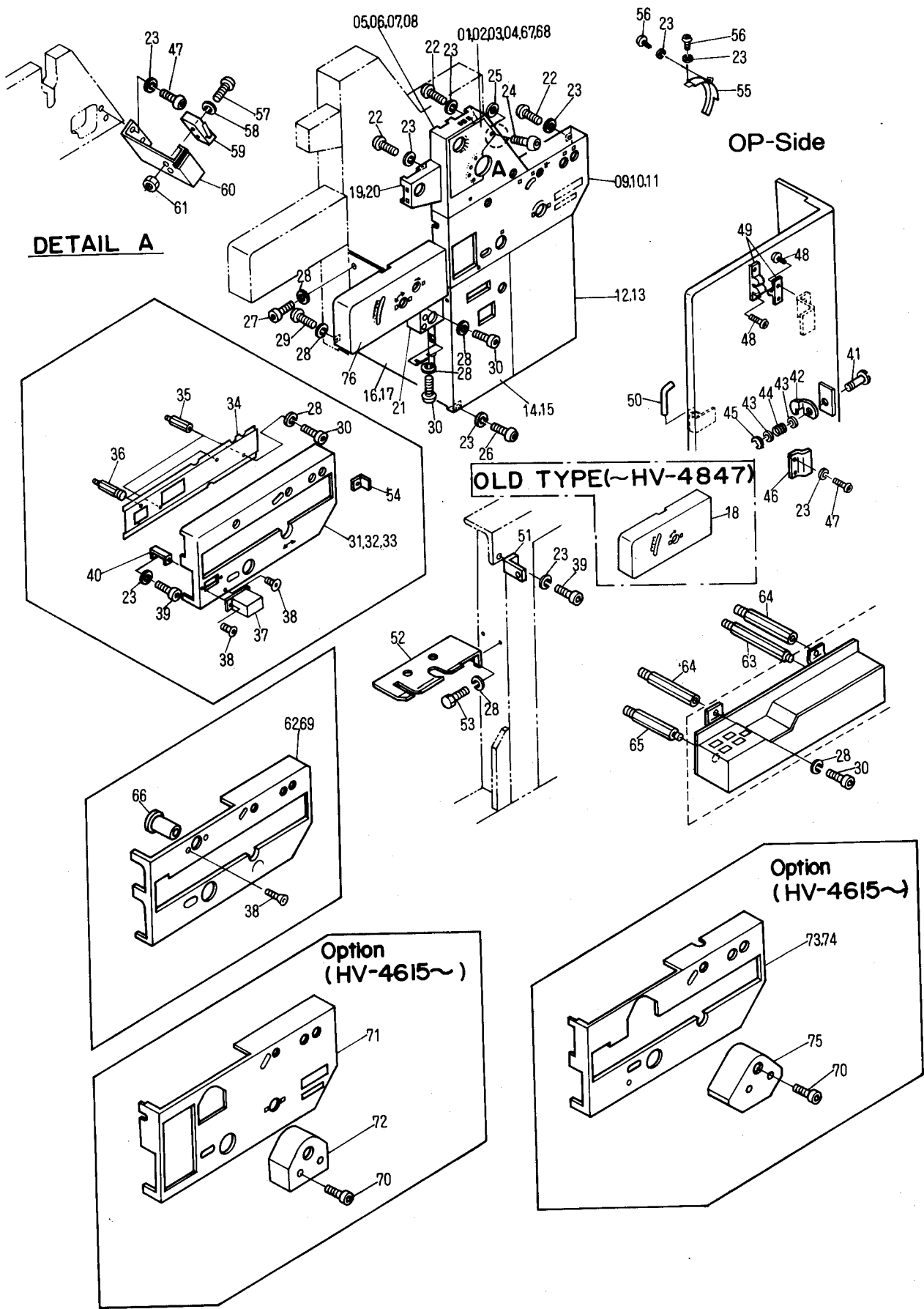
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP01-02A	Inking System Frame	~ HV-3731 NOP-S	1	1	0
02	CM04-08	Plate Cylinder Shaft Bushing		1	1	0
03	117-510	Screw		3	3	0
04	PC03-59	Bushing	Included in 05	1	1	1
05	CP03-24A	Tie Bar		1	1	1
06	PC03-44	Spacer		1	1	1
07	CP03-23	Shoulder Screw		1	1	1
08	MC11-01A	Lever		0	1	1
09	CPS-1020	Pin	~ HV-4699	0	1	1
10	145-358	Screw		0	1	1
11	M02-39-3	Adjustment Screw		0	1	1
12	M02-40-3	Adjustment Nut		0	1	1
13	183-140	Roll Pin		0	1	1
14	MC04-12	Adjustment Sector		0	1	1
15	182-190	Taper Pin		0	1	1
16	MC04-16	Scale Pointer		0	1	1
17	101-358	Screw		0	1	1
18	184-106	Flat Washer		0	1	1
19	117-375	Screw		0	1	1
20	CM11-08	Pivot Stud	XL: ~HV-4298 XLA: ~HV-3750	0	1	1
21	CM11-09A	Impression Lever		0	1	0
22	I02-52-1A-3	Impression Cam Follower		0	1	0
23	180-106	Lock Washer	Included 22, 57	5	7	4
24	170-106	Nut	Included 22, 57	1	4	1
25	CM11-01	Pin		0	1	0
26	M02-59-3	Adjustment Latch		0	1	0
27	I18-60-3	Nut		0	1	0
28	MC11-04	Impression Drive Link		0	1	1
29	CM11-04A	Spring		0	1	1
30	181-408	E-Ring		0	2	2
31	181-410	E-Ring		0	1	0
32	CP03-37	Upper Ink Form Roller Bracket		1	1	1
33	I03-25-3	Shoulder Screw		2	1	1
34	CP03-17	Adjustment Pilot Bushing		2	2	2
35	101-375	Screw		1	1	1
36	I03-30-3	Spring		1	1	1
37	CP03-46	Lower Ink Form Roller Bracket		1	1	1
38	125-720	Screw		1	1	1
39	CP03-14	Bushing for Oscillating Ink Distributor Roller		1	1	1
40	I23-18-3	Retaining Washer		1	1	1
41	I01-39-3	Ink Oscillating Distributor Roller Drive Collar		1	1	1
42	183-205	Roll Pin		1	1	1
43	CP03-19	Bracket		1	1	1
44	117-365	Screw		3	3	3
45	CP03-30	Spacer		1	1	1
46	PC03-27	Ink Oscillating Distributor Roller Drive Cam		1	1	1
47	183-211	Roll Pin		1	1	1
48	PC03-26A	Oscillating Drive Lever		1	1	1
49	243-625	Bushing	Included in 48	1	1	1
50	258-651.2	Cam Follower		1	1	1
51	180-108	Lock Washer		2	2	2
52	170-108	Nut		2	2	2
53	PC18-49	Shoulder Screw		1	1	1
54	180-110	Lock Washer		1	1	1
55	170-110	Nut		1	1	1
56	125-708	Screw		1	1	1
57	I02-52-1A-3	Cam Follower	Included in 48	1	1	1
58	CP03-48	Shoulder Screw		0	1	1
59	PC03-26B	Oscillating Drive Lever Assy		1	1	1
60	MC11-01B	Lever Assy		1	1	1
61	CP03-19A	Oscillating Drive Lever Bracket Assy		0	1	1
62	CM11-09B	Impression Lever Assy	(21 ~ 28, 63)	0	1	0
63	CM11-20	Pin		0	1	1
64	M03-13-3	Washer		1	0	0
65	117-362	Screw		1	0	0
66	CP01-04A	Inking System Frame	HV-3732 ~	1	1	0
67	CM11-42	Pivot Stud	XL: HV-4299 ~ XLA: HV-3751 ~	0	1	1
68	CM11-43	Lock Washer	XL: HV-4299 ~ XLA: HV-3751 ~	0	1	1
69	CM11-44	Pin	HV-4700 ~	0	1	1
70	CM11-45	Spacer	HV-4700 ~	0	1	1



**Inking Section
Clean-up Attachment**

N2038

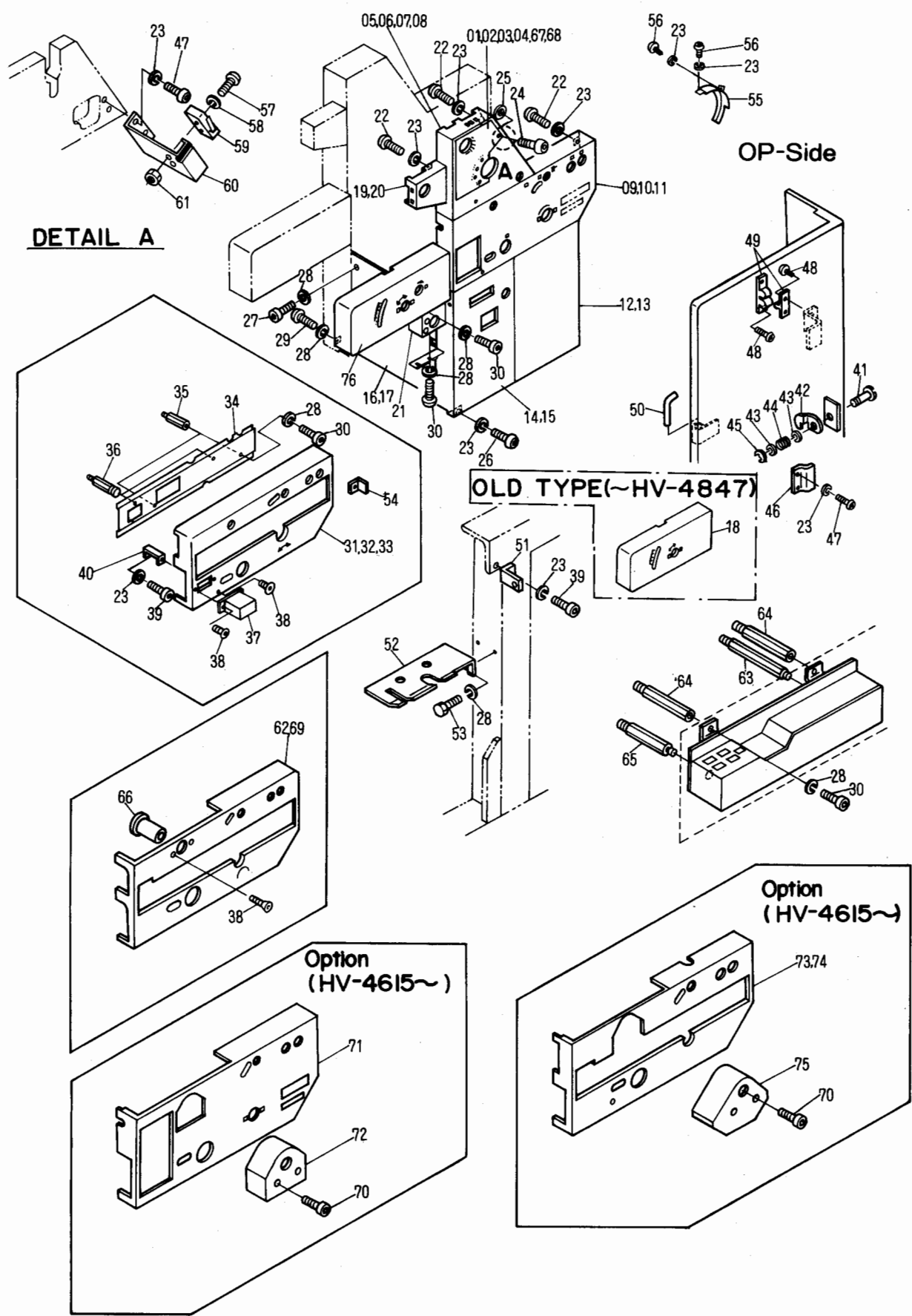
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP07-02	Clean-up Attachment Blade		1	1	1
02	PC07-03	Blade Retainer		1	1	1
03	180-105	Lock Washer		9	9	9
04	125-715	Screw		9	9	9
05	CP07-01	Tray Hanger		1	1	1
06	I06-23-3	Spring		2	2	2
07	I29-31-3	Mounting Link		2	2	2
08	I29-14-3	Knob		2	2	2
09	185-154	Roll Pin		2	2	2
10	I29-32-3	Thumb Nut		2	2	2
11	170-106	Nut		1	1	1
12	CP07-04	Eccentric Pin	NOP-S	1	1	1
13	180-106	Lock Washer		1	1	1
14	CP07-01A	Clean-up Attachment Assy		1	1	1
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Cover

N2039

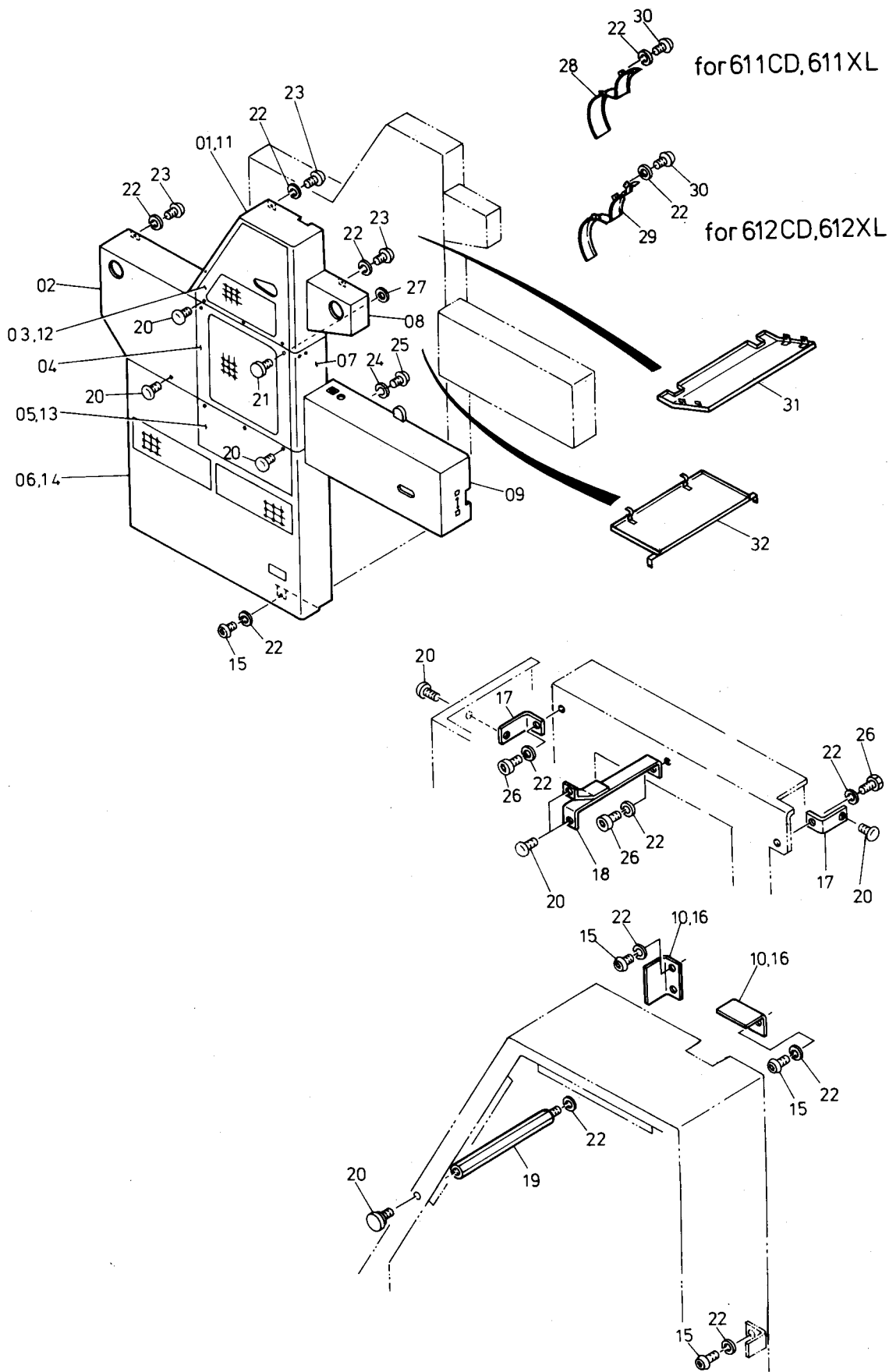
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK12-05	Cover Panel	For 612CD	1	0	0
02	CK12-06	Cover Panel	For 612XL	0	1	0
03	CK12-07	Cover Panel	For 611CD	1	0	0
04	CK12-08	Cover Panel	For 611XL	0	1	0
05	CK12-46A	Dampening System Cover Panel ~ HV-4297	For 612CD	1	0	0
06	CK12-47A	Dampening System Cover Panel	For 612XL	0	1	0
07	CK12-44A	Dampening System Cover Panel ~ HV-4211	For 611CD	1	0	0
08	CK12-45A	Dampening System Cover Panel	For 611XL	0	1	0
09	CK12-42	Printing Head Cover Panel	HV-2001 ~ HV-2114	1	0	0
10	CK12-70	Printing Head Cover Panel	HV-2115 ~ HV-2229	1	0	0
11	CK12-75	Printing Head Cover Panel	HV-2230 ~	1	0	0
12	CK12-09	Head Base Access Door		1	0	0
13	CK12-48	Head Base Access Door		0	1	0
14	CK12-10A	Base Cover Panel		1	0	0
15	CK12-21A	Base Cover Panel		0	1	0
16	CK12-17	Cover Panel		1	0	0
17	CK12-56	Cover Panel		0	1	1
18	CH10-01	Chain Delivery Cover		1	1	1
19	CK12-12	Ink System Cover		0	1	1
20	CK12-59	Ink System Cover		1	0	0
21	CH03-28	Cover		1	1	1
22	125-720	Screw		9	9	2
23	180-105	Lock Washer		21	21	19
24	CK12-27	Knob		1	1	1
25	CK12-57	Washer		1	1	1
26	125-715	Screw		2	2	0
27	117-362	Screw		4	4	4
28	180-106	Lock Washer		9	11	9
29	125-760	Screw		3	3	3
30	117-360	Screw		6	8	6
31	CK12-43	Printing Head Cover Panel	HV-2001 ~ HV-2059	0	1	0
32	CK12-60	Printing Head Cover Panel	HV-2060 ~ HV-2109	0	1	0
33	CK12-69	Printing Head Cover Panel	HV-2110 ~ HV-3997	0	1	0
34	CK12-61	Protector XL: HV-2060 ~ HV-3997, KLA: HV-2060 ~ HV-3986		0	1	1
35	CK12-62	Pin XL: HV-2060 ~ HV-3997, XLA: HV-2060 ~ HV-3986		0	2	2
36	CK12-63	Pin XL: HV-2060 ~ HV-3997, XLA: HV-2060 ~ HV-3986		0	2	2
37	CK12-32	Printer Cover	HV-2001 ~ HV-3997	0	1	0
38	CK12-29	Screw		2	4	2
39	117-510	Screw		1	1	1
40	CK12-24	Bracket		1	1	1
41	KC12-46	Pin		1	1	1
42	KC12-45	Hook		1	1	1
43	184-106	Flat Washer		2	2	2
44	H37-52-3	Spring		1	1	1
45	181-404	E-Ring		1	1	1
46	KC12-47	Bracket		1	1	1
47	125-710	Screw		6	6	6
48	122-056	Screw		4	4	4
49	B52-56-3	Ball Catch		2	2	2
50	KC12-31	Hinge Pin		2	2	2
51	CK12-22	Bracket		1	1	1
52	CK15-01	Tool Bracket	CD : OPTION	(1)	1	1
53	101-360	Screw		(2)	2	2
54	CK12-78	Cover Panel	HV-2735 ~	0	1	1
55	CM04-06	Gear Cover		1	1	0
56	125-708	Screw		2	2	0
57	125-615	Screw		2	2	0
58	180-103	Lock Washer		2	2	0
59	E10-30-3	Limit Switch		1	1	0
60	CK18-11	Limit Switch Bracket		1	1	0
61	170-103	Nut		2	2	0
62	CK12-79	Printing Head Cover Panel HV-3998 ~	for XL	0	1	0
63	CK12-84	Stud XL: HV-3998 ~, XLA: HV-3986 ~	for XL, XLA	0	2	1
64	CK12-82	Stud XL: HV-3998 ~, XLA: HV-3986 ~	for XL, XLA	0	2	2
65	4808-12050	Stud HV-3986 ~	for XLA	0	0	1
66	CK12-83	Cover XL: HV-3998 ~, XLA: HV-3986 ~	for XL, XLA	0	1	1
67	CK12-85A	Dampening System Cover Panel HV-4302 ~	for 611CD	1	0	0
68	CK12-86A	Dampening System Cover Panel HV-4301 ~	for 612CD	1	0	0
69	4808-12048	Printing Head Cover Panel HV-3986 ~	for XLA	0	0	1
70	117-530	Screw		2	2	2



Cover

N2039

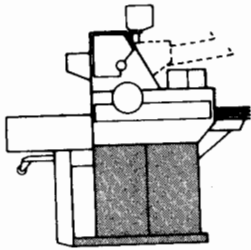
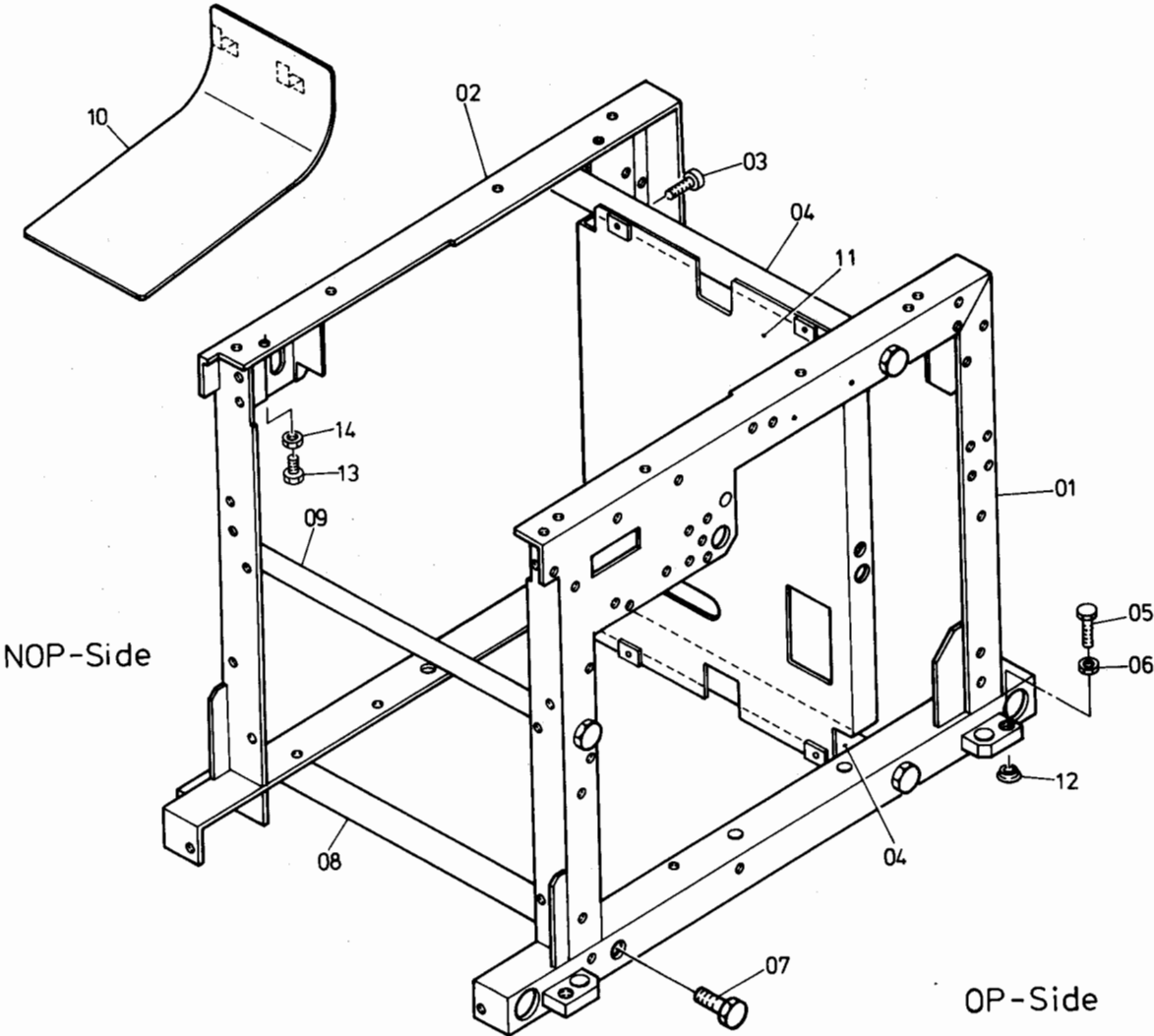
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Cover

N2040

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK12-40	Cover Plate		1	0	0
02	CK12-37	Printing Head Cover Plate		1	1	1
03	CK12-50	Cover Plate		1	0	0
04	CK12-52	Cover Plate		1	1	0
05	CK12-53	Cover Plate		1	0	0
06	CK12-15	Frame Cover Plate		1	0	0
07	CK12-55	Belt Cover		1	1	1
08	CK12-13	Ink System Cover		1	1	1
09	CH10-02	Chain Delivery Cover		1	1	1
10	CK12-74	Cover Plate		2	0	0
11	CK12-41	Cover Plate		0	1	0
12	CK12-51	Cover Plate		0	1	1
13	CK12-54	Cover Plate		0	1	1
14	CK12-49	Frame Cover Plate		0	1	1
15	125-710	Screw		7	7	7
16	CK12-73	Cover Plate		0	2	2
17	CK12-22	Bracket		2	2	2
18	CK12-23	Bracket		1	1	1
19	CK12-58	Pin		1	1	1
20	CK12-29	Screw		11	11	11
21	CK12-27	Thumb Screw		2	2	2
22	180-105	Lock Washer		21	21	19
23	125-720	Screw		7	7	4
24	180-106	Lock Washer		3	3	3
25	125-760	Screw		3	3	3
26	117-510	Screw		3	3	3
27	CK12-57	Washer		2	2	2
28	CM04-04	Gear Cover		1	1	0
29	CM04-03	Gear Cover		1	1	0
30	125-708	Screw		3	3	0
31	CP07-05	Cover		1	1	1
32	CP07-06	Cover		1	1	1
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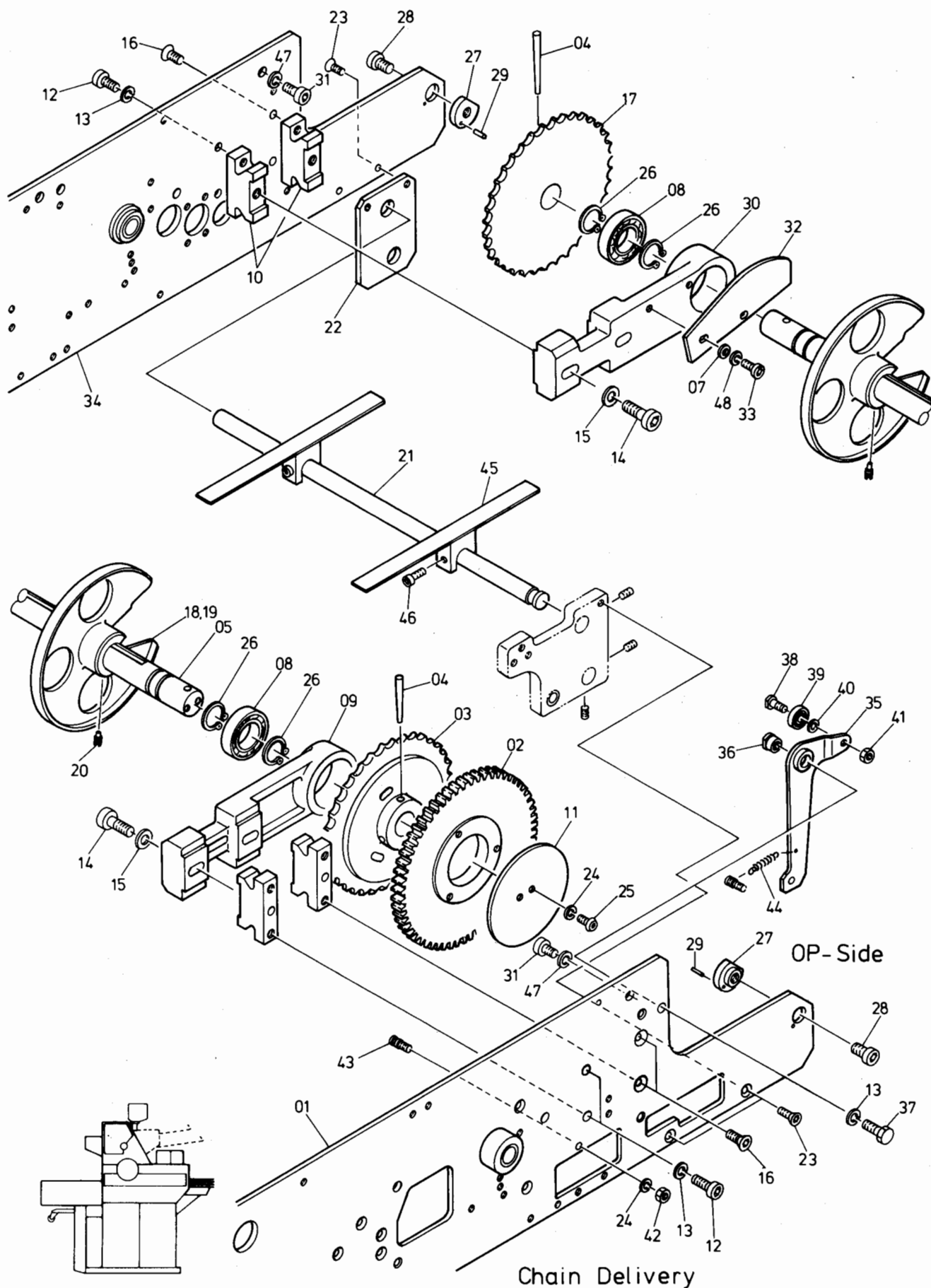


Related Parts for Angle Frame

N2041

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK01-01	Base Side Frame	OP-S	1	1	1
02	CK01-10	Base Side Frame	NOP-S	1	1	1
03	117-381	Screw		4	4	4
04	CK01-06	Base Front Spreader		2	2	2
05	KC01-07	Levelling Screw		4	4	4
06	170-110	Nut		4	4	4
07	B01-18-3	Screw		8	8	8
08	CK01-07	Base Spreader		1	1	1
09	CM05-06	Base Spreader		1	1	1
10	CK03-33	Double Sheet Reveiving Tray		1	1	1
11	CK01-05	Base Front Panel		1	1	1
12	B01-45-3	Foot Pad		4	4	4
13	KC01-07	Screw		4	4	4
14	170-110	Nut		4	4	4
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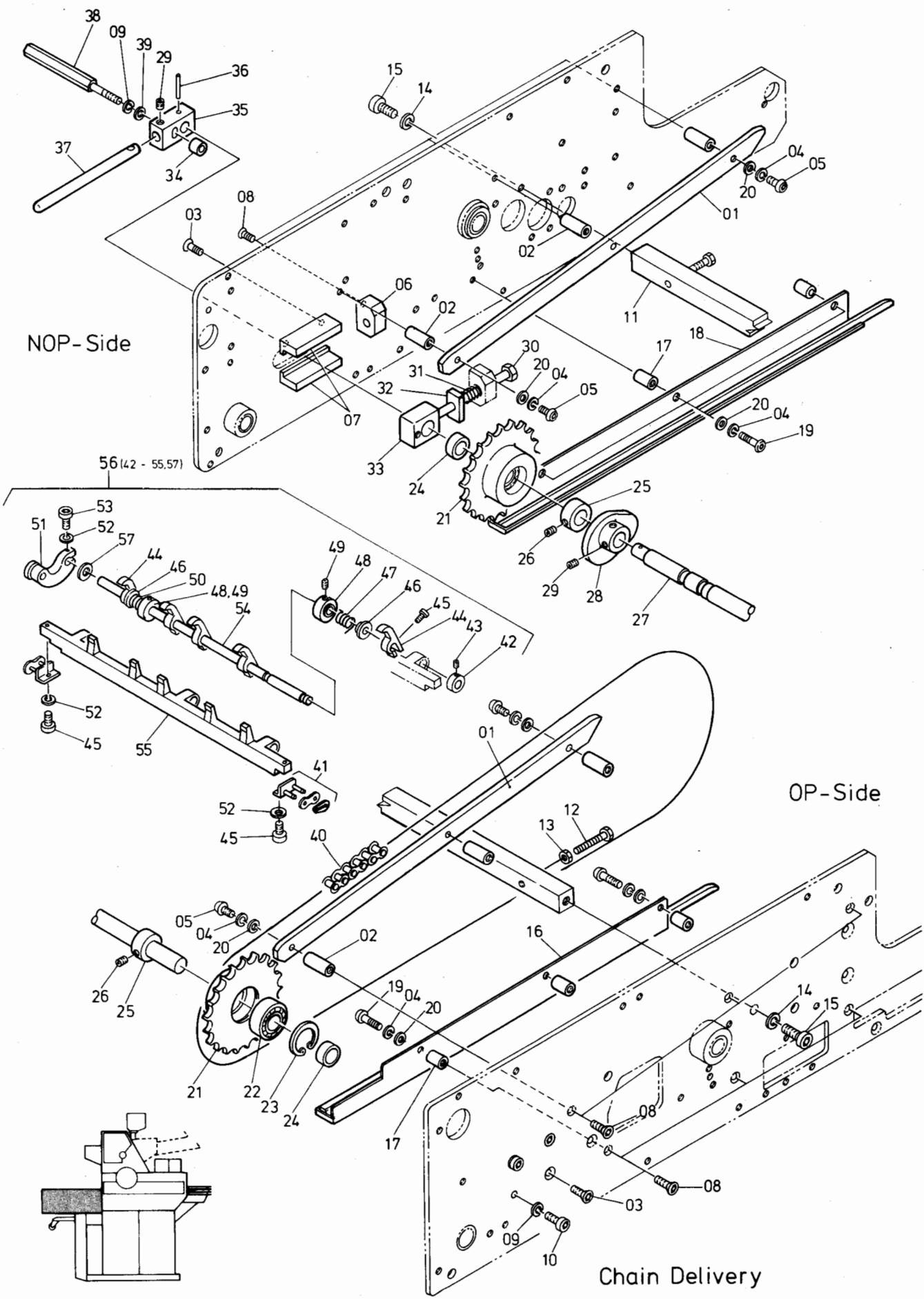
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Chain Delivery Section
Delivery Drive Mechanism and Paper Guide

N2042

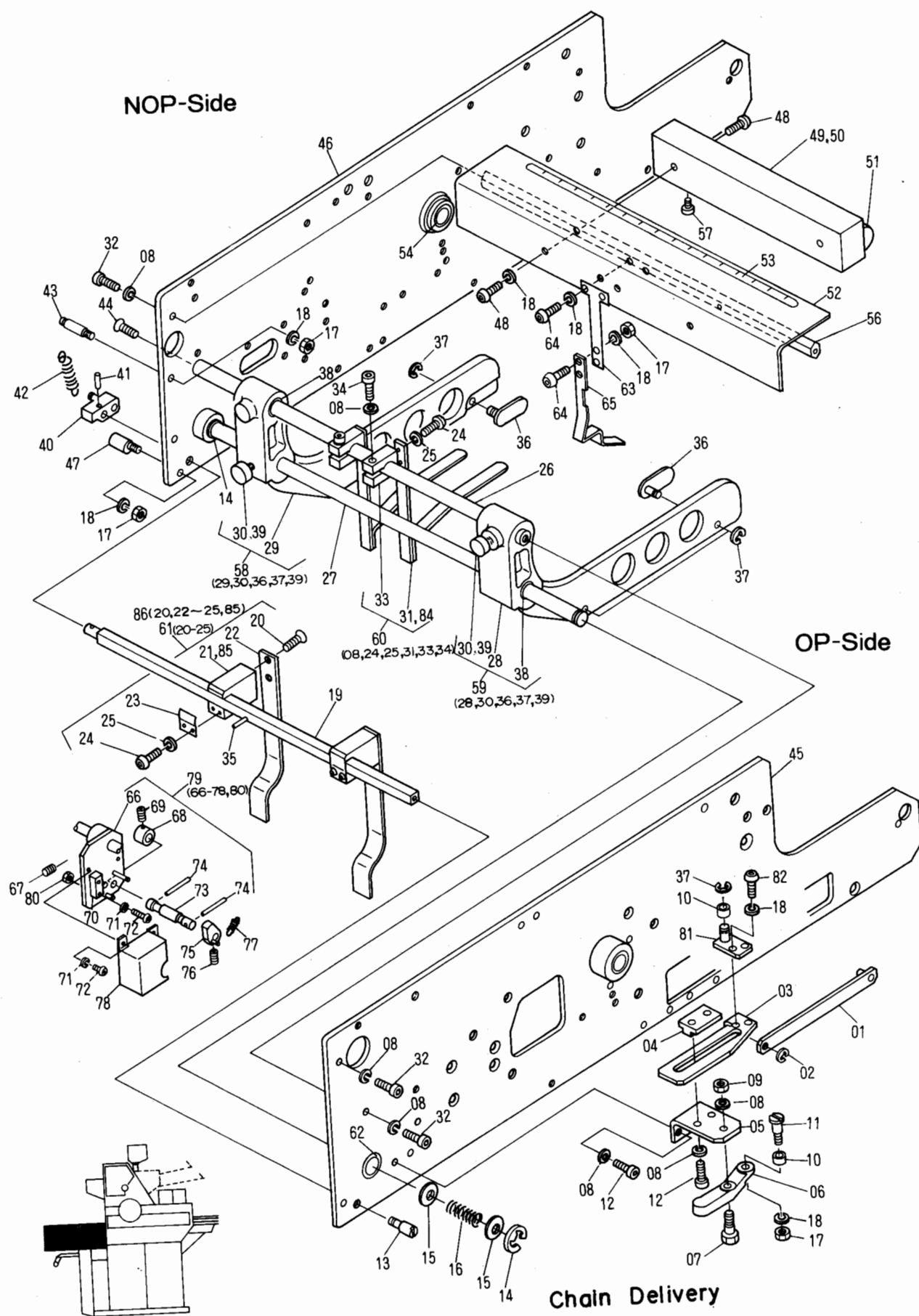
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CH01-10A	Delivery Frame	OP-S	1	1	1
02	CH02-02	Delivery Drive Gear	OP-S	1	1	1
03	CH02-01	Drive Sprocket	OP-S	1	1	1
04	182-193	Taper Pin		2	2	2
05	CH02-04	Drive Shaft		1	1	1
06	117-375	Screw		3	3	3
07	184-106	Flat Washer		3	3	3
08	250-005.6	Bearing	Included in 09, 30	2	2	2
09	CH02-05A	Drive Shaft Bracket	OP-S	1	1	1
10	CH02-12	Drive Shaft Bracket Support		4	4	4
11	CH02-16	Guide Jogger Activating Cam		1	1	1
12	117-468	Screw		4	4	4
13	180-108	Lock Washer		5	5	5
14	117-573	Screw		2	2	2
15	184-110	Flat Washer		4	4	4
16	122-765	Screw		4	4	4
17	CH02-03	Drive Sprocket		1	1	1
18	HC02-58A	Paper Guide Wheel		2	2	2
19	HC02-59	Guide Wheel Tape	Included in 18	2	2	2
20	140-362	Set Screw		2	2	2
21	CH03-31	Paper Guide Shaft		1	1	1
22	CH03-52	Bracket	NOP-S	1	1	1
23	122-165	Screw		4	4	4
24	180-105	Lock Washer		2	2	2
25	125-712	Screw		2	2	2
26	181-025	C-Ring		4	4	4
27	CH01-14	Flange		2	2	2
28	117-565	Screw		2	2	2
29	183-200	Roll Pin		2	2	2
30	CH02-06A	Drive Shaft Bracket		1	1	1
31	117-560	Cap Screw		2	2	2
32	CH02-15	Delivery Gripper Receiving Cam		1	1	1
33	117-370	Screw		4	4	4
34	CH01-15A	Delivery Frame	NOP-S	1	1	1
35	CH03-38A	Drive Lever		1	1	1
36	CH03-40	Flange		1	1	1
37	101-466	Screw		1	1	1
38	CH03-41	Pin		1	1	1
39	250-126.6	Bearing		1	1	1
40	I31-09-3	Spacer		1	1	1
41	170-106.3	Nut		1	1	1
42	170-105	Nut		1	1	1
43	CH03-06	Pin		1	1	1
44	F27-36-3	Spring		1	1	1
45	CH02-20	Paper Guide		2	2	2
46	117-365	Screw		2	2	2
47	180-110	Lock Washer		2	2	2
48	180-106	Lock Washer		2	2	2
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**Chain Delivery Section
Gripper Bar and Chain Guide**

N2043

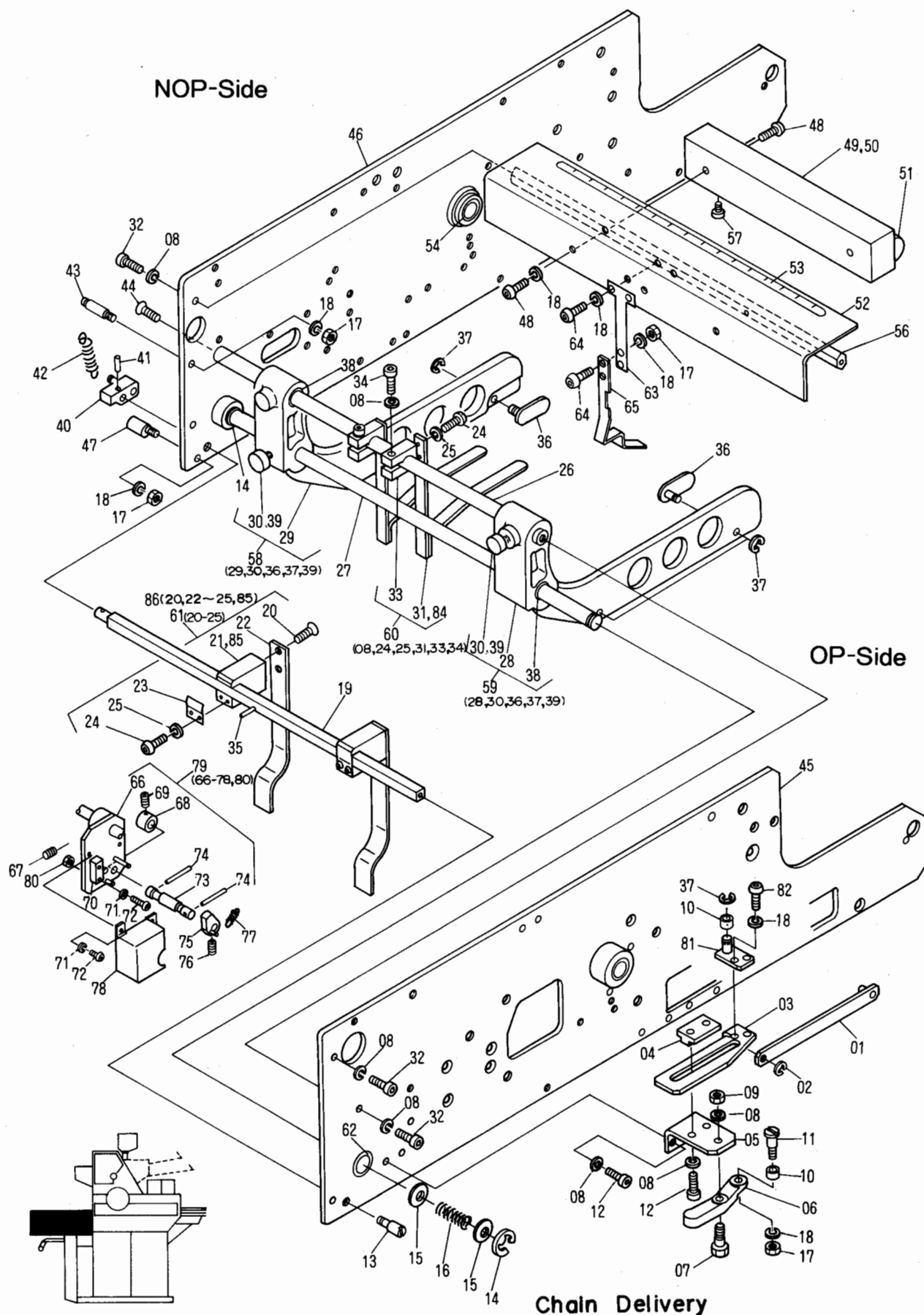
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CH01-07	Chain Guide Rail		2	2	2
02	CH01-09	Spacer		6	6	6
03	122-162	Screw		8	8	8
04	180-105	Lock Washer		12	12	12
05	125-712	Screw		6	6	6
06	HC02-27	Bracket		2	2	2
07	HC02-26	Slide Base		4	4	4
08	122-112	Screw		12	12	12
09	180-106	Lock Washer		3	3	3
10	117-365	Screw		2	2	2
11	CH01-03	Spreader		1	1	1
12	101-384.5	Screw		2	2	2
13	170-106	Nut		2	2	2
14	180-108	Lock Washer		2	2	2
15	117-475	Screw		2	2	2
16	CH01-05	Chain Guide Rail	OP-S	1	1	1
17	CH01-11	Spacer		6	6	6
18	CH01-06	Chain Guide Rail	NOP-S	1	1	1
19	125-725	Screw		6	6	6
20	184-105	Flat Washer		6	6	6
21	CH02-13	Delivery Driven Sprocket		2	2	2
22	250-202.7	Bearing	Included in 21	2	2	2
23	181-235	C-Ring	Included in 21	2	2	2
24	CH02-24	Spacer		2	2	2
25	PS-14	Collar		2	2	2
26	145-355	Set Screw		2	2	2
27	CH02-10	Driven Sprocket Shaft		1	1	1
28	CH02-07	Gripper Release Cam		1	1	1
29	145-358	Set Screw		3	3	3
30	A17-23-3	Breather Screw		2	2	2
31	A03-24-3	Breather Spring		2	2	2
32	HC02-36	Breather Adjustment Nut		2	2	2
33	CH02-23	Driven Sprocket Shaft Pilot Block		2	2	2
34	A23-07-3	Spacer		1	1	1
35	A23-08-3	Block		1	1	1
36	183-187	Roll Pin		1	1	1
37	CH02-21	Cam Control Lever		1	1	1
38	CH02-22	Screw		1	1	1
39	184-106	Flat Washer		1	1	1
40	HC02-34A	Delivery Chain Assy		2	2	2
41	A03-39-1A-3	Chain Joint Assy	Included in 40	6	6	6
42	A03-93-3	Collar		3	3	3
43	145-404	Set Screw		3	3	3
44	A03-46-3	Gripper Finger		15	15	15
45	117-412	Screw		21	21	21
46	HC02-32	Spring Retainer		6	6	6
47	CH02-26	Spring		3	3	3
48	HC02-33	Lock Collar		6	6	6
49	145-506	Set Screw		6	6	6
50	CH02-25	Spring		3	3	3
51	HC02-15A	Gripper Operating Lever		3	3	3
52	A03-94-3	Lock Washer		9	9	9
53	117-415	Screw		3	3	3
54	CH02-09	Gripper Shaft		3	3	3
55	CH02-18B	Gripper Bar		3	3	3
56	CH02-18A	Gripper Bar Assy	(42 ~ 55, 57)	3	3	3
57	184-104	Flat Washer		6	6	6
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**Chain Delivery Section
Front Guide and Delivery Pile Guide**

N2044

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CH03-10A	Drive Lever		1	1	1
02	181-405	E-Ring		1	1	1
03	CH03-35A	Cam		1	1	1
04	CH03-37	Guide Block		1	1	1
05	CH03-36	Bracket		1	1	1
06	CH03-03	Delivery Guide Operating Lever		1	1	1
07	X02-41-3	Shoulder Screw		1	1	1
08	180-106	Lock Washer		10	10	10
09	170-106	Nut		1	1	1
10	PO-25	Guide Roller		2	2	2
11	153-06-3	Shoulder Screw		1	1	1
12	117-362	Screw		4	4	4
13	A14-02-3	Stud		1	1	1
14	181-410	E-Ring		2	2	2
15	A04-51-3	Washer		2	2	2
16	A18-52-3	Spring		1	1	1
17	170-105	Nut		5	5	5
18	180-105	Lock Washer		13	13	13
19	CH03-18A	Front Guide Cross Bar		1	1	1
20	122-108	Screw		4	4	4
21	CH03-20	Front Guide Bracket		2	2	2
22	CH03-48	Front Guide		2	2	2
23	CH03-30	Front Guide Bracket Mounting Plate		2	2	2
24	125-658	Screw		8	8	8
25	180-104	Lock Washer		8	8	8
26	CH01-04	Delivery Frame Outer Spreader		1	1	1
27	CH01-08	Delivery Jogger Shaft		1	1	1
28	CH03-50A	Delivery Pile Guide	OP-S	1	1	1
29	CH03-49A	Delivery Pile Guide	NOP-S	1	1	1
30	A04-63-3	Thumb Screw		2	2	2
31	CH02-19	Paper Stopper		2	2	2
32	117-365	Screw		3	3	3
33	HC02-60	Stripper Bracket		2	2	2
34	117-370	Screw		2	2	2
35	183-209	Roll Pin	Included in 19	1	1	1
36	DJ-60-1A	Guide Piece		4	4	4
37	181-406	E-Ring		5	5	5
38	243-624	Bushing	Included in 28, 29	4	4	4
39	A04-80-3	Pad		2	2	2
40	CH03-19A	Front Guide Shaft Lever		1	1	1
41	183-182	Roll Pin		1	1	1
42	A14-09-3	Spring		1	1	1
43	H30-15-3	Pin		1	1	1
44	122-165	Screw		1	1	1
45	CH01-01A	Delivery Frame	OP-S	1	1	1
46	CH01-15A	Delivery Frame	NOP-S	1	1	1
47	H07-30-3	Eccentric Pin		1	1	1
48	125-706	Screw		4	4	4
49	E24-09-3	Fluorescent Work Light Holder	For 60Hz	1	1	1
50	E24-10-3	Fluorescent Work Light Holder	For 50Hz	1	1	1
51	E24-02-01-3	Fluorescent Work Light		1	1	1
52	CK18-01A	Fluorescent Work Light Cover		1	1	1
53	HC01-24	Scale		1	1	1
54	A01-09-3	Bushing	Included in 46	1	1	1
55	HC02-42	Bushing	Included in 45	1	1	1
56	CH01-10	Delivery Frame Spreader		1	1	1
57	E24-14-3	Glow Lamp		1	1	1
58	CH03-49B	Delivery Pile Guide Assy	(29, 30, 36 ~ 38) NOP-S	1	1	1
59	CH03-50B	Delivery Pile Guide Assy	(28, 30, 36 ~ 38) OP-S	1	1	1
60	CH02-19A	Paper Stopper Assy	(08, 24, 25, 31, 33, 34)	2	2	2
61	CH03-20A	Front Guide Assy	(20 ~ 25)	2	2	2
62	A01-11-3	Bushing	Included in 45, 46	2	2	2
63	CH03-58	Holding Finger Bracket		1	1	1
64	125-708	Screw		4	4	4
65	CH03-57	Holding Finger		1	1	1
66	EA21-06A	Bracket	Optional for 611, 612CD	(1)	1	1
67	145-356	Set Screw	Optional for 611, 612CD	(1)	1	1
68	185-0816.01	Collar	Optional for 611, 612CD	(1)	1	1
69	145-506	Screw	Optional for 611, 612CD	(1)	1	1
70	E10-38-3	Microswitch	Optional for 611, 612CD	(1)	1	1

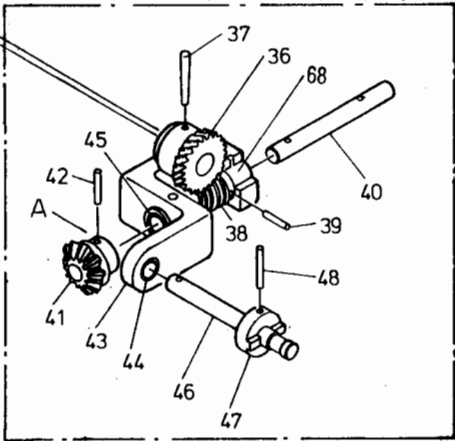


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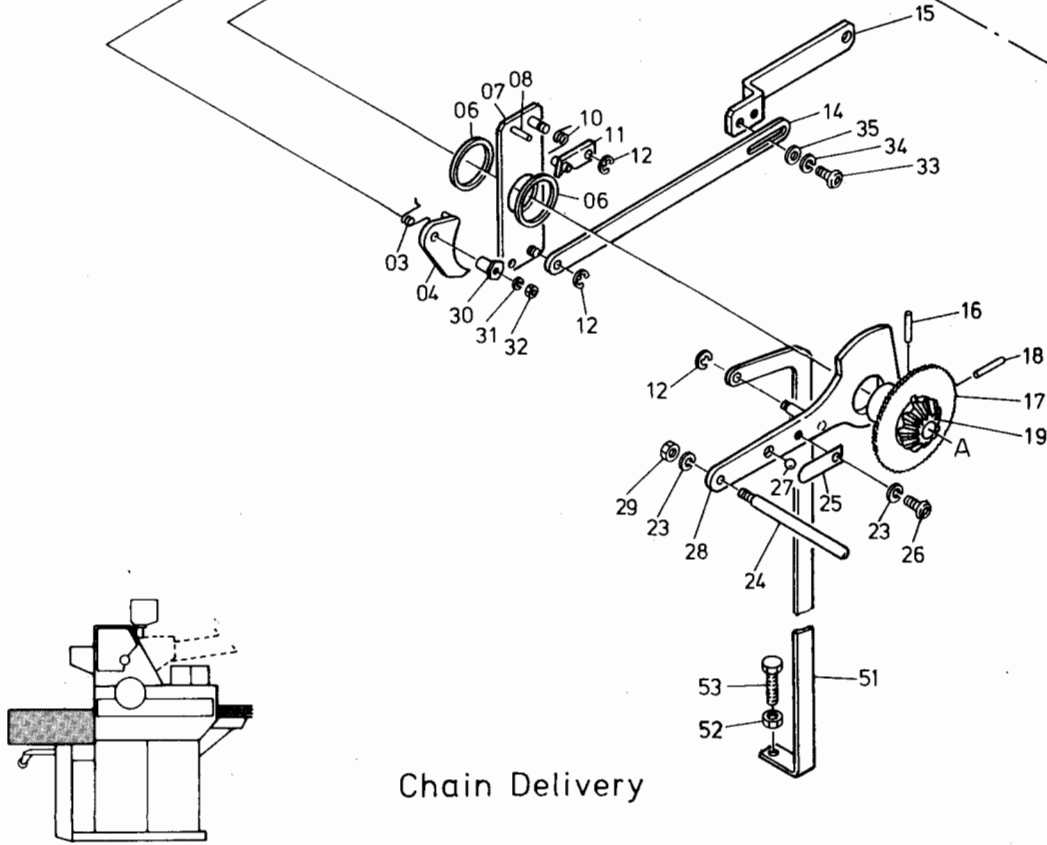
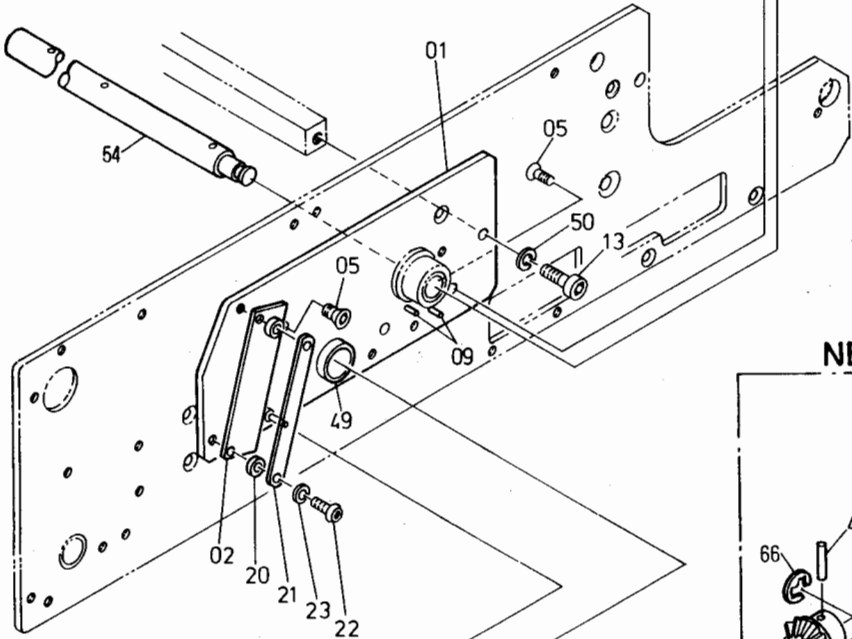
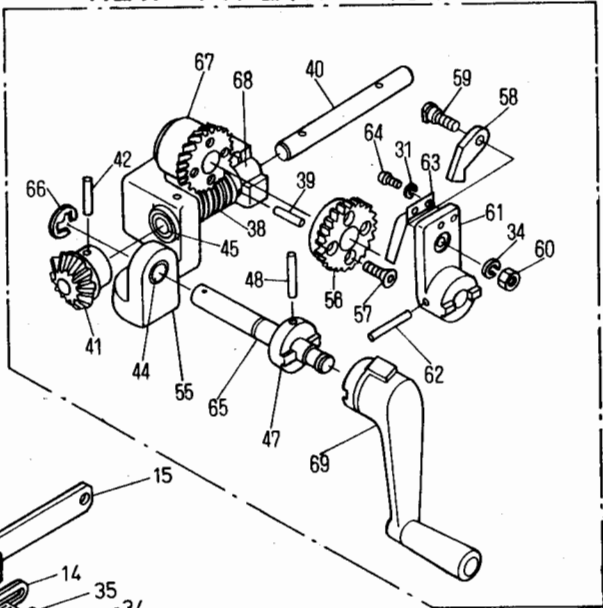
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OP-Side

OLD TYPE (~HV-4847)



NEW TYPE (HV-4848 ~)

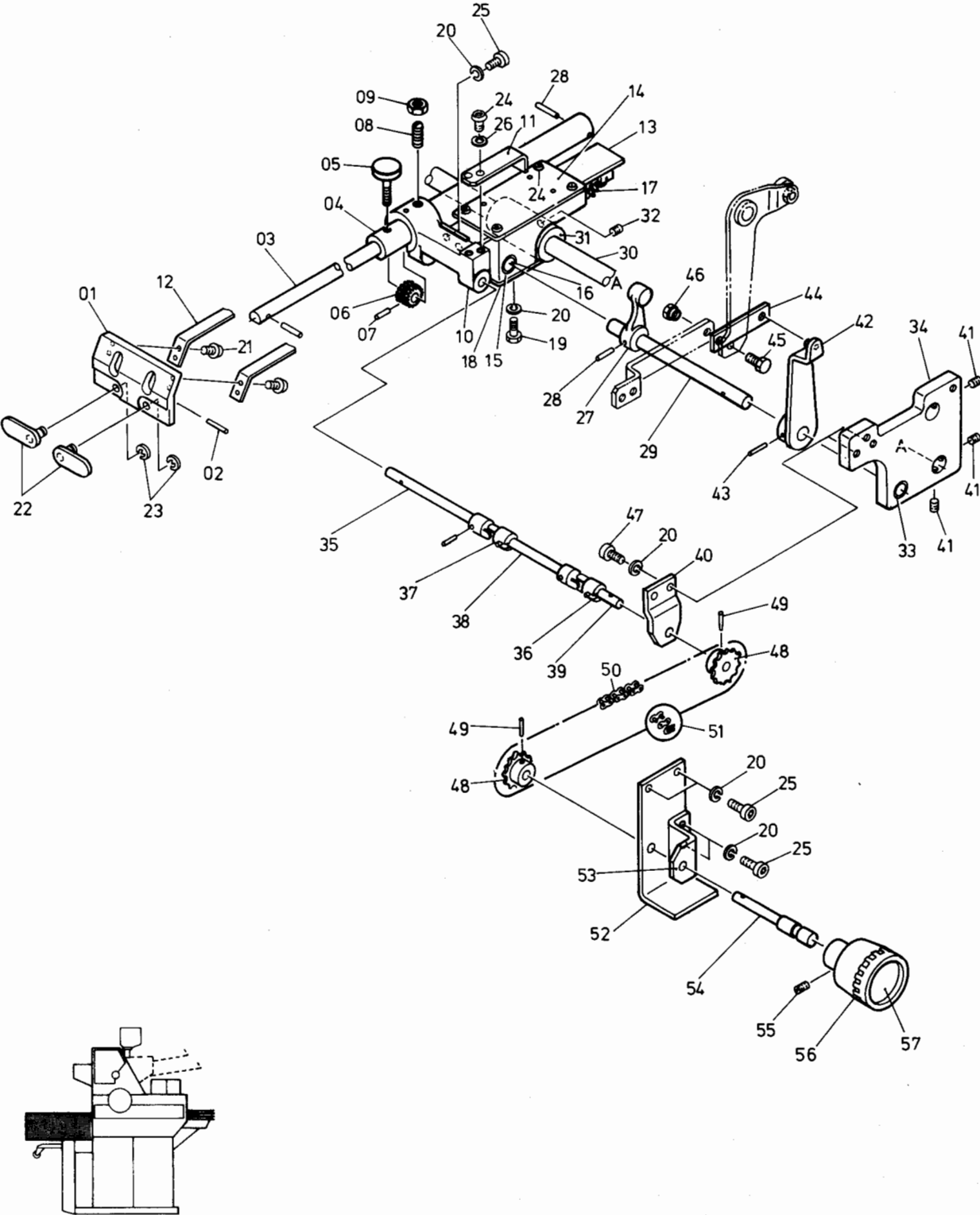


Chain Delivery

Chain Delivery Section
Related Parts for Delivery Pile Ratchet Plate

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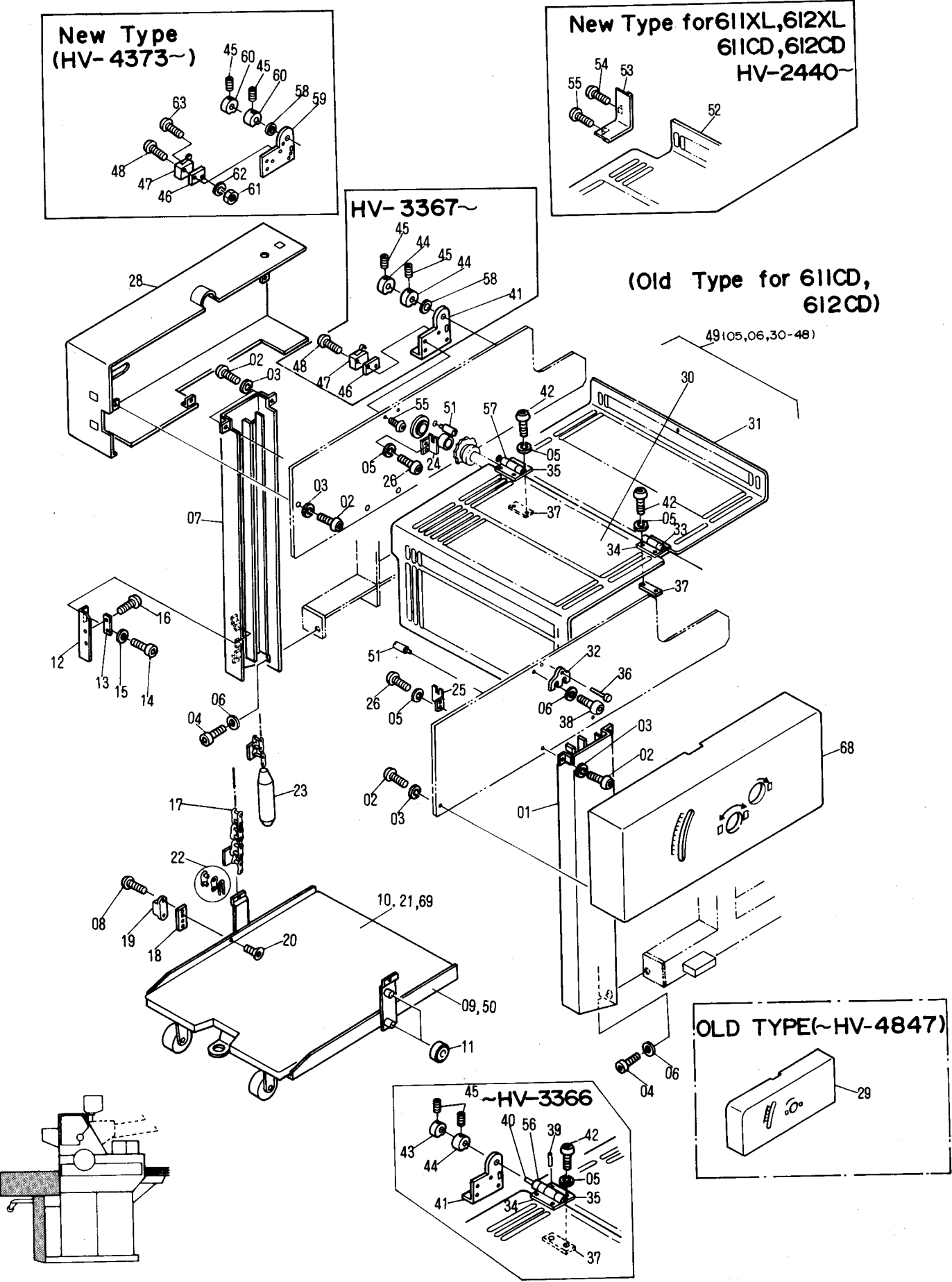
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	A16-01-01-3	Delivery Pile Ratchet Plate		1	1	1
02	A02-38-3	Ratchet Control Lever Snubber Plate		1	1	1
03	A02-85-3	Detent Pawl Spring		1	1	1
04	A02-79-1A-3	Detent Pawl		1	1	1
05	122-765	Screw		3	3	3
06	A02-27-3	Spacer		2	2	2
07	A02-18-1A-3	Drive Pawl Bracket		1	1	1
08	183-185	Roll Pin		1	1	1
09	183-200	Roll Pin		2	2	2
10	A02-26-3	Drive Pawl Spring		1	1	1
11	A02-24-1A-3	Drive Pawl		1	1	1
12	181-405	E-Ring		3	3	3
13	117-475	Screw		1	1	1
14	CH03-01	Ratchet Drive Link		1	1	1
15	CH03-11	Drive Link		1	1	1
16	183-179	Roll Pin		1	1	1
17	A02-17-3	Ratchet Wheel		1	1	1
18	183-206	Roll Pin		1	1	1
19	A02-14-3	Combination Ratchet/Bevel Gear		1	1	1
20	A02-42-3	Spacer		2	2	2
21	A02-39-3	Ratchet Control Lever Retaining Link		1	1	1
22	125-718	Screw		2	2	2
23	180-105	Lock Washer		4	4	4
24	A02-31-01-3	Ratchet Control Lever Handle		1	1	1
25	A02-34-3	Snubber Spring		1	1	1
26	125-706	Screw		1	1	1
27	A02-37-3	Control Lever Snubber		1	1	1
28	A02-28-1A-3	Ratchet Control Lever		1	1	1
29	170-105	Nut		2	2	2
30	A02-80-3	Detent Pawl Eccentric Shoulder Bushing		1	1	1
31	180-104	Lock Washer		3	3	3
32	170-104	Nut		1	1	1
33	125-758	Screw		2	2	2
34	180-106	Lock Washer		3	3	3
35	184-106	Flat Washer		2	2	2
36	A02-51-3	Worm Gear ~ HV-4847		1	1	1
37	182-171	Taper Pin ~ HV-4847		1	1	1
38	H09-06-3	Worm		1	1	1
39	183-205	Roll Pin		1	1	1
40	A02-48-3	Worm Shaft		1	1	1
41	A02-46-3	Bevel Drive Gear		1	1	1
42	183-207	Roll Pin		1	1	1
43	A02-07-1A-3	Worm Bracket ~ HV-4847		1	1	1
44	A02-08-3	Bushing Included in 25		1	1	1
45	A02-10-3	Bushing Included in 25		1	1	1
46	A02-11-3	Crank Handle Shaft ~ HV-4847		1	1	1
47	A02-12-3	Crank Handle Coupling		1	1	1
48	183-209	Roll Pin		2	2	2
49	A02-05-3	Spacer		1	1	1
50	180-108	Lock Washer		1	1	1
51	CH05-08	Lever		1	1	1
52	170-105	Nut		1	1	1
53	101-530	Screw		1	1	1
54	CH02-29	Upper Pile Sprocket Shaft		1	1	1
55	EA02-01A	Worm Bracket		1	1	1
56	EA02-02	Ratchet Wheel		1	1	1
57	122-125	Pilot Screw		4	4	4
58	EA02-03	Drive Pawl		1	1	1
59	EA02-04	Shoulder Screw		1	1	1
60	170-106	Nut		1	1	1
61	EA02-05	Crank Handle Lever ~ HV-4848 ~		1	1	1
62	183-210	Roll Pin		1	1	1
63	EA02-06	Plate Tension Spring		1	1	1
64	125-656	Screw		2	2	2
65	EA02-07	Crank Handle Shaft		1	1	1
66	181-410	E-Ring		1	1	1
67	EA02-08	Worm Gear		1	1	1
68	A02-09-3	Oilless Included in 43, 55		2	2	2
69	KC06-20A	Crank Handle		1	1	1
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**Chain Delivery Section
Back Guide and Adjustment Shaft**

N2046

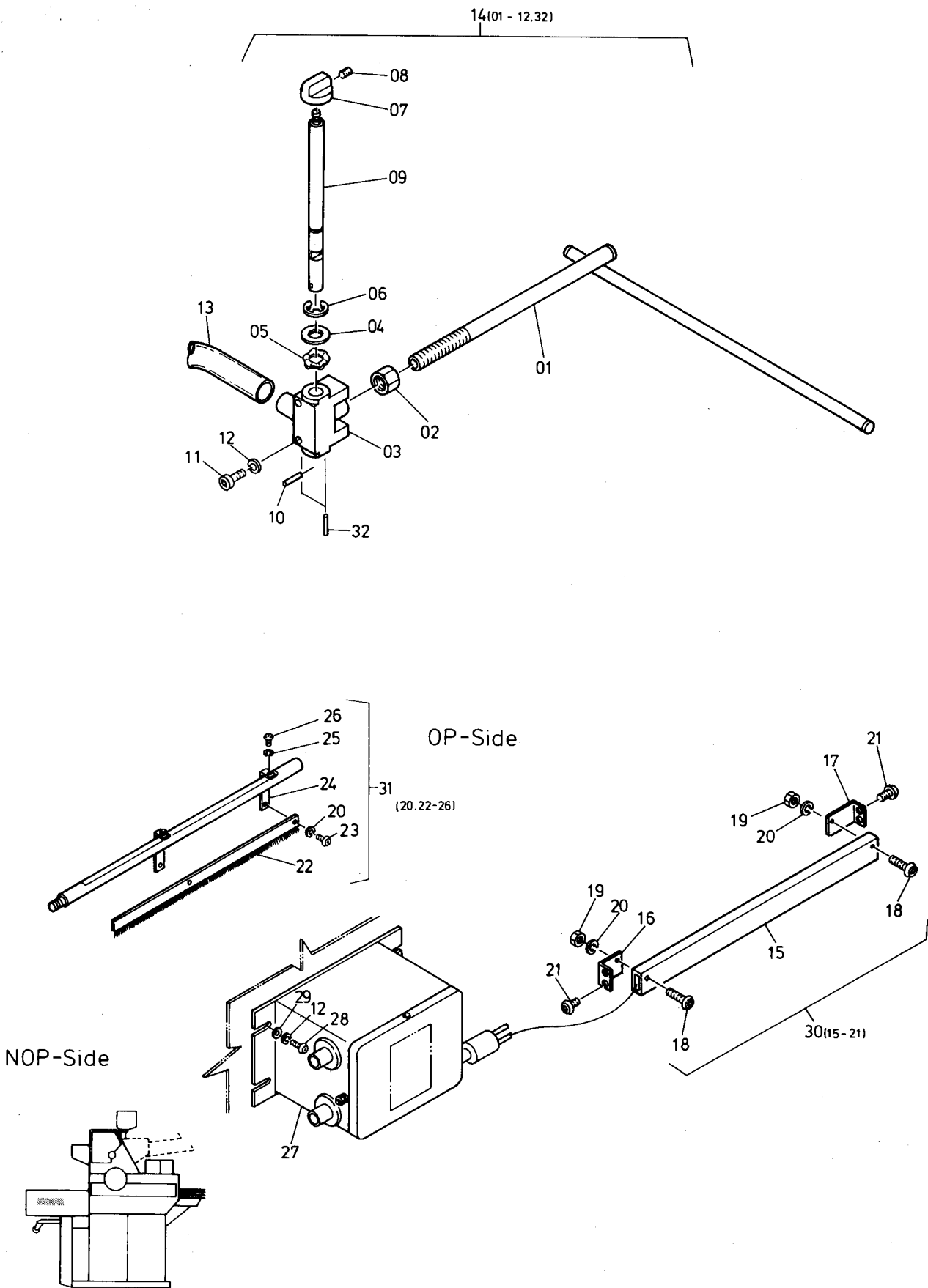
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CH03-55	Back Guide		1	1	1
02	183-186	Roll Pin		1	1	1
03	HC03-15	Back Guide Shaft		1	1	1
04	HC03-02	Rack		1	1	1
05	CH03-60	Thumb Screw		1	1	1
06	HC03-03	Pinion		1	1	1
07	183-182	Roll Pin		1	1	1
08	I18-59-1A-3	Snubber		1	1	1
09	170-108	Nut		1	1	1
10	CH03-53	Back Guide Slide Bracket		1	1	1
11	CH03-05	Guide Plate		1	1	1
12	CH03-56	Paper Guide		2	2	2
13	CH03-54	Back Guide Slider		1	1	1
14	A04-05-3	Back Guide Slide Cover		1	1	1
15	A04-01-0A-3	Back Guide Bracket		1	1	1
16	A03-31-3	Bushing	Included in 15	1	1	1
17	PW-45	Spring		1	1	1
18	A04-02-3	Mounting Plate		1	1	1
19	101-366	Screw		2	2	2
20	180-106	Lock Washer		14	14	14
21	125-656	Screw		4	4	4
22	DJ-60-1A	Guide Piece		2	2	2
23	181-406	E-Ring		2	2	2
24	125-710	Screw		6	6	6
25	117-362	Screw		6	6	6
26	180-105	Lock Washer		2	2	2
27	A04-22-3	Back Guide Arm		1	1	1
28	183-206	Roll Pin		2	2	2
29	CH03-32	Delivery Shaft		1	1	1
30	CH03-09	Back Jogger Shaft		1	1	1
31	CH03-02	Collar		1	1	1
32	145-356	Screw		1	1	1
33	243-617	Bushing	Included in 34	1	1	1
34	CH03-51A	Bracket		1	1	1
35	CH03-44	Pinion Shaft		1	1	1
36	A05-09-3	Universal Coupling		1	1	1
37	A19-56-3	Universal Coupling		1	1	1
38	A19-39-3	Connection Shaft		1	1	1
39	CH03-21	Connection Shaft		1	1	1
40	CH03-25	Bracket		1	1	1
41	145-360	Screw		3	3	3
42	CH03-42A	Back Guide Drive Lever		1	1	1
43	183-208	Roll Pin		1	1	1
44	CH03-13	Drive Link		1	1	1
45	CH03-16	Shoulder Screw		1	1	1
46	CH03-17	Nut		1	1	1
47	117-365	Screw		2	2	2
48	CH03-22	Sprocket		2	2	2
49	183-185	Roll Pin		2	2	2
50	CH03-23A	Chain		1	1	1
51	280-000.2	Chain Connecting Link	Included in 50	1	1	1
52	CH03-27	Bracket		1	1	1
53	CH03-26	Bracket		1	1	1
54	CH03-24	Back Jogger Handle Shaft		1	1	1
55	140-360	Set Screw		1	1	1
56	4810-22052D	Handle		1	1	1
57	HC03-09	Name Plate	Included in 56	1	1	1
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Chain Delivery Section
Delivery Cover and Delivery Tray

N2047

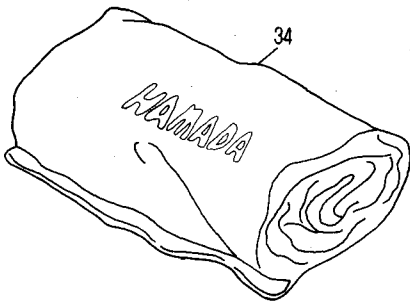
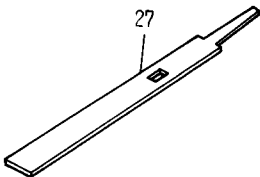
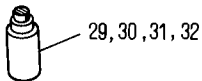
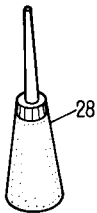
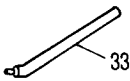
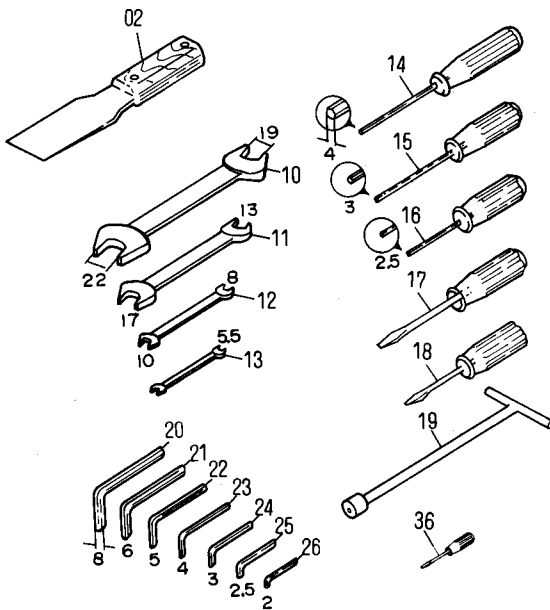
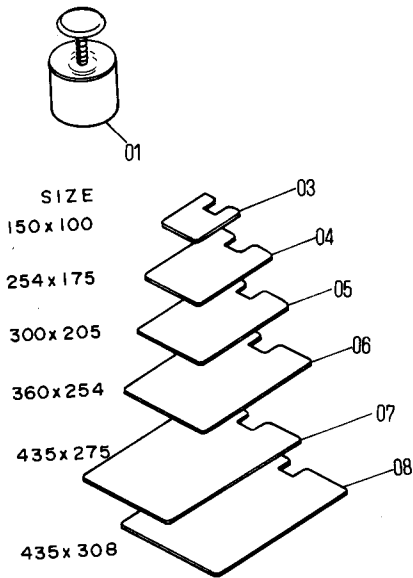
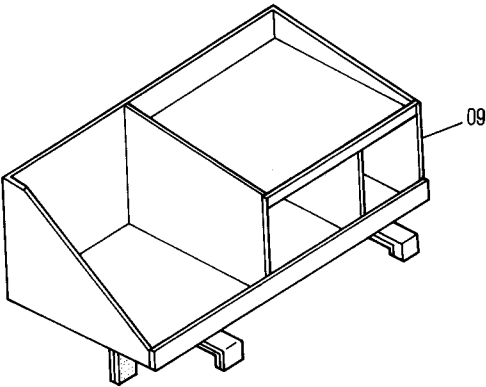
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CH05-01	Chain Delivery Cover Panel	OP-S	1	1	1
02	125-760	Screw		10	10	10
03	180-106	Lock Washer		6	6	6
04	117-510	Screw		6	6	6
05	180-105	Lock Washer		18	18	18
06	184-105	Flat Washer		6	4	6
07	CH05-02A	Chain Delivery Cover Panel	NOP-S	1	1	1
08	125-608	Screw		2	2	2
09	CH05-13A	Delivery Table	~HV-2120	1	1	0
10	CH05-10A	Delivery Tray	~HV-2120	1	1	0
11	H12-13-3	Delivery Table Guide Roller		4	4	4
12	HC05-14	Senser Bracket		1	1	1
13	E10-12-3	Senser		1	1	1
14	117-408	Screw		2	2	2
15	184-104	Flat Washer		8	8	8
16	125-612	Screw		2	2	2
17	CH05-05A	Chain		2	2	2
18	CH05-12	Magnet Bracket		1	1	1
19	E10-14-3	Magnet		1	1	1
20	122-306	Screw		2	2	2
21	CH05-14A	Delivery Tray	HV-2121 ~	1	1	1
22	280-005.2	Chain Connecting Link	Included in 17	2	2	2
23	H09-29-1A-3	Chain Weight		2	2	2
24	HC05-12	Chain Guard	NOP-S	1	1	1
25	HC05-13	Chain Guard	OP-S	1	1	1
26	125-706	Screw		4	4	4
27						
28	CH10-02	Chain Delivery Cover	NOP-S	1	1	1
29	CH10-01	Chain Delivery Cover	~ HV-4847	1	1	1
30	CH10-04	Delivery Shield, Hinged Panel		1	1	1
31	CH10-03	Delivery Shield, Hinged Panel		1	1	0
32	CK13-21	Hinge Bracket	OP-S	2	1	1
33	G09-08-3	Hinge		1	1	1
34	C09-07-3	Hinge		2	2	1
35	CK13-10	Hinge		1	1	0
36	G09-09-3	Hinge Pin		1	1	1
37	CK13-06	Nut		4	4	4
38	125-712	Screw		4	2	2
39	183-148	Roll Pin	Included in 35	1	1	0
40	CK13-07	Hinge Pin		1	1	0
41	CK13-13	Hinge Bracket	NOP-S	1	1	1
42	125-708	Screw		8	8	8
43	CK13-12	Microswitch Operating Cam		1	1	0
44	CK13-11	Microswitch Operating Cam		1	1	2
45	145-408	Set Screw		2	2	2
46	CK13-15	Safety Switch Base		1	1	1
47	E10-29-3	Microswitch		1	1	1
48	125-620	Screw		2	2	2
49	CH10-03A	Delivery Shield, Hinged Cover Assy	(05, 06, 30 ~ 48)	1	1	0
50	CH05-15A	Delivery Table	HV-2121 ~	1	1	1
51	H09-25-3	Chain Stop		2	2	2
52	CH10-05	Delivery Shield Hinged Panel		1	1	1
53	CH10-06	Cover		1	1	1
54	125-720	Screw		1	1	1
55	125-710	Screw		3	3	3
56	CK13-08	Hinge Pin		1	1	0
57	CK13-25B	Hinge Assy	HV-3367 ~	1	1	1
58	184-106	Flat Washer		1	1	1
59	CK13-27	Hinge Bracket		1	1	1
60	CK13-26	Micro Switch Operating Cam		1	1	1
61	170-103	Nut		1	1	1
62	180-103	Lock Washer		1	1	1
63	125-618	Screw		1	1	1
64						
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68	CH10-08	Chain Delivery Cover	HV-4848 ~	1	1	1
69	CH20-01A	Delivery Tray	HV-4776 ~	1	1	1
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Air Shower and Anti-Static Bar

N2048

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CH06-24	Air Shower Pipe		1	1	1
02	CH06-23	Nut		1	1	1
03	CH06-25A	Air Control Bracket		1	1	1
04	184-112	Flat Washer		1	1	1
05	180-182	Corrugated Washer		1	1	1
06	181-410	E-Ring		1	1	1
07	H13-14-3	Air Control Shaft Knob		1	1	1
08	145-410	Set Screw		1	1	1
09	CH06-15	Air Control Shaft		1	1	1
10	183-185	Roll Pin		1	1	1
11	117-534	Screw		2	2	2
12	180-105	Lock Washer		10	10	10
13	CH06-19	Hose		1	1	1
14	CH06-25B	Air Shower Assy (01 ~12)		1	1	1
15	E11-02-04-7	Anti-Static Bar		1	1	1
16	CH06-22	Bracket	NOP-S	1	1	1
17	CH06-21	Bracket	OP-S	1	1	1
18	125-675	Screw		2	2	2
19	170-104	Nut		2	2	2
20	180-104	Lock Washer		4	4	4
21	125-710	Screw		4	4	4
22	CK05-08	Anti-Static Bar		1	1	1
23	125-658	Screw		2	2	2
24	CK05-09	Bracket		2	2	2
25	180-106	Lock Washer		2	2	2
26	125-760	Screw		2	2	2
27	E11-01-05-3	Transformer		1	1	1
28	125-708	Screw		4	4	4
29	184-105	Flat Washer		4	4	4
30	CH06-12A	Anti-Static Bar Assy (15 ~21)		1	1	1
31	CK05-08A	Anti-Static Bar Assy (20, 22 ~26)		1	1	1
32	183-180	Roll Pin		2	2	2
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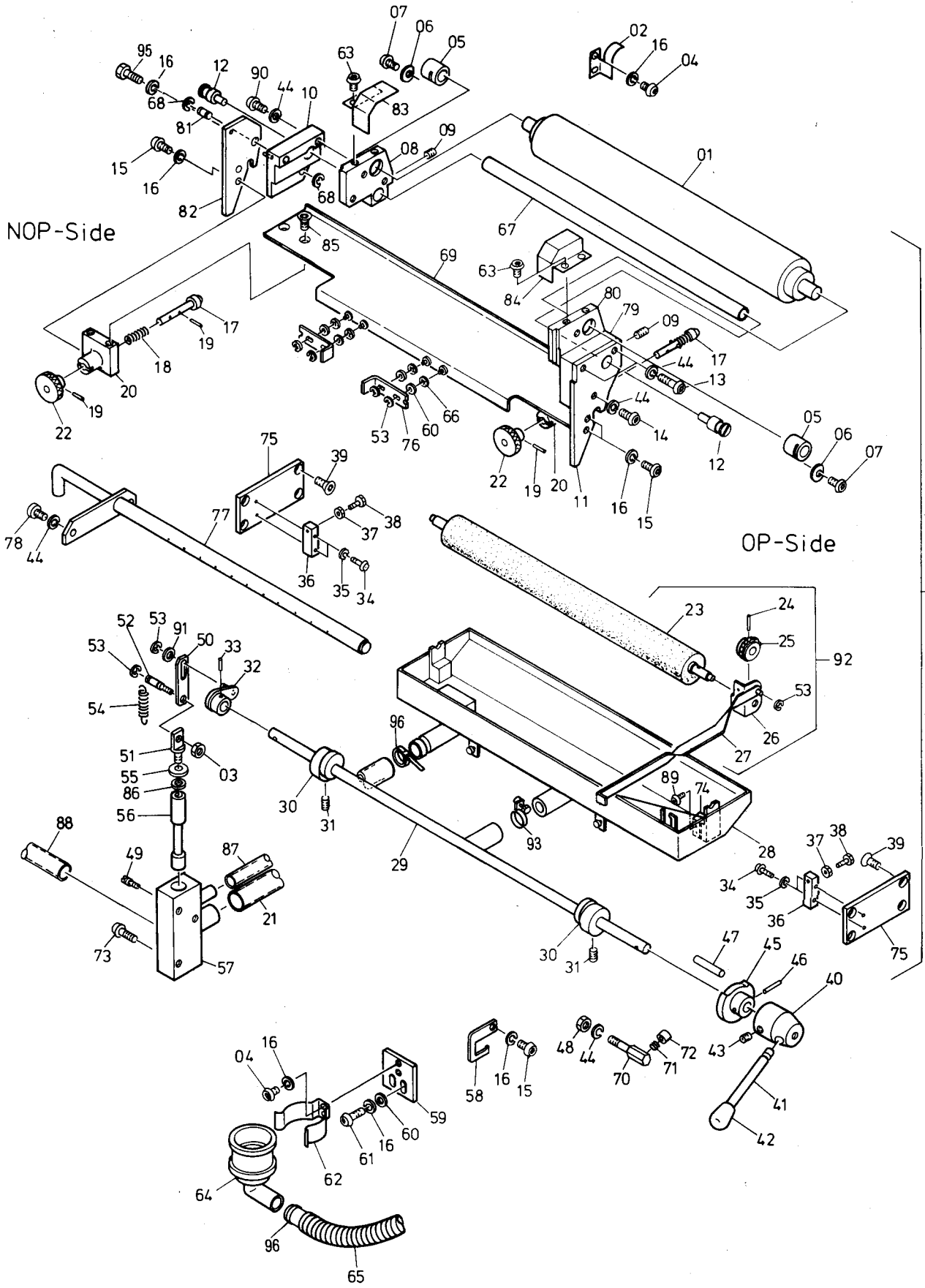


Plunger-Can and Set of Tools

N2049

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	B03-28-1B-3	Plunger Cam		1	1	1
02	B03-29-3	Spatula		1	1	1
03	CK15-05	Paper Holding - Plate		1	1	1
04	CK15-09	Paper Holding - Plate		1	1	1
05	CK15-08	Paper Holding - Plate		1	1	1
06	CK15-07	Paper Holding - Plate		1	1	1
07	CK15-06	Paper Holding - Plate		1	1	1
08	CK15-04	Paper Holding - Plate		1	1	1
09	CK12-19A	Work Organizer		0	1	1
10	B03-32-04-3	Spanner		1	1	1
11	B03-32-03-3	Spanner		1	1	1
12	B03-32-02-3	Spanner		1	1	1
13	B03-32-01-3	Spanner		1	1	1
14	B03-42-03-3	Screw Driver		1	1	1
15	B03-42-02-3	Screw Driver		1	1	1
16	B03-42-01-3	Screw Driver		1	1	1
17	B03-46-01-3	Driver		1	1	1
18	B03-46-02-3	Driver		1	1	1
19	B03-30-3	Box Wrench		1	1	1
20	B03-36-07-3	Set Screw Wrench		1	1	1
21	B03-36-06-3	Set Screw Wrench		1	1	1
22	B03-36-05-3	Set Screw Wrench		1	1	1
23	B03-36-04-3	Set Screw Wrench		1	1	1
24	B03-36-03-3	Set Screw Wrench		1	1	1
25	B03-36-02-3	Set Screw Wrench		1	1	1
26	B03-36-01-3	Set Screw Wrench		1	1	1
27	R03-26-3	Circumference Gauge for Form Roller	for Molleten	1	1	1
28	B03-47-3	Oiler		1	1	1
29	X13-56-3	Color Spray	Pink	1	1	1
30	X13-56-01-3	Color Spray	Red	1	0	0
31	X13-56-02-3	Color Spray	Black	1	1	1
32	CK15-10	Color Spray	Blue	0	1	1
33	CK15-03	Wrench		1	1	1
34	KC15-03	Dust Cover	Option	1	1	1
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36	EB03-01	Driver		1	1	1
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OLD TYPE(~HV-4560)
NEW TYPE(HV-4561~)-See Figure N2056

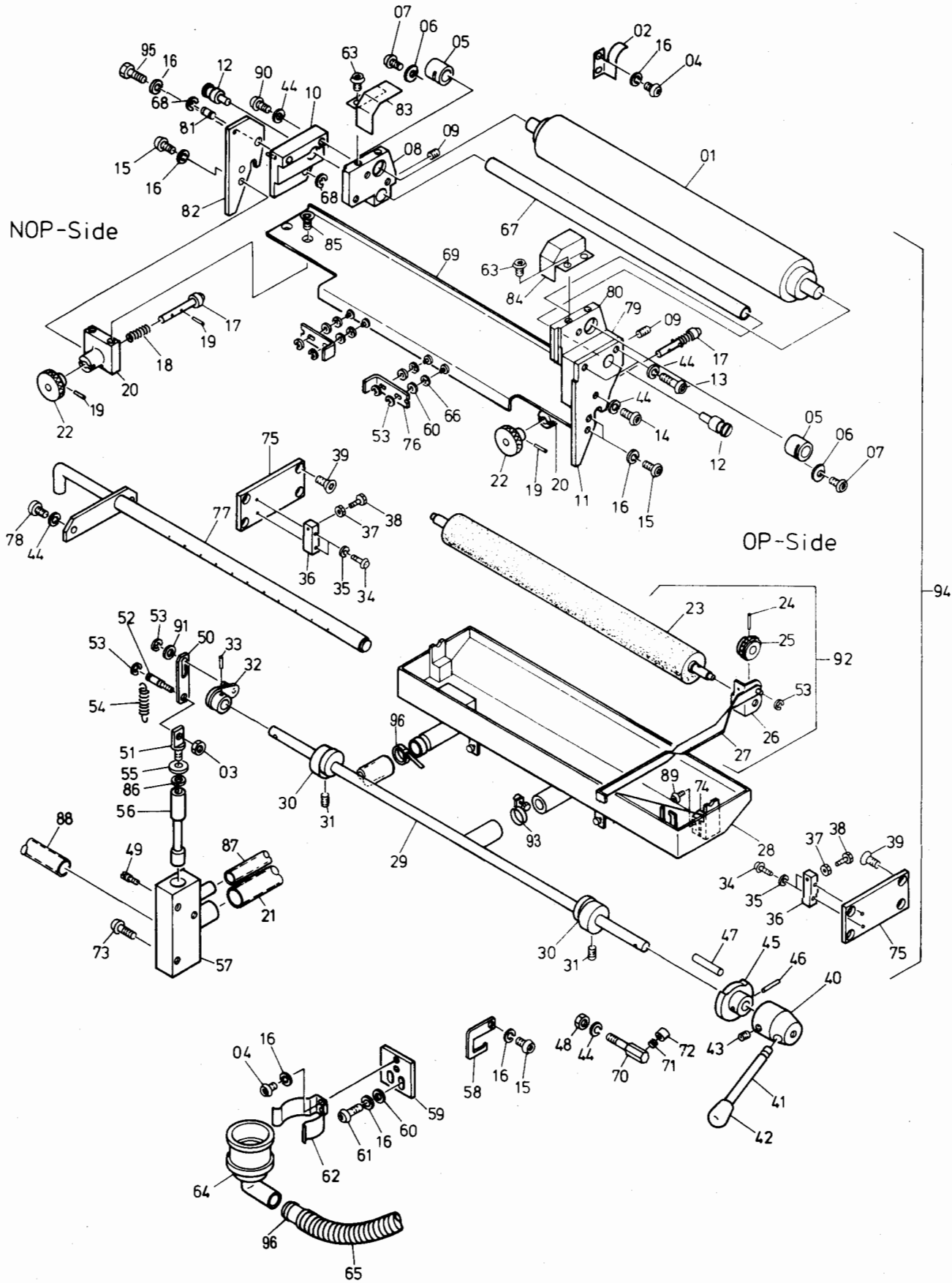


Blanket Cleaner (For 611CD, 612CD) (Option – Old Type)

N2050

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP09-01	Roller		1	0	0
02	CP09-58	Stopper		1	0	0
03	170-105	Nut		1	0	0
04	125-706	Screw		4	0	0
05	CP09-69	Bushing		2	0	0
06	I23-18-3	Retaining Washer		2	0	0
07	125-708	Screw		2	0	0
08	CP09-74	Frame	NOP-S	1	0	0
09	145-360	Set Screw		2	0	0
10	CP09-78	Frame	NOP-S	1	0	0
11	CP09-03	Frame	OP-S	1	0	0
12	CP09-71	Eccentric Pin		2	0	0
13	125-775	Screw		2	0	0
14	125-765	Screw		1	0	0
15	125-710	Screw		4	0	0
16	180-105	Lock Washer		12	0	0
17	CP09-22	Pin		2	0	0
18	CP09-23	Spring		2	0	0
19	183-141	Roll Pin		4	0	0
20	CP09-76	Bracket		2	0	0
21	CP09-60	Hose	15 φ	1	0	0
22	H06-35-3	Knob		2	0	0
23	CP09-83	Sponge Roller	Included in 92	1	0	0
24	183-154	Roll Pin	Included in 92	1	0	0
25	CP09-68	Ratchet Wheel	Included in 92	1	0	0
26	CP09-67B	Bracket	Included in 92	1	0	0
27	CP09-72	Lever	Included in 92	1	0	0
28	CP09-84A	Tray		1	0	0
29	CP09-11	Cam Shaft		1	0	0
30	CP09-09	Cam		2	0	0
31	145-458	Set Screw		2	0	0
32	CP09-55A	Lever		1	0	0
33	183-184	Roll Pin		1	0	0
34	125-665	Screw		4	0	0
35	180-104	Lock Washer		4	0	0
36	CP09-24	Block		2	0	0
37	170-104	Nut		2	0	0
38	101-420	Screw		2	0	0
39	122-112	Screw		6	0	0
40	CP09-37	Lever Bracket		1	0	0
41	CP09-38	Shaft		1	0	0
42	CP09-39	Knob		1	0	0
43	145-358	Set Screw		1	0	0
44	180-106	Lock Washer		8	0	0
45	CP09-36	Cam		1	0	0
46	183-185	Roll Pin		1	0	0
47	183-249	Roll Pin		1	0	0
48	170-106	Nut		1	0	0
49	CP09-48	Pin		1	0	0
50	CP09-54	Link		1	0	0
51	CP09-42	Bolt		1	0	0
52	CP09-52	Pin		1	0	0
53	181-404	E-Ring		7	0	0
54	CP09-31	Spring		1	0	0
55	X01-14-3	Spacer		1	0	0
56	H18-12-3	Piston		1	0	0
57	CP09-44A	Valve Assy		1	0	0
58	CP09-63	Stopper		1	0	0
59	CP09-77	Cup Bracket		1	0	0
60	184-105	Flat Washer		6	0	0
61	125-712	Screw		2	0	0
62	CP09-34	Band		1	0	0
63	125-705	Screw		4	0	0
64	CP09-33	Fountain Cup		1	0	0
65	CP09-06	Hose		1	0	0
66	180-175	Spacer		4	0	0
67	CP09-65A	Roller		1	0	0
68	181-405	E-Ring		2	0	0
69	CP09-66	Tray Support		1	0	0
70	CP09-25	Stud Pin		1	0	0

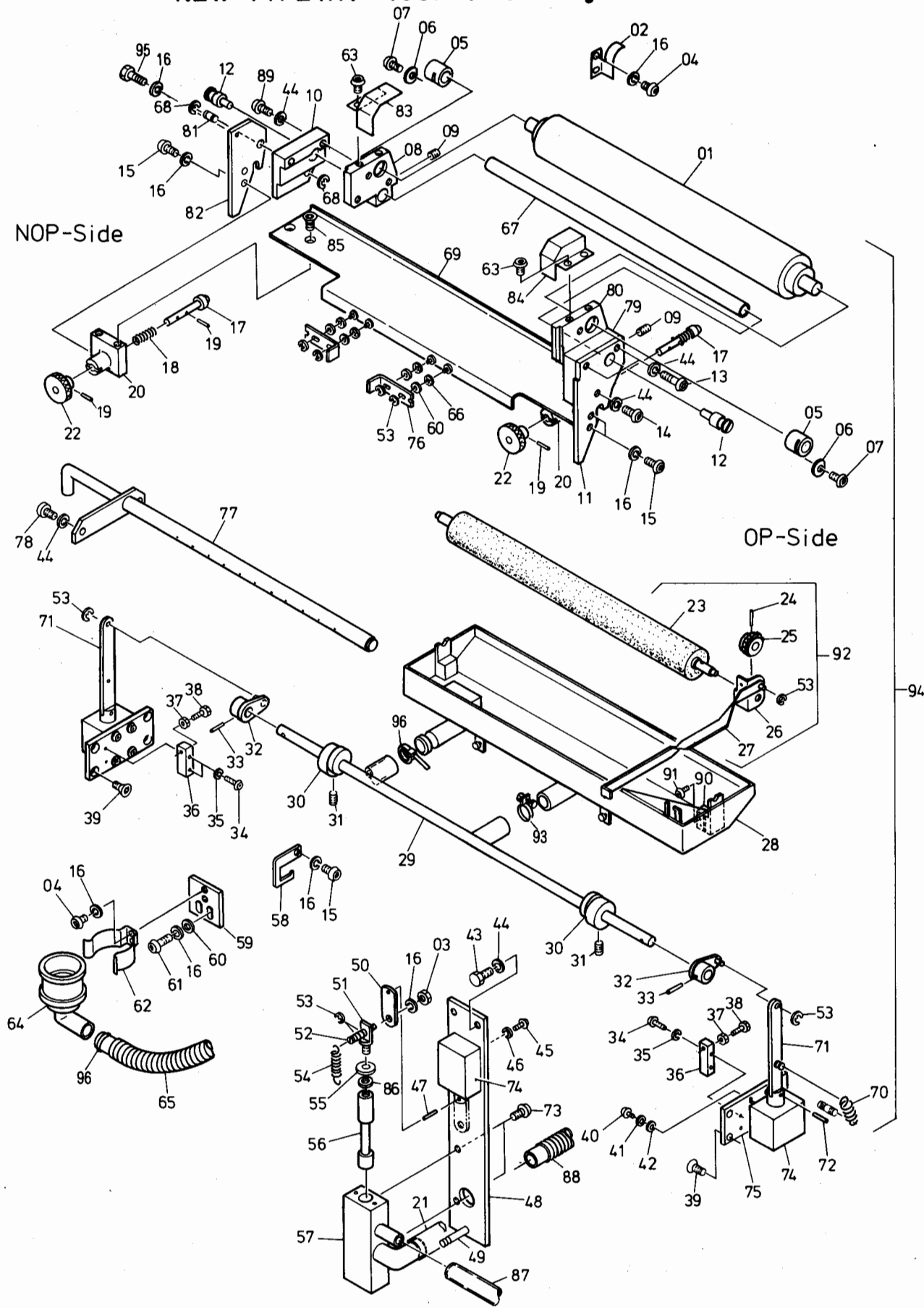
OLD TYPE(~HV-4560)
NEW TYPE(HV-4561~)-See Figure N2056



N2050

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OLD TYPE (~HV-4560)
NEW TYPE (HV-4561~)—See Figure N2057

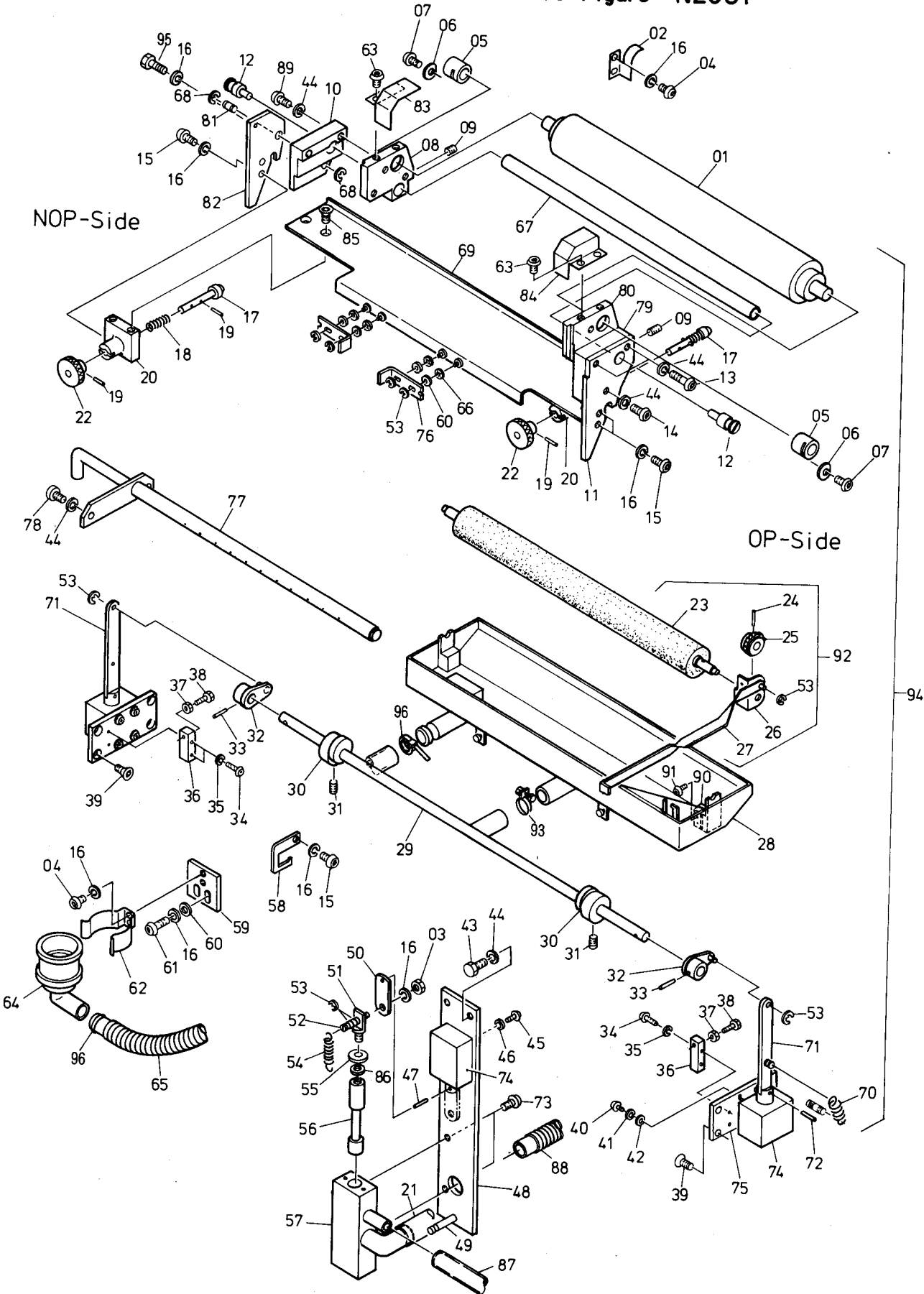


Blanket Cleaner (Old Type)

N2051

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP09-01	Roller		0	1	1
02	CP09-58	Stopper		0	1	1
03	170-105	Nut		0	1	1
04	125-706	Screw		0	4	4
05	CP09-69	Bushing		0	2	2
06	I23-18-3	Retaining Washer		0	2	2
07	125-708	Screw		0	2	2
08	CP09-74	Bracket	NOP-S	0	1	1
09	145-360	Set Screw		0	2	2
10	CP09-78	Block	NOP-S	0	1	1
11	CP09-03	Frame	OP-S	0	1	1
12	CP09-71	Eccentric Pin		0	2	2
13	125-775	Screw		0	2	2
14	125-765	Screw		0	1	1
15	125-710	Screw		0	7	7
16	180-105	Lock Washer		0	14	14
17	CP09-22	Pin		0	2	2
18	CP09-23	Spring		0	4	4
19	183-141	Roll Pin		0	2	2
20	CP09-76	Bracket		0	2	2
21	CP09-59	Hose		0	1	1
22	H06-35-3	Knob		0	2	2
23	CP09-83	Sponge Roller	Included in 92	0	1	1
24	183-154	Roll Pin	Included in 92	0	1	1
25	CP09-68	Ratchet Wheel	Included in 92	0	1	1
26	CP09-67B	Bracket	Included in 92	0	1	1
27	CP09-72	Lever	Included in 92	0	1	1
28	CP09-84A	Solvent Tray		0	1	1
29	CP09-10	Cam Shaft		0	1	1
30	CP09-09	Cam		0	2	2
31	145-458	Set Screw		0	2	2
32	CP09-29A	Lever		0	2	2
33	183-184	Roll Pin		0	2	2
34	125-665	Screw		0	4	4
35	180-104	Lock Washer		0	4	4
36	CP09-24	Block		0	2	2
37	170-104	Nut		0	2	2
38	101-420	Screw		0	2	2
39	122-112	Screw		0	6	6
40	125-608	Screw		0	6	6
41	180-103	Lock Washer		0	6	6
42	184-103	Flat Washer		0	6	6
43	101-366	Screw		0	2	2
44	180-106	Lock Washer		0	4	4
45	125-610	Screw		0	4	4
46	180-103	Lock Washer		0	4	4
47	183-182	Roll Pin		0	1	1
48	CP09-41	Valve Plate		0	1	1
49	CP09-53	Pin		0	1	1
50	CP09-16	Plate		0	1	1
51	CP09-42	Bolt		0	1	1
52	CP09-15	Pin		0	1	1
53	181-404	E-Ring		0	9	9
54	KU-05	Spring		0	1	1
55	X01-14-3	Spacer		0	1	1
56	H18-12-3	Piston		0	1	1
57	CP09-56A	Valve Assy		0	1	1
58	CP09-63	Hose Bracket		0	1	1
59	CP09-77	Cup Bracket		0	1	1
60	184-105	Flat Washer		0	2	2
61	125-712	Screw		0	2	2
62	CP09-34	Band		0	1	1
63	125-705	Screw		0	2	2
64	CP09-33	Fountain Cup		0	1	1
65	CP09-06	Hose		0	1	1
66	180-175	Spacer		0	4	4
67	CP09-65A	Roller		0	1	1
68	181-405	E-Ring		0	2	2
69	CP09-66A	Tray Support		0	1	1
70	CP09-31	Spring		0	1	1

OLD TYPE (~HV-4560)
NEW TYPE (HV-4561~)—See Figure N2057



N2051

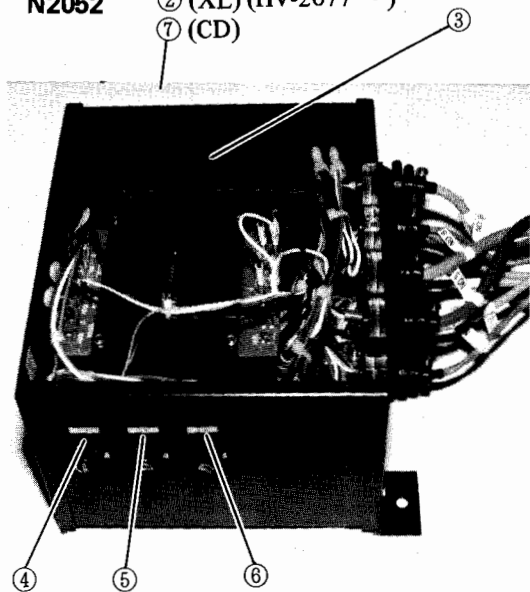
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Electric Parts

N2052

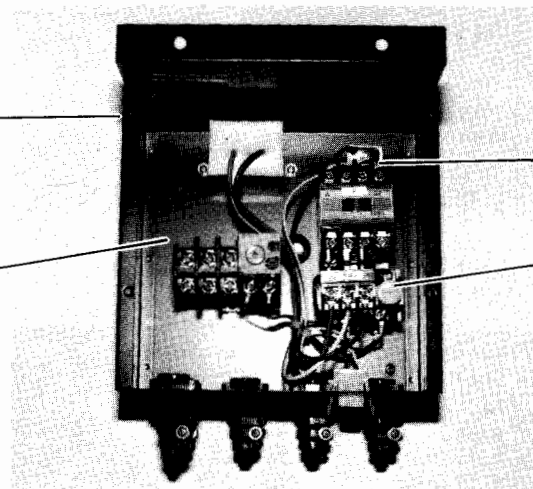
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	E53-53-1A-3	Power Supply Box ~ HV-2076	100V ~ 240V	0	1	0
02	E53-53-1B-3	Power Supply Box HV-2077 ~ HV-3997	100V ~ 240V	0	1	0
03	E19-08-3	Switching Regularter	ESR-05-3RO AC100/DC5V	0	1	0
04	E05-14-3	Glass Tubing Fuse	F1 1A	1	1	1
05	E05-12-3	Glass Tubing Fuse	F2 3A	1	1	1
06	E05-13-3	Glass Tubing Fuse	F3 2A	1	1	1
07	E53-54-1A-3	Power Supply Box	100V ~ 240V	1	0	0
08	E50-59-1A-3	Motor Switch Box	100V/200V	0	1	0
09	E04-45-3	Main Thermal Relay	TH-K20 2.8 ~ 4.4A 3φ200V	0	1	0
10	E04-47-3	Main Thermal Relay	TH-K20 7 ~ 11A 3φ100V	0	1	0
11	E03-11-3	Magnet Switch	3 MSO-A10RM	1	1	0
12	E04-44-3	Pump Thermal Relay	TH-12RM 1.3 ~ 2.1A 3φ100V	1	1	0
13	E04-43-3	Pump Thermal Relay	TH-12RM 2.5 ~ 4.1A 1200V	1	1	0
14	E04-22-3	Pump Thermal Realy	TH-12RM 5 ~ 8A 1φ100V	1	1	0
15	E50-60-1A-3	Motor Switch Box	100V/200V	1	0	0
16	E03-22-3	Magnet Switch	1 MSO-K20 100V 9 ~ 13A	1	1	0
17	E18-16-3	Thermal Printer ~ HV-3997	μTP-20	0	1	0
18	E18-16-01-3	Shaft ~ HV-3997		0	1	0
19	E18-16-02-3	Roll Paper ~ HV-3997	TP50KS	0	1	0
20	E51-23-01-3	Control Panel	FOR JAPAN	0	1	0
21	E51-23-02-3	Control Panel	WITHOUT JAPAN	0	1	0
22	E51-23-1A-3	Digital Control Box ~ HV-3480	611XL	0	1	0
23	E51-29-1A-3	Digital Control Box ~ HV-3480	612XL	0	1	0
24	E13-78-03-3	Push Switch	LA-15SKS1	0	1	0
25	E24-19-01-3	Green Lampe (START, FEED)	AT-608 28V	0	2	0
26	E24-19-02-3	Red Lamp (STOP)	AT-608 28V	0	1	0
27	E13-79-01-3	Push Switch	LB-26SKS1	0	1	0
28	E24-18-3	Lamp (POWER)	AT-607 28V	0	1	0
29	E13-85-3	Chip (CYCLE OUT)	TZ0406	0	1	0
30	E13-85-01-3	Chip (ADD)	TZ0406	0	1	0
31	E13-85-02-3	Chip (COPIES)	TZ0406	0	1	0
32	E13-84-3	Chip ENT	TZ0412	0	1	0
33	E13-81-3	Chip C	TZ0312	0	1	0
34	E13-81-01-3	Chip 0	TZ0312	0	1	0
35	E13-81-02-3	Chip 1	TZ0312	0	1	0
36	E13-81-03-3	Chip 2	TZ0312	0	1	0
37	E13-81-04-3	Chip 3	TZ0312	0	1	0
38	E13-81-05-3	Chip 4	TZ0312	0	1	0
39	E13-81-06-3	Chip 5	TZ0312	0	1	0
40	E13-81-07-3	Chip 6	TZ0312	0	1	0
41	E13-81-08-3	Chip 7	TZ0312	0	1	0
42	E13-81-09-3	Chip 8	TZ0312	0	1	0
43	E13-81-10-3	Chip 9	TZ0312	0	1	0
44	E13-85-03-3	Chip (SIZE/GSM) (SIZE/LBS)	TZ0406	0	1	0
45	E13-84-01-3	Chip (A) (BOND)	TZ0412	0	1	0
46	E13-84-02-3	Chip (B) (BOOK)	TZ0412	0	1	0
47	E13-84-03-3	Chip (C) (TAG)	TZ0412	0	1	0
48	E13-84-04-3	Chip (D) (INDEX)	TZ0412	0	1	0
49	E13-84-05-3	Chip (E) (COAT)	TZ0412	0	1	0
50	E13-84-06-3	Chip (F) (A)	TZ0412	0	1	0
51	E13-85-04-3	Chip (NO.)	TZ0406	0	1	0
52	E13-82-3	Chip (MODE)	TZ0302	0	1	0
53	E13-82-01-3	Chip (SET)	TZ0302	0	1	0
54	E13-82-02-3	Chip (SEL.)	TZ0302	0	1	0
55	E22-07-3	Potion Meter (220V)	S6041A3 200KB	0	1	0
56	E22-08-3	Potion Meter (100V)	5KB	0	1	0
57	E18-23-3	P-ROM No. 1 & No. 2	For JAPAN	0	2	0
58	E26-32-3	Amplifer ~ HV-4622	PA-11	0	2	0
59	E09-40-3	Magnet Counter		0	1	0
60	E13-87-3	Chip (White)		0	1	0
61	E51-32-1B03	Digital Control Box HV-3481 ~ HV-3997	611XL	0	1	0
62	E51-32-1C-3	Digital Control Box HV-3481 ~ HV-3997	612XL	0	1	0
63	E04-48-3	Pump Thermal Relay	TH-K12 1.7A 3φ200V	1	1	1
64	E04-49-3	Pump Thermal Relay	TH-K12 3.3A 1φ200V	1	1	1
65	E04-50-3	Pump Thermal Relay	TH-K12 6.5A 1φ100V	1	1	1
66	E03-26-3	Magnet Switch Pump	S-K10 Coil A.C. 100V	1	1	1
67	E03-26-01-3	Magnet Switch Assy Pump	3φ200V	1	1	1
68	E03-26-02-3	Magnet Switch Assy Pump	1φ200V	1	1	1
69	E03-26-03-3	Magnet Switch Assy Pump	1φ100V	1	1	1
70	E18-23-01-3	P-ROM No. 1 & No. 2 ~ HV-3997	For USA/CND	0	1	0

N2052
 ① (XL) (~ HV-2076)
 ② (XL) (HV-2077 ~)
 ⑦ (CD)

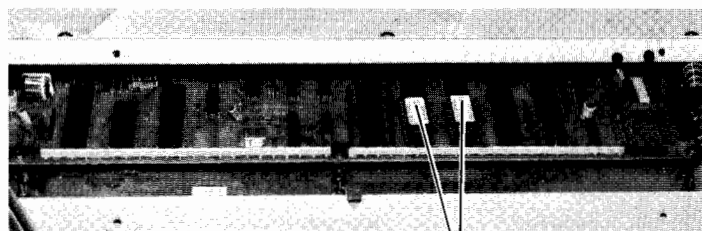
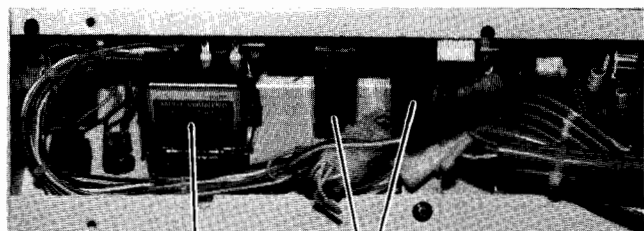
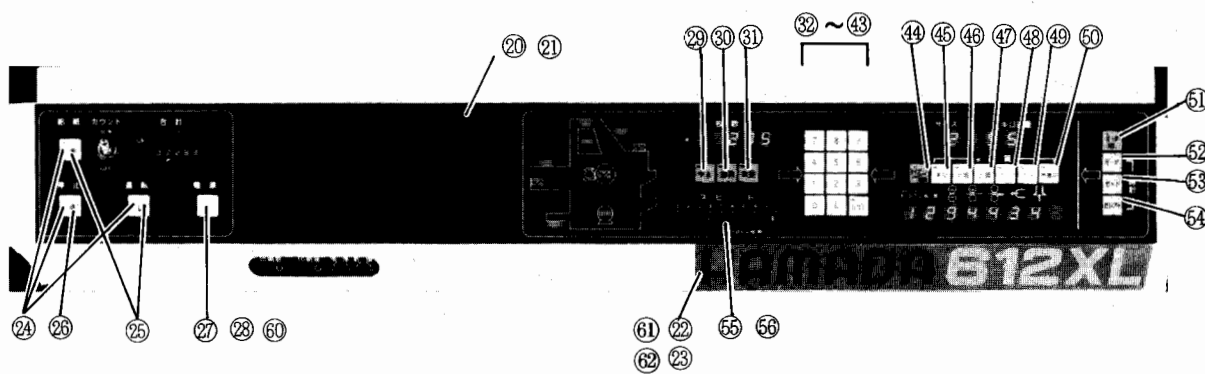
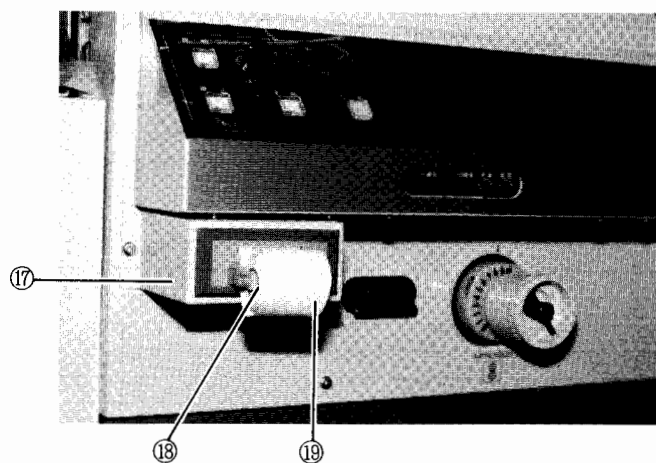


⑧ (XL)
 ⑮ (CD)

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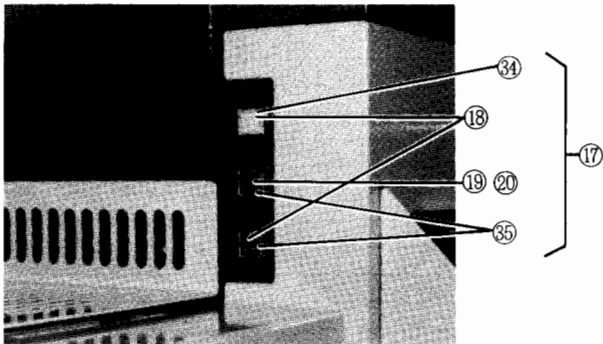
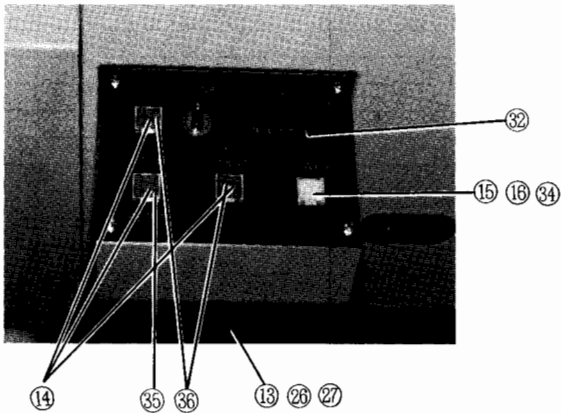
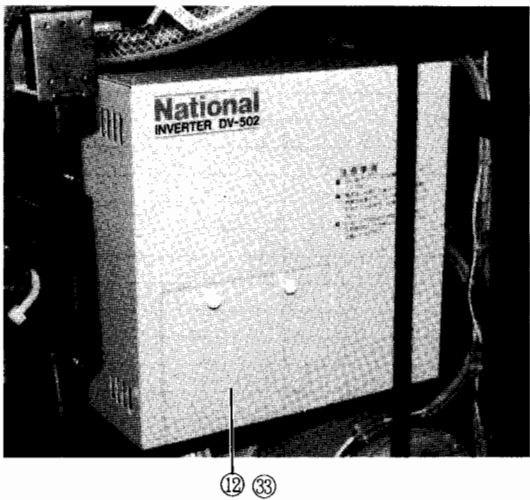
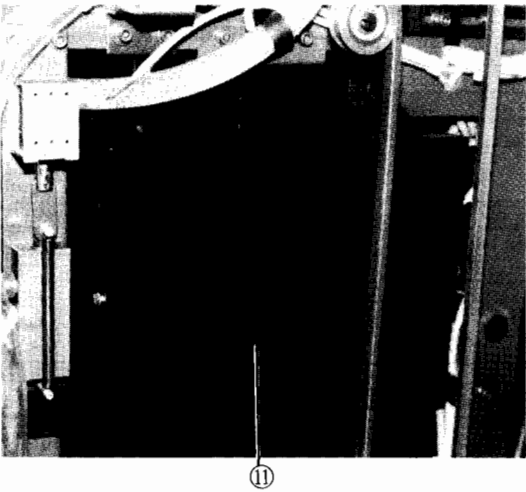
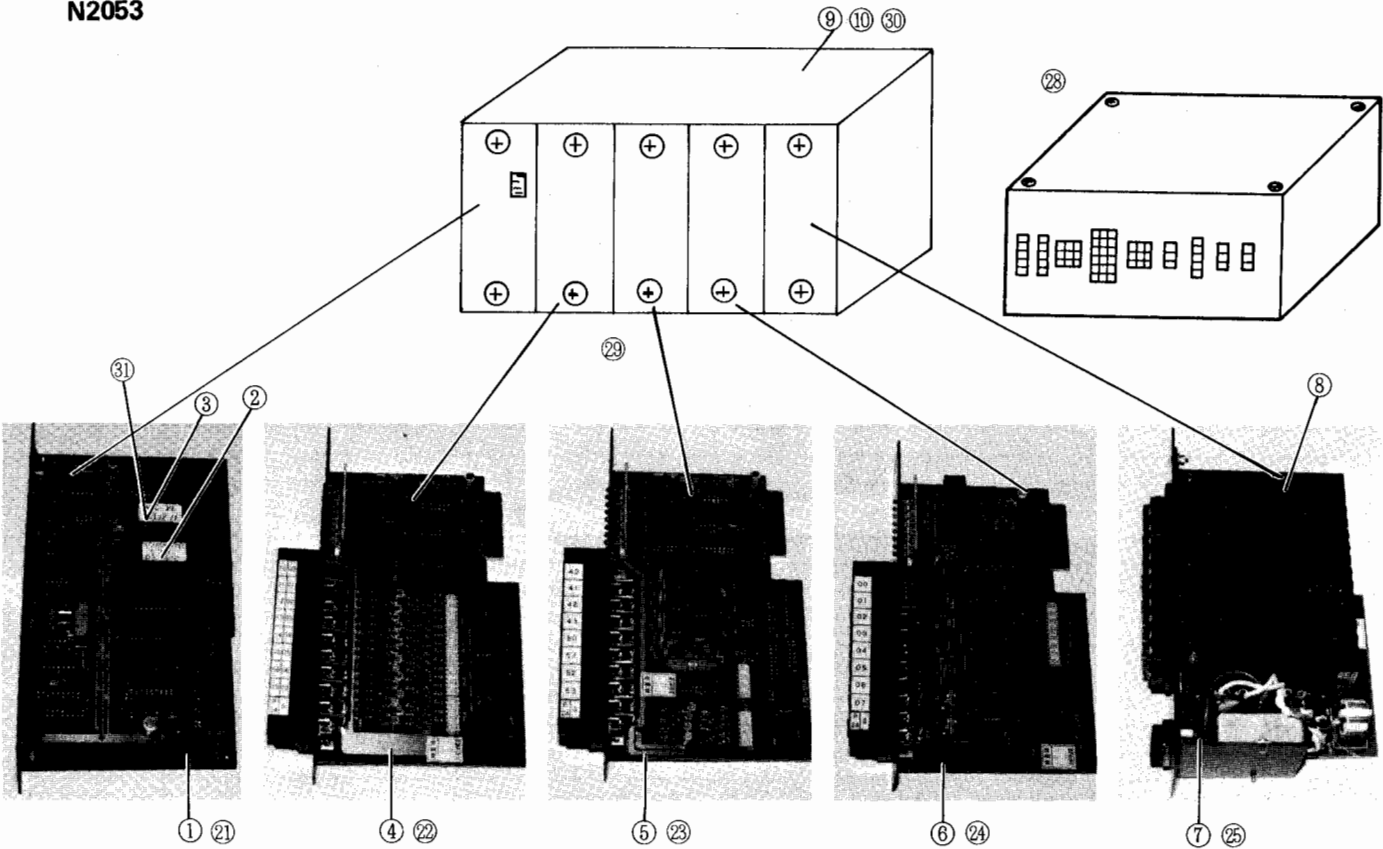


⑪ ⑥⑥
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N2052

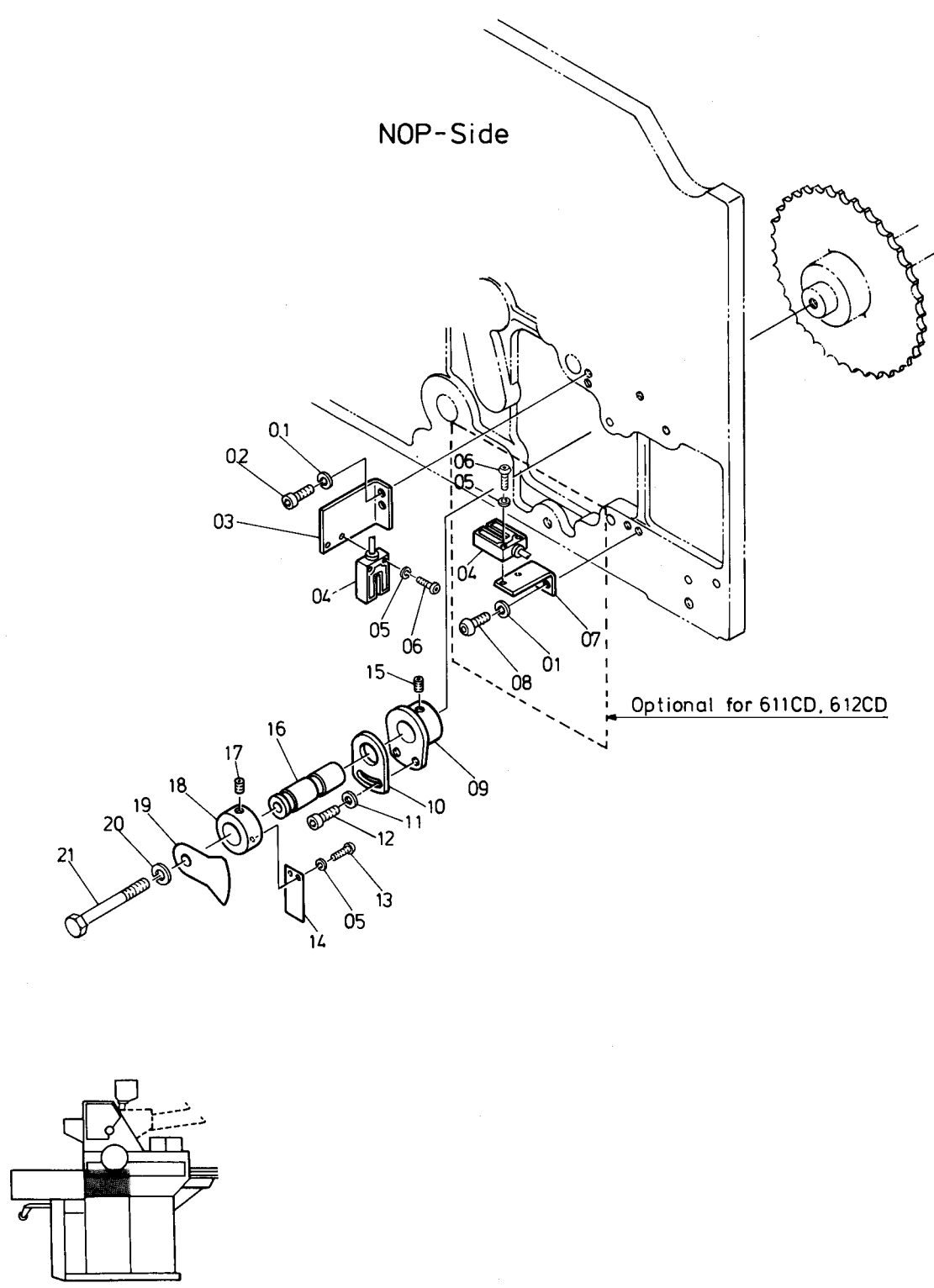
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Electric Parts

N2053

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	E18-18-3	Sequencer CPU Board		0	1	0
02	E18-18-01-3	Sequencer P-ROM	Included in 01	0	1	0
03	E18-18-02-3	Sequencer P-ROM	Included in 01	0	1	0
04	E18-19-3	Input Board		0	1	0
05	E18-20-3	In & Output Board		0	1	0
06	E18-21-3	Output Board		0	1	0
07	E18-22-3	Power Supply Board		0	1	0
08	E19-08-3	Switching Regulator	Included in 07, 25 ESR-05-3RO AC100V/DC5V	0	1	0
09	E50-55-1A-3	Sewuecner Box	01, 01~07 ~HV-2439	0	1	0
10	E50-63-1A-3	Sequencer Box	01, 04, 06, 07, 29 ~HV-2439	1	0	0
11	E50-53-1A-3	Inverter Unit	~HV-3480 200V	0	1	0
12	E50-62-1A-3	Inverter Unit	100V	0	1	0
13	E51-24-1A-3	Control Box	~HV-2439	1	0	0
14	E13-91-3	Push Switch	LB-15SKS1	3	0	0
15	E13-79-01-3	Push Switch	LB-26SKS1	1	0	0
16	E24-18-3	Lamp	AT-607 28V	1	0	0
17	E51-28-1B-3	Push Switch Box		0	1	0
18	E13-78-02-3	Push Switch	LB-15SKS1	0	1	0
19	E13-86-02-3	Push Switch	LB-16SKS1	0	1	0
20	E24-18-3	Lamp	AT-607 28V	0	1	0
21	E18-28-3	Sequencer CPU Board	HV-2440~ HV-3997	0	1	0
22	E18-24-3	Input Board	HV-2440~	0	1	0
23	E18-25-3	In & Output Board	HV-2440~ HV-3997	0	1	0
24	E18-26-3	Output Board	HV-2440~	0	1	0
25	E18-29-3	Power Supply Board	HV-2440~	0	1	0
26	E51-24-1B-3	Control Box	~HV-2439 fo sequencer Option	1	0	0
27	E51-24-1C-3	Control Box	HV-2440~ for Logic Board	1	0	0
28	E50-68-1A-3	Sequencer Unit	HV-2440~	1	0	0
29	E18-27-3	Amplifier Board	for CD	1	0	0
30	E50-55-1B-3	Sequencer Unit	21~25 HV-2440~HV-3997	0	1	0
31	E18-28-01-3	Sequencer P-ROM	Included in 21 ~ HV-3997	0	1	0
32	E09-40-3	Magnet Counter		1	0	0
33	E50-71-1A-3	Inverter Unit	HV-3481~ 200V	0	1	0
34	E13-87-3	Chip (White)		1	1	0
35	E13-89-3	Chip (Red)		1	2	0
36	E13-88-3	Chip (Green)		2	0	0
37	E50-73-1A-3	Inverter Unit	HV3823~ HV-4170 200V DV-503	0	1	1
38	E13-78-04-3	Push Switch	LB 25SKS1	2	0	0
39	E13-78-01-3	Push Switch		0	1	0
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Timing Cam

N2054

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	180-105	Lock Washer		4	4	4
02	117-512	Screw		2	2	2
03	CK18-35	Bracket		1	1	1
04	E10-13-3	Senser		2	2	2
05	180-103	Lock Washer		6	6	6
06	125-615	Screw		4	4	4
07	CK18-27	Bracket		1	1	1
08	125-710	Screw		2	2	2
09	KC08-78A	Spray Timing Cam A		1	1	1
10	KC08-79	Spray Timing Cam B		1	1	1
11	184-105	Flat Washer		1	1	1
12	117-510	Screw		1	1	1
13	125-606	Screw		2	2	2
14	CK18-34	Timing Cam	for TMS-2	1	1	1
15	145-358	Screw		1	1	1
16	CH02-28	Timing Shaft		1	1	1
17	145-508	Screw		1	1	1
18	CK18-33	Collar		1	1	1
19	CK18-26	Timing Cam	for TSM-1	1	1	1
20	180-108	Lock Washer		1	1	1
21	101-488	Screw		1	1	1
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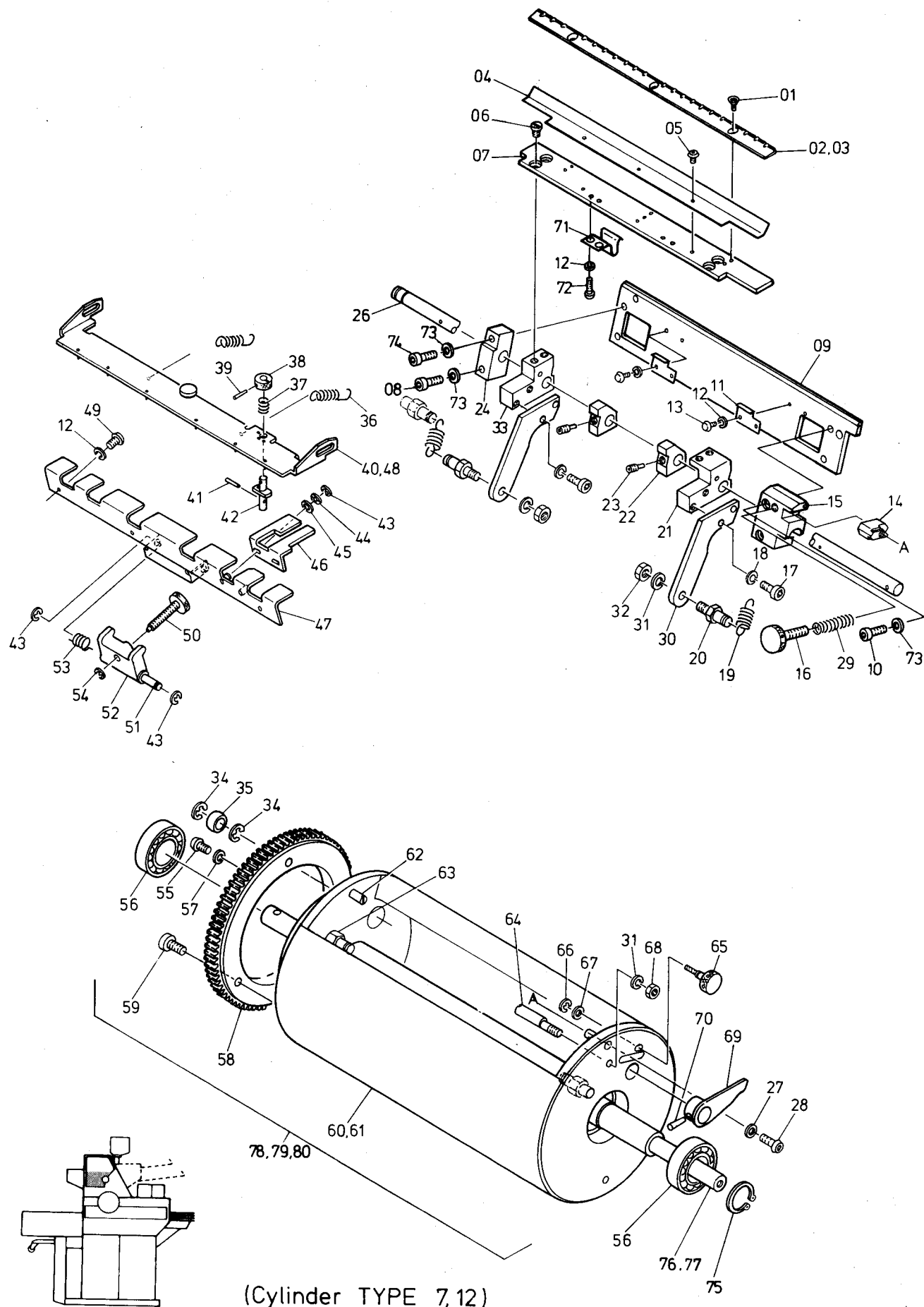
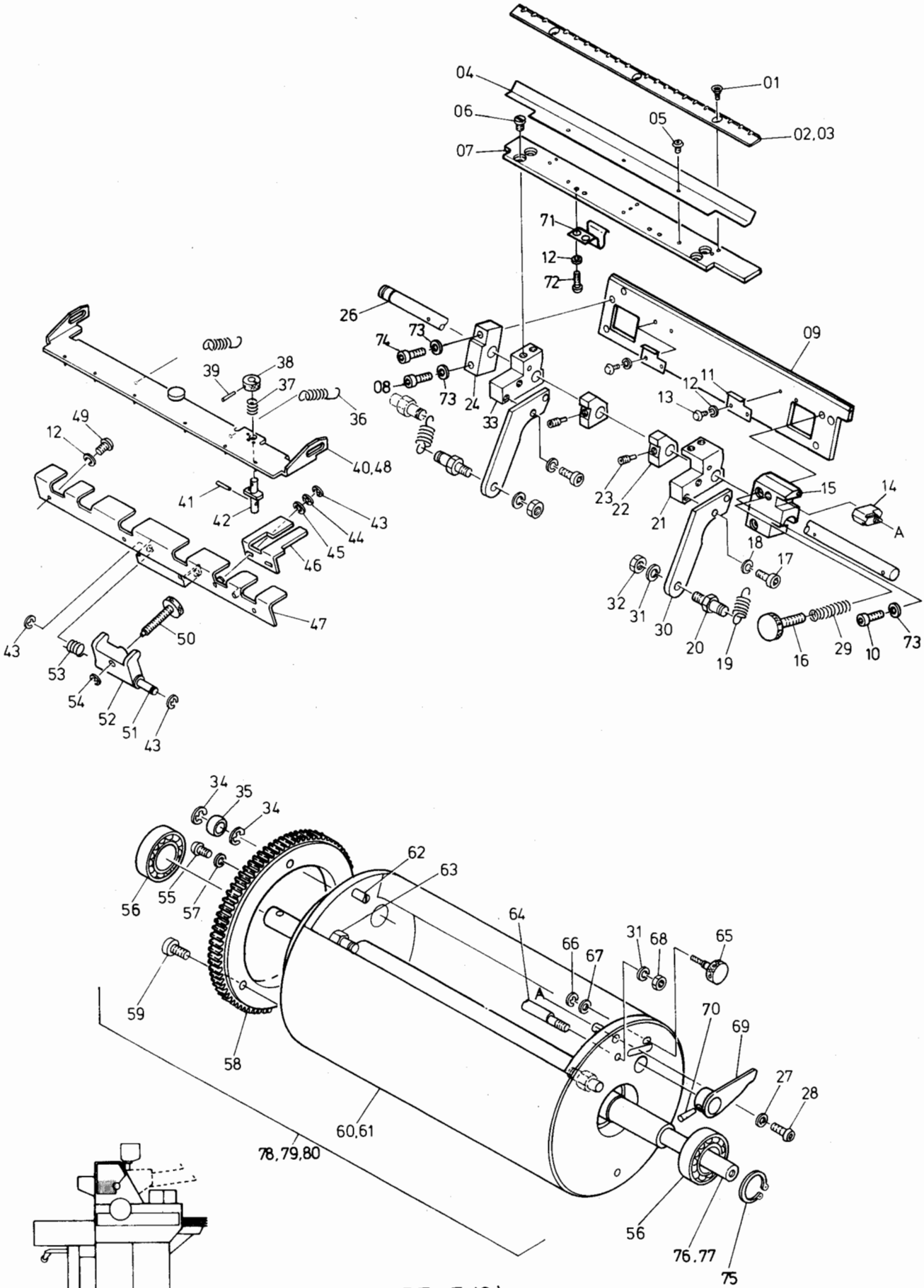


Plate Cylinder

N2055

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	122-055	Screw		3	3	0
02	CM14-35	Plate Clamp	Off Center	1	1	0
03	CM14-36	Plate Clamp	On Center	1	1	0
04	CM14-31	Guide Plate		1	1	0
05	125-656	Screw		3	3	0
06	CM14-19	Screw		4	4	0
07	CM14-49	Plate		1	1	0
08	117-525	Screw		1	1	0
09	CM14-48A	Plate		1	1	0
10	117-518	Screw		2	2	0
11	CM14-14	Stopper		2	2	0
12	180-104	Lock Washer		12	12	0
13	125-655	Screw		4	4	0
14	CM14-23	Guide Key		1	1	0
15	CM14-51	Block		1	1	0
16	CM14-25	Screw Knob		1	1	0
17	117-365	Screw		4	4	0
18	180-106	Lock Washer		6	6	0
19	CM14-30	Spring		2	2	0
20	CM14-09	Stud Bolt		2	2	0
21	CM14-04A	Block		1	1	0
22	CM14-32	Block		2	2	0
23	147-098	Screw		2	2	0
24	CM14-52	Block		1	1	0
25	170-106	Nut		2	2	0
26	CM14-22	Shaft		1	1	0
27	184-105	Flat Washer		1	1	0
28	125-715	Screw		1	1	0
29	CM14-26	Spring		1	1	0
30	CM14-27	Arm		2	2	0
31	180-108	Lock Washer		3	3	0
32	170-108	Nut		2	2	0
33	CM14-05A	Block		1	1	0
34	181-410	E-Ring		2	2	0
35	CM14-13	Bush		1	1	0
36	CM14-21	Spring		2	2	0
37	CM14-40	Spring		1	1	0
38	CM14-18	Knob		1	1	0
39	183-153.01	Roll Pin		1	1	0
40	CM14-41A	Guide Plate	Off Center	1	1	0
41	183-151.01	Roll Pin		1	1	0
42	CM14-17	Rock Pin		1	1	0
43	181-405	E-Ring		4	4	0
44	180-176	Flat Spring		2	2	0
45	131-09-3	Flat Washer		2	2	0
46	CM14-20	Lock Plate		1	1	0
47	CM14-34A	Support Plate		1	1	0
48	CM14-42A	Guide Plate	On Center	1	1	0
49	125-658	Screw		4	4	0
50	CM14-12	Adjusting Screw		1	1	0
51	MC14-15	Pin		1	1	0
52	CM14-47	Support Plate Bracket		1	1	0
53	H31-13-3	Spring		1	1	0
54	181-403	E-Ring		1	1	0
55	125-762	Screw		3	3	0
56	M22-02-3	Bearing		2	2	0
57	184-106.2	Flat Washer		3	3	0
58	CM04-02	Plate Cylinder Gear		1	1	0
59	117-472	Screw		3	3	0
60	CM14-01	Plate Cylinder	for Type 7	1	1	0
61	CM20-01	Plate Cylinder	for Type 12	1	1	0
62	CM14-15	Pin		2	2	0
63	CM14-29	Spring Pin		2	2	0
64	CM14-16	Eccentric Pin		1	1	0
65	CM14-24	Adjusting Screw		1	1	0
66	181-404	E-Ring		1	1	0
67	184-106	Flat Washer		1	1	0
68	170-108	Nut		1	1	0
69	CM14-08A	Lever		1	1	0
70	182-146	Taper Pin		1	1	0

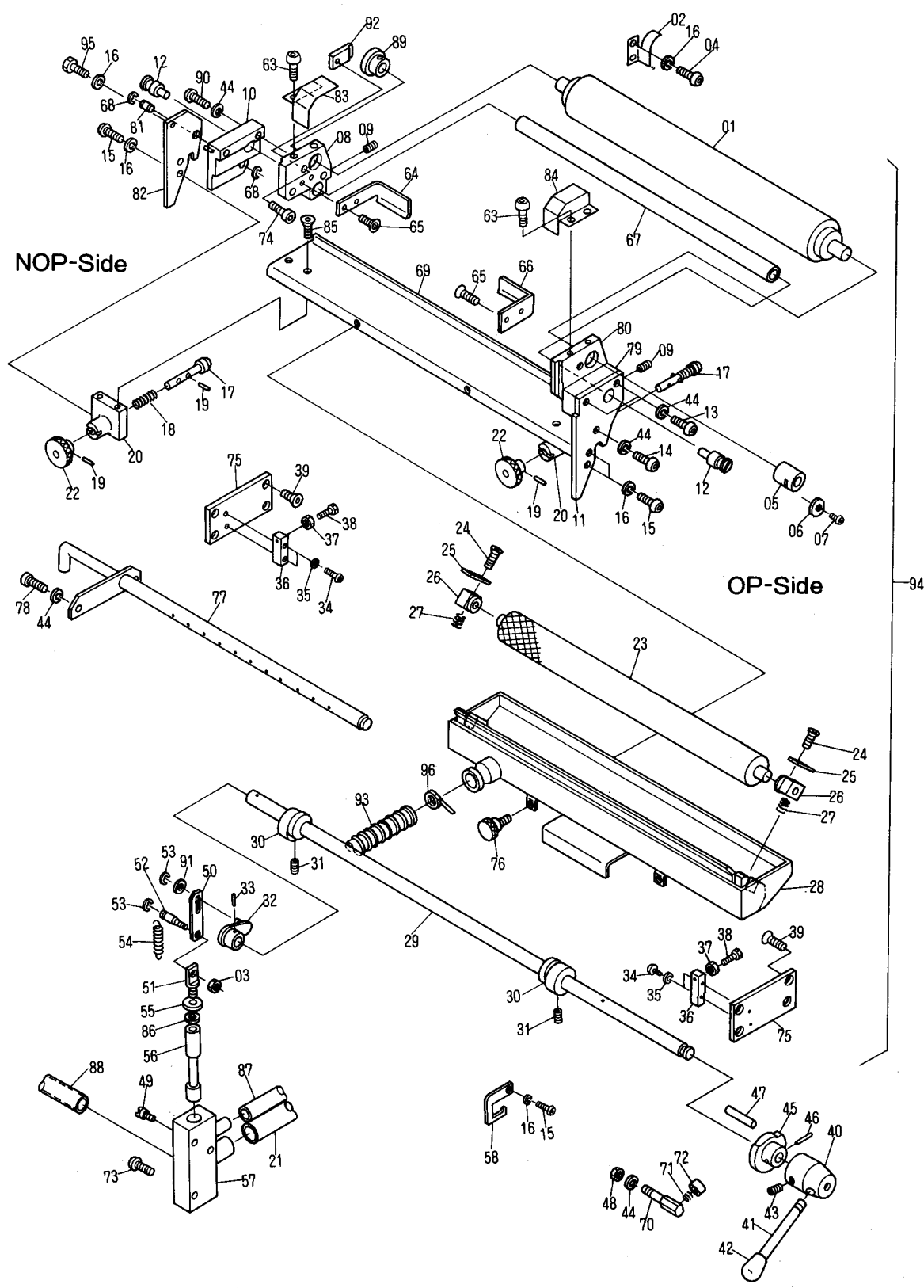


(Cylinder TYPE 7,12)
NEW TYPE (HV-3136~)

Plate Cylinder

N2055.

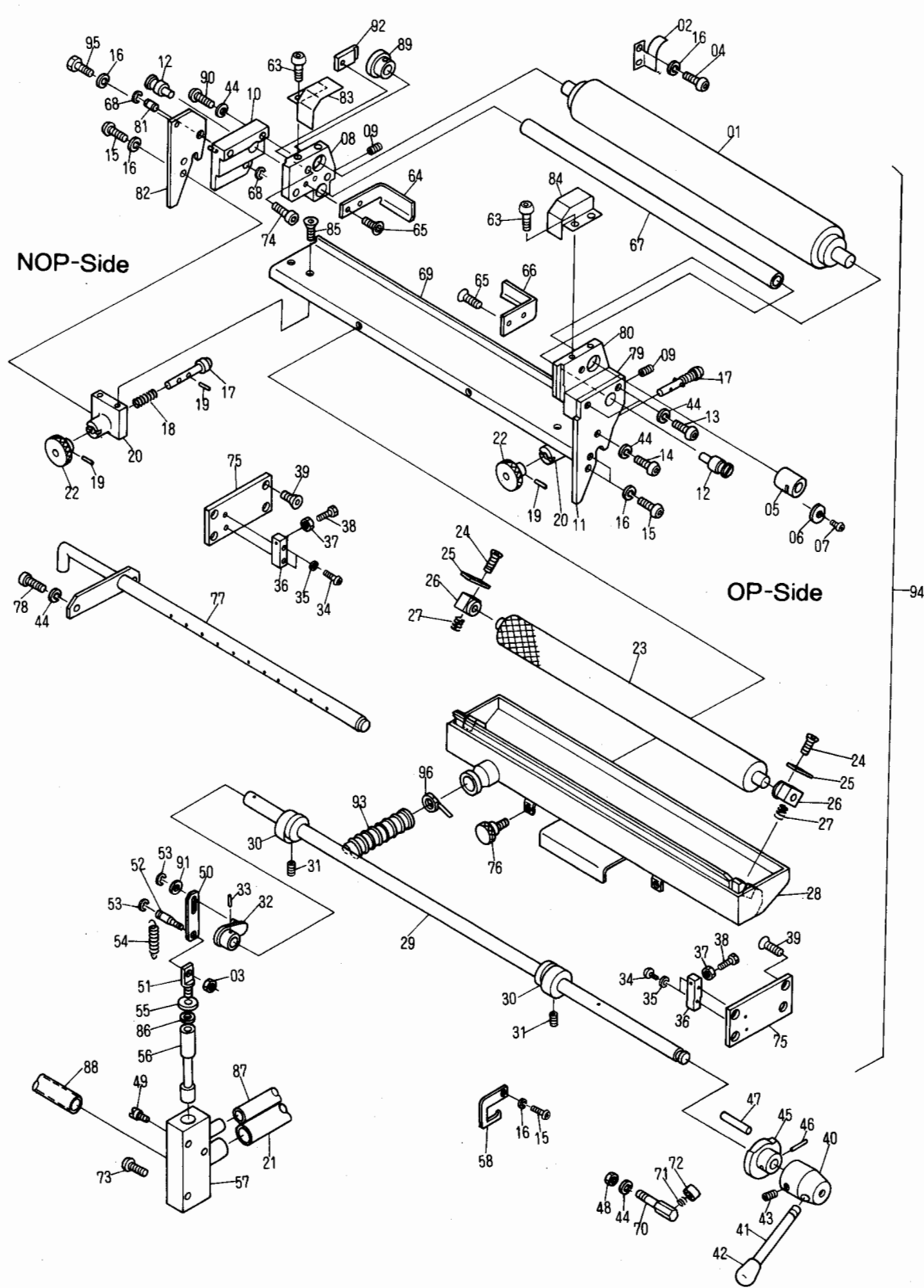
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Blanket Cleaner (For 611CD, 612CD) (Option)

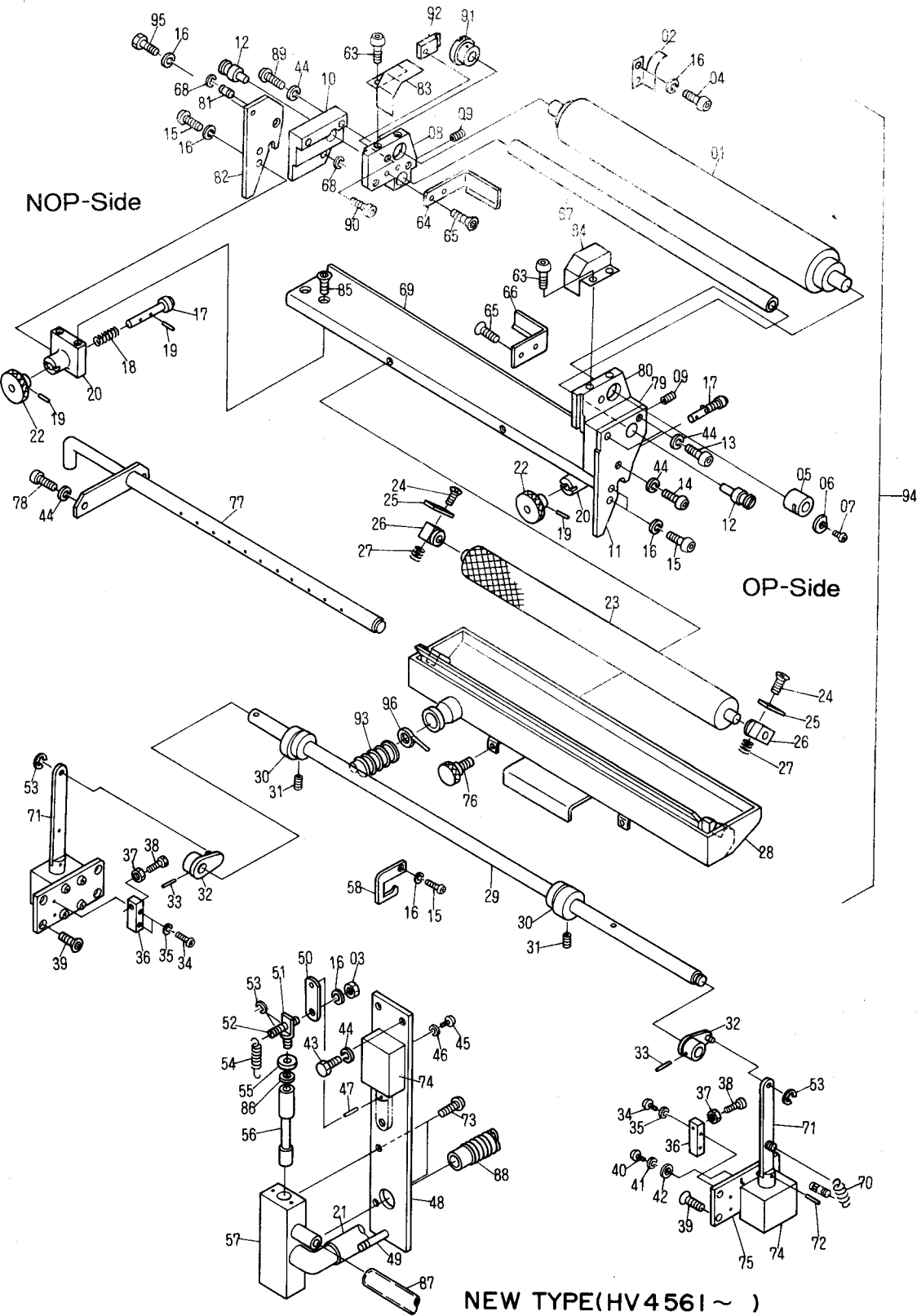
N2056

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP09-88	Roller		1	0	0
02	CP09-58	Stopper		1	0	0
03	170-105	Nut		1	0	0
04	125-706	Screw		2	0	0
05	CP09-69	Bushing	OP-S	1	0	0
06	123-18-3	Retaining Washer	OP-S	1	0	0
07	125-708	Screw		1	0	0
08	CP09-94	Frame	NOP-S	1	0	0
09	145-360	Set Screw		2	0	0
10	CP09-78	Frame	NOP-S	1	0	0
11	CP09-03	Frame	OP-S	1	0	0
12	CP09-71	Eccentric Pin		2	0	0
13	125-775	Screw		2	0	0
14	125-765	Screw		1	0	0
15	125-710	Screw		4	0	0
16	180-105	Lock Washer		8	0	0
17	CP09-22	Pin		2	0	0
18	CP09-23	Spring		2	0	0
19	183-141	Roll Pin		4	0	0
20	CP09-76	Bracket		2	0	0
21	CP09-60	Hose	15 ϕ	1	0	0
22	H06-35-01-3	Knob		2	0	0
23	CP09-89	Meshed Roller		1	0	0
24	122-306.01	Screw		4	0	0
25	5203-09021	Bracket		2	0	0
26	5203-09020	Bushing		2	0	0
27	5203-09024	Spring		2	0	0
28	CP09-86	Tray		1	0	0
29	CP09-11	Cam Shaft		1	0	0
30	CP09-09	Cam		2	0	0
31	145-458	Set Screw		2	0	0
32	CP09-55A	Lever	NOP-S	1	0	0
33	183-184	Roll Pin		1	0	0
34	125-665	Screw		4	0	0
35	180-104	Lock Washer		4	0	0
36	CP09-24	Block		2	0	0
37	170-104	Nut		2	0	0
38	101-420	Screw		2	0	0
39	122-112	Screw		6	0	0
40	CP09-37	Lever Bracket		1	0	0
41	CP09-38	Shaft		1	0	0
42	CP09-39	Knob		1	0	0
43	145-358	Set Screw		1	0	0
44	180-106	Lock Washer		8	0	0
45	CP09-36	Cam		1	0	0
46	183-185	Roll Pin		1	0	0
47	183-249	Roll Pin		1	0	0
48	170-106	Nut		1	0	0
49	CP09-48	Pin		1	0	0
50	CP09-54	Link		1	0	0
51	CP09-42	Bolt		1	0	0
52	CP09-52	Pin		1	0	0
53	181-404	E-Ring		2	0	0
54	CP09-31	Spring		1	0	0
55	X01-14-3	Spacer		1	0	0
56	H18-12-3	Piston		1	0	0
57	CP09-44A	Valve Assy		1	0	0
58	CP09-63	Stopper		1	0	0
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63	125-705	Screw		4	0	0
64	CP09-98	Bracket	NOP-S	1	0	0
65	122-056	Screw		4	0	0
66	CP09-97	Bracket	OPS	1	0	0
67	CP09-65A	Roller		1	0	0
68	181-405	E-Ring		2	0	0
69	CP09-87	Tray Support		1	0	0
70	CP09-25	Stud Pin		1	0	0



N2056

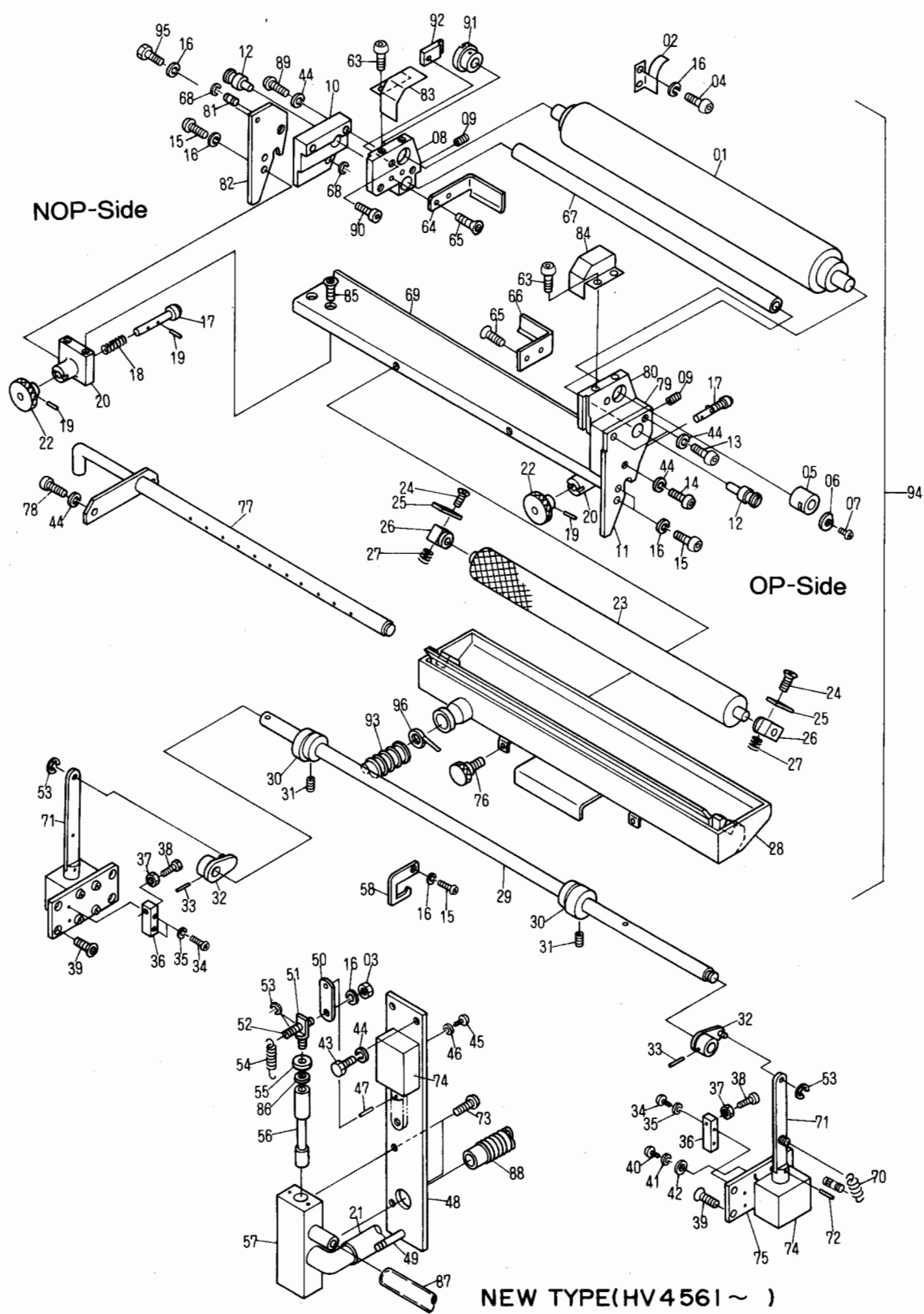
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Blanket Cleaner

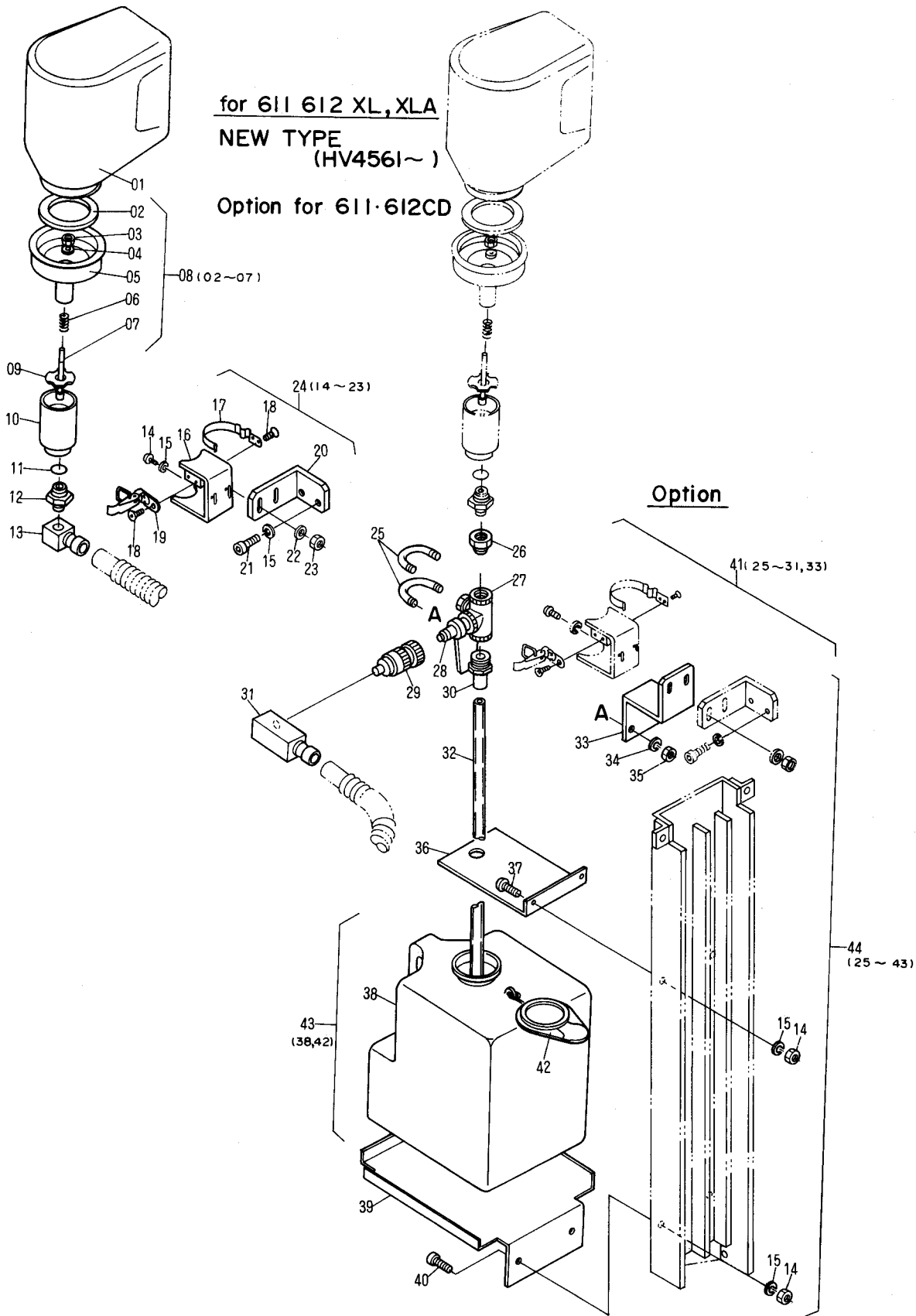
N2057

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CP09-88	Roller		0	1	1
02	CP09-58	Stopper		0	1	1
03	170-105	Nut		0	1	1
04	125-706	Screw		0	2	2
05	CP09-69	Bushing	OP-S	0	1	1
06	123-18-3	Retaining Washer	OP-S	0	1	1
07	125-708	Screw		0	1	1
08	CP09-94	Bracket	NOP-S	0	1	1
09	145-360	Set Screw		0	2	2
10	CP09-78	Block	NOP-S	0	1	1
11	CP09-03	Frame	OP-S	0	1	1
12	CP09-71	Eccentric Pin		0	2	2
13	125-775	Screw		0	2	2
14	125-765	Screw		0	1	1
15	125-710	Screw		0	5	5
16	180-105	Lock Washer		0	10	10
17	CP09-22	Pin		0	2	2
18	CP09-23	Spring		0	2	2
19	183-141	RollPin		0	4	4
20	CP09-76	Bracket		0	2	2
21	CP09-59	Hose		0	1	1
22	H06-35-01-3	Knob		0	2	2
23	CP09-89	Meshed Roller	Included in 92	0	1	1
24	122-306.01	Screw	Included in 92	0	4	4
25	5203-09021	Bracket	Included in 92	0	2	2
26	5203-09020	Bushing	Included in 92	0	2	2
27	5203-09024	Spring	Included in 92	0	2	2
28	CP09-86	Solvent Tray		0	1	1
29	CP09-10	Cam Shaft		0	1	1
30	CP09-09	Cam		0	2	2
31	145-458	Set Screw		0	2	2
32	CP09-29A	Lever		0	2	2
33	183-184	Roll Pin		0	2	2
34	125-665	Screw		0	4	4
35	180-104	Lock Washer		0	4	4
36	CP09-24	Block		0	2	2
37	170-104	Nut		0	2	2
38	101-420	Screw		0	2	2
39	122-112	Screw		0	6	6
40	125-608	Screw		0	8	8
41	180-103	Lock Washer		0	8	8
42	184-103	Flat Washer		0	8	8
43	101-366	Screw		0	2	2
44	180-106	Lock Washer		0	8	8
45	125-610	Screw		0	4	4
46	180-103	Lock Washer		0	4	4
47	183-182	Roll Pin		0	1	1
48	CP09-41	Valve Plate		0	1	1
49	CP09-53	Pin		0	1	1
50	CP09-16	Plate		0	1	1
51	CP09-42	Bolt		0	1	1
52	CP09-15	Pin		0	1	1
53	181-404	E-Ring		0	4	4
54	KU-05	Spring		0	1	1
55	X01-14-3	Spacer		0	1	1
56	H18-12-3	Piston		0	1	1
57	CP09-56A	Valve Assy		0	1	1
58	CP09-63	Hose Bracket		0	1	1
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63	125-705	Screw		0	4	4
64	CP09-98	Bracket	NOP-S	0	1	1
65	122-056	Hose Screw		0	4	4
66	CP09-97	Bracket	OP-S	0	1	1
67	CP09-65A	Roller		0	1	1
68	181-405	E-Ring		0	2	2
69	CP09-87	Tray Support		0	1	1
70	CP09-31	Spring		0	1	1



N2057

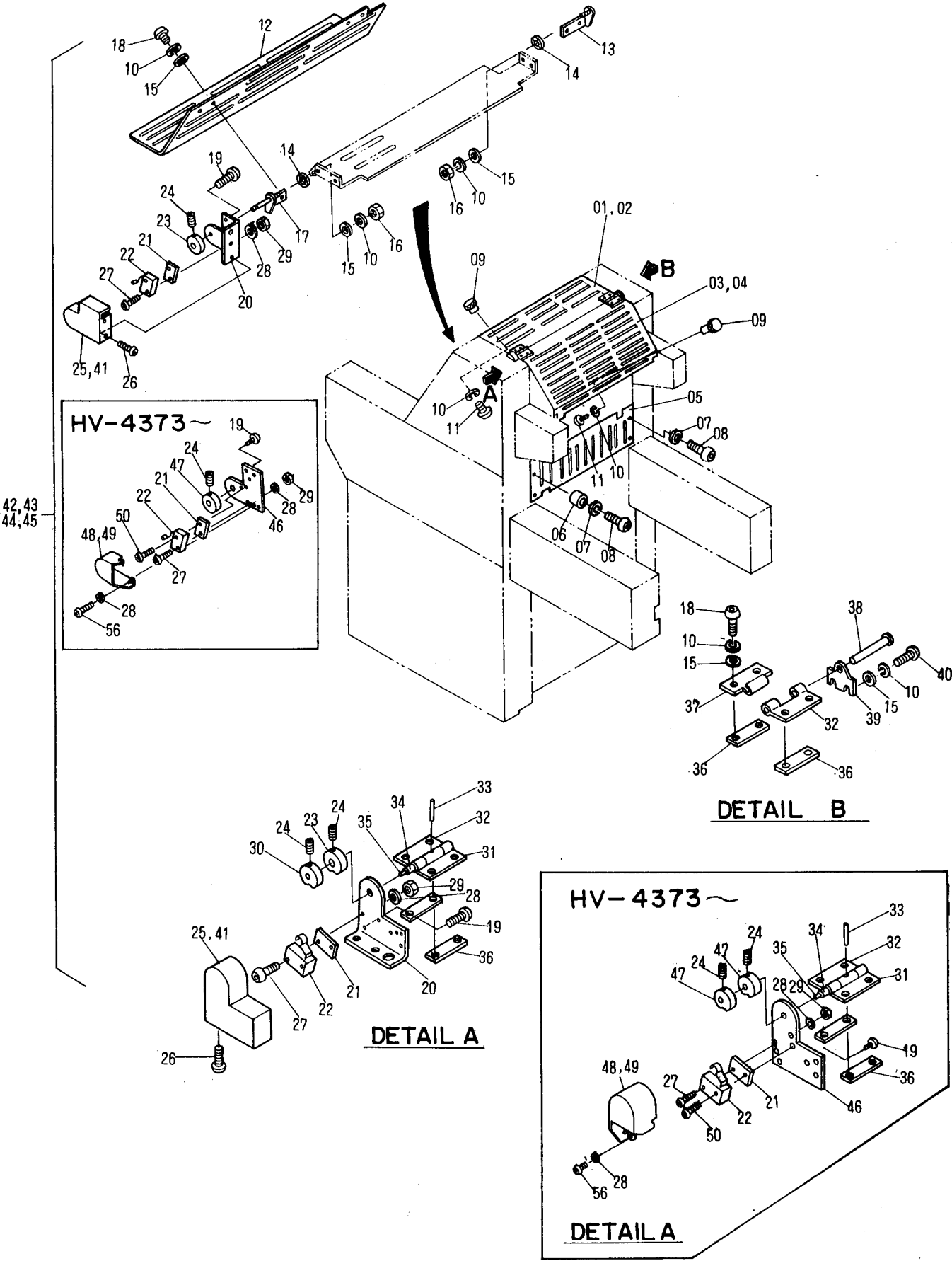
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Blanket Cleaner (option)

N2058

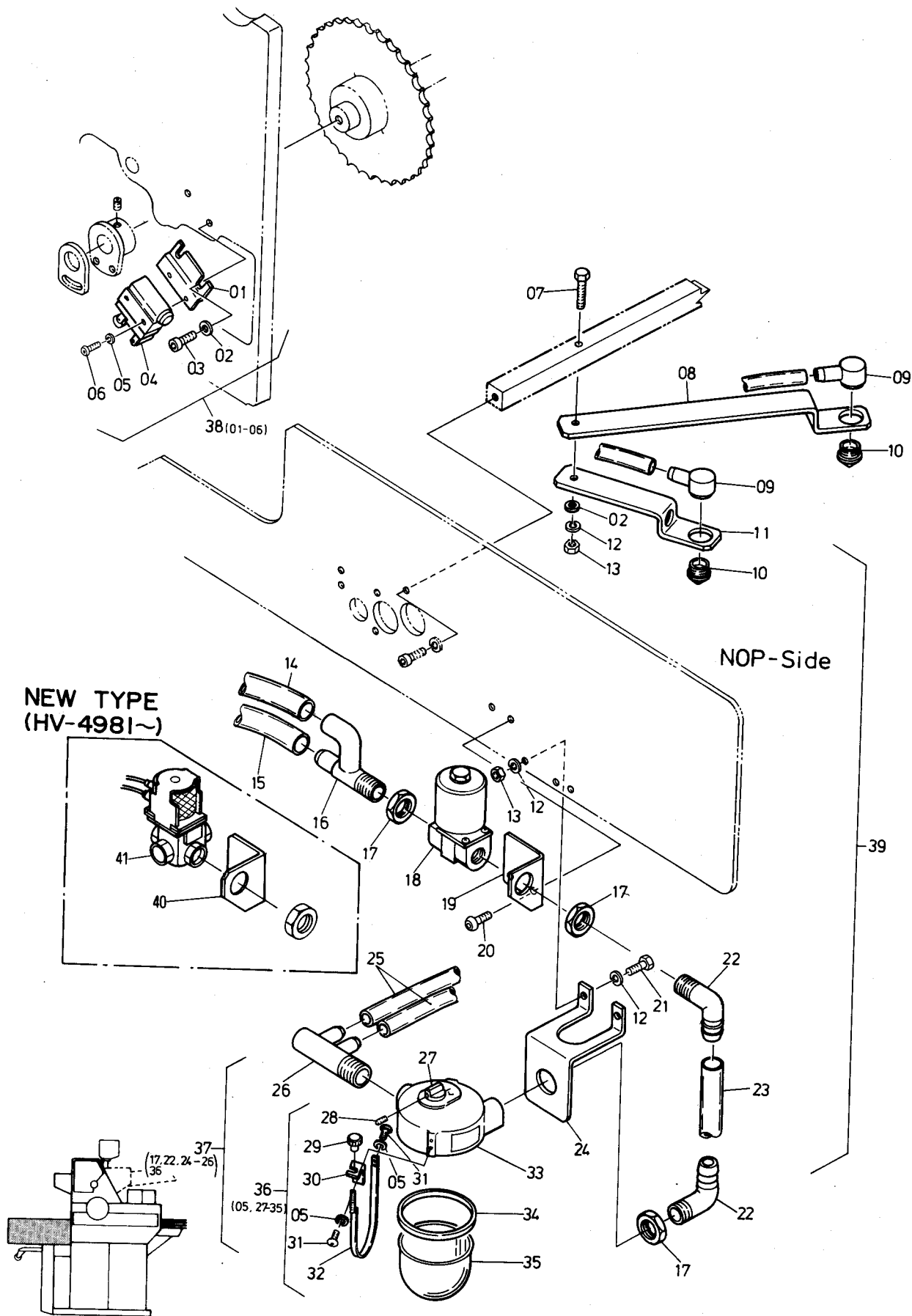
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	X18-18-3	Blanket Cleaner Bottle		1	1	1
02	X18-15-3	Packing		1	1	1
03	R03-25-3	Nut		1	1	1
04	R03-23-3	Valve		1	1	1
05	R03-19-3	Valve Cap		1	1	1
06	R03-24-3	Valve Spring		1	1	1
07	R03-22-3	Valve Stem		1	1	1
08	X18-15-1A-3	Blanket Cleaner Bottle Assy (02 ~ 07)		1	1	1
09	WF-46	Stopper		1	1	1
10	WF-45	Cup		1	1	1
11	324-308	O-Ring		1	1	1
12	CP09-93	Joint		1	1	1
13	CP09-92	Hose Joint		1	1	1
14	170-105	Nut		6	6	6
15	180-105	Lock Washer		8	8	8
16	R51-89-3	Bottle Bracket		1	1	1
17	WF-40-1A	Band		1	1	1
18	122-006	Screw		4	4	4
19	WF-39	Band Clip		1	1	1
20	CP09-91	Bracket		1	1	1
21	117-512	Screw		2	2	2
22	184-105	Flat Washer		2	2	2
23	101-516	Screw		2	2	2
24	CP09-91A	Bottle Bracket Assy (14 ~ 23)		1	1	1
25	5203-07063	U-Bolt		2	2	2
26	CP09-104	Bushing		1	1	1
27	5203-07061	Three-way Valve		1	1	1
28	CP09-103	Joint		1	1	1
29	5103-09104	Hose Joint		1	1	1
30	5203-07064	Hose Joint		1	1	1
31	CP09-102	Hose Joint		1	1	1
32	CP09-105	Hose	φ 10	1	1	1
33	CP09-99	Bracket		1	1	1
34	180-106	Lock Washer		2	2	2
35	170-106	Nut		2	2	2
36	CP09-100	Bracket		1	1	1
37	125-710	Screw		2	2	2
38	5205-01019	Drain Bottle		1	1	1
39	CP09-101	Bracket		1	1	1
40	117-510	Screw		2	2	2
41	CP09-99A	Bottle Bracket Assy (25 ~ 31, 33)		1	1	1
42	5205-01032	Bottle Cap		1	1	1
43	5205-01019C	Bottle Assy (38, 42)		1	1	1
44	CP09-101A	Wasted Solvent Bottle & Three-way Valve Assy (25 ~ 43)		1	1	1
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Upper-Side Cover (Option)

N2060

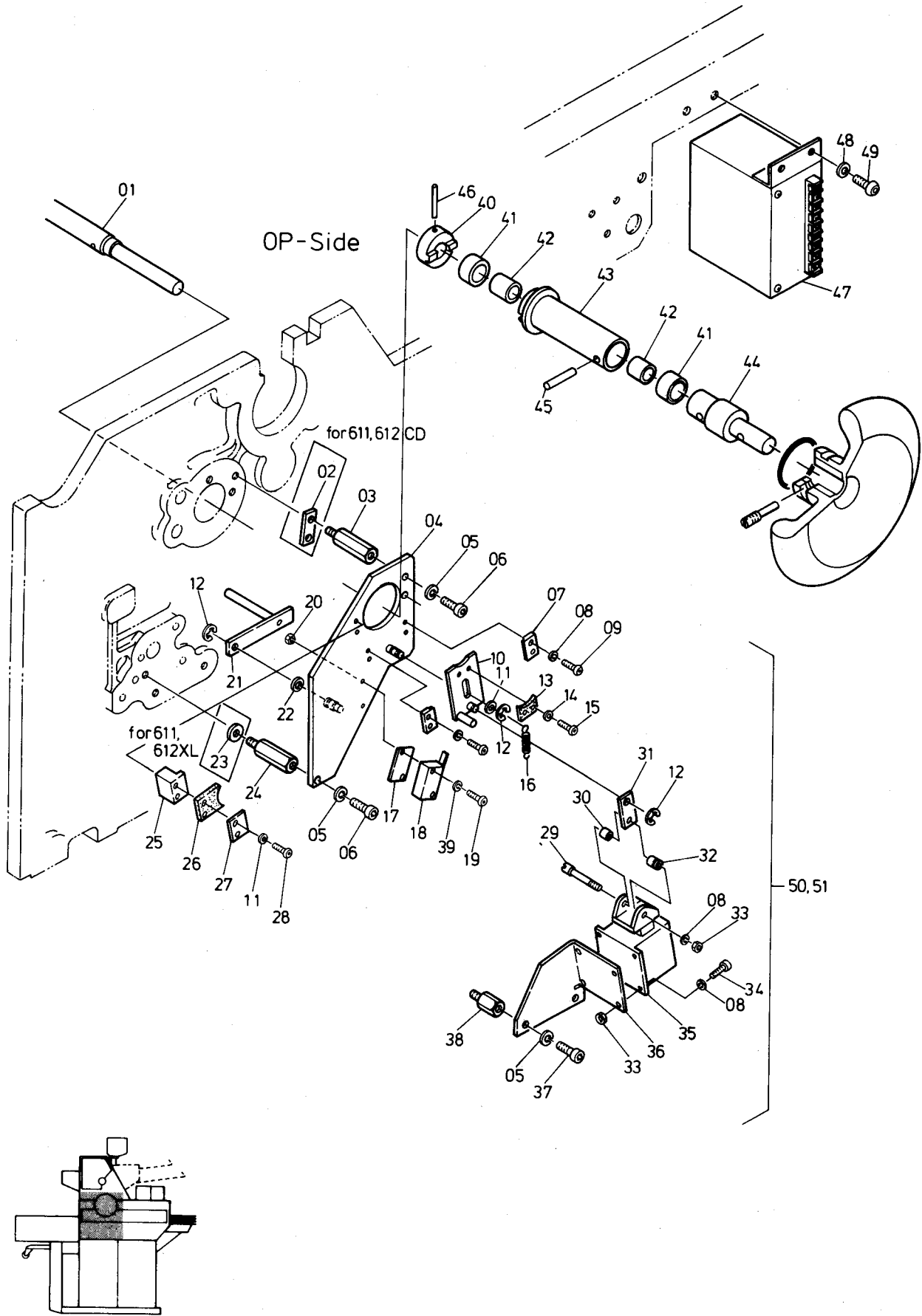
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK13-01	Dampening Roller Guard	for 611CD, 611XL	1	1	0
02	CK13-02	Dampening Roller Guard	for 612CD, 612XL	1	1	0
03	CK13-03	Ink Roller Guard	for 611CD, XL, XLA	1	1	1
04	CK13-04	Ink Roller Guard	for 612CD, XL, XLA	1	1	1
05	CK12-35	Fixed Guard Panel		1	1	1
06	CK12-36	Spacer		3	3	3
07	184-104	Flat Washer		4	4	4
08	125-660	Screw		4	4	4
09	129-32-3	Knob		2	2	2
10	180-105	Lock Washer		18	18	12
11	125-710	Screw		2	2	2
12	CK13-05	Cylinder Guard		1	1	0
13	CK13-18A	Hinge	OP-S	1	1	0
14	180-176	Wave Washer		2	2	0
15	184-105	Flat Washer		16	16	10
16	170-105	Nut		2	2	0
17	CK13-17A	Hinge	NOP-S	1	1	0
18	125-708	Screw		12	12	8
19	125-718	Screw		2	2	0
20	CK13-13	Hinge Bracket		2	2	0
21	CK13-15	Safety Switch Base		2	2	1
22	E10-29-3	Safety Switch		2	2	1
23	CK13-11	Microswitch Operating Cam		2	2	1
24	145-408	Set Screw		3	3	2
25	CK13-14	Cover		0	2	1
26	125-705	Screw		4	4	2
27	125-620	Screw		2	2	0
28	180-103	Lock Washer		2	2	0
29	170-103	Nut		2	2	0
30	CK13-12	Microswitch Operating Cam		1	1	1
31	CK13-10	Hinge		1	1	1
32	G09-07-3	Hinge		2	2	2
33	183-148	Roll Pin		1	1	1
34	CK13-08	Pin		1	1	1
35	CK13-07	Pin		1	1	1
36	CK13-06	Nut		4	4	4
37	G09-08-3	Hinge		1	1	1
38	G09-09-3	Hinge Pin		1	1	1
39	CK13-21	Hinge Bracket		1	1	1
40	125-712	Screw		2	2	2
41	CH10-07	Cover		2	0	0
42	CK13-01B	Safety Cover Assy	for 611CD	1	0	0
43	CK13-01C	Safety Cover Assy	for 611XL	0	1	0
44	CK13-02B	Safety Cover Assy	for 612CD	1	0	0
45	CK13-20C	Safety Cover Assy	for 612XL	0	1	0
46	CK13-27	Hinge Bracket		2	2	0
47	CK13-26	Micro Switch Operating Cam		2	2	1
48	CK13-28	Cover	HV-4373~ for 611/612XL, XLA for 611/612CD	0	2	1
49	CK13-29	Cover		2	0	0
50	125-618	Screw		2	2	0
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56	125-605	Screw		4	4	2
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Spray Bottle (Option)

N2061

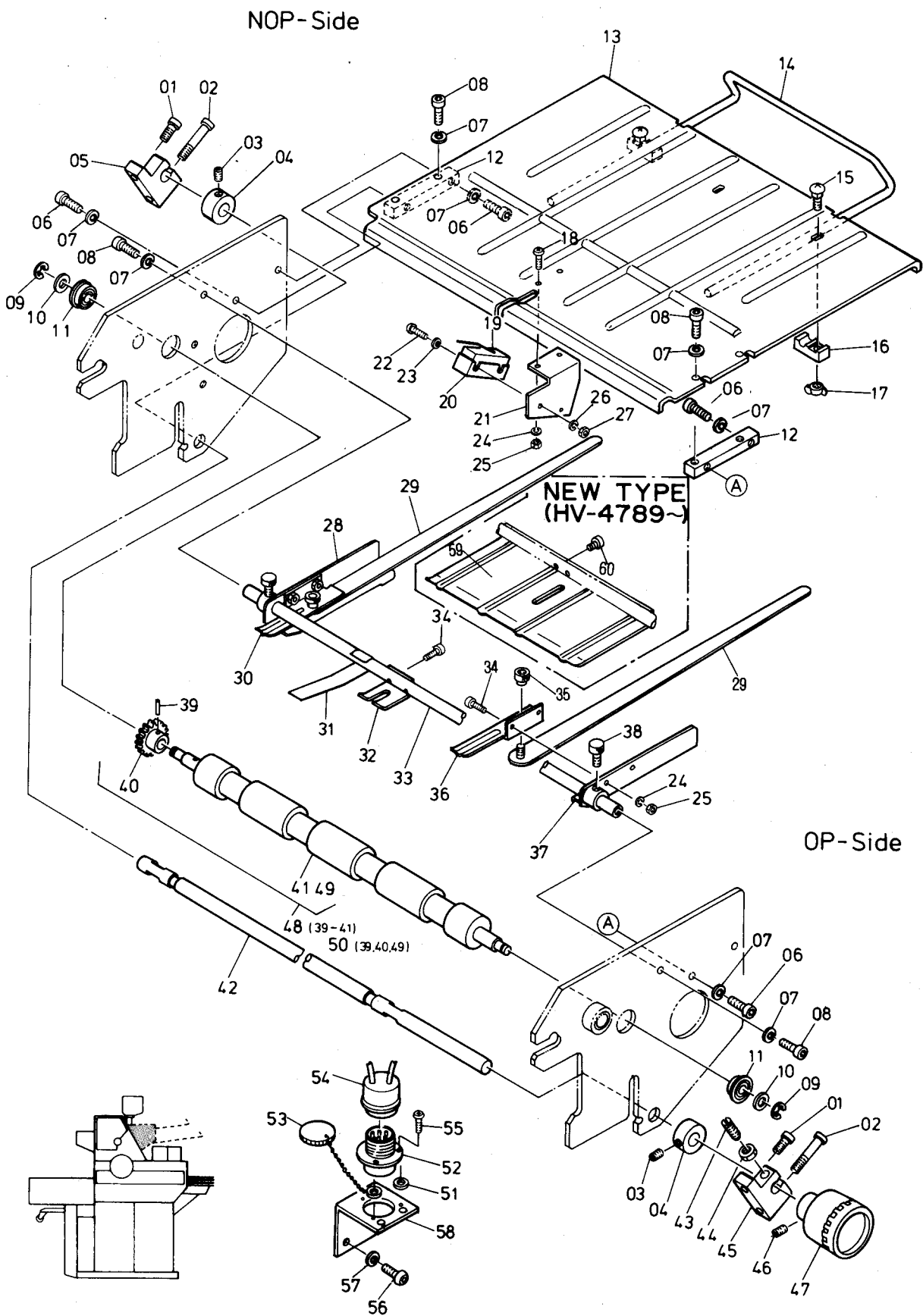
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CK18-12	Limit Switch Bracket		1	1	1
02	184-106	Flat Washer		3	3	3
03	117-360	Screw		2	2	2
04	E10-20-3	Limit Switch		1	1	1
05	180-104	Lock Washer		6	6	6
06	125-675	Screw		2	2	2
07	101-381	Screw		1	1	1
08	CH06-13	Long Sprayer		1	1	1
09	CH06-03	Elbow		2	2	2
10	A07-37-3	Jet		2	2	2
11	CH06-12	Short Sprayer		1	1	1
12	180-106	Lock Washer		5	5	5
13	170-106	Nut		3	3	3
14	CH06-19	Hose		1	1	1
15	CH06-20	Hose		1	1	1
16	CH06-17	Elbow		1	1	1
17	DS-05	Nut		3	3	3
18	E09-27-3	Valve	~ HV-4980	1	1	1
19	CH06-09	Valve Bracket	~ HV-4980	1	1	1
20	125-758	Screw		2	2	2
21	101-360	Screw		1	1	1
22	DS-04	Elbow		2	2	2
23	CH06-05	Hose		1	1	1
24	CH06-10	Bracket		1	1	1
25	CH06-06	Hose		2	2	2
26	CH06-02	Joint		1	1	1
27	H13-14-3	Adjusting Knob		1	1	1
28	145-410	Screw		1	1	1
29	A07-26-3	Clamp Knob		1	1	1
30	A07-24-01-3	Holding Plate		1	1	1
31	125-658	Screw		4	4	4
32	A07-25-3	Clamp for Bottle		1	1	1
33	A07-16-0B-3	Bottle Top		1	1	1
34	A07-20-3	Packing		1	1	1
35	A07-19-3	Spray Bottle		1	1	1
36	A07-16-4A-3	Spray Bottle Assy	(05, 27 ~ 35)	1	1	1
37	CH06-10A	Spray Bottle Assy	(17, 22, 24 ~ 26, 36)	1	1	1
38	CK18-12A	Spray Timing Switch Assy	(01 ~ 06)	1	1	1
39	CH06-09B	Spray Bottle Assy		1	1	1
40	CH06-26	Valve Bracket	HV-4981 ~	1	1	1
41	E09-43-3	Valve	HV-4981 ~	1	1	1
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Hand Wheel Stop System (Option)

N2062

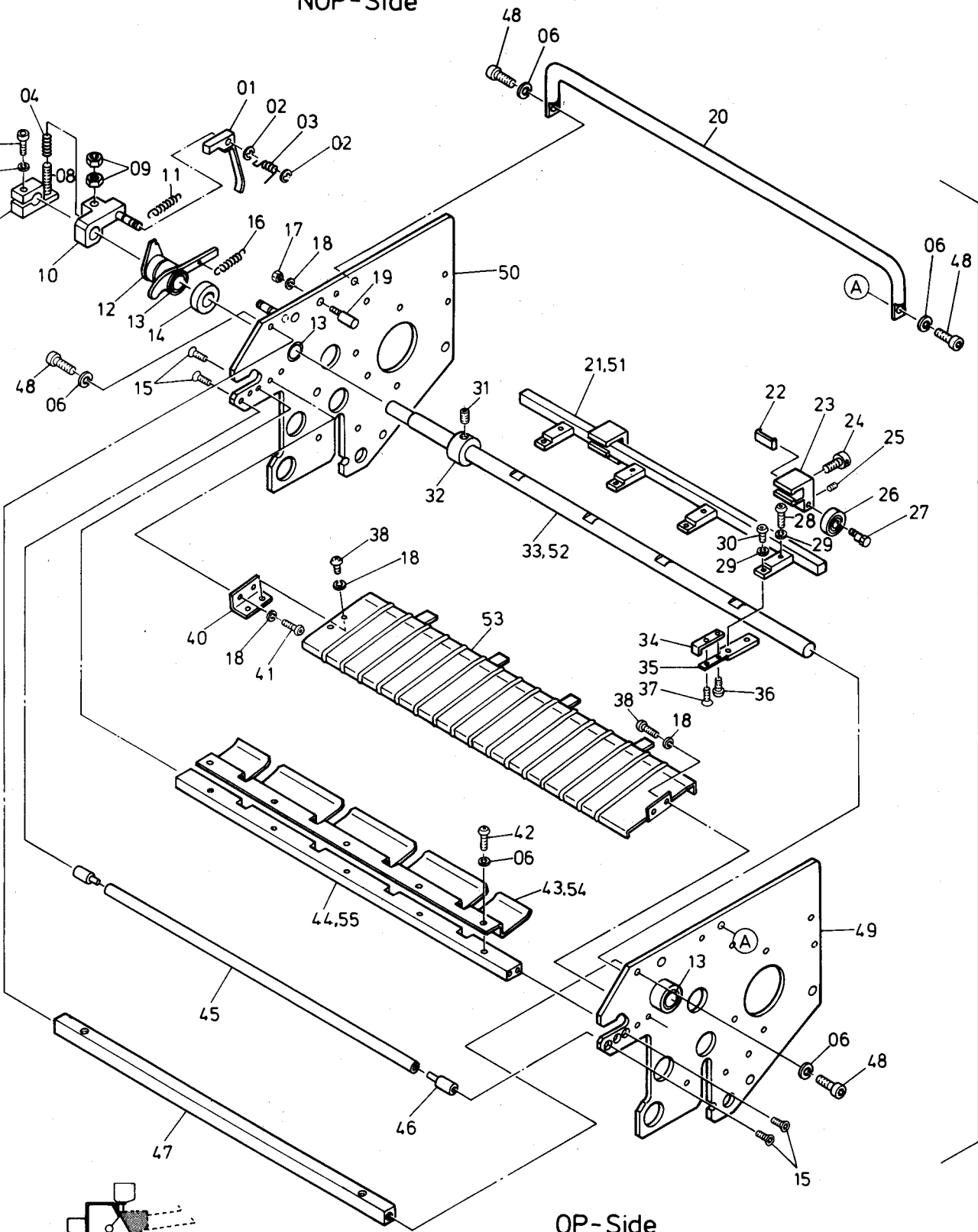
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	CM07-01	Drive Shaft		1	1	0
02	CM07-15	Spacer		1	0	0
03	CM07-04	Stud Pin		2	2	0
04	CM07-02A	Base Plate		1	1	0
05	180-106	Lock Washer		5	5	0
06	117-365	Screw		3	3	0
07	CM07-12	Guide Bracket		2	2	0
08	180-104	Lock Washer		9	9	0
09	125-658	Screw		4	4	0
10	CM07-05A	Plate		1	1	0
11	184-104	Flat Washer		3	3	0
12	181-404	E-Ring		3	3	0
13	M10-13-3	Rubber		1	1	0
14	184-103	Flat Washer		2	2	0
15	125-608	Screw		2	2	0
16	X51-44-3	Spring		1	1	0
17	CK13-15	Spacer		1	1	0
18	E10-30-3	Limit Switch		1	1	0
19	125-630	Screw		2	2	0
20	170-103	Nut		2	2	0
21	CM07-11A	Lever		1	1	0
22	X04-24-3	Spacer		1	1	0
23	I26-16-3	Spacer		0	1	0
24	CM07-03	Stud Pin		1	1	0
25	M10-05-3	Bracket		1	1	0
26	CM07-19	Rubber		1	1	0
27	CM07-20	Plate		1	1	0
28	125-380	Screw		2	2	0
29	CM07-10	Pin		1	1	0
30	X05-65-3	Spacer		1	1	0
31	CM07-06	Link		1	1	0
32	CM07-17	Spacer		1	1	0
33	170-104	Nut		5	5	0
34	117-410	Screw		4	4	0
35	E09-02-02-3	Solenoid		1	1	0
36	CM07-07	Solenoid Bracket		1	1	0
37	117-362	Screw		2	2	0
38	CM07-08	Stud Pin		2	2	0
39	180-103	Lock Washer		2	2	0
40	M10-17-3	Clutch		1	1	0
41	M10-07-3	Bearing	Included in 43	2	2	0
42	M10-06-3	Inner Race		2	2	0
43	CM07-13A	Clutch		1	1	0
44	CM07-14	Clutch Shaft		1	1	0
45	183-229	Roll Pin		1	1	0
46	183-209	Roll Pin		1	1	0
47	E50-64-1A-3	Control Box		1	1	0
48	180-105	Lock Washer		2	2	0
49	125-710	Screw		2	2	0
50	CM07-01B	Hand Wheel Stop System Assy		0	1	0
51	CM07-01C	Hand Wheel Stop System Assy		1	0	0
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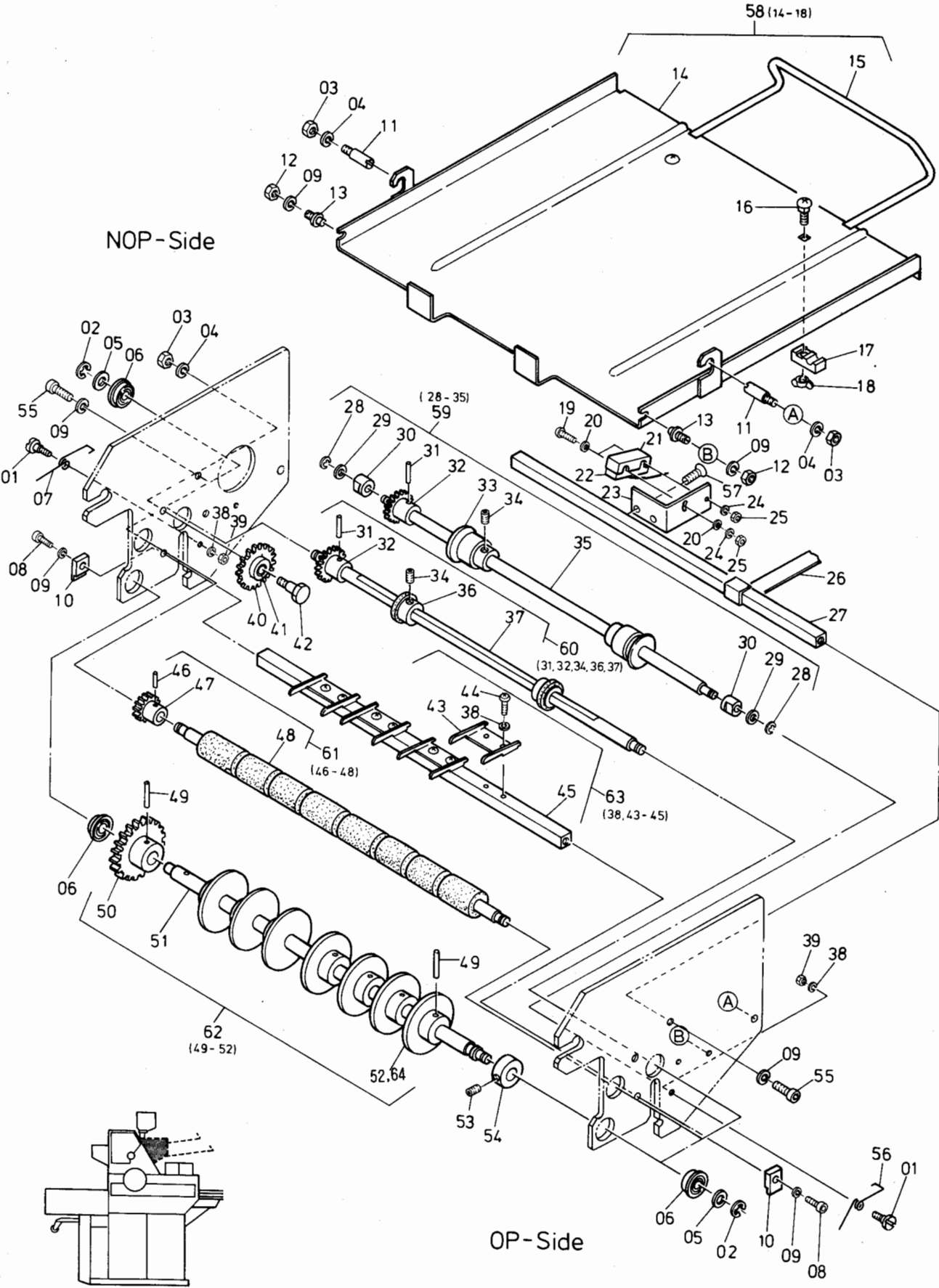
NOP-Side



OP-Side

N2071

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Loding Device Section (for XLA)

N2072

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	X52-25-3	Shoulder Screw		0	0	2
02	181-406.01	E-Ring		0	0	5
03	170-106.01	Nut		0	0	3
04	180-106.01	Lock Washer		0	0	3
05	184-108.01	Flat Washer		0	0	5
06	4808-06038	Bearing		0	0	6
07	4808-06036	Spring		0	0	1
08	117-515.01	Screw		0	0	2
09	180-105.01	Lock Washer		0	0	6
10	CP18-52	Spring Holder		0	0	2
11	A14-02-3	Stud Pin		0	0	2
12	170-105.01	Nut		0	0	2
13	4808-06028	Stud Pin		0	0	2
14	4810-22050	Eject Tray		0	0	1
15	4808-06034	Guide		0	0	1
16	H12-15-3	Screw		0	0	2
17	X54-14-3	Block		0	0	2
18	163-105	Wing Nut		0	0	2
19	125-680	Screw		0	0	2
20	184-104	Flat Washer		0	0	3
21	E25-04-3	Limit Switch Cover		0	0	1
22	E10-05-3	Limit Switch		0	0	1
23	4808-06043	Limit Switch Bracket		0	0	1
24	180-104	Lock Washer		0	0	2
25	170-104	Nut		0	0	2
26	5204-05008A	Paper Retainer		0	0	1
27	4808-01011	Cross Bar		0	0	1
28	181-404.01	E-Ring		0	0	2
29	184-106.01	Flat Washer		0	0	2
30	X02-38-3	Roller Bushing		0	0	2
31	183-185.01	Roll Pin		0	0	2
32	X54-09-3	Gear		0	0	2
33	4808-06009	Lower Eject Roller		0	0	2
34	145-508.01	Set Screw		0	0	4
35	4808-06002	Lower Eject Roller Shaft		0	0	1
36	4808-06010	Upper Eject Roller		0	0	2
37	4808-06001	Upper Eject Roller Shaft		0	0	1
38	180-104.01	Lock Washer		0	0	10
39	170-104.01	Nut		0	0	2
40	4808-06007A	Idle Gear		0	0	1
41	243-612	Bushing	Included in 40	0	0	1
42	X02-41-3	Idle Gear Stud		0	0	1
43	4808-06037	Guide Bridge		0	0	4
44	125-106.01	Screw		0	0	8
45	4808-01009	Cross Bar		0	0	1
46	183-183.01	Roll Pin		0	0	1
47	4808-06006	Gear		0	0	1
48	4808-06044	Eject Guide Roller		0	0	1
49	183-207.01	Roll Pin		0	0	8
50	4808-06005	Gear		0	0	1
51	4808-06003	Eject Guide Roller Shaft		0	0	1
52	4808-06004	Eject Guide Roller	~ HV-5092	0	0	7
53	145-356.01	Set Screw		0	0	1
54	A04-29-3	Collar		0	0	1
55	117-512.01	Screw		0	0	2
56	4808-06035	Spring		0	0	1
57	122-510.01	Screw		0	0	2
58	4810-22050A	Eject Tray Assy (14 ~ 18)		0	0	1
59	4808-06002B	Lower Eject Roller Assy (28 ~ 35)		0	0	1
60	4808-06001A	Upper Eject Roller Assy (31, 32, 34, 36, 37)		0	0	1
61	4808-06044	Eject Guide Roller Assy (46 ~ 48)		0	0	1
62	4808-06003A	Eject Guide Roller Assy (50 ~ 52)		0	0	1
63	4808-01009A	Cross Bar and Guide Bridge Assy (38, 43 ~ 45)		0	0	1
64	5108-06029	Eject Guide Roller	HV-5093	0	0	7

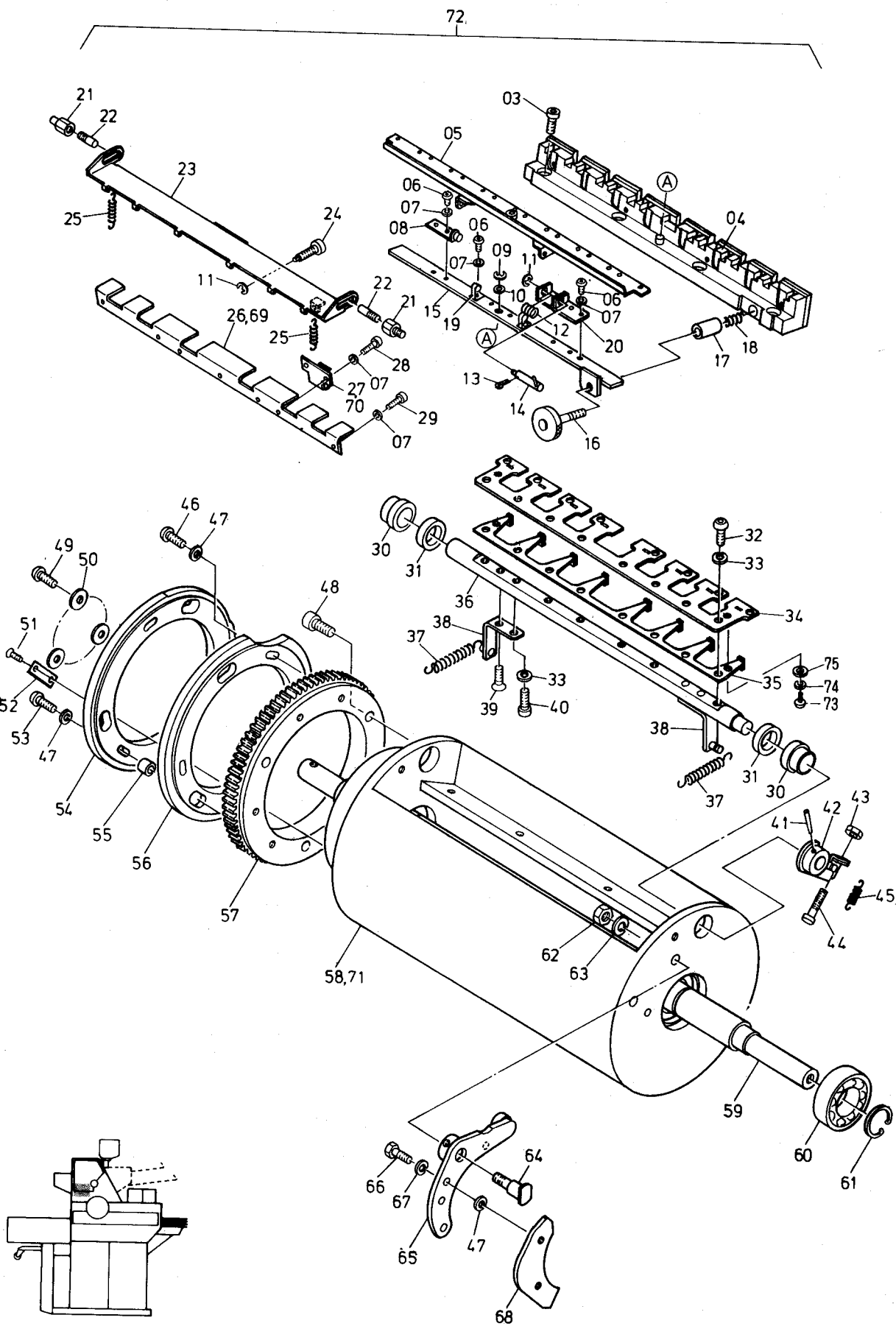
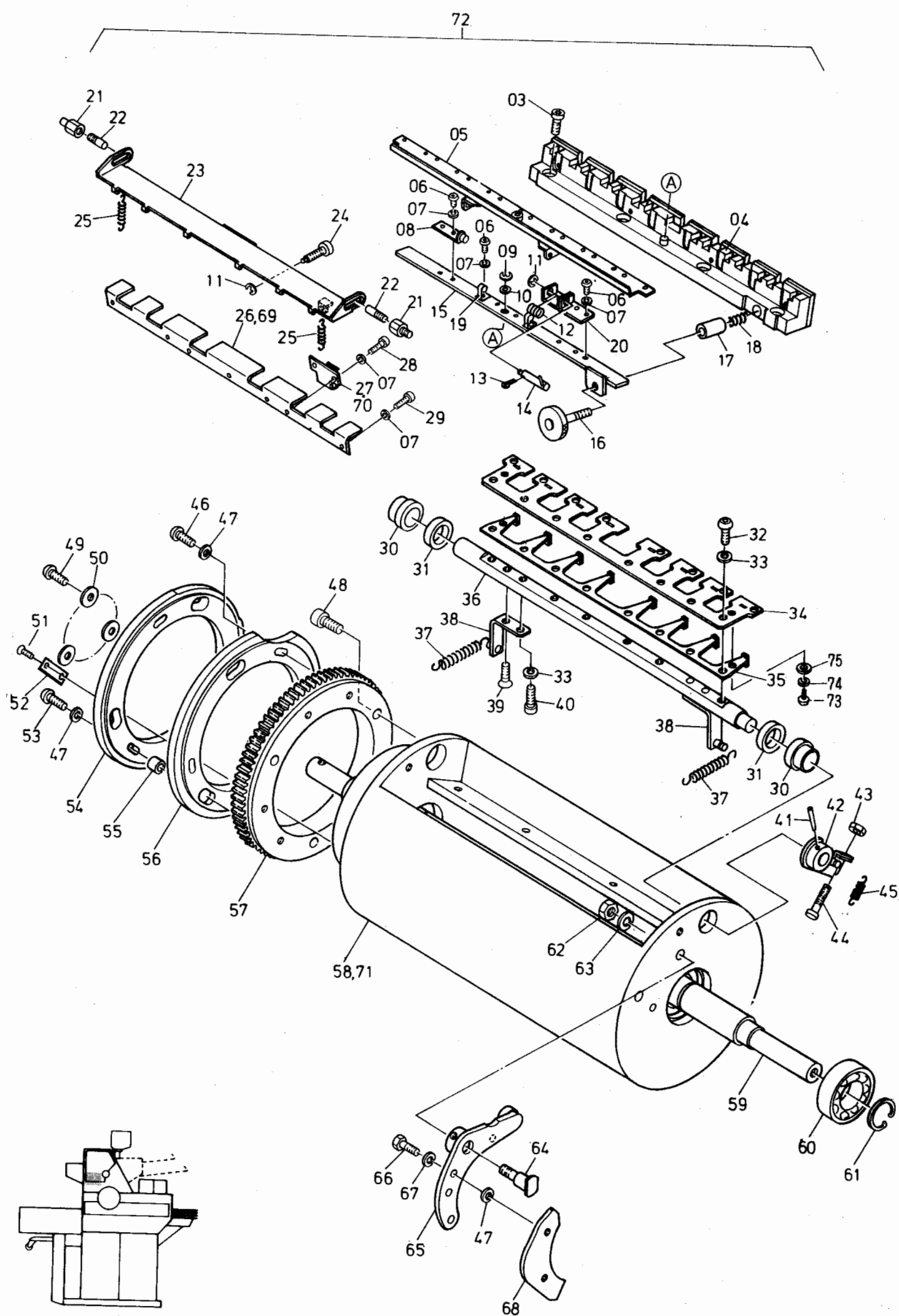


Plate Cylinder (for XLA)

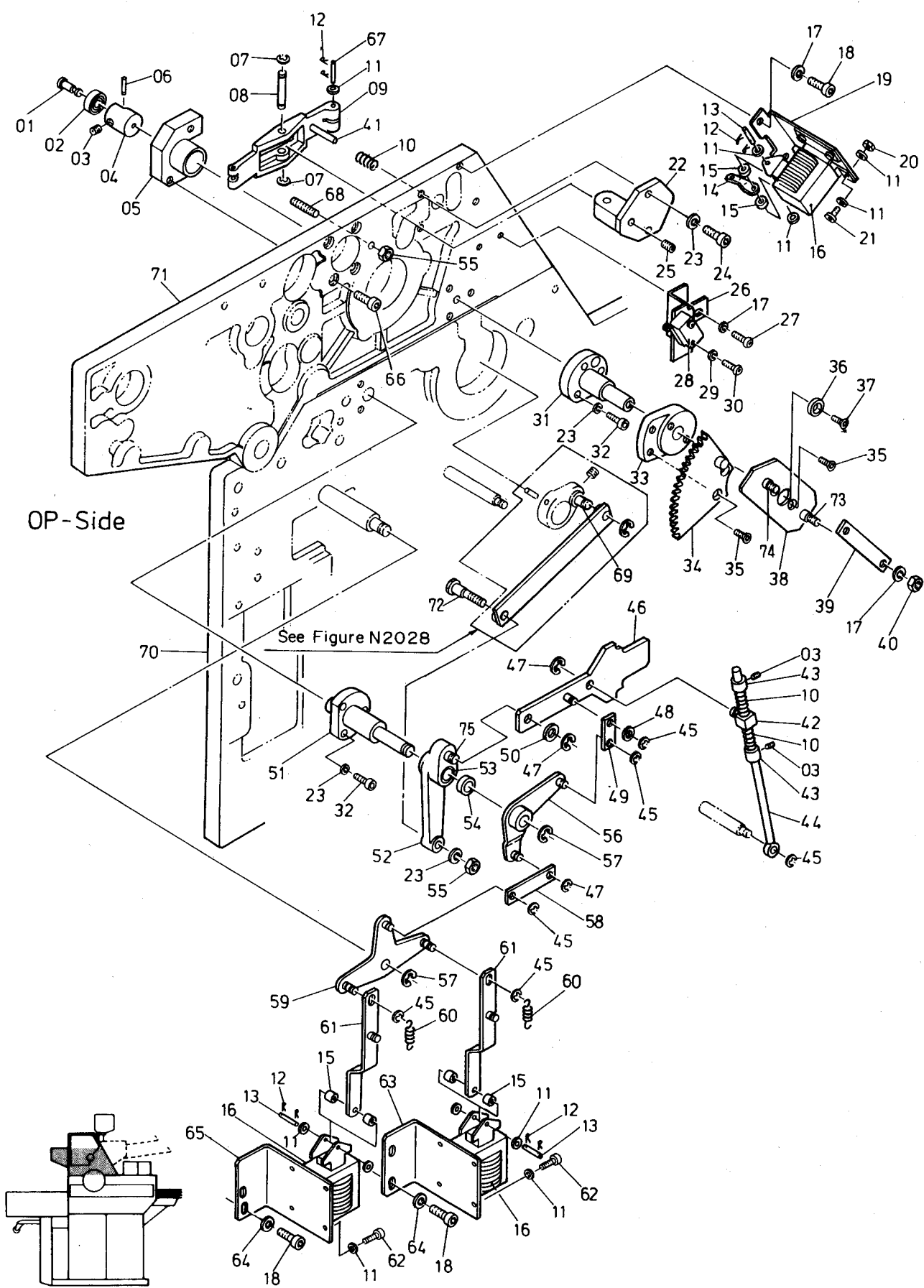
N2073

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01						
02						
03	117-370.01	Screw		0	0	4
04	4808-04011A	Gripper Anvil		0	0	1
05	4808-04037A	Pin Bar Clamp		0	0	1
06	125-106.01	Screw		0	0	7
07	180-104.01	Lock Washer		0	0	11
08	4808-04016A	Bracket		0	0	1
09	181-404.01	E-Ring		0	0	1
10	184-106.01	Flat Washer		0	0	1
11	181-403.01	E-Ring		0	0	3
12	4808-04048	Spring		0	0	1
13	183-743.01	Roll Pin		0	0	1
14	4808-04015A	Pin		0	0	1
15	4808-04013	Plate		0	0	1
16	4808-04020	Screw Knob		0	0	1
17	4808-04021	Collar		0	0	1
18	142-12-3	Spring		0	0	1
19	4808-04019	Stopper		0	0	2
20	4808-04018	Bracket		0	0	1
21	5201-06060	Stud Pin		0	0	2
22	119-32-3	Pin		0	0	2
23	4808-04025A	Guide Plate		0	0	1
24	X55-56-3	Adjusting Screw		0	0	2
25	5201-06086	Spring		0	0	2
26	4808-04024	Support Plate	~ HV-3843	0	0	1
27	4808-04028	Stopper	~ HV-3843	0	0	2
28	117-412.01	Screw		0	0	4
29	117-408.01	Screw		0	0	2
30	4808-04007	Bushing		0	0	2
31	4808-04008	Collar		0	0	2
32	125-710	Screw		0	0	8
33	180-105	Lock Washer		0	0	10
34	4808-04009	Gripper Finger		0	0	1
35	4808-04010	Stopper		0	0	1
36	4808-04006	Gripper Shaft		0	0	1
37	X04-14-01-3	Spring		0	0	2
38	4808-04023A	Spring Hook Bracket		0	0	2
39	122-510	Screw		0	0	2
40	117-510	Screw		0	0	2
41	182-146	Taper Pin		0	0	1
42	4808-04030A	Operating Arm for Gripper		0	0	1
43	170-106	Nut		0	0	1
44	4808-04031	Screw		0	0	1
45	X02-17-3	Spring		0	0	1
46	125-768	Screw		0	0	3
47	184-106	Flat Washer		0	0	8
48	117-472	Screw		0	0	3
49	125-708	Screw		0	0	3
50	4808-04040	Flat Washer		0	0	3
51	122-060	Screw		0	0	2
52	4808-07030	Plate		0	0	1
53	125-772	Screw		0	0	3
54	4808-04005	Loading Cam Band		0	0	1
55	4808-04036	Collar		0	0	3
56	4808-04004	Eject Cam Band		0	0	1
57	4808-04003	Plate Cylinder Gear		0	0	1
58	4808-04001	Plate Cylinder	~ HV-3843	0	0	1
59	4808-04002	Plate Cylinder Shaft		0	0	1
60	M22-02-3	Bearing		0	0	2
61	181-025	C-Ring		0	0	1
62	170-108.01	Nut		0	0	1
63	180-108.01	Lock Washer		0	0	1
64	4808-04032	Stud Pin		0	0	1
65	4808-04026B	Operating Arm		0	0	1
66	101-360	Screw		0	0	2
67	180-106	Lock Washer		0	0	2
68	4808-04033	Cam		0	0	1
69	4808-04043	Support Plate	HV-3897 ~	0	0	1
70	4808-04044	Stopper	HV-3897 ~	0	0	2
71	4808-04045	Plate Cylinder	HV-3897 ~	0	0	1
72	4808-04045A	Plate Cylinder Assy		0	0	1



N2073

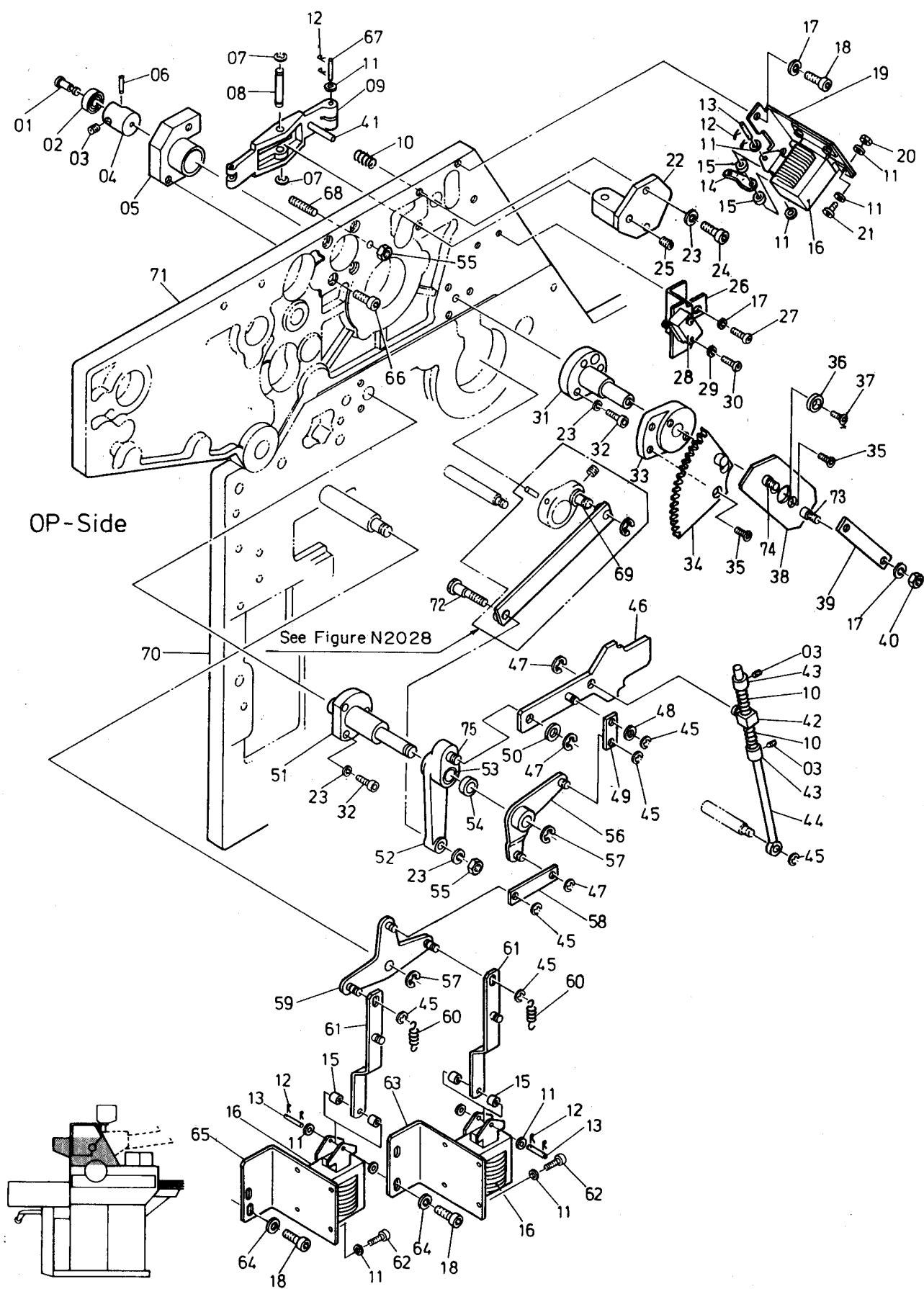
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**Inking Section
Relative Parts for OP-Side Frame (for XLA)**

N2074

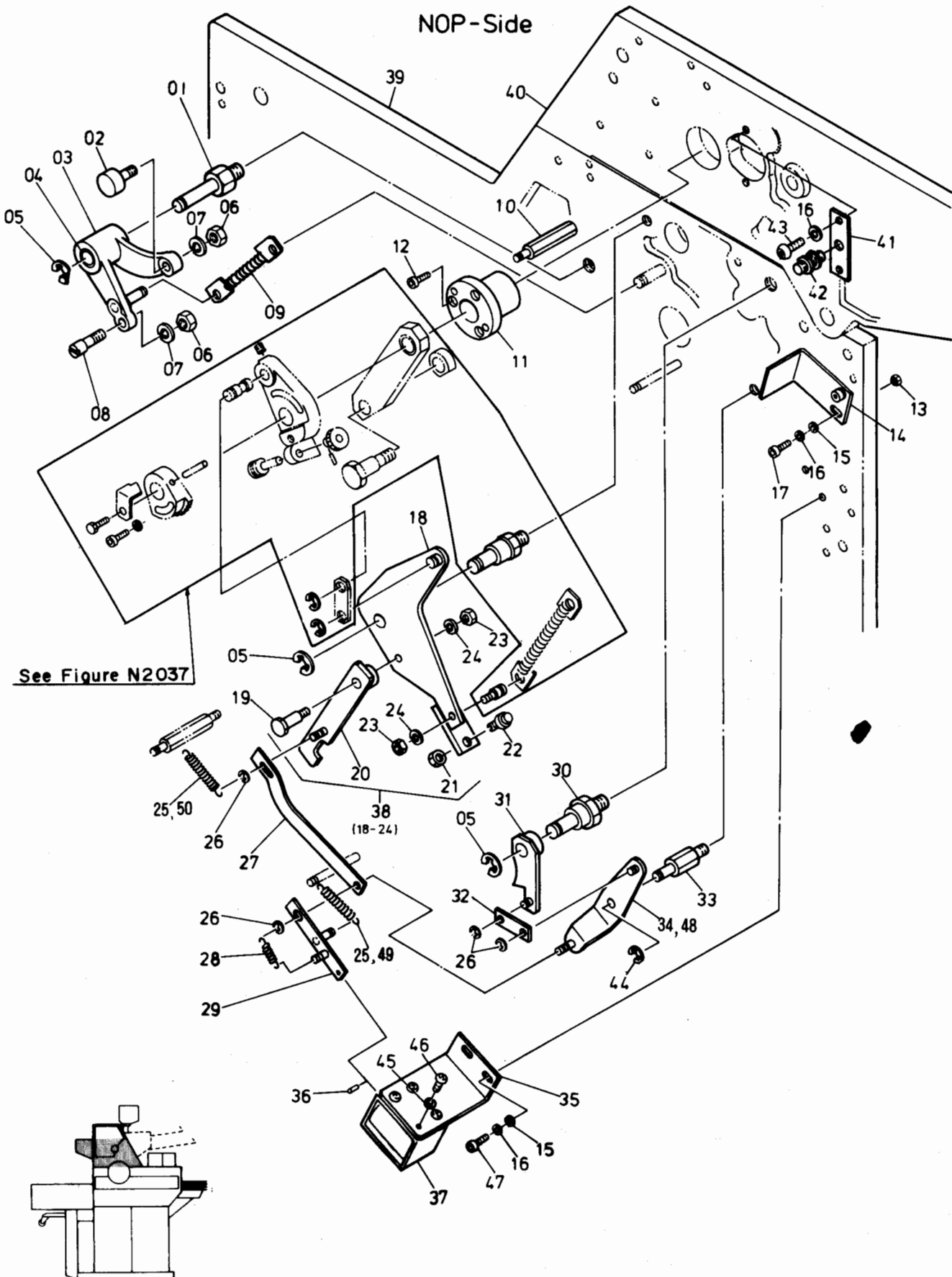
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	4808-07022	Pin		0	0	1
02	250-126.6	Bearing		0	0	1
03	145-506	Set Screw		0	0	3
04	4808-07062	Block		0	0	1
05	4808-07063	Bracket		0	0	1
06	183-183	Roll Pin		0	0	1
07	181-405	E-Ring		0	0	2
08	A04-47-3	Pin		0	0	1
09	4808-07061	Lever		0	0	1
10	H37-52-3	Spring		0	0	3
11	184-104	Flat Washer		0	0	24
12	183-743	Cotter Pin		0	0	8
13	H03-37-3	Pin		0	0	3
14	4808-07024	Link		0	0	1
15	H03-36-3	Collar		0	0	6
16	E09-02-02-3	Solenoid		0	0	3
17	180-105	Lock Washer		0	0	6
18	117-512	Screw		0	0	6
19	4808-07019	Solenoid Bracket		0	0	1
20	170-104	Nut		0	0	4
21	117-410	Screw		0	0	4
22	4808-07021	Bracket		0	0	1
23	180-106	Lock Washer		0	0	9
24	117-365	Screw		0	0	2
25	145-508	Set Screw		0	0	1
26	4808-07045	Limit Switch Bracket		0	0	1
27	125-710	Screw		0	0	2
28	E10-31-3	Limit Switch		0	0	1
29	180-103	Lock Washer		0	0	2
30	125-615	Screw		0	0	2
31	4808-07012	Pivot Stud		0	0	1
32	117-368	Screw		0	0	6
33	4808-07013	Bracket		0	0	1
34	4808-07011A	Sector Gear		0	0	1
35	122-112	Screw		0	0	4
36	4808-07044	Washer		0	0	1
37	122-108	Screw		0	0	1
38	4808-07040A	Plate		0	0	1
39	4808-07041	Link		0	0	1
40	170-105	Nut		0	0	2
41	183-223	Pin		0	0	1
42	4808-07043	Pin		0	0	1
43	MC11-19	Collar		0	0	2
44	4808-07060	Single Lever Operating Rod		0	0	1
45	181-404	E-Ring		0	0	7
46	4808-07039A	Control Plate		0	0	1
47	181-406	E-Ring		0	0	1
48	184-106	Flat Washer		0	0	1
49	4808-07034	Link		0	0	1
50	184-108	Flat Washer		0	0	1
51	4808-07006	Pivot Stud		0	0	1
52	4808-07005A	Lever		0	0	1
53	243-615	Bushing	Included in 52	0	0	1
54	4808-07007	Collar		0	0	1
55	170-106	Nut		0	0	2
56	4808-07008A	Lever		0	0	1
57	181-408	E-Ring		0	0	2
58	4808-07035	Connecting Link		0	0	1
59	4808-07014A	Drive Lever		0	0	1
60	4808-07070	Spring		0	0	2
61	4808-07016A	Connecting Lever		0	0	2
62	117-406	Screw		0	0	8
63	4808-07018	Limit Switch Bracket		0	0	1
64	184-105	Flat Washer		0	0	4
65	4808-07038	Limit Switch Bracket		0	0	1
66	117-520	Screw		0	0	3
67	X52-09-3	Pin		0	0	1
68	145-380	Screw		0	0	1
69	4808-07067	Pin		0	0	1
70	4808-01001A	Printing Head Frame	OP-S	0	0	1
71	4808-01003A	Inking System Frame	OP-S	0	0	1



N2074

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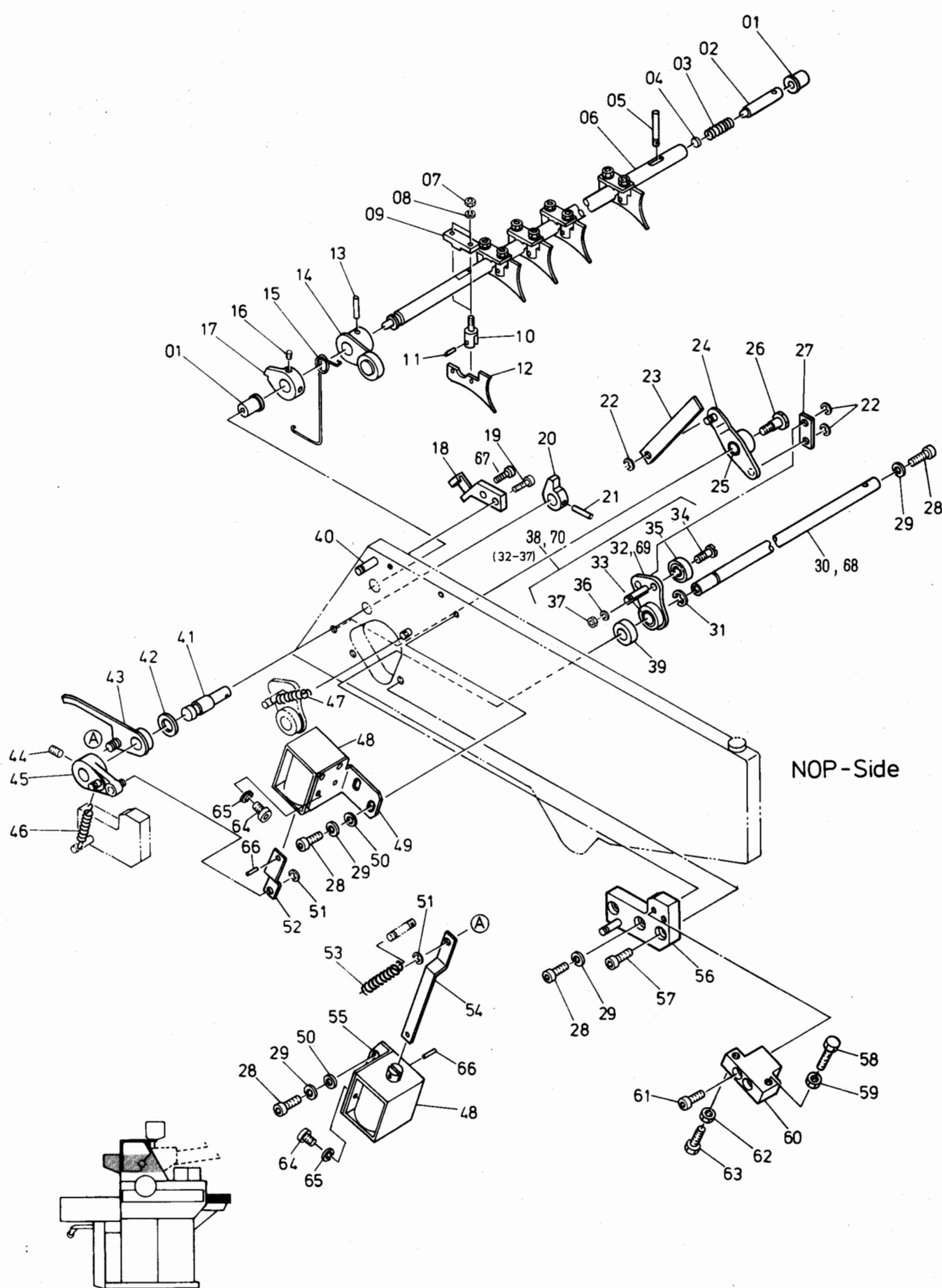
NOP-Side



**Press Section
Impression Lever (for XLA)**

N2075

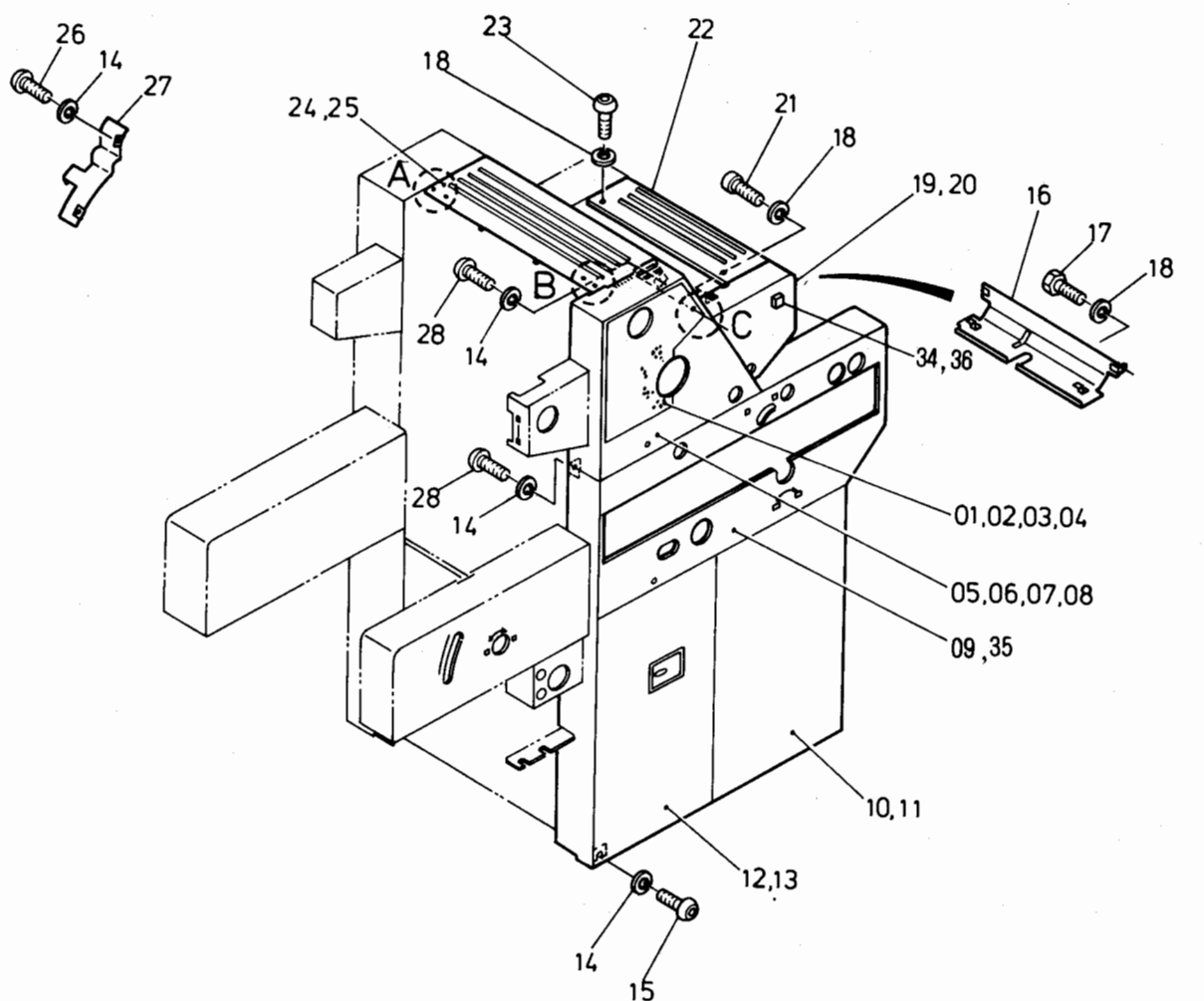
INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	4808-07055	Stud Pin		0	0	1
02	258-651.2	Bearing		0	0	1
03	4808-07052A	Lever		0	0	1
04	PC13-26	Bushing		0	0	2
05	181-410	E-Ring		0	0	4
06	170-108	Nut		0	0	2
07	180-108	Lock Washer		0	0	2
08	4808-07056	Pin		0	0	1
09	4808-07065A	Spring		0	0	1
10	4808-07050	Stud Pin		0	0	1
11	4808-04035	Plate Cylinder Shaft Bushing		0	0	1
12	117-510	Screw		0	0	3
13	170-105	Nut		0	0	2
14	4808-07059	Stopper Bracket		0	0	1
15	184-105	Flat Washer		0	0	4
16	180-105	Lock Washer		0	0	6
17	117-522	Screw		0	0	2
18	4808-07046A	Impression Lever		0	0	1
19	I22-53-3	Shoulder Screw		0	0	1
20	4808-07051A	Lever		0	0	1
21	I18-60-3	Nut		0	0	1
22	M02-59-3	Adjustment Latch		0	0	1
23	170-106	Nut		0	0	2
24	180-106	Lock Washer		0	0	2
25	H08-13-3	Spring	~ HV-3802	0	0	2
26	181-404	E-Ring		0	0	4
27	4808-07048	Link		0	0	1
28	4808-07070	Spring		0	0	1
29	4808-07053	Link		0	0	1
30	CM11-07	Stud Pin		0	0	1
31	4808-07025A	Impression Lever		0	0	1
32	MC11-29	Link		0	0	1
33	CM11-05	Stud Pin		0	0	1
34	4808-07047A	Lever	~ HV-3802	0	0	1
35	4808-07049	Solenoid Bracket		0	0	1
36	183-203	Roll Pin		0	0	1
37	E09-39-3	Solenoid		0	0	1
38	4808-07046B	Impression Lever Assy		0	0	1
39	4808-01002A	Printing Head Frame	NOP-S	0	0	1
40	4808-01004A	Inking System Frame	NOP-S	0	0	1
41	4808-07031	Bracket		0	0	1
42	E26-37-3	Sensor		0	0	1
43	125-510	Screw		0	0	2
44	181-406	E-Ring		0	0	1
45	180-104	Lock Washer		0	0	4
46	125-662	Screw		0	0	4
47	117-525	Screw		0	0	2
48	4808-07078A	Impression Lever	HV-3823 ~	0	0	1
49	5202-02025	Spring	HV-3823 ~	0	0	1
50	KU-05	Spring	HV-3823 ~	0	0	1
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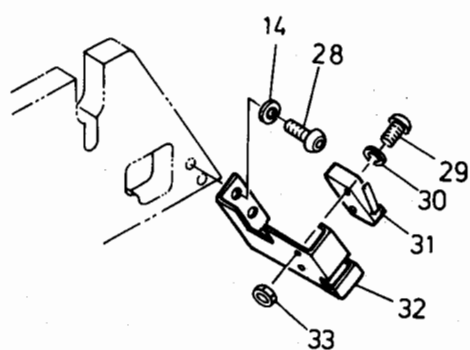
Ejection Device Section (for XLA)

N2076

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	4808-06017	Bushing		0	0	2
02	4808-06024	Pin		0	0	1
03	PP-41	Spring		0	0	1
04	M07-12-3	Spacer		0	0	1
05	M07-11-3	Pin		0	0	1
06	4808-06023	Eject Shaft		0	0	1
07	170-104.01	Nut		0	0	14
08	180-104.01	Lock Washer		0	0	14
09	4808-06025	Plate		0	0	7
10	4808-06026	Adjust Bolt		0	0	14
11	183-180.01	Roll Pin		0	0	14
12	4808-06027	Stripper		0	0	7
13	183-206.01	Roll Pin		0	0	1
14	4808-06019A	Lever		0	0	1
15	4808-06042	Spring		0	0	1
16	145-506.01	Set Screw		0	0	2
17	4808-06016	Lever		0	0	1
18	4808-06049	Bracket		0	0	1
19	117-512	Screw	~ HV-3678	0	0	2
20	4808-06032	Lever		0	0	1
21	183-185	Roll Pin		0	0	1
22	181-404.01	E-Ring		0	0	3
23	4808-06015	Link		0	0	1
24	4808-06047B	Lever		0	0	1
25	243-612	Bushing	Included in 24	0	0	1
26	4808-06048	Pin		0	0	1
27	4808-07034	Link		0	0	1
28	117-515	Screw		0	0	6
29	180-105	Lock Washer		0	0	6
30	4808-06022	Spreader	~ HV-4258	0	0	1
31	181-408.01	E-Ring		0	0	1
32	4808-06045B	Lever	~ HV-4258	0	0	1
33	243-614	Bushing	Included in 32, 69	0	0	1
34	4808-06021	Pin		0	0	1
35	250-126.6	Bearing		0	0	1
36	180-105.01	Lock Washer		0	0	1
37	170-105.01	Nut		0	0	1
38	4808-06045C	Lever Assy	(32 ~ 37)	0	0	1
39	PC18-56	Collar		0	0	1
40	4808-06050	Spring Pin		0	0	1
41	4808-06033	Pin		0	0	1
42	I23-54-3	Spacer		0	0	1
43	4808-06030A	Lever		0	0	1
44	145-506	Set Screw		0	0	1
45	4808-06031A	Lever		0	0	1
46	F27-36-3	Spring		0	0	1
47	4807-18043	Spring		0	0	1
48	E09-07-3	Solenoid		0	0	2
49	4808-06040	Solenoid Bracket		0	0	1
50	184-105	Flat Washer		0	0	2
51	181-404	E-Ring		0	0	2
52	4808-06041	Link		0	0	1
53	S25-88-3	Spring		0	0	1
54	4808-06012	Link		0	0	1
55	4808-06039	Solenoid Bracket		0	0	1
56	4808-06051A	Bracket		0	0	1
57	117-365	Screw		0	0	2
58	101-381	Screw		0	0	1
59	170-106	Nut		0	0	1
60	4808-06013	Block		0	0	1
61	117-531	Screw		0	0	2
62	170-105	Nut		0	0	1
63	101-525	Screw		0	0	1
64	117-408	Screw		0	0	8
65	180-104	Lock Washer		0	0	8
66	183-203	Roll Pin		0	0	2
67	122-112	Screw	HV-3679 ~	0	0	2
68	4808-06056	Spreader	HV-4356 ~	0	0	1
69	4808-06045E	Lever	HV-4356 ~	0	0	1
70	4808-06045F	Lever Assy	(33 ~ 37, 69) HV-4356 ~	0	0	1



DETAIL A,B See Figure N2060

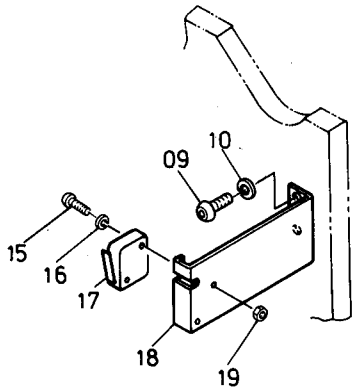
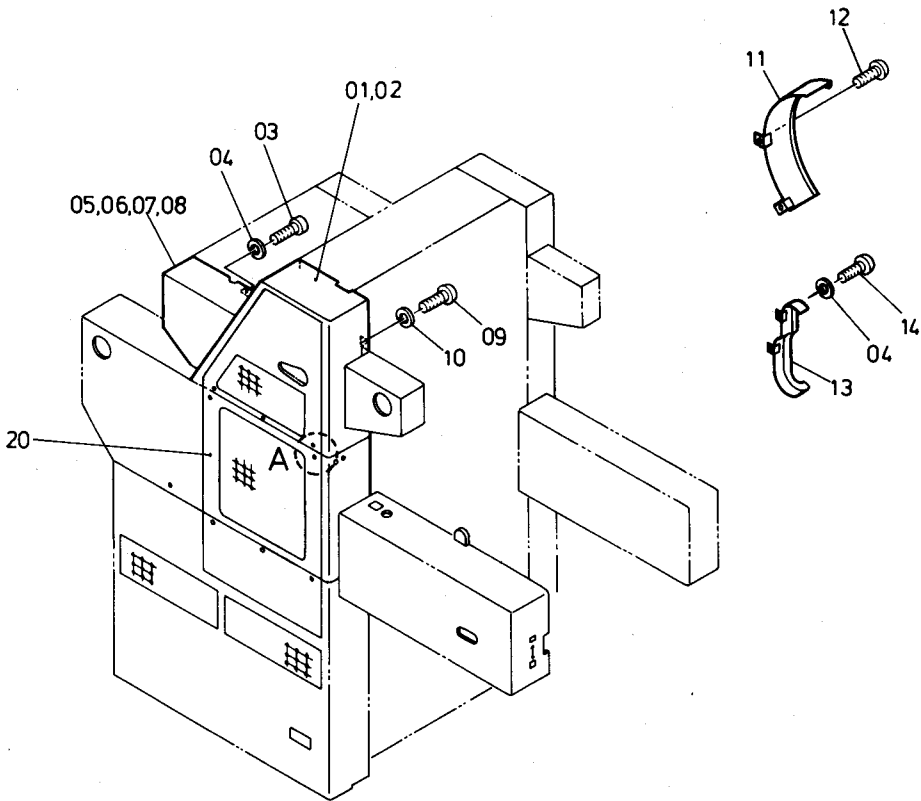


DETAIL C

Cover

N2077

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	4808-12016	Cover Panel	For 611XLA	0	0	1
02	4808-12019	Cover Panel (For CANADA/SOUTH AFRICA ONLY)	For 611XLA	0	0	1
03	4808-12017	Cover Panel	For 612XLA	0	0	1
04	4808-12020	Cover Panel (For CANADA/SOUTH AFRICA ONLY)	For 612XLA	0	0	1
05	4808-12002A	Cover Panel	For 611XLA	0	0	1
06	4808-12007A	Cover Panel (For CANADA/SOUTH AFRICA ONLY)	For 611XLA	0	0	1
07	4808-12003A	Cover Panel	For 612XLA	0	0	1
08	4808-12008A	Cover Panel (For CANADA/SOUTH AFRICA ONLY)	For 612XLA	0	0	1
09	4808-12001	Printing Head Cover Panel	~ HV-3982	0	0	1
10	4808-12030	Head Base Access Door		0	0	1
11	4808-12032	Head Base Access Door (For CANADA/SOUTH AFRICA ONLY)		0	0	1
12	4808-12031	Base Cover Panel		0	0	1
13	4808-12033	Base Cover Panel (For CANADA/SOUTH AFRICA ONLY)		0	0	1
14	180-105	Lock Washer		0	0	17
15	125-715	Screw		0	0	3
16	4808-12021	Cover		0	0	1
17	117-508.01	Screw		0	0	2
18	180-105.01	Lock Washer		0	0	6
19	4808-12010	Loading Cover		0	0	1
20	4808-12013	Loading Cover (For CANADA/SOUTH AFRICA ONLY)		0	0	1
21	117-510.01	Screw		0	0	2
22	4808-12022	Cover	Option	0	0	1
23	125-158.01	Screw		0	0	2
24	4808-12005	Dampening Roller Guard	For 611XLA, Option	0	0	1
25	4808-12006	Dampening Roller Guard	For 612XLA, Option	0	0	1
26	125-708	Screw		0	0	2
27	4808-12023	Gear Cover	For 612XLA	0	0	1
28	125-710	Screw		0	0	9
29	125-615	Screw		0	0	2
30	180-103	Lock Washer		0	0	2
31	E10-30-3	Limit Switch		0	0	1
32	4808-12027	Limit Switch Bracket		0	0	1
33	170-103	Nut		0	0	2
34	E13-78-06-3	Push Switch	LB 15SKS1	0	0	1
35	4808-12048	Printing Head Cover Panel	HV-3986 ~	0	0	1
36	E14-19-01-3	Green Lamp		0	0	1
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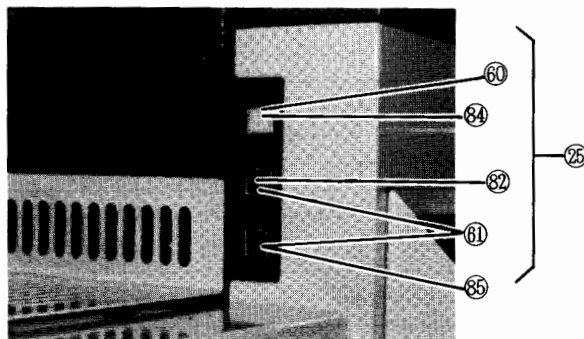
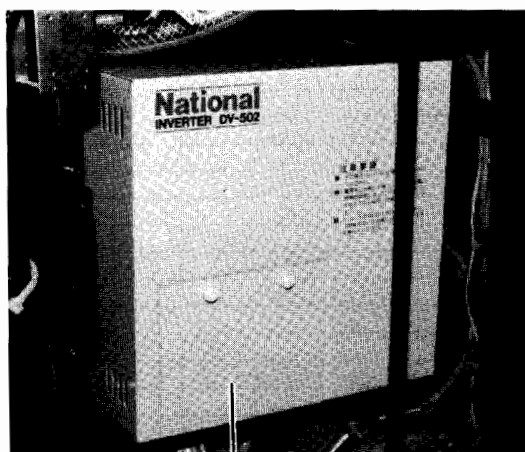
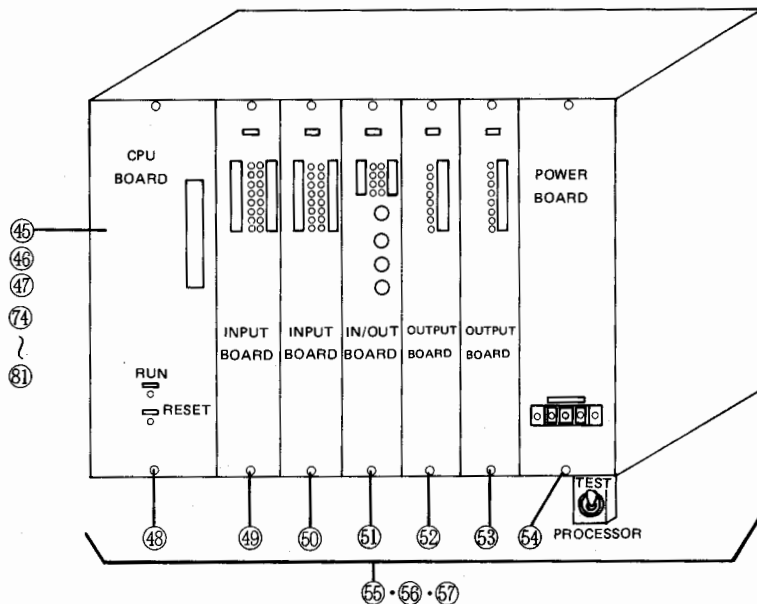
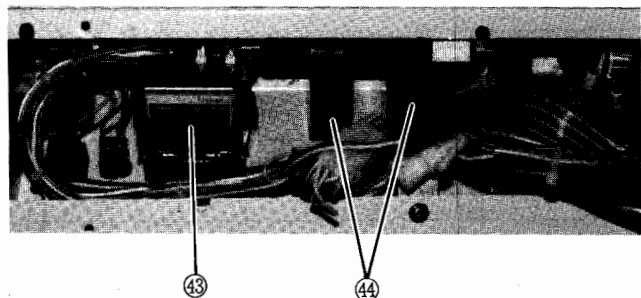
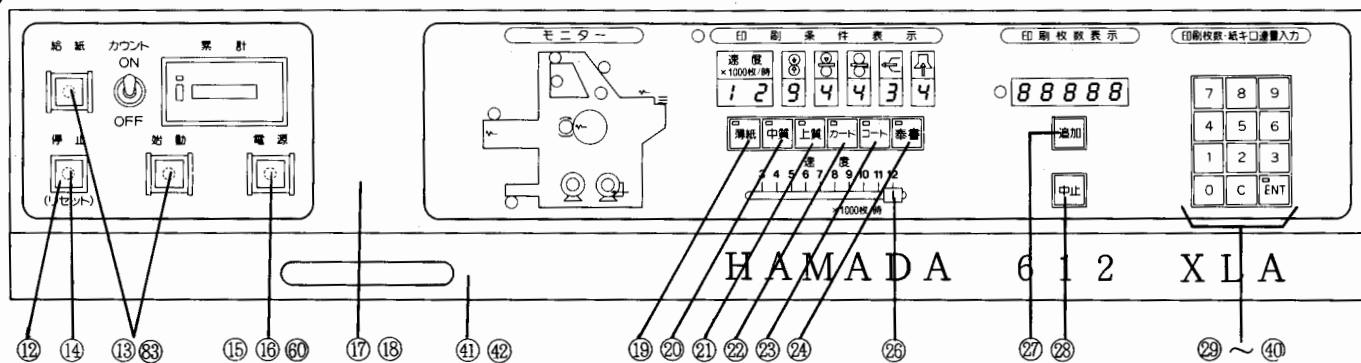
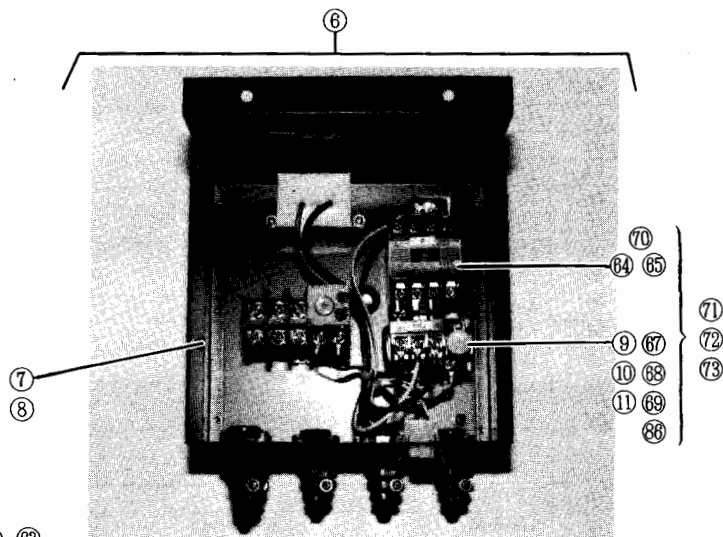
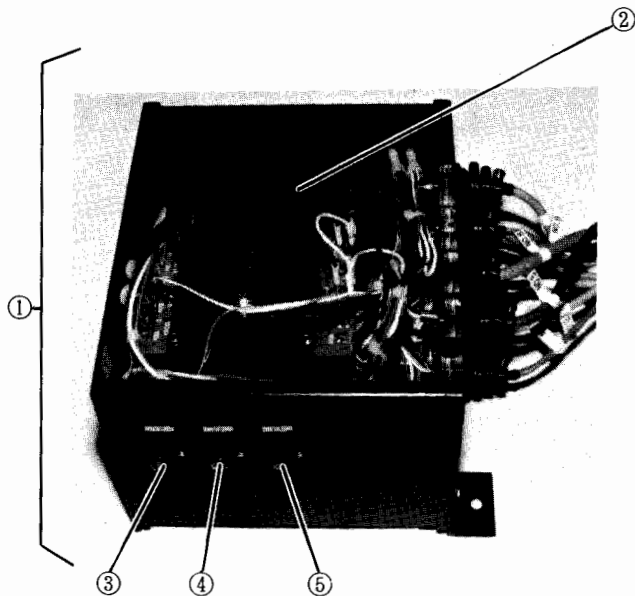


DETAIL A

Cover

N2078

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	4808-12004	Cover Plate		0	0	1
02	4808-12009	Cover Plate (For CANADA/SOUTH AFRICA ONLY)		0	0	1
03	117-510.01	Screw		0	0	2
04	180-105.01	Lock Washer		0	0	4
05	4808-12011	Loading Cover	For 611XLA	0	0	1
06	4808-12014	Loading Cover (For CANADA/SOUTH AFRICA ONLY)	For 611XLA	0	0	1
07	4808-12012	Loading Cover	For 612XLA	0	0	1
08	4808-12015	Loading Cover (For CANADA/SOUTH AFRICA ONLY)	For 612XLA	0	0	1
09	125-720	Screw		2	2	4
10	180-105	Lock Washer		2	2	4
11	4808-12024	Gear Cover		0	0	1
12	125-706	Screw		0	0	2
13	4808-12026	Gear Cover		0	0	1
14	125-158.01	Screw		0	0	2
15	125-615	Screw		2	2	2
16	180-103	Lock Washer		2	2	2
17	E10-30-3	Limit Switch		1	1	1
18	CK18-13	Limit Switch Bracket		1	1	1
19	170-103	Lock Washer		2	2	2
20	4808-12018	Cover		0	0	1
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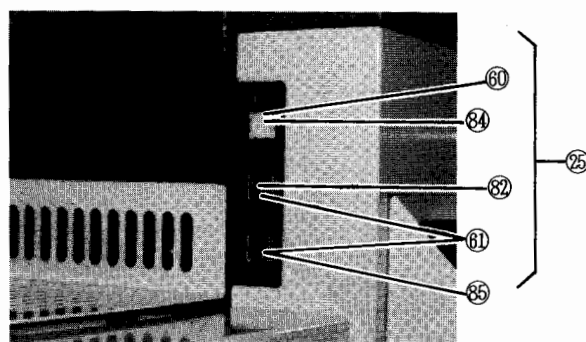
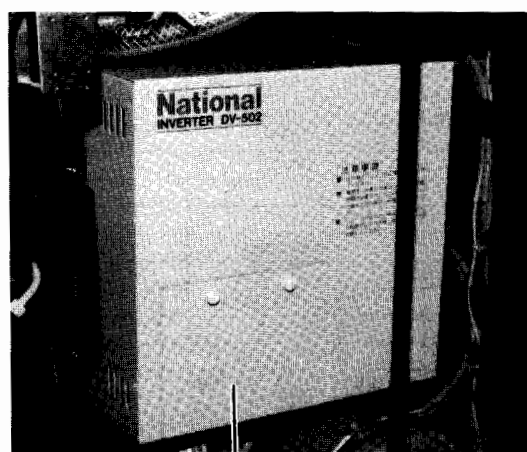
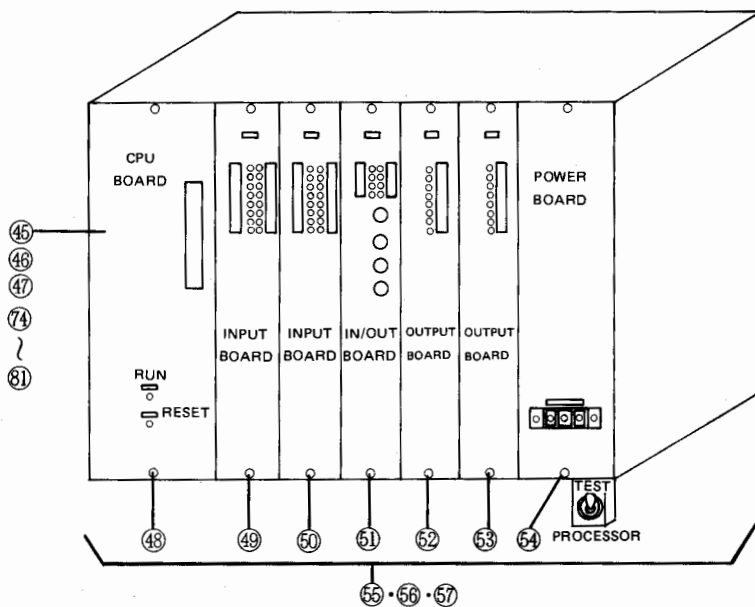
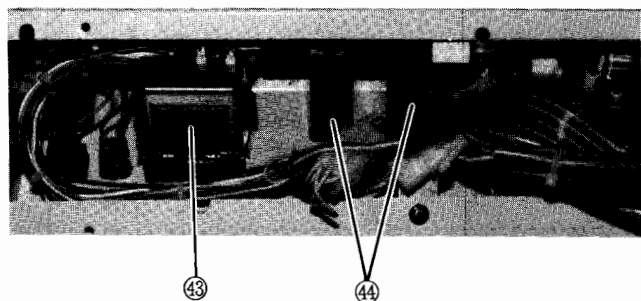
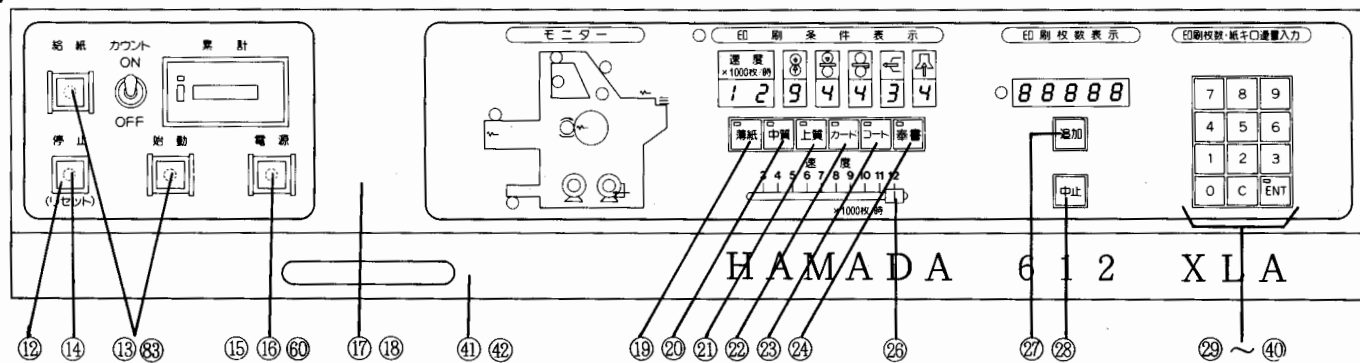
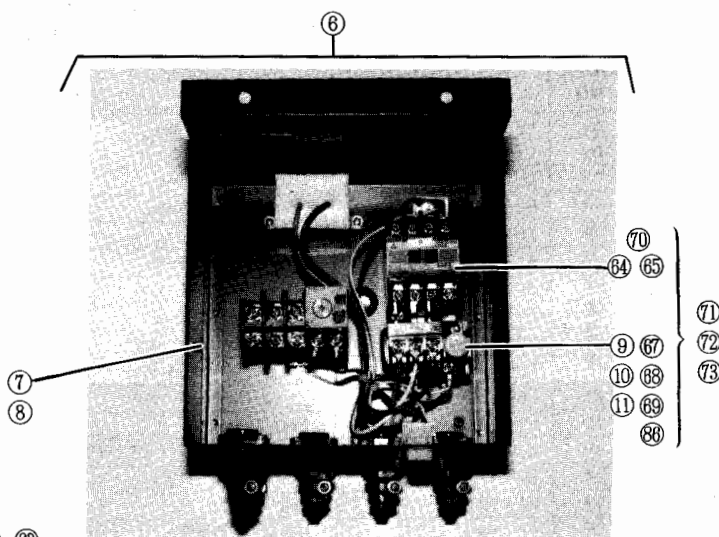
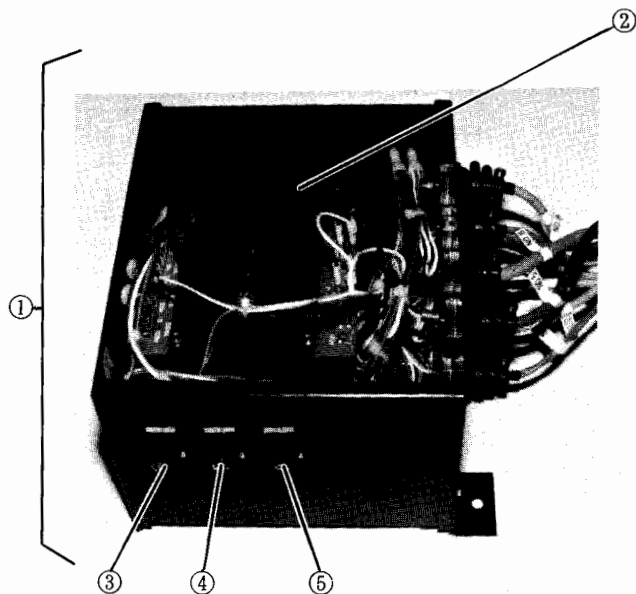


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Electric Parts
(611/612XL ~ HV-3997)
(611/612XLA ~ HV-3985)

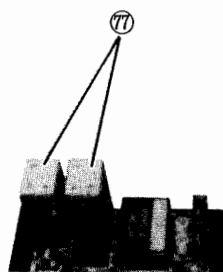
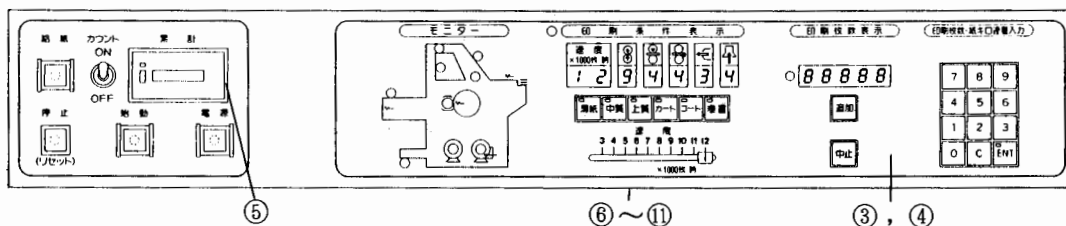
N2090

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	E53-53-IC-3	Power Supply Box (02 ~ 05)	100 ~ 240V	0	0	1
02	E19-08-3	Switching Regulator		0	0	1
03	E05-14-3	Glass Tubing Fuse	F1 1A	0	0	1
04	E05-12-3	Glass Tubing Fuse	F2 3A	0	0	1
05	E05-13-3	Glass Tubing Fuse	F3 2A	0	0	1
06	E50-59-1A-3	Motor Switch Box	100V/200V	0	0	1
07	E04-45-3	Main Thermal Relay	TH-K20 2.8~4.4A 3φ 200V	0	0	1
08	E04-47-3	Main Thermal Relay	TH-K20 7 ~ 11 A 3φ 100V	0	0	1
09	E04-44-3	Pump Thermal Relay	TH-12RM 1.3~2.1A 3φ 200V	0	0	1
10	E04-43-3	Pump Thermal Relay	TH-12RM 2.5~4.1A 1φ 200V	0	0	1
11	E04-42-3	Pump Thermal Relay	TH-12RM 5~8A 1φ 100V	0	0	1
12	E13-78-03-3	Push Switch	LB-26SKS1	0	0	1
13	E24-19-01-3	Green Lamp (START, FEED)	LED	0	0	2
14	E24-19-02-3	Red Lamp (STOP)	AT-608 28V	0	0	1
15	E13-79-01-3	Push Switch	LB 26SKS1	0	0	1
16	E24-18-3	Lamp (POWER)	AT-607 28V	0	0	1
17	E51-34-01-3	Control Panel	For JAPAN	0	0	1
18	E51-35-01-3	Control Panel	For Overseas	0	0	1
19	E13-84-01-3	Chip	TZ0412	0	0	1
20	E13-84-02-3	Chip	TZ0412	0	0	1
21	E13-84-03-3	Chip	TZ0412	0	0	1
22	E13-84-04-3	Chip	TZ0412	0	0	1
23	E13-84-05-3	Chip	TZ0412	0	0	1
24	E13-84-06-3	Chip	TZ0412	0	0	1
25	E51-28-1A-3	Push Switch Box Assy (12, 15, 60, 61)		0	0	1
26	E22-08-3	Speed Control Knob (100V)		0	0	1
27	E13-85-3	Chip		0	0	1
28	E13-85-10-3	Chip		0	0	1
29	E13-84-3	Chip ENT		0	0	1
30	E13-81-3	Chip C		0	0	1
31	E13-81-01-3	Chip 0		0	0	1
32	E13-81-12-3	Chip 1		0	0	1
33	E13-81-13-3	Chip 2		0	0	1
34	E13-81-14-3	Chip 3		0	0	1
35	E13-81-15-3	Chip 4		0	0	1
36	E13-81-16-3	Chip 5		0	0	1
37	E13-81-17-3	Chip 6		0	0	1
38	E13-81-18-3	Chip 7		0	0	1
39	E13-81-19-3	Chip 8		0	0	1
40	E13-81-20-3	Chip 9		0	0	1
41	4808-12035	Name Plate	For 611XLA	0	0	1
42	4808-12036	Name Plate	For 612XLA	0	0	1
43	E09-40-3	Magnet Counter	~ HV-3985	0	0	1
44	E26-32-3	Ampilfier ~ HV-4622	PA-11	0	0	2
45	E18-18-04-3	Sequencer P-ROM No.1 & No.2	For JAPAN	0	0	1
46	E18-18-05-3	Sequencer P-ROM No.1 & No.2	For CANADA/USA	0	0	1
47	E18-18-06-3	Sequencer p-ROM No.1 & No.2	For U.K.	0	0	1
48	E18-41-3	CPU Board		0	0	1
49	E18-24-3	Input Board		0	0	1
50	E18-43-3	Input Board		0	0	1
51	E18-42-3	In & Output Board		0	0	1
52	E18-26-3	Output Board		0	0	1
53	E18-44-3	Output Board		0	0	1
54	E18-29-3	Power Supply Board		0	0	1
55	E50-55-1D-3	Sequencer Box (45, 48 ~ 54)	For JAPAN	0	0	1
56	E50-55-1E-3	Sequencer Box (46, 48 ~ 54)	For CANADA/USA	0	0	1
57	E50-55-1F-3	Sequencer Box (47, 48 ~ 54)	For Overseas	0	0	1
58	E50-61-1A-3	Inverter Unit	100V	0	0	1
59	E50-71-1A-3	Inverter Unit	240V	0	0	1
60	E13-87-3	Chip (White)		0	0	2
61	E13-89-3	Chip (Red)		0	0	2
62	E51-35-1B-3	Digital Control Box	For 611XLA	0	0	1
63	E51-35-1C-3	Digital Control Box	For 612XLA	0	0	1
64	E03-11-3	Magnet Switch	3φ MSO-A10RM	0	0	1
65	E03-22-3	Magnet Switch	1φ MSO-K20	0	0	1
66	E50-73-1A-3	Inverter Unit HV-3823 ~ HV-4170	DV-503, 200V	0	0	1
67	E04-48-3	Pump Thermal Relay	TH-K12 1.7A 3φ 200V	0	0	1
68	E04-49-3	Pump Thermal Relay	TH-K12 3.3A 1φ 200V	0	0	1
69	E04-50-3	Pump Thermal Relay	TH-K12 6.5A 1φ 100V	0	0	1
70	E03-26-3	Magnet Switch	S-K10 Coil A.C. 100V	0	0	1

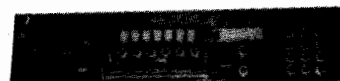


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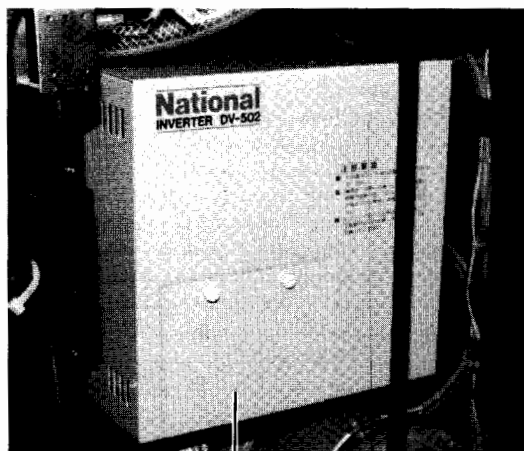
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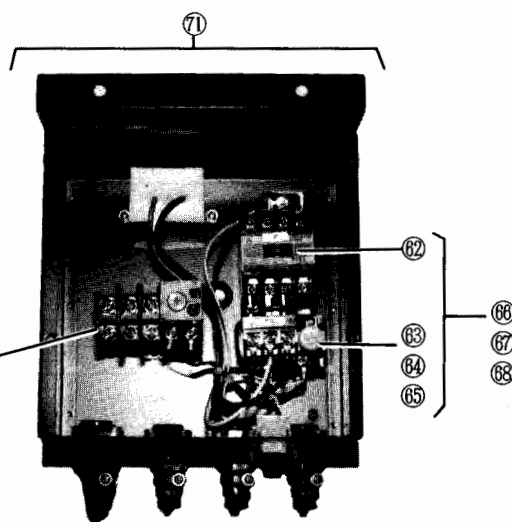
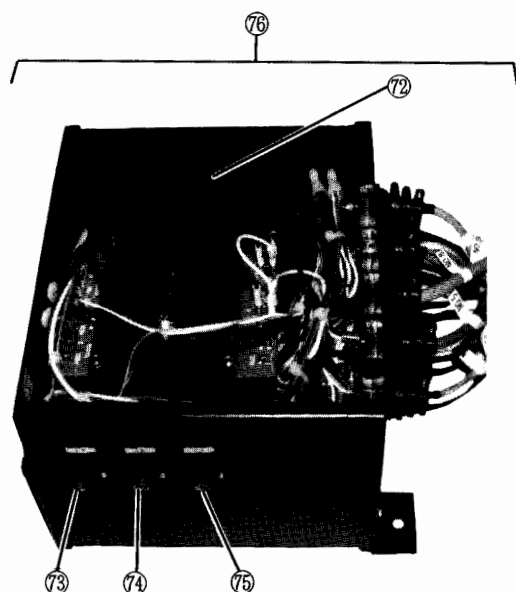
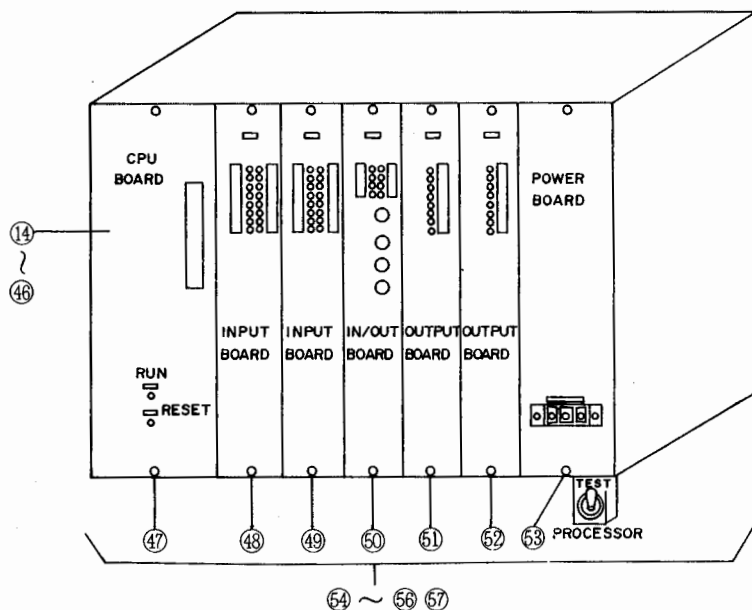
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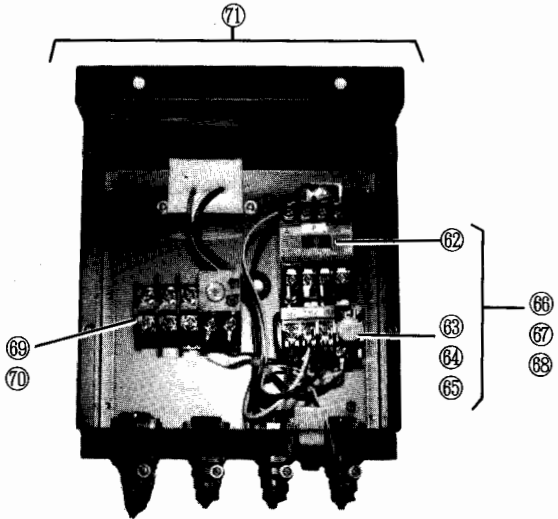
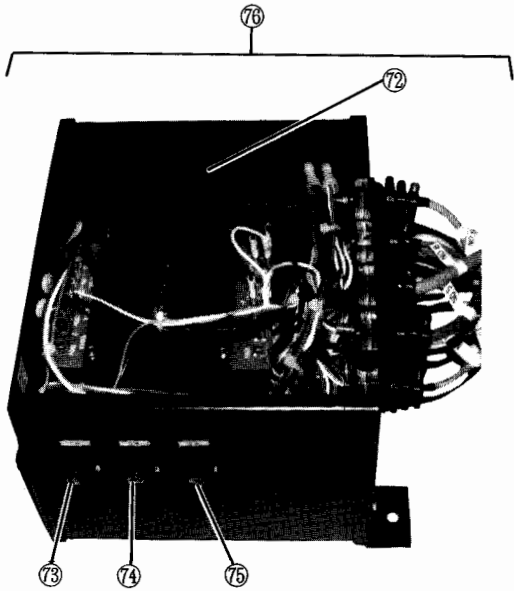
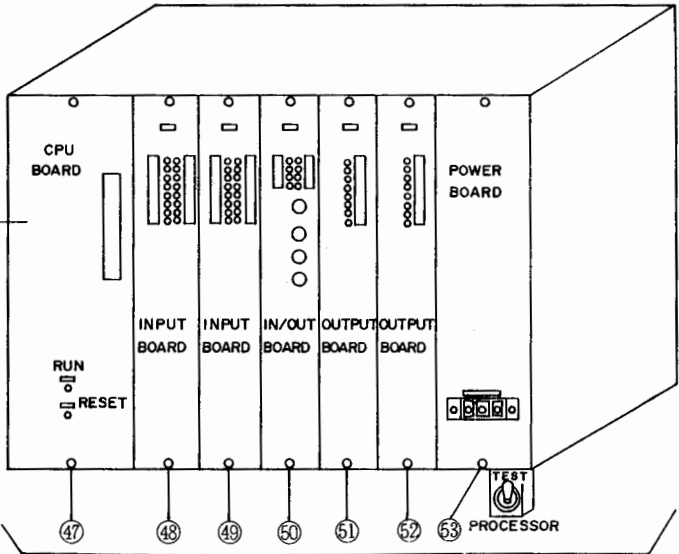
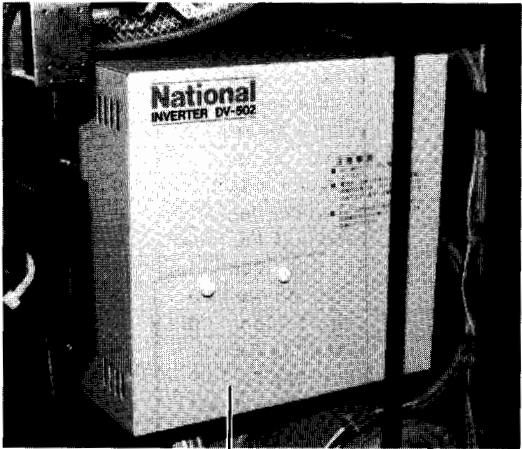
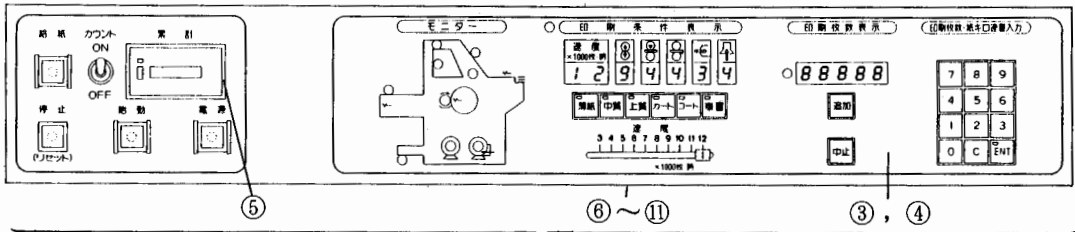
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Electric Parts
(611/612XL HV-3998 ~)
611/612XLA HV-3986 ~)

N2091

INDEX NO.	Parts No.	Description	Remarks	Units per Assy		
				CD	XL	XLA
01	E51-49-1A-3	Digital Control Box		0	1	1
02						
03	E51-48-01-3	Operation-Printed Cover Sheet	For JAPAN	0	1	1
04	E51-49-01-3	Operation-Printed Cover Sheet	For Overseas	0	1	1
05	E09-44-3	Magnet Counter		0	1	1
06	CK17-11	Name Plate	For 611XL	0	1	0
07	CK17-42	Name Plate	For 612XL	0	1	0
08	4807-19019	Name Plate	For 661XL	0	1	0
09	4807-12029	Name Plate	For 662XL	0	1	0
10	4808-12046	Name Plate	For 611XLA	0	0	1
11	4808-12047	Name Plate	For 612XLA	0	0	1
12	E18-69-3	Switch Board of Operation Panel		0	1	1
13	E18-70-3	Amplifier Board		0	1	1
14	E18-65-01-3	Sequencer P-ROM	612XLA For JAPAN	0	0	1
15	E18-65-02-3	Sequencer P-ROM	612XLA For FRANCE	0	0	1
16	E18-65-03-3	Sequencer P-ROM	612XLA For U.S.A.	0	0	1
17	E18-65-04-3	Sequencer P-ROM	612XLA For SWD.	0	0	1
18	E18-65-05-3	Sequencer P-ROM	612XLA For TAIWAN	0	0	1
19	E18-65-06-3	Sequencer P-ROM	612XLA For H.K.	0	0	1
20	E18-65-07-3	Sequencer P-ROM	612XLA For SAF	0	0	1
21	E18-65-08-3	Sequencer P-ROM	612XLA For ASL	0	0	1
22	E18-65-09-3	Sequencer P-ROM	612XLA For SGP	0	0	1
23	E18-65-10-3	Sequencer P-ROM	612XLA For U.K.	0	0	1
24	E18-65-11-3	Sequencer P-ROM	612XLA For KOR	0	0	1
25	E18-67-01-3	Sequencer P-ROM	611XLA For JAPAN	0	0	1
26	E18-67-02-3	Sequencer P-ROM	611XLA For FRANCE	0	0	1
27	E18-67-03-3	Sequencer P-ROM	611XLA For U.S.A.	0	0	1
28	E18-67-04-3	Sequencer P-ROM	611XLA For SWD	0	0	1
29	E18-67-05-3	Sequencer P-ROM	611XLA For TAIWAN	0	0	1
30	E18-67-06-3	Sequencer P-ROM	611XLA For H.K.	0	0	1
31	E18-67-07-3	Sequencer P-ROM	611XLA For SAF	0	0	1
32	E18-67-08-3	Sequencer P-ROM	611XLA For ASL	0	0	1
33	E18-67-09-3	Sequencer P-ROM	611XLA For SGP	0	0	1
34	E18-67-10-3	Sequencer P-ROM	611XLA For U.K.	0	0	1
35	E18-67-11-3	Sequencer P-ROM	611XLA For KOR	0	0	1
36	E18-68-01-3	Sequencer P-ROM	611/612XL For JAPAN	0	1	0
37	E18-68-02-3	Sequencer P-ROM	611/612XL For FRANCE	0	1	0
38	E18-68-03-3	Sequencer P-ROM	611/612XL For U.S.A.	0	1	0
39	E18-68-04-3	Sequencer P-ROM	611/612XL For SWD	0	1	0
40	E18-68-05-3	Sequencer P-ROM	611/612XL For TAIWAN	0	1	0
41	E18-68-06-3	Sequencer P-ROM	611/612XL For H.K.	0	1	0
42	E18-68-07-3	Sequencer P-ROM	611/612XL For SAF	0	1	0
43	E18-68-08-3	Sequencer P-ROM	611/612XL For ASL	0	1	0
44	E18-68-09-3	Sequencer P-ROM	611/612XL For SGP	0	1	0
45	E18-68-10-3	Sequencer P-ROM	611/612XL For U.K.	0	1	0
46	E18-68-11-3	Sequencer P-ROM	611/612XL For KOR	0	1	0
47	E18-41-3	CPU Board		0	1	1
48	E18-24-3	Input Board		0	1	1
49	E18-43-3	Input Board	(Only 611/612XLA)	0	0	1
50	E18-42-3	Input & Output Board		0	1	1
51	E18-26-3	Output Board		0	1	1
52	E18-44-3	Output Board	(Only 611/612XLA)	0	0	1
53	E18-29-3	Power Supply Board		0	1	1
54	E50-55-1D-3	Sequencer Box	611/612XLA For JAPAN	0	0	1
55	E50-55-1E-3	Sequencer Box	611/612XLA For CANADA/USA	0	0	1
56	E50-55-1F-3	Sequencer Box	611/612XLA For Overseas	0	0	1
57	E50-99-1A-3	Sequencer Box	611/612XL	0	1	0
58	E50-62-1A-3	Inverter Unit	(DV-502-SAR1) For A.C. 100V	0	1	1
59	E50-75-1A-3	Inverter Unit	(DV-505) For A.C. 200/220V	0	1	1
60	E50-71-1A-3	Inverter Unit	(DV-502-SAR2) For A.C. 240V	0	1	1
61	E50-73-1A-3	Inverter Unit	(DV-503, HV-3823~HV-4170) For A.C. 200/220V	0	1	1
62	E03-26-3	Magnet Switch	S-K10 Coil A.C. 100V	0	1	1
63	E04-48-3	Pump Thermal Relay	TH-K12 1.7A 3φ 200V	0	1	1
64	E04-49-3	Pump Thermal Relay	TH-K12 3.3A 1φ 200V	0	1	1
65	E04-50-3	Pump Thermal Relay	TH-K12 6.5A 1φ 100V	0	1	1
66	E03-26-01-3	Magnet Switch Assy Pump	3φ 200V	0	1	1
67	E03-26-02-3	Magnet Switch Assy Pump	1φ 220V	0	1	1
68	E03-26-03-3	Magnet Switch Assy Pump	1φ 100V	0	1	1
69	E04-45-3	Main Thermal Relay	3φ 200V	0	1	1
70	E04-47-3	Main Thermal Relay	3φ 100V	0	1	1



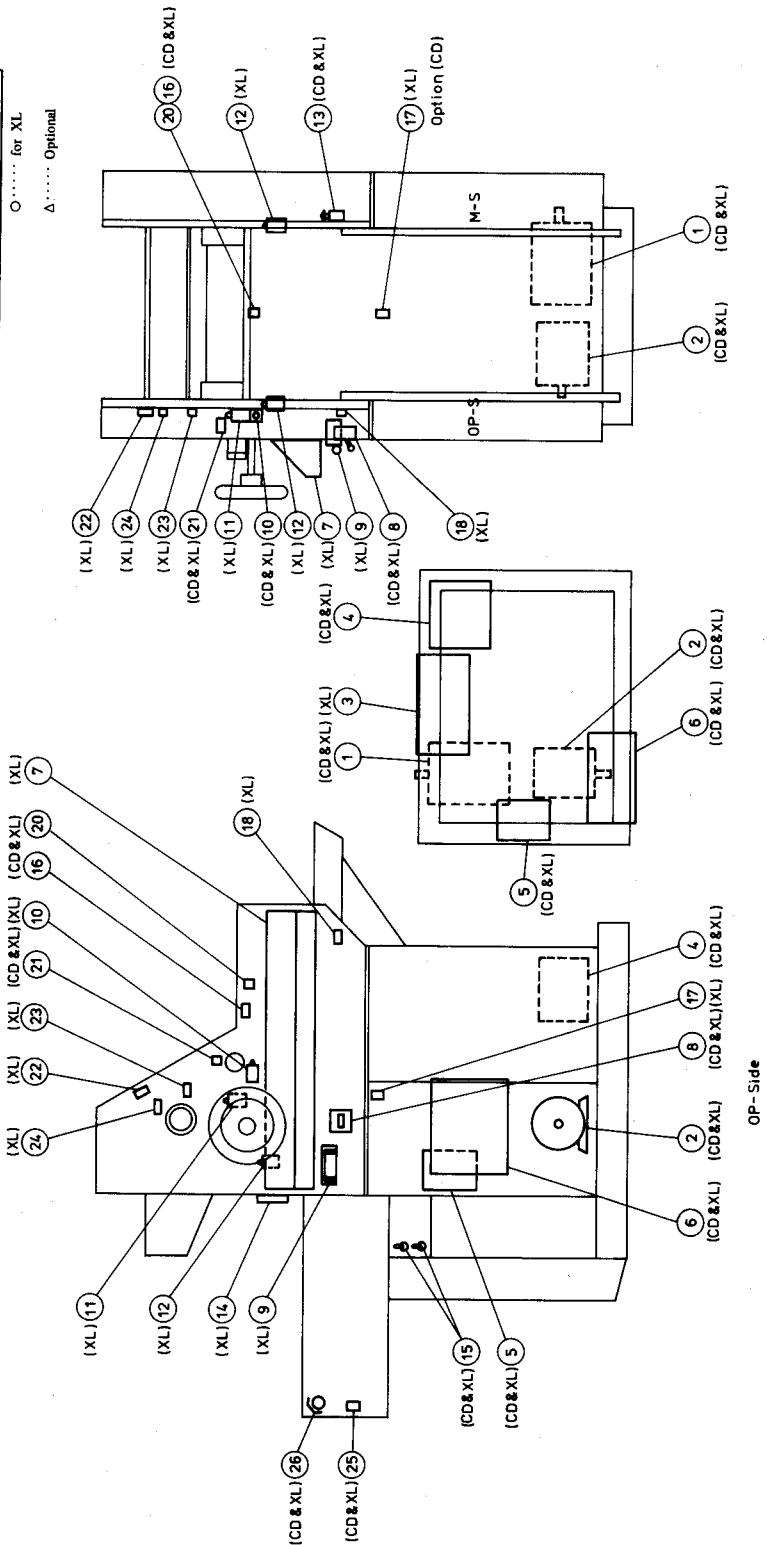
N2091

- 183 -

1	本機モータ	E01-66-3(3φ200V) E01-65-3(3φ100V) E01-02-3(1φ100V/200V)	10	印圧ソレノイド	E09-25-3	20	2枚検出器		
2	MAIN MOTOR			IMPRESSION SOLENOID SOL-1			DOUBLE SHEET DETECTOR		
3	ポンプモータ	E01-09-3 (3相) E01-01-01-3 (単相)	11	シングルレバー戻しソレノイド	E09-25-3	21	天地ハンドル安全リミット	E10-29-3	
4	PUMP MOTOR			SINGLE LEVER SOLENOID SOL-3			HANDLE SAFETY LIMIT SW.		
5	インバータユニット	E50-53-1A-3(200V) E50-71-1A-3(100V) E50-73-1A-3(100V) E50-75-1A-3(200/220V)	12	ブラנקリナーソレノイド	E09-25-3	22	OP-Sカバー安全リミット	E10-30-3	
6	INVERTOR UNIT			BLANK CLEANER SOLENOID SOL-B			COVER SAFETY LIMIT SW (OP-S)		
7	電源ボックス	E53-54-1A-3 E53-55-1A-3 E53-56-1A-3 E53-57-1A-3	13	2枚通しソレノイド	E09-02-02	23	シングルレバー4リミット	E10-31-3	
8	POWER SUPPLY BOX			DOUBLE SHEET SOLENOID AC-SOL			SINGLE LEVER 4-POSITION LIMIT SW LS-2		
9	モータスライダボックス	E50-60-1A-3	14	排紙部3点検知	E51-28-1A	24	シングルレバー1リミット	E10-31-3	
10	MOTOR SWITCH BOX			3-PUSH BOTTON SWITCH			SINGLE LEVER 1-POSITION LIMIT SW LS-1		
11	シーケンサユニット	E50-58-1A-3 E50-59-1B-3 E50-61-1A-3 E50-62-1A-3 E50-63-1A-3 E50-64-1A-3 E50-65-1A-3 E50-66-1A-3 E50-67-1A-3 E50-68-1A-3 E50-69-1A-3 E50-70-1A-3 E50-71-1A-3 E50-72-1A-3 E50-73-1A-3 E50-74-1A-3 E50-75-1A-3 E50-76-1A-3 E50-77-1A-3 E50-78-1A-3 E50-79-1A-3 E50-80-1A-3 E50-81-1A-3 E50-82-1A-3 E50-83-1A-3 E50-84-1A-3 E50-85-1A-3 E50-86-1A-3 E50-87-1A-3 E50-88-1A-3 E50-89-1A-3 E50-90-1A-3 E50-91-1A-3 E50-92-1A-3 E50-93-1A-3 E50-94-1A-3 E50-95-1A-3 E50-96-1A-3 E50-97-1A-3 E50-98-1A-3 E50-99-1A-3 E50-100-1A-3	15	デリバリースイッチパネル			△ △△	チェーンデリバリアリミット	E10-38-3
12	SEQUENCER UNIT			DELIVERY SWITCH PANEL			CHAIN DELIVERY JAM LIMIT SW		
13	操作・デジタル表示盤			紙検出光電管 (給紙部)	E26-29-1A-3	26	蛍光灯	E24-09-3 (60Hz) E24-10-3 (50Hz)	
14	DIGITAL DATA CONTROL PANEL		16	PAPER DETECTOR SENSER			FLUORESCENT		
15	ブレーカ	E02-09-1A-3 (3相)	17	紙検出光電管 (排紙部)	E26-13-1A-3	27			
16	CIRCUIT PROTECTOR	E02-08-1A-3 (単相)	18	PAPER DETECTOR SENSER					
17	プリンタ (日報)		19	紙検出光電管 (排紙部)					
18	PRINTER	E18-16-3	20	PAPER STOCK DETECTOR	E10-12-3	28			

1	CD シーケンサ
2	CD ソケット
3	Logic Bond
4	端子台
5	Terminal Connector
6	XL コネクタ
7	XL 128ROM

○..... for XL
△..... Optional



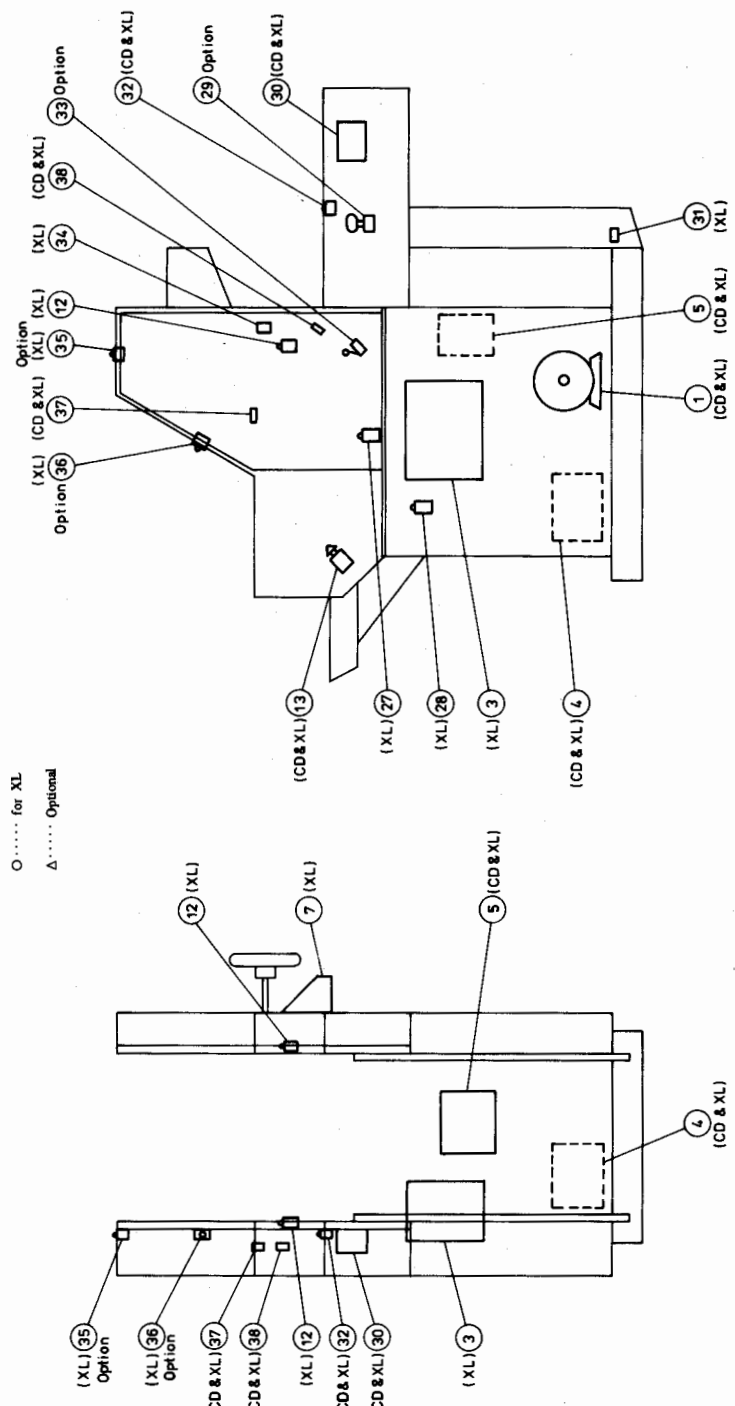
611CD/XL

612CD/XL

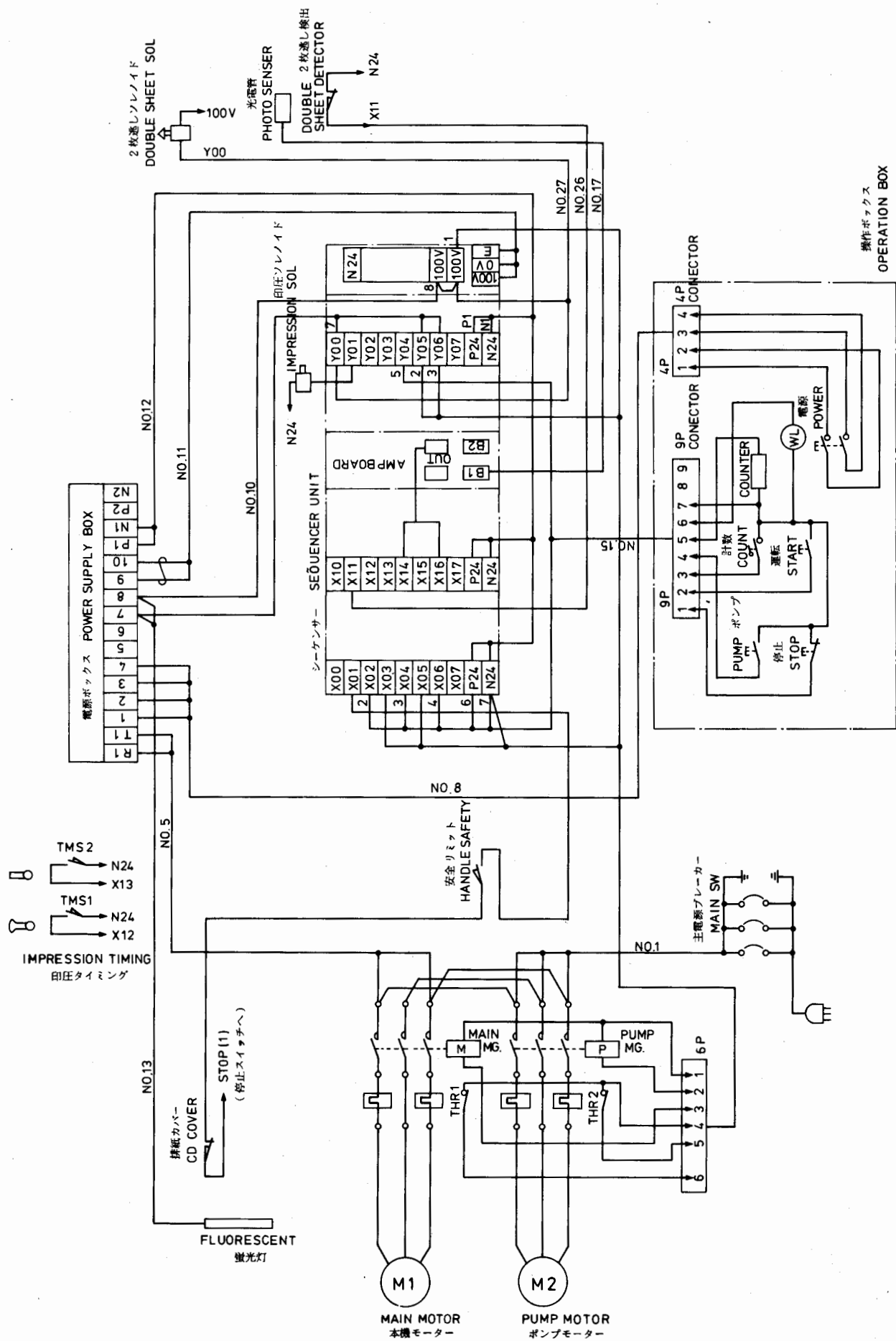
1	主機モータ MAIN MOTOR	E01-03-3 (3x200V) E01-65-3 (3x100V) E01-02-3 (1x100V/200V)	(29)	エア吹きソレノイド AIR BLOW SOLENOID SOL-A	E09-25-3	シリンダカバー-安全リミット CYLINDER COVER SAFETY LIMIT SW	E10-29-3
3	インベクタユニット INVERTOR UNIT	E50-53-1 A-3 (200V) E50-53-2 A-3 (100V) E50-53-3 A-3 (100V) E50-53-4 A-3 (200/220V) E50-53-5 A-3 (200/220V)	△	スプレーバルブ SPRAY VALVE SOLENOID	E09-27-3	タイミングリロードスイッチTMS 2 TIMING SW TMS-2	E10-13-3
4	電源ボックス POWER SUPPLY BOX	E53-54-1 A-3 E53-54-2 A-3 E53-54-3 A-3 E53-54-4 A-3 E53-54-5 A-3	30	除電トランス ELIMINATOR TRANS	E11-01-05-3	タイミングリロードスイッチTMS 1 TIMING SW TMS-1	E10-13-3
5	モータスイッチボックス MOTOR SWITCH BOX	E50-60-1 A-3	(31)	紙紙台下開リロードスイッチ DELIVERY TABLE LOWER LIMIT SW	E10-12-3		
7	操作・デジタル表示器 DIGITAL DATA CONTROL PANEL	E50-59-1 B-3 E50-59-2 B-3 E50-59-3 B-3 E50-59-4 B-3 E50-59-5 B-3	32	チェーンデリカカバー-安全リミット CHAIN DELIVERY SAFETY LIMIT SW	E10-29-3		
12	プランクリーナソレノイド BLANK CLEANER SOLENOID SOL-B	E09-25-3	△	スプレーリミット SPRAY LIMIT SW	E10-20-3		
13	2枚通がしソレノイド DOUBLE SHEET SOLENOID AC-SOL	E09-02-02-3	(34)	カバー-安全リミット COVER SAFETY LIMIT SW	E10-30-3		
27	紙紙停止ソレノイド FEED STOP SOLENOID SOL-2	E09-25-3	35	インキカバー-安全リミット INK COVER SAFETY LIMIT SW	E10-29-3		

○ for XL

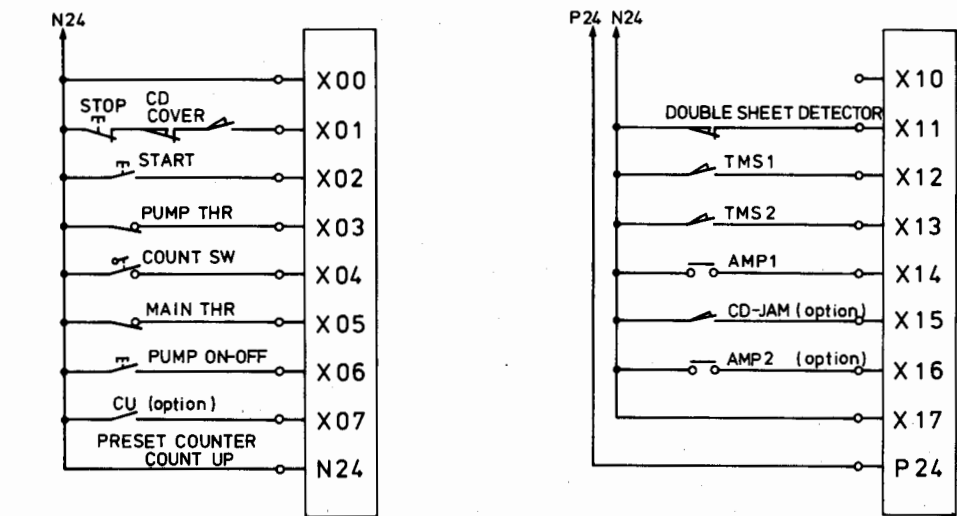
△ Optional



611CD, 612CD ELECTRIC WIRING



611CD , 612CD SEQUENCER UNIT

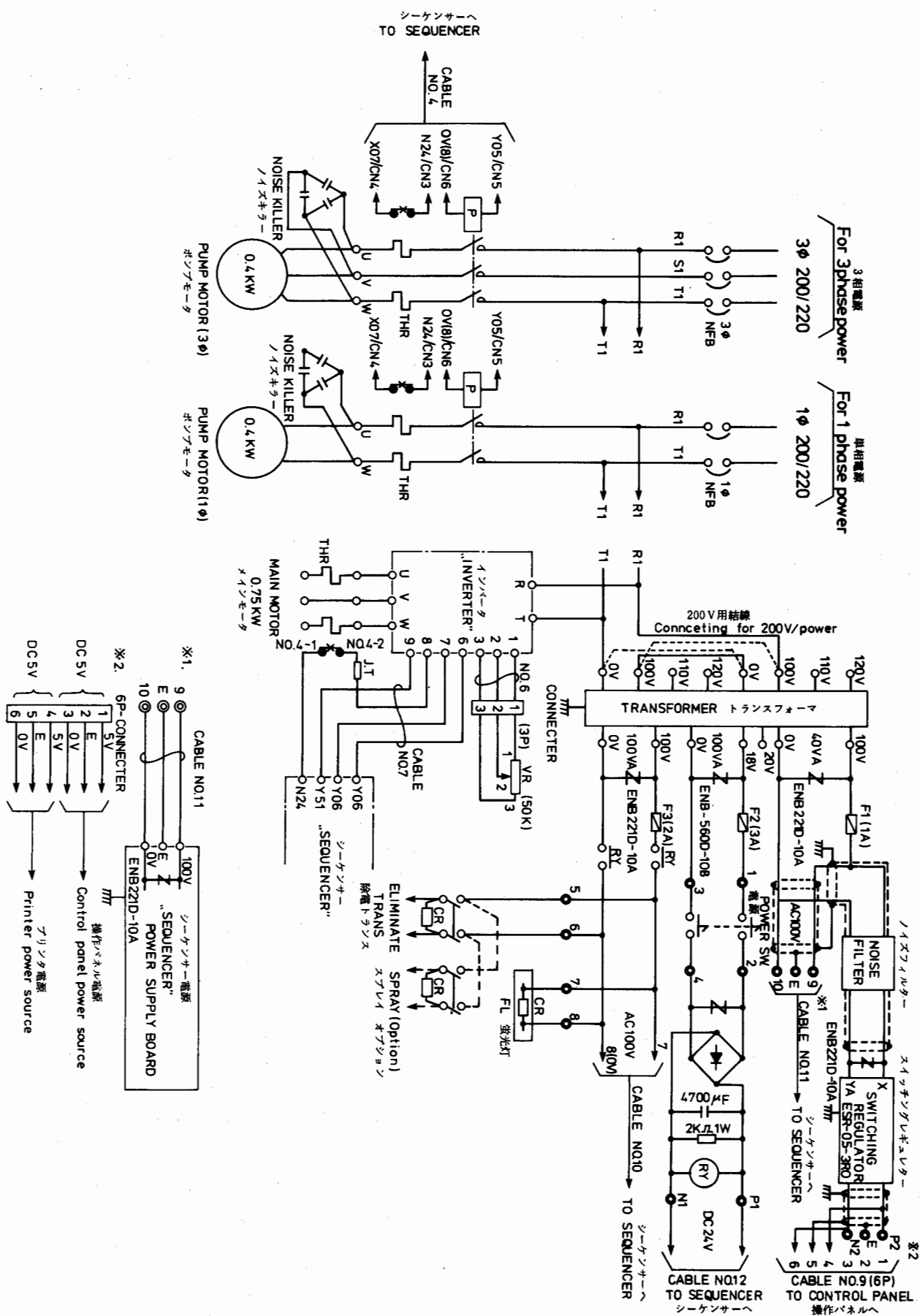


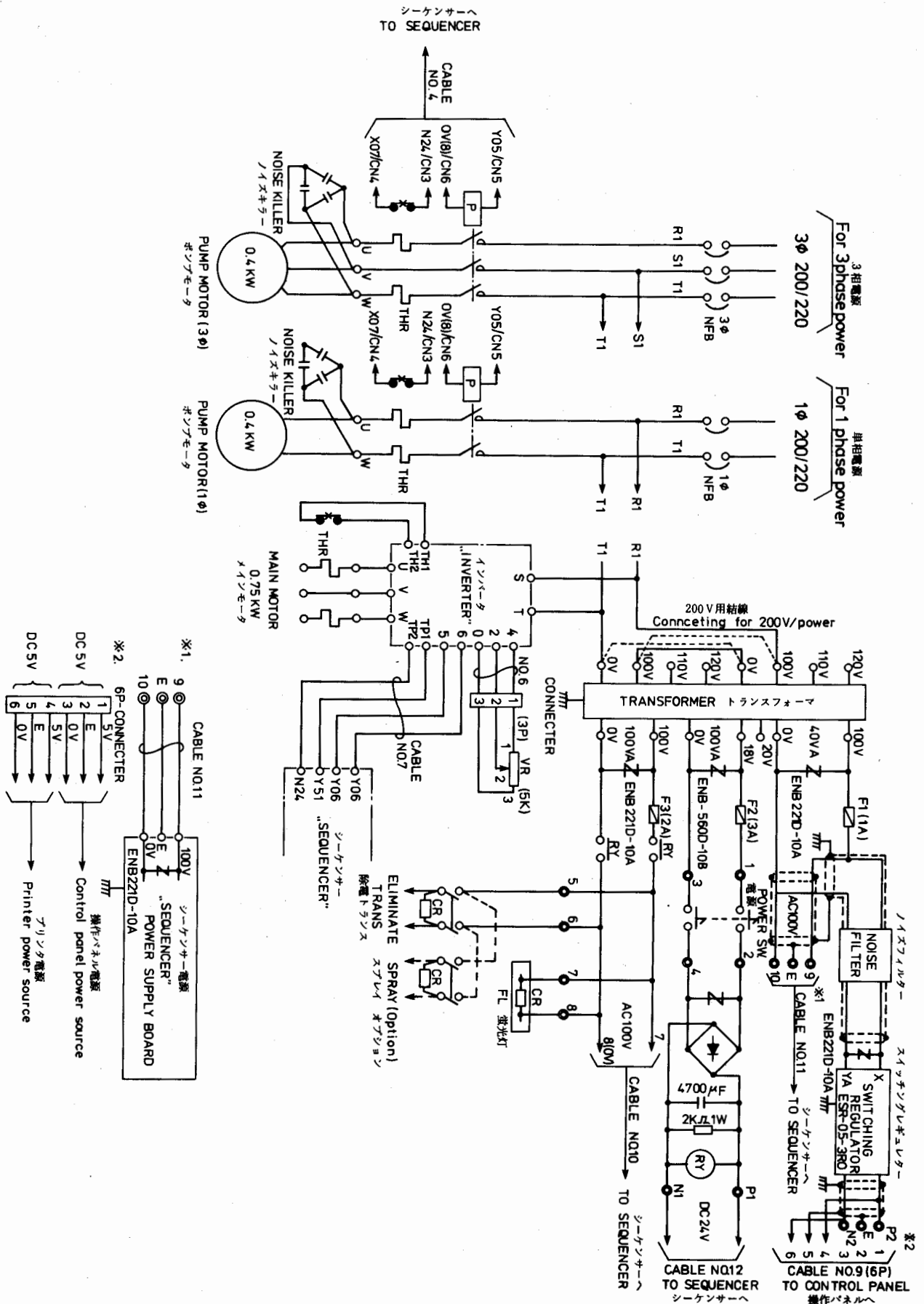
入出力表
IN-PUT, OUT-PUT TABLE

IN-PUT		OUT-PUT	
X00	電源D.C 24V D.C 24V POWER	Y00	2枚逃しソレノイド DOUBLE SHEET SOL
X01	停止入力 STOP	Y01	印圧ソレノイド IMPRESSION SOL
X02	運転スイッチ START SW	Y04	計数器 MAGNETIC COUNTER
X03	ポンプサーマル PUMP THERMAL	Y05	ポンプ用開閉器 PUMP MOTOR MAGNET
X04	カウンタースイッチ COUNTER SW	Y06	本機用開閉器 MAIN MOTOR MAGNET
X05	本機サーマル MAIN THERMAL	Y02	カウンタースイッチ PRESET COUNTER INPUT
X11	2枚逃し検出 DOUBLE SHEET DETECTOR	Y03	カウンタースイッチ PRESET COUNTER RESET
X12	印圧タイミングスイッチ IMPRESSION TIMING SW		
X13	ブランケットジャムタイミング BLANKET JAM TIMING SW		
X14	紙有・無検出光電管 PAPER DETECT		

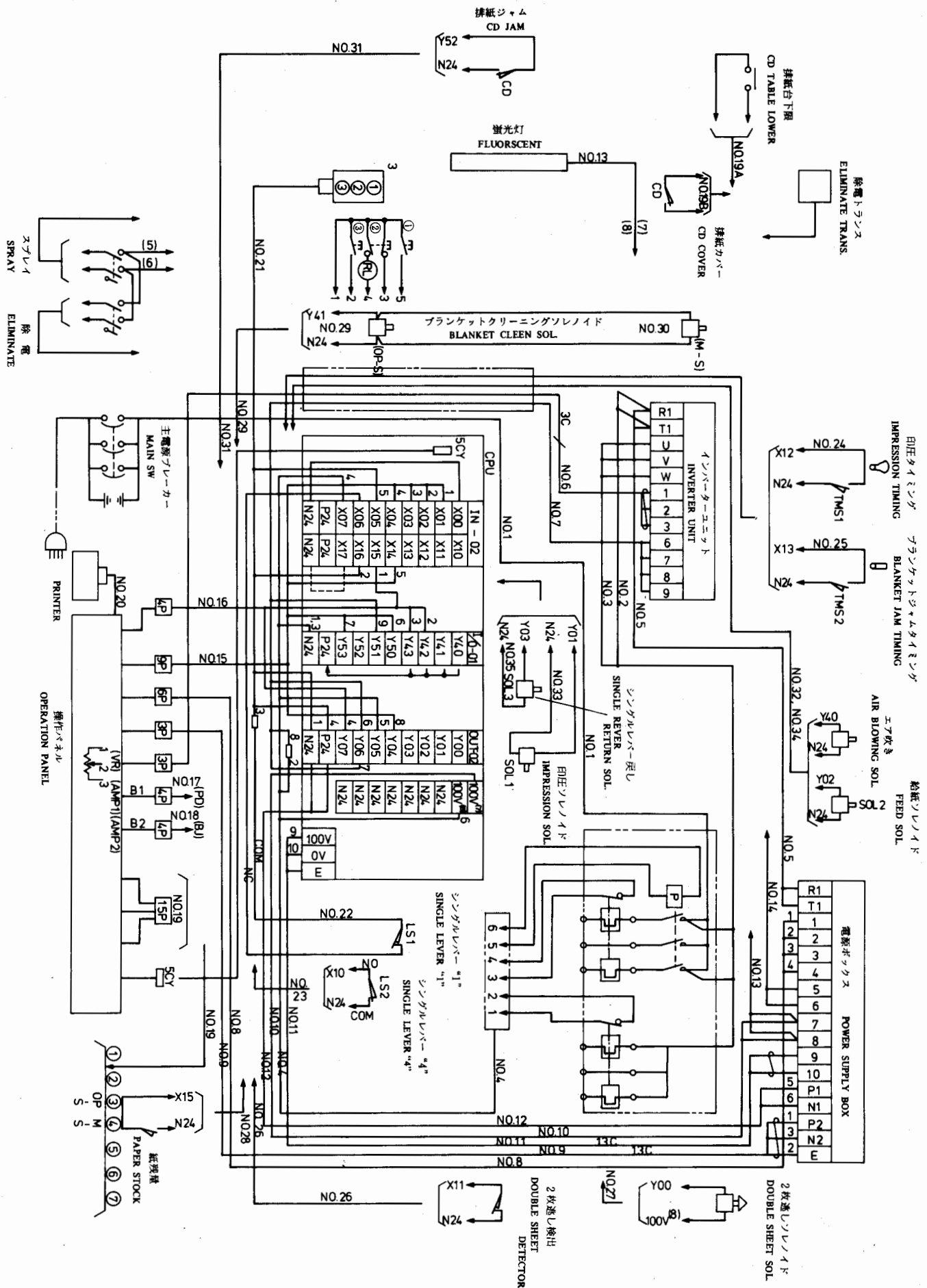
SEQUENCER UNIT

	IN PUT BOARD	AMPLIFIER BOARD	OUT PUT BOARD	POWER BOARD
CPU BOARD	IN-02		CUT-02	
	00 ○ 010		00 ○	N24
	01 ○ 011		01 ○	
	02 ○ 012		02 ○	
	03 ○ 013		03 ○	
	04 ○ 014		04 ○	
	05 ○ 015		05 ○	
	06 ○ 016		06 ○	100V
RUN ○ RESET ○	07 ○ 017		07 ○	100V
		B1 B2		100 0 E

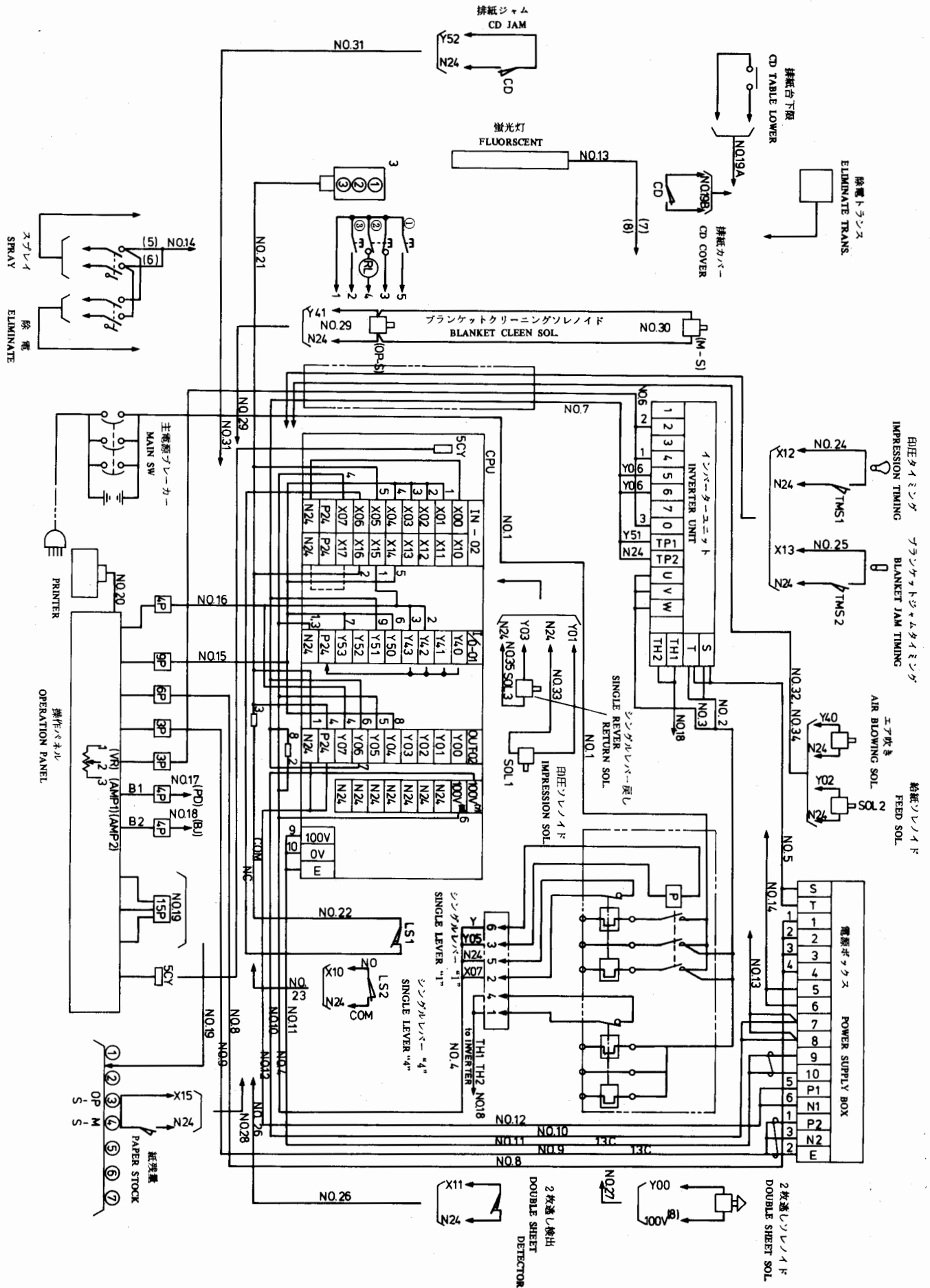




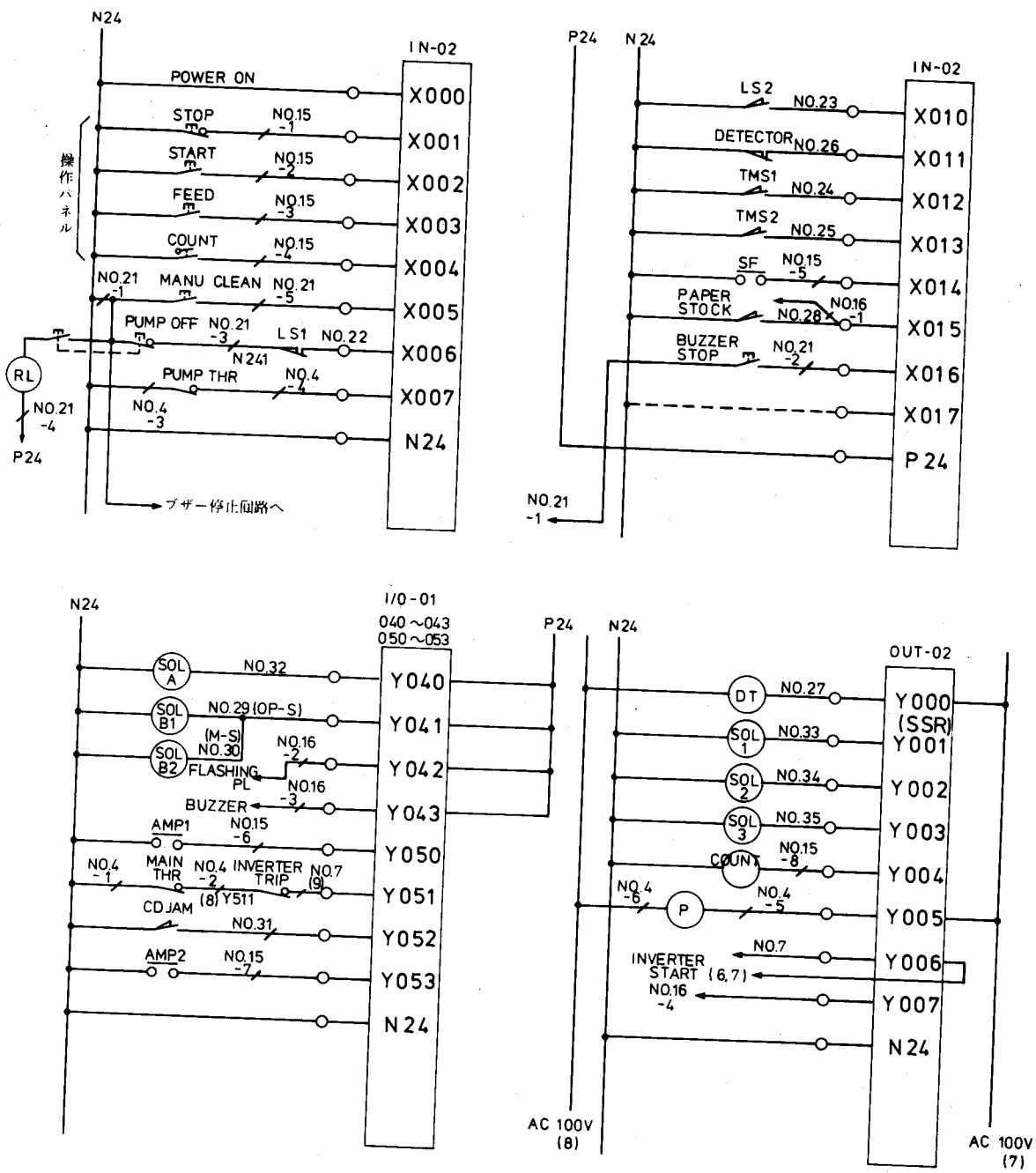
611XL , 612XL ELECTRIC WIRING (HV-2001 ~ HV-3480) For 200/220V



611XL, 612XL ELECTRIC WIRING (HV-3481~)



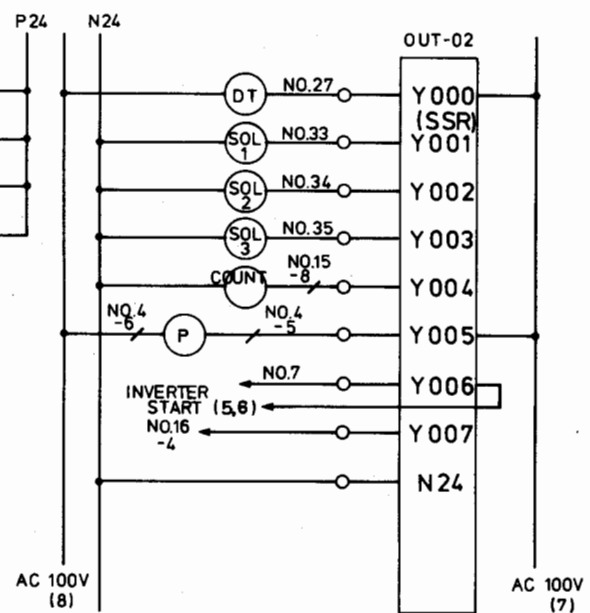
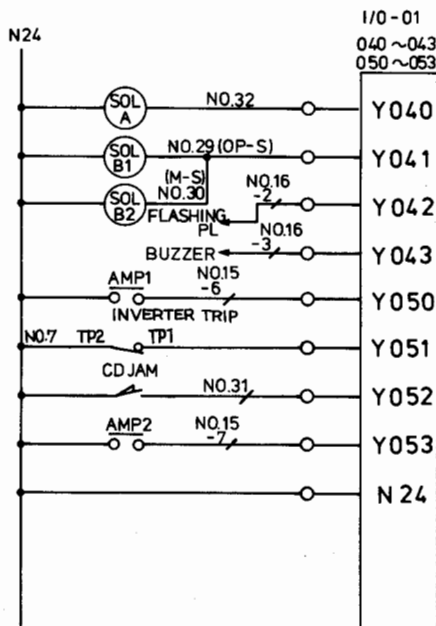
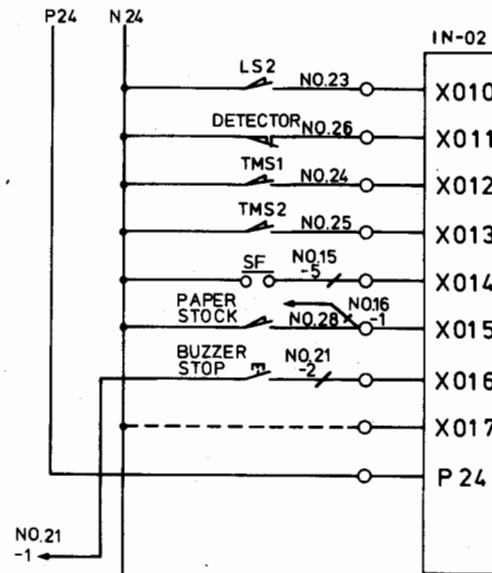
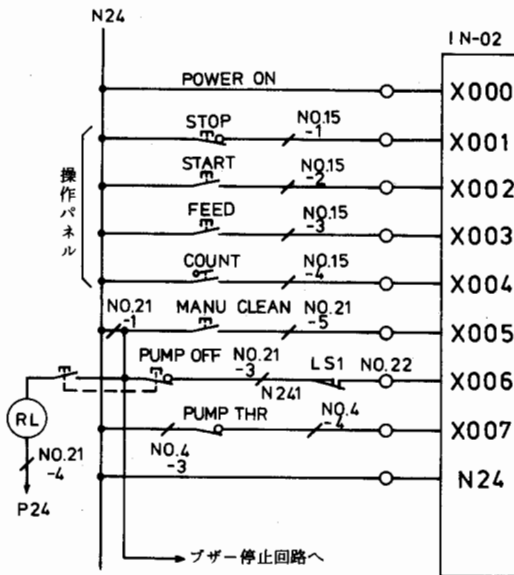
611XL , 612XL SEQUENCER UNIT (HV-2001 ~ HV-3480) For 200/220V



SEQUENCER UNIT

	IN PUT BOARD	IN-PUT / OUT-PUT BOARD	OUT PUT BOARD	POWER BOARD
CPU BOARD	IN-02	I/O-01	CUT-02	N24 100V 100V 100 0 L
	00 ○ ○10	40 ○	00 ○	
	01 ○ ○11	41 ○	01 ○	
	02 ○ ○12	42 ○	02 ○	
	03 ○ ○13	43 ○	03 ○	
	04 ○ ○14	50 ○	04 ○	
	05 ○ ○15	51 ○	05 ○	
	06 ○ ○16	52 ○	06 ○	
RUN ○ RESET ○	07 ○ ○17	53 ○	07 ○	

611XL, 612XL SEQUENCER UNIT (HV-3481~)



SEQUENCER UNIT

	IN PUT BOARD	IN-PUT / OUT-PUT BOARD	OUT PUT BOARD	POWER BOARD
	IN-02	I/O-01	CUT-02	
CPU BOARD	00 ○ ○10	40 ○	00 ○	N24 100V 100V
	01 ○ ○11	41 ○	01 ○	
	02 ○ ○12	42 ○	02 ○	
	03 ○ ○13	43 ○	03 ○	
	04 ○ ○14	50 ○	04 ○	
	05 ○ ○15	51 ○	05 ○	
	06 ○ ○16	52 ○	06 ○	
	07 ○ ○17	53 ○	07 ○	
RUN ○				100 0 E
RESET ○				

入 出 力 表
IN-PUT, OUT-PUT TABLE

IN-PUT, OUT-PUT TABLE

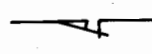
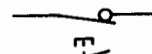
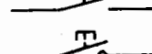
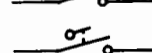
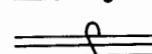
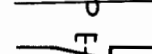
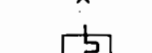
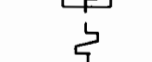
IN-PUT 入 力

X00	:	D.C 24V POWER	電源D. C 24 V
X01	:	STOP SW	停止スイッチ
X02	:	START SW	運転スイッチ
X03	:	FEED SW	給紙スイッチ
X04	:	COUNTER ON-OFF SW	カウンタースイッチ
X05	:	MANUAL BLANKET CLEENING SW	手動ブランケットクリーニング
X06	:	SINGLE LEVER "1" LS1	シングルレバー "1" リミット
X07	:	PUMP THERMAL CONTACT	ポンプサーマル接点
X10	:	SINGLE LEVER "4" LS4	シングルレバー "4" リミット
X11	:	DOUBLE SHEET DETECTOR	2枚逃し検出
X12	:	IMPRESSION TIMING SW	印圧タイミングスイッチ
X13	:	BLANKET JAM TIMING SW	ブランケットジャムタイミングスイッチ
X14	:	SAFETY LIMIT SW	安全スイッチ
X15	:	PAPER STOCK DETECT SW	紙残量検出
X16	:	BUZZER STOP SW	ブザー停止スイッチ
X17	:		
Y50	:	PAPER DETECT	紙有-無検出光電管
Y51	:	MAIN MOTOR TRIP	本機モータートリップ
Y52	:	CD JAM	排紙ジャム検出
Y53	:	BLANKET JAM	ブランケットジャム検出

OUT-PUT 出 力

Y00	:	DOUBLE SHEET SOL.	2枚逃しソレノイド
Y01	:	IMPRESSION SOL1	印圧ソレノイド
Y02	:	FEED SOL2	給紙ソレノイド
Y03	:	SINGLE LEVER RETURN SOL3	シングルレバー戻しソレノイド
Y04	:	MAGNETIC COUNTER	電磁カウンタ
Y05	:	PUMP MOTOR MAGNET	ポンプモーター用開閉器
Y06	:	MAIN MOTOR (TO INVERTER)	本機運転信号
Y41	:	BLANKET CLEANING SOL.	ブランケットクリーニングソレノイド
Y42	:	FLASHING LAMP	点滅ランプ
Y43	:	BUZZER	ブザー
Y40	:	BLANKET AIR BLOWING SOL.	ブランケットエア吹きソレノイド

NAME OF SYMBOLS

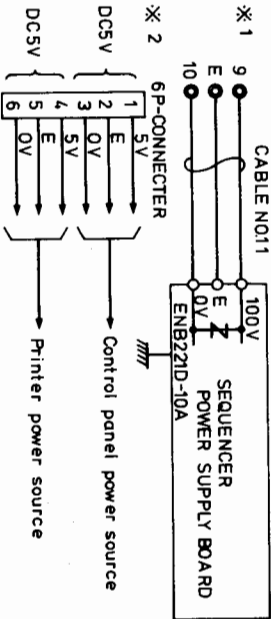
	: MAGNET RERAYA CONTACT
	: A CONTACT OF LIMIT SW リミットスイッチのA接点
	: B CONTACT OF LIMIT SW リミットスイッチのB接点
	: THERMAL RERAY B CONTACT サーマルのB接点
	: PUSH BUTTON SW A CONTACT (SPRING RETURN) 押しボタンのA接点(自動復帰)
	: PUSH BUTTON SW A CONTACT (MAINTAIN) 押しボタンのA接点(手動復帰)
	: SNAP SWITCH スナップスイッチ
	: SEALD CABLE シールド線
	: PUSH BUTTON SW B CONTACT (SPRING RETURN) 押しボタンのB接点(自動復帰)
	: THERMAL RERAY B CONTACT サーマルのB接点
	: THERMAL RERAY

SOL1	: IMPRESSION SOL 印圧ソレノイド
SOL2	: FEED SOL 給紙ソレノイド
SOL3	: SINGLE LEVER RETURN SOL シングルレバー戻しソレノイド
SOLA	: AIR BLOWING SOL エア吹きソレノイド
SOLB1	: BLANKET CLEENING SOL ブランケット洗浄ソレノイド
SOLB2	: BLANKET CLEENING SOL ブランケット洗浄ソレノイド
DT	: DOUBLE SHEET SOL 2枚逃しソレノイド
COUNT	: MAGNETIC COUNTER 電磁カウンター
P	: RERAY FOR PUMP MOTOR ポンプモーター用開閉器
M	: RERAY FOR MAIN MOTOR 本機モーター用開閉器
TMS1	: IMPRESSION TIMING SW 印圧タイミングスイッチ
TMS2	: BLANKET JAM TIMING SW ブランケットジャムタイミングスイッチ

(for 380V, 3 Phase Power)



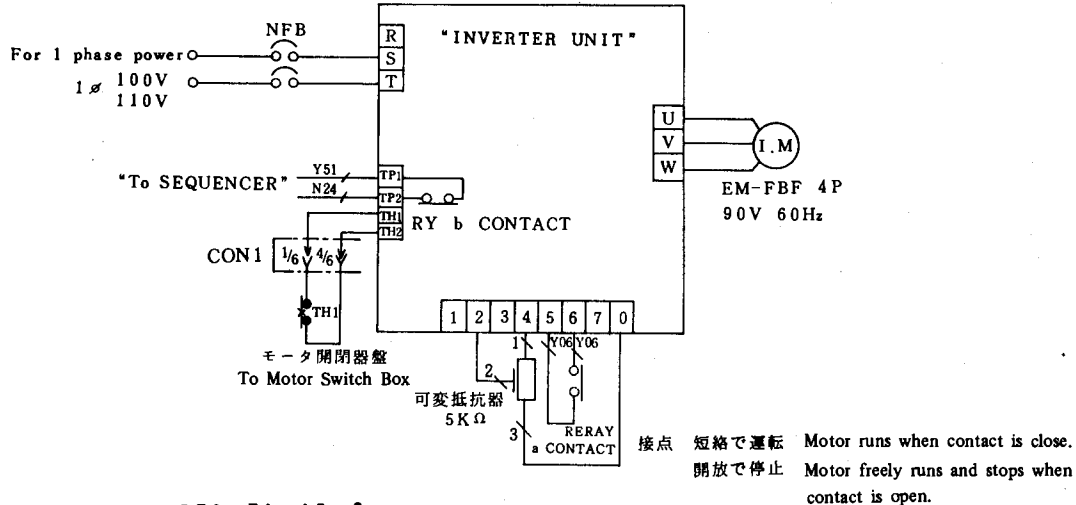
(for 380V, 3 Phase Power)



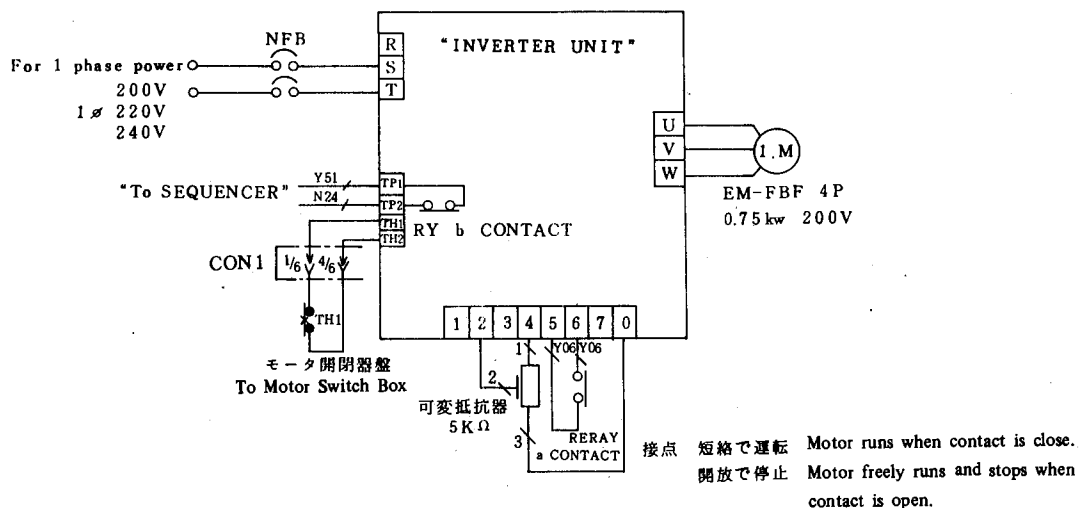
611XL/612XL (HV-3481~) ELECTRIC WIRING

1. 配線方法 ELECTRIC WIRING

100V E50-62-1A-3



200V E50-71-1A-3



- 注) 1. R・P・N・1・3・7の各端子は使用しないで下さい。
2. 可変抵抗器を接続すると、4番端子はグラウンド(3番端子)に対し約1.2V、0番端子は同じく約4.7Vになります。
- 可変抵抗器の中点(2番端子に接続されている)の電圧が高くなるとインバータの周波数は、高くなります。

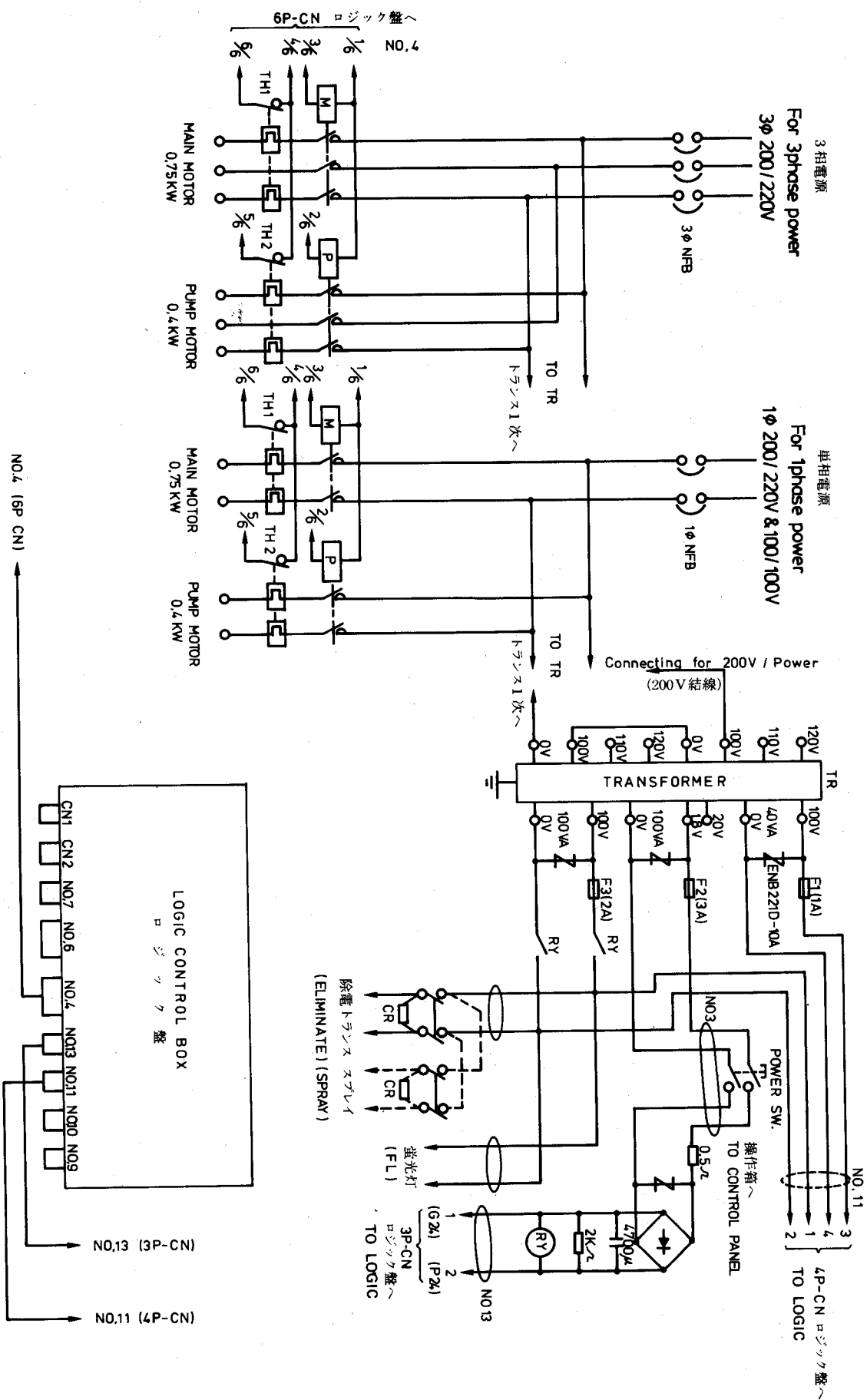
- 1) Terminals R.P.N.1.3.7. are not in use.
- 2) With potention meter connection to terminals No.4, 2 and No.0, 4, about 1.2 volts exist against Ground (No.3 terminal), in this case, No.0 is 4.7 volts and No.2 is variable.
- The output frequency of inverter is higher with No.2 voltage in getting much higher.

2. 調整機能

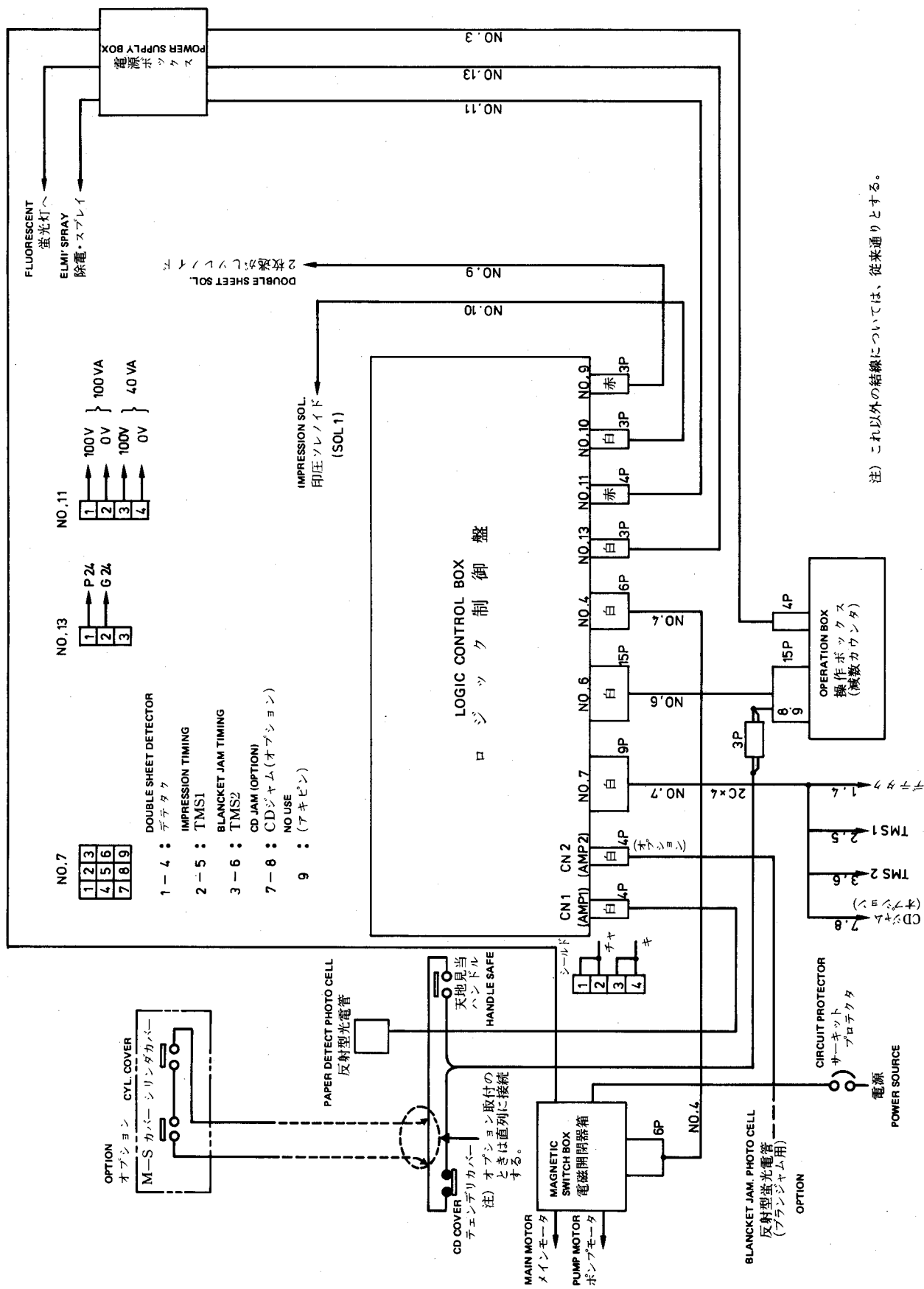
- (1) VR1 ソフトダウン設定
- (2) VR2 ソフトスタート設定
- (3) VR3 最低周波数調整
- (4) VR4 最高周波数調整
- (5) VR5 V/F調整：使用しないで下さい

Adjusting function

- (1) VR1 Setting of softdown
- (2) VR2 Setting of softstart
- (3) VR3 Adjustment of minimum speed
- (4) VR4 Adjustment of muximum speed
- (5) VR5 V/F adjustment : Don't use.

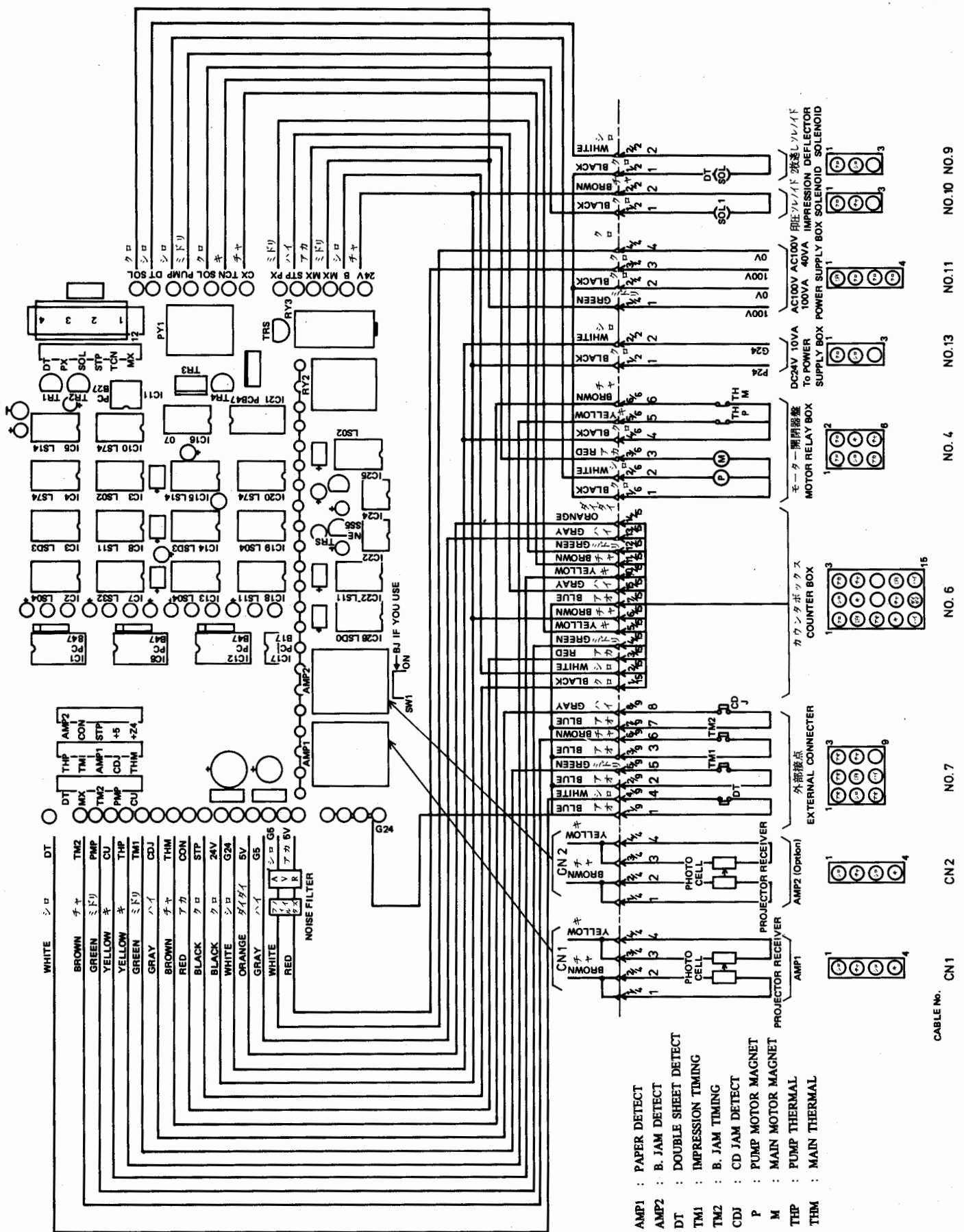


611CD, 612CD ELECTRIC WIRING (HV-2440 ~)

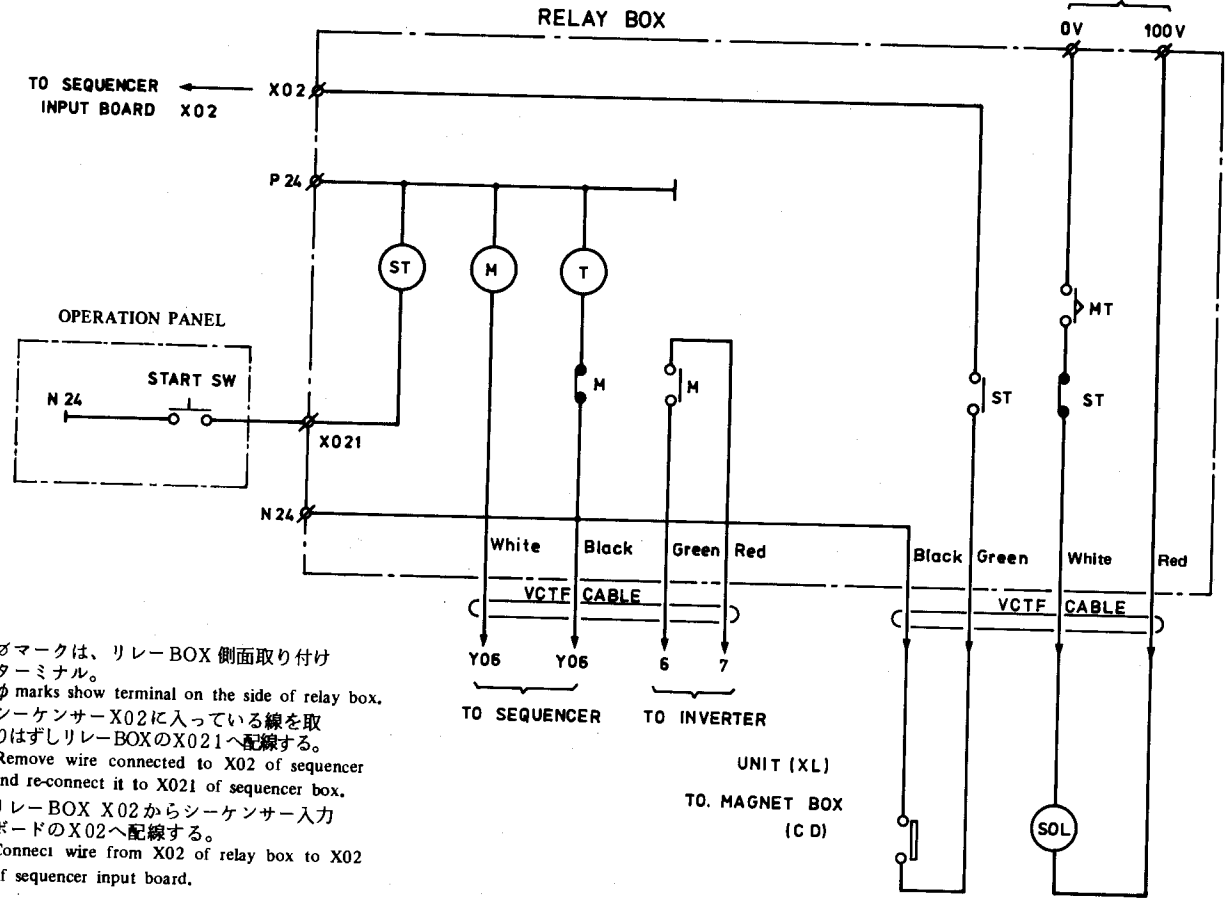


(注) これ以外の結線については、従来通りとする。

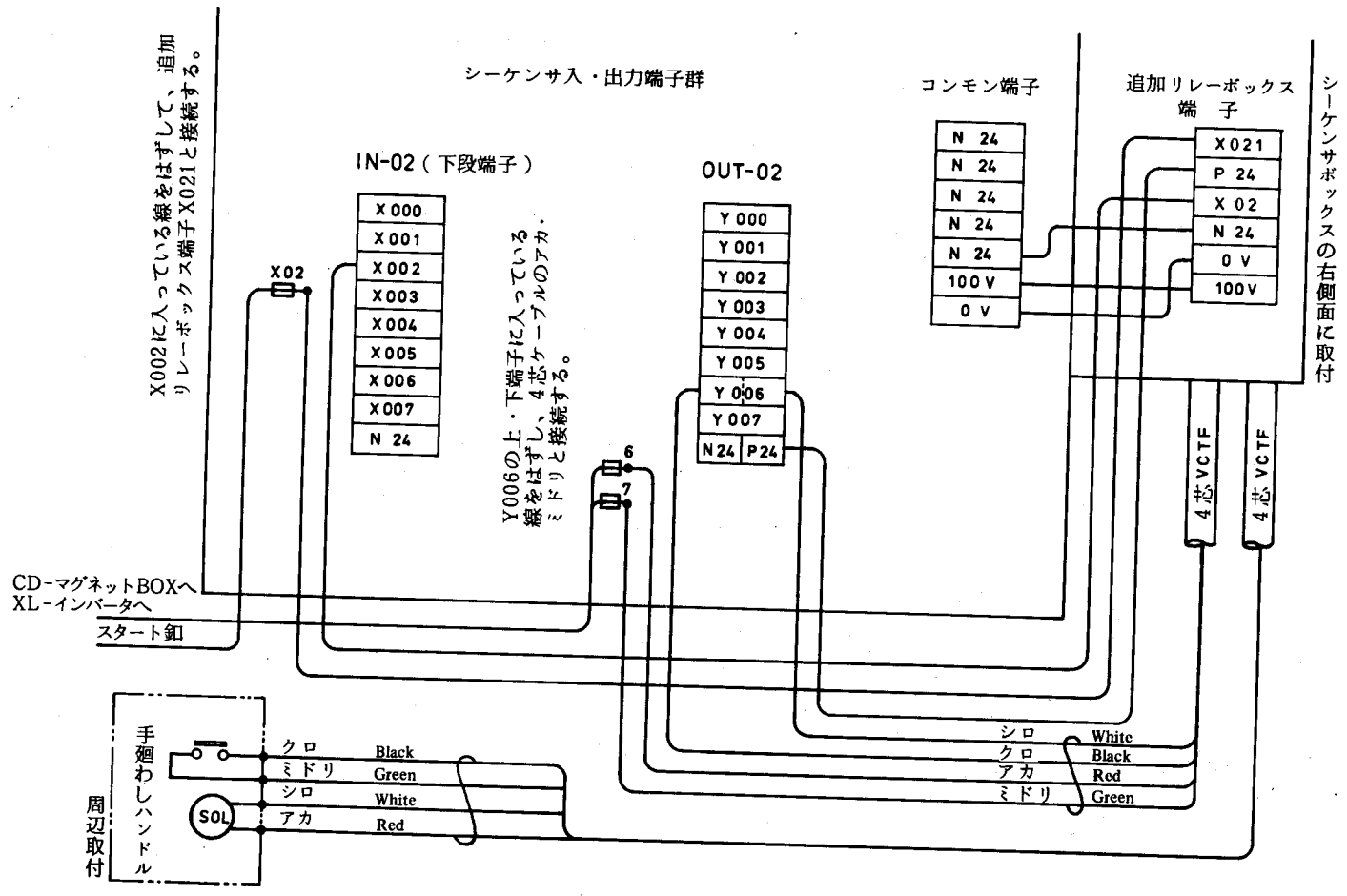
611CD , 612CD ELECTRIC WIRING (HV-2440 ~)



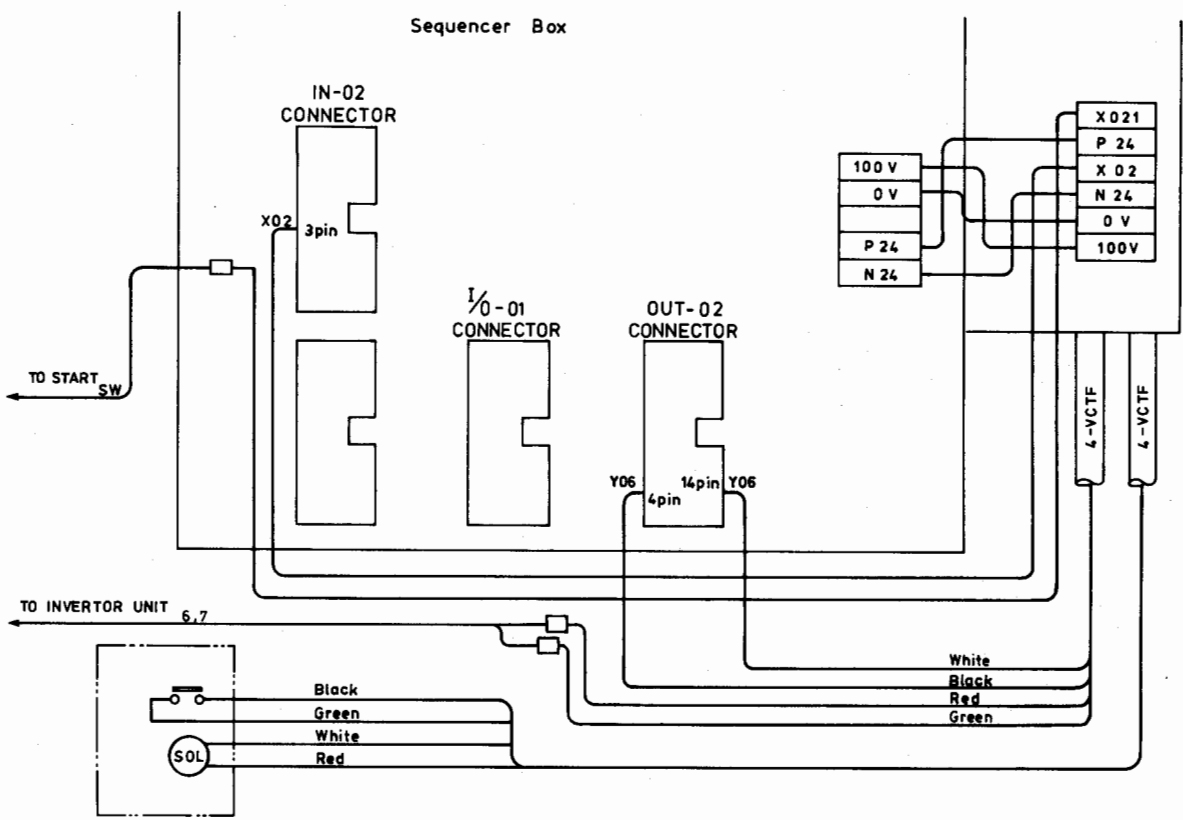
シーケンサ右側の0.100V 端子へ
To terminal 0, 100V at right on sequencer



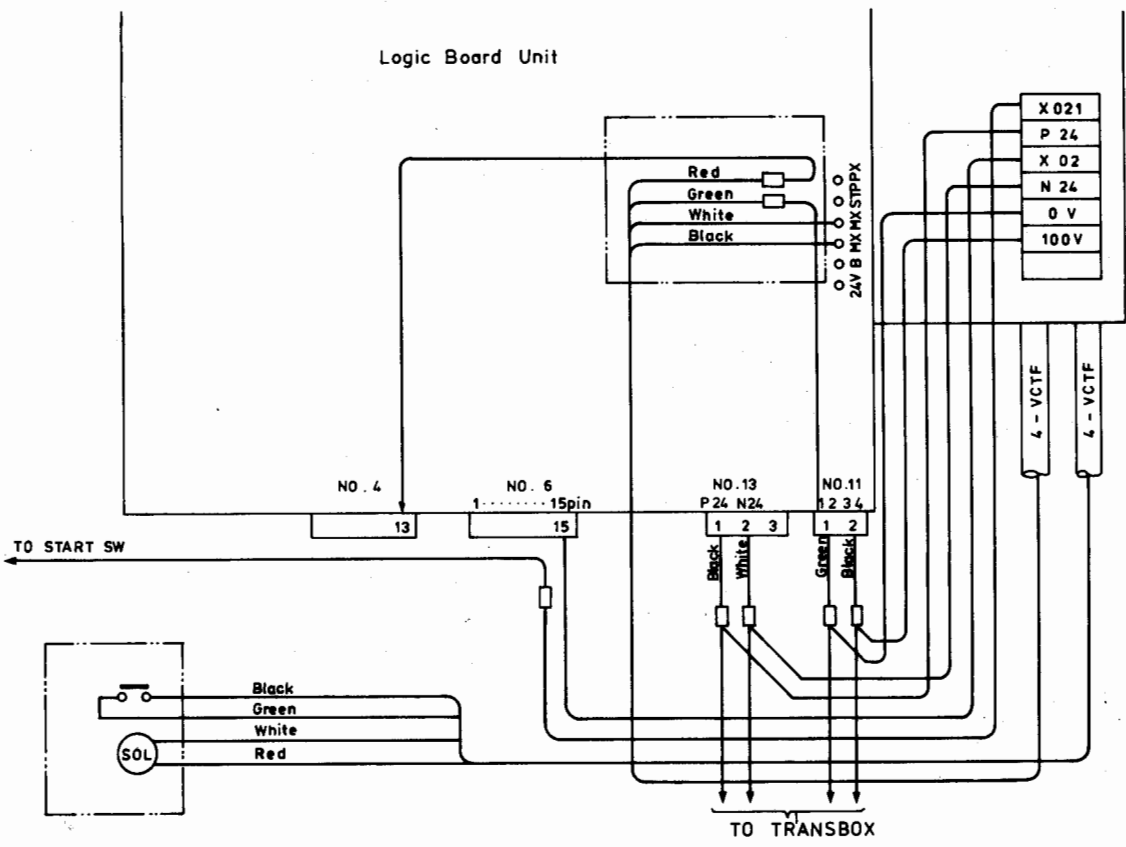
- 注1) φマークは、リレーBOX 側面取り付けターミナル。
φ marks show terminal on the side of relay box.
- 2) シーケンサX02に入っている線を取りはずしリレーBOXのX021へ配線する。
Remove wire connected to X02 of sequencer and re-connect it to X021 of sequencer box.
- 3) リレーBOX X02からシーケンサ入力ボードのX02へ配線する。
Connect wire from X02 of relay box to X02 of sequencer input board.



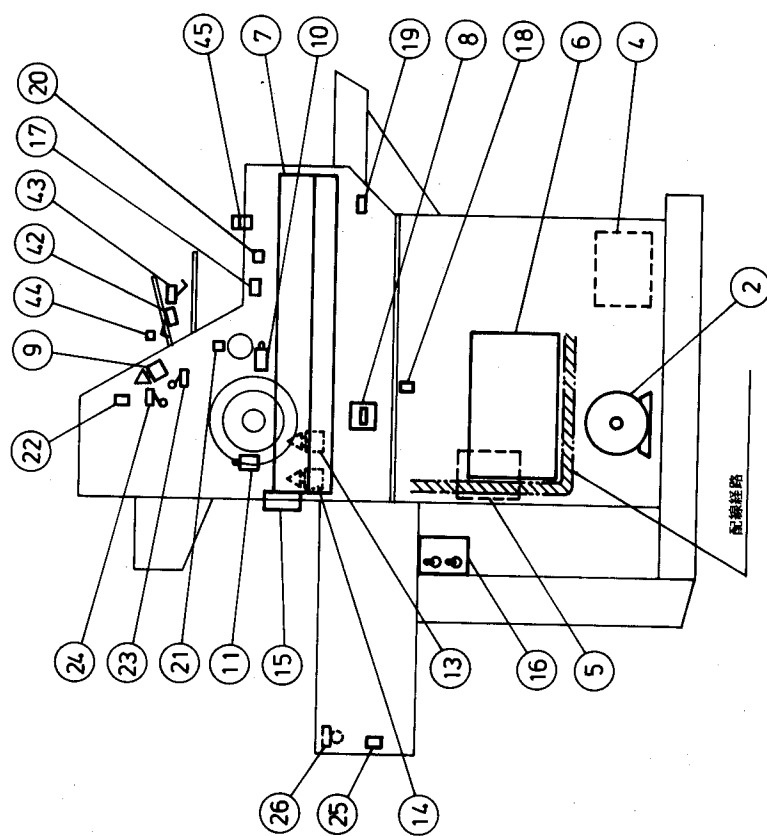
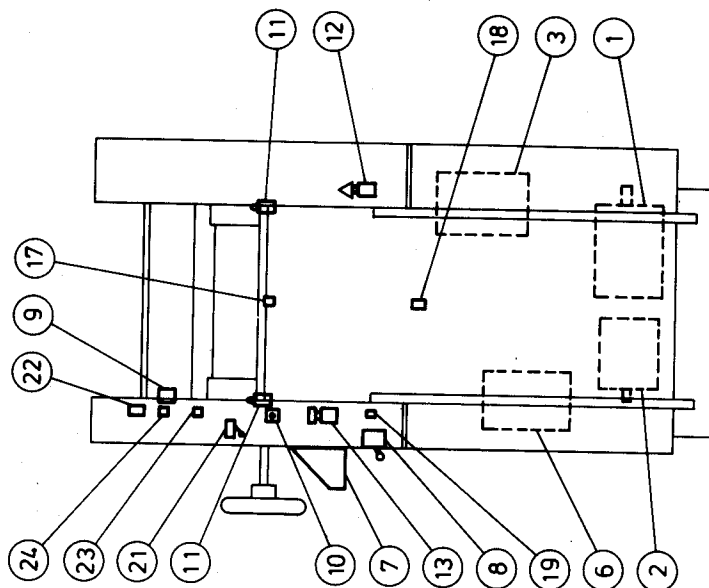
611XL/612XL HV-2440 ~
(Sequencer Unit of Connector Type)



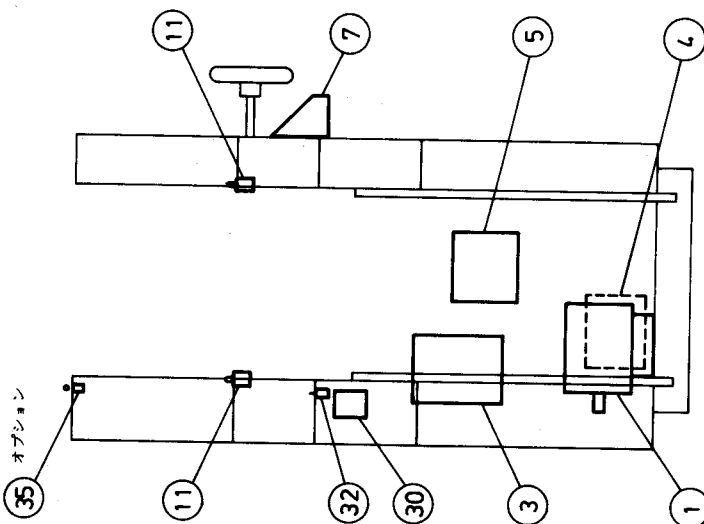
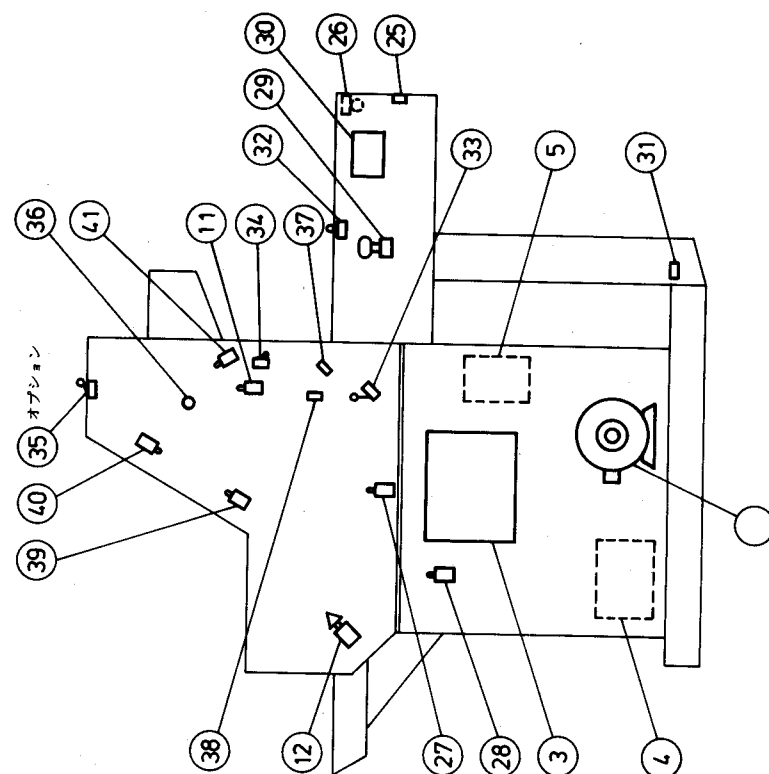
611CD/612CD HV-2440 ~



1	本機モータ MAIN MOTOR	E01-73-3 (3φ200V) E01-65-3 (3φ100V)	11	ブランクレーサソレノイド BLANK CLEANER SOLENOID SOL-B	E09-25-3	21	天地ハンドル安全リミット HANDLE SAFETY LIMIT SW	E10-07-3
2	ポンプモータ PUMP MOTOR	E01-09-3 (3相) E01-01-1-3 (単相)	12	2枚通しソレノイド DOUBLE SHEET SOLENOID AC-SOL	E09-02-02-3	22	OP～Sカバー安全リミット COVER SAFETY LIMIT SW (OP-S)	E10-30-3
3	インバータユニット INVERTOR UNIT	ES0-54-A3(20V) ES0-61-A3(100V) ES0-71-A3(200V) ES0-75-A3(200/20V)	13	シングルレバー前進ソレノイド SINGLE LEVER FORWARD SOL	E09-02-02-3	23	シングルレバー2リミット SINGLE LEVER 2-POSITION LIMIT SW LS-2	E10-31-3
4	電源ボックス POWER SUPPLY BOX	E53-53-1C-3 E53-53-1E-3	14	シングルレバー後進ソレノイド SINGLE LEVER BACKWARD SOL	E09-02-02-3	24	シングルレバー1リミット SINGLE LEVER 1-POSITION LIMIT SW LS-1	E10-31-3
5	モータスイッチボックス MOTOR SWITCH BOX	E50-59-1A-3 E50-59-1B-3	15	3-PUSH BOTTOM SWITCH 3-PUSH BOTTOM SWITCH	E51-28-1A-3	25	チェーンデリバリーリミット CHAIN DELIVERY JAM LIMIT SW	E10-38-3
6	シーケンサユニット SEQUENCER UNIT	E50-55-1C-3 E50-55-1D-3 E50-55-1F-3	16	デリバリースイッチパネル DELIVERY SWITCH PANEL		26	蛍光灯 FLUORESCENT	E24-09-3 (60Hz) E24-10-3 (50Hz)
7	操作・デジタル表示盤 DIGITAL DATA CONTROL PANEL	E51-35-1B-3 E51-48-1A-3 E51-35-1C-3 E51-49-1A-3	17	紙検出光電管 (給紙部) PAPER DETECTORS SENSOR	E26-29-1A-3	42	紙検出リミット MASTER DETECTOR LIMIT SW	E10-05-3
8	ブレーカ CIRCUIT PROTECTOR	E02-08-3 (20A) E02-10-3 (10A) E02-10-3 (15A)	18	紙検出光電管 (排紙部) PAPER DETECTOR SENSOR	E26-13-3	43	排紙確認リミット MASTER EJECTION CHECK LIMIT SW	E10-05-3
9	給排板ソレノイド INSERTION & EJECTION SOL	E09-02-02-3	19	紙検出検出リードスイッチ PAPER STOCK DETECTOR	E10-12-3	44	給排板スイッチ (マスター) MASTER INSERTION EJECTION SW	E13-78-01-3
10	印圧ソレノイド IMPRESSION SOLENOID SOL-1	E09-25-3	20	2枚検出器 DOUBLE SHEET DETECTOR		45	メタルコンソメント (7P) SOCKET	E14-15-3



1	本機モーター MAIN MOTOR	E01-73-3(200V) E01-65-3(100V)	30	除電トランス ELIMINATOR TRANS	E11-01-05-3	40	排紙ソレノイド(DC) EJECTION SOL	E09-07-3
3	インバータユニット INVERTOR UNIT	E0-53-3(200V) E0-72-3(200/220V) E0-65-3(100V) E0-75-3(200/220V)	31	排紙台下限スイッチ DELIVERY TABLE LOWER LIMIT SW	E10-12-3	41	P-B着ソレノイド(DC) P-B ON SOL	E09-39-3
4	電源ボックス POWER SUPPLY BOX	E53-53-1C-3 E53-53-1E-3	32	チェーンデリカバリーミット CHAIN DELIVERY SAFETY LIMIT SW	E10-07-3			
5	モータスイッチボックス MAGNET & THERMAL BOX	E50-59-1A-3 E50-59-1B-3	33	スプレーリミット SPRAY LIMIT SW	E10-20-3			
7	操作・デジタル表示盤 DIGITAL DATA CONTROL PANEL	E51-35-1B-3 E51-48-1A-3 E51-35-1C-3 E51-49-1A-3	34	M-Sカバーリミット COVER SAFETY LIMIT SW	E10-30-3			
11	フランクリーナソレノイド BLAN CLEANER SOLENOID SOL	E09-25-3	35	インキカバーリミット INK COVER SAFETY LIMIT SW	E10-07-3			
12	2枚通かしソレノイド DOUBLE SHEET SOLENOID AC-SOL	E09-02-02-3	36	給排紙タイミング TIMING SW TMS-3	E26-37-3			
27	給紙停止ソレノイド FEED STOP SOLENOID SOL-2	E09-25-3	37	プランジャムタイミング TIMING SW TMS-2	E10-13-3			
28	エア吹きソレノイド AIR BLOW SOLENOID SOL-A	E09-25-3	38	印圧タイミング TIMING SW TMS-1	E10-13-3			
29	スプレーソレノイド SPRAY VALVE SOLENOID	E09-27-3	39	給紙ソレノイド(DC) INSERTION SOL	E09-07-3			

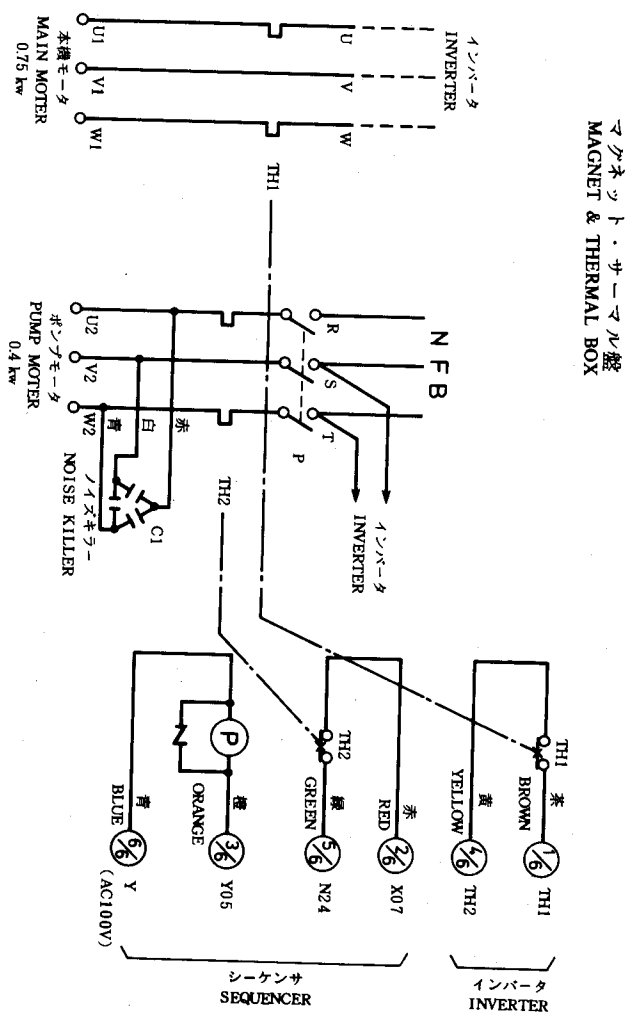


単相電源
FOR 1 PHASE POWER
100 / 110 V
200 / 220 V

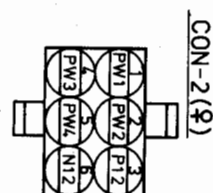
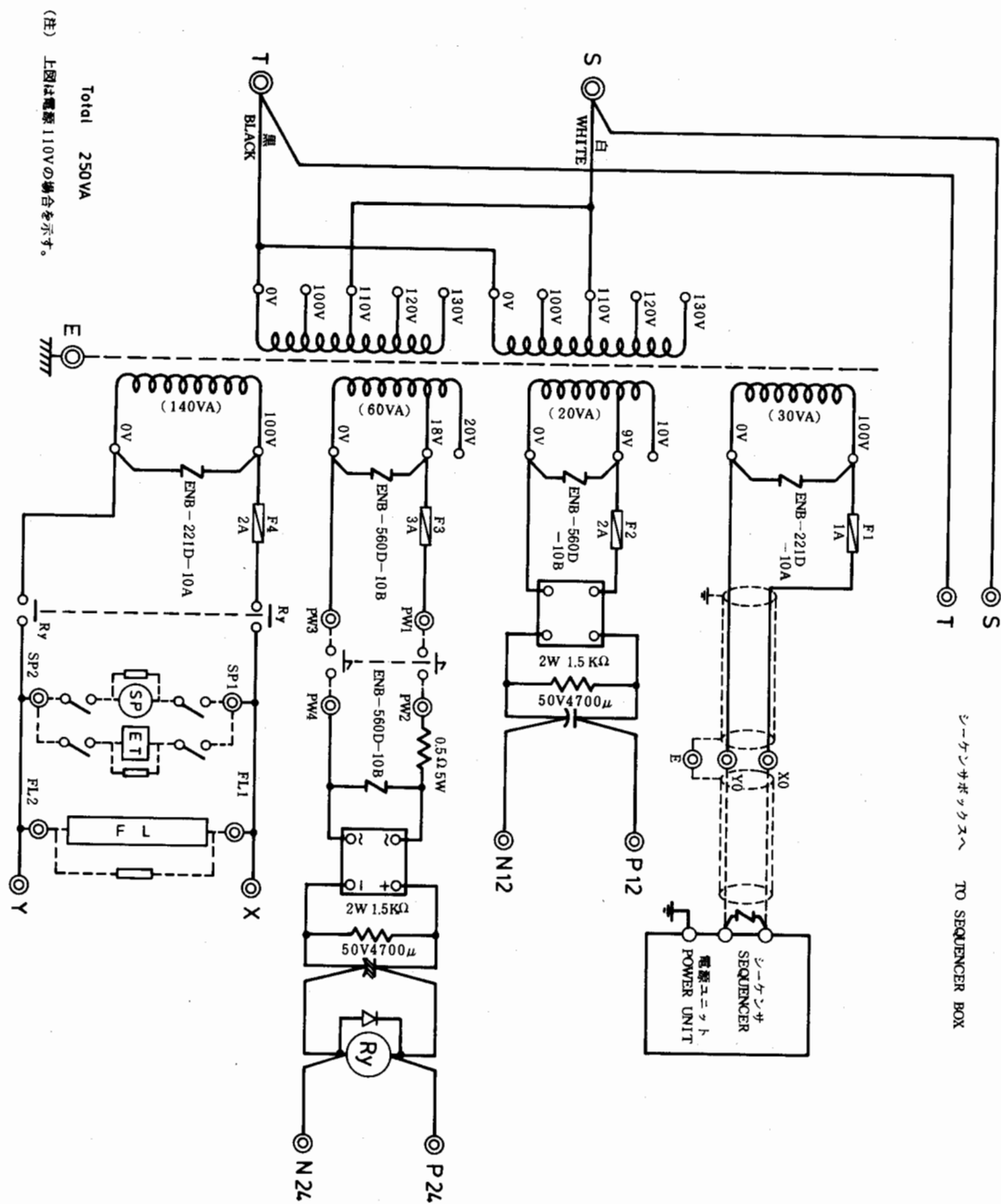
モーター開閉器蓋へ
TO MAGNET & THERMAL BOX

3 相電源
FOR 3 PHASE POWER
200 / 220 V

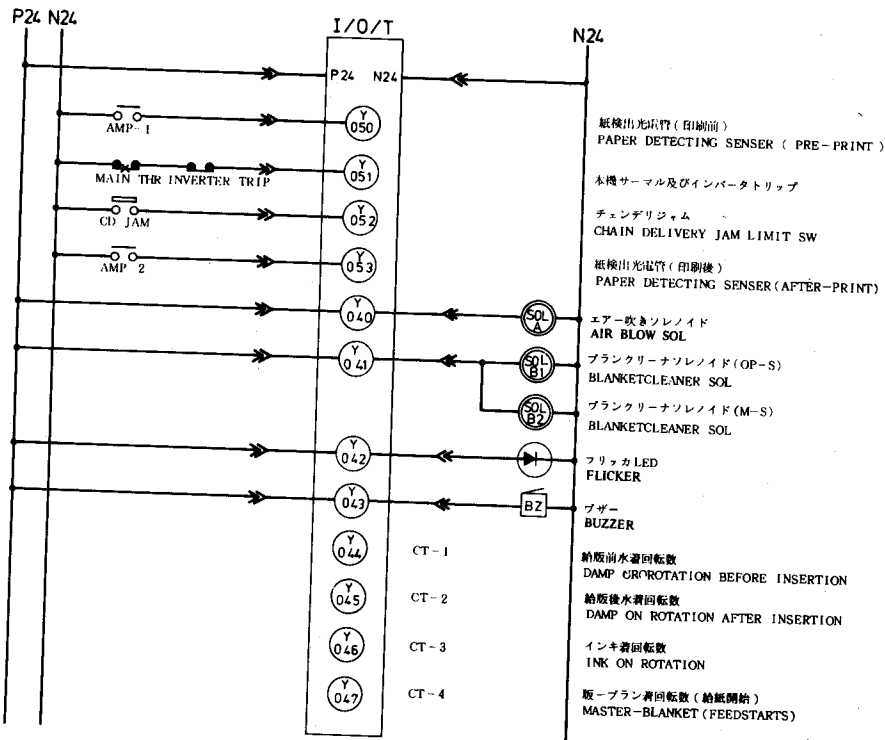
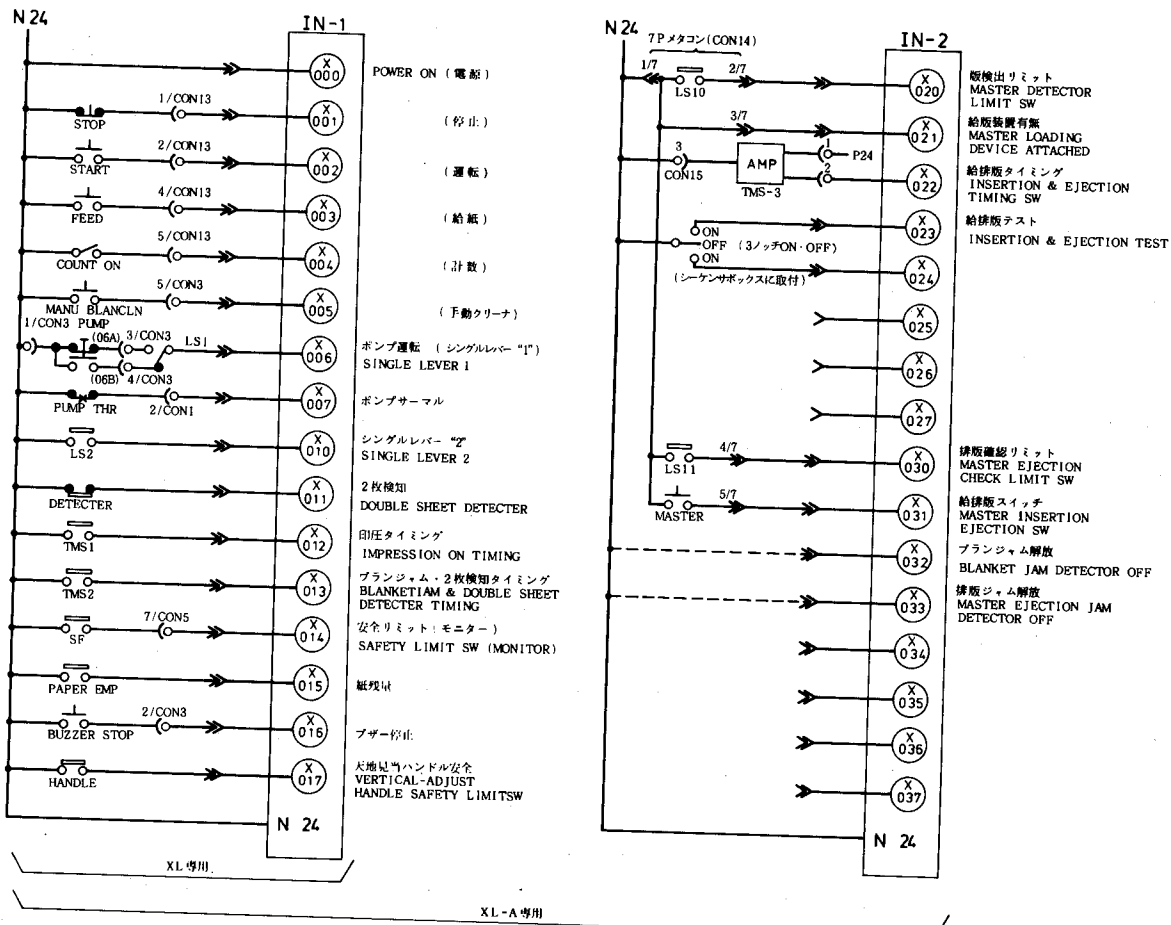
モーター開閉器蓋へ
TO MAGNET & THERMAL BOX



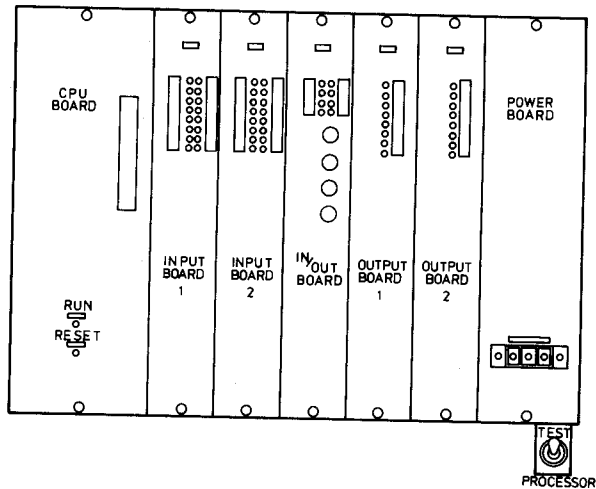
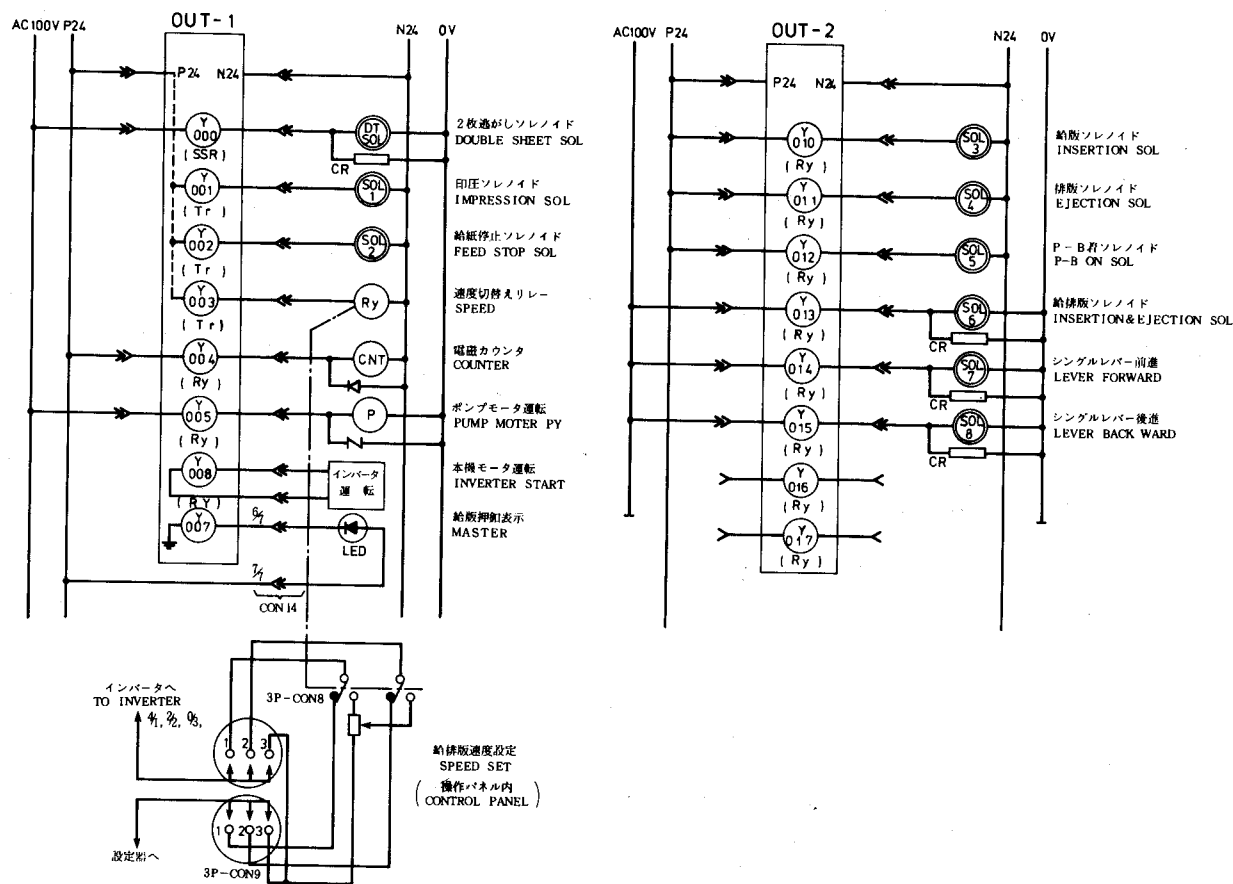
611XLA/612XLA ELECTRIC WIRING



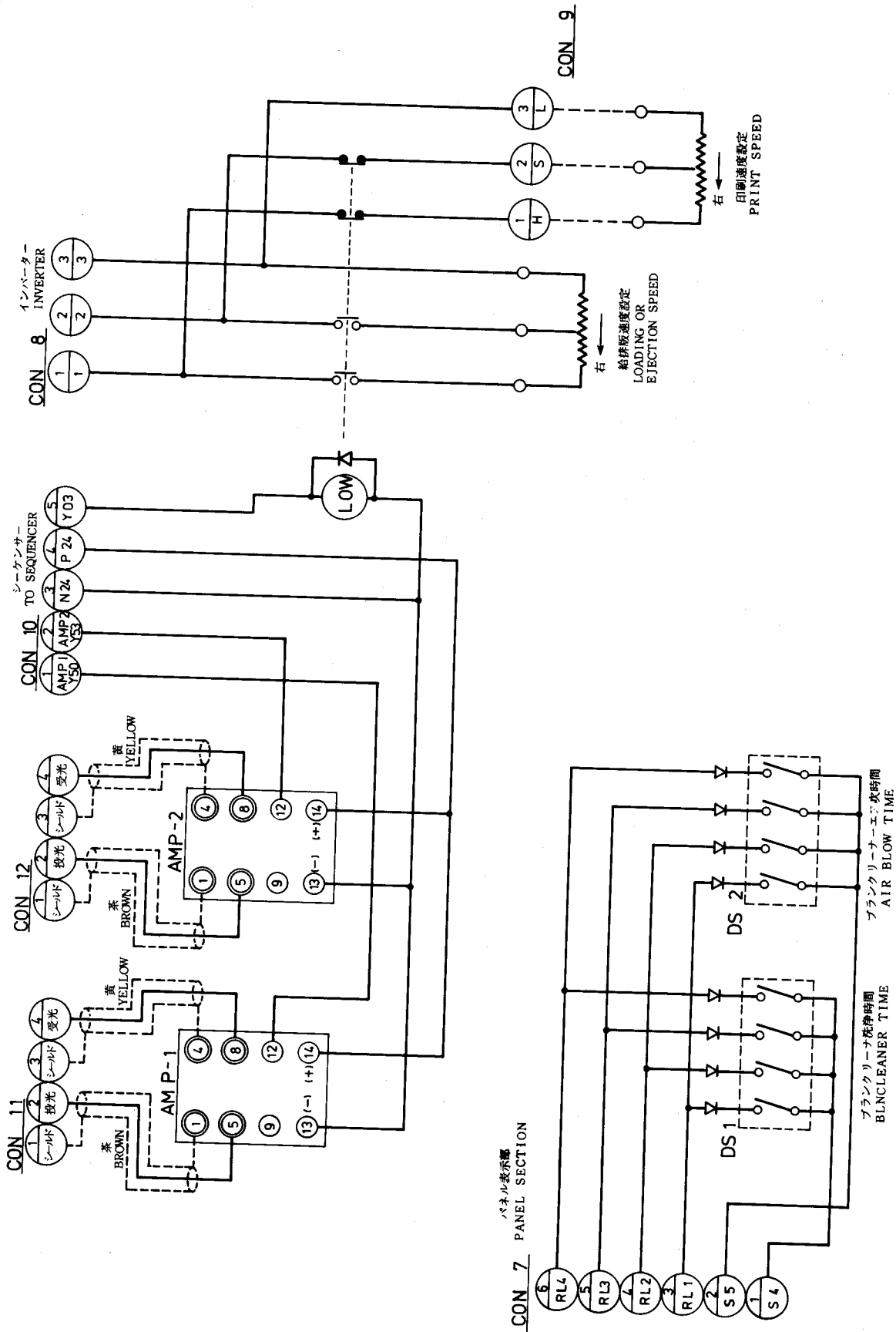
611XLA/612XLA ELECTRIC WIRING



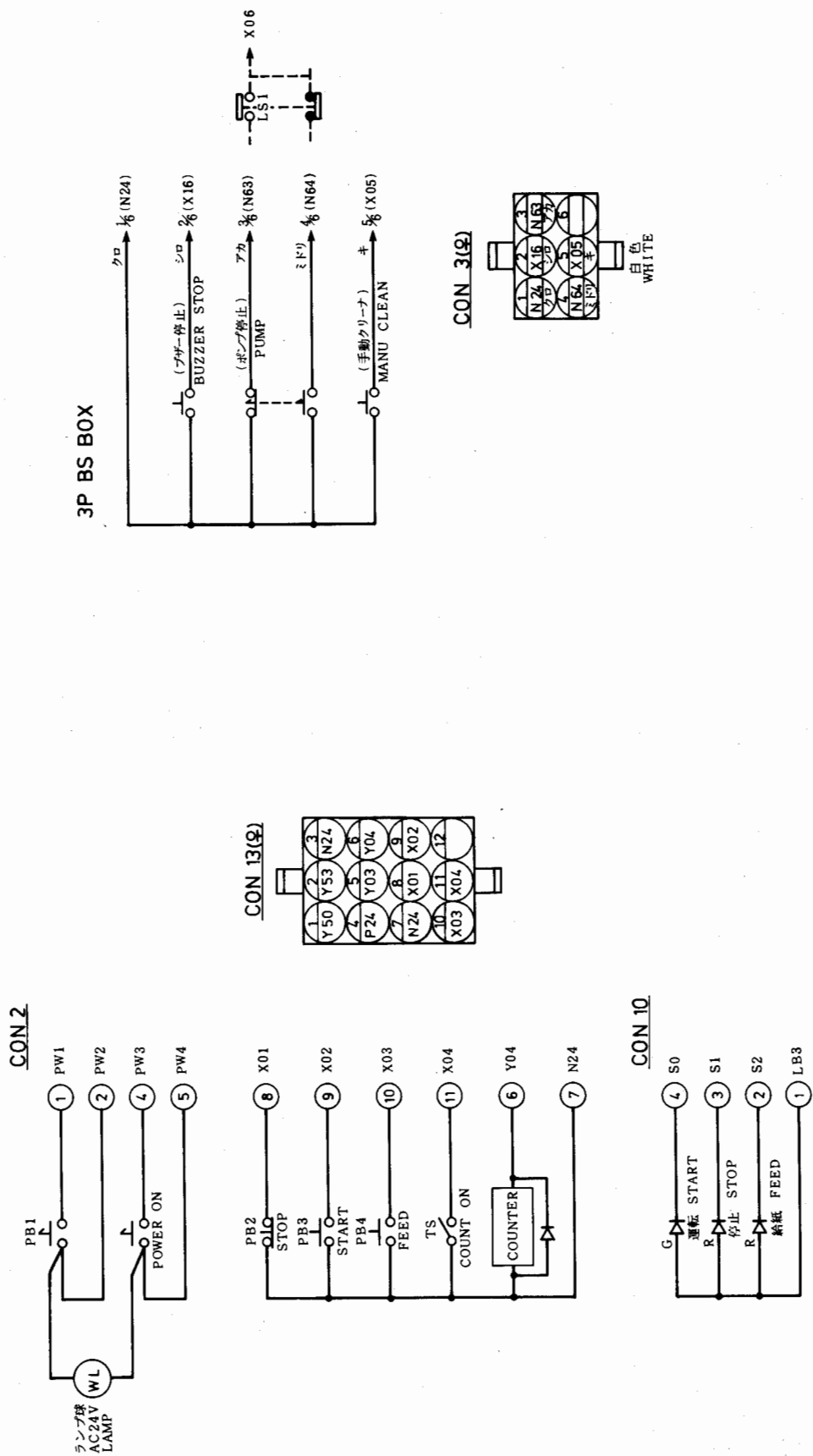
611XLA/612XLA ELECTRIC WIRING



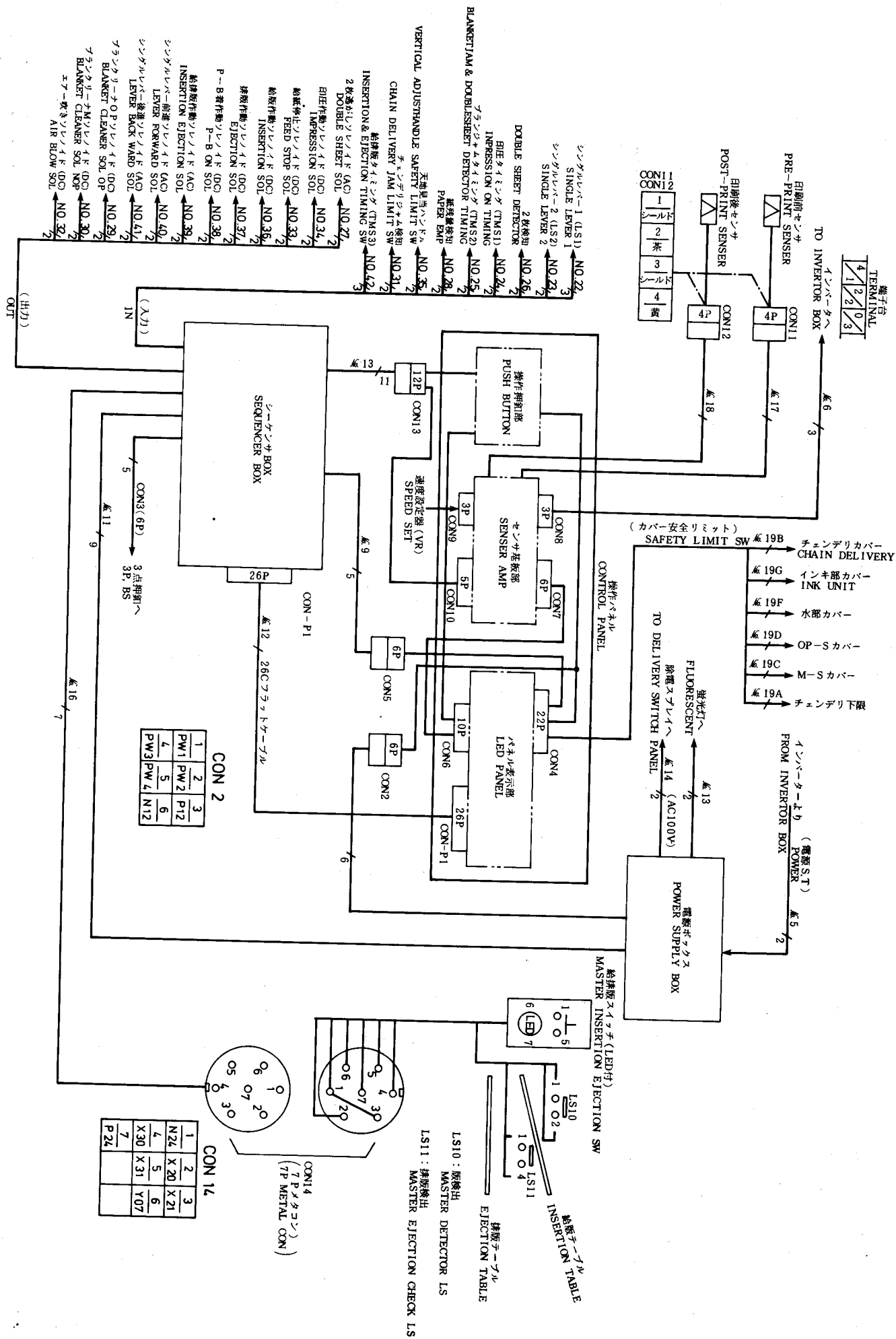
611XLA/612XLA ELECTRIC WIRING



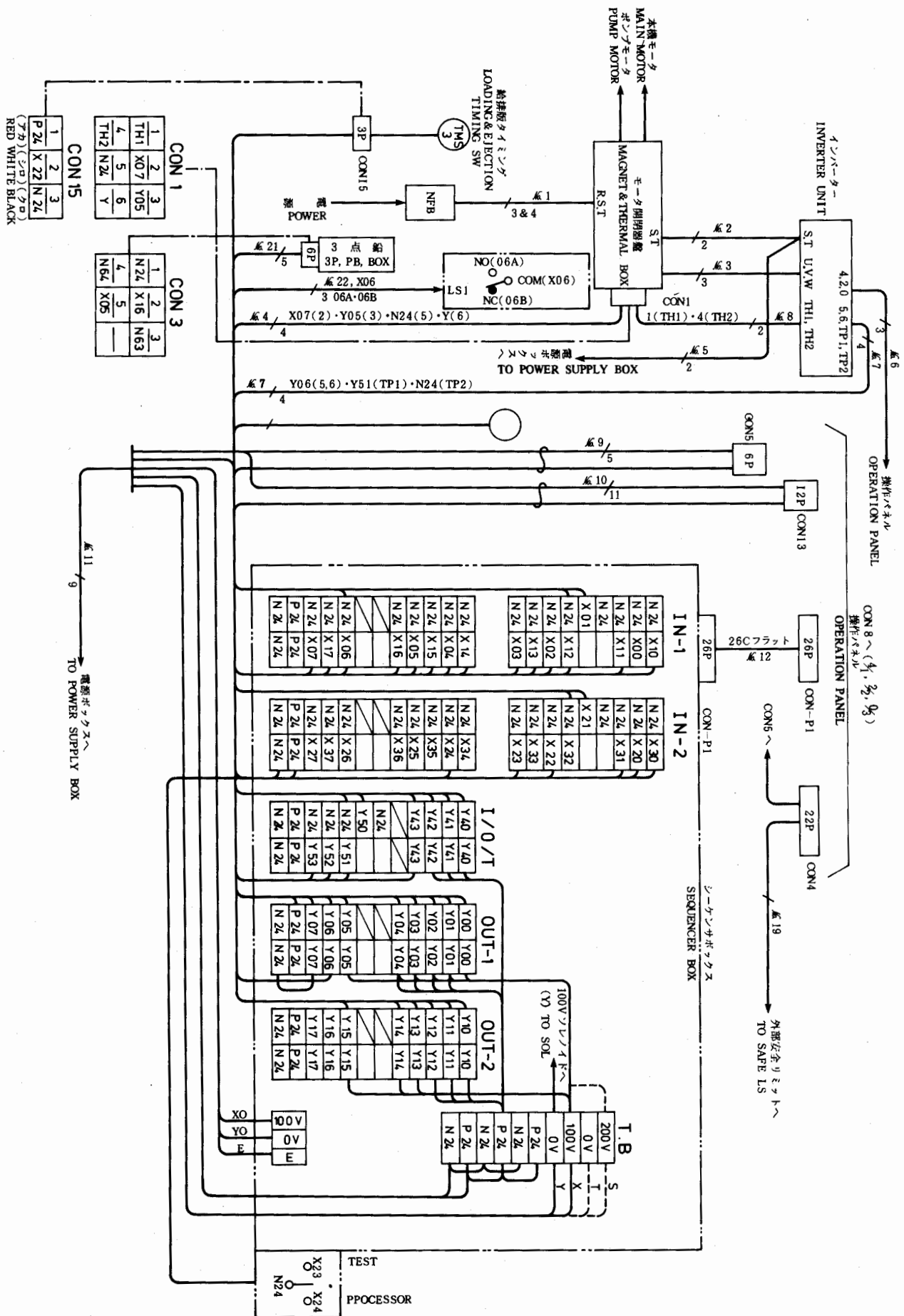
611XLA/612XLA ELECTRIC WIRING



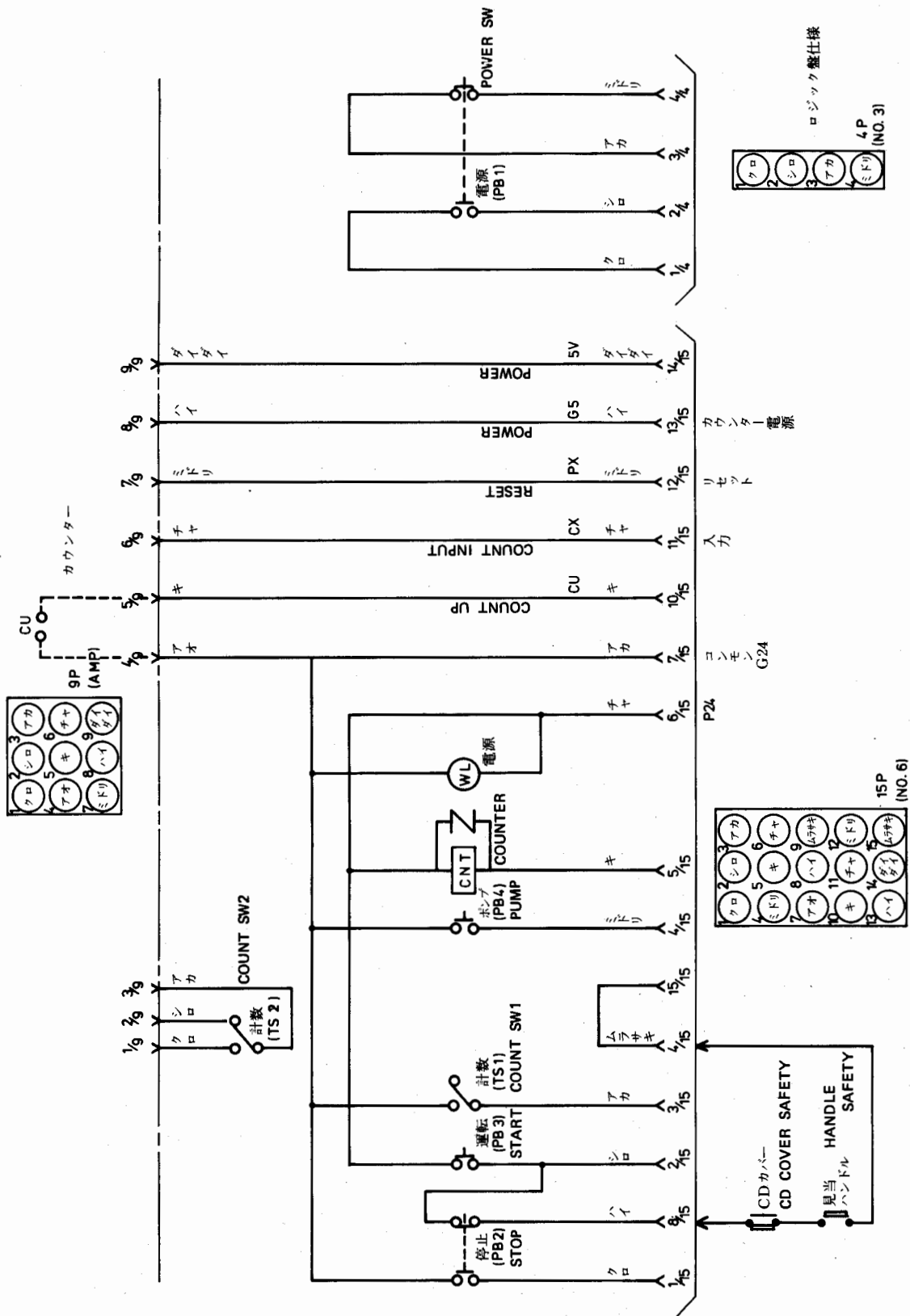
611XLA/612XLA ELECTRIC WIRING



611XLA/612XLA ELECTRIC WIRING

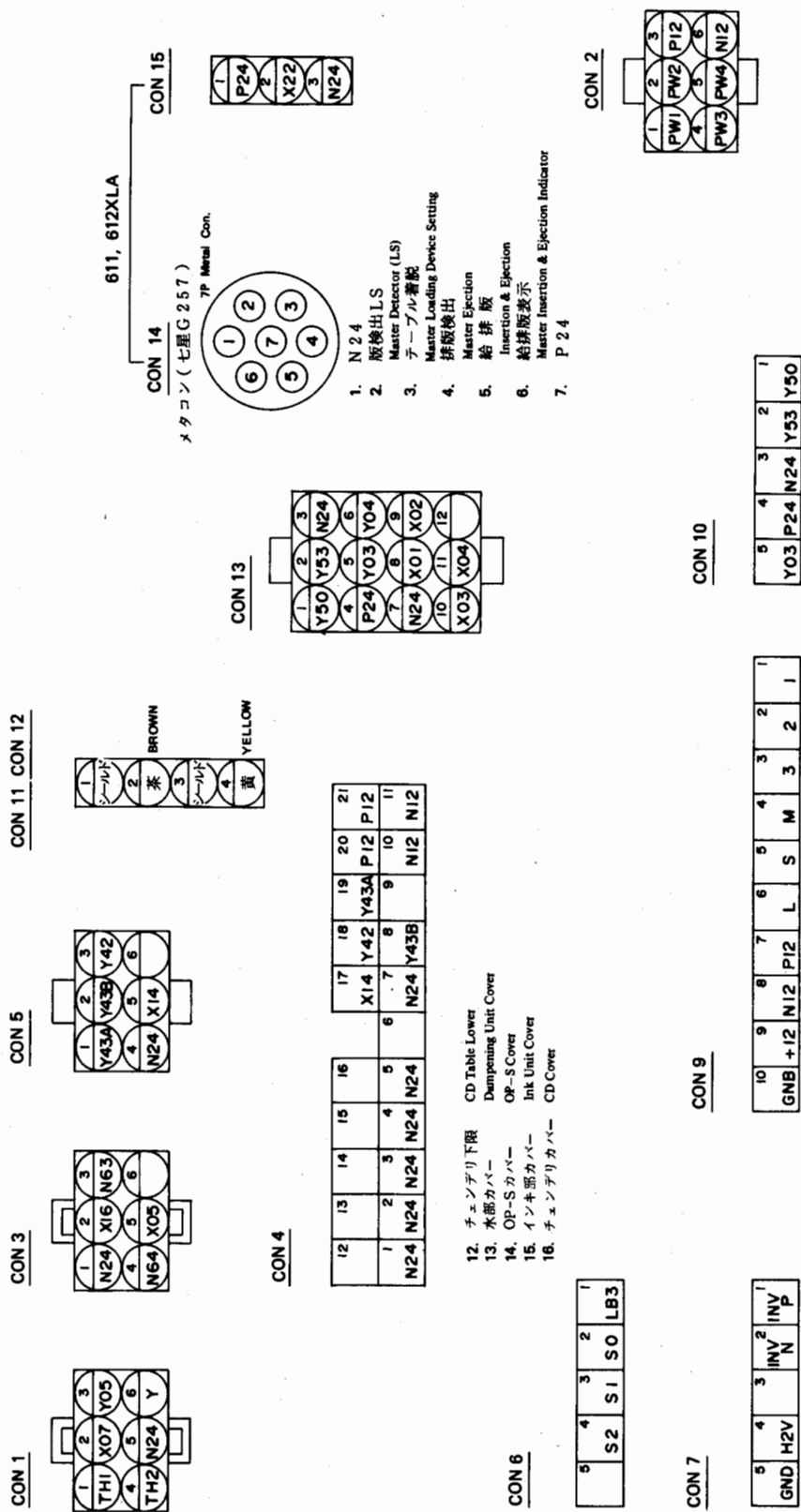


611CD , 612CD OPERATION BOX (HV-2440 ~)



611, 612XL : HV-3998 ~
611, 612XLA : HV-3986 ~

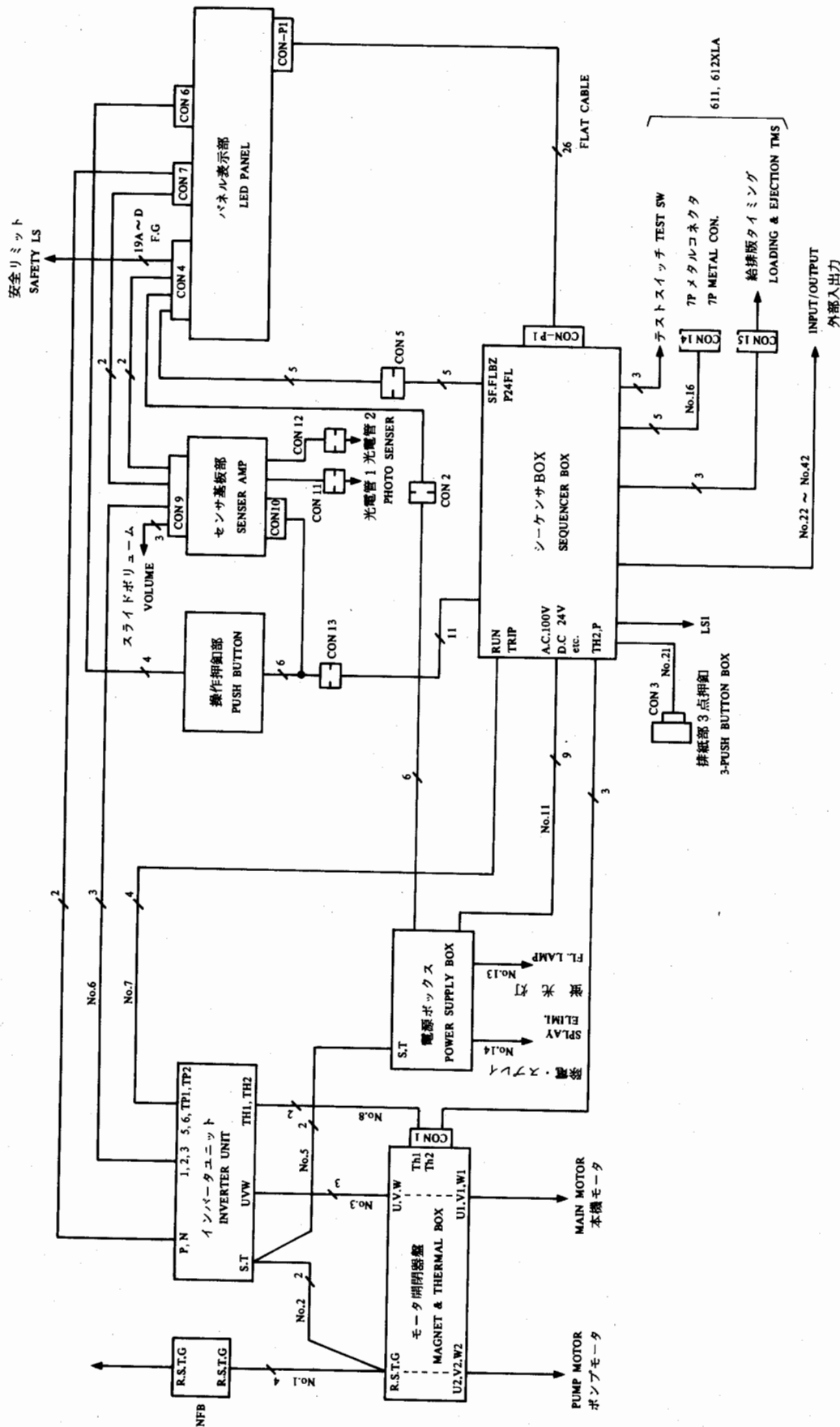
ELECTRIC WIRING



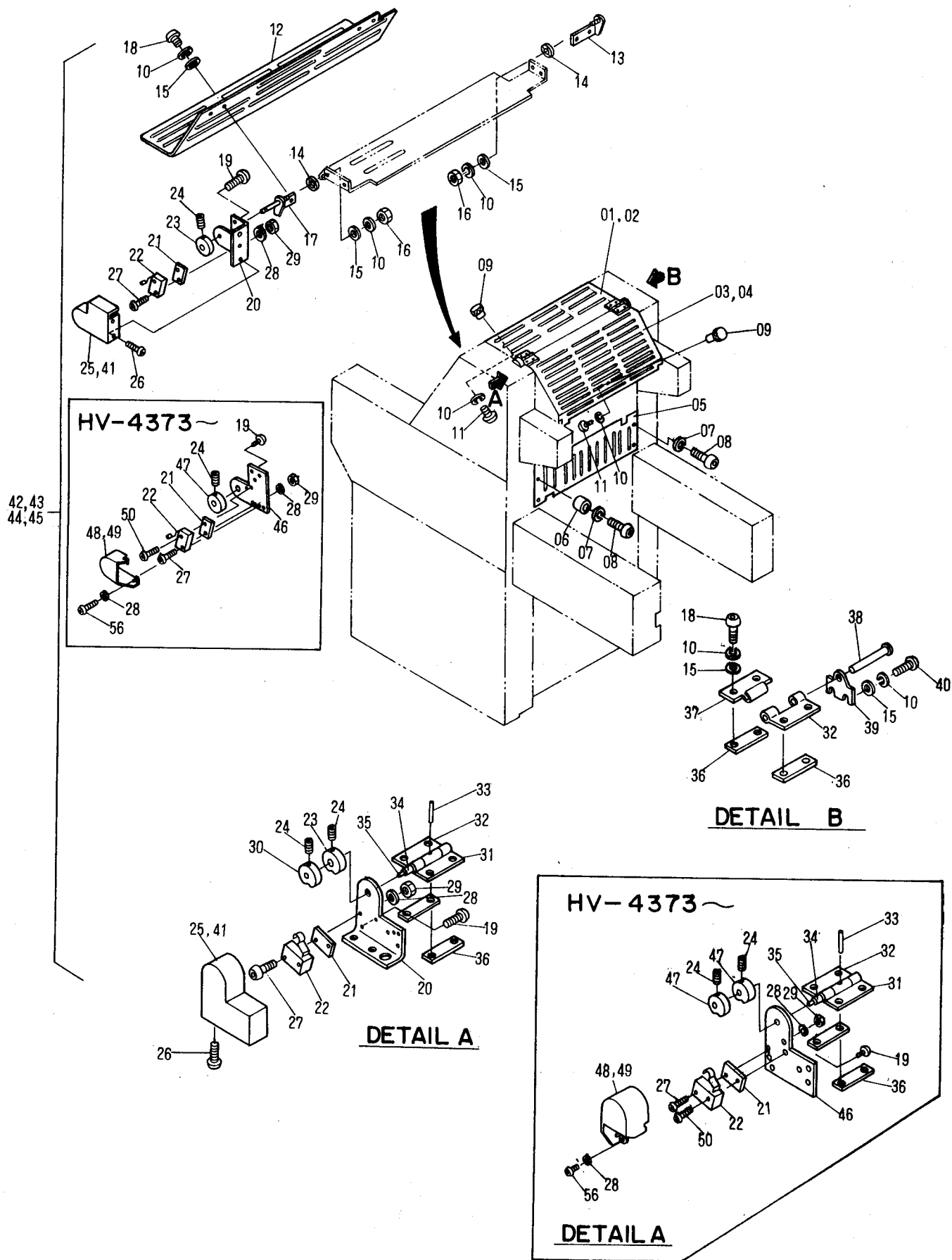
611, 612XL : HV-3998 ~

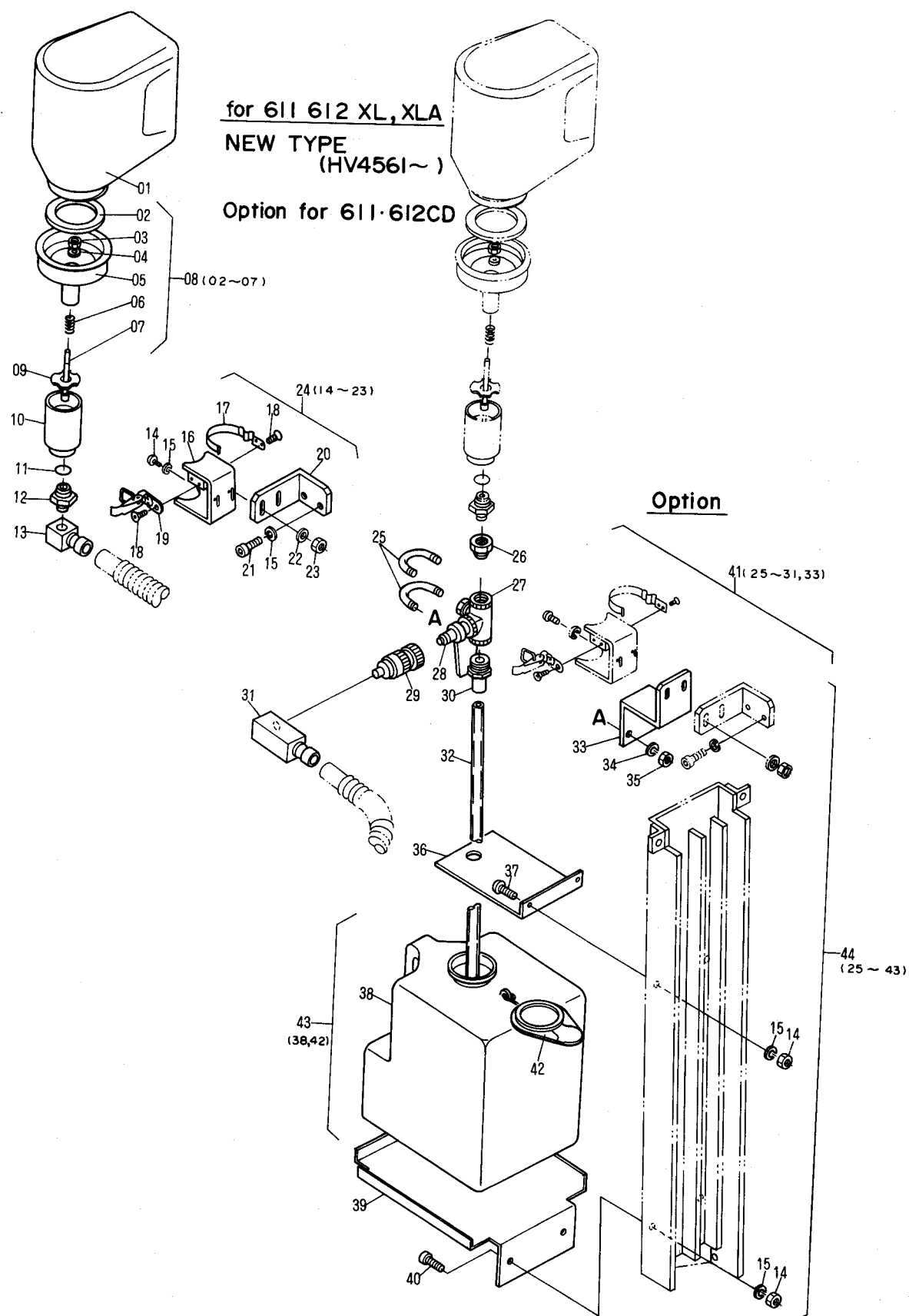
611, 612XLA : HV-3986 ~

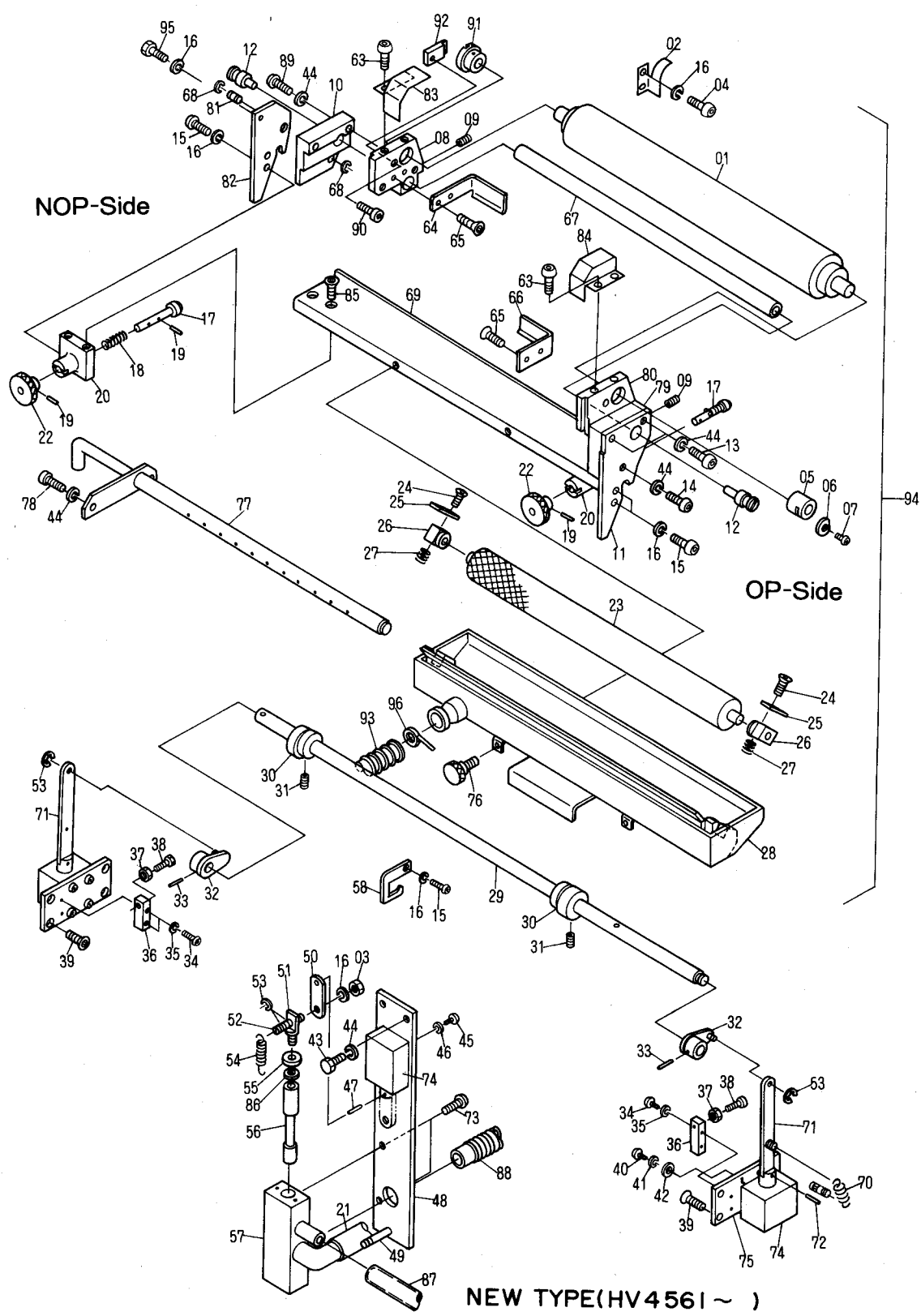
ELECTRIC WIRING

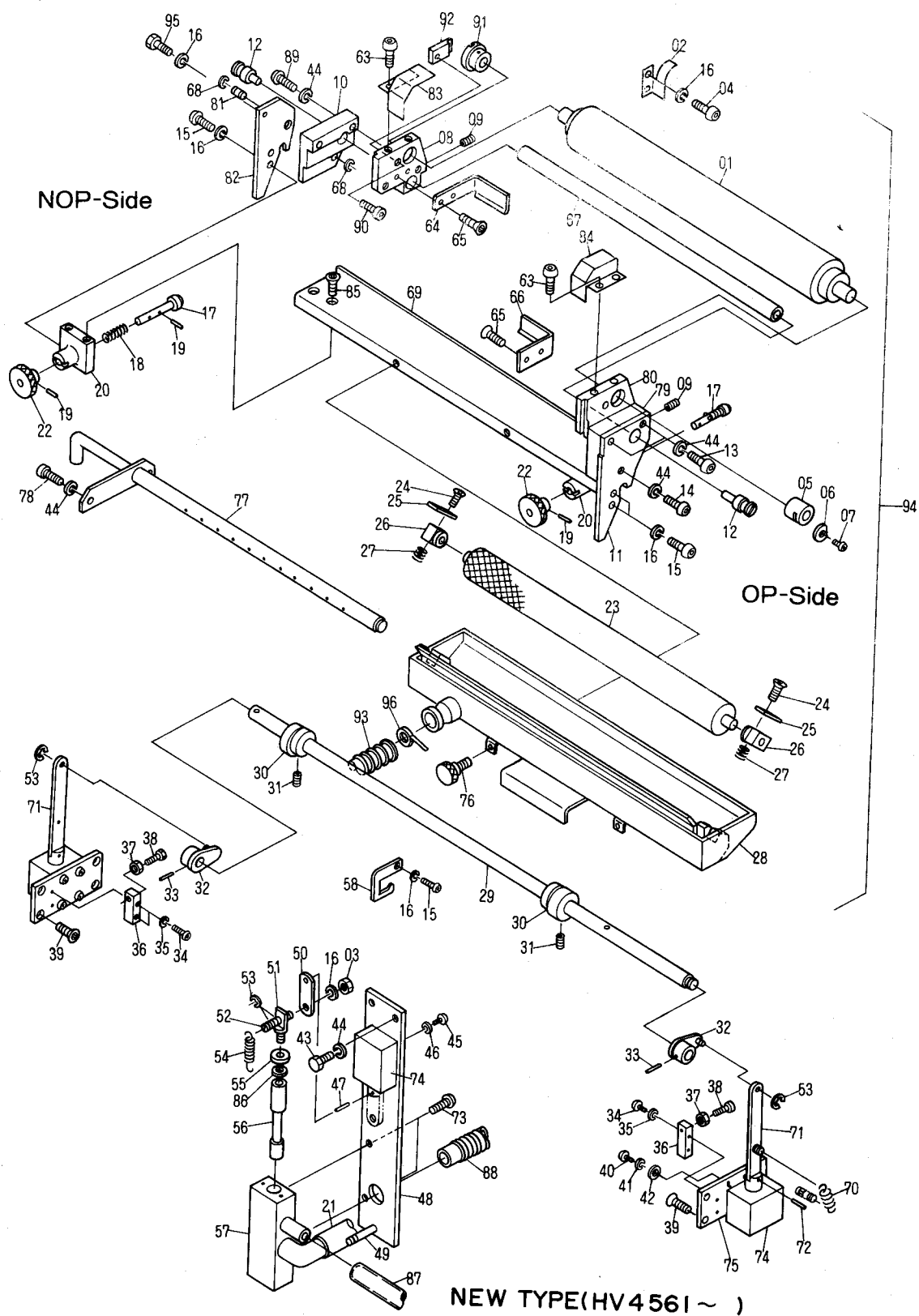


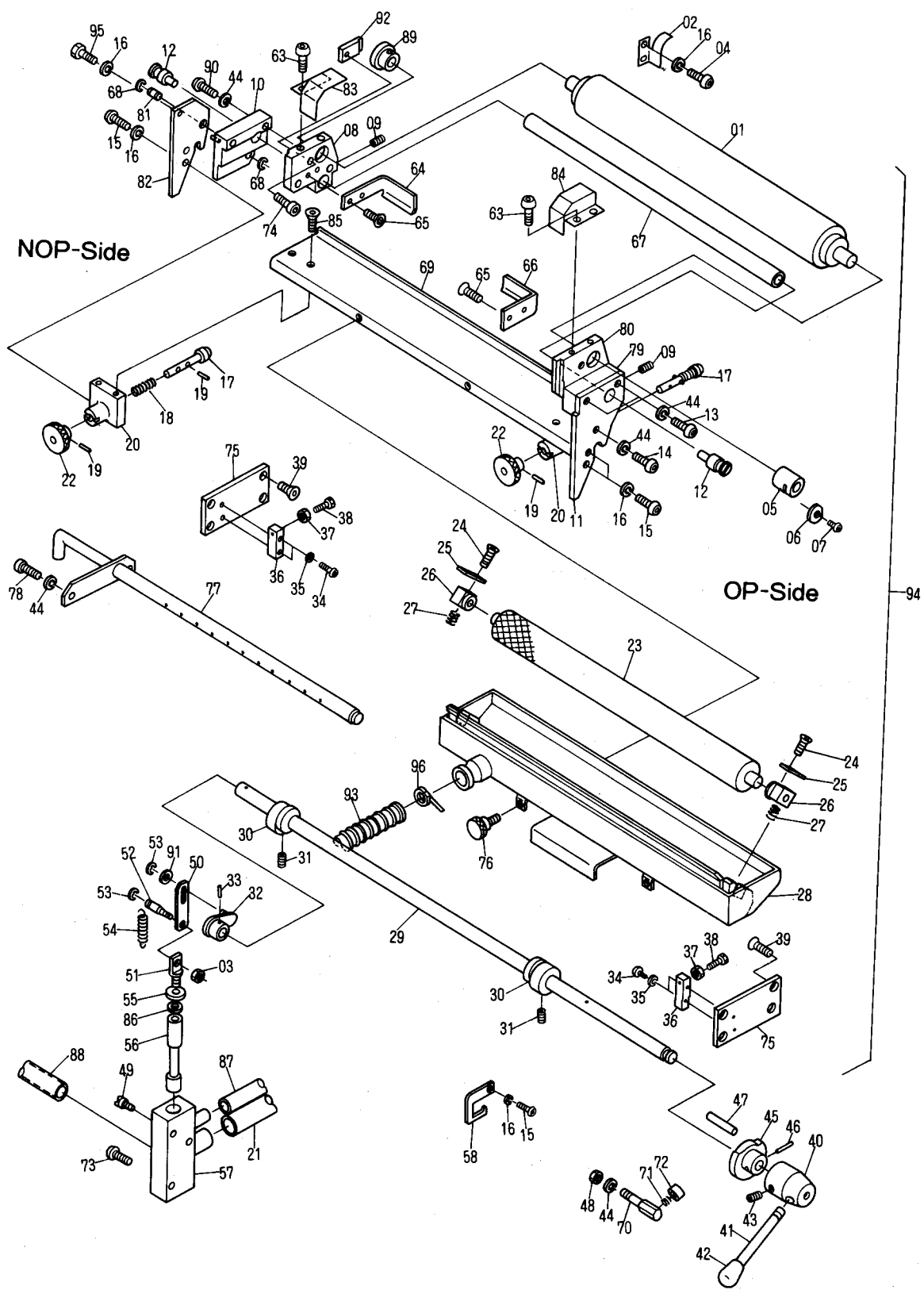
- No.19A 排紙台下限 CD TABLE LOWER LS
- 19B チェデリカカバー CD COVER SAFETY LS
- 19C NOP-Sカバー NOP-S COVER SAFETY LS
- 19D OP-Sカバー OP-S COVER SAFETY LS
- 19E 水部カバー DAMPING UNIT COVER SAFETY LS
- 19F インキ部カバー INK UNIT COVER SAFETY LS

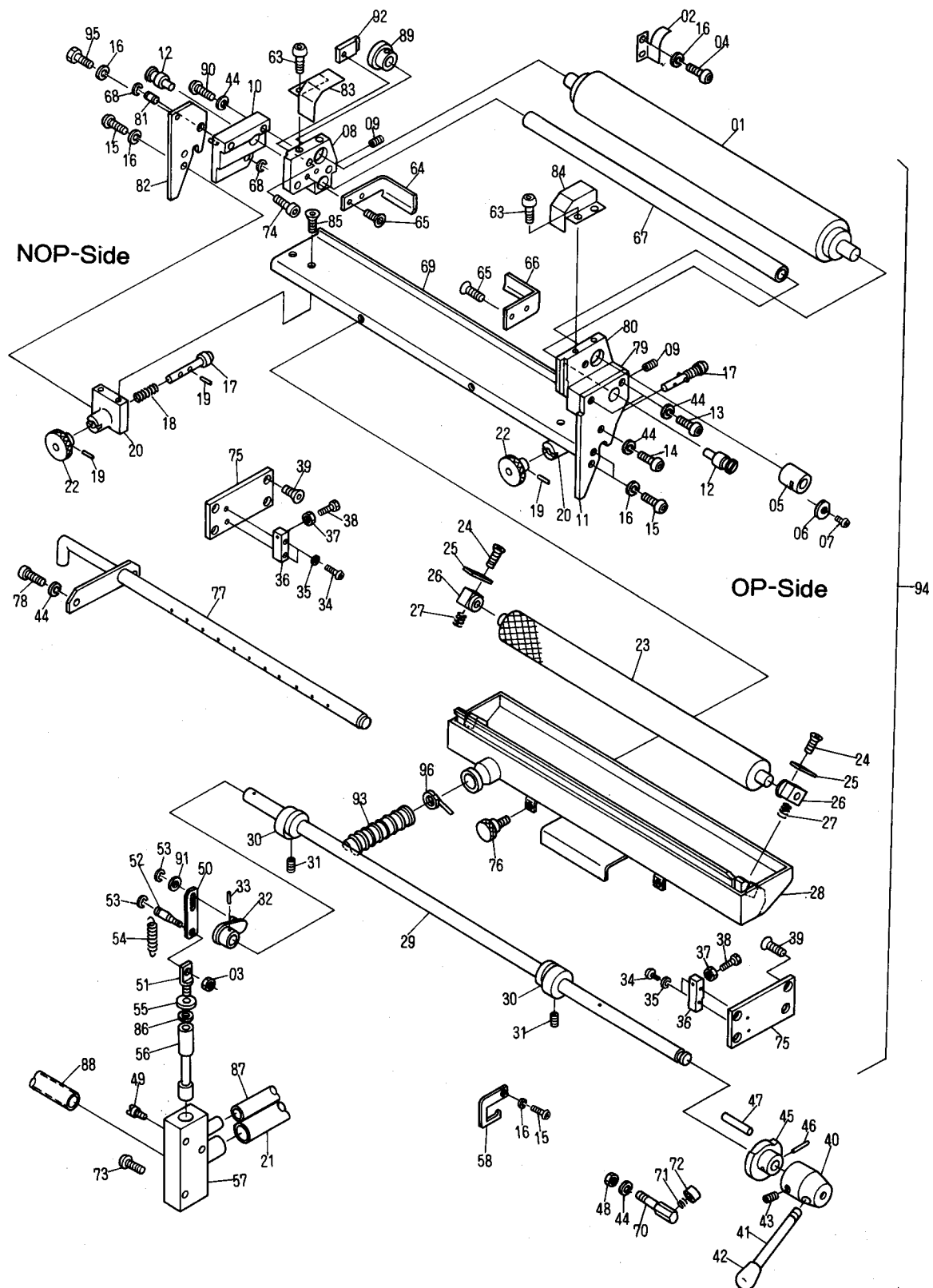


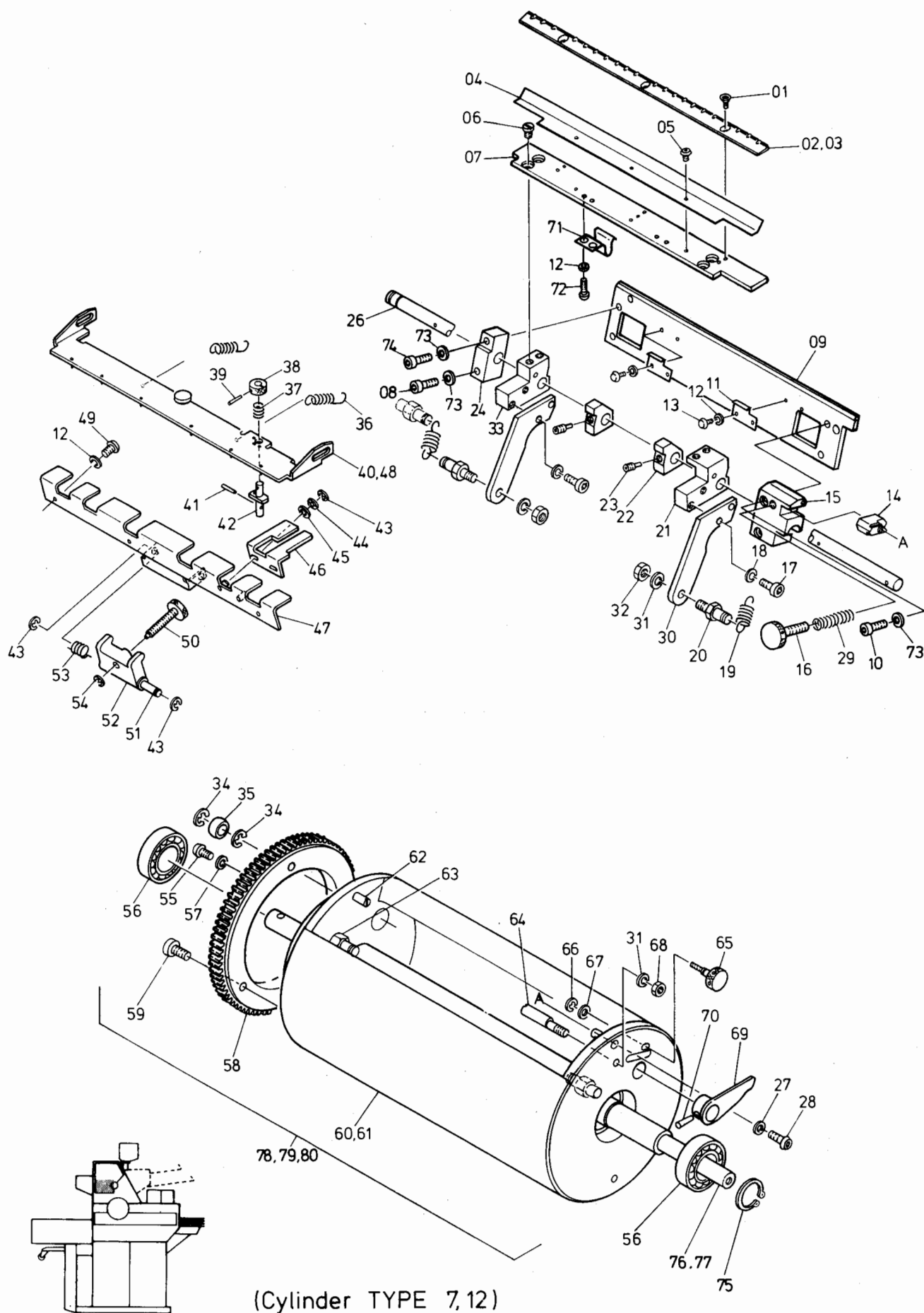


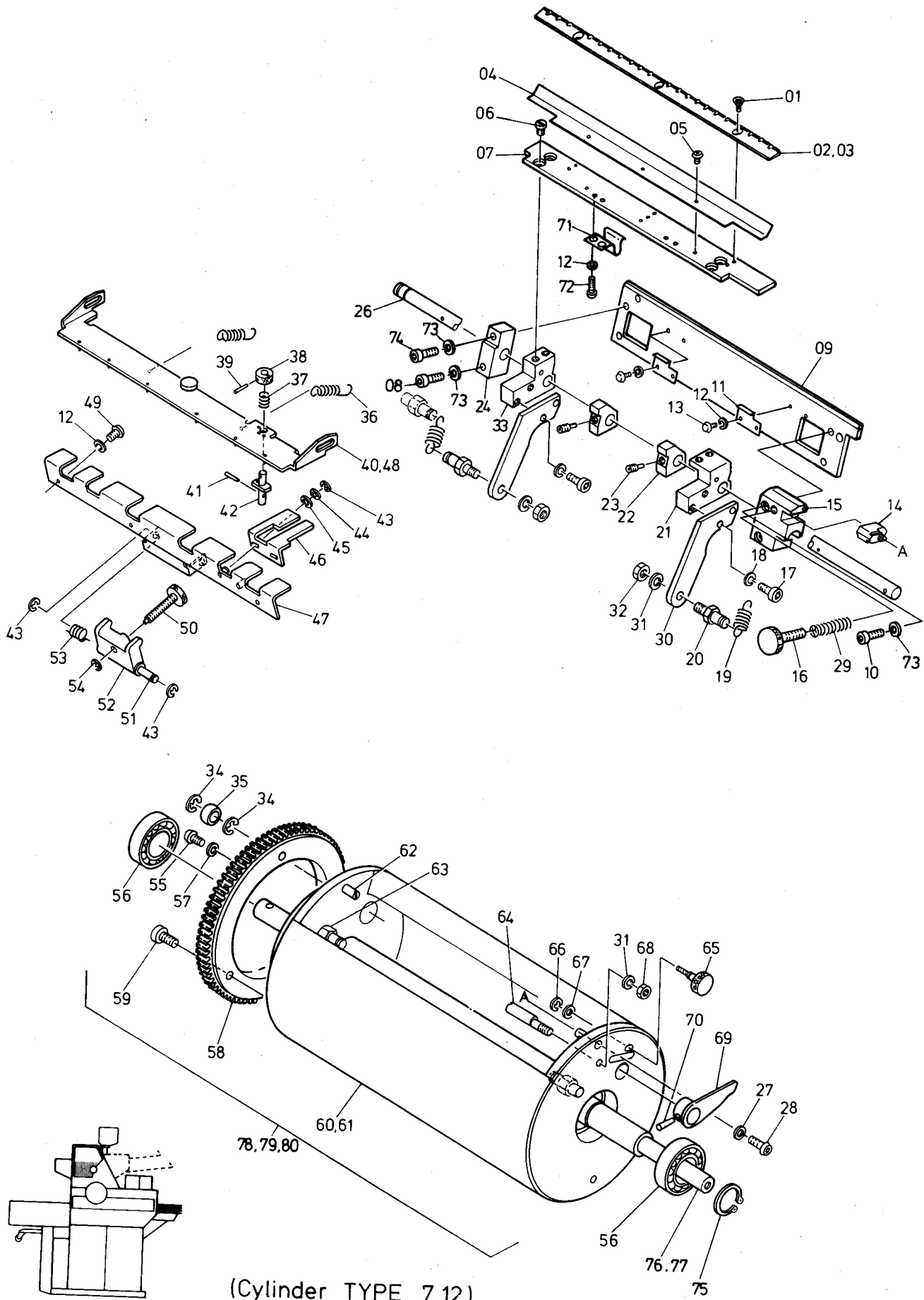




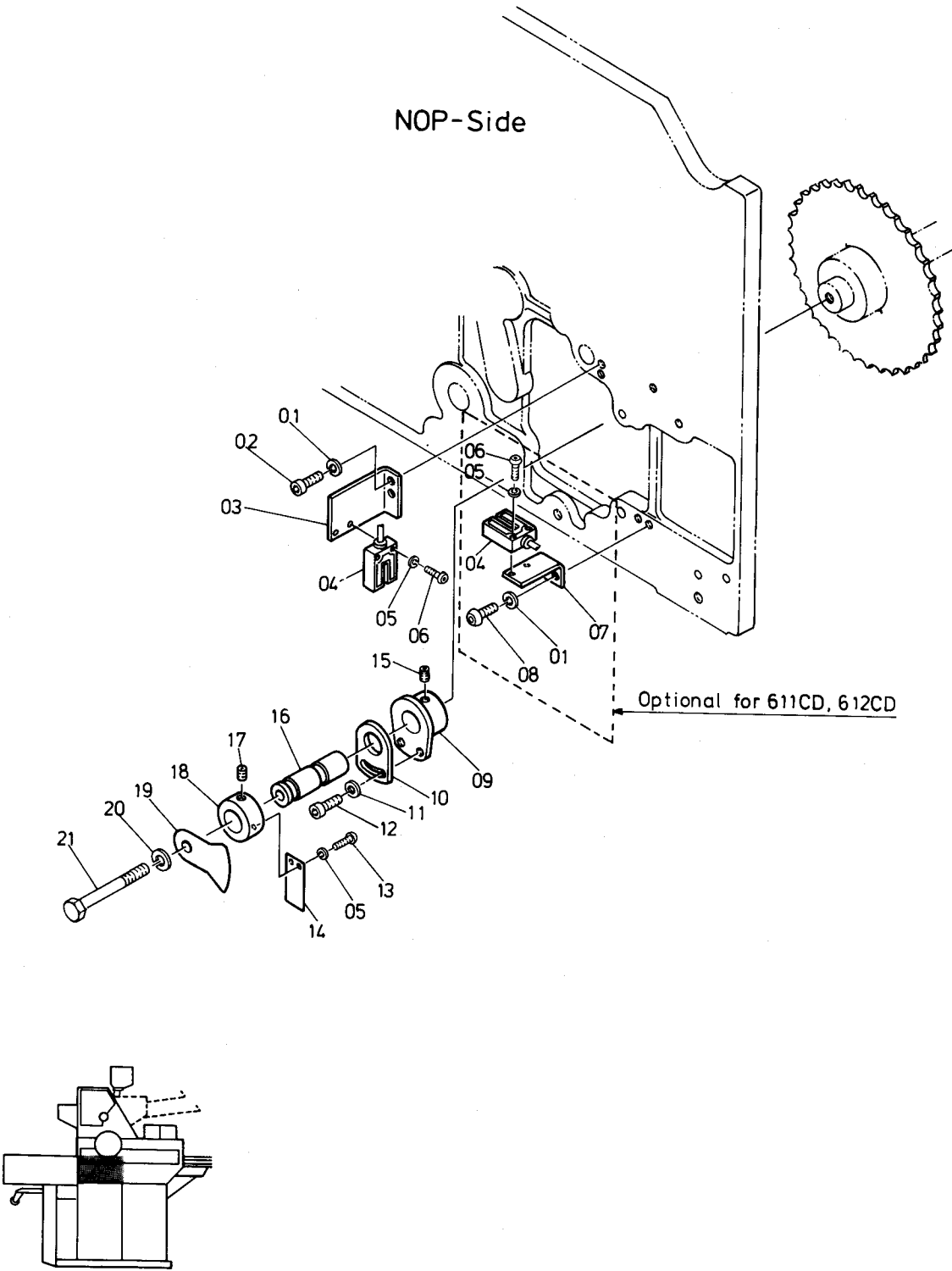


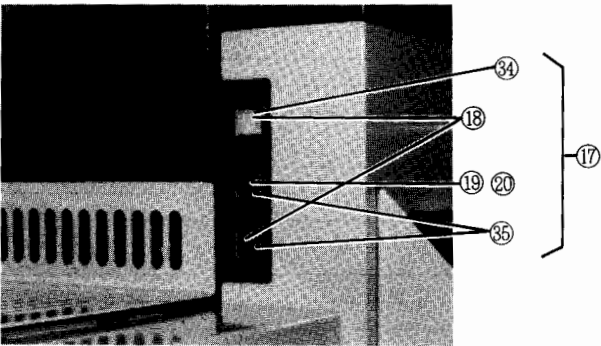
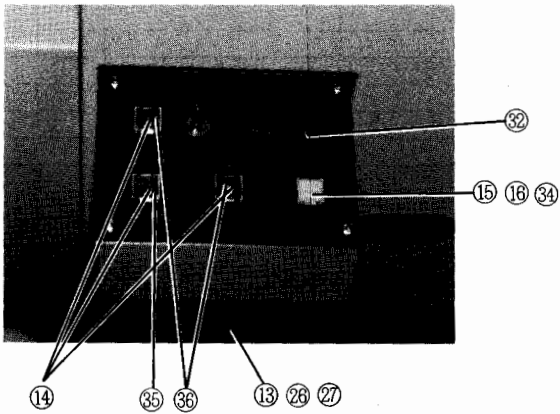
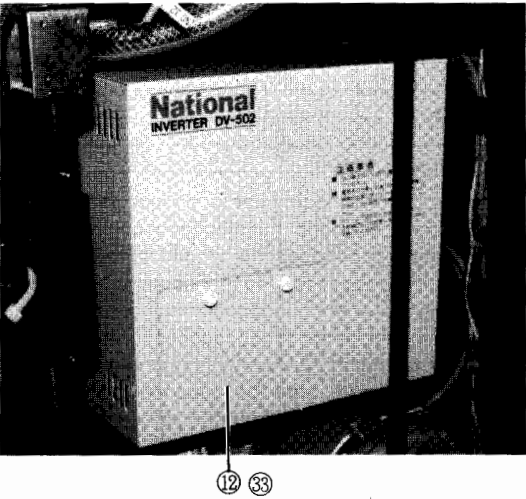
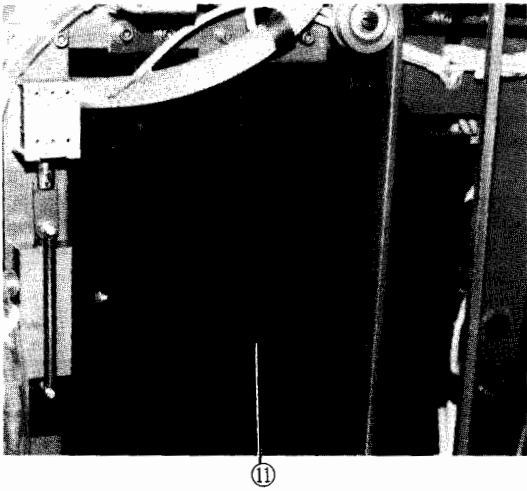
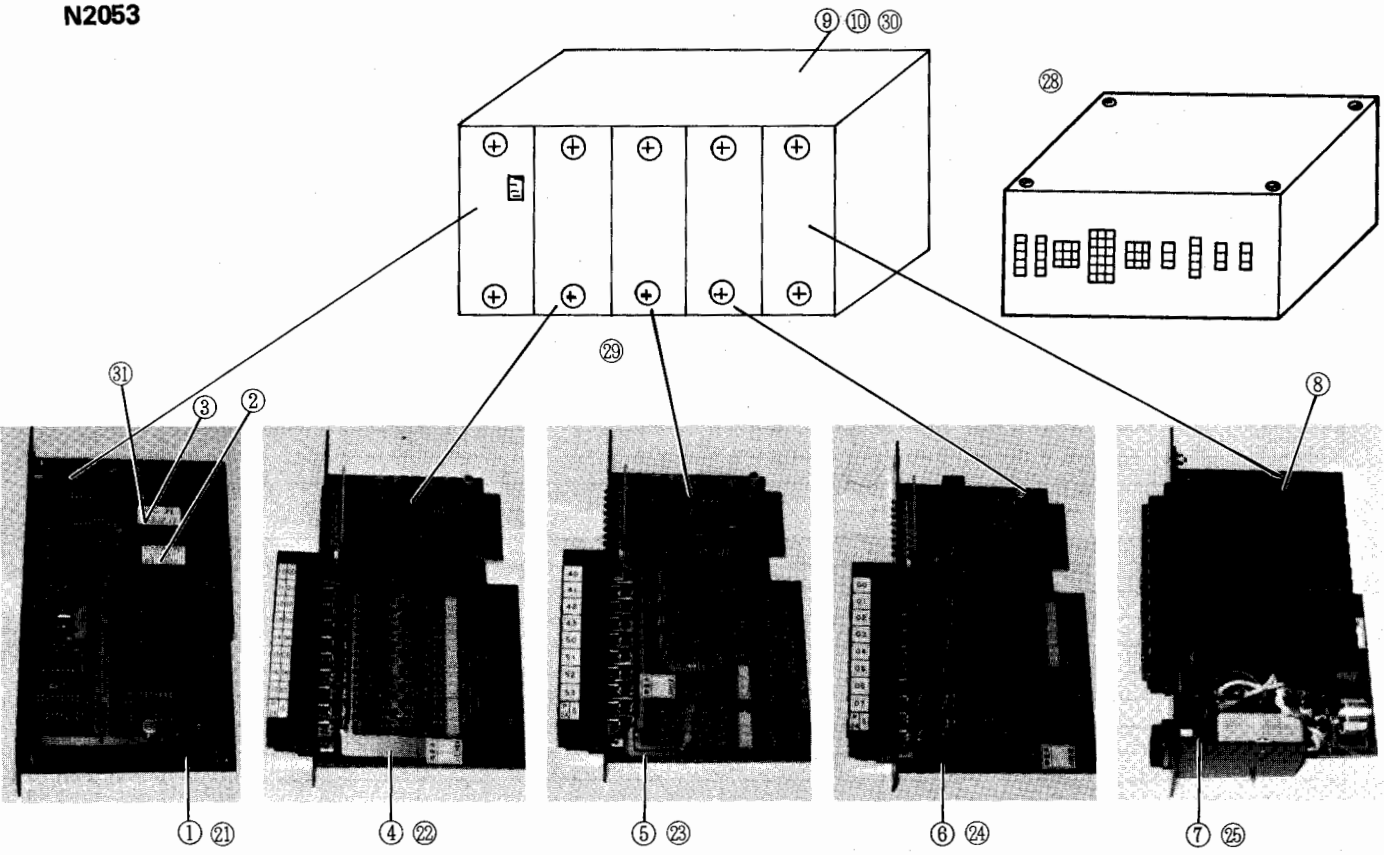




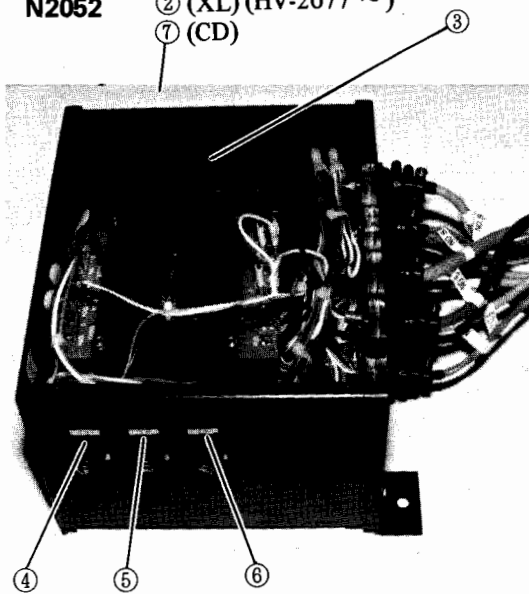


(Cylinder TYPE 7, 12)
NEW TYPE (HV-3136~)



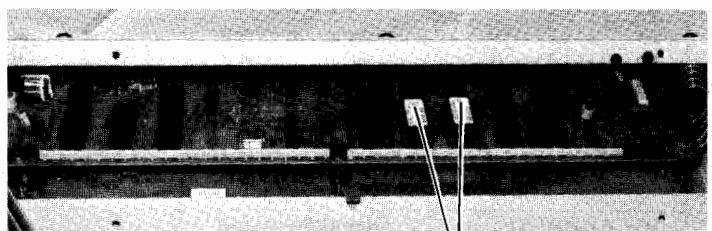
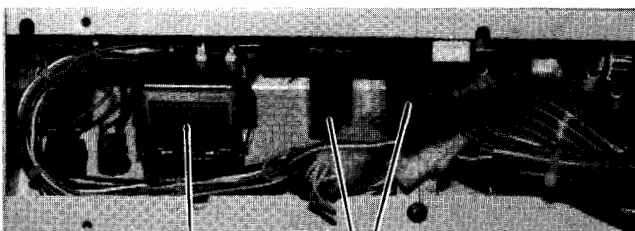
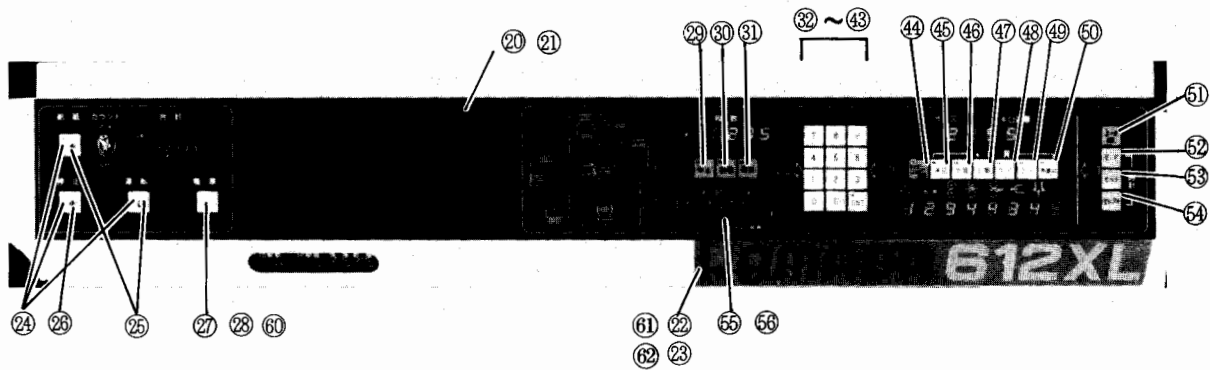
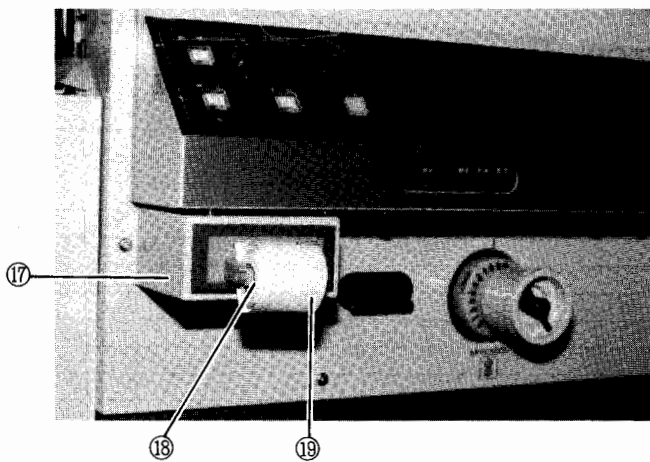
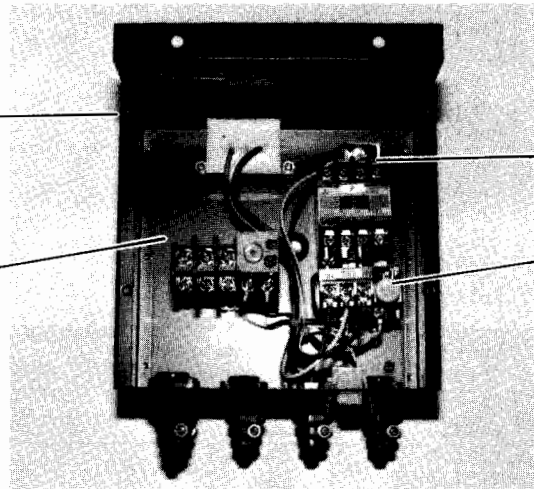


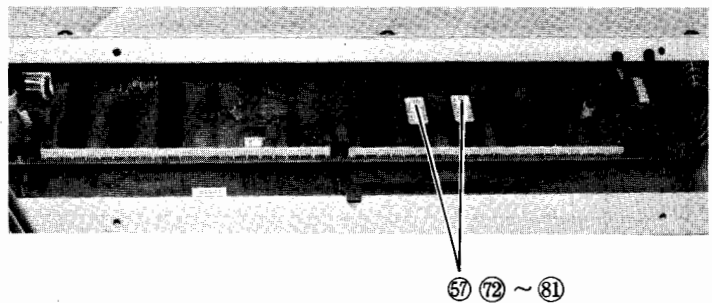
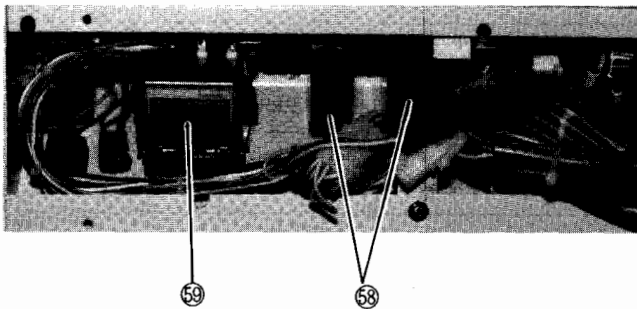
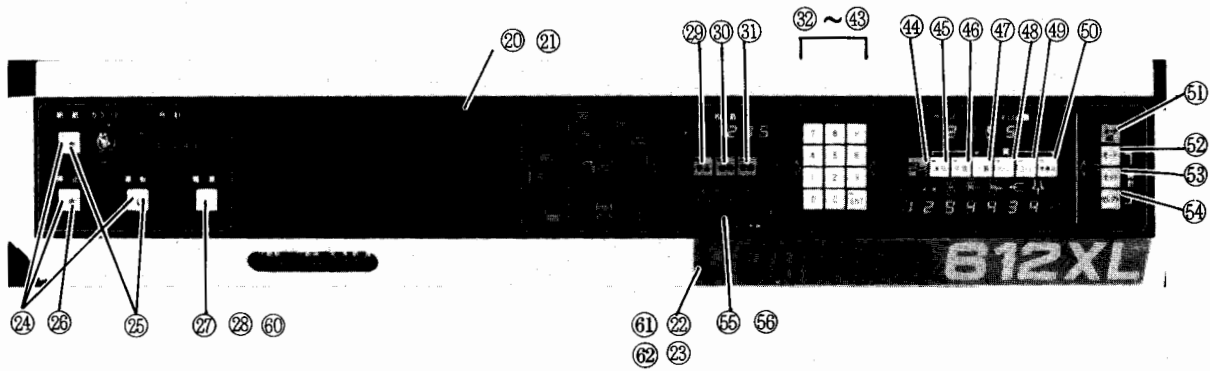
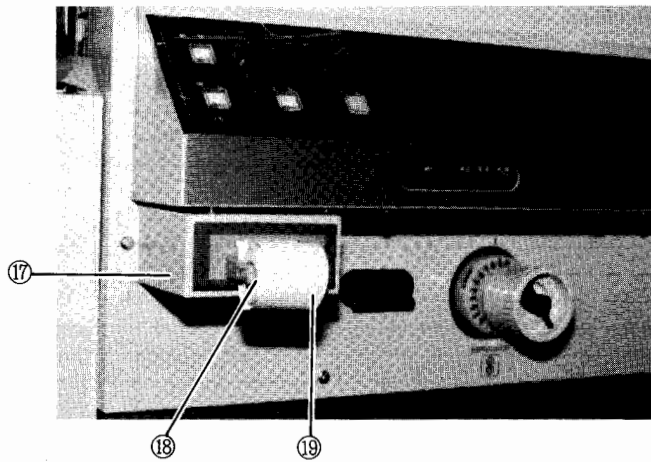
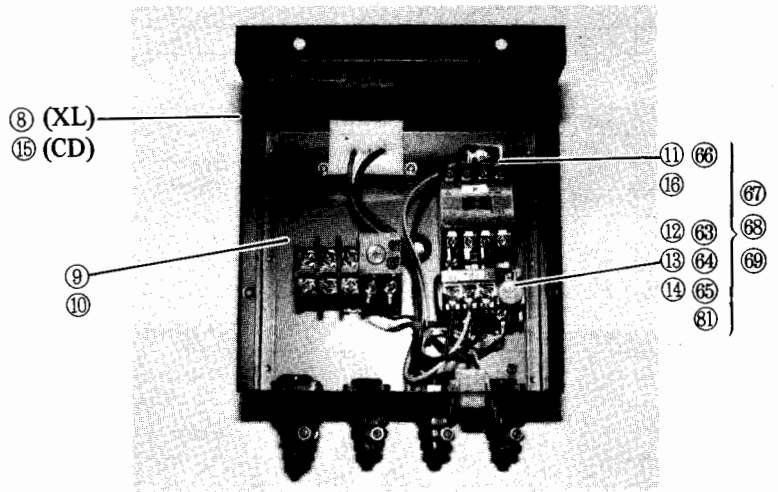
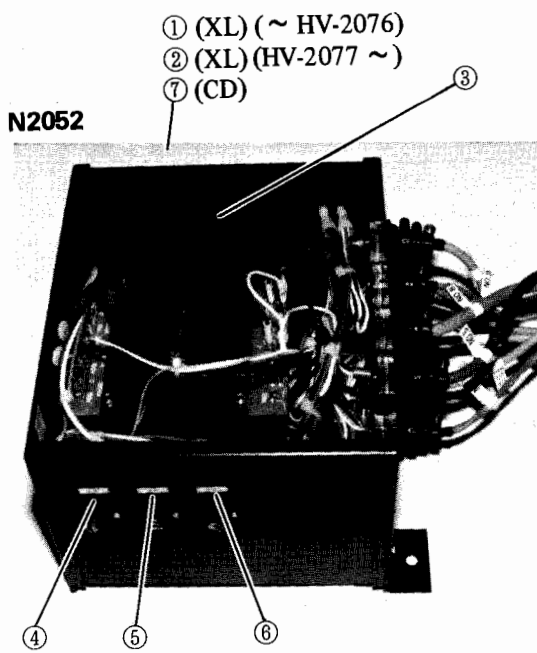
N2052
 ① (XL) (~ HV-2076)
 ② (XL) (HV-2077 ~)
 ⑦ (CD)



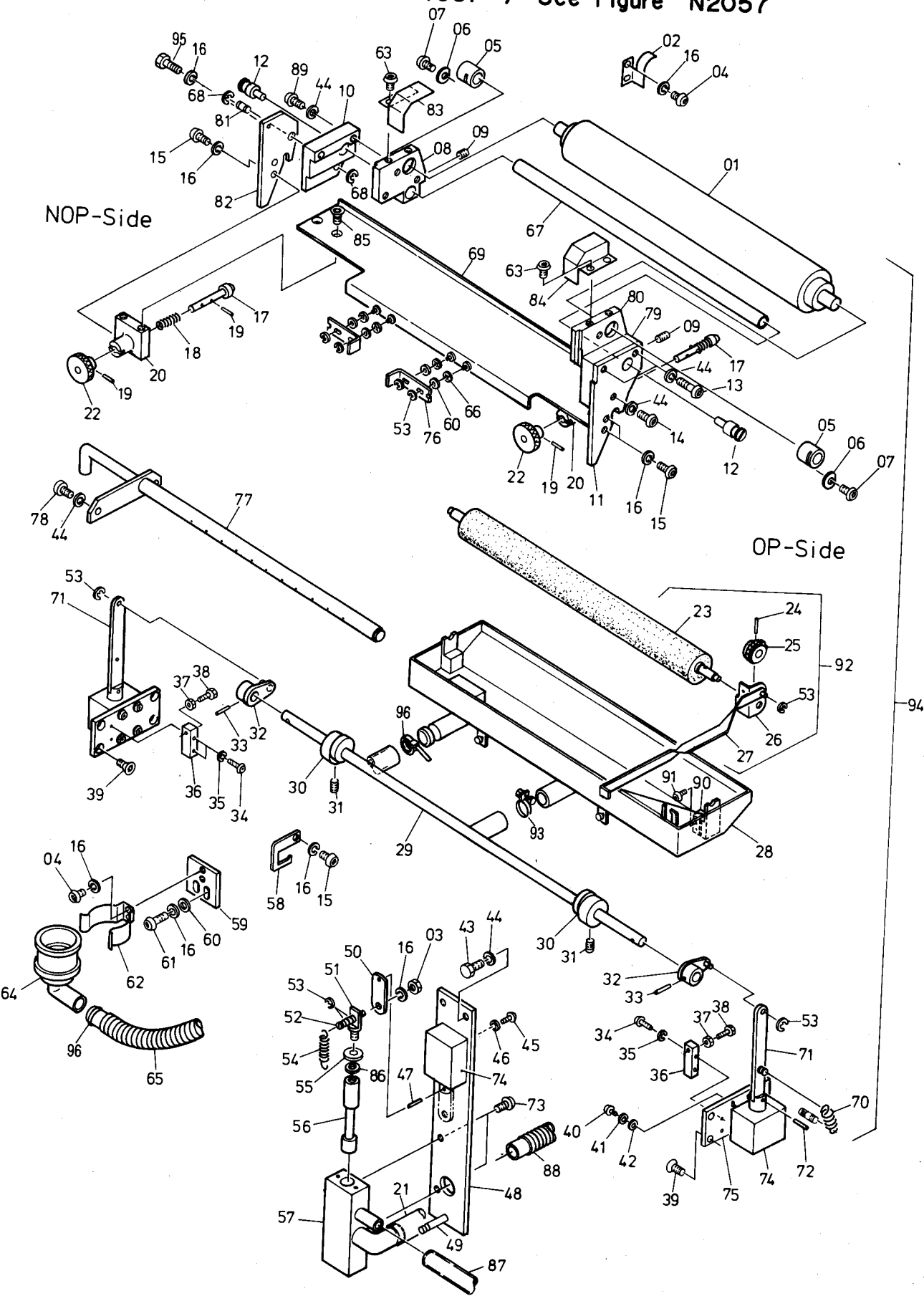
⑧ (XL)
 ⑮ (CD)

⑨
 ⑩

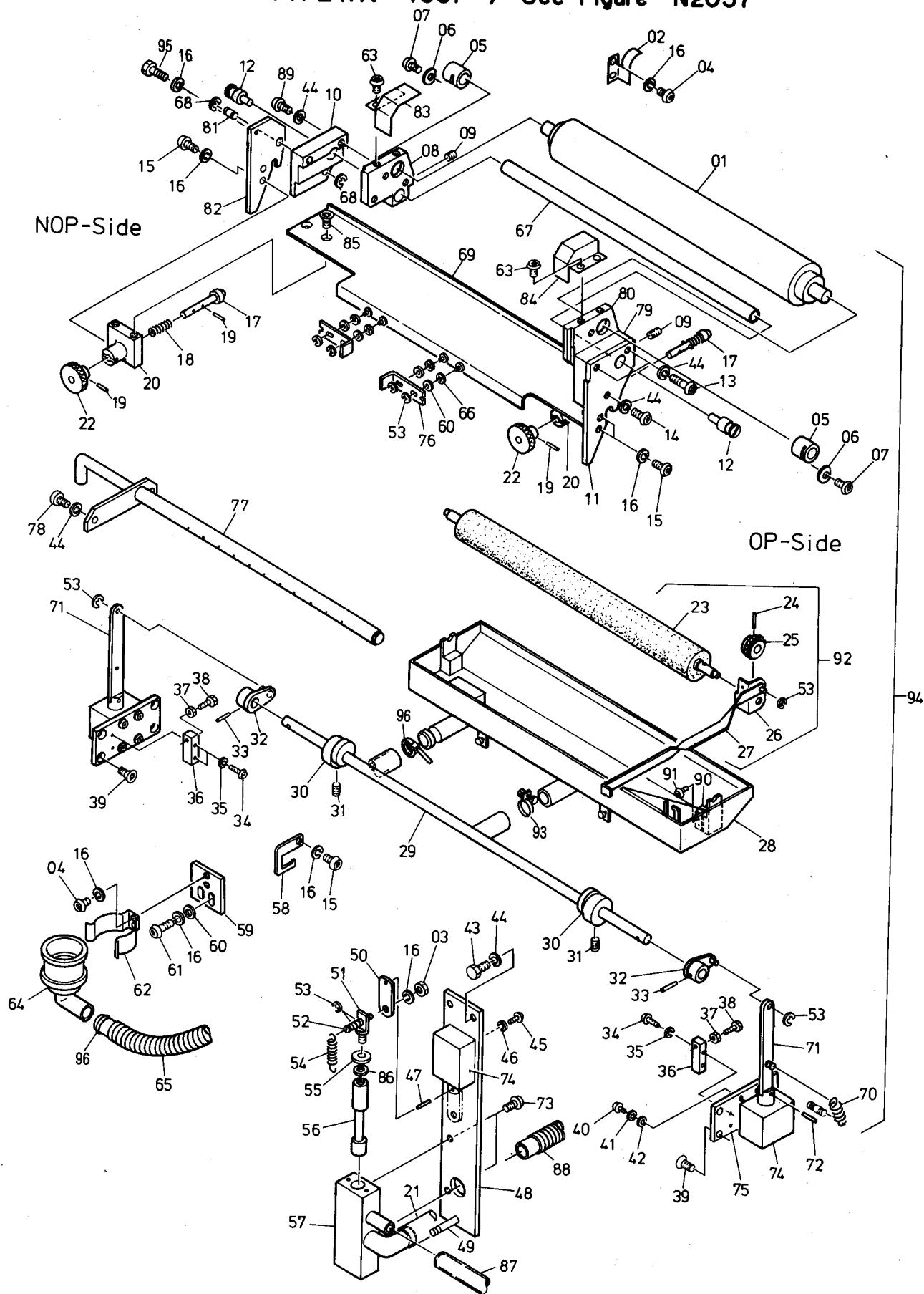




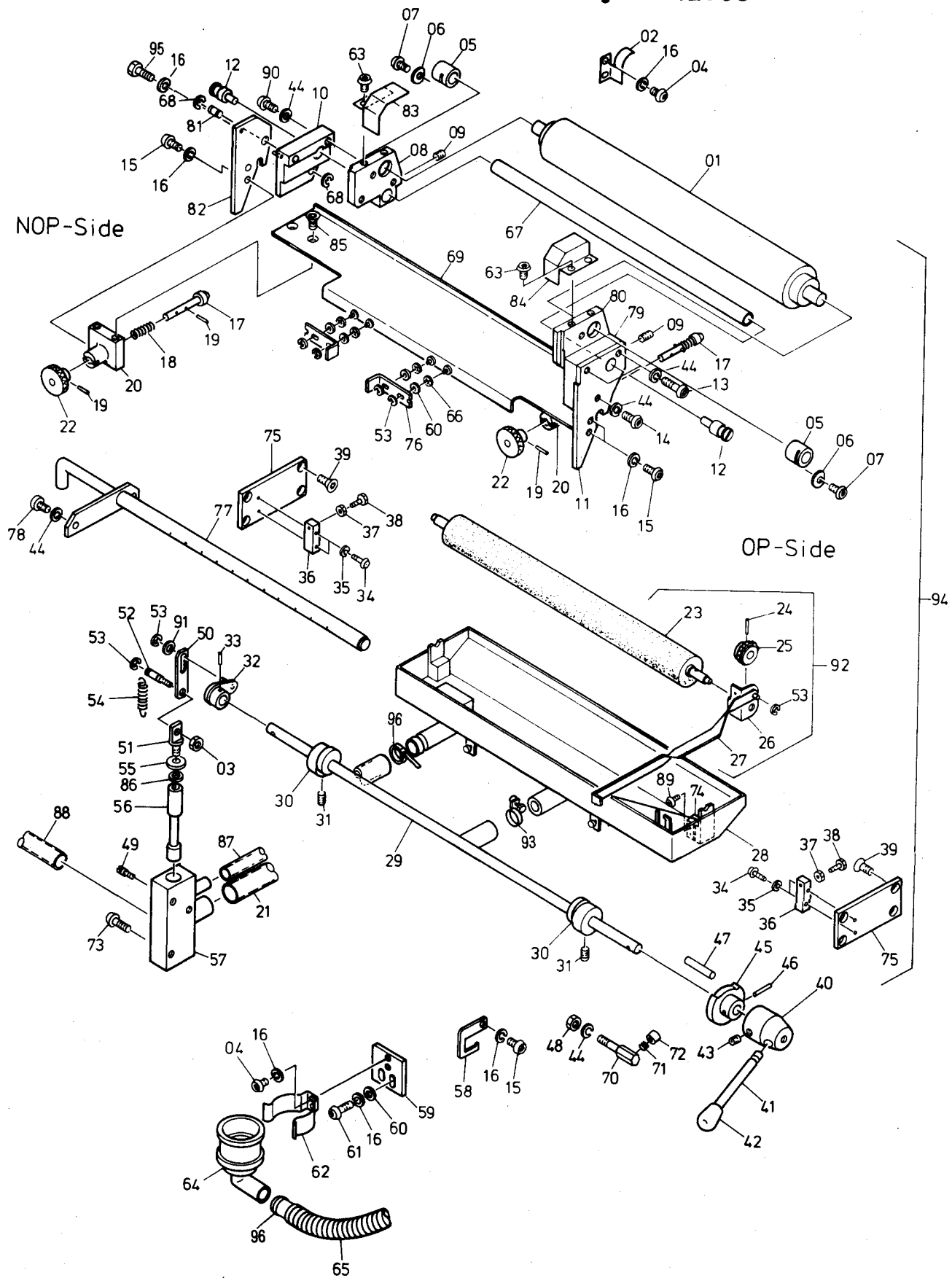
OLD TYPE (~HV-4560)
NEW TYPE (HV-4561~)—See Figure N2057



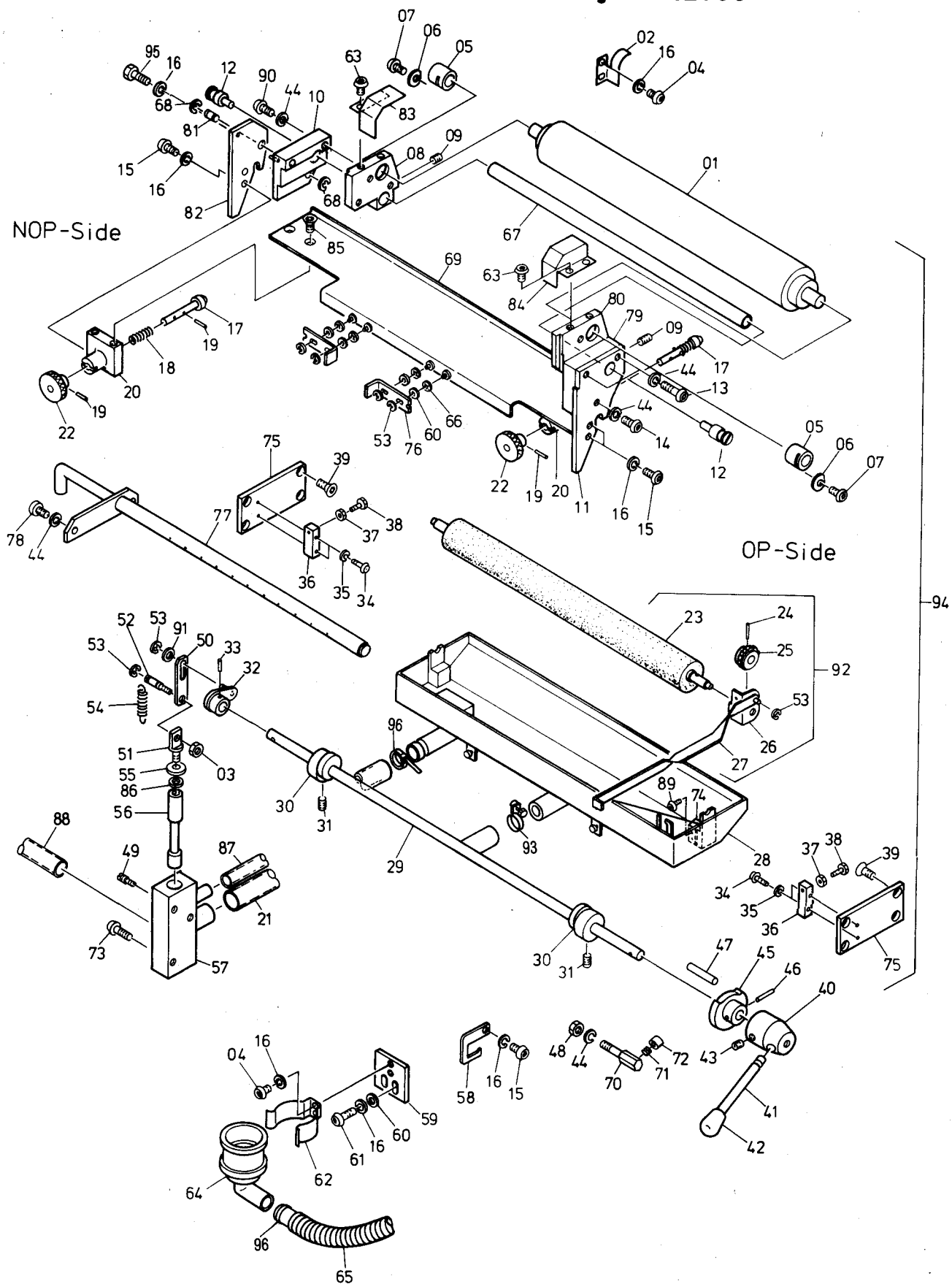
OLD TYPE (~HV-4560)
NEW TYPE (HV-4561~)—See Figure N2057

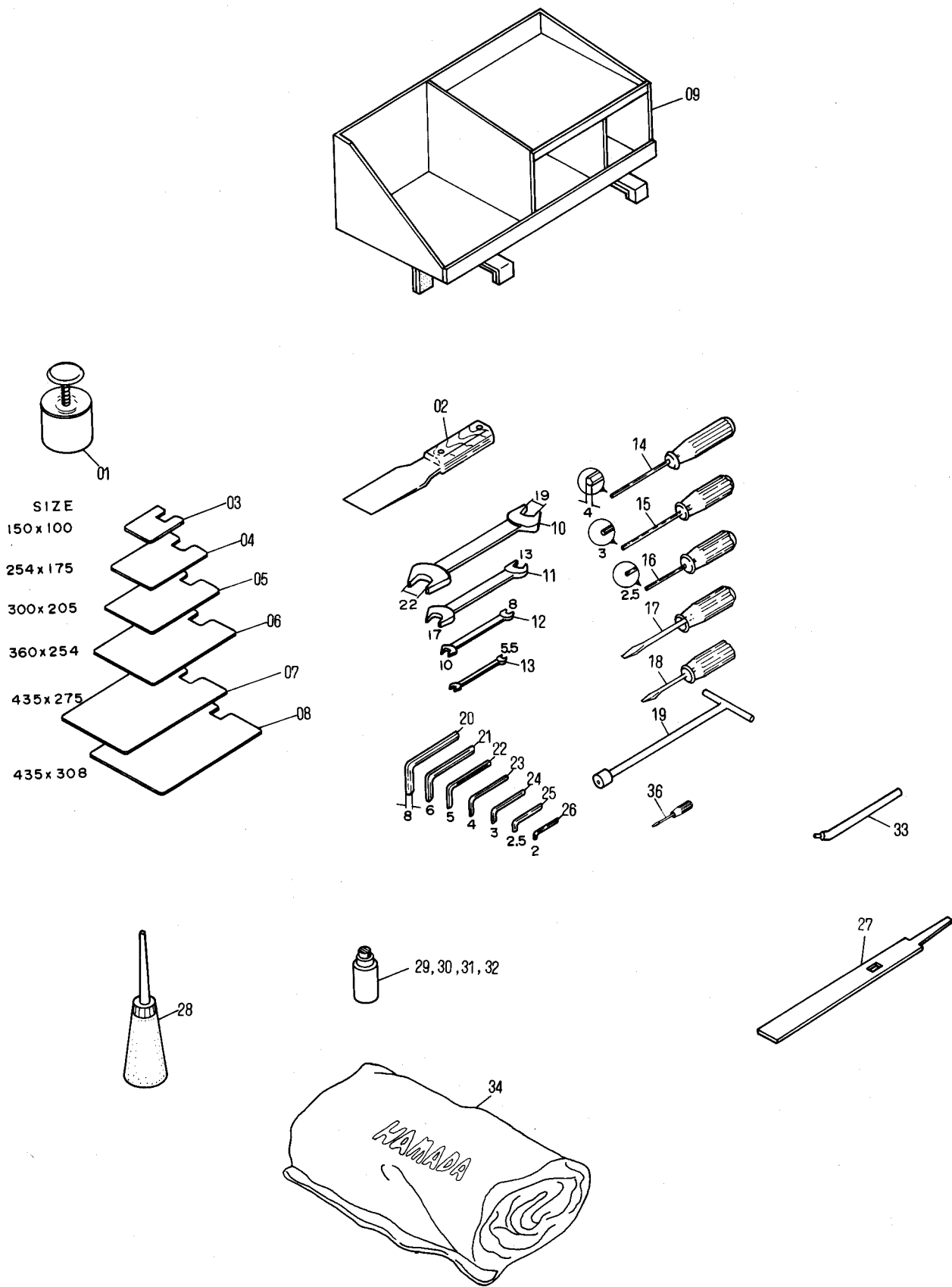


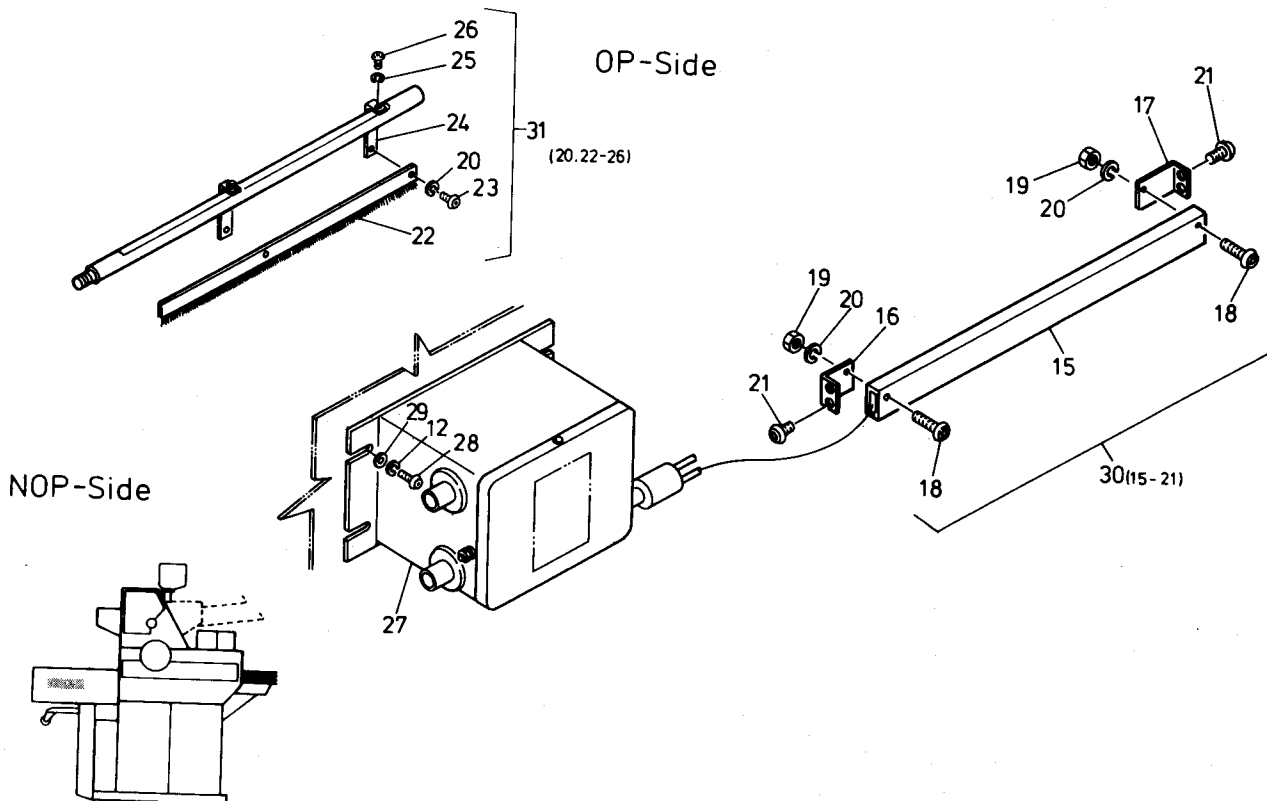
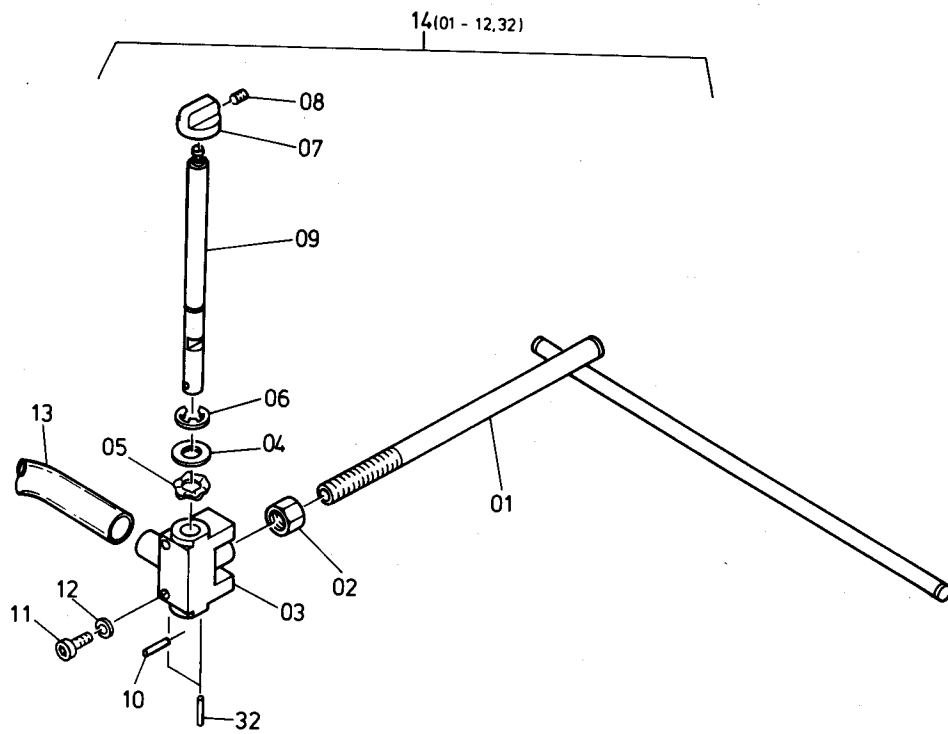
OLD TYPE (~HV-4560)
NEW TYPE (HV-4561~) - See Figure N2056

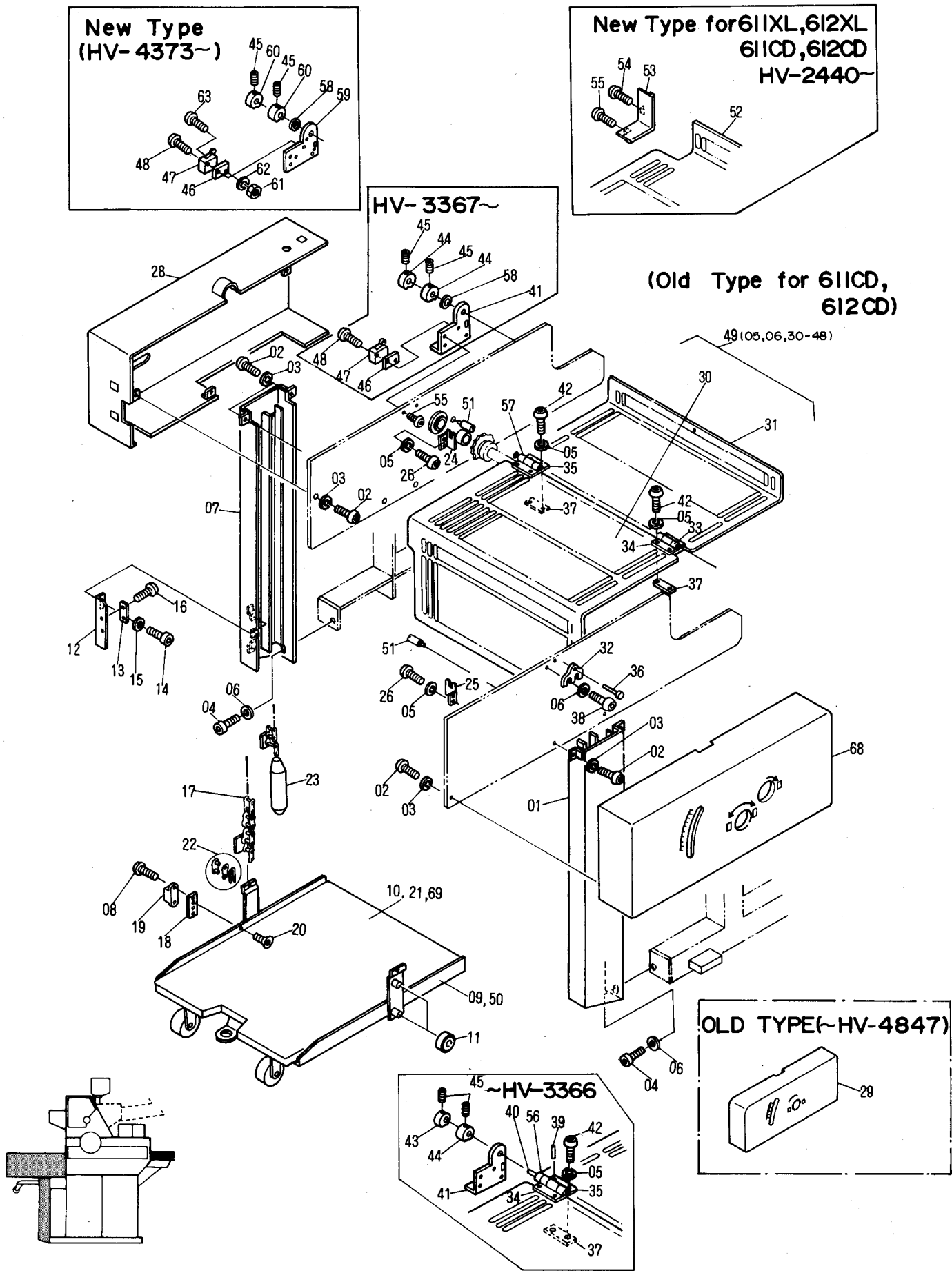


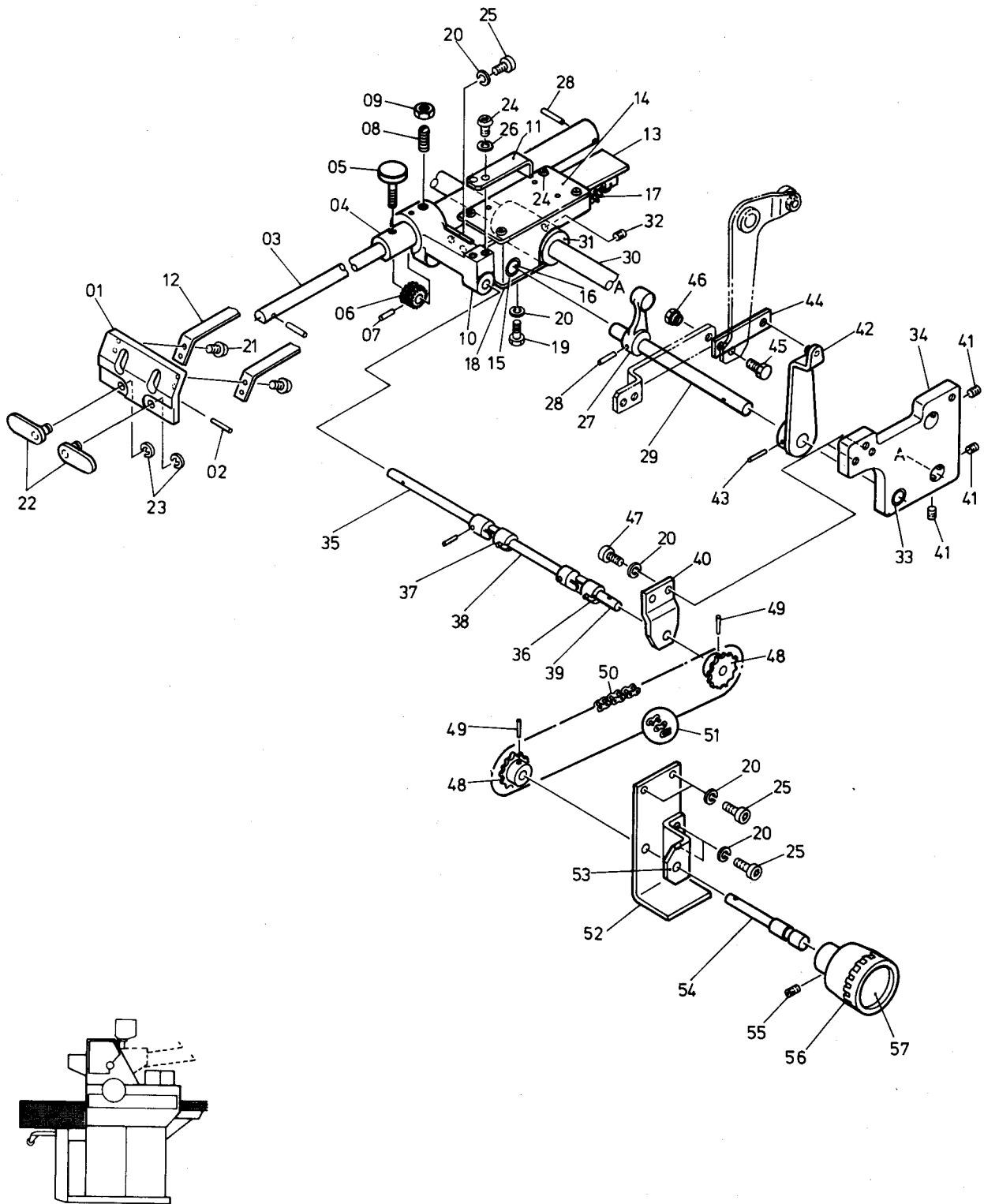
OLD TYPE(~HV-4560)
NEW TYPE(HV-4561~)-See Figure N2056





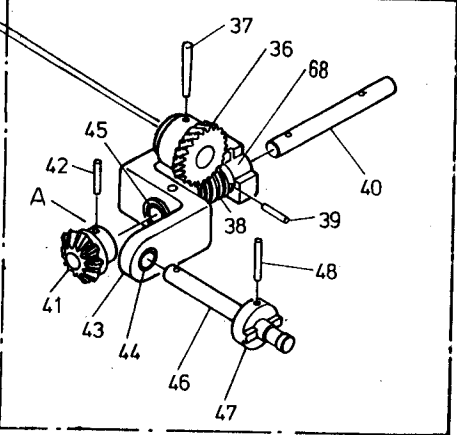




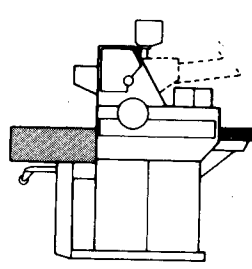
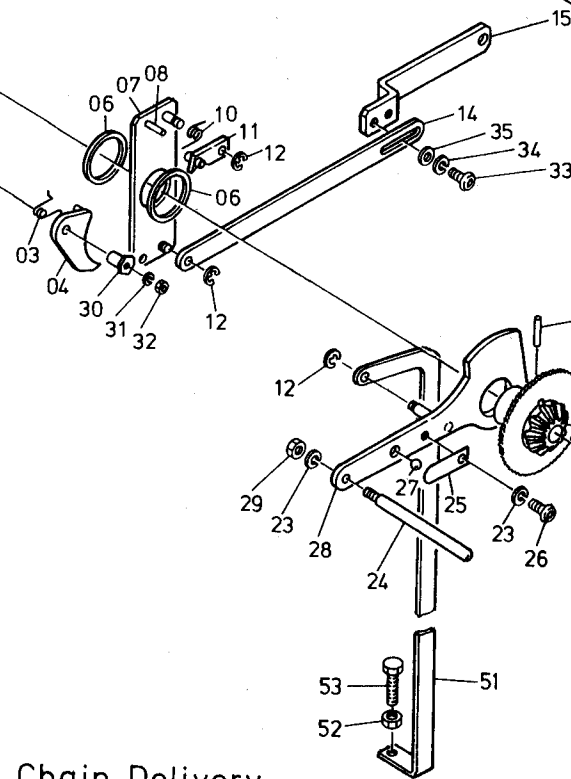
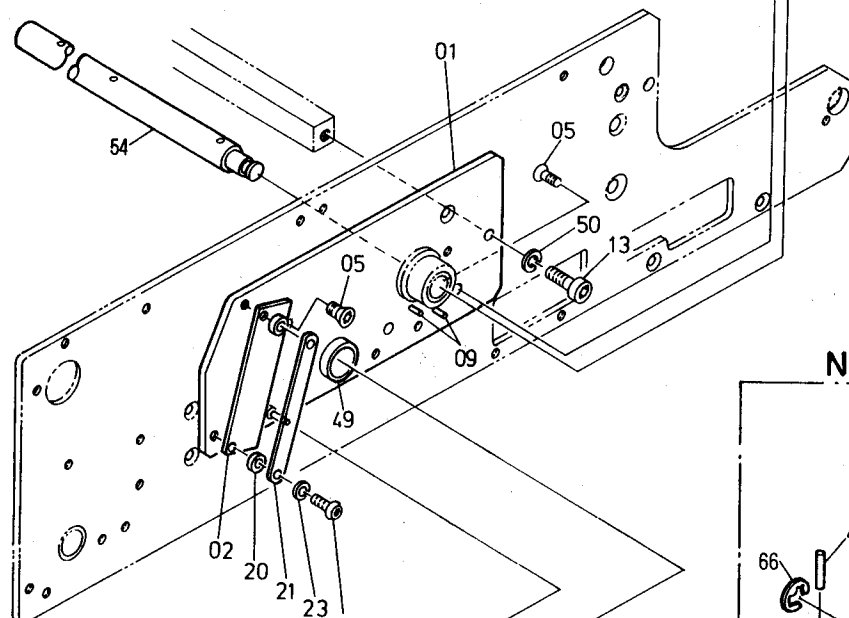
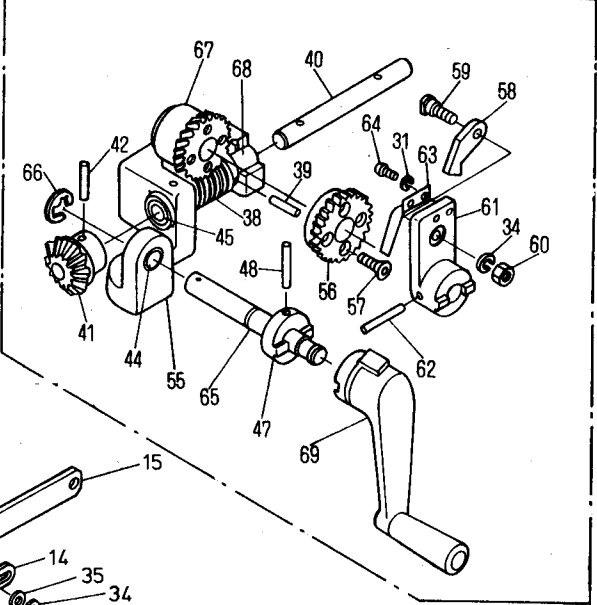


OP-Side

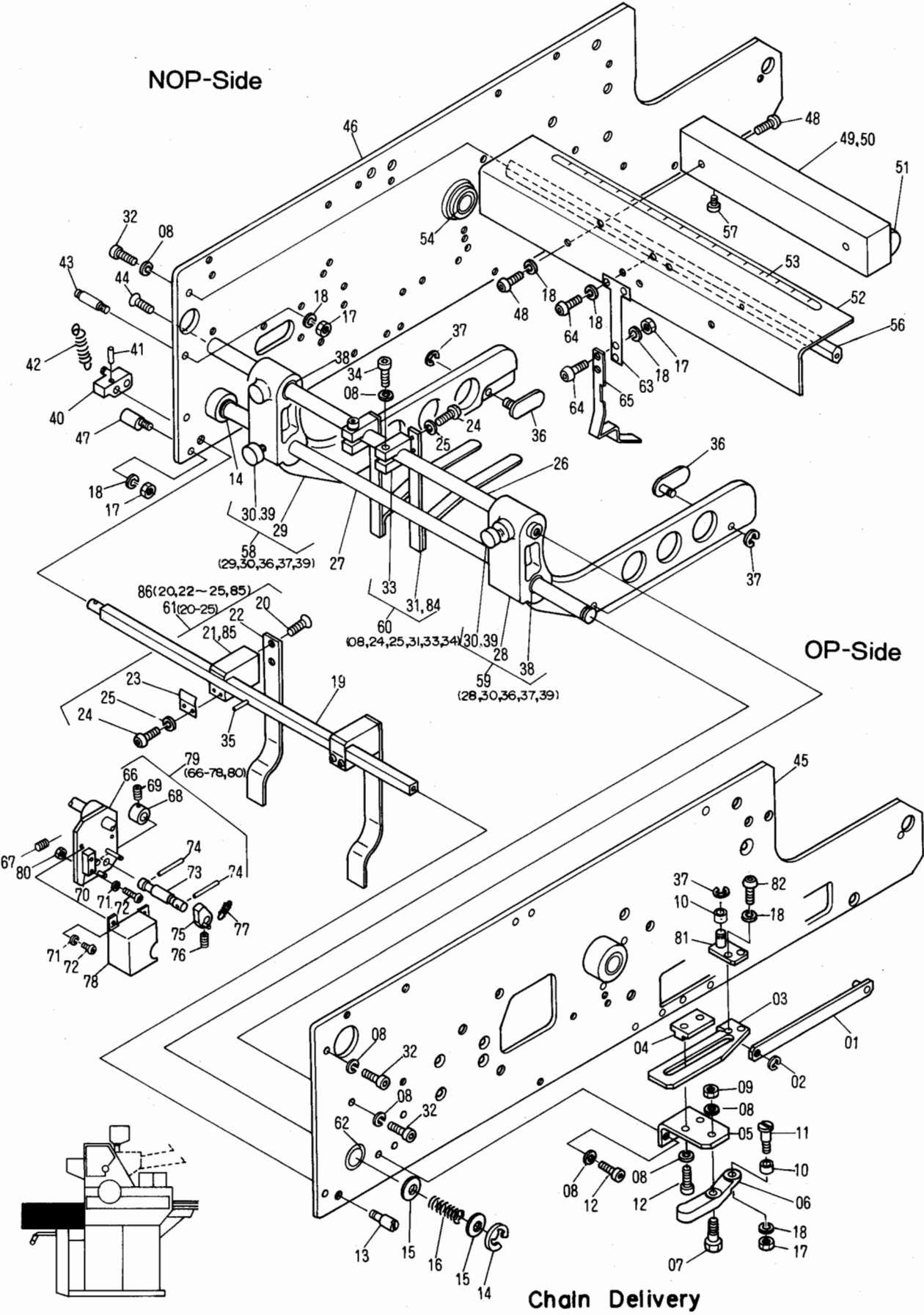
OLD TYPE (~HV-4847)

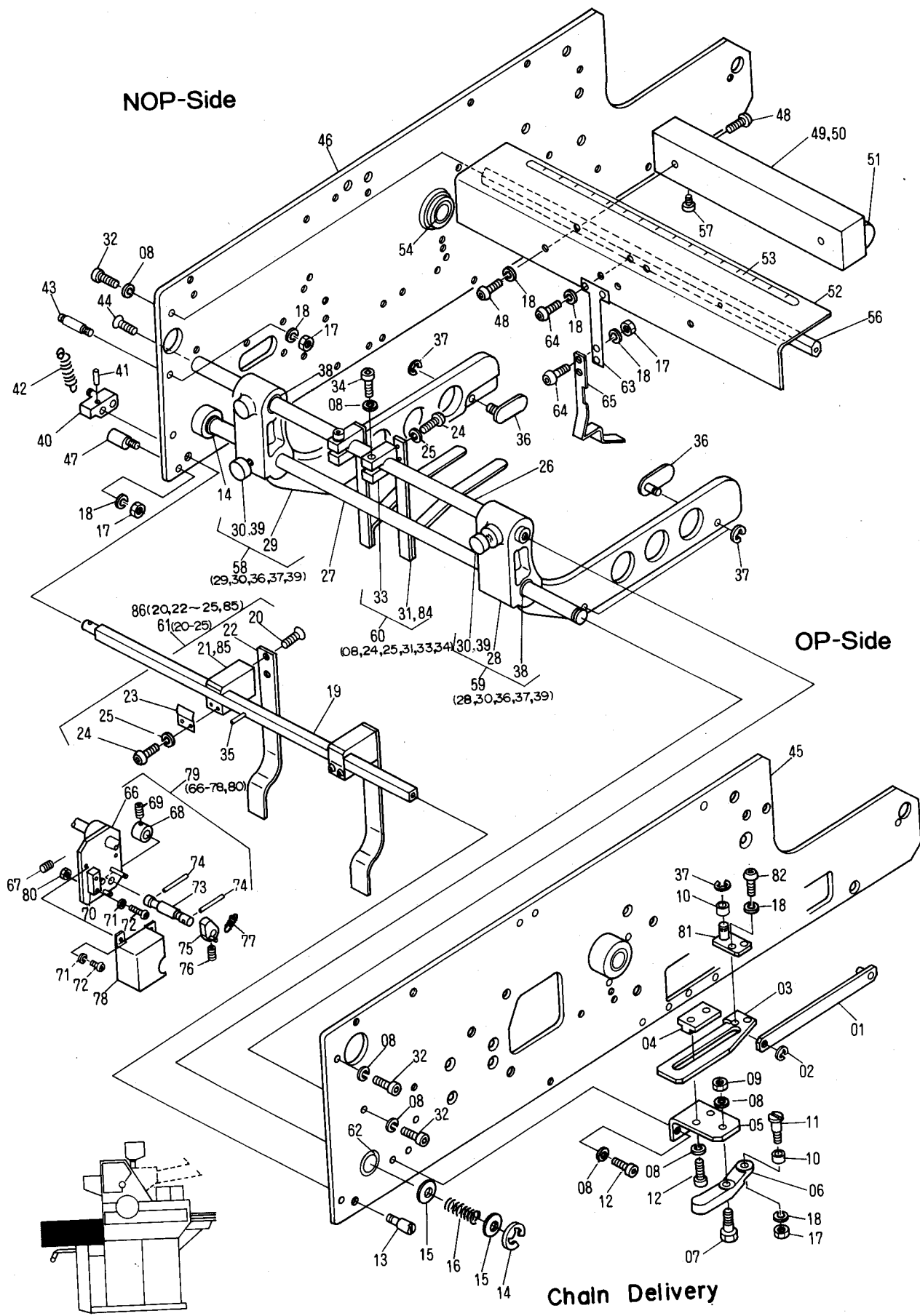


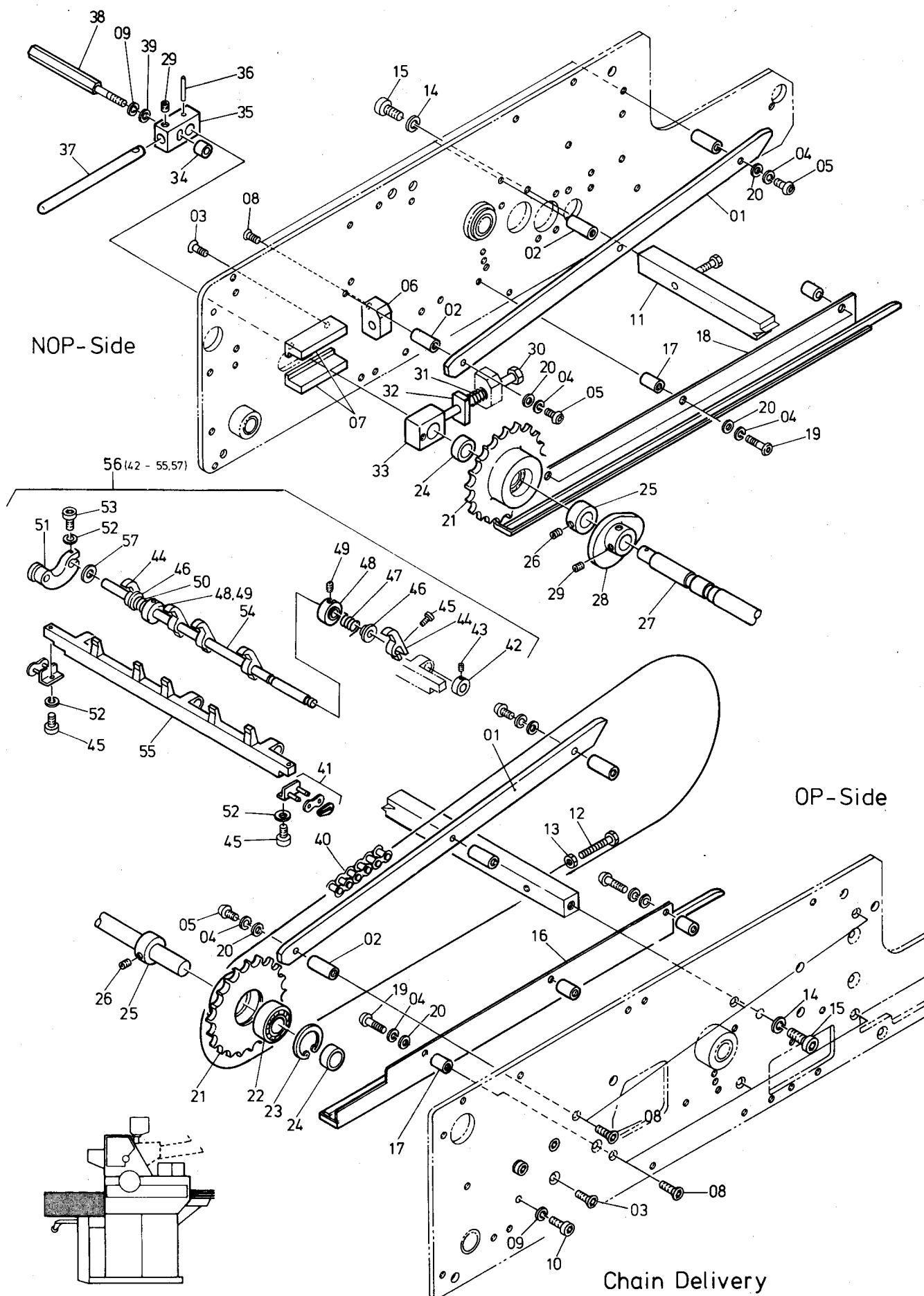
NEW TYPE (HV-4848 ~)



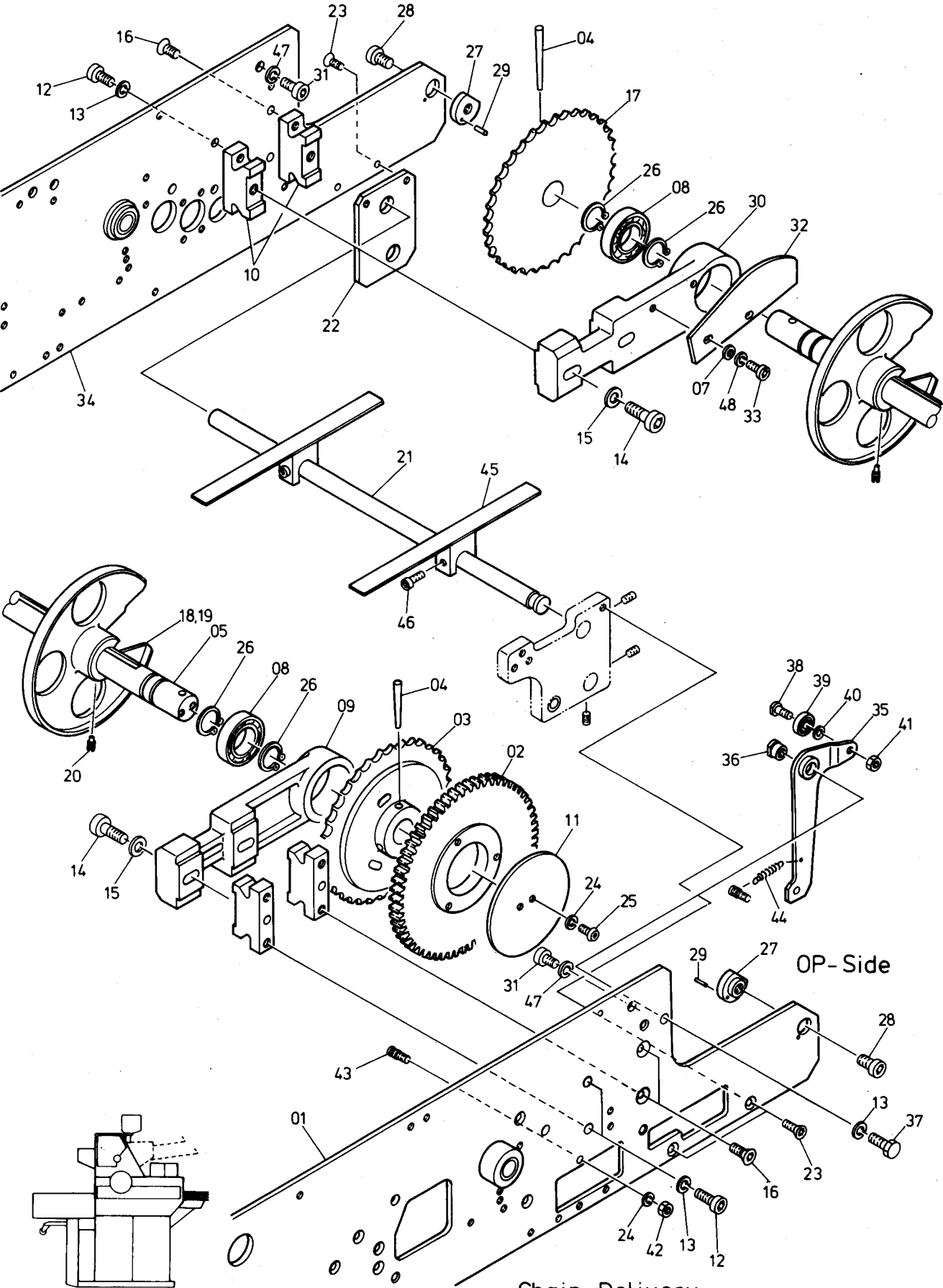
Chain Delivery

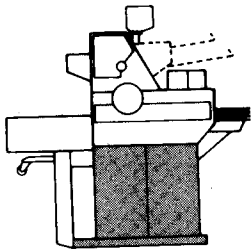
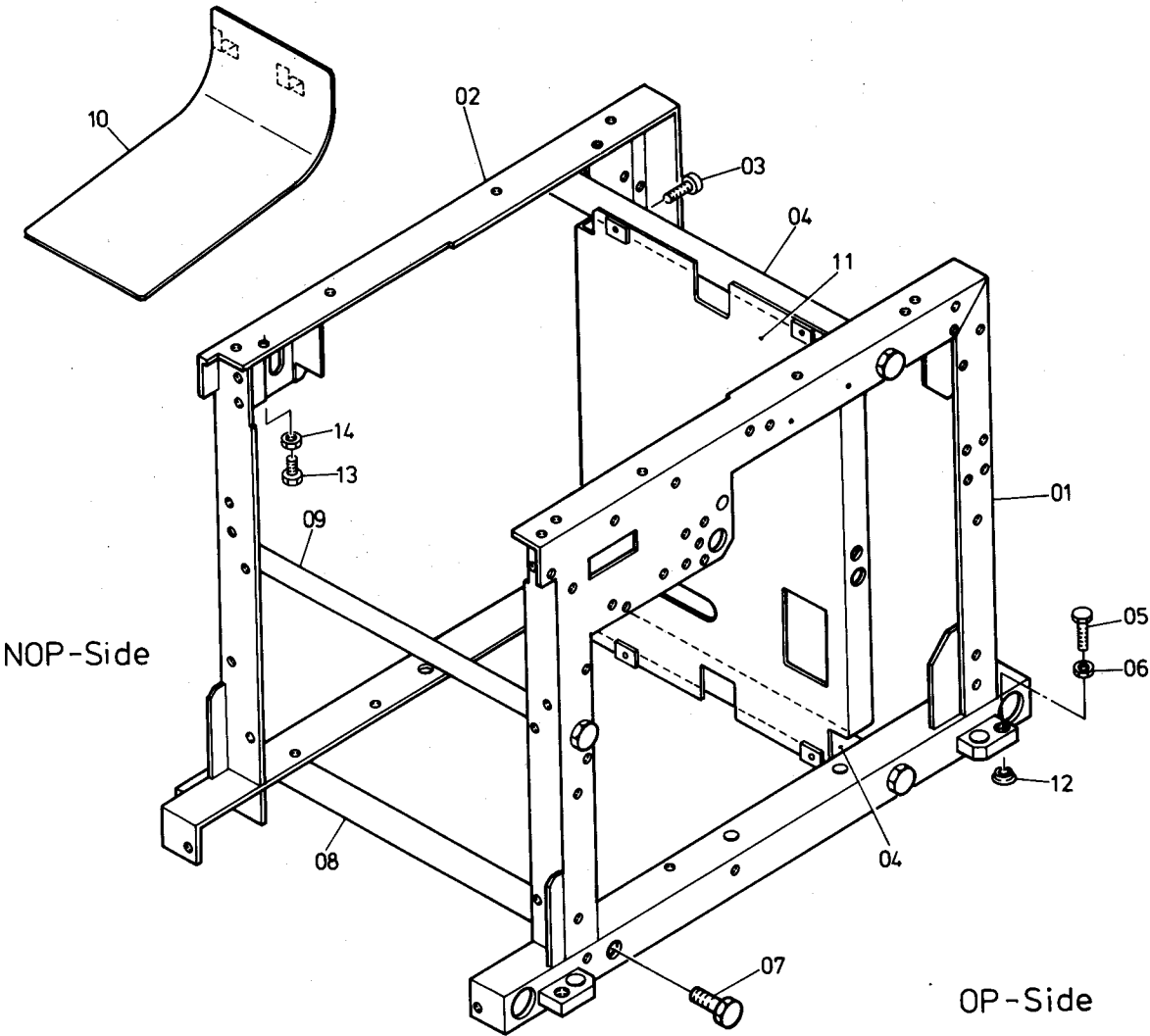


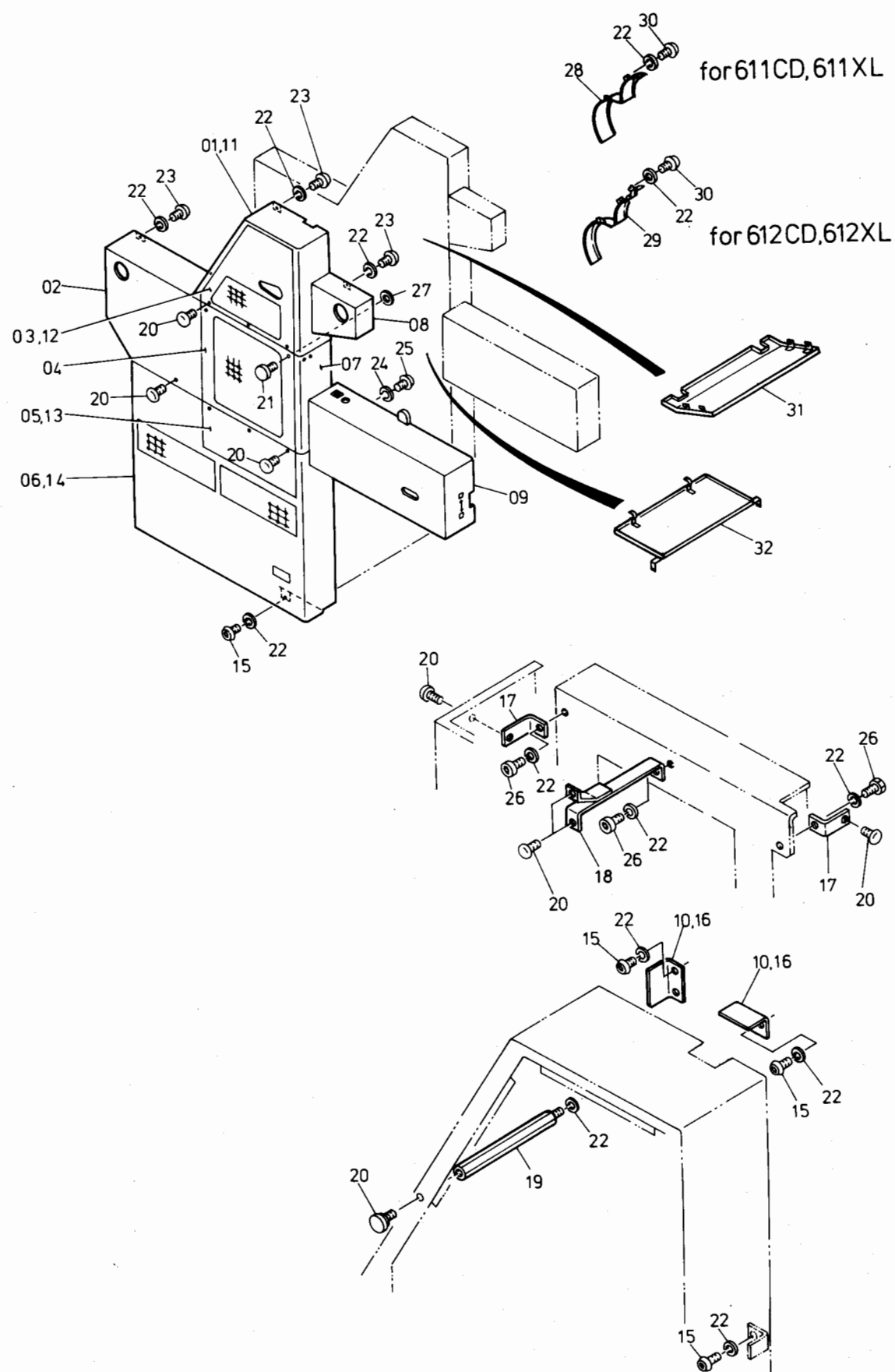


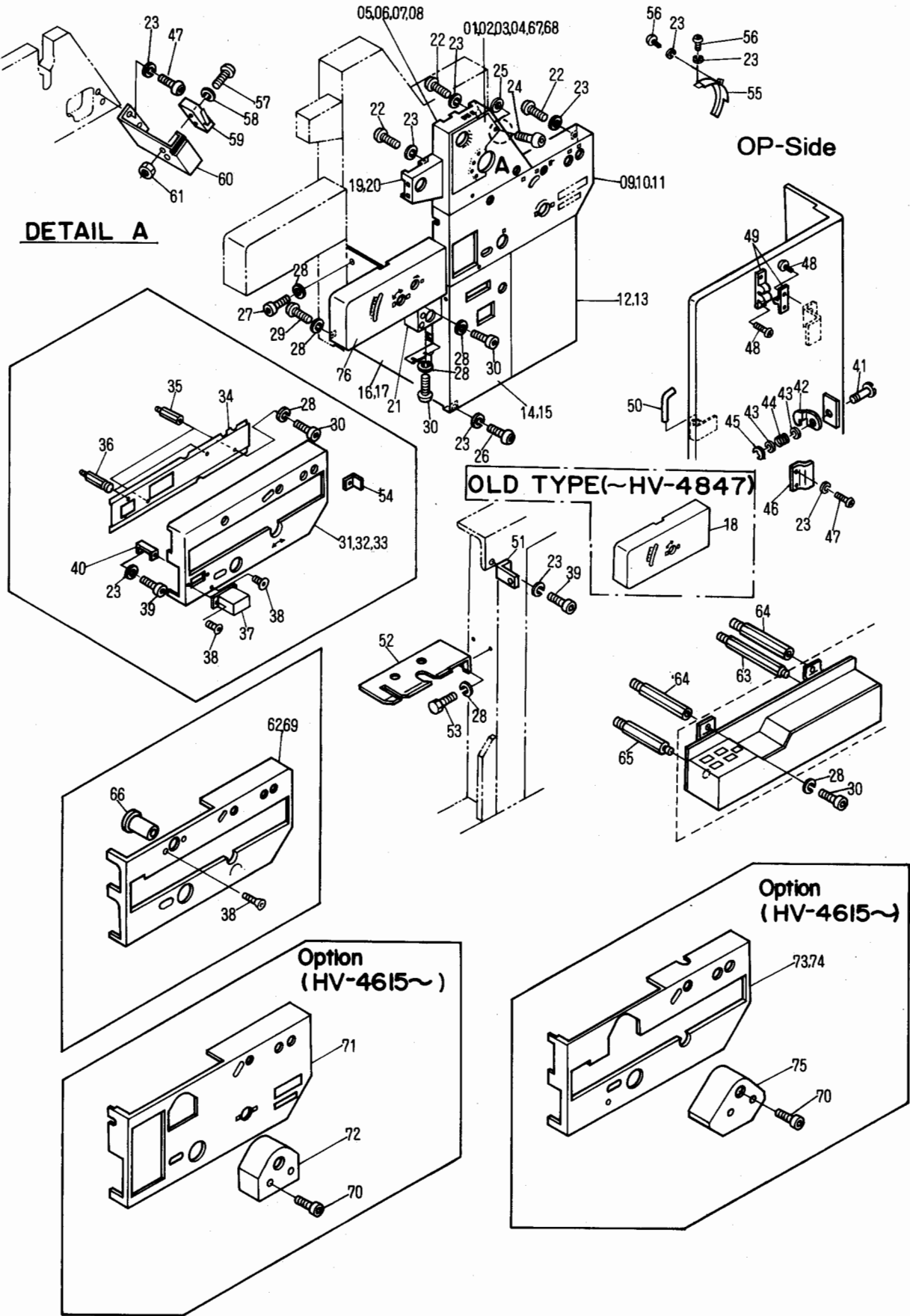


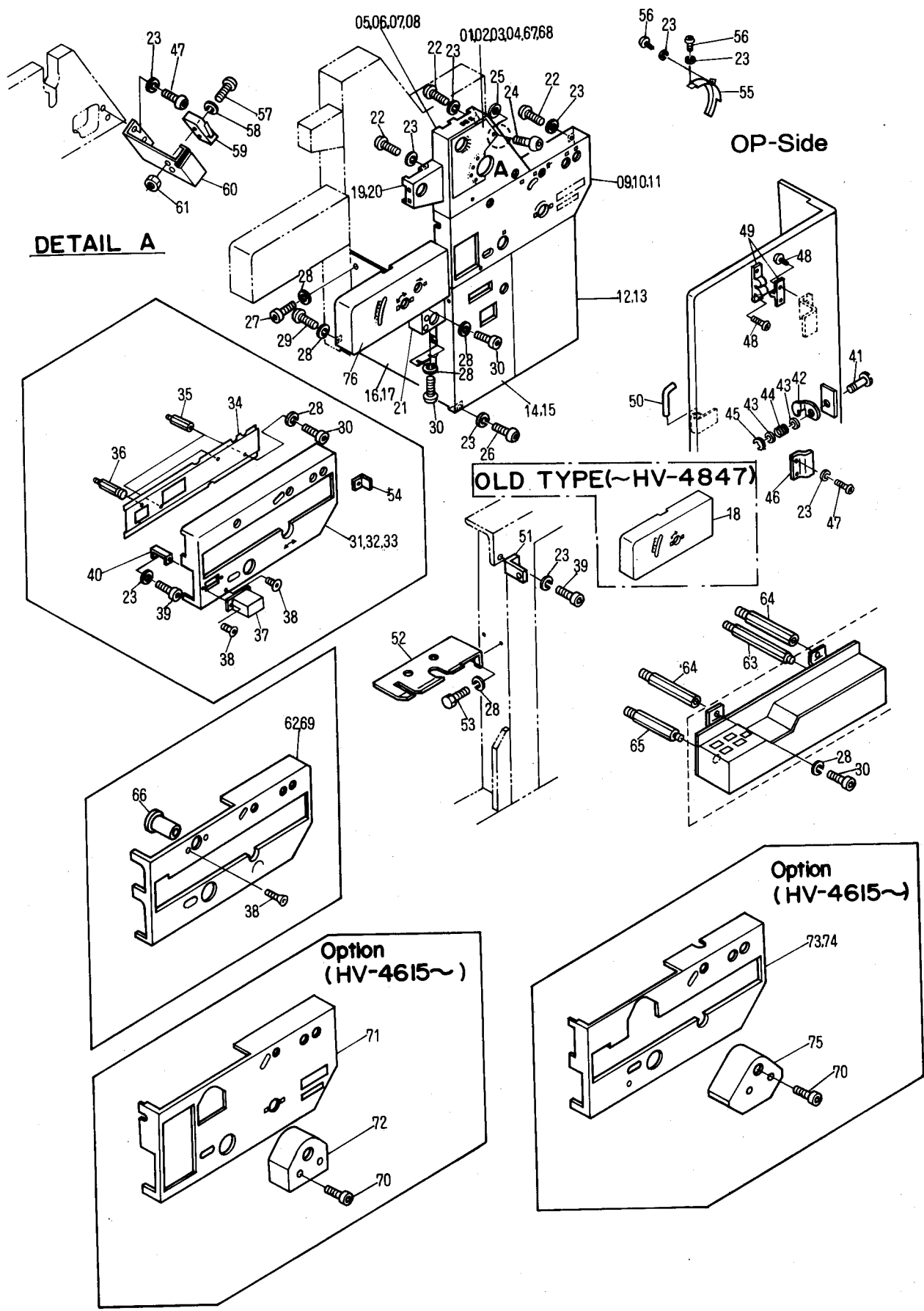
NOP-Side

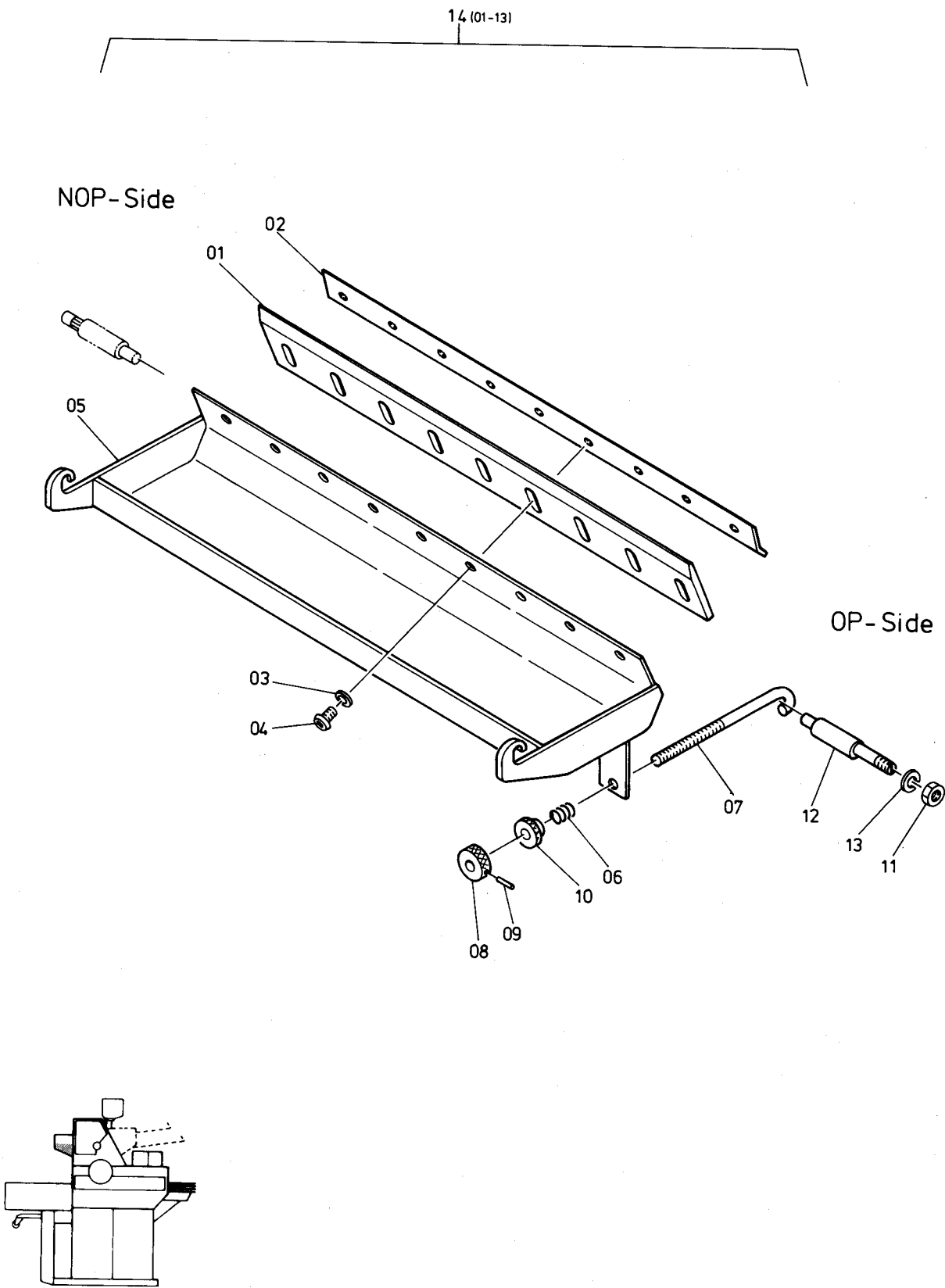




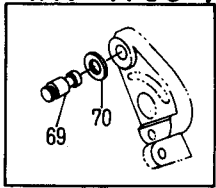




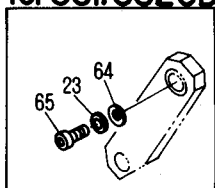




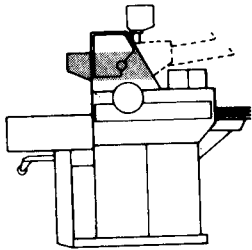
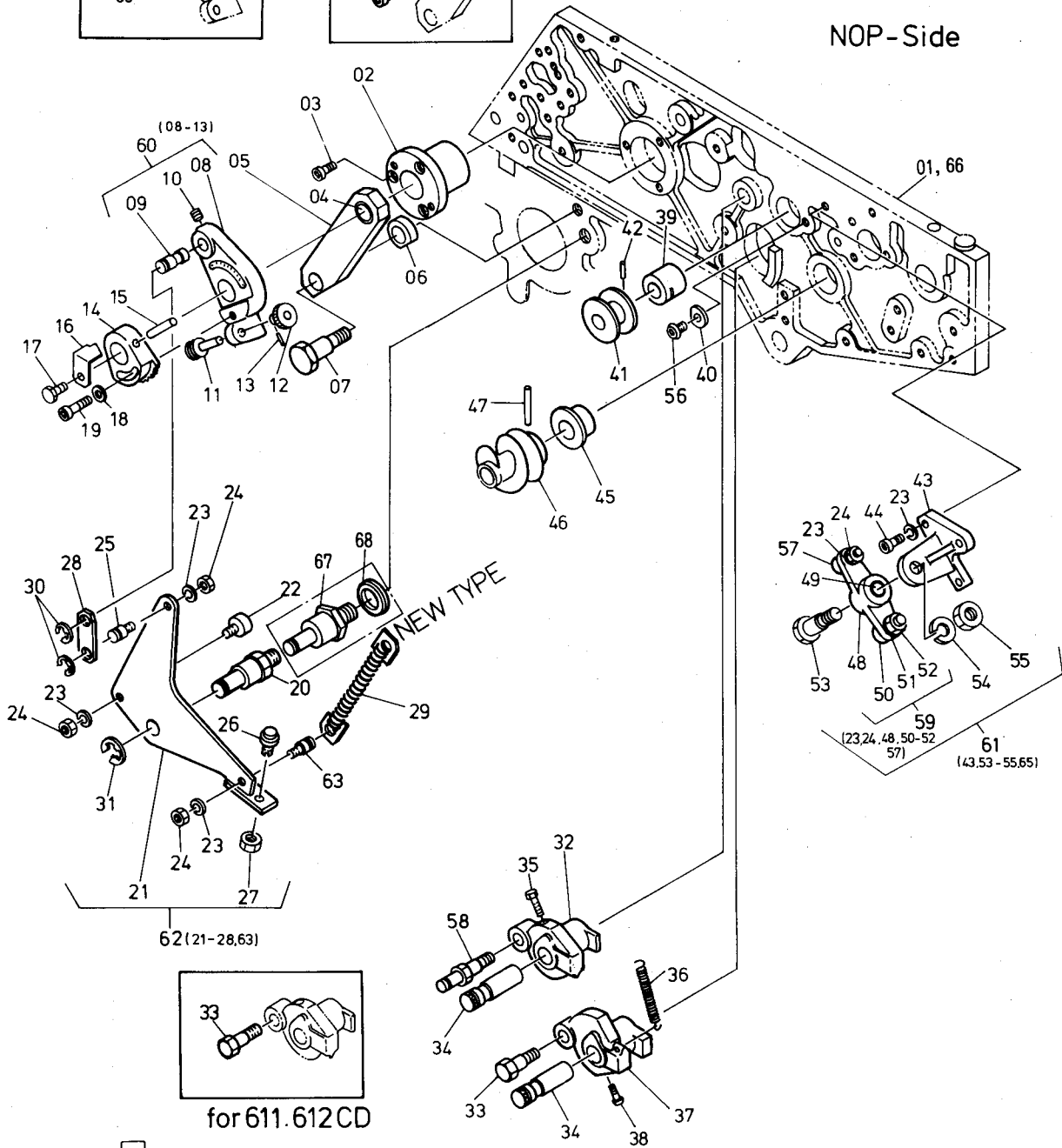
NEW TYPE
(HV-4700~)

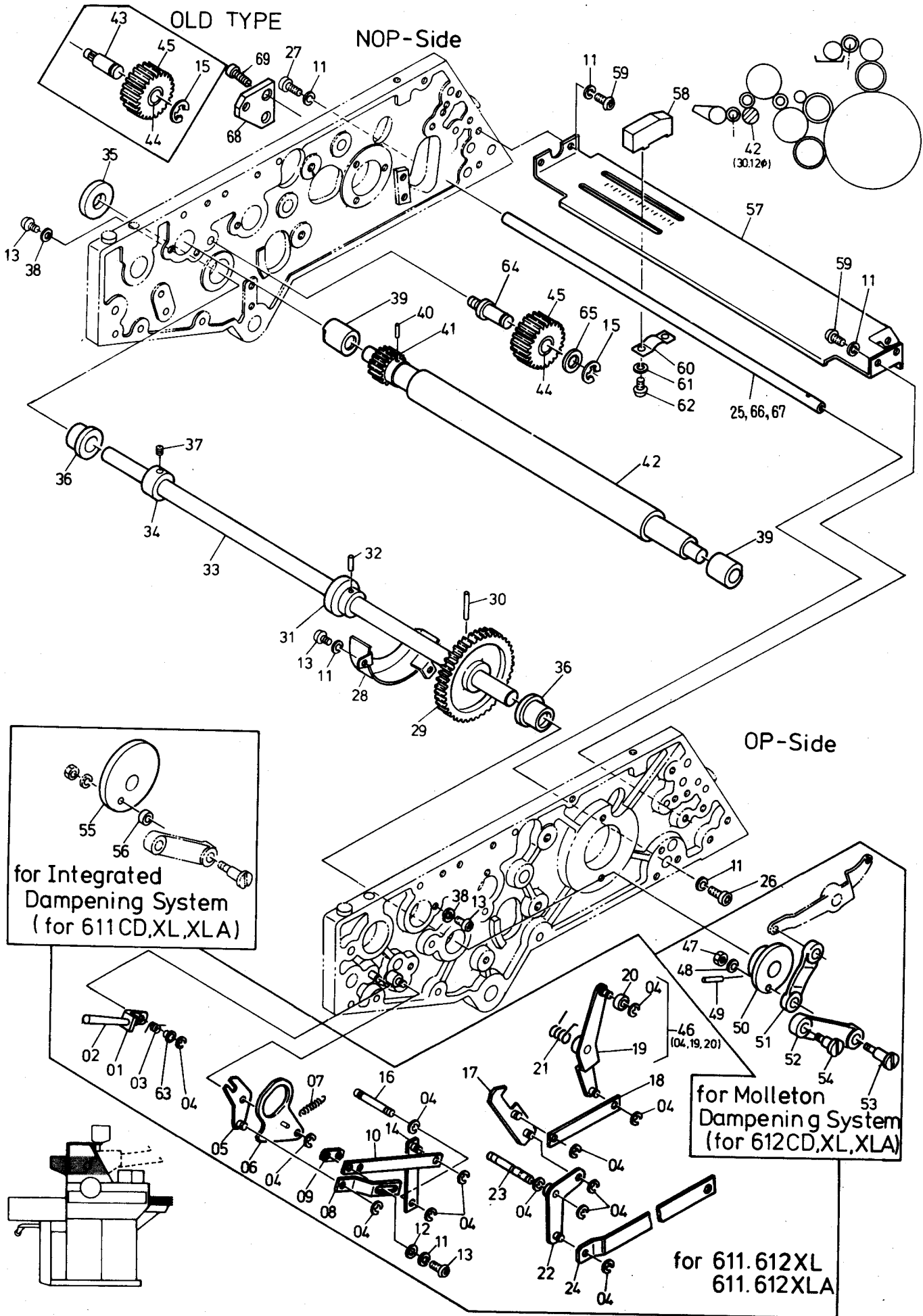


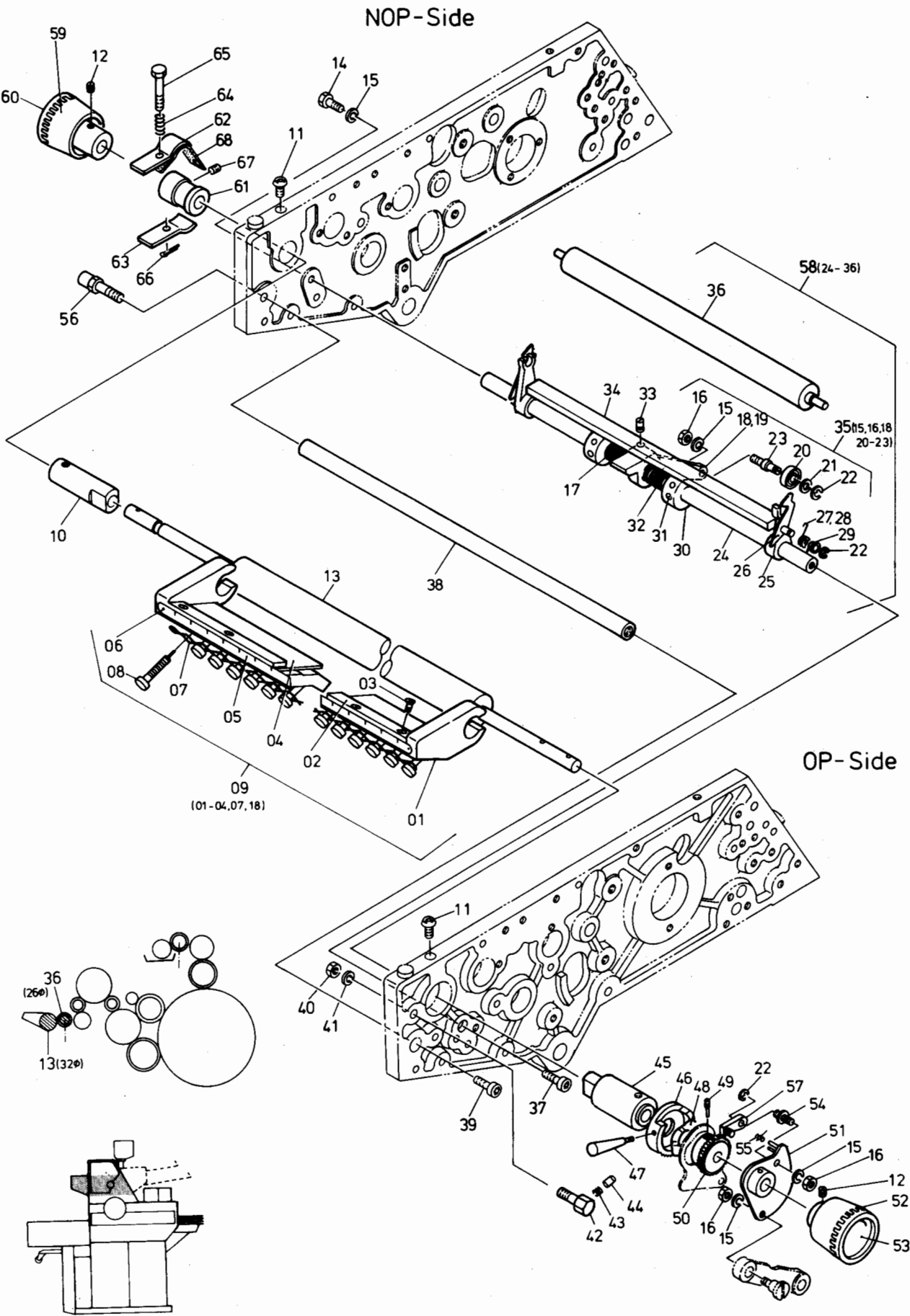
for 661.662CD

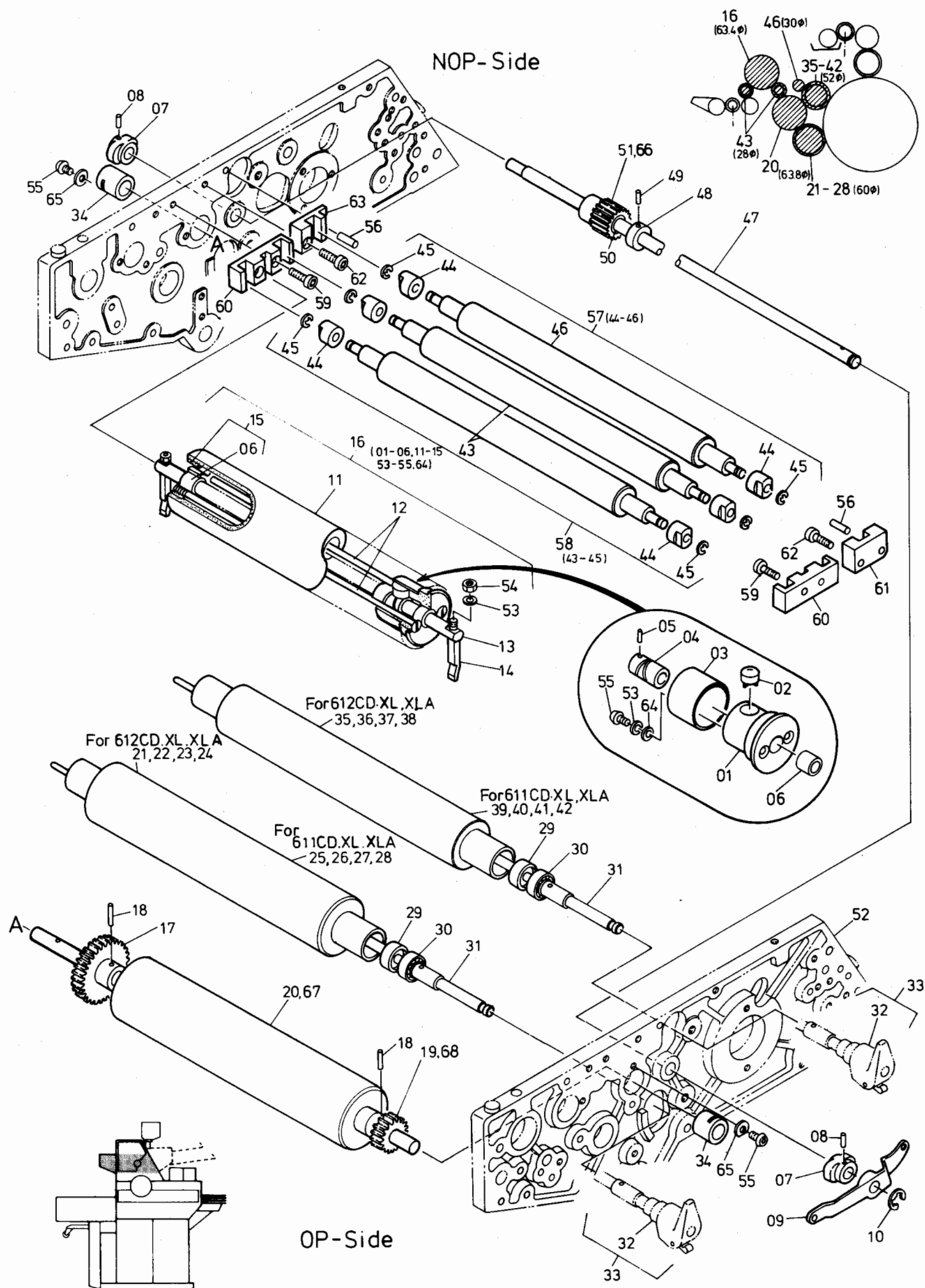


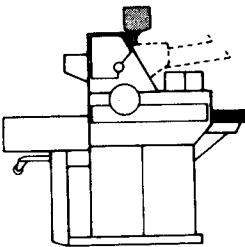
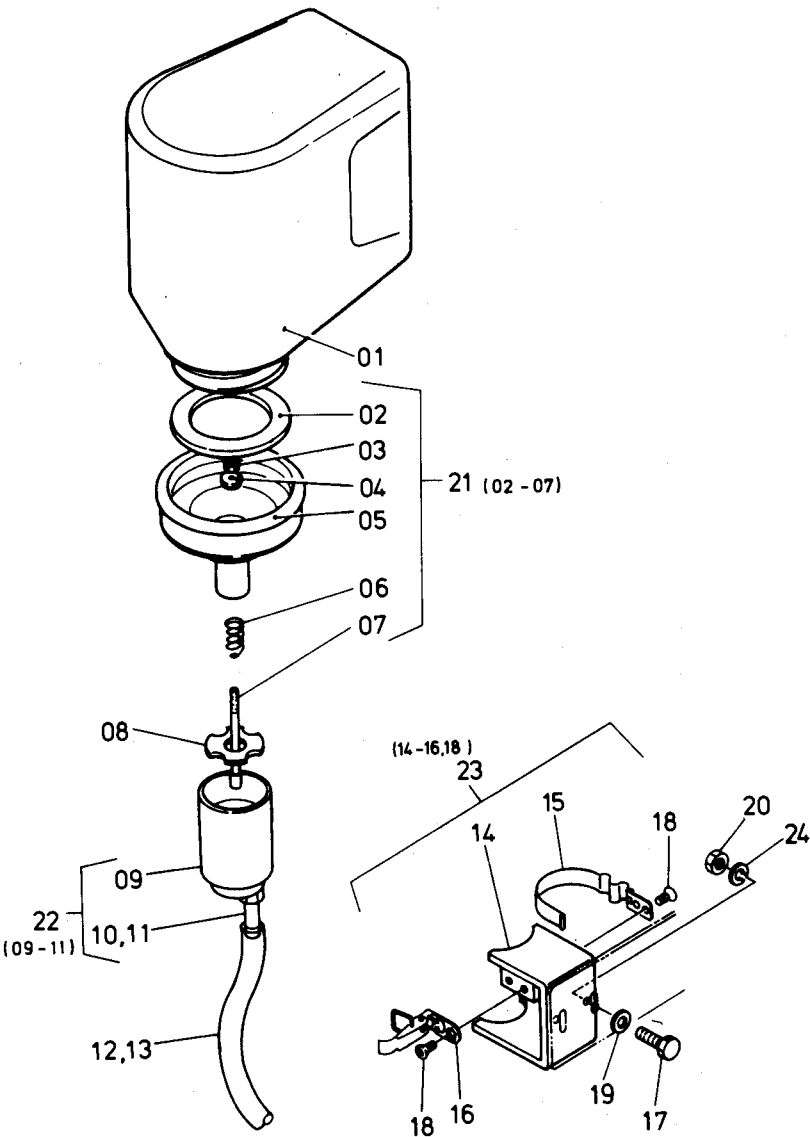
NOP-Side

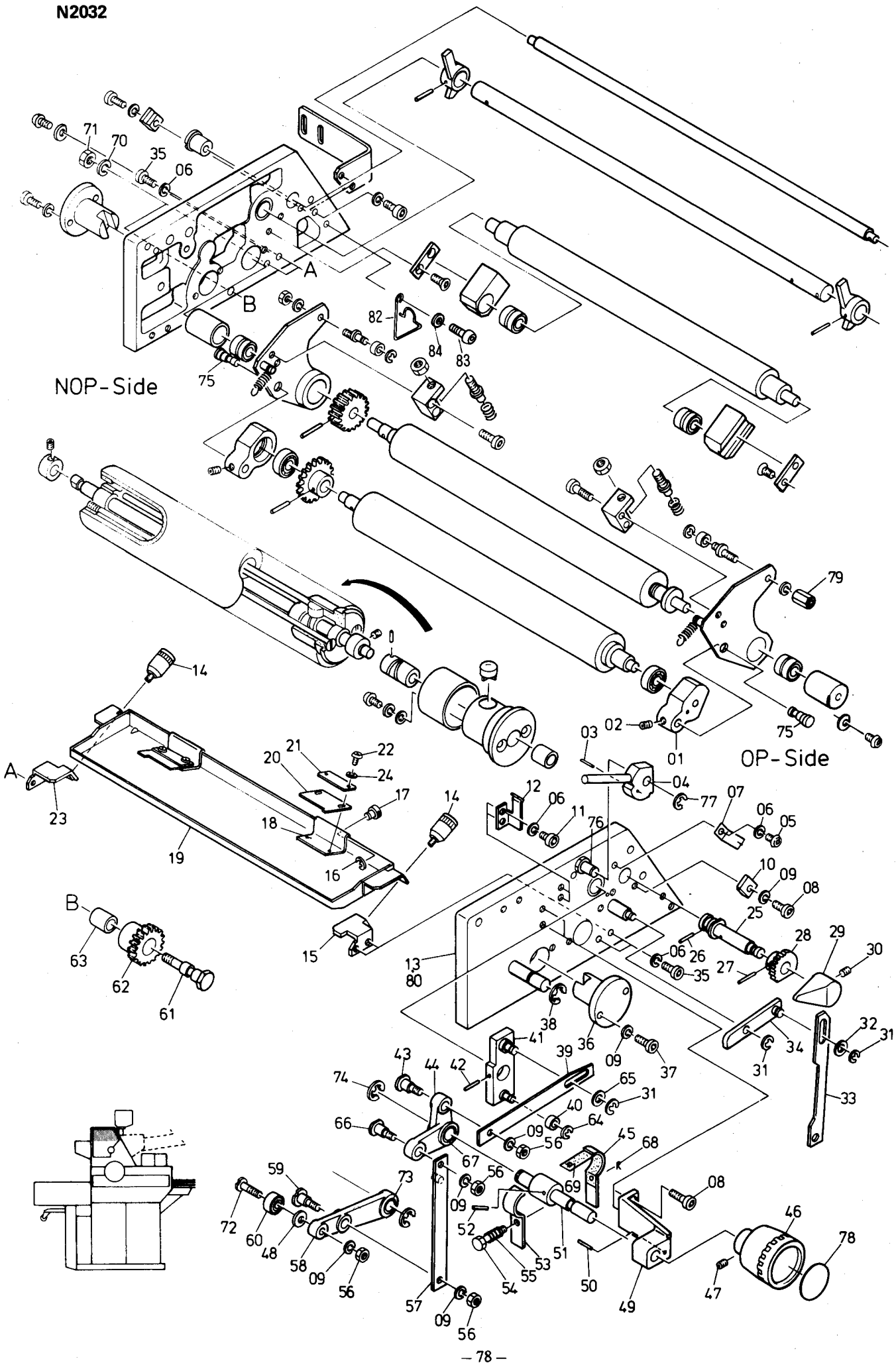


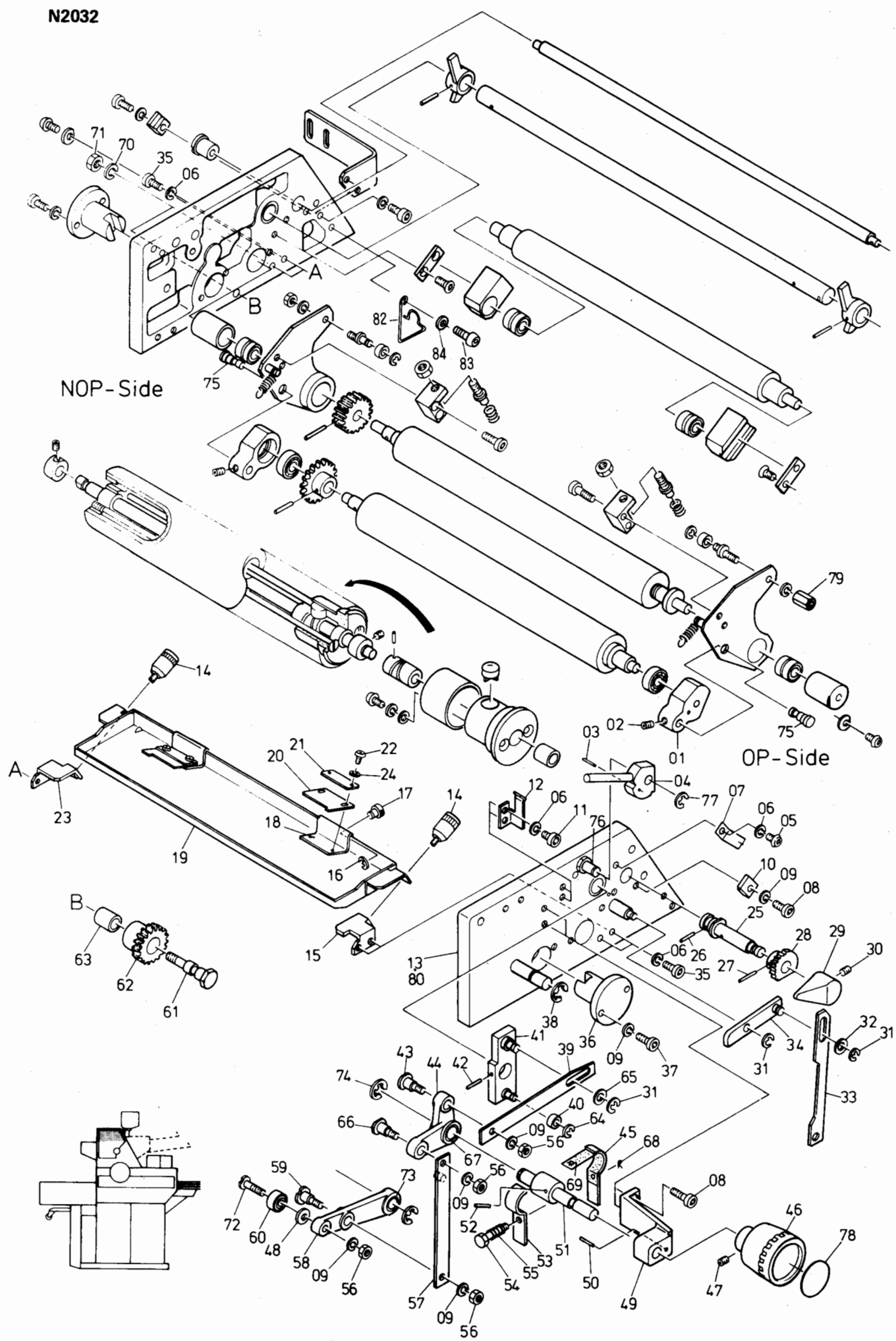


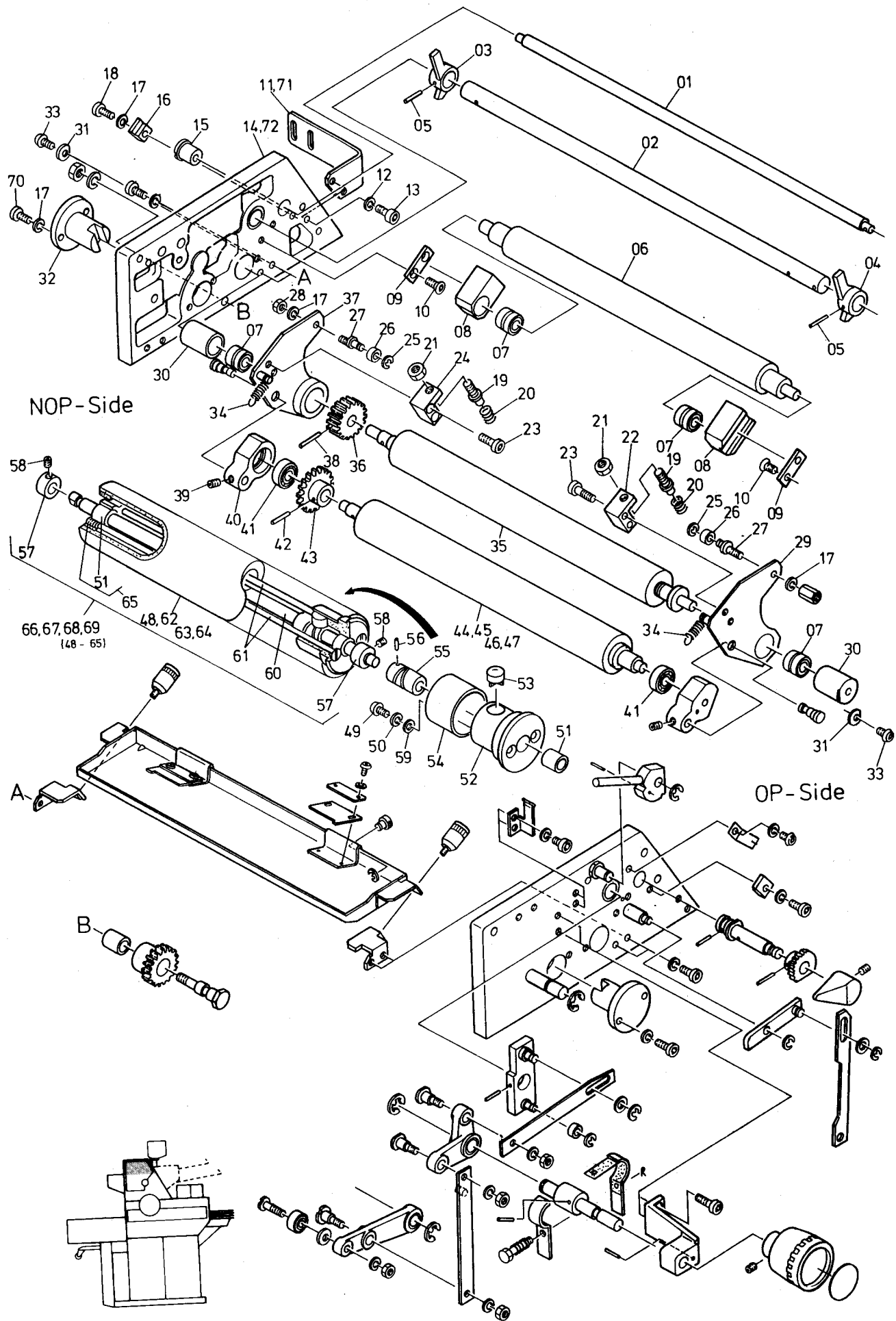


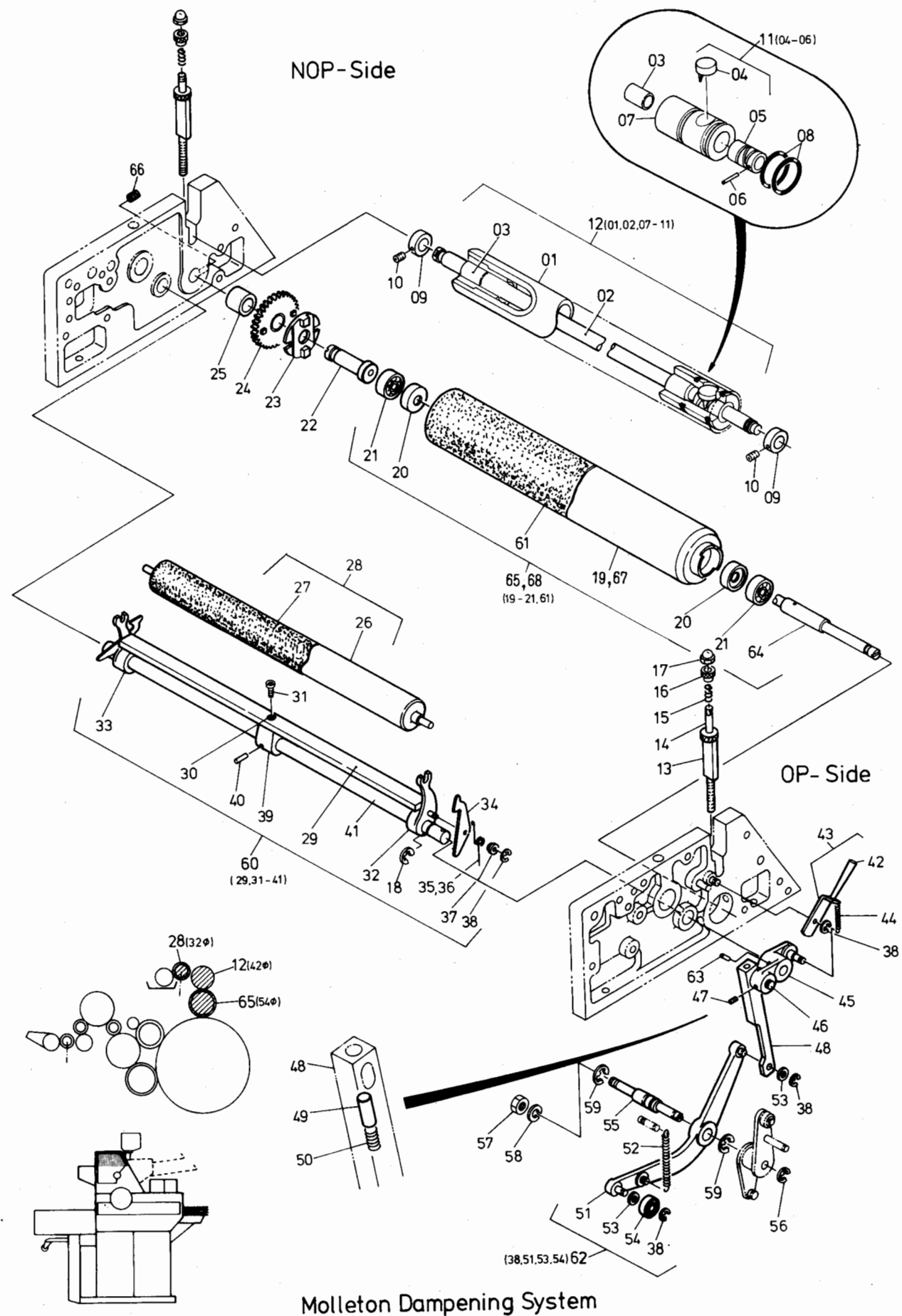


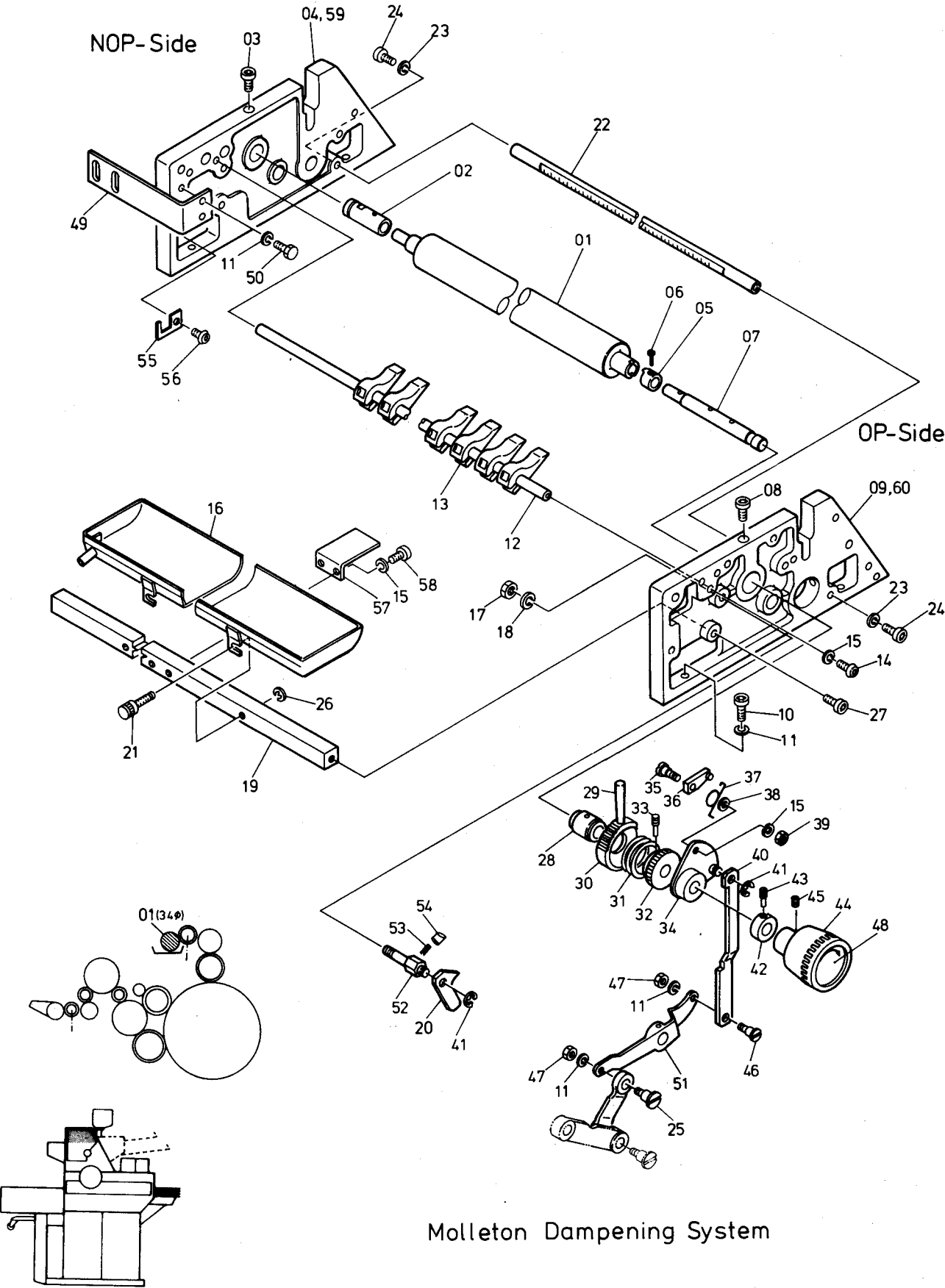






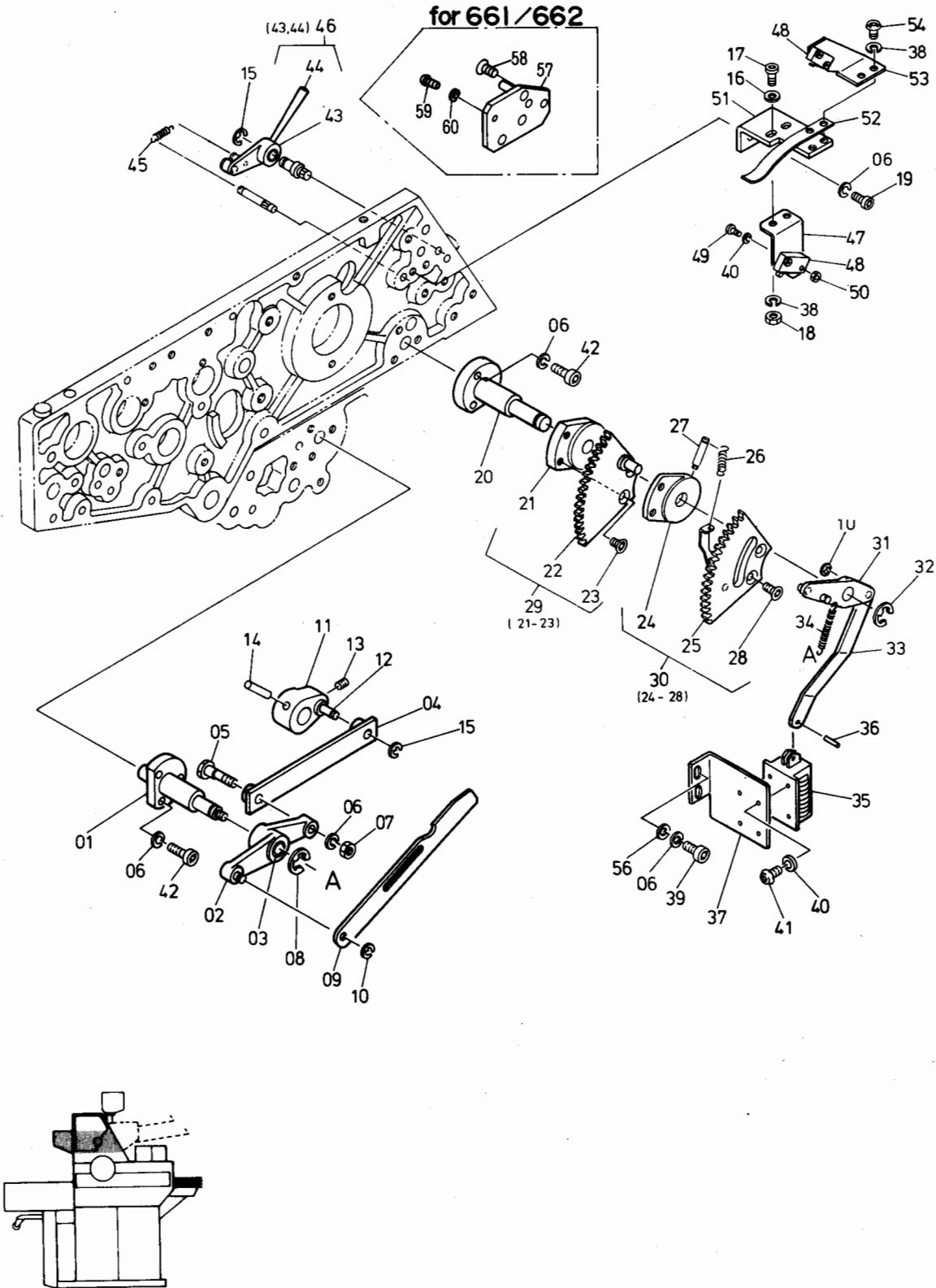


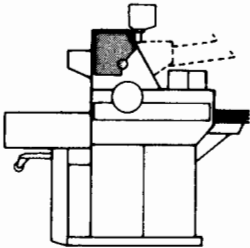
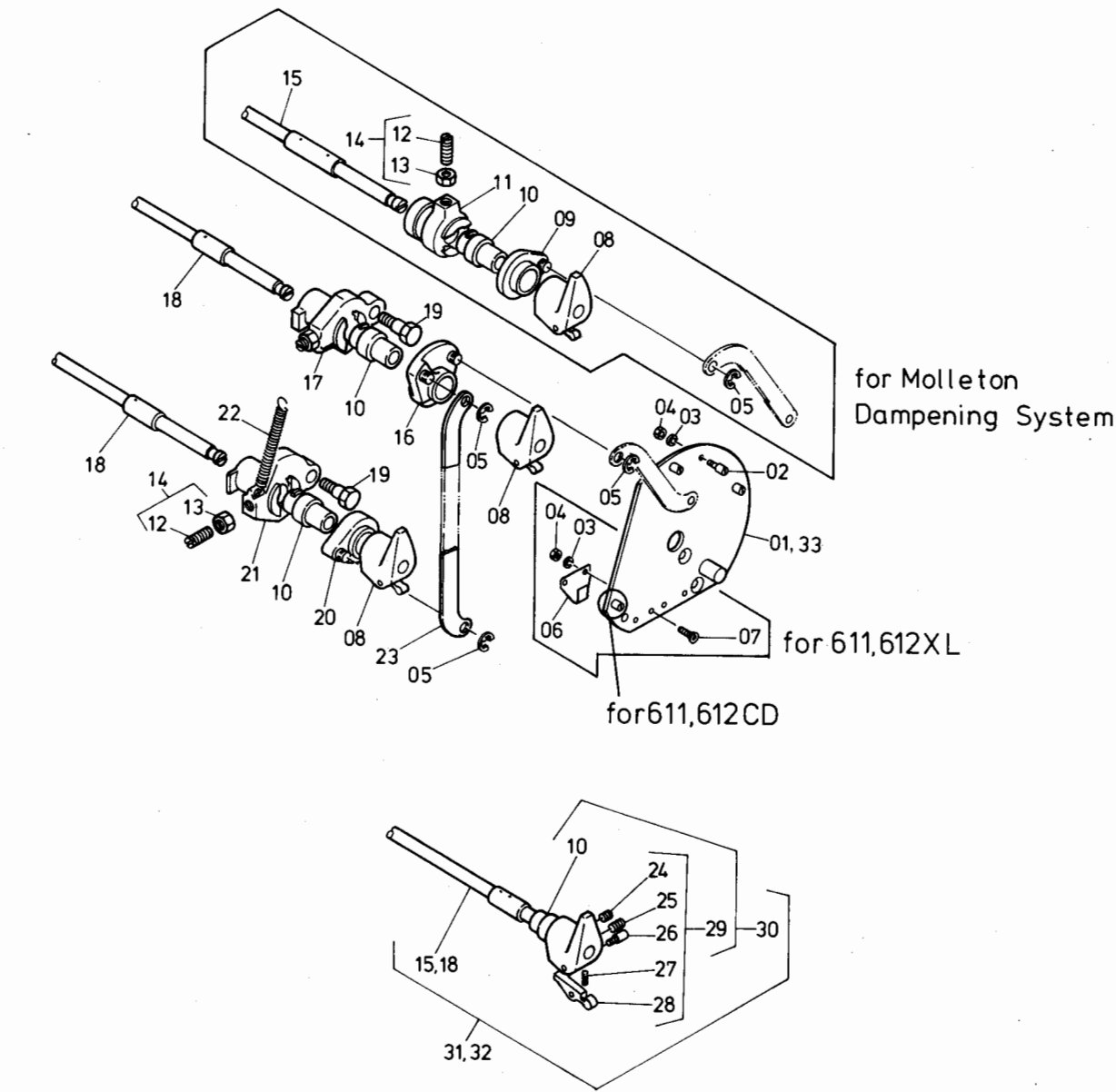


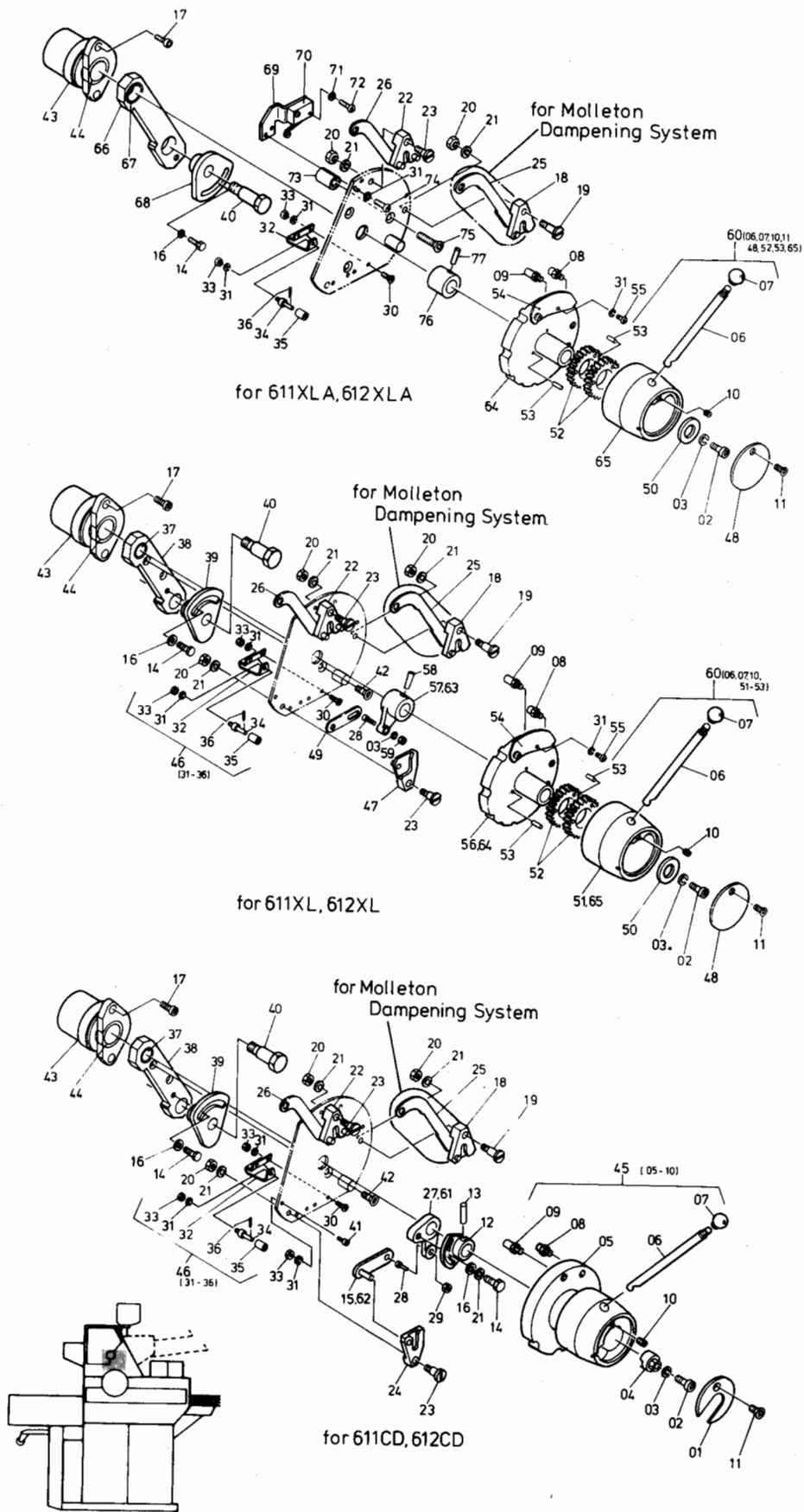


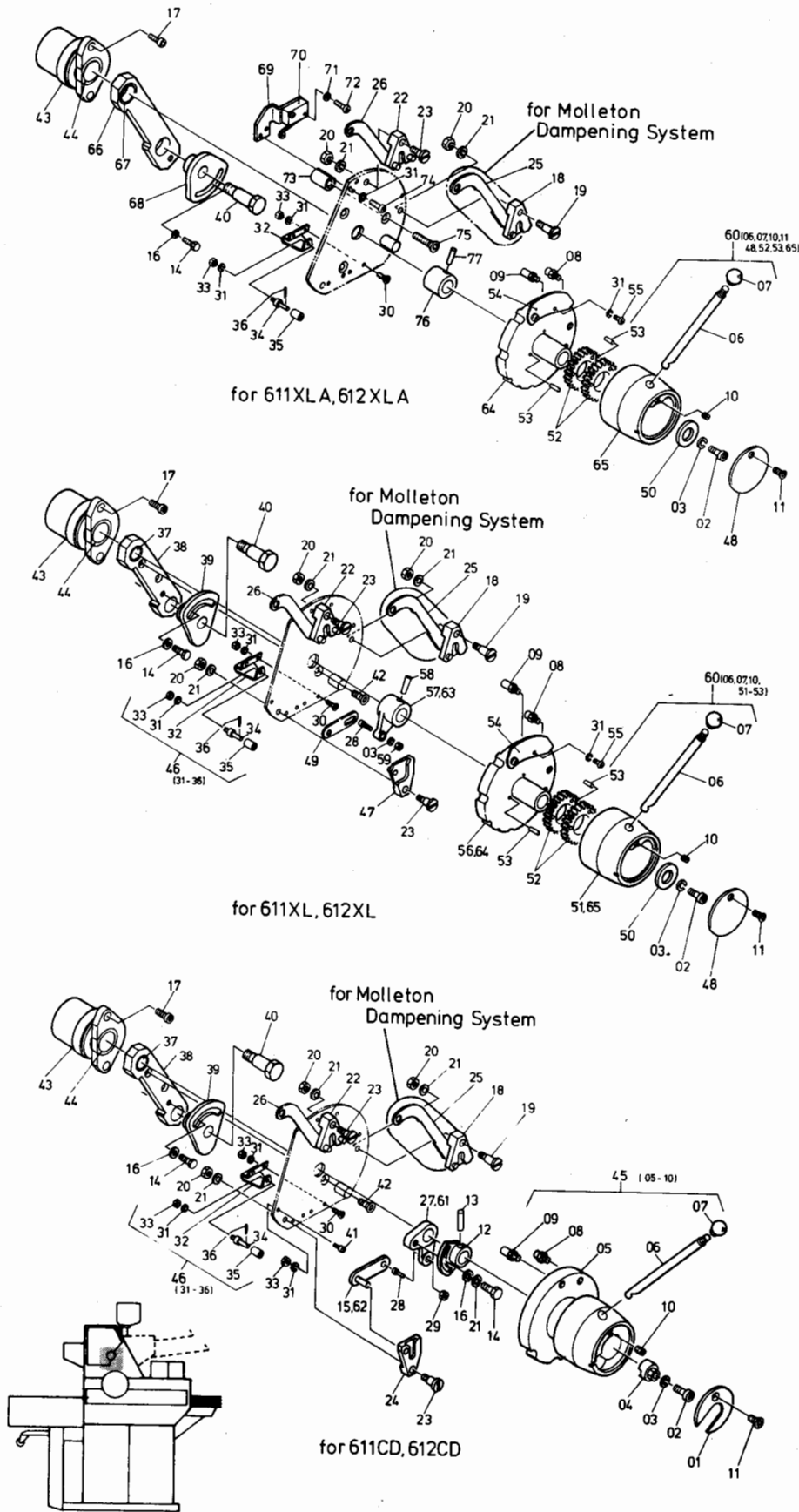
Molleton Dampening System

OP-Side

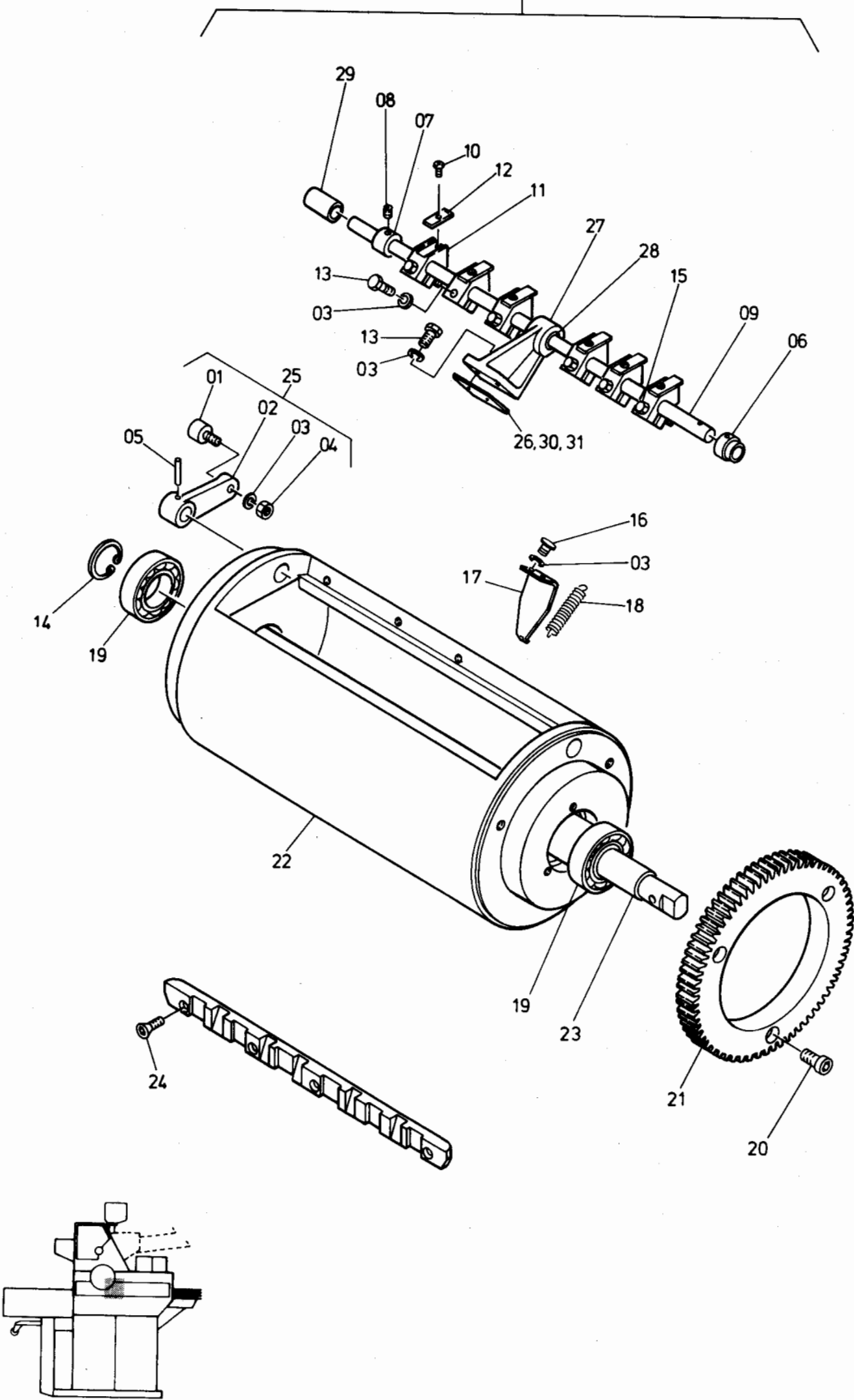


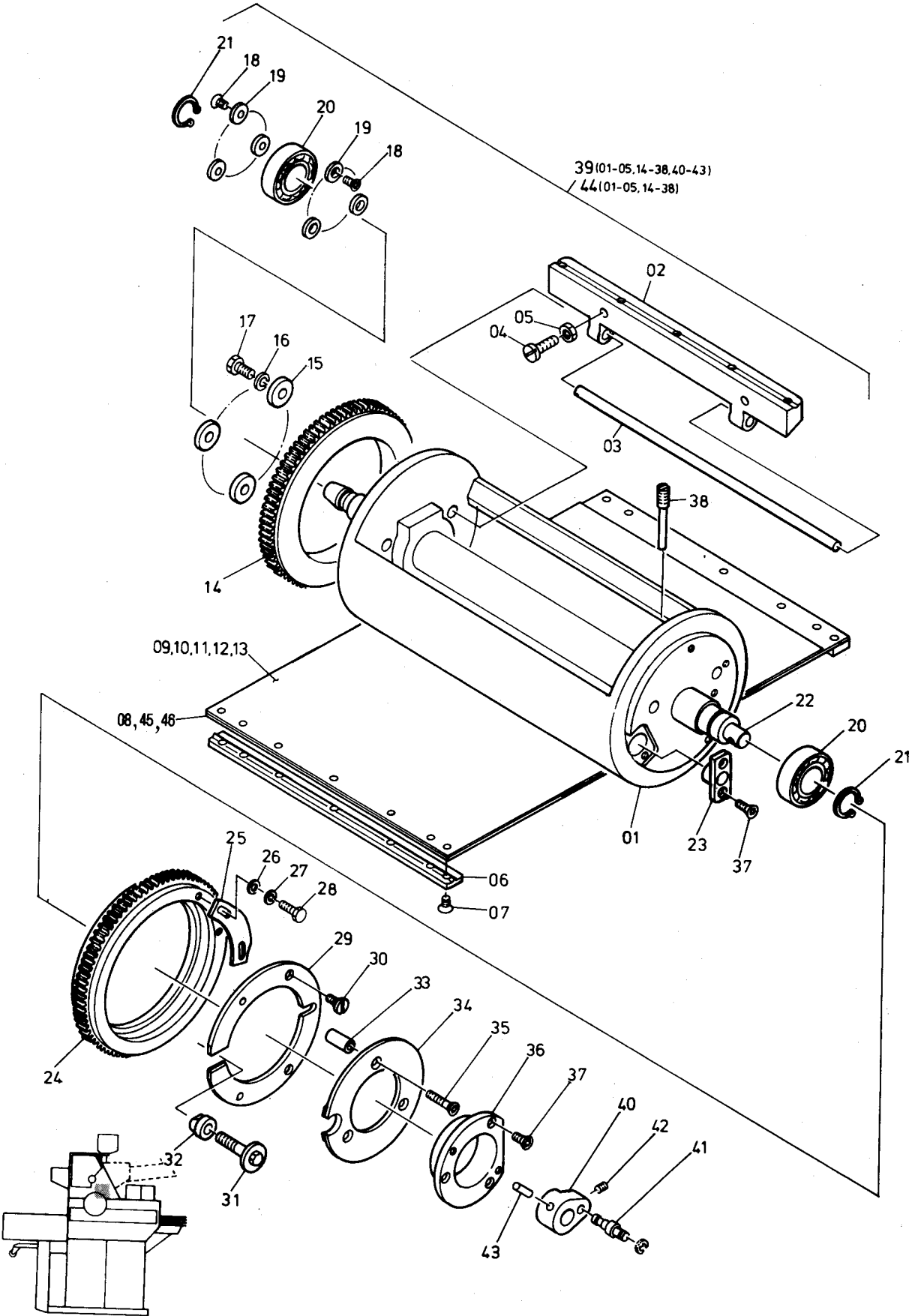


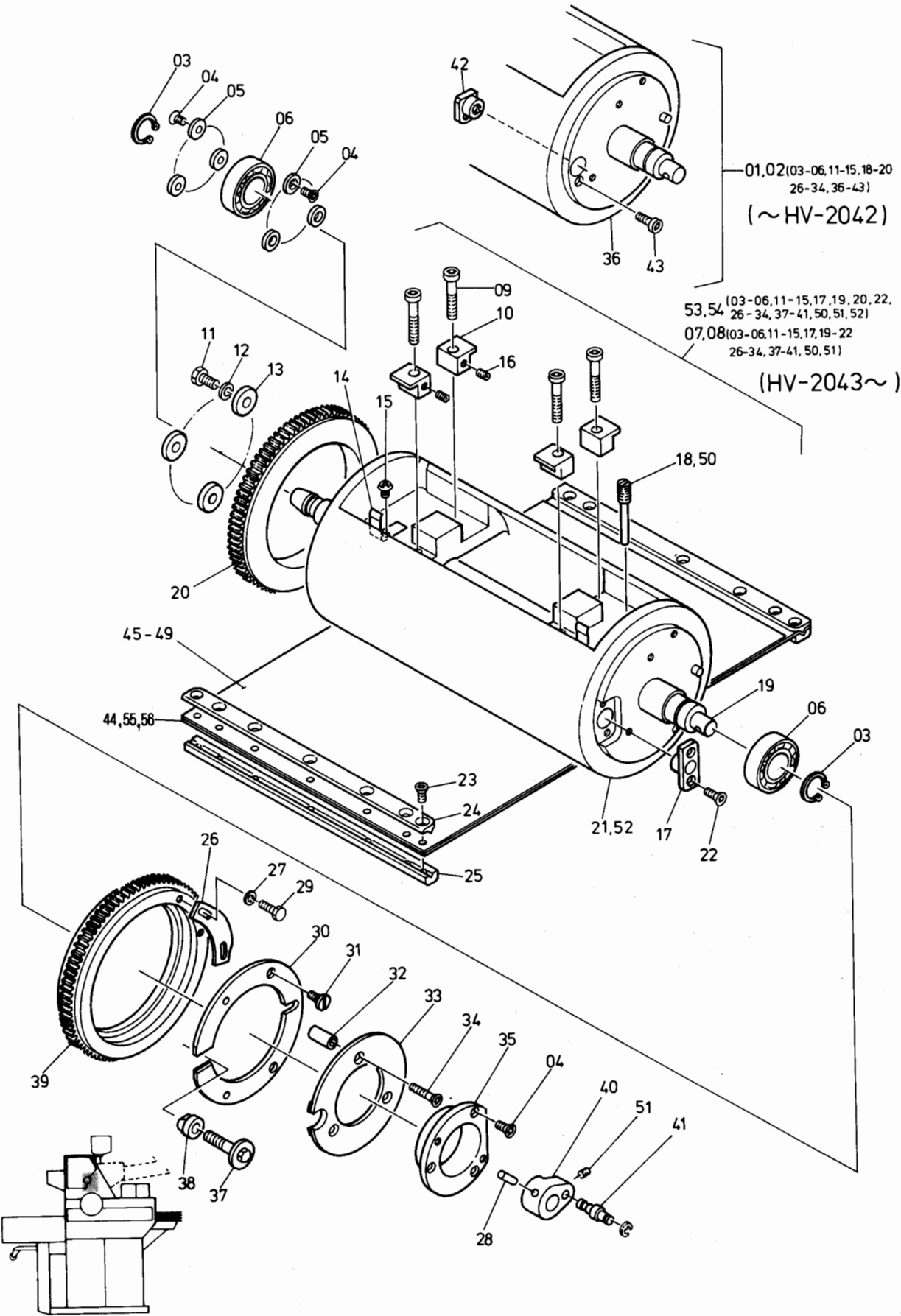


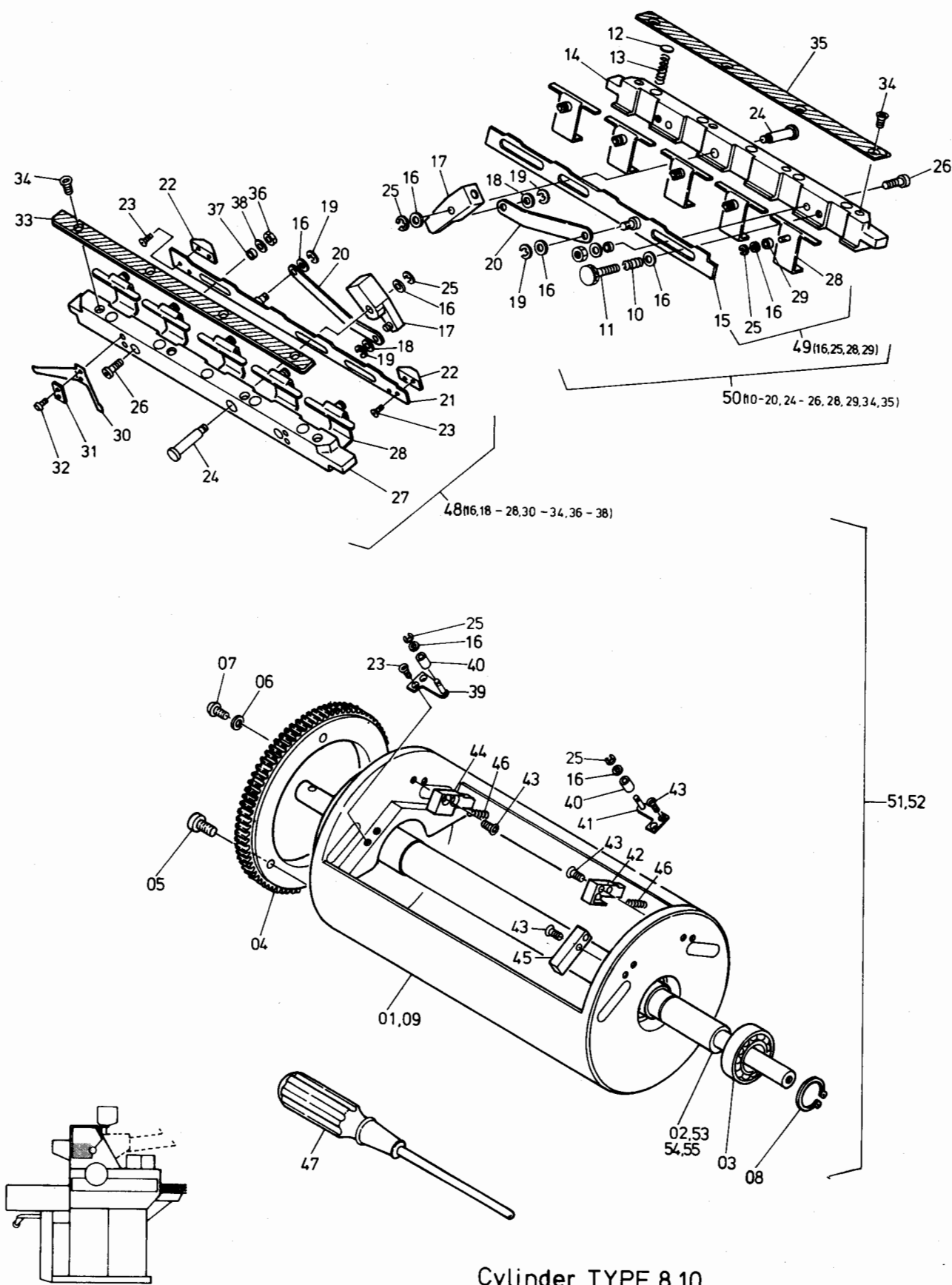


32(03, 06-31)

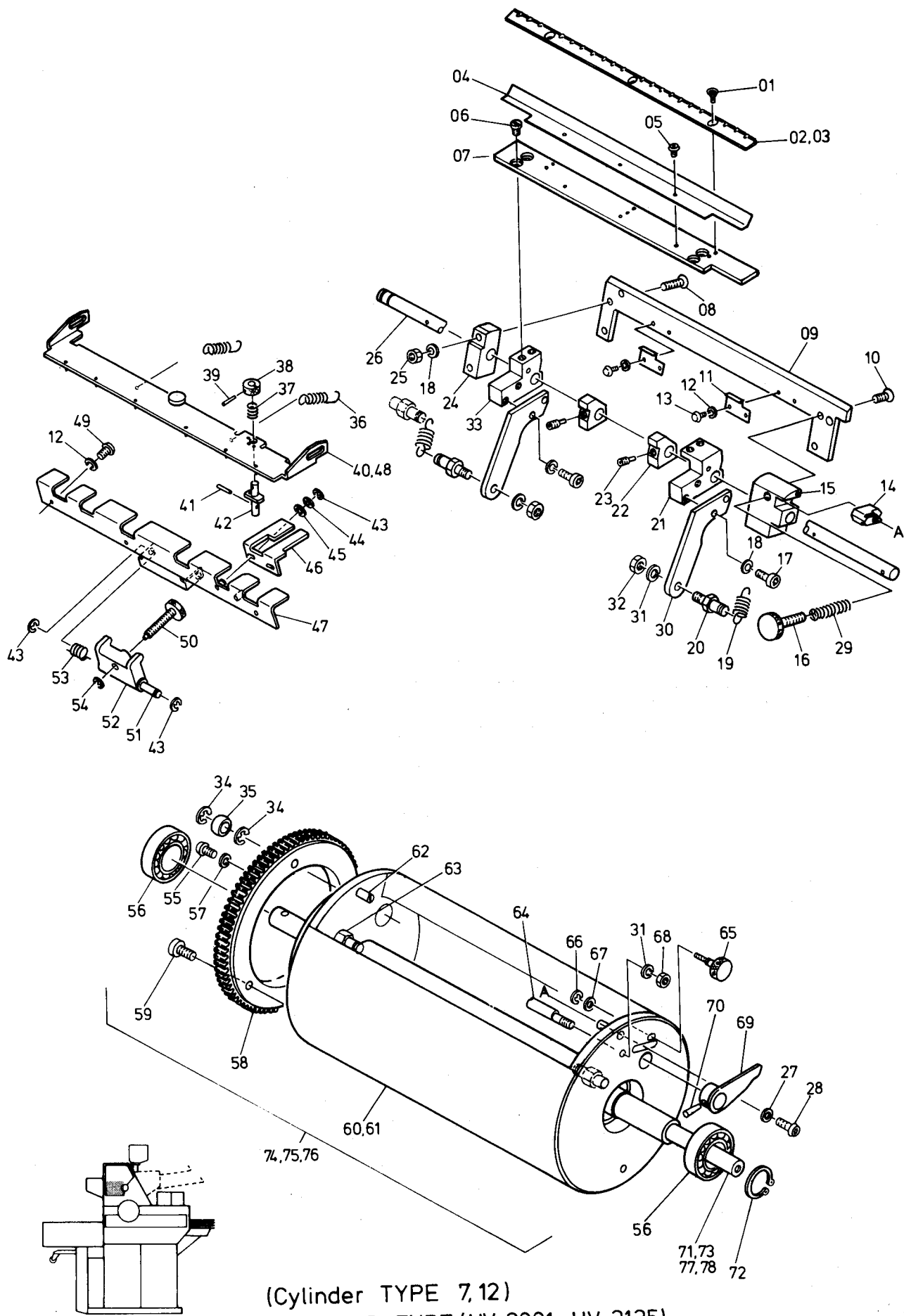


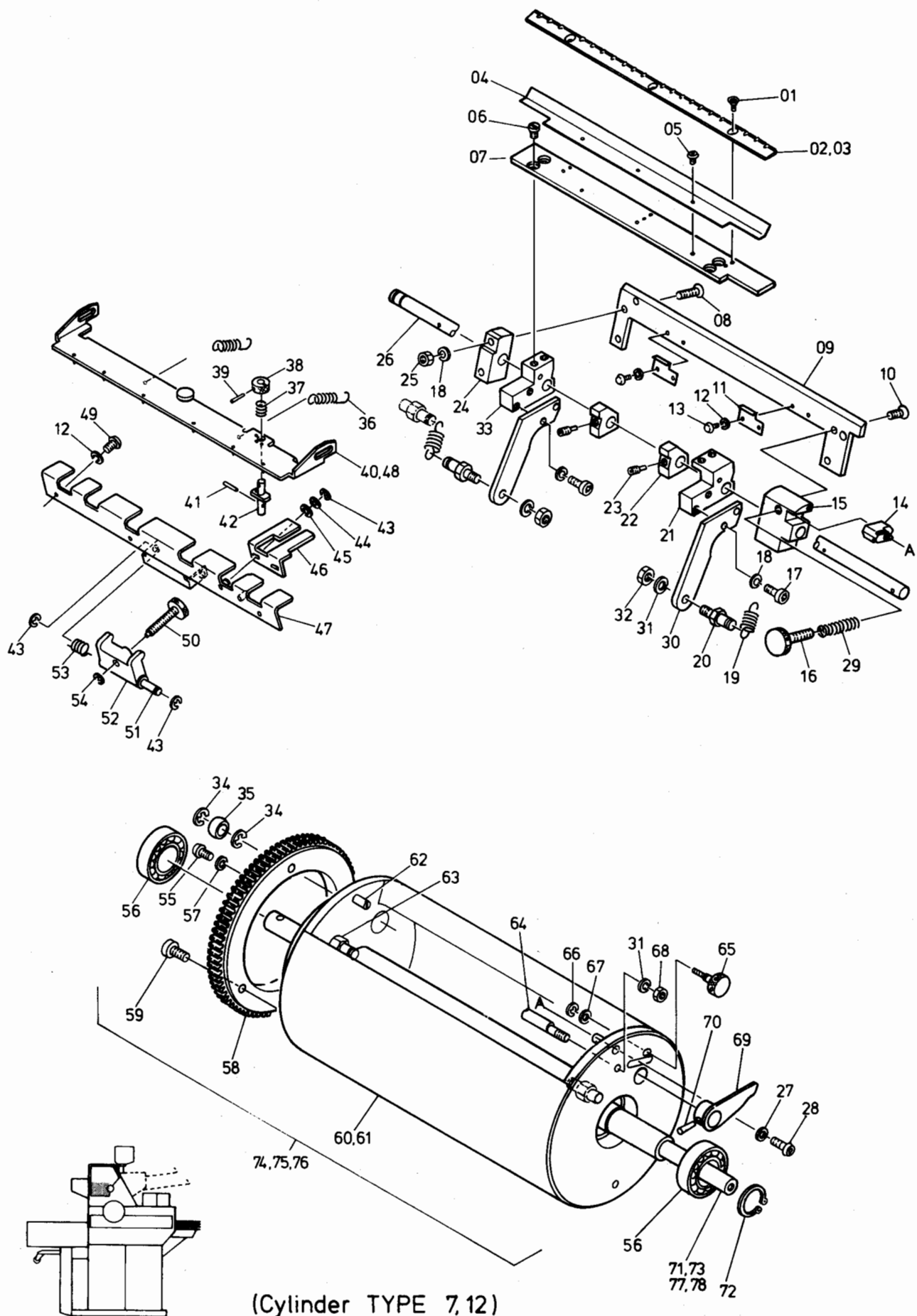




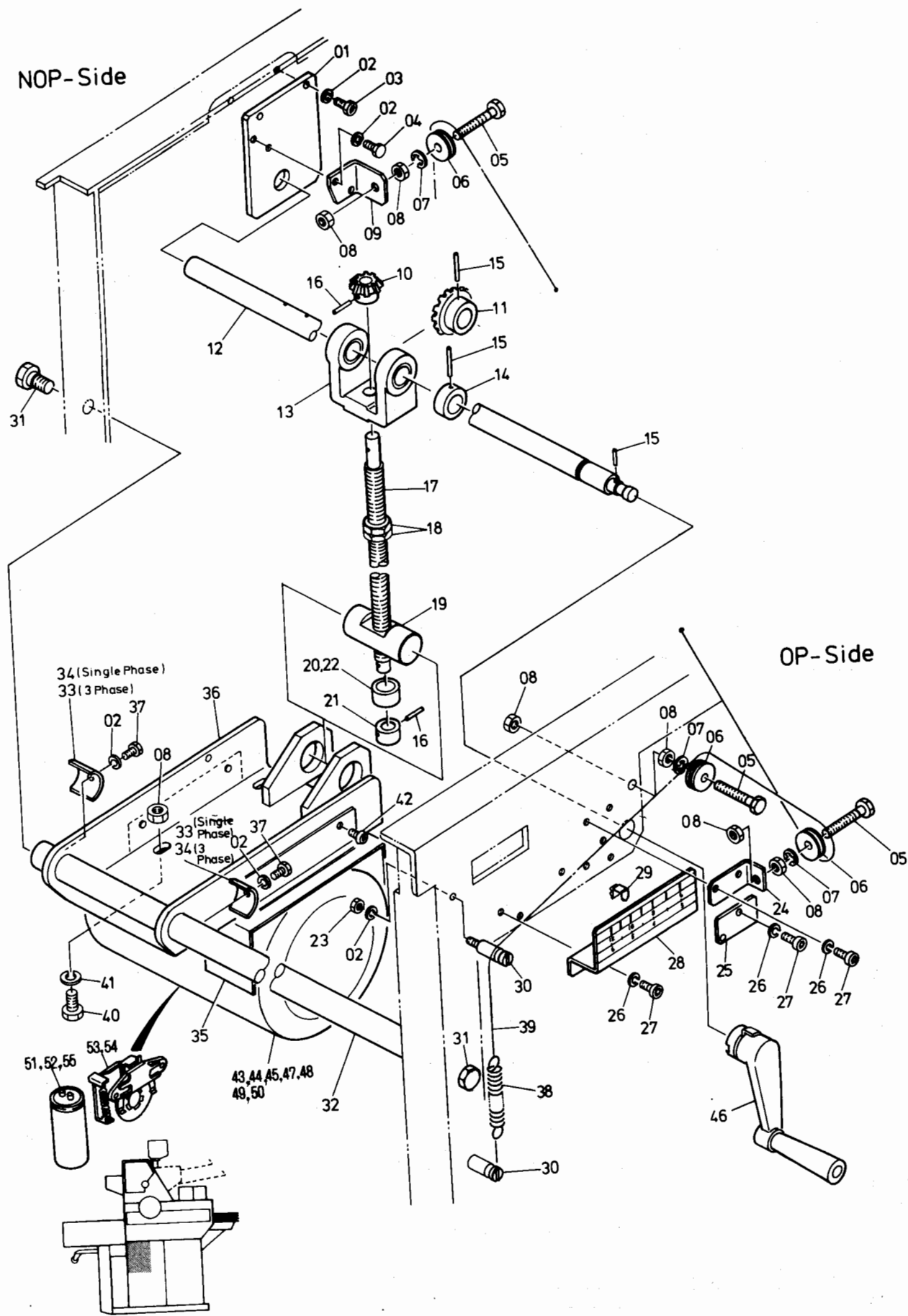


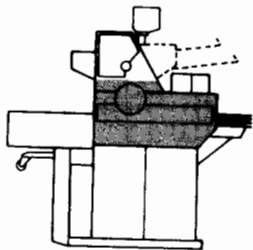
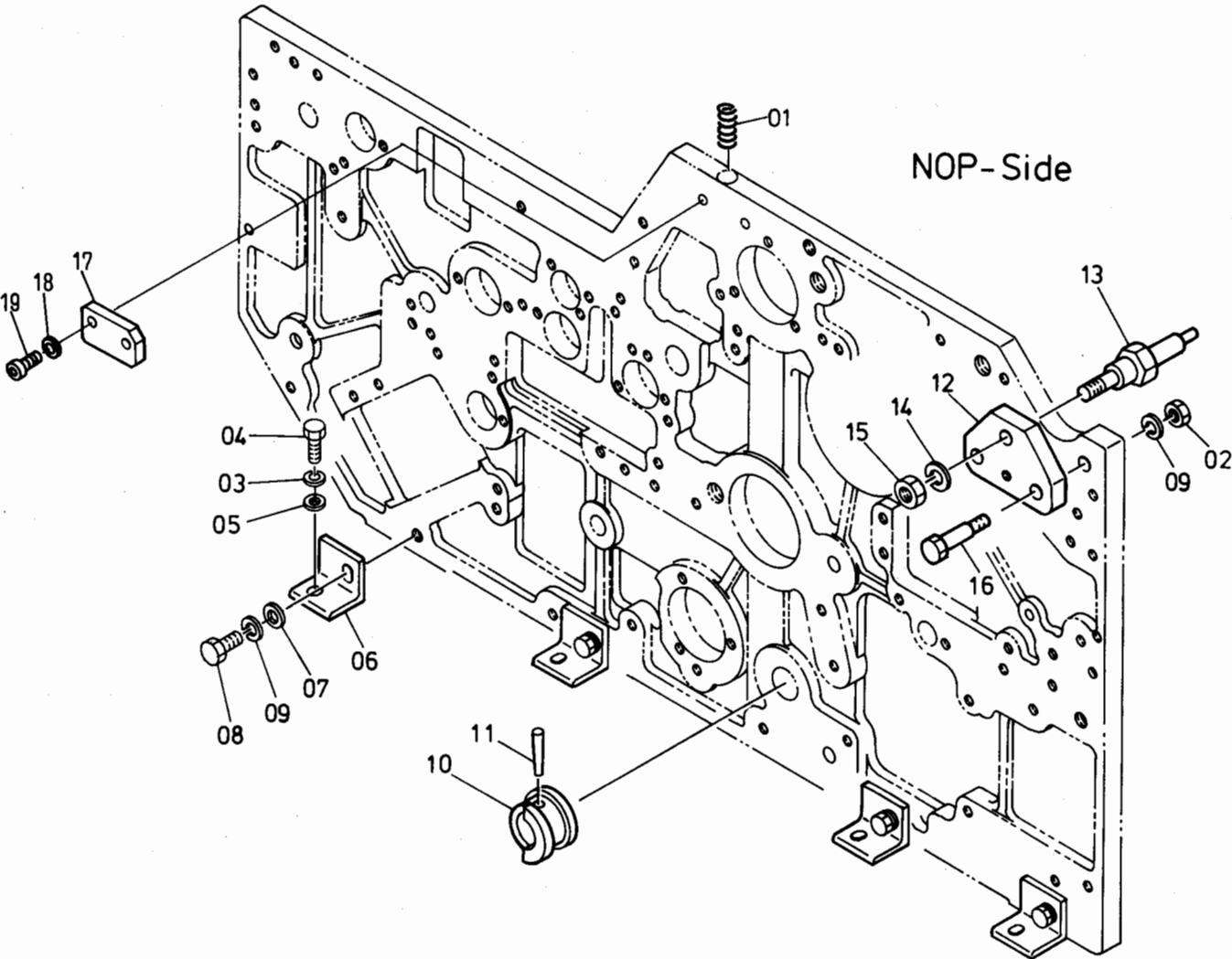
Cylinder TYPE 8,10



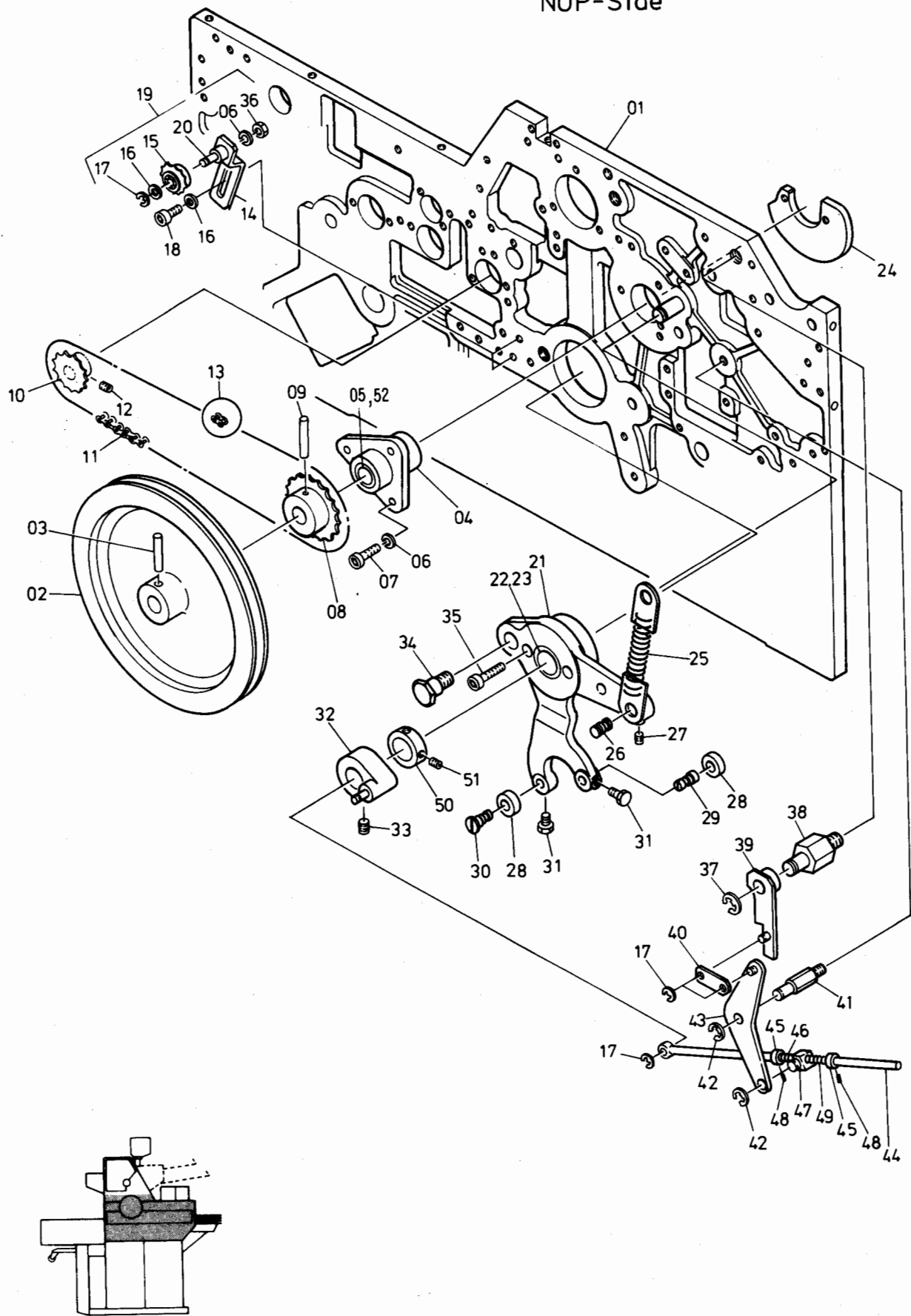


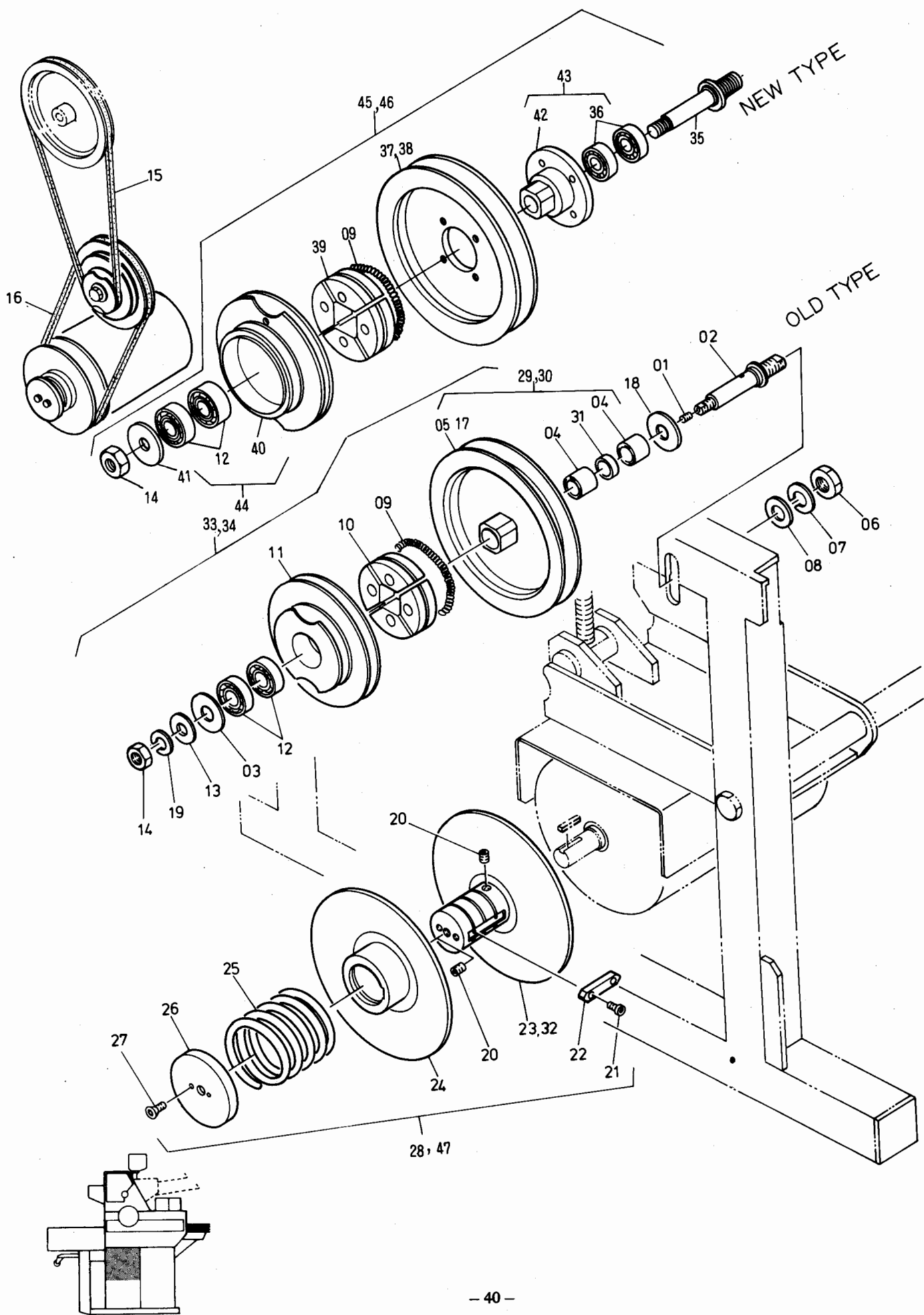
(Cylinder TYPE 7, 12)
 OLD TYPE (HV-2001~HV-3135)
 NEW TYPE (See Figure NO.2055)

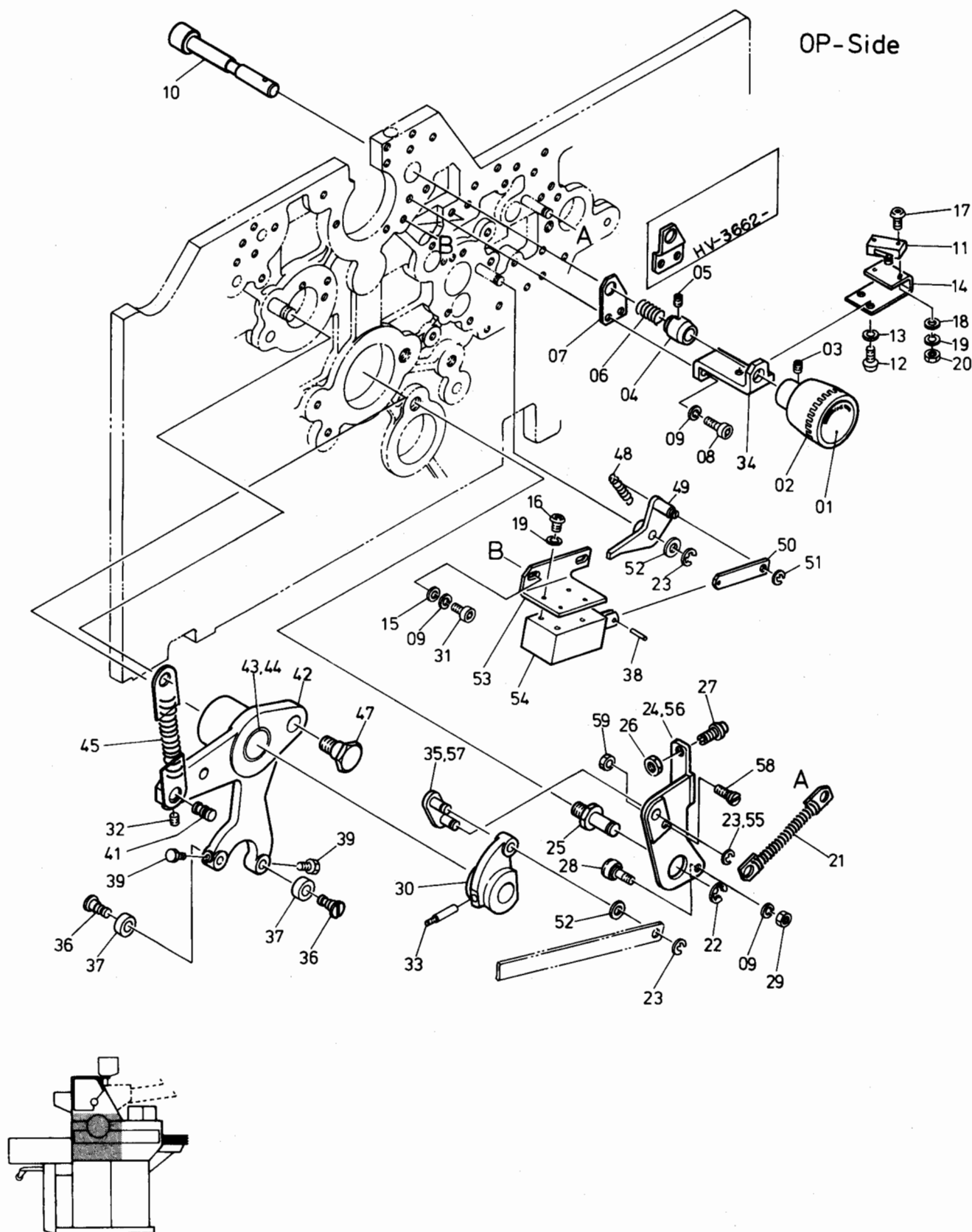


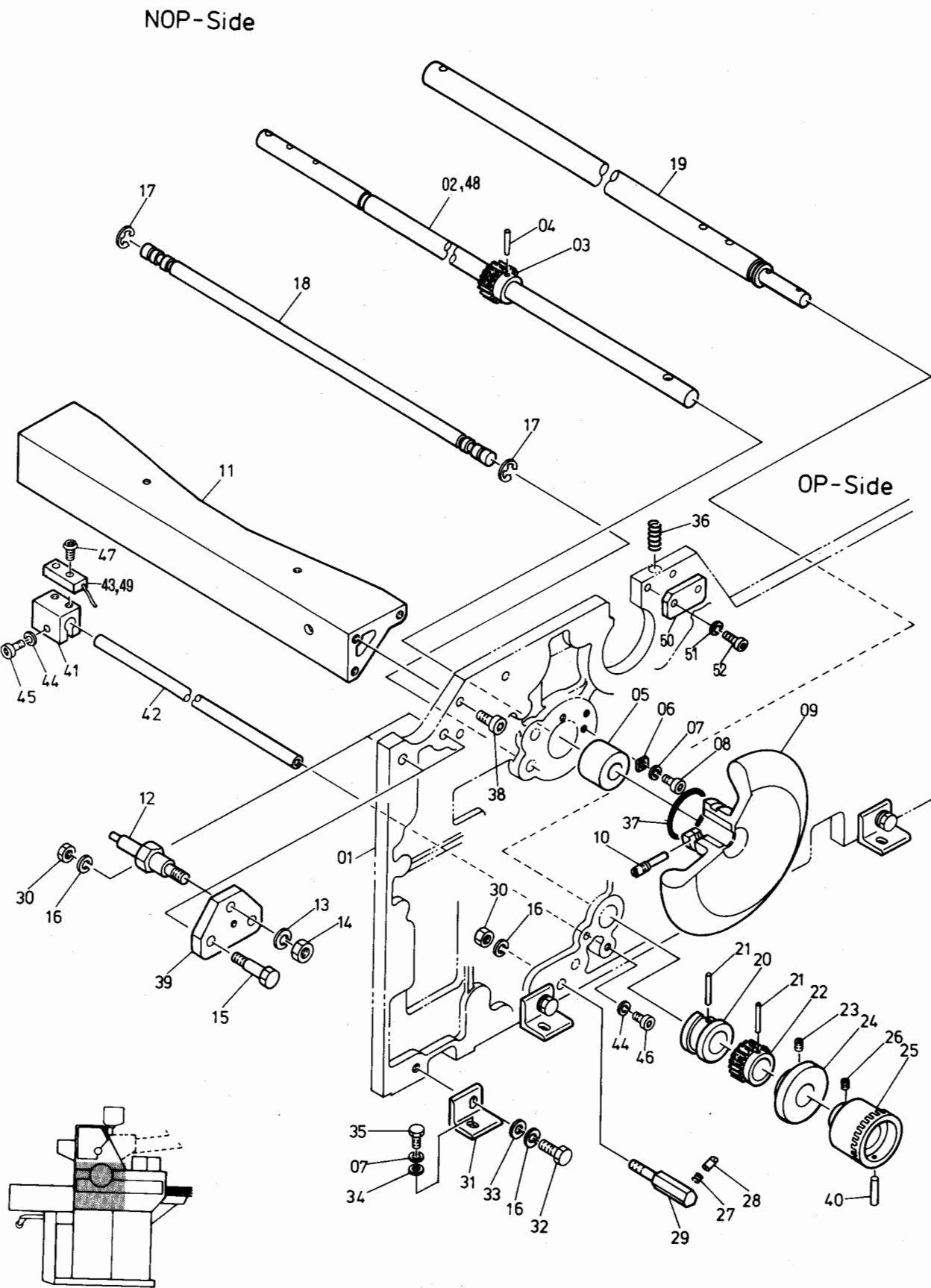


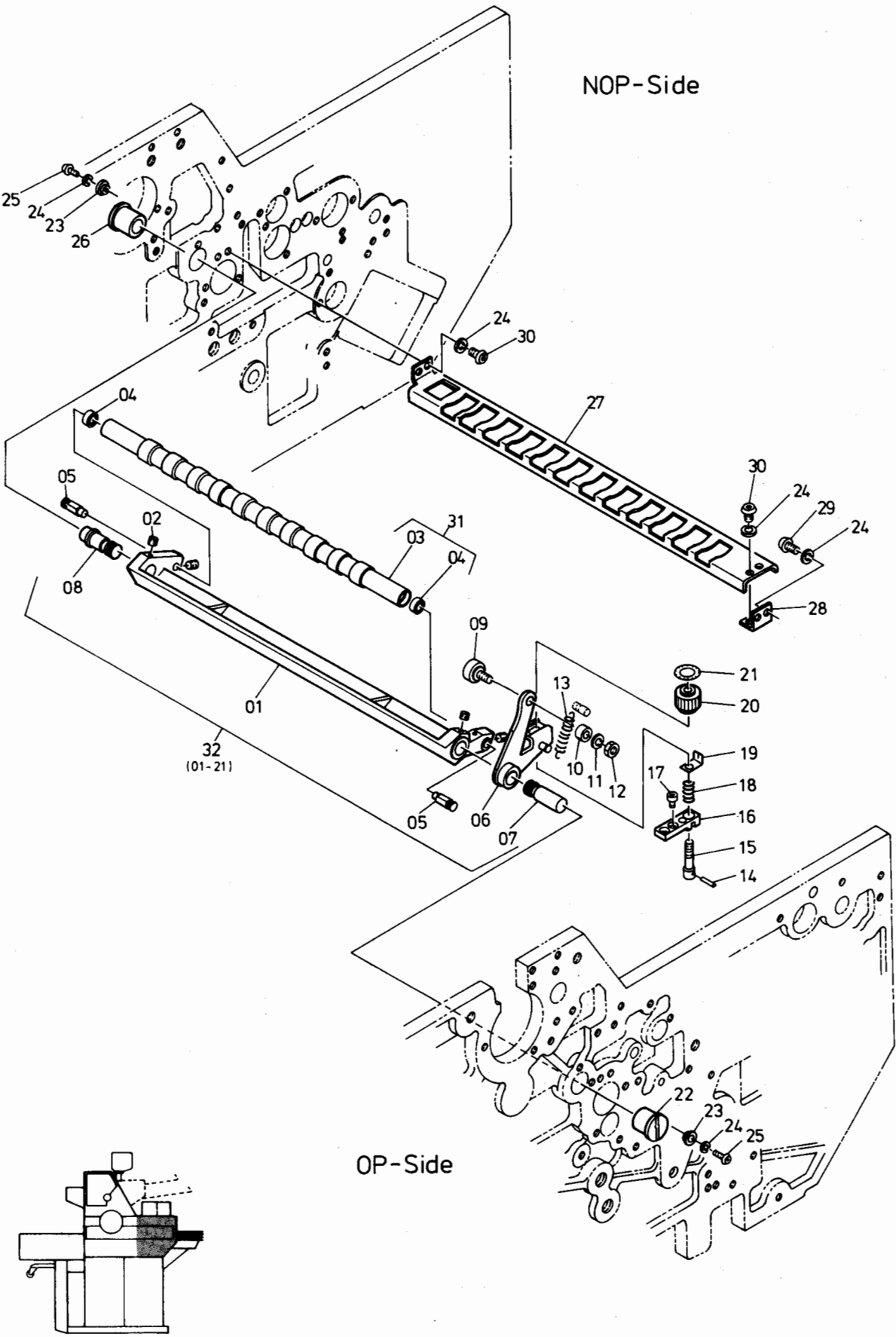
NOP-Side



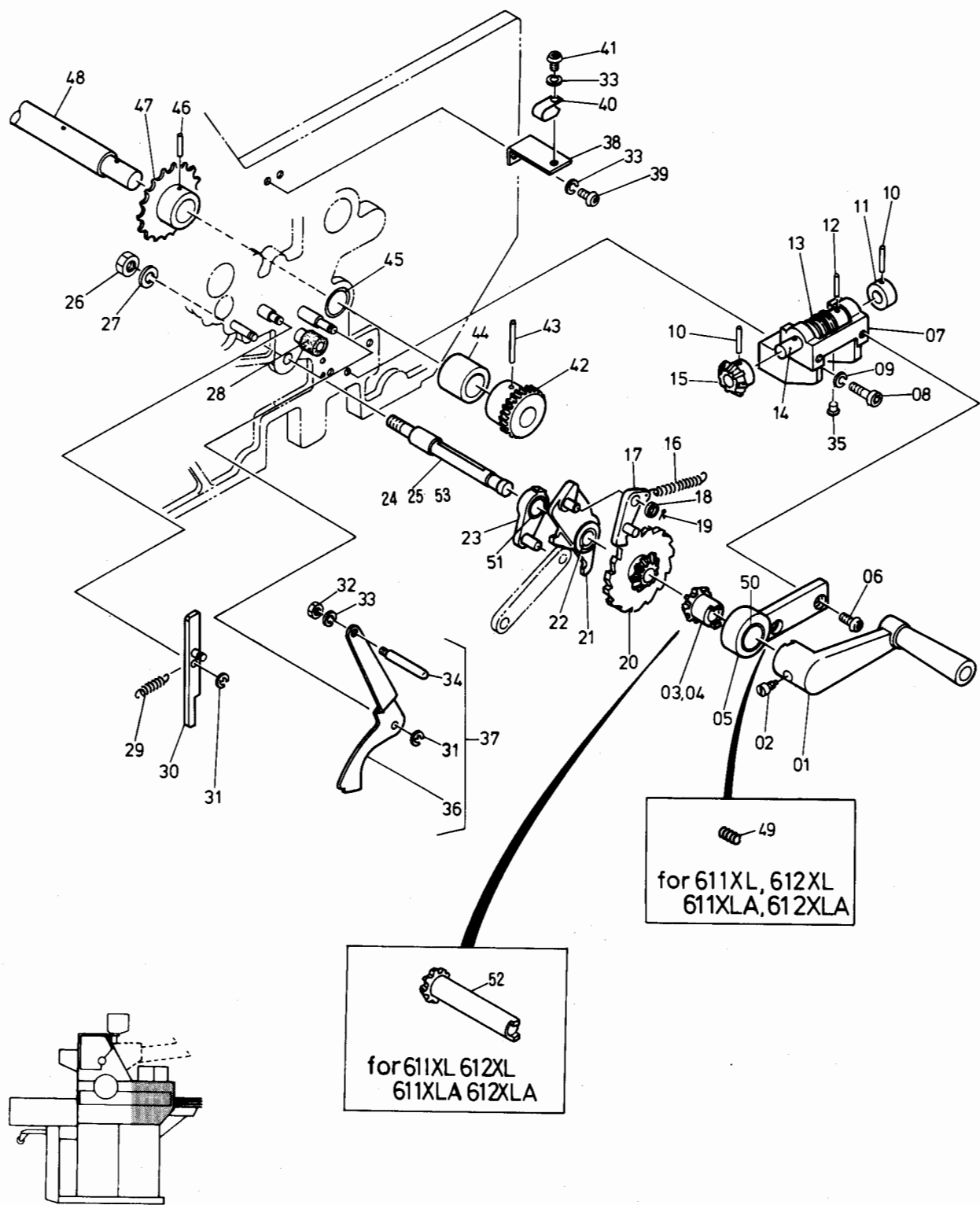


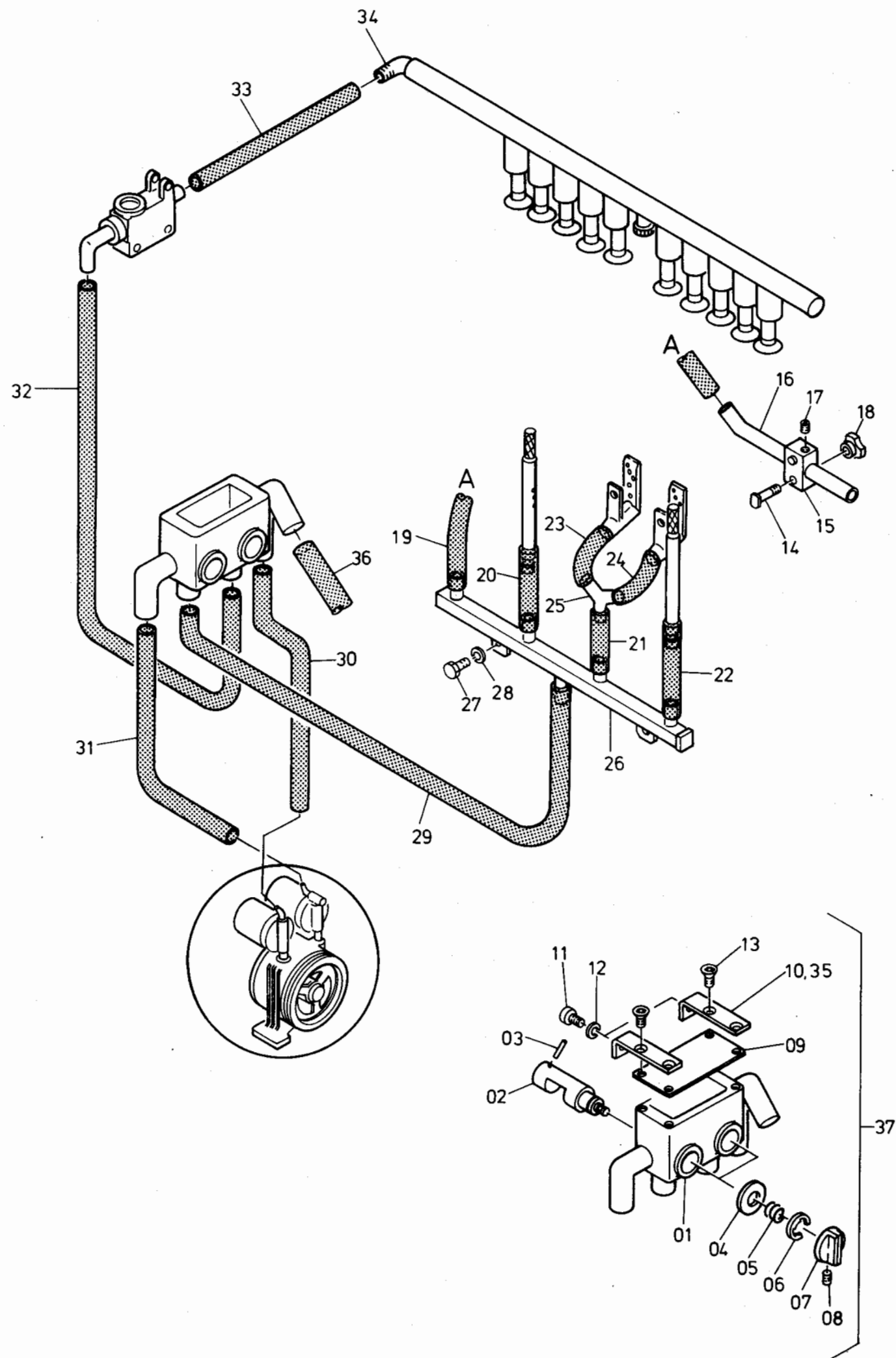


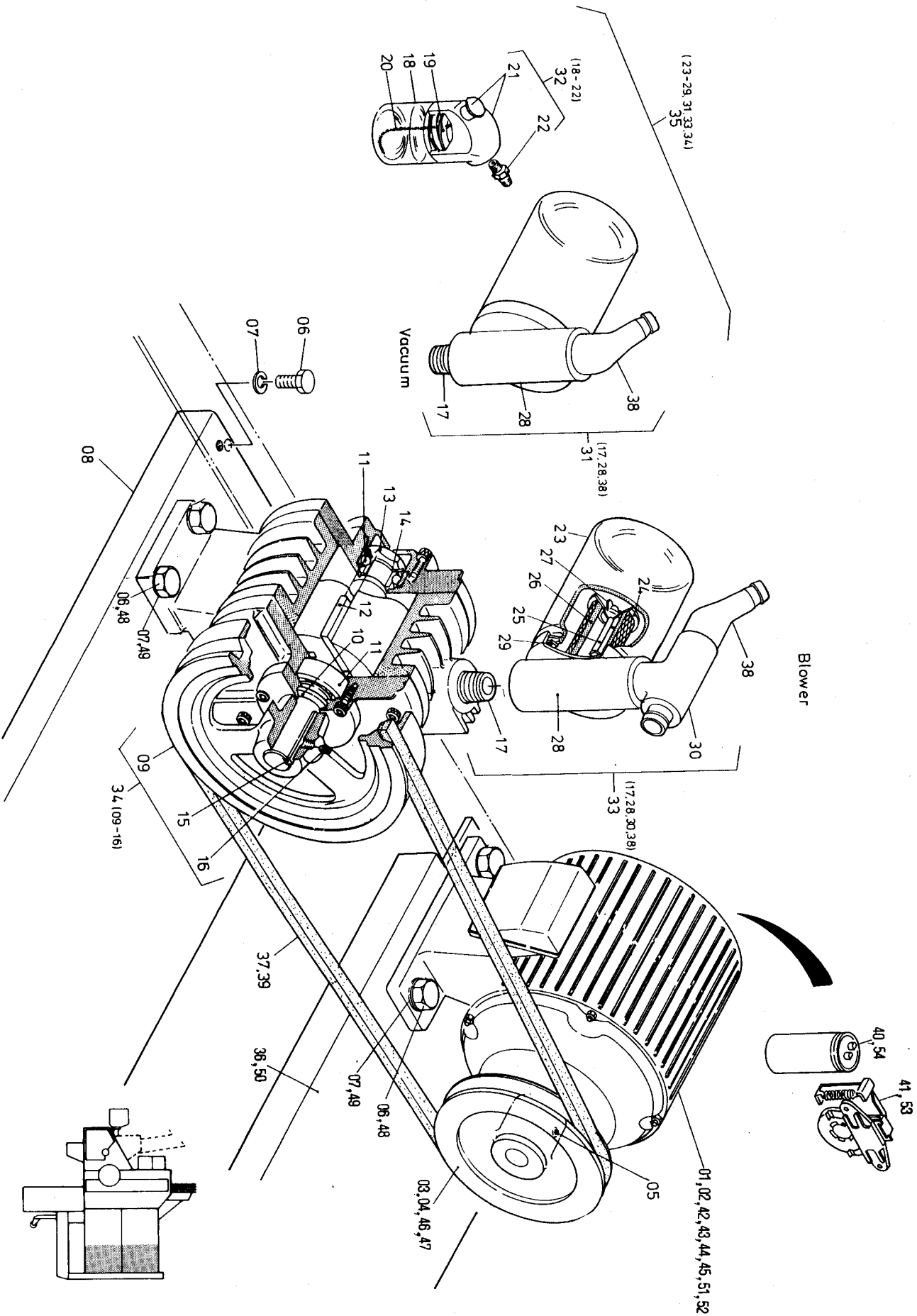


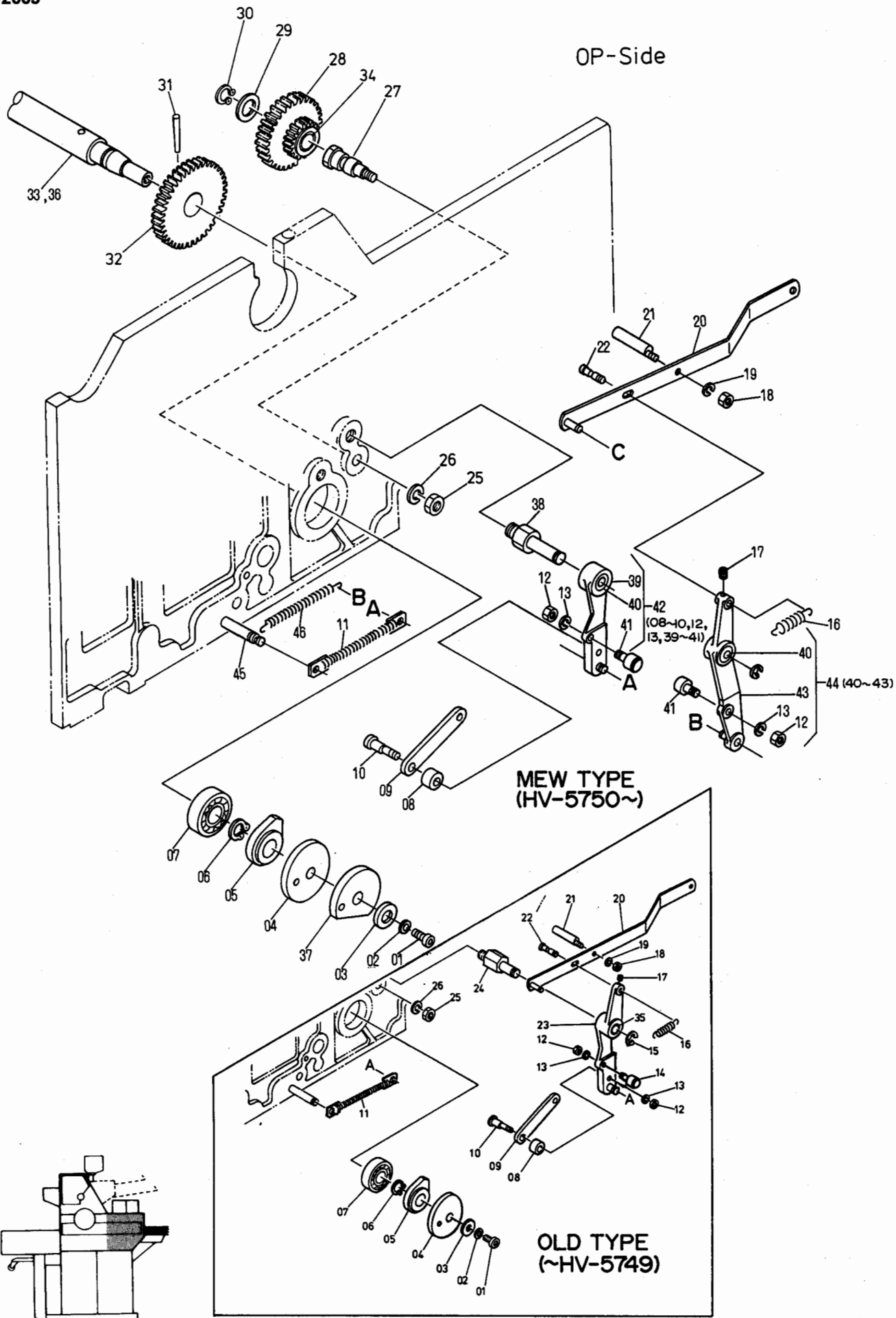


OP- Side

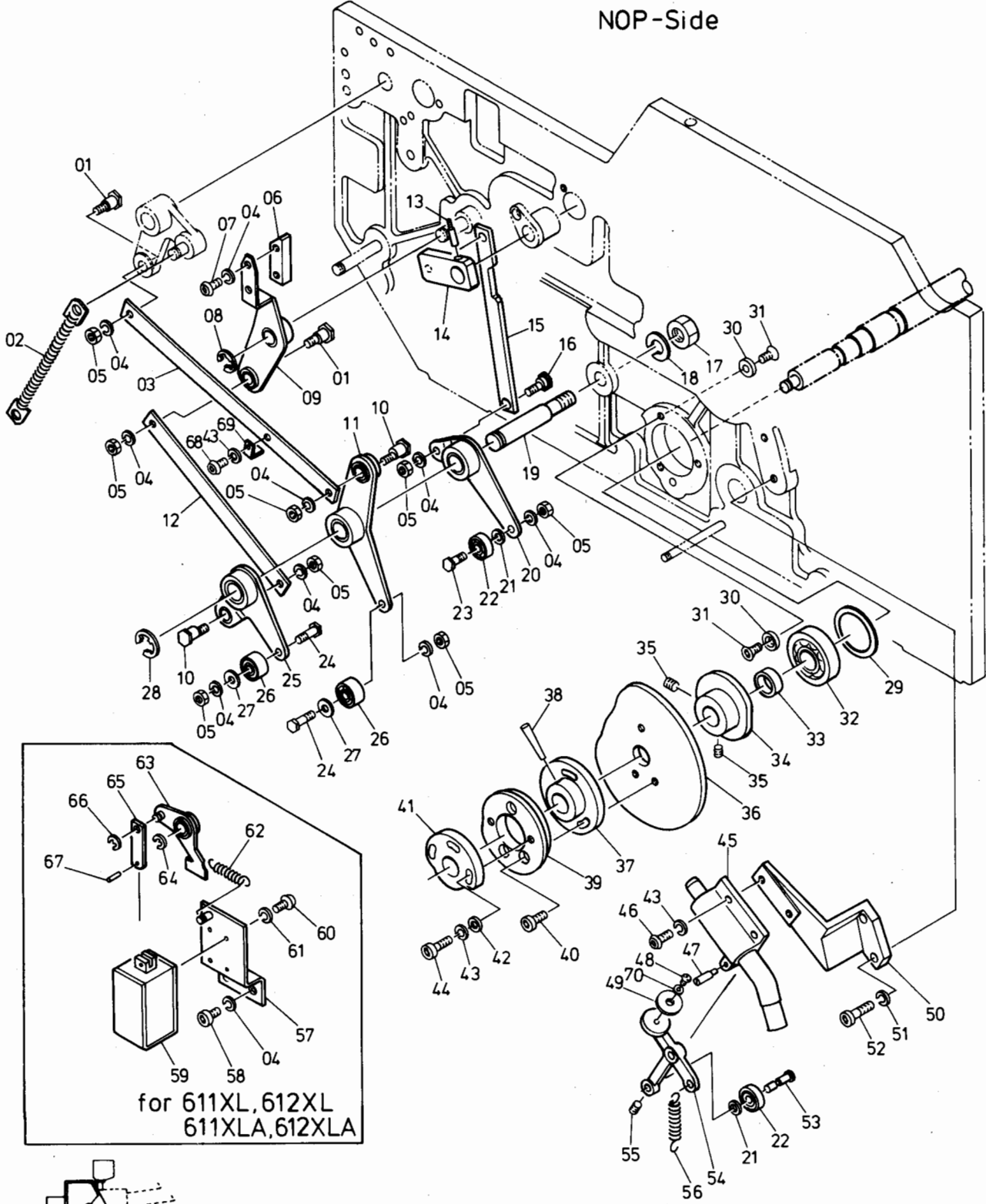


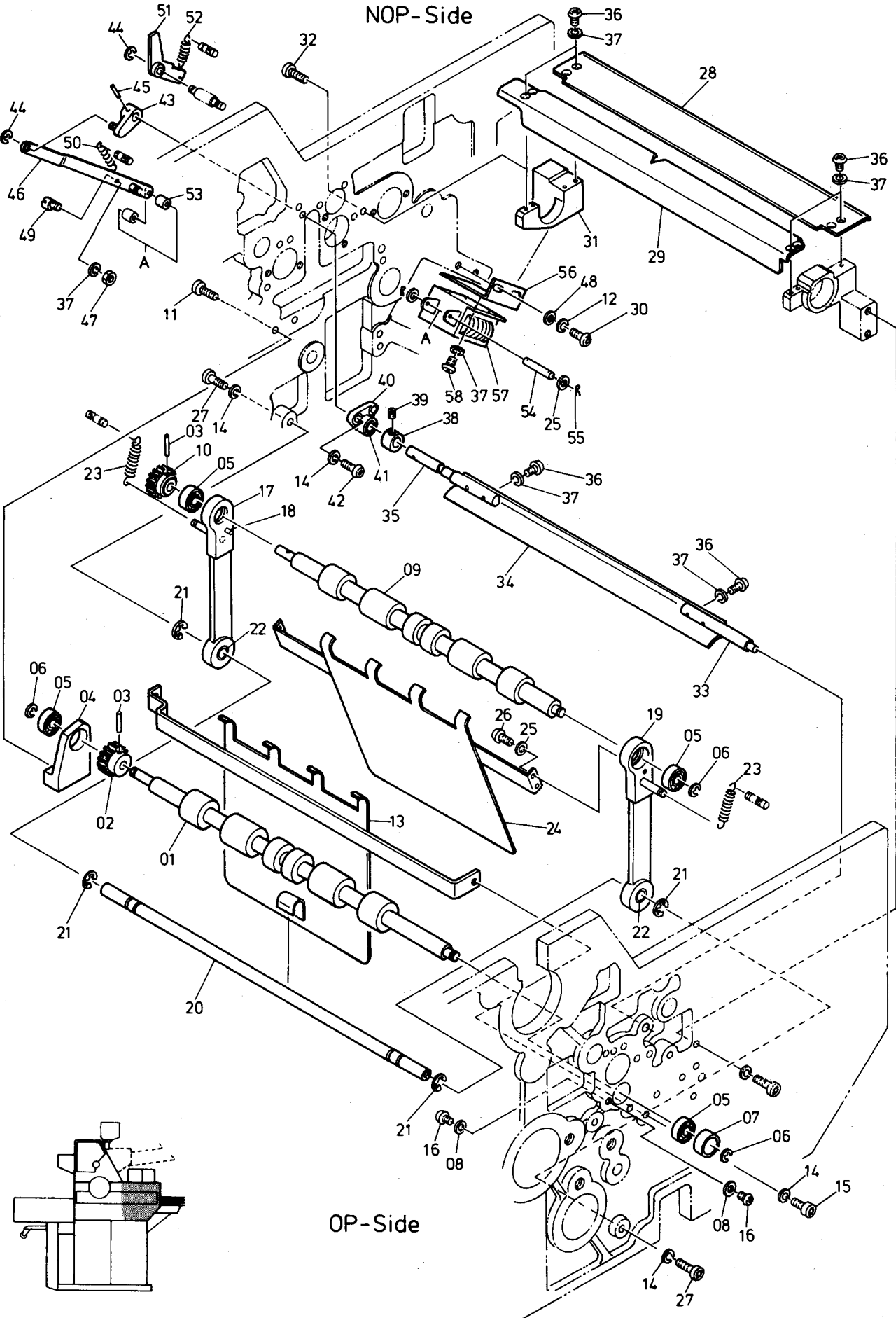


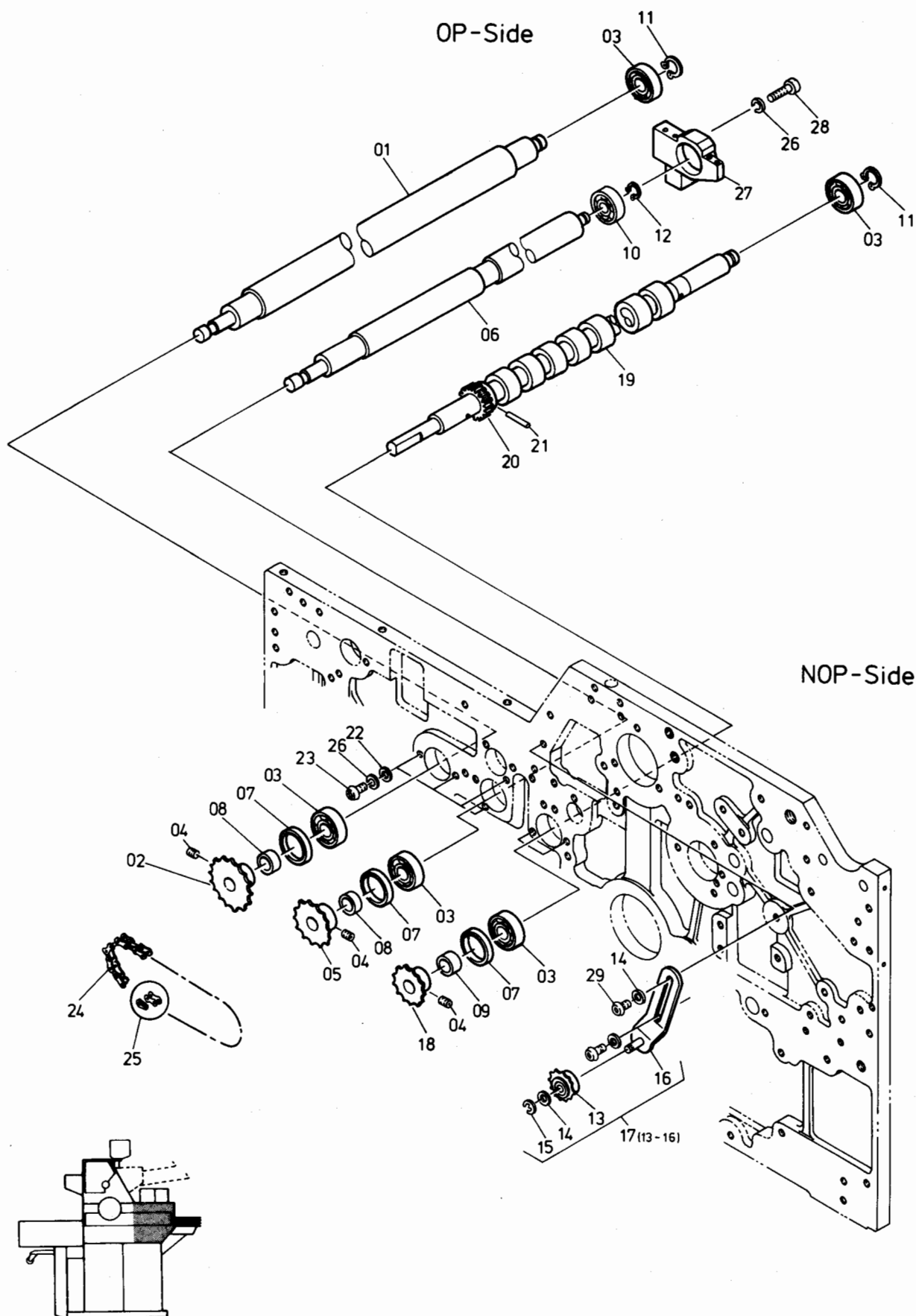


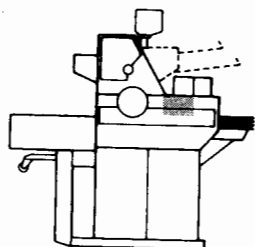
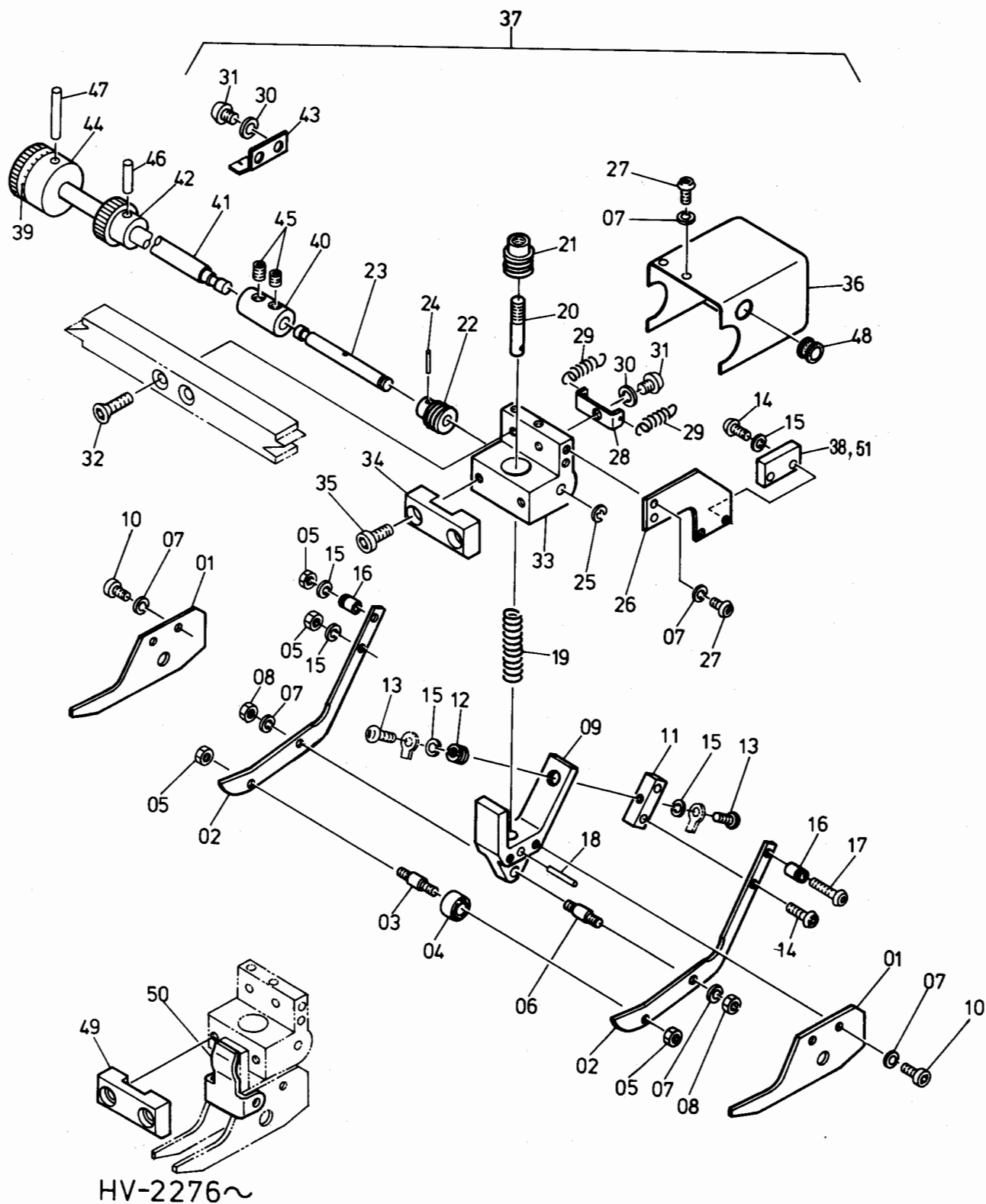


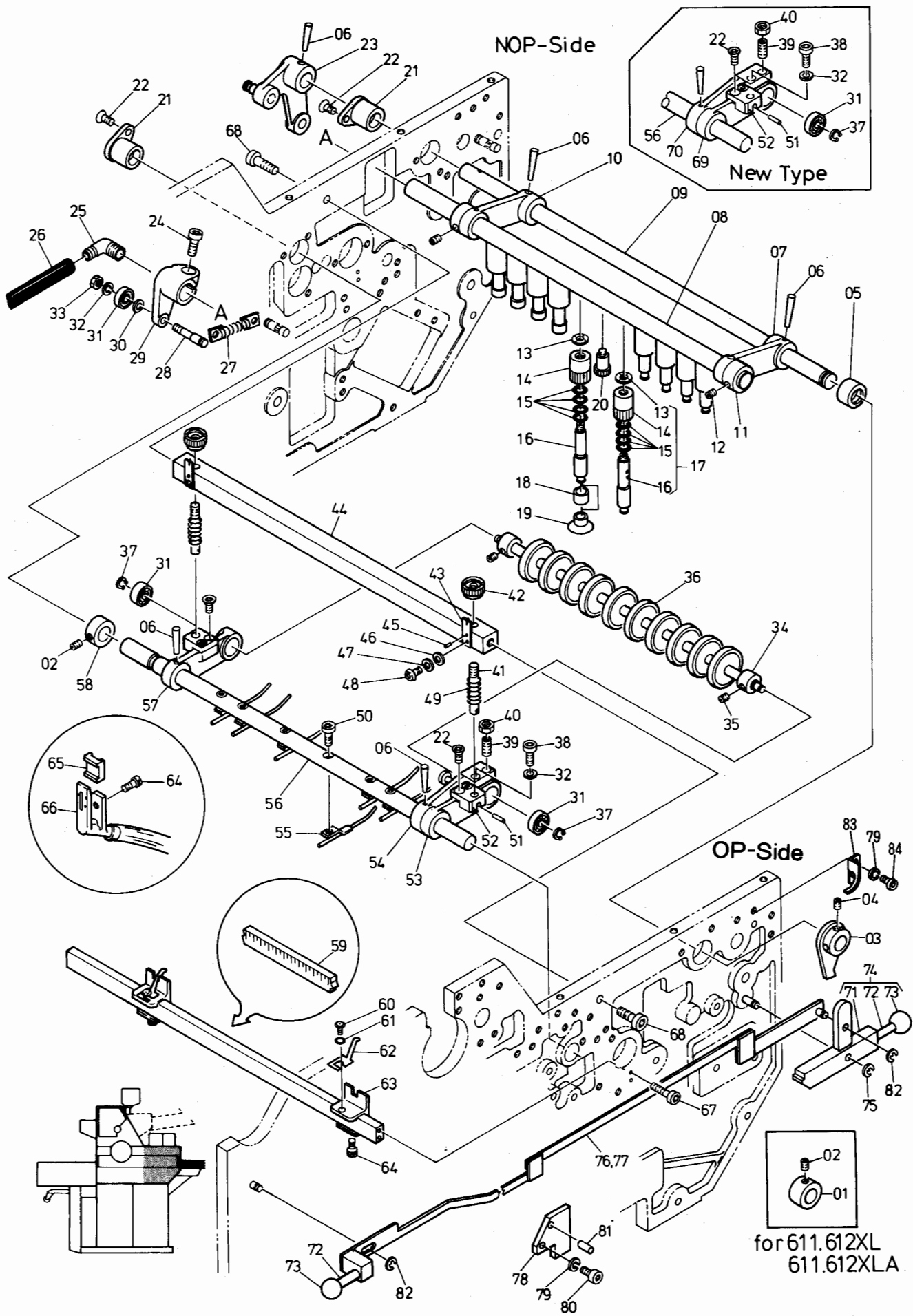
NOP-Side

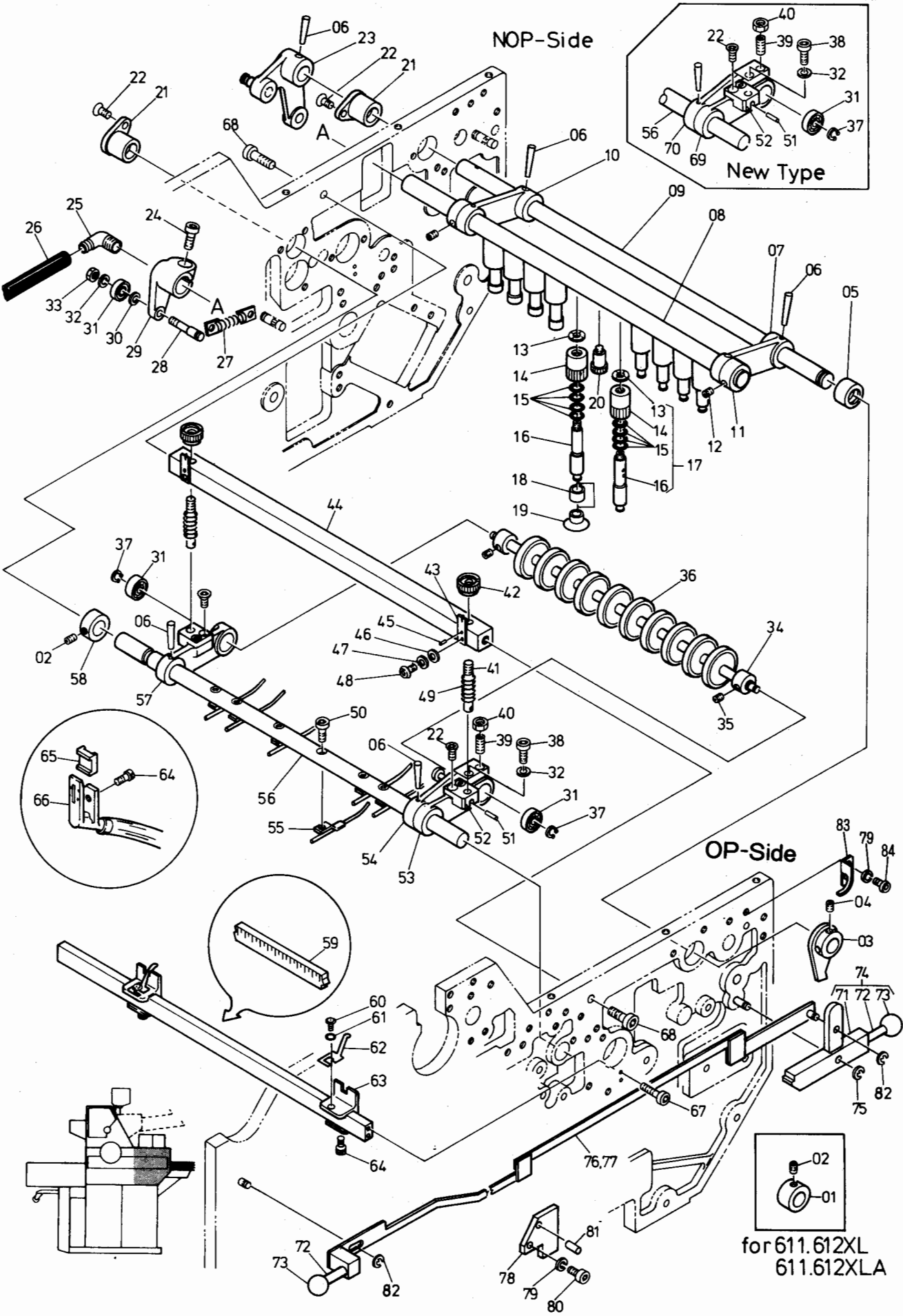


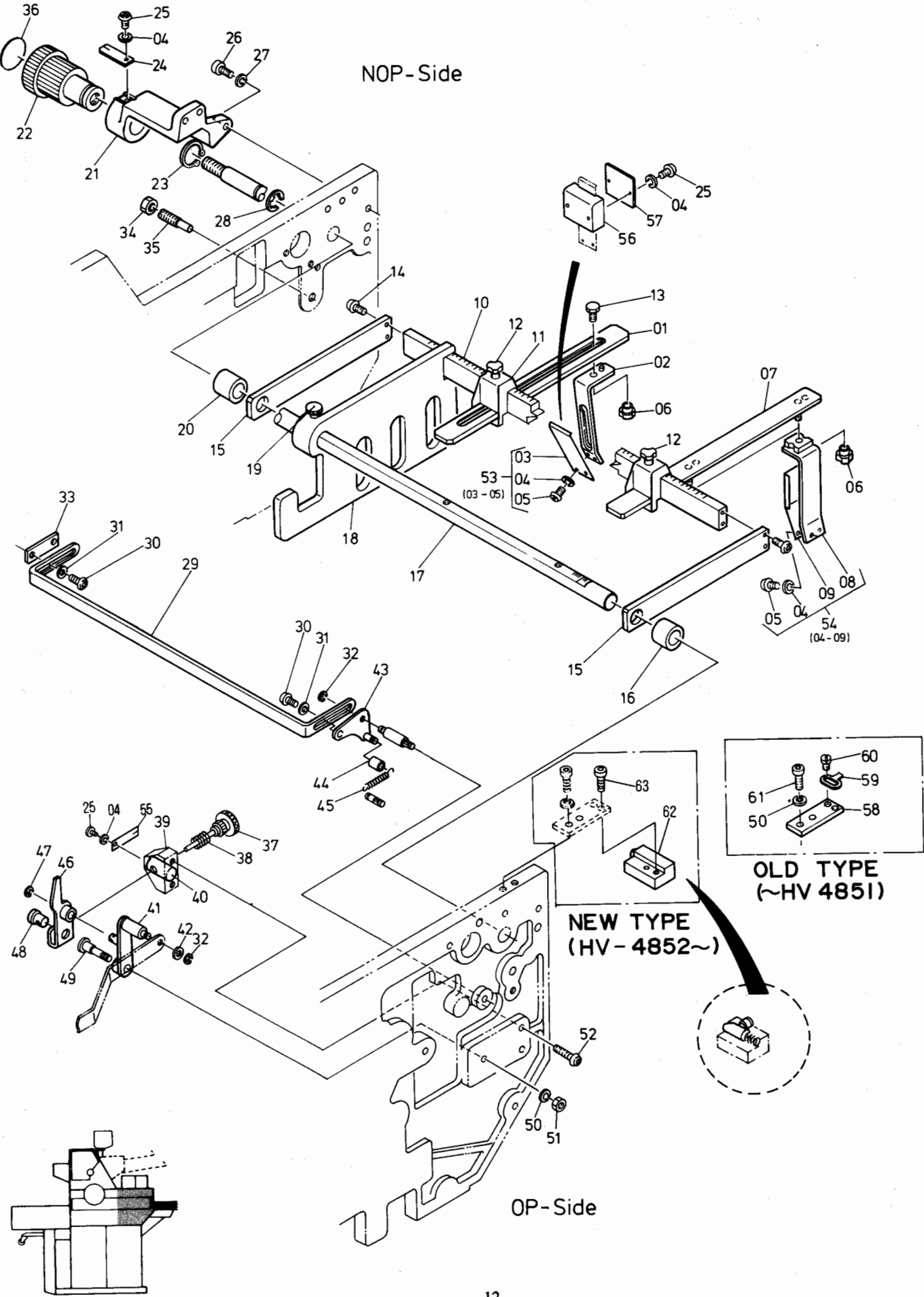


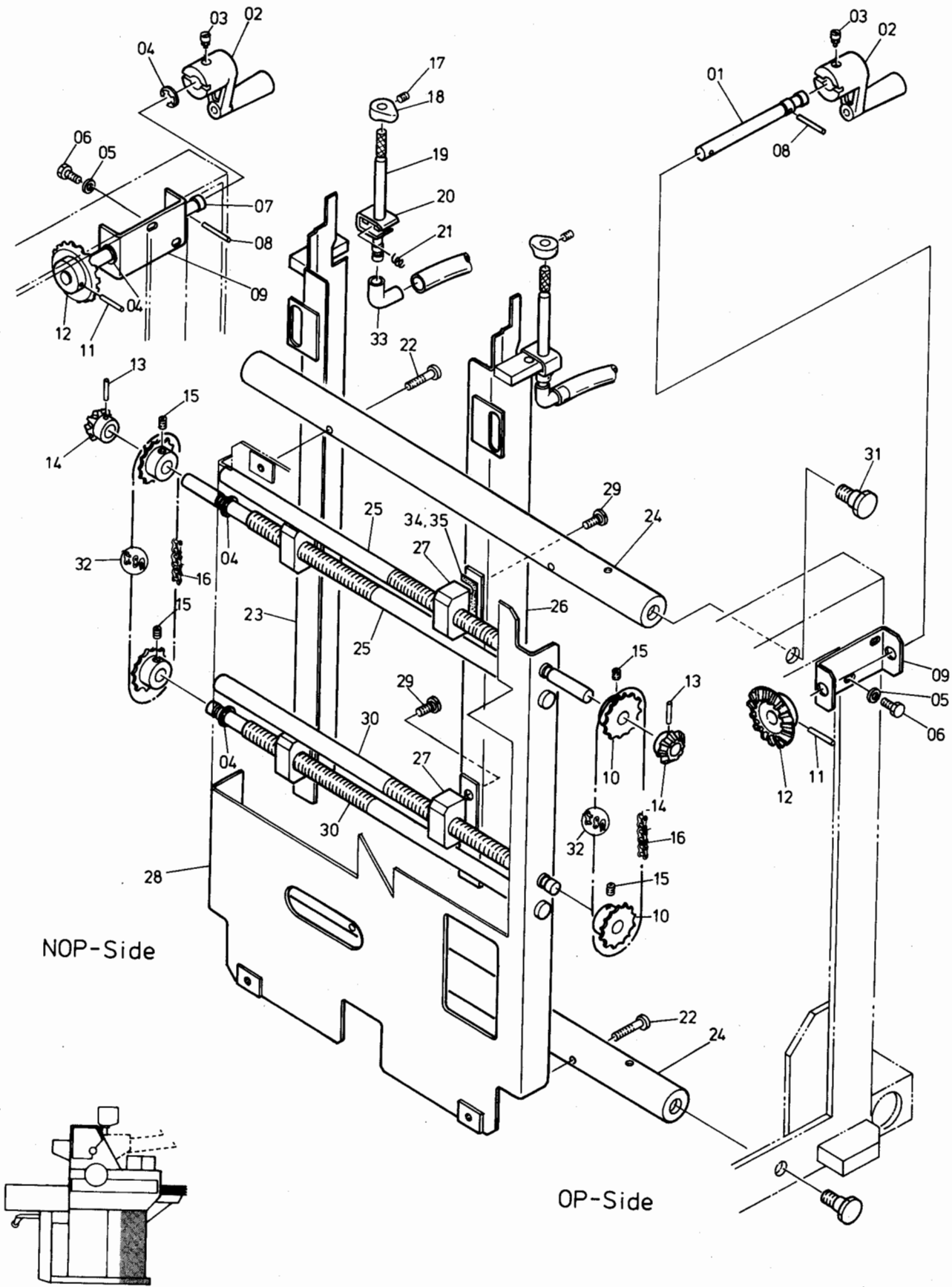


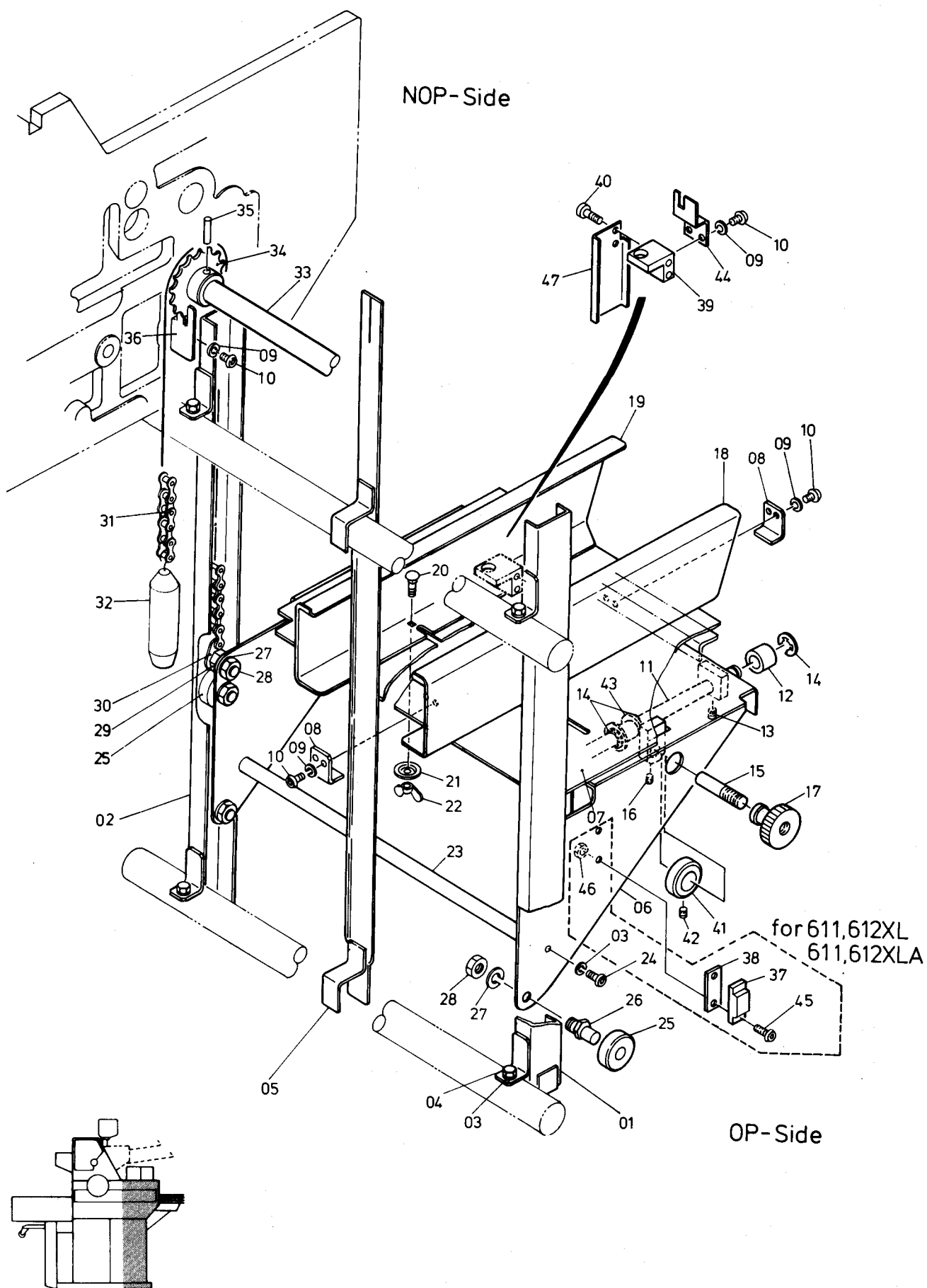












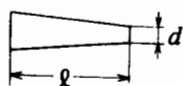
軸受用座金



Washer

	D
180 - 704	20 ϕ
180 - 705	25 ϕ

テーパピン



Set Screw

	$d \times l$
182 - 146	3 $\phi \times 22$
182 - 161	4 $\phi \times 12$
182 - 167	4 $\phi \times 25$
182 - 168	4 $\phi \times 28$
182 - 169	4 $\phi \times 32$
182 - 171	4 $\phi \times 40$
182 - 189	5 $\phi \times 32$
182 - 190	5 $\phi \times 36$
182 - 191	5 $\phi \times 40$
182 - 193	5 $\phi \times 50$

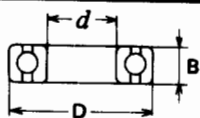
特殊平座金



Flat Washer

	d
184 - 154	5.3 ϕ
184 - 158	8.4 ϕ

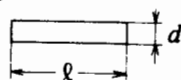
ベアリング



Bearing

	$d \times D \times B$
250 - 000.6	10 $\phi \times 26 \phi \times 8$
250 - 005.6	25 $\phi \times 47 \phi \times 12$
250 - 085.6	5 $\phi \times 11 \phi \times 3$
250 - 104.6	4 $\phi \times 12 \phi \times 4$
250 - 108.6	8 $\phi \times 22 \phi \times 7$
250 - 126.6	5 $\phi \times 19 \phi \times 6$
250 - 200.6	9 $\phi \times 26 \phi \times 8$
250 - 201.6	12 $\phi \times 32 \phi \times 10$
250 - 202.6	15 $\phi \times 35 \phi \times 11$
250 - 202.7	15 $\phi \times 35 \phi \times 11$

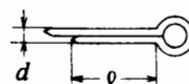
スプリングピン



Roll Pin

	$d \times l$
183 - 138	1.6 $\phi \times 6$
183 - 140	1.6 $\phi \times 10$
183 - 140.01	1.6 $\phi \times 10$
183 - 141	1.6 $\phi \times 12$
183 - 142.5	1.6 $\phi \times 15$
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 - 151.01	2 $\phi \times 12$
183 - 153.01	2 $\phi \times 16$
183 - 154	2 $\phi \times 18$
183 - 167	2.5 $\phi \times 14$
183 - 168	2.5 $\phi \times 16$
183 - 178	3 $\phi \times 6$
183 - 179	3 $\phi \times 8$
183 - 180	3 $\phi \times 10$
183 - 180.01	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 - 200	4 $\phi \times 10$
183 - 201	4 $\phi \times 12$
183 - 203	4 $\phi \times 16$
183 - 205	4 $\phi \times 20$
183 - 206	4 $\phi \times 22$
183 - 206.01	4 $\phi \times 22$
183 - 207	4 $\phi \times 25$
183 - 208	4 $\phi \times 28$
183 - 209	4 $\phi \times 32$
183 - 211	4 $\phi \times 40$
183 - 213	4 $\phi \times 50$
183 - 223	5 $\phi \times 16$
183 - 225	5 $\phi \times 20$
183 - 227	5 $\phi \times 25$
183 - 229	5 $\phi \times 32$
183 - 232	5 $\phi \times 45$
183 - 243	6 $\phi \times 16$
183 - 245	6 $\phi \times 20$
183 - 247	6 $\phi \times 25$
183 - 249	6 $\phi \times 32$

割ピン



Cotter Pin

	$d \times l$
183 - 725	0.9 $\phi \times 15$
183 - 743	1.6 $\phi \times 10$
183 - 744	1.6 $\phi \times 12$
183 - 767	2 $\phi \times 20$

ワッシャ



Flat Washer

	d
184 - 103	3.2
184 - 104	4.3
184 - 105	5.3
184 - 106	6.4
184 - 106.01	6.4
184 - 106.02	6.4
184 - 108	8.4
184 - 108.01	8.4
184 - 110	10.5
184 - 112	13
184 - 114	15
184 - 116	16

ブッシュ



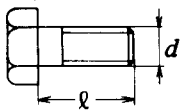
Bushing

	$d \times D \times l$
243 - 606	8 $\phi \times 10 \phi \times 8$
243 - 609	8 $\phi \times 10 \phi \times 10$
243 - 612	10 $\phi \times 12 \phi \times 10$
243 - 614	10 $\phi \times 12 \phi \times 15$
243 - 617	12 $\phi \times 14 \phi \times 10$
243 - 619	12 $\phi \times 14 \phi \times 15$
243 - 620	12 $\phi \times 14 \phi \times 20$
243 - 624	14 $\phi \times 16 \phi \times 10$
243 - 625	14 $\phi \times 16 \phi \times 20$
243 - 631	16 $\phi \times 18 \phi \times 10$
243 - 633	16 $\phi \times 18 \phi \times 15$
243 - 634	16 $\phi \times 18 \phi \times 20$
243 - 635	16 $\phi \times 18 \phi \times 25$
243 - 641	6 $\phi \times 8 \phi \times 20$
243 - 645	20 $\phi \times 23 \phi \times 25$

規格部品リスト

STANDARD STOCK PARTS. NO.

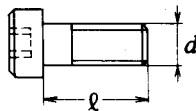
六角ボルト



Screw

	$d \times l$
101 - 358	M6 x 8
101 - 360	M6 x 10
101 - 362	M6 x 12
101 - 366	M6 x 16
101 - 370	M6 x 20
101 - 375	M6 x 25
101 - 381	M6 x 35
101 - 383	M6 x 45
101 - 384	M6 x 50
101 - 384.5	M6 x 50
101 - 420	M4 x 20
101 - 466	M8 x 16
101 - 470	M8 x 20
101 - 482	M8 x 40
101 - 483	M8 x 45
101 - 488	M8 x 70
101 - 508	M5 x 8
101 - 510	M5 x 10
101 - 512	M5 x 12
101 - 516	M5 x 16
101 - 525	M5 x 25
101 - 530	M5 x 30
101 - 570	M10 x 30
101 - 620	M12 x 30

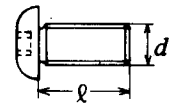
キャップ
ボルト



Screw

	$d \times l$
117 - 358	M6 x 8
117 - 360	M6 x 10
117 - 362	M6 x 12
117 - 365	M6 x 15
117 - 366	M6 x 16
117 - 368	M6 x 18
117 - 370	M6 x 20
117 - 370.01	M6 x 20
117 - 375	M6 x 25
117 - 380	M6 x 30
117 - 381	M6 x 35
117 - 406	M4 x 6
117 - 408	M4 x 8
117 - 408.01	M4 x 8
117 - 410	M4 x 10
117 - 412	M4 x 12
117 - 412.01	M4 x 12
117 - 415	M4 x 15
117 - 425	M4 x 25
117 - 468	M8 x 18
117 - 470	M8 x 20
117 - 472	M8 x 22
117 - 475	M8 x 25
117 - 481	M8 x 35
117 - 482	M8 x 40
117 - 508	M5 x 8
117 - 508.01	M5 x 8
117 - 510	M5 x 10
117 - 510.01	M5 x 10
117 - 512	M5 x 12
117 - 512.01	M5 x 12
117 - 515	M5 x 15
117 - 515.01	M5 x 15
117 - 516	M5 x 16
117 - 520	M5 x 20
117 - 520.01	M5 x 20
117 - 522	M5 x 22
117 - 525	M5 x 25
117 - 531	M5 x 35
117 - 534	M5 x 50
117 - 555	M10 x 15
117 - 560	M10 x 20
117 - 573	M10 x 45

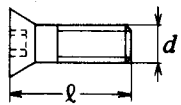
六角穴付
なべ小ネジ



Screw

	$d \times l$
125 - 606	M3 x 6
125 - 608	M3 x 8
125 - 610	M3 x 10
125 - 615	M3 x 15
125 - 618	M3 x 18
125 - 620	M3 x 20
125 - 625	M3 x 25
125 - 630	M3 x 30
125 - 655	M4 x 5
125 - 656	M4 x 6
125 - 658	M4 x 8
125 - 660	M4 x 10
125 - 662	M4 x 12
125 - 665	M4 x 15
125 - 668	M4 x 18
125 - 672	M4 x 22
125 - 675	M4 x 25
125 - 680	M4 x 30
125 - 705	M5 x 5
125 - 706	M5 x 6
125 - 708	M5 x 8
125 - 710	M5 x 10
125 - 712	M5 x 12
125 - 715	M5 x 15
125 - 718	M5 x 18
125 - 720	M5 x 20
125 - 722	M5 x 22
125 - 725	M5 x 25
125 - 758	M6 x 8
125 - 760	M6 x 10
125 - 762	M6 x 12
125 - 765	M6 x 15
125 - 768	M6 x 18
125 - 772	M6 x 22
125 - 775	M6 x 25

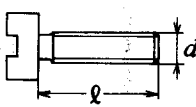
六角穴付
さらボルト



Screw

	$d \times l$
122 - 006	M3 x 6
122 - 055	M4 x 5
122 - 056	M4 x 6
122 - 058	M4 x 8
122 - 060	M4 x 10
122 - 108	M5 x 8
122 - 110	M5 x 10
122 - 112	M5 x 12
122 - 115	M5 x 15
122 - 120	M5 x 20
122 - 125	M5 x 25
122 - 130	M5 x 30
122 - 162	M6 x 12
122 - 165	M6 x 15
122 - 172	M6 x 22
122 - 180	M6 x 30
122 - 765	M8 x 15

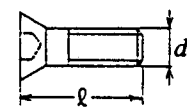
平小ネジ



Screw

	$d \times l$
111 - 314	M3 x 14

十字穴付
さら小ネジ



Screw

	$d \times l$
122 - 306.01	M3 x 6
122 - 410.01	M4 x 10
122 - 510	M5 x 10
122 - 512.01	M5 x 12

3. ハマダシリーズに使用されております附属部品（ボルト、ナット、ワッシャー等）は個々部品の寸法の違いにより数多い点数となります。

従ってこれらの部品は、ハマダシリーズ専用部品とは区別し、弊社の全製品（高速度凸版輪転機、オフセット輪転機等）に使用されている附属品と規格を整理統一、特別な番号を付けてあります。

番号の数字によってその部品の規格が判明するようになっており、かつまた、生産の合理化を目標としたものです。

例 101 - 366

101 — 366
↓ ↓
六角ボルトの標示 6mm径×16mm長
従って101-366の部品は六角ボルトで、径が6mm
長さが16mmであることが判明する訳です。

これらの附属部品の番号、仕様の一覧表は4Pを参照してご利用下さい。

4. このパーツカタログは“611・612シリーズ”を給紙側より排紙側までの機構を6グループに区別構成されております。

この6グループの内には、611・612シリーズ専用部品と他にハマダシリーズと互換の利く部品（H、M、I、R、B、A、X、KC、PC、MC、HC）から構成してあります。

CK グループ……………給紙部・カバー部

CP グループ……………インキ部・給湿部

CMグループ……………印刷部

CH グループ……………排紙部

E グループ……………電気部

4808グループ……………給排版部(611XLA,612XLA専用)

5. このパーツカタログは、精密な立体組立図により構成されておりますから、御社での簡単な修理作業及び“**611・612**シリーズ”のメカニズムを理解する上に於て本書は十分にお役にたつことと存じます。

6. このパーツカタログは、予告なく変更する場合があります。