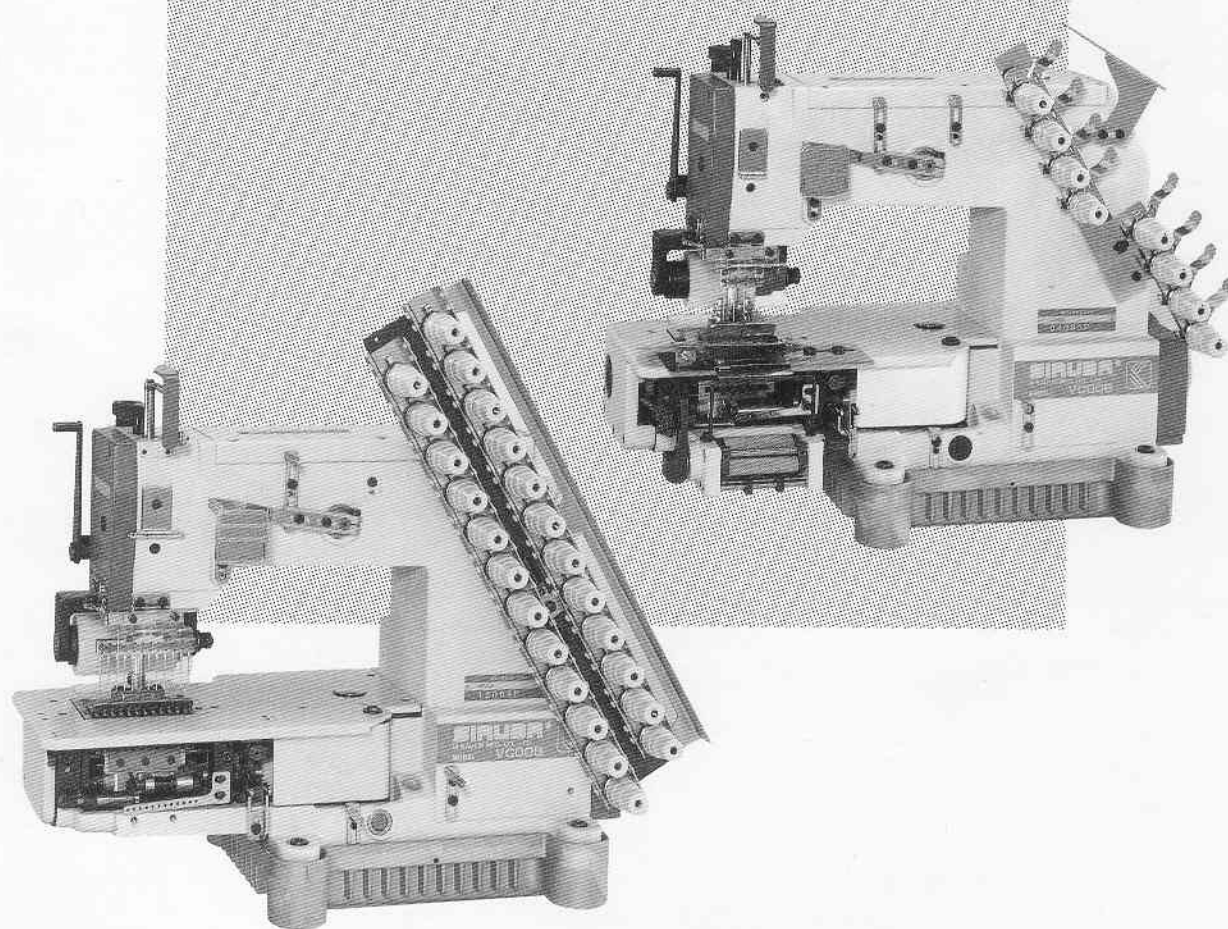


SIRUBA®

VC008



使用說明書&零件圖 INSTRUCTION & PARTS BOOK

 - ORIGINAL



高林股份有限公司
KAULIN MFG. CO., LTD.

使用說明

OPERATION GUIDE

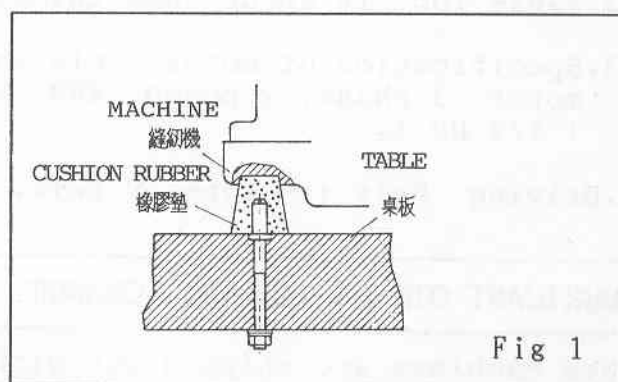
.機器如何安裝	.HOW TO SET UP A MACHINE	1
.潤滑油之注入與更換	.LUBRICANT OIL FILLING AND CHANGE	2
.針之更換	.HOW TO REPLACE NEEDLES	3
.穿線方法	.THREADING	4
.控線調整	.THREAD TENSION ADJUSTMENT	4
.針高度調整	.NEEDLE POSITION ADJUSTMENT	5
.護針片調整	.NEEDLE GUIDE ADJUSTMENT	6
.針與勾針之調整	.ADJUSTMENT BETWEEN NEEDLES AND LOOPER	6
.勾針之調整	.LOOPER ADJUSTMENT	6
.勾針與撥線桿之關係	.INTERRELATION OF LOOPERS AND THREAD WEAVERS	7
.勾針線控線桿之調整	.ADJUSTMETN FO LOOPER THREAD TAKE-UP	7
.針棒上下運動與勾針之 時位關係	.TIMING OF NEEDLES AND LOOPERS MOVEMENT	8
.撥線桿之固定	.SETTING OF THREAD WEAVERS	8
.送料具調整	.FEED DOG ADJUSTMENT	9
.送料具平行調整	.FEED DOG'S PARALLEEL ADJUSTMENT	10
.縫距之調整	.STITCH LENGTH ADJUSTMENT	10
.後控引輪調整	.REAR PULLER ADJUSTMENT	10
.後拉滾輪供給量之調整	.FEEDING ADJUSTMENT OF REAR PULLER	11
.上下滾輪間隙調整	.GAP ADJUSTMENT OF TOP AND LOWER ROLLERS	11
.附件一：四針穿線圖	.ATTACHED 1 : THREADING DIAGRAM OF FOUR NEEDLES	14
.附件二：十二針穿線圖	.ATTACHED 2 : THREADING DIAGRAM OF TWELVE NEEDLES	15
.零件圖	.PARTS LIST	16
.規格表	.CONVERSION CHART	31
.桌板圖	.DIAGRAM OF TABLE CUT-OUT	32

[ESCANIADO]

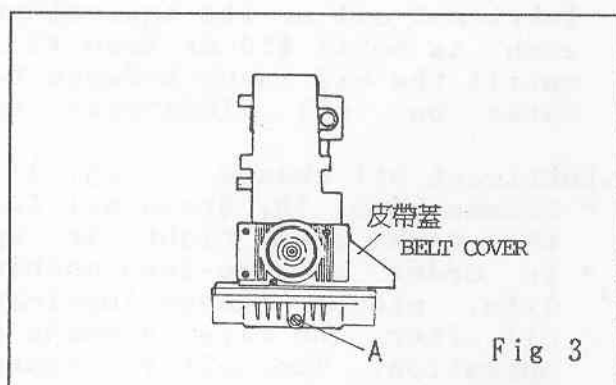
使用說明

機器如何安裝

1. 依本機器所附桌板裁製圖及零件組合圖所列之配件，依序安裝防震機座，及線架（圖 1 & 2）。



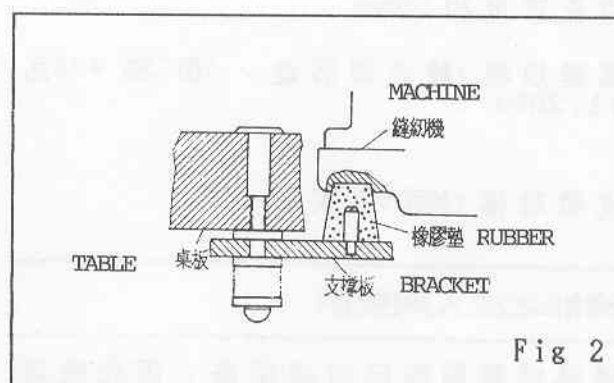
2. 馬達之轉向為順時針方向，皮帶之鬆緊度以用手指能向內壓 20mm 為宜，同時為安全起見請皮帶蓋必須鎖上。（圖 3 & 4）。



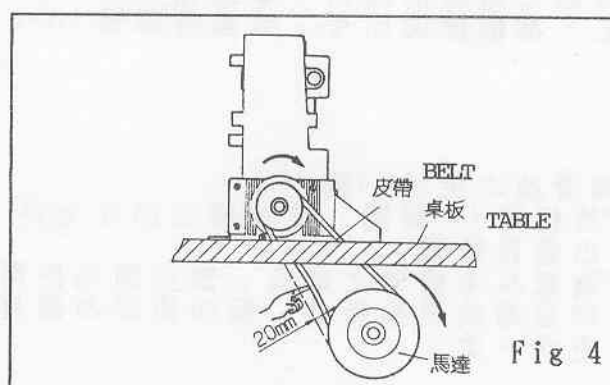
OPERATION GUIDE

HOW TO SET UP A MACHINE

1. With reference to diagrams for table cutting and mounting parts list, install vibration-reducing base and thread stand in sequence (Fig. 1 & 2)



2. Motor should run clockwise. proper tension for driving belt can be checked by pushing belt inward for 20mm. please install belt cover properly and firmly for safety purpose. (Fig. 3 & 4)



3. 皮帶輪及縫合轉速，請參照（表 2）。

3. Motor pulley size and sewing speed, please refer to Table No.2

注意：

1. 使用新機器最初一個月運轉速度約為最高速（表 2）之 80%，並請選擇正確的馬達皮帶輪尺寸（表 1）。

Remarks:

1. New machines run a speed at approximately 80% of the Maximum speed in the first month (Tab. 1). Be sure to choose proper motor pulley for your machine.

Table 1 (表 1)

Machine Speed (S.P.M.) 轉速/分	Motor Pulley Outer Diameter (mm)	
	60HZ	50HZ
4,500	90	105
4,000	80	95
3,500	70	85

2. 桌板厚度約 50mm .

3. 馬達規格 : 離合器馬達 , 3相 2極 400瓦 (1/2HP) .

4. 皮帶規格 : M型 V字皮帶 .

2. Table Top is about 50mm thick.

3. Specification of motor: Clutch motor 3 Phase, 2 poles, 400 W (1/2 HP).

4. Driving Belt : M type, V belt.

潤滑油之注入與更換

新機器運裝前均已將油倒盡 , 因此機器使用前必須加入潤滑油 .

LUBRICANT OIL FILLING AND CHANGE

New machines are shipped out with empty chambers. Please fill lubricant oil into new machines before run them.

1. 潤滑油之注入 (圖 5 & 6) :

將 (A) 旋開 , 以包裝箱內所附之超高速潤滑油或選用 MOBIL#10 或 ESSO#32 等級之潤滑油加入 , 直至油窗 (C) 內之 = 油標線間即可 , 然後再鎖緊 (A) .

1. Filling lubricant oil : (Fig. 5 & 6)

* Loosen Knob (A) fill in with accompanied super-high-speed lubricant oil or its equivalent such as Mobil #10 or Esso #32, untill the oil is up between two marks on oil Indicator (c)

2. 潤滑油之更換 : (圖 3)

* 將螺絲 (A) 鬆開 , 使油槽之油完全排出後再鎖緊 .

* 為延長本機器之壽命 , 請於開始使用四星期後更換新油 , 爾後約每四個月更換一次 .

2. Lubricant oil change : (Fig. 3)

* Loosen knob, (A) drain oil from the tank, then tight it up.

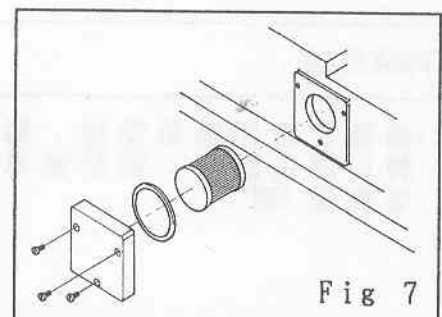
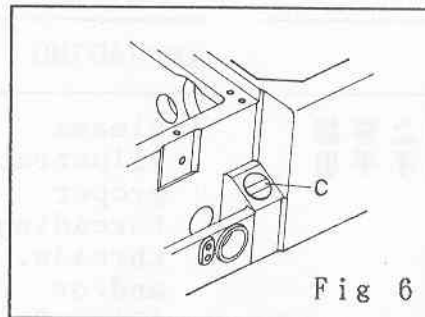
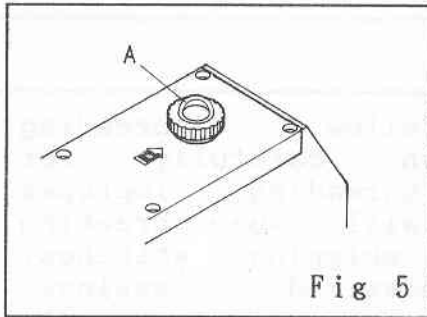
* In order to pro-long machine life, please change lubricant oil after the first 4 weeks of operation. Thereafter, change oil every 4 months.

3. 濾油器之更換 (圖 7) :

本機器特別裝有濾油器 , 約每使用一個後應卸下清洗 , 必要時得更換新品

3. Replacing oil filters : (Fig. 7)

* our machines are equipped with oil filters. Take out the filters and clean them up every month. Replace with new filters if necessary.



針之更換

* 選用針之規格與尺寸請參照 (表 2)

HOW TO REPLACE NEEDLES

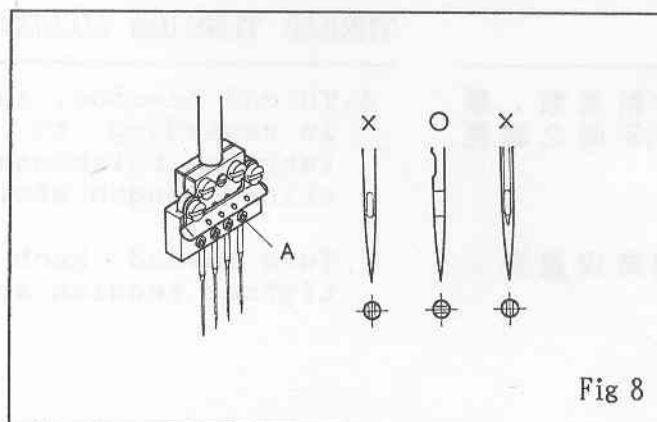
* For specifications and sizes of needles, please refer to Table 2.

Table 2 (表 2)

NEEDLE SYSTEM 針 規 格	NEEDLE SIZE 針 番 號
SCHMETZ UY113GS	#70 - #160
ORGAN Uo113	#11 - # 18

1. 旋開螺絲 (A) 並取下針。(圖 8)
2. 將新針插至含針孔最底端, 並使針之凹弧面向自己。
3. 車針與勾針有密切之關係, 如果車針穿裝不正確, 不但會引起跳針, 斷線還會損壞勾針, 勿必注意。
4. 重新鎖緊螺絲 (A)。

1. Loosen screw (A) and take out the used needle. (Fig. 8)
2. Put new needle into the holder holes as far as they can go and let the long groove of needle face you.
3. Fasten Screw (A).
4. Needles and loopers have close interaction. improper needle setting will cause skipping stitches, breaking threads, and damaging loopers, Please Pay fine attention to needle installation.

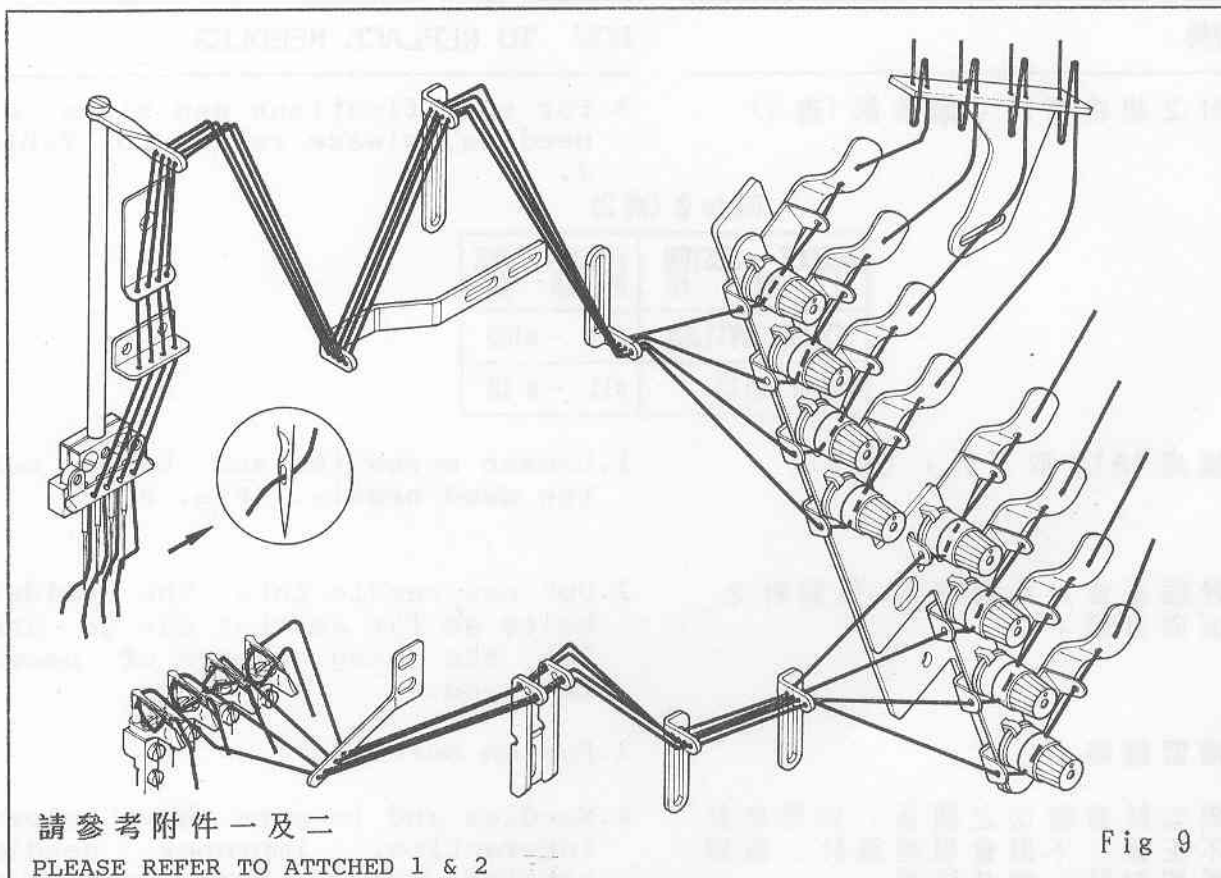


穿線方法

1. 請確實按照圖示穿線，錯誤之穿線將引起內斷線，跳針或車縫不平坦等現象 (圖 9)。

THREADING

1. Please follow threading illustration carefully for proper threading. Improper threading will cause breaking threads, skipping stitches, and/or undesired sewings. (Fig. 9)



2. 在穿勾針線時，應將勾針座引出軸 (圖 10) 沿箭頭方向拉出使勾針座向前彈出，然後進行穿線。

2. For looper threading, pull out the lever of looper set as the arrow direction then thread properly. (Fig. 10)

控線調整

1. 控線強弱必須根據車縫材料種類，厚薄及線與針距等不同而做不同之調整 (圖 9)。

將控線鈕順時針方向旋轉時線越緊，反之則越鬆。

THREAD TENSION ADJUSTMENT

1. Thread tension, should be adjusted in regarding to kinds of threads fabrics, thickness of fabrics, and stitch length etc.. (Fig. 9)

Turn thread knob clockwise for tighter tension and vice ver'sa.

2. 針控線桿之調整 (圖 11)

針線控線桿 (B) 依縫線使用種類來選擇使用之狀態，放鬆螺絲 (A) 將 (B) 上下移動調整，在使用伸展性大的縫線時將 (B) 上移，則針孔處之線環就會變大，以利勾線。

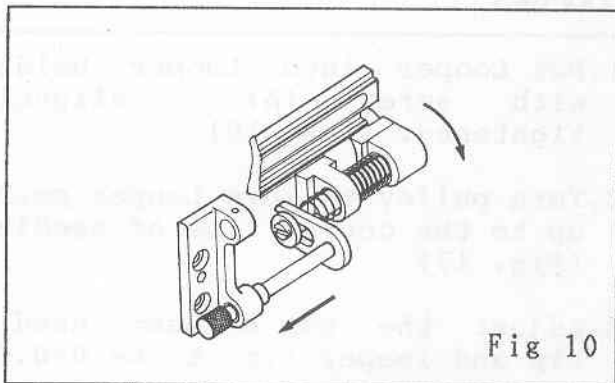


Fig 10

2. Adjustment. (Fig. 11)

The position for Needle thread Take-Up Lever (B) is adjustable according to thread used. Loosen screw (A), move lever (B) up and down for the optimum position. For instance, when using high extension thread, move lever (B) upward to make a bigger needle thread loop for lower looper to chain easily.

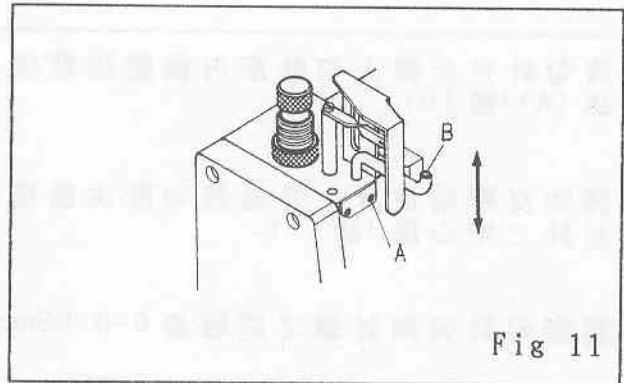


Fig 11

針高度調整

1. 當針棒升至最高處時，調整針尖與針板面之距離為 13 - 13.5mm (圖 12)。
2. 打開上方之側蓋橡膠塞 (A)，並鬆開螺絲 (B)，上下調整針棒之高度後再固定之。(圖 13)

NEEDLE POSITION ADJUSTMENT

1. Needle tip should be 13 - 13.5 mm height from Needle Plate when Needle Bar moves to its top position. (Fig. 12)
2. The position of Needle Bar can be adjusted by (1) removing rubber cap (A) and loosening nut (B), (2) moving Needle Bar up and down, to proper position and (3) tightening screw (B), and insert in Cap (A). (Fig. 13)

注意：經過調整後，必須確定每一根針是通過針板的針孔中央。(圖 14)

REMARK:

Be sure that every needle goes through the center of needle holes on Needle Plate. (Fig. 14)

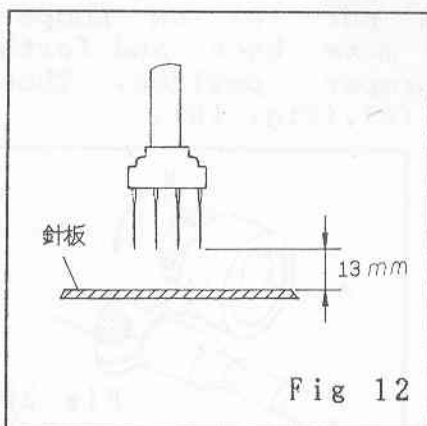


Fig 12

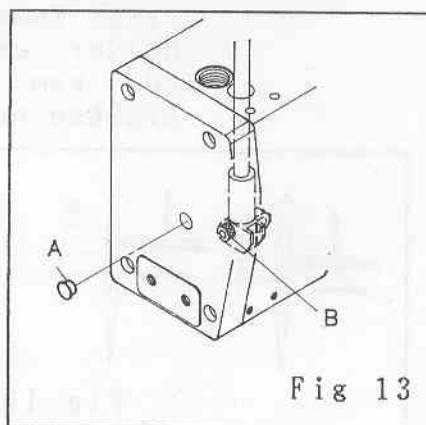


Fig 13

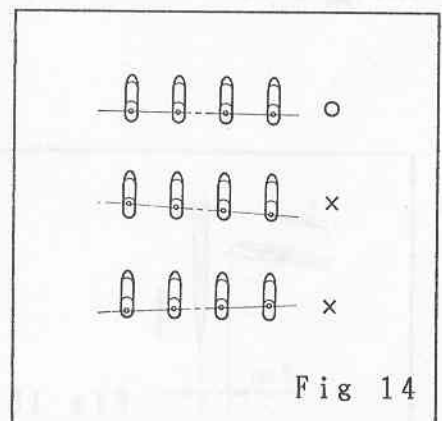


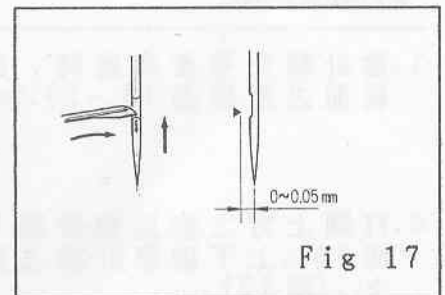
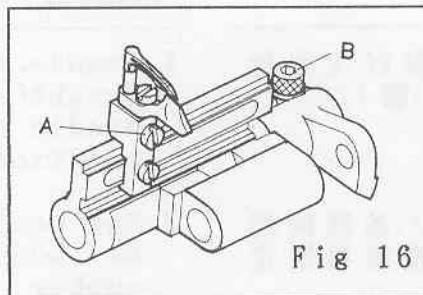
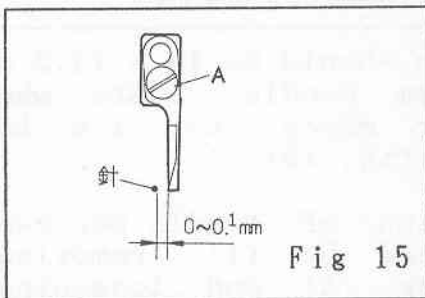
Fig 14

護針片調整

放鬆螺絲 (A)，調整護片使與針之間隙為 0-0.1mm (圖 15) 後再鎖緊螺絲 (A)。

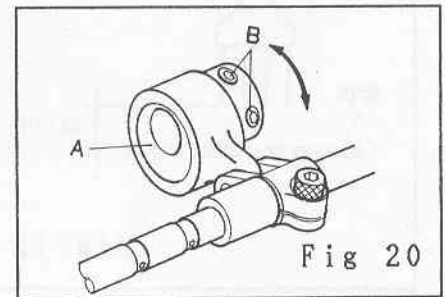
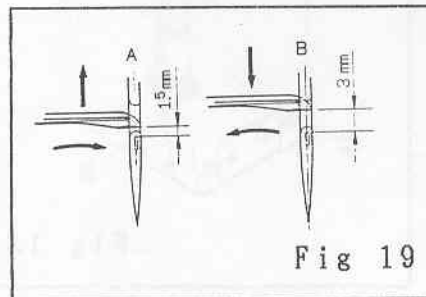
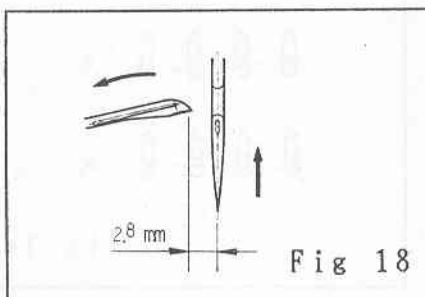
針與勾針之調整

1. 將勾針完全插入勾針座內稍微鎖緊螺絲 (A) (圖 16)。
2. 轉動皮帶輪使針上升並使勾針尖前進至針之中心線 (圖 17)。
3. 調整勾針尖與針側之間隙為 0-0.05mm
4. 再鎖緊螺絲 (A)。



勾針調整

當針位於下死點時，勾針尖端與針中心線之間隙為 2.8mm (圖 18) 調整時將勾針底座驅動桿固定螺絲 (B) 放鬆，前後調整勾針座後再鎖緊螺絲 (B) (圖 16)。



NEEDLE GUIDE ADJUSTMENT

Loosen screw (A) to allow a gap of 0-0.1mm between needles and Needle Guide (Fig. 15) then tighten screw (A).

ADJUSTMENT BETWEEN NEEDLES AND LOOPERS

1. Put Looper into Looper Holder with screw (A) slightly tightened. (Tab. 16)
2. Turn pulley to move Looper point up to the center line of needle. (Fig. 17)
3. Adjust the gap between needle tip and looper tip to be 0-0.05 mm.
4. Tighten screw (A) up.

LOOPER ADJUSTMENT

When needles are at the bottom end position, the distance between Looper tips and the center line of needles is 2.8mm. (Fig 18). To adjust the position of loopers, first loosen nut (B) on Looper Holder and move back and forth to the proper position. Then tighten nut (B). (Fig. 16).

勾針與撥線桿之關係

當撥線桿 (A) 於左死點位置時，撥線桿 (A) 右端與勾針右端二者之間隙為 0.5-1mm. (圖 22) 而勾針與撥線桿 (A) 之間隙為 0-0.1mm. (圖 23) 調整時：

1. 先放鬆再稍鎖緊撥線桿心軸固定螺絲 (C) (圖 22).
2. 旋轉皮帶輪使撥線桿心軸連桿 (D) 移至左死點。
3. 調整使符合上述條件，再鎖緊螺絲 (C)。

勾針線控線桿之調整

當針尖下降至勾針背面的中心位置時，勾針線控線桿 (A) 也正好由下死點開始要往上抬起。調整時：(圖 24)

1. 放鬆偏心凸輪 (F) 固定螺絲 (C) 前後調整至正確位置，再鎖緊螺絲 (C)，往前轉變快，往後轉變慢。
2. 微調整時，放鬆螺絲 (E)，將線導片 (B) 上下移動調整再鎖緊螺絲 (E)。線的出線量因所使用的線而異，其出線量為：

棉線，SP線：7-10mm (D) (圖 25)。
伸縮尼龍線：10-15mm (D) (圖 25)。

INTERRELATION OF LOOPERS AND THREAD WEAVERS

When Thread Weavers are at the left dead end position, the right side of Thread Weavers is away from the right side of loopers by 0.5-1mm (Fig. 22). And, the gap between Loopers and Thread Weavers is 0-0.1mm (Fig. 23). For adjustment:

1. Loosen but slightly screw (C) on the shaft of Thread Weavers (Fig. 22).
2. Turn belt pulley to move the lever of thread weavers (D) to the left dead end.
3. Adjust Loopers and Thread Weavers to meet all requirements mentioned above then tighten screw (C).

ADJUSTMENT OF LOOPER THREAD TAKE-UP

When the needles tip were moved down to the position of the center of loopers' back, the Looper Thread Take-up Lever (A) starts to move upward from its bottom dead end.

For adjustment (Fig. 24)

1. Loosen screw (C) to release eccentric cam (F) and move eccentric cam to a proper position, by turning forward for faster and backward for slower take-up motion. Then, tighten screw (C).
2. For micro-adjustment: Loosen screw (E) and move Thread Guide (B) up and/or down to the proper position then tighten screw (E). The quantity of thread feeded varies with the kinds of thread.

For reference:

cotton & SP headtr:
7-10mm (D) (Fig. 25)
Nylon thread:
10-15mm (D) (Fig. 25)

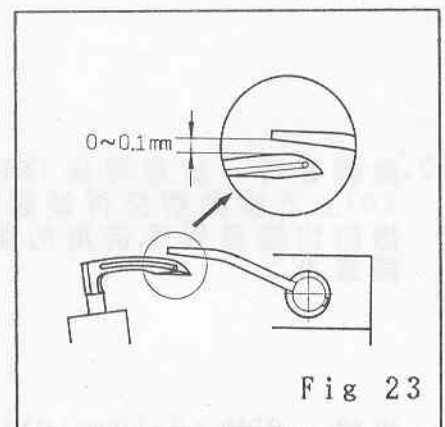
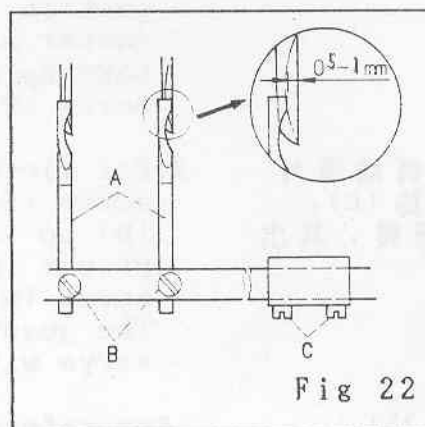
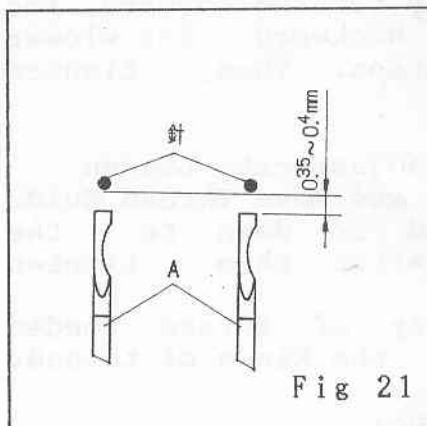
針棒上下運動與勾針之時位關係

針棒由下死點開始往上移，且勾針尖由後死點往前移至針之右邊緣如(圖 19)(A)所示之位置時，勾針尖與針孔上方之距離為 1.5mm。
針棒由上死點往下移時，勾針尖由前死點往後移至針之右邊緣如(圖 19)(B)所示之位置時，勾針與針孔上方之距離為 3mm，以上即為正確之關係位置

調整時將勾針前後帶動之偏心凸輪(A)(圖 20)之固定螺絲(B)放鬆，前後調整偏心凸輪(A)之位置，向前移則針對勾針之時間較快，向後移則較慢。

撥線桿之固定

撥線桿(A)與車針之間隙如(圖 21)所示為 0.2-0.4mm。
當針棒於下死點位置時，將固定螺絲(B)(圖 22)放鬆，並調整撥線桿(A)至(圖 21)所示之尺寸，並注意各桿之平行，再鎖緊。



TIMING OF NEEDLES AND LOOPERS MOVEMENT

While needles move up from bottom end position and loopers also move forward from rear end position until looper point reach the right side edge of needle (Fig. 19) (A), the looper point should be 1.5mm away from the top edge of needle eye.

While needles move down from top end position and loopers also move backward to front end position until same location as above shown on Fig. 19(B). Looper point should be 3.0mm away from the top edge of needle eye.

For adjustment by loosening screws (B) and move the position of Eccentric Cam (A) (Fig. 20) back and forth, the speeds of needles and loopers movement can be adjusted slower or faster coordinately.

SETTING OF THREAD WEAVERS

The gap between Thread Weavers and Needles is (Fig. 21), about 0.2 - 0.4mm. Move Needle Bar to its low bottom end position then loosen screws (B) (Fig. 22) and move Thread Weaver to position shown in (Fig 21;) then tight screw (B). Be sure all Thread Weavers are paralleled when tightening screw (B).

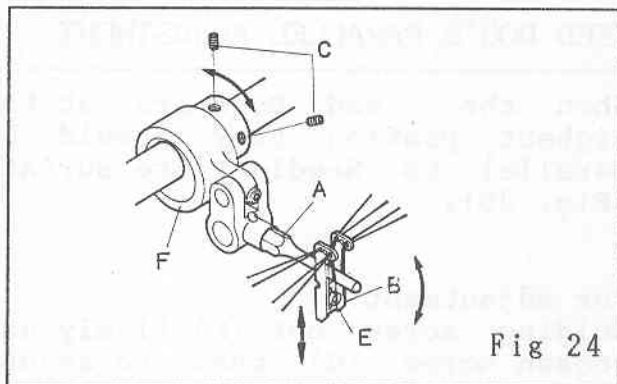


Fig 24

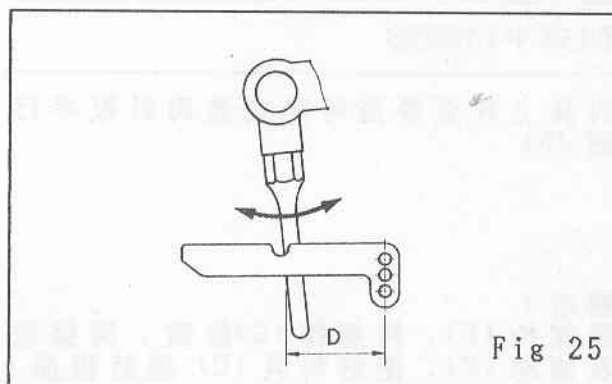


Fig 25

送料具調整

送料具 (C) 升至最高點時，送料具齒尖面與針板面之距離為 0.8-1.5mm，平均為 1.2mm。(圖 26)
調整時 (圖 27)

1. 放鬆送料具 (C) 固定螺絲 (A)。
2. 上下移動送料具 (C) 使符合上述條件時，再鎖緊螺絲 (A)。
3. 將高度固定削 (D) 之固定螺絲 (B) 放鬆，調整固定削直至送料具 (C) 底部再鎖緊螺絲 (B) (圖 27)
4. 此時亦應確認送料具 (C) 左右方向的平行。

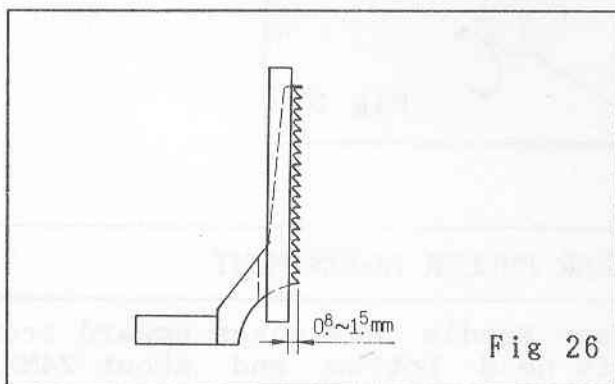


Fig 26

FEED DOG ADJSUTMENT

When feed dogs (C) move to the highest position, the distance from the tips of feed dogs to the face of Needle Plate is 0.8-1.5mm. The average is 1.2mm. (Fig. 26)
For adjustment: (Fig. 27)

1. Loosen screw (A) on Feed Dog (C)
2. Move Feed Dog (C) up and/or down to meet above requirement then tighten screw (A).
3. Loosen screw (B) and move stop pin (D) upward to the bottom of Feed Dog (E), then tighten screw (B), (Fig. 27).
4. Be sure to check the parallel among feed dogs.

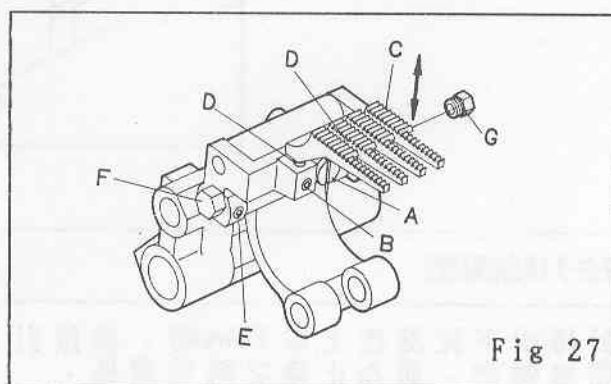


Fig 27

送料具平行調整

送料具上升至最高時應安裝與針板平行。(圖 26)

調整時：

夾緊螺栓 (F)，將螺帽 (G) 放鬆，調整送料具螺絲 (E)，使送料具 (C) 與針板面平行 (圖 27) 再鎖緊螺帽 (G)。

縫距之調整

壓下縫距調整按鈕 (A)，並轉動皮帶輪，使按鈕卡住針具距調整組，再轉動皮帶輪至所需之縫距後，放開此按鈕。(圖 28)

欲調長縫距時，將皮帶輪往順時針方向旋轉，反之則小。
調整縫距時，馬達需在停止狀態。

FEED DOG'S PARALLEL ADJUSTMENT

When the Feed Dogs are at the highest position they should be parallel to Needle Plate surface (Fig. 26).

For adjustment:

Holding screw nut (F) firmly and loosen screw (G) then to adjust screw (E) for the teeth surface of Feed Dogs, is paralleled needle plate. (Fig. 27). Then, tighten screw (G).

STITCH LENGTH ADJUSTMENT

Push stitch length regulator button (A) and turn pulley until the button lock in the stitch regulator. Then, turn pulley again to reach desired stitch length. then, release the button. (Fig. 28)

Turn pulley clockwise for longer stitch length, vice versa. Be sure to turn off motor When adjusting.

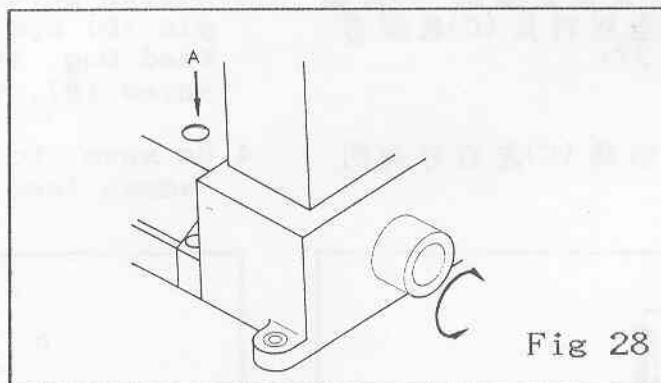


Fig 28

後控引輪調整

當針棒由下死點往上移 24mm 時，後拉引輪開始轉動，即為正確之時位關係。

調整時：(圖 29)

1. 放鬆偏心凸輪 (B) 固定螺絲 (A) 後，再稍鎖緊。

REAR PULLER ADJUSTMENT

When Needle Bar moves upward from its dead bottom end about 24MM, the rear pulley cam starts moving.

To adjust: (Fig. 29)

1. Loosen screws (A) on eccentric cam (B) then tighten them a little bit.

2. 旋轉皮帶輪至上述條件後，再鎖緊螺絲(A)，往前轉時間變快，往後轉則變慢。

2. Turn pulley to have Needle Bar and rear puller reach their proper tinerelat-ed position. Then tighten screws(A). Turn eccentric cam forward to have faster motion. vice ver'sa.

後拉滾輪供給量之調整

1. 取下上蓋。
2. 放鬆連桿(A)上之螺帽(B)(圖30)。
3. 將連桿(A)前後移動，往前移(C方向)則供給量小，往後移(D方向)則供給量大。
4. 微量調整時，放鬆螺帽(A)將連桿(B)上下移動，往上量多。(圖31)

FEEDING ADJUSTMENT OF REAR PULLER

1. Take off top cover,
2. Release nut (B) on connector (A), (Fig. 30).
3. Move connector (A) back and forth for more or less feeding length, toward C diliation reduce feeding length.
4. For micro adjustment, release nut (A) and move connector (B) upward for longer and downward for shorter feeding length respectively.(Fig. 31)

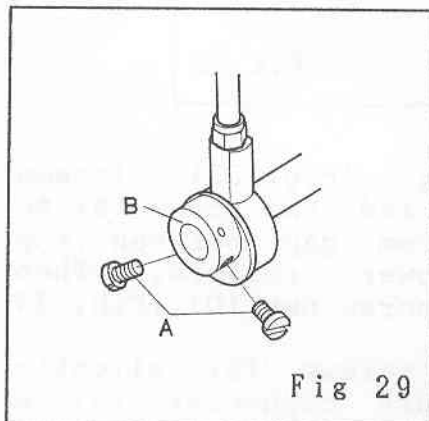


Fig 29

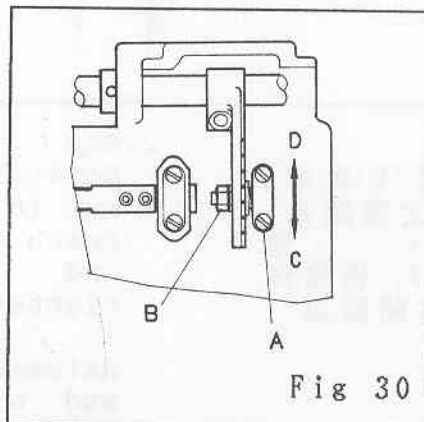


Fig 30

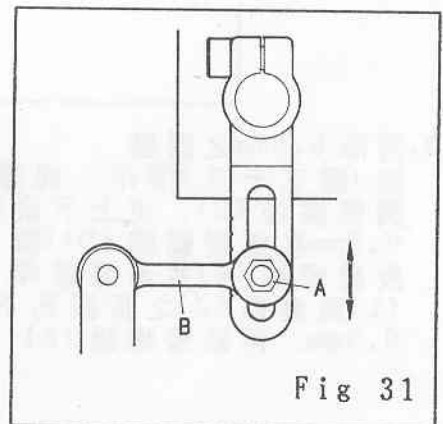


Fig 31

上下滾輪間隙調整

上下滾輪之間隙：將下滾輪放至下死點在自由狀態時，上滾輪與下滾輪之齒間隙為0.5mm(圖32)，且兩滾輪平行。

GAP ADJUSTMENT OF TOP AND LOWER ROLLERS

The feeth gap between top and lower rollers should be 0.5mm (Fig. 32), when the lower roller is free and at its dead bottom end and parallel to the top roller.(Fig. 32)

調整時：

1. 兩滾輪平行之調整

將螺絲 (A) 放鬆，調整兩滾輪平行後，
稍鎖緊螺絲 (A) 上下移動固定座 (C)，
使上下滑動順暢，再鎖緊螺絲 (A)。
(圖 32)

To adjust:

1. paralleling

Loosen screw (A). and put top
and lower rollers parallel.
Tighten screw (A) slightly and
move Frame Base (C) up and
down to its smooth. Then
tighten screw (A) (Fig. 32).

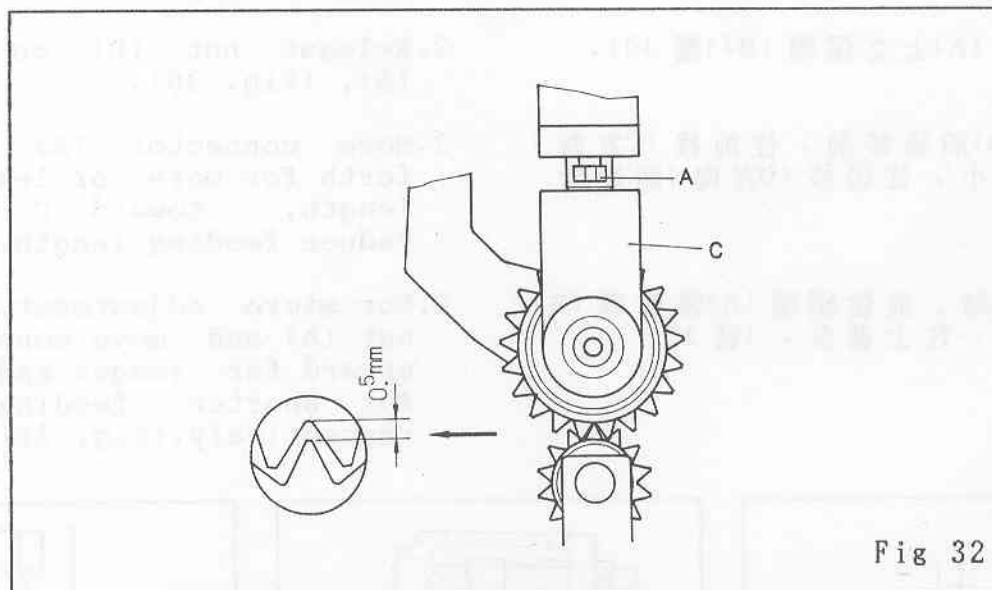


Fig 32

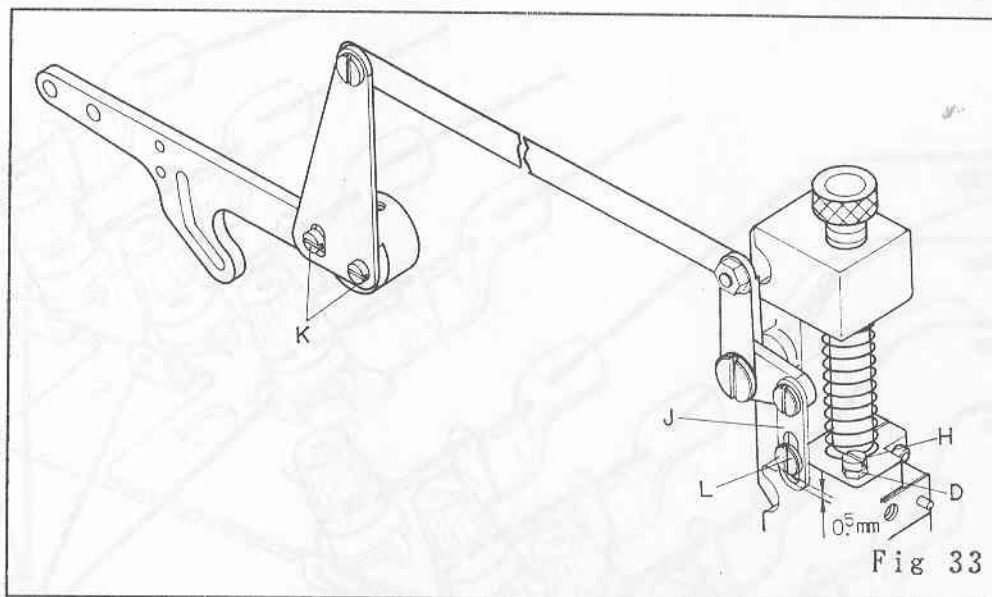
2. 間隙 0.5mm 之調整

如 (圖三十三) 所示，將螺帽 (D) 放鬆，
調整螺絲 (H)，使上下滾輪之間隙為
0.5mm 再鎖緊螺帽 (D) (圖 33)，稍
放鬆螺絲 (K) 並調整連桿 (J)，使螺絲
(L) 與連桿 (J) 之長圓孔下方間隙為
0.5mm，再鎖緊螺絲 (K)。

2. Gap

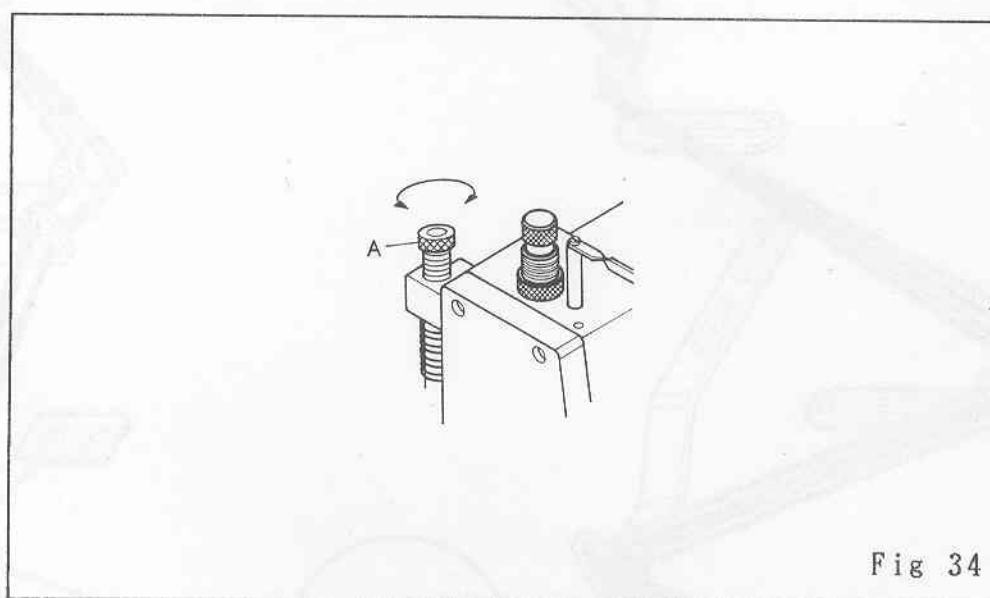
Referring (Fig. 33). loosen
nut (D) and turn screw (H) to
reach 0.5mm gap between top
and lower rollers. Then
tighten screw nut (D). (Fig. 33)

Release screws (K) slightly
and adjust connector (J) to
keep the space between the
bottom edge of screw (L) and
the edge of slot on connector
(J) at 0.5mm. Then tighten
screws (K).

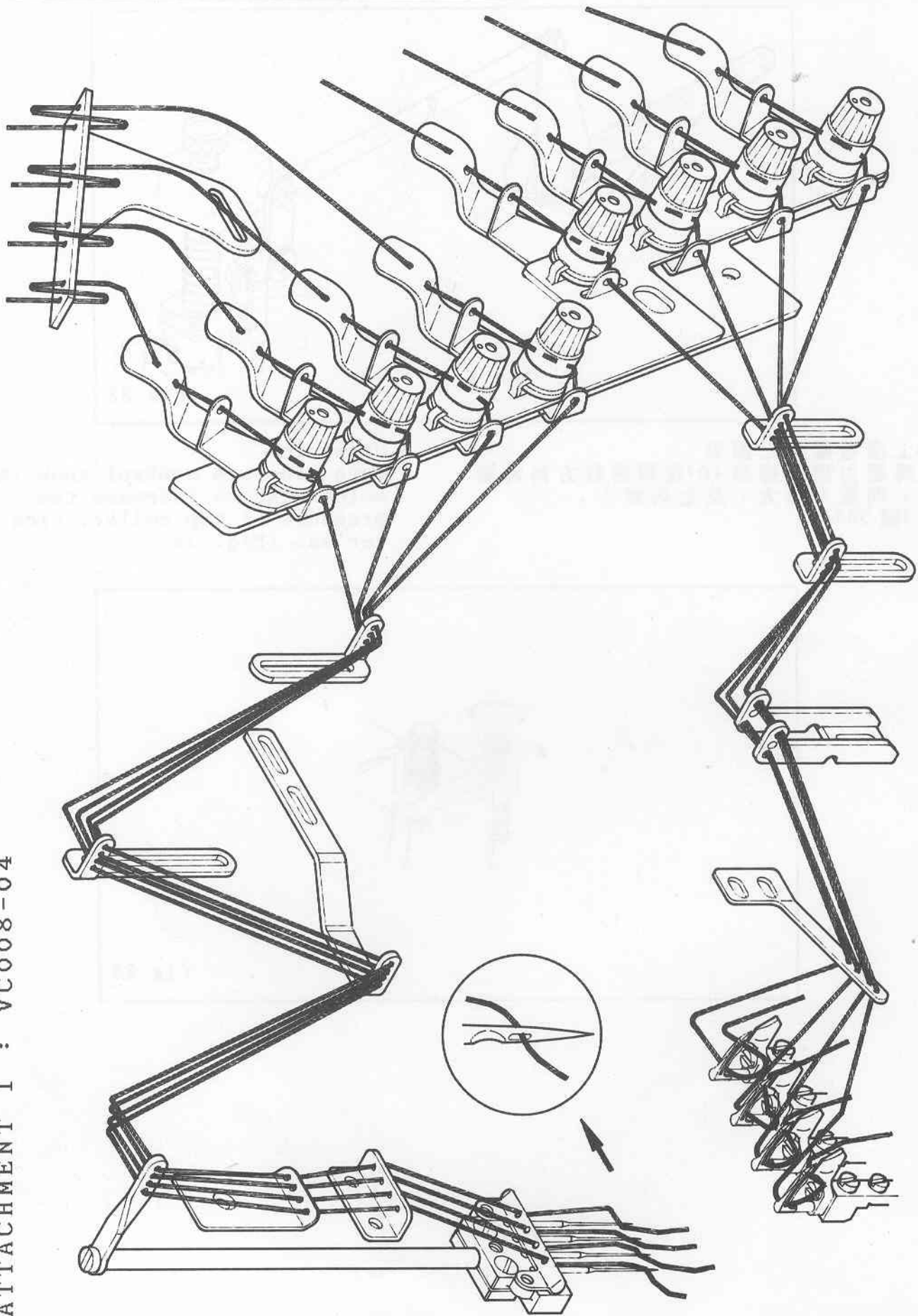


3. 上滾輪壓力之調整
將壓力調整螺絲 (A) 往順時針方向轉動
，則壓力加大，反之則減小。
(圖 34)

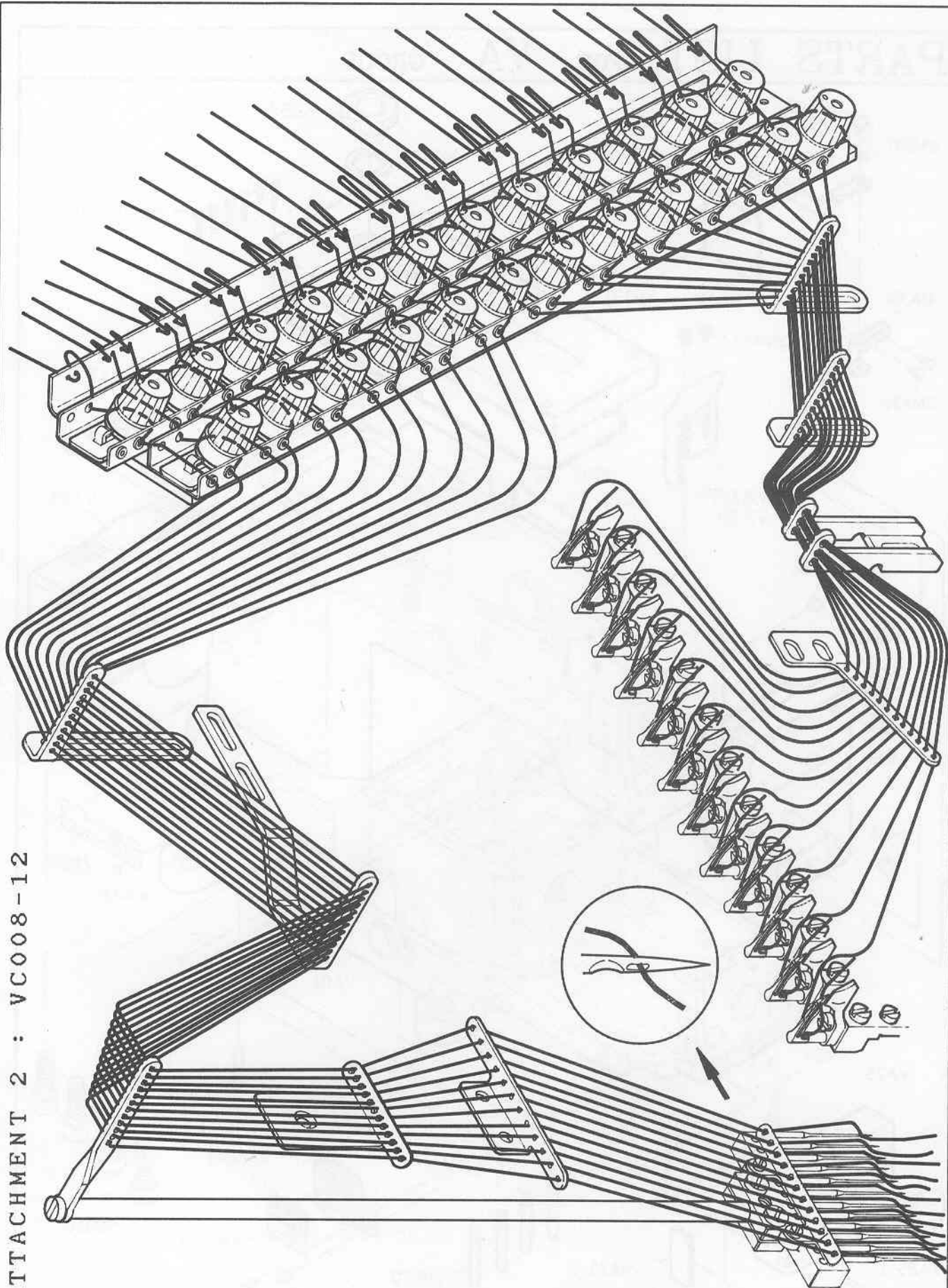
3. Pressure
Turn pressure control knob (A)
colockwise to increase the
pressure of top roller, vice
ver'sa. (Fig. 34)



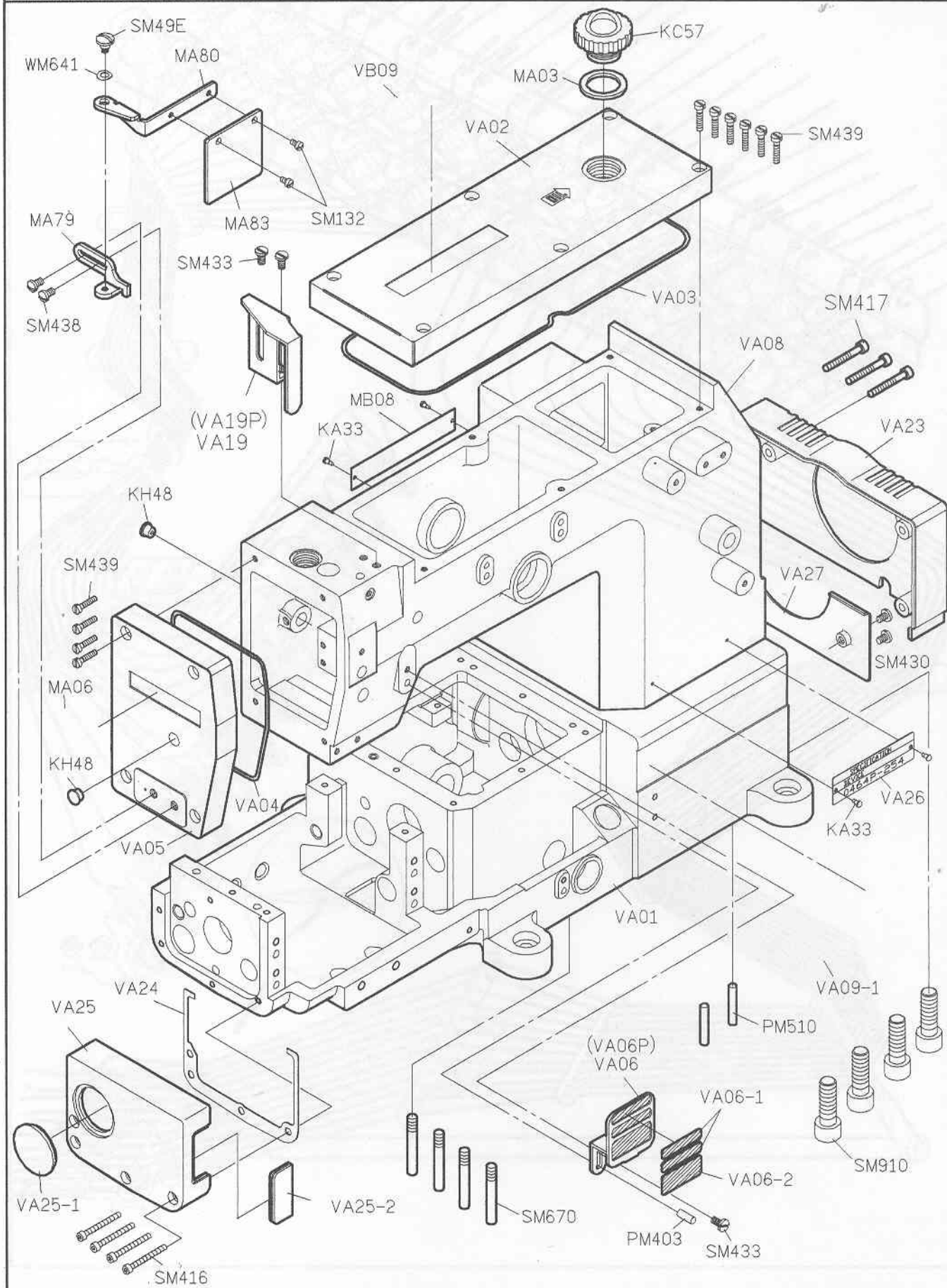
ATTACHMENT 1 : VC008-04



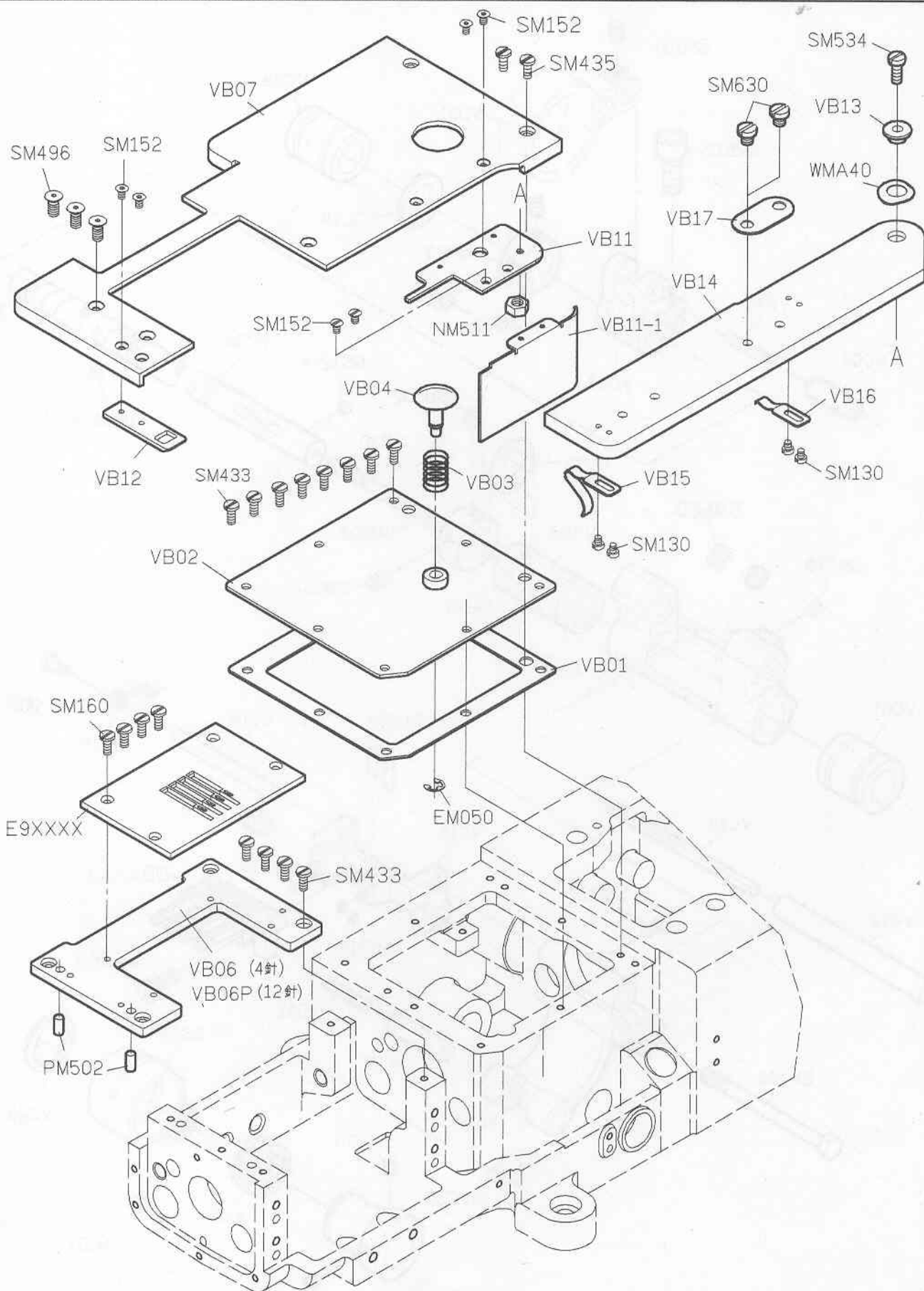
ATTACHMENT 2 : VC008-12



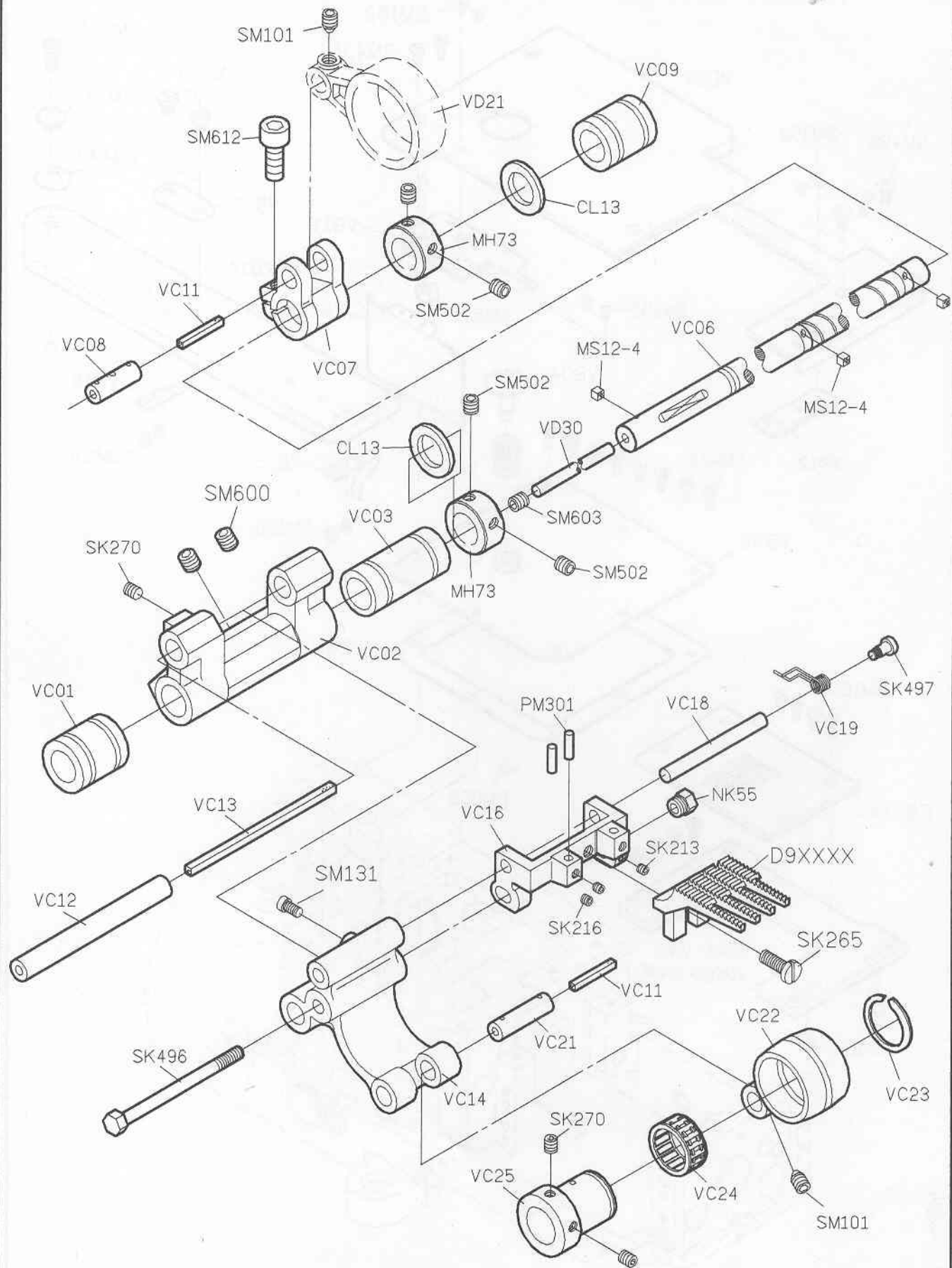
PARTS LIST FOR VA GROUP



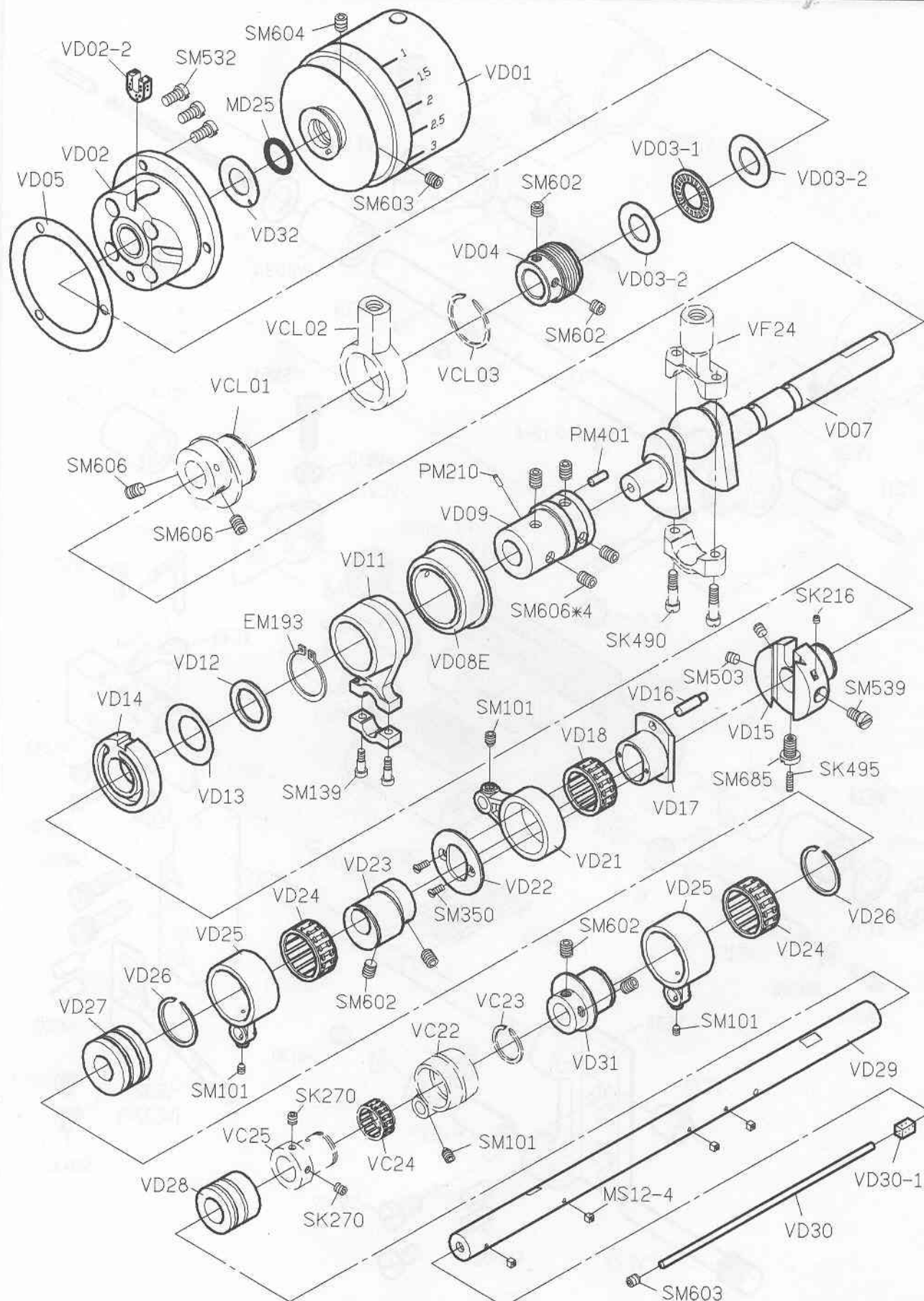
PARTS LIST FOR VB GROUP



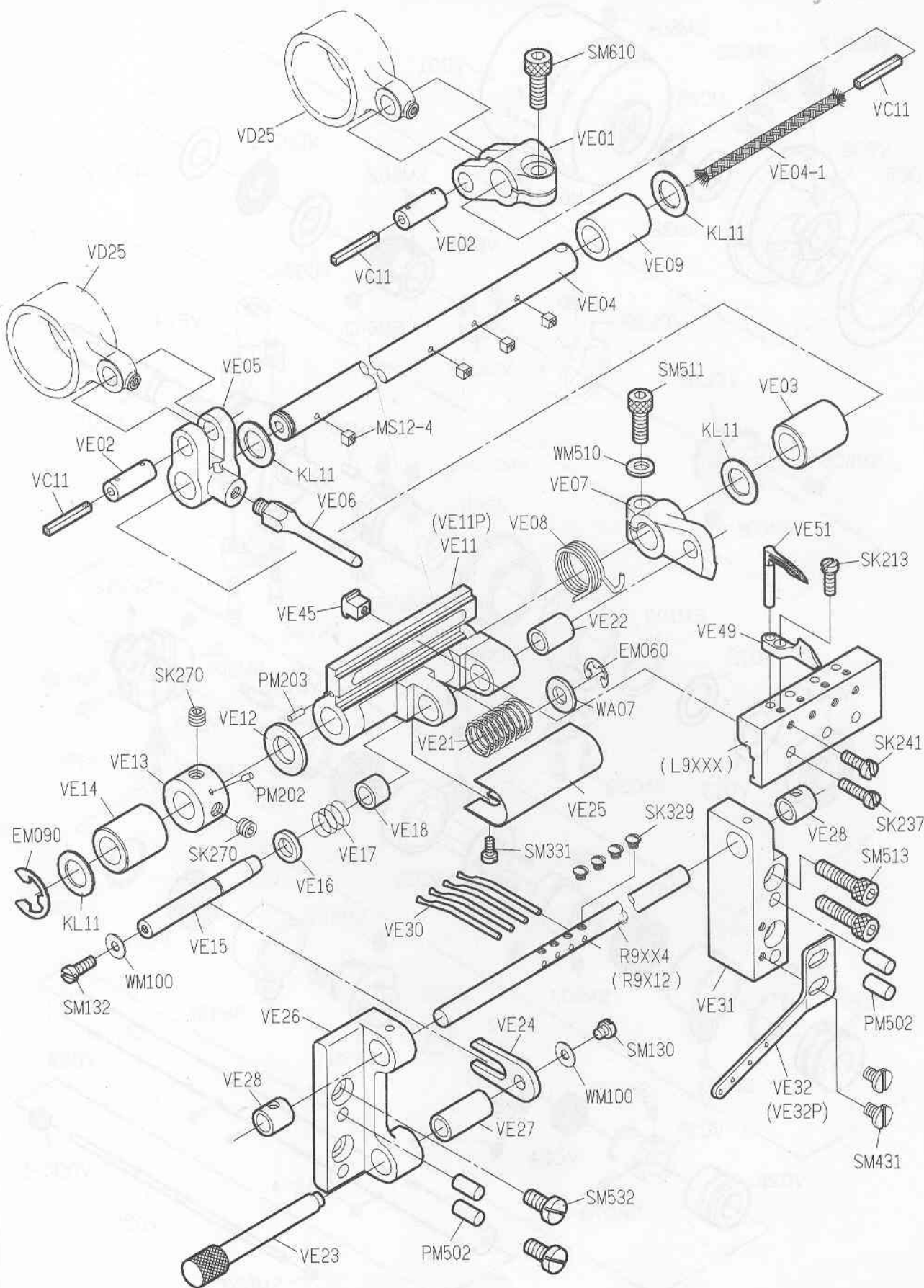
PARTS LIST FOR VC GROUP



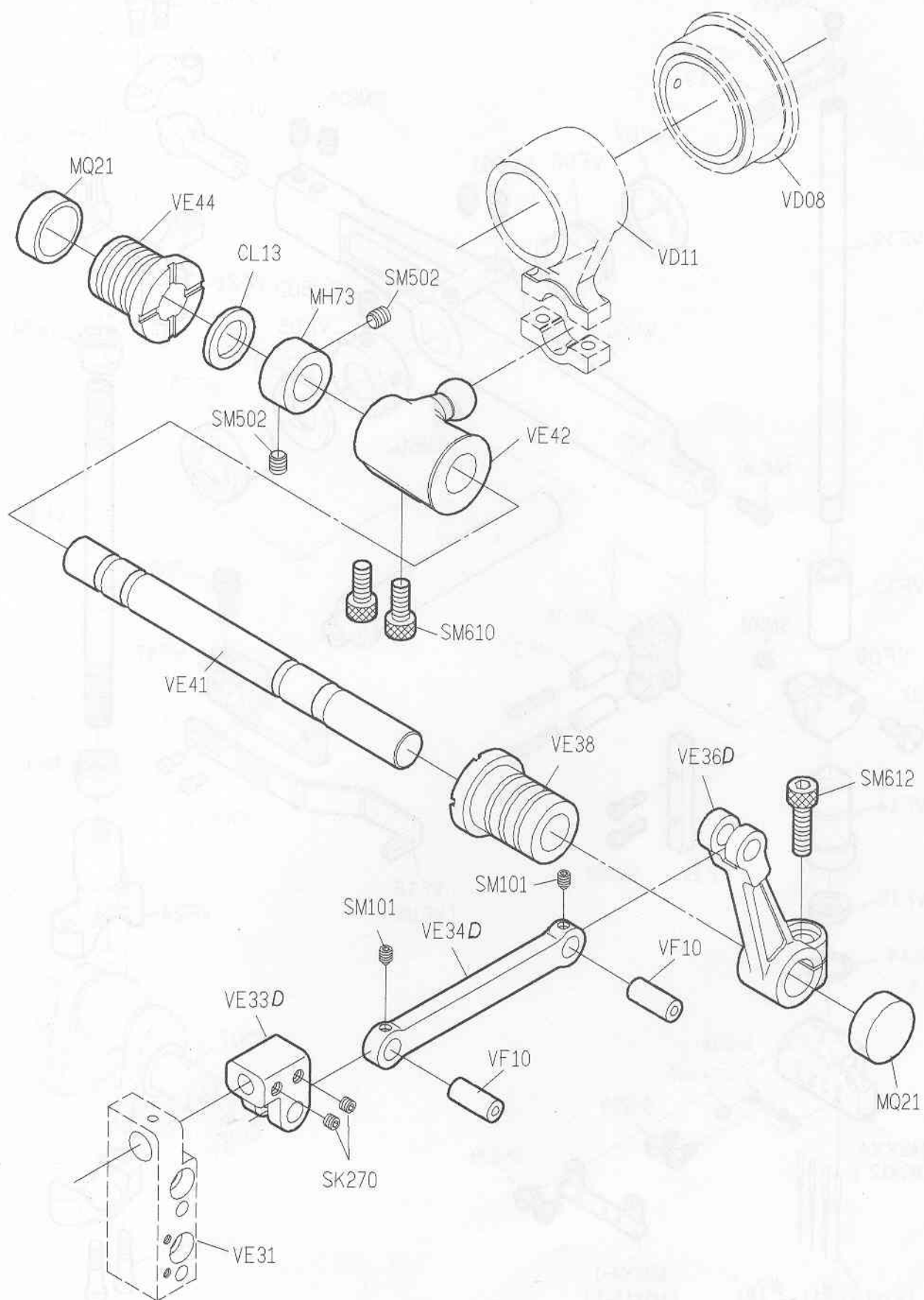
PARTS LIST FOR VD GROUP



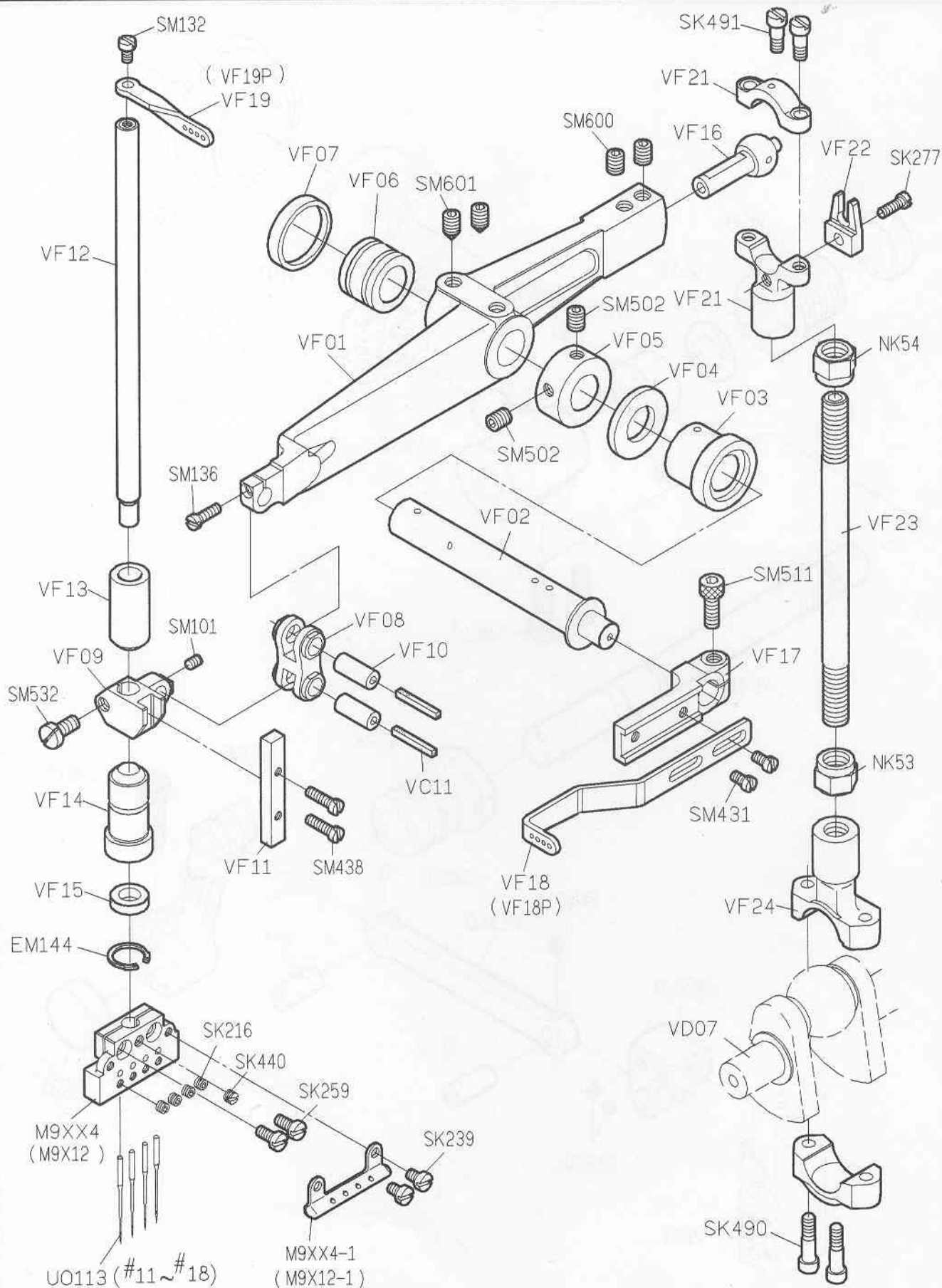
PARTS LIST FOR VE GROUP



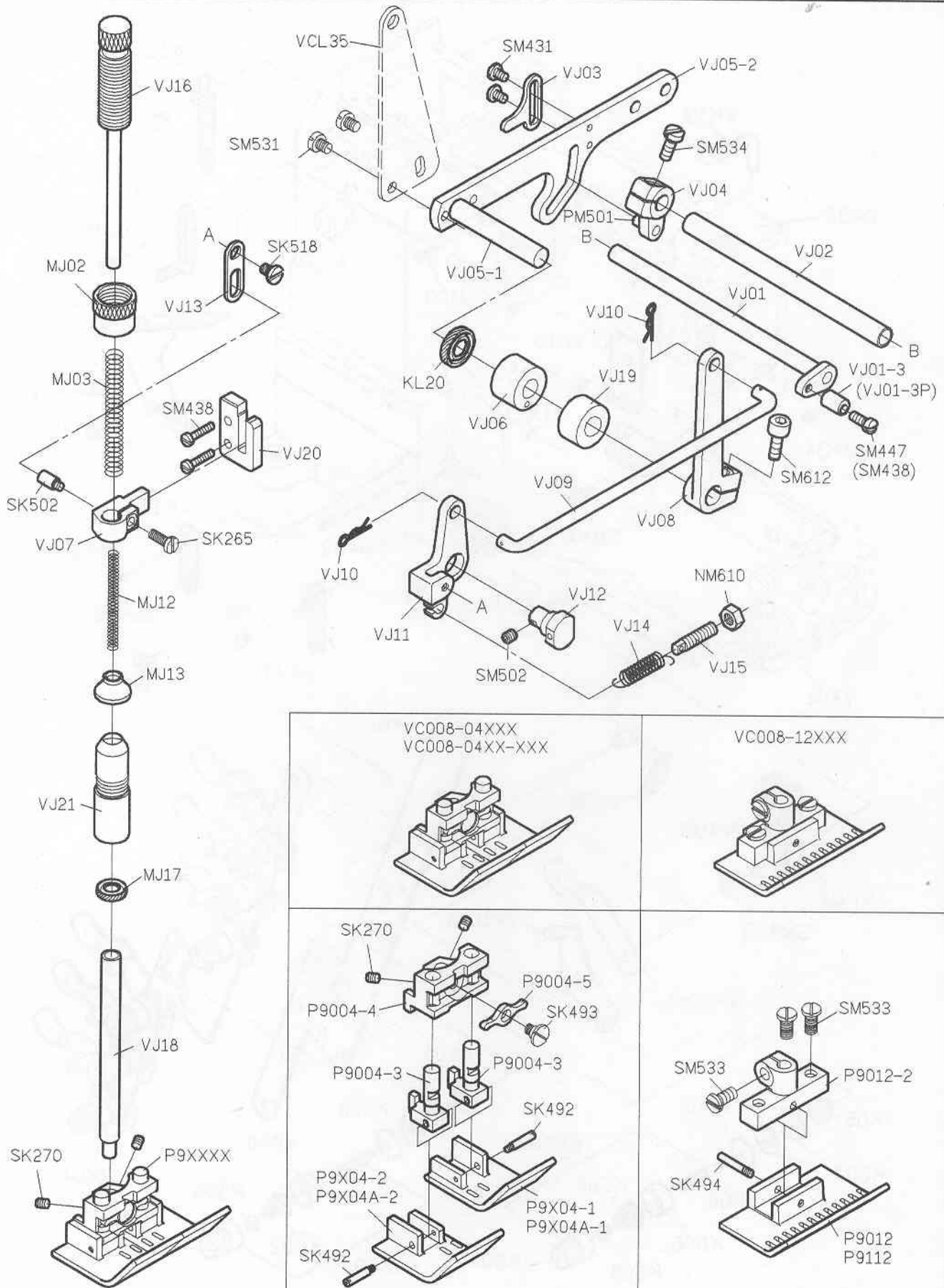
PARTS LIST FOR VE GROUP



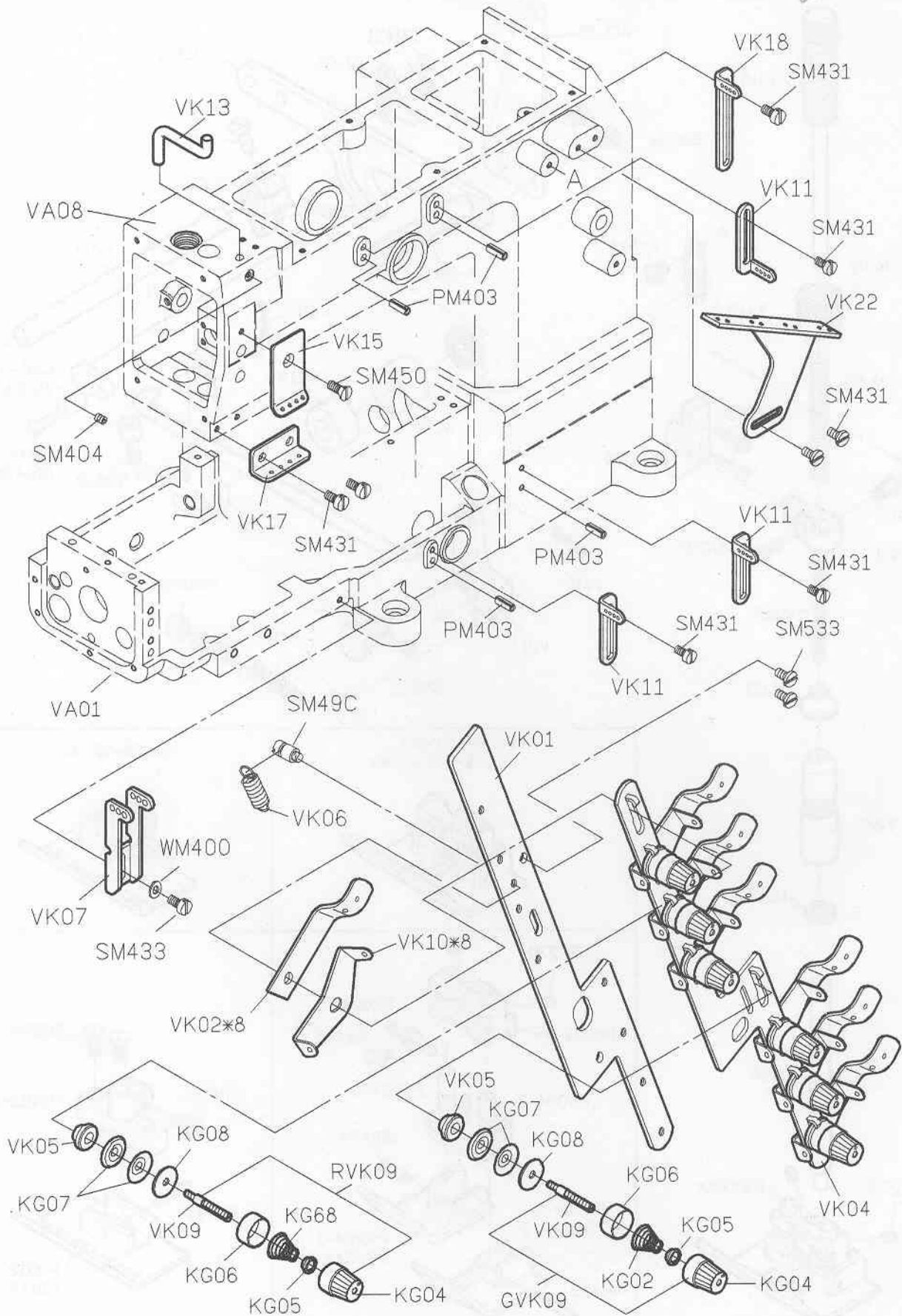
PARTS LIST FOR VF GROUP



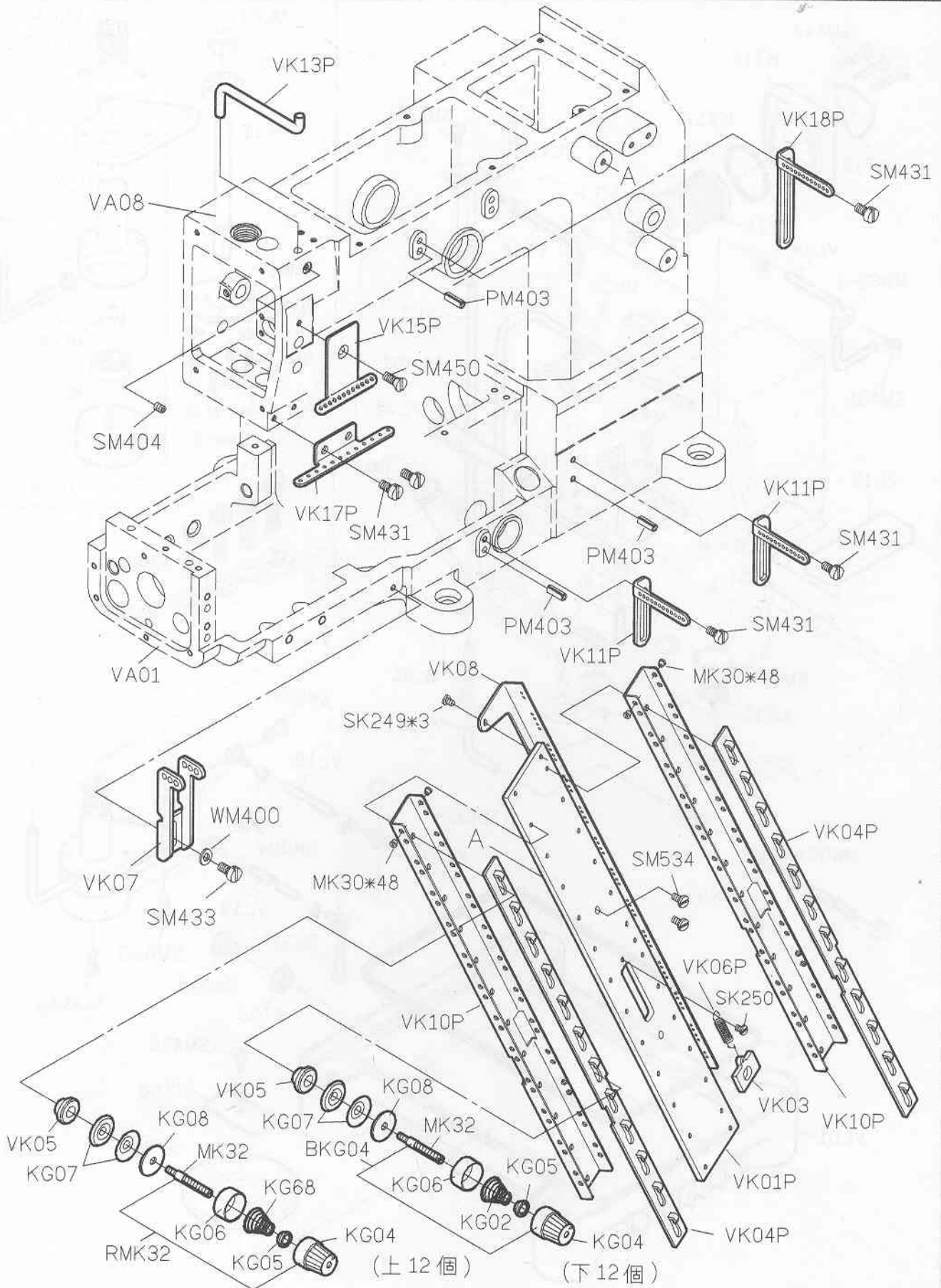
PARTS LIST FOR VJ GROUP



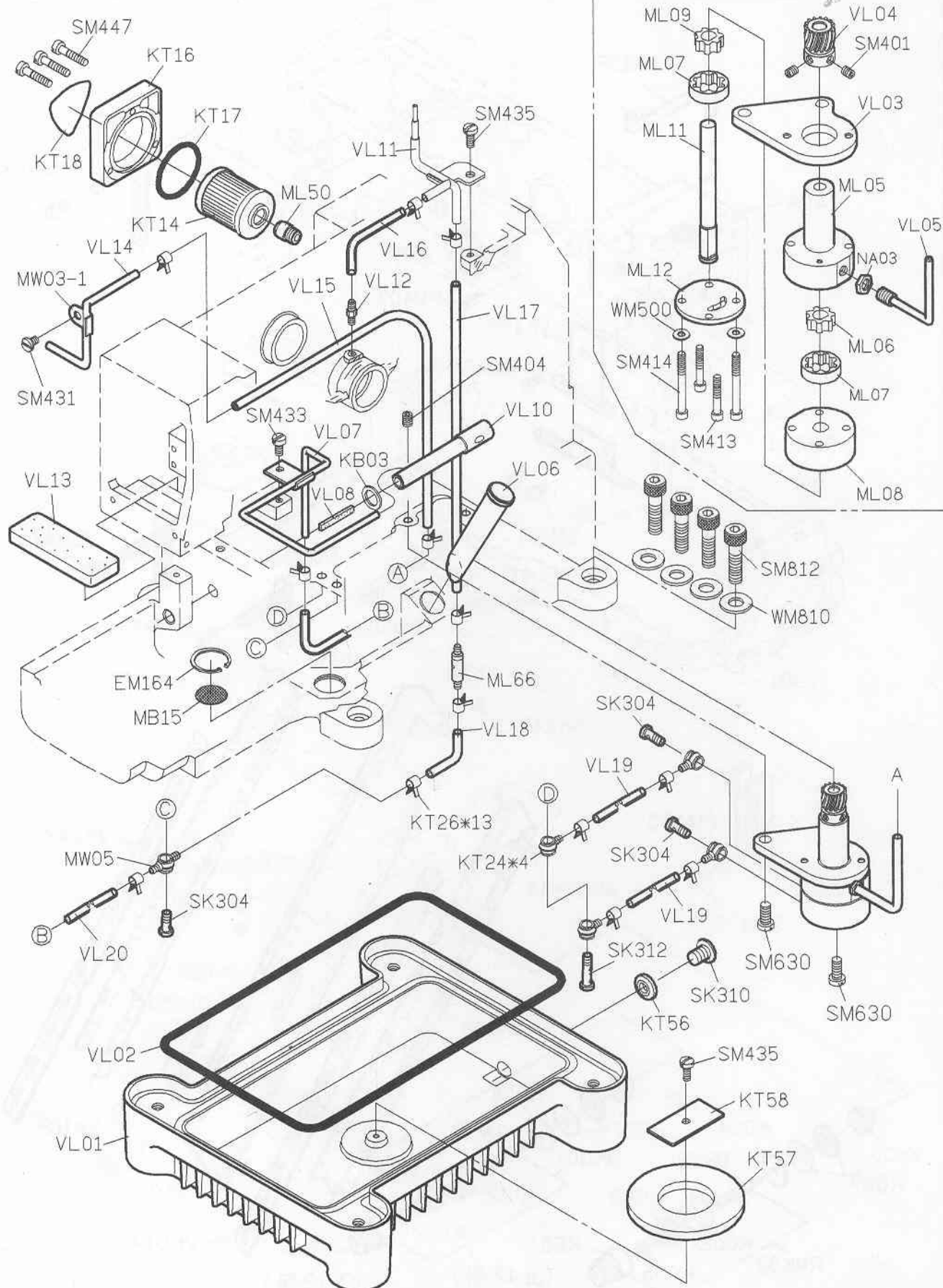
PARTS LIST FOR VK GROUP



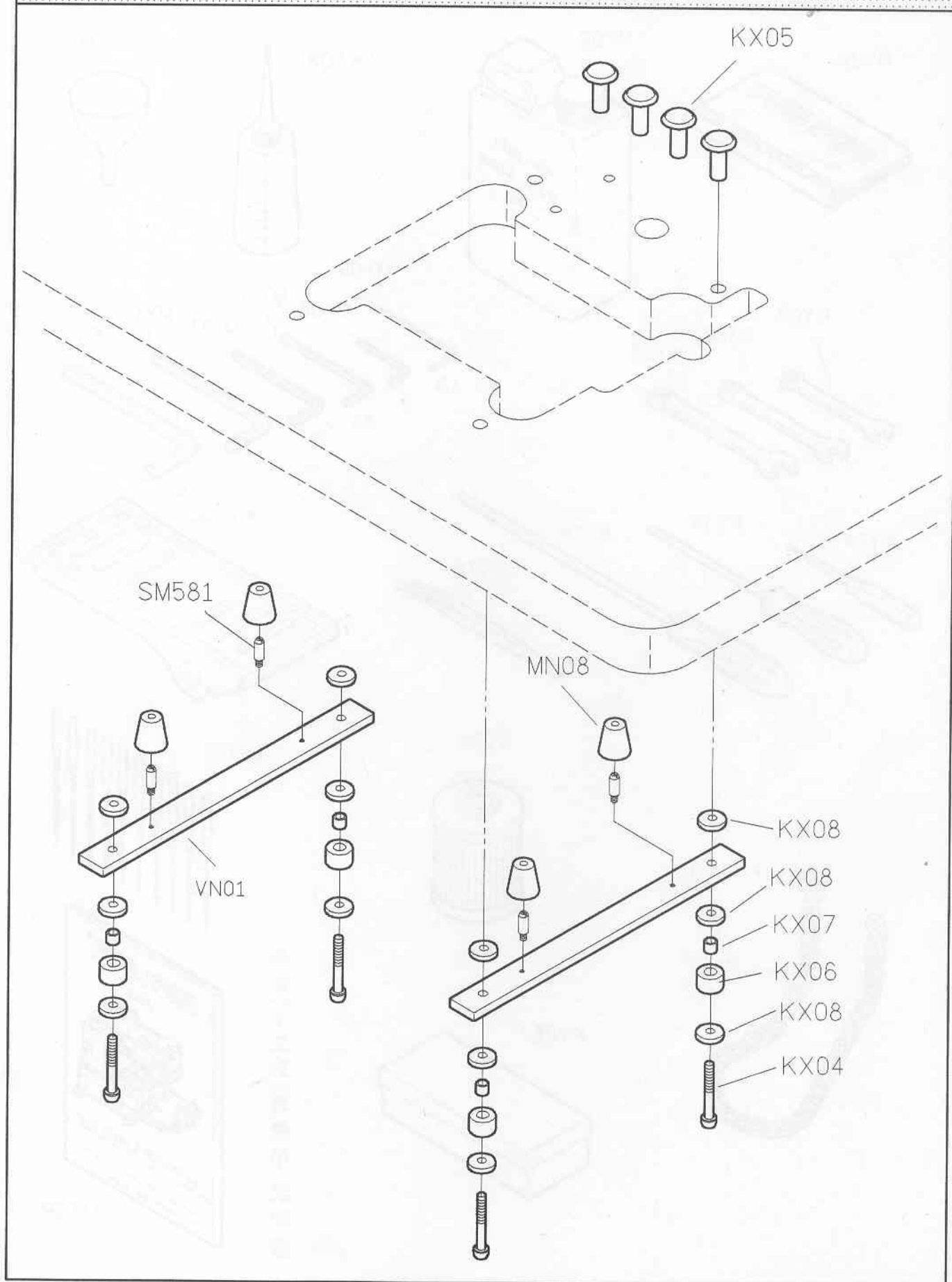
PARTS LIST FOR VK GROUP



PARTS LIST FOR VL GROUP



PARTS LIST FOR VN GROUP



PARTS LIST FOR VY GROUP

MY01



MY02



KY03



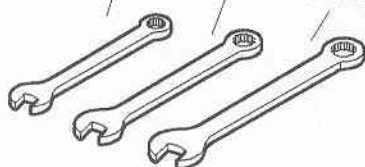
KY04



KY07

KY08

KY09



MY09

MY08

MY10

MY11

MY12

KY11

1.5

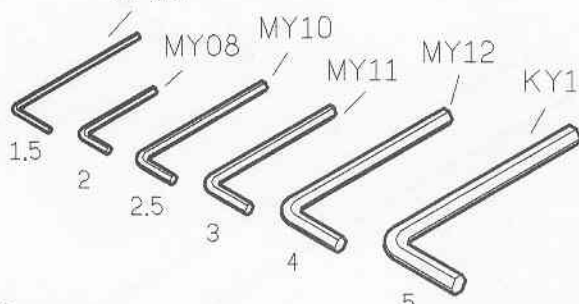
2

2.5

3

4

5

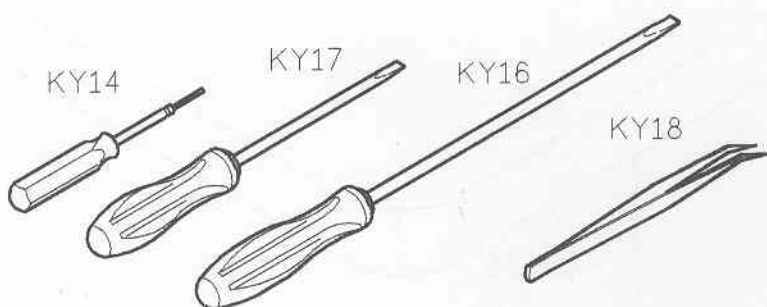


KY14

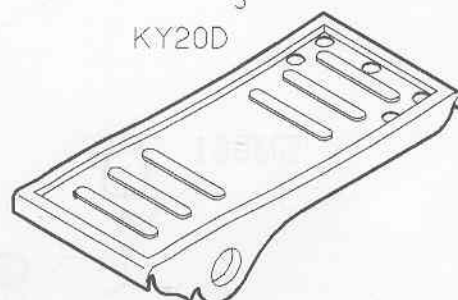
KY17

KY16

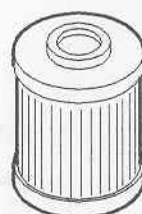
KY18



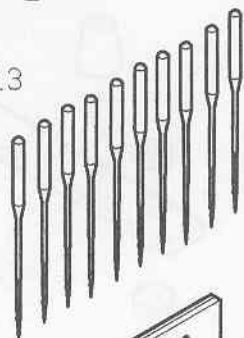
KY20D



KT14

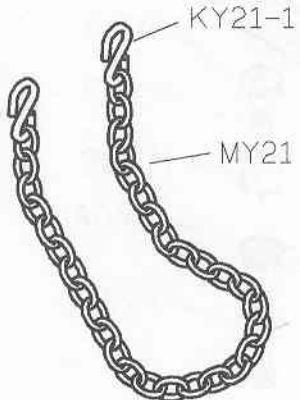


Uo113

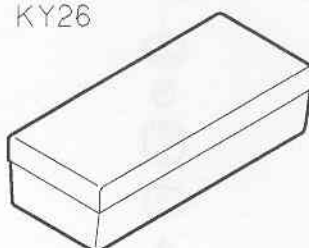


KY21-1

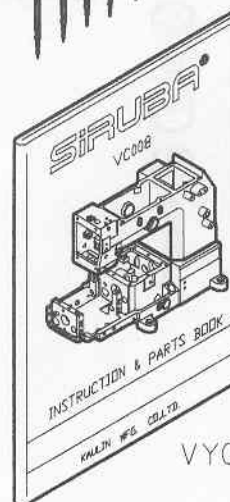
MY21



KY26

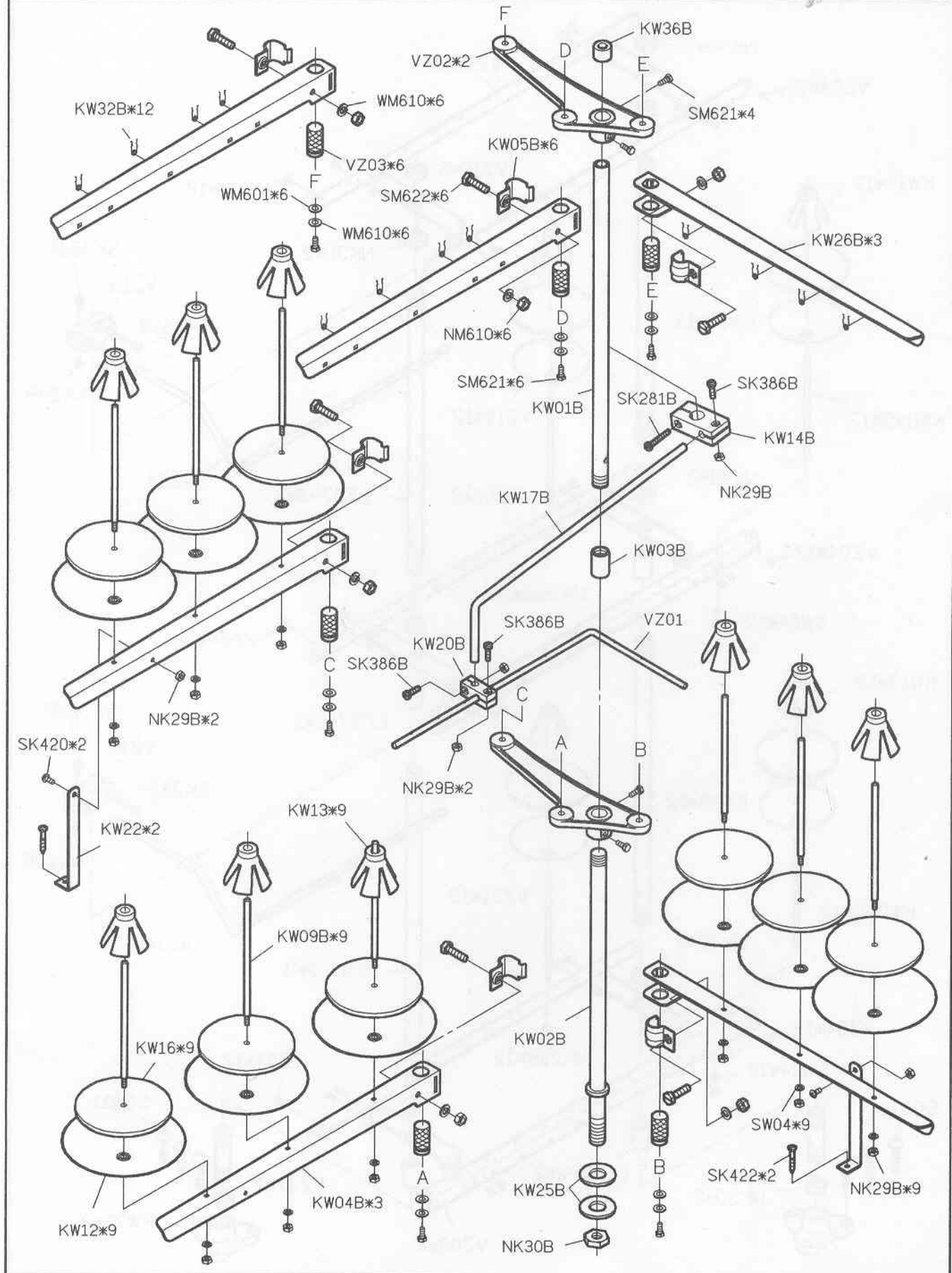


四針(十二針)車使用説明書

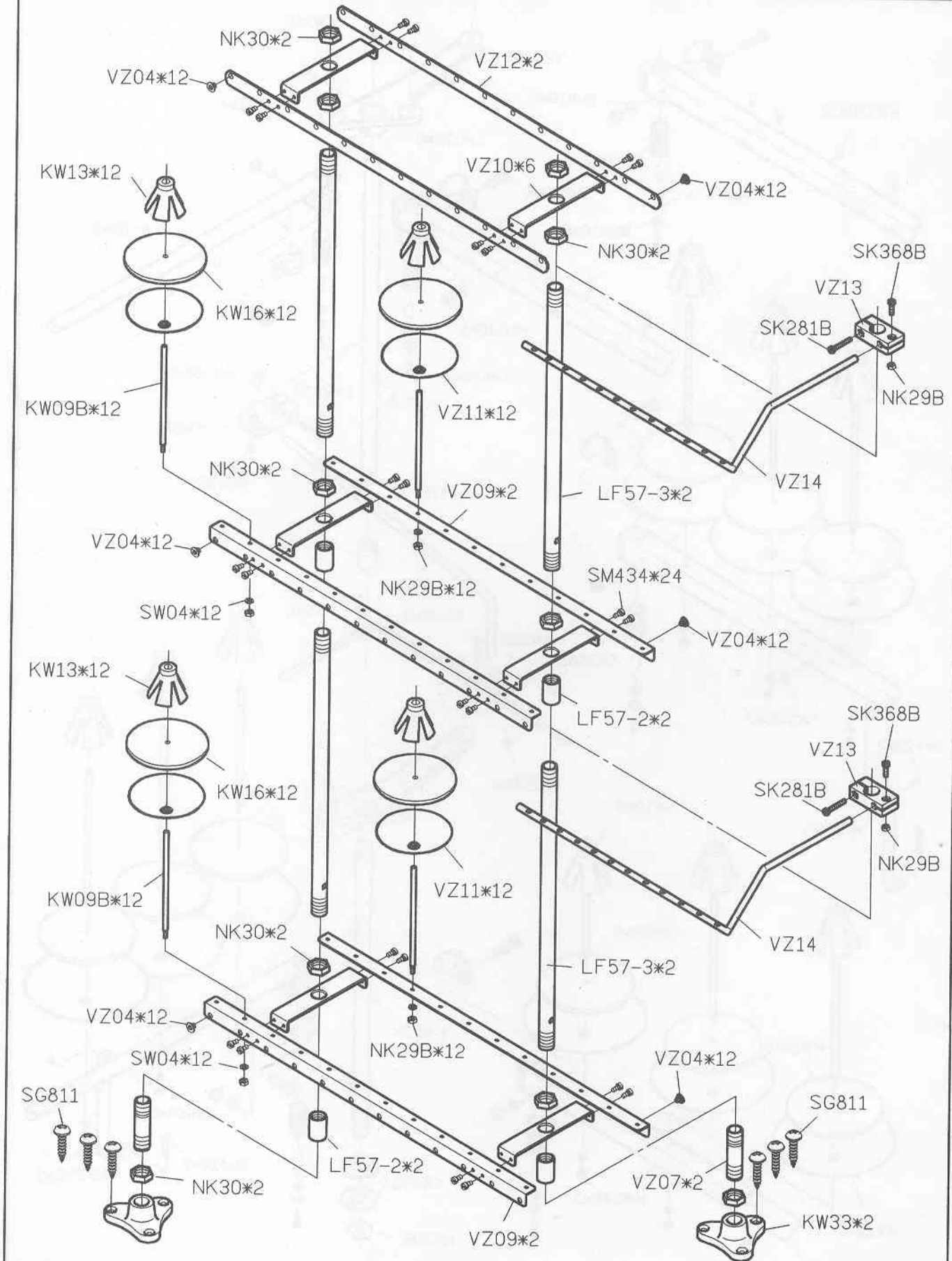


VY01P

PARTS LIST FOR VZ GROUP



PARTS LIST FOR VZ GROUP



CONVERSION CHART

多針筒車規格件表

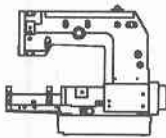
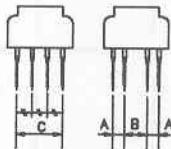
			 							
機 型 MODEL	規格 SVB CLASS	種 類 NEEDLE GAUGE	針 鋸 NEEDLE HOLDER		針 板 NEEDLE PLATE	送金齒 FEED DOG	押 具 PRESSER FOOT	撥線軸 RETAINER HOLDER	勾針座 LOOPER HOLDER	針規格 NEEDLE
VC008-04	064	3/4"	M9004		E9004	D9004	P9004	R9004	L9004	Uo113 #11~#18
	085	1"	M9104		E9104	D9104	P9104	R9104	L9104	Uo113 #11~#18
	095	1 1/8"	M9204		E9204	D9204	P9204	R9204	L9204	Uo113 #11~#18
	106	1 1/4"	M9304		E9304	D9304	P9304	R9304	L9304	Uo113 #11~#18
	127	1 1/2"	M9404		E9404	D9404	P9404	R9404	L9404	Uo113 #11~#18
VC008-0448	191	3/16-3/4-3/16"		M9504A	E9504A	D9504A	P9504A	R9504A	L9504A	Uo113 #11~#18
	222	3/16-7/8-3/16"		M9204A	E9204A	D9204A	P9204A	R9204A	L9204A	Uo113 #11~#18
	254	3/16-1-3/16"		M9404A	E9404A	D9404A	P9404A	R9404A	L9404A	Uo113 #11~#18
VC008-0464	191	1/4-3/4-1/4"		M9304A	E9304A	D9304A	P9304A	R9304A	L9304A	Uo113 #11~#18
	127	1/4-1/2-1/4"		M9004A	E9004A	D9004A	P9004A	R9004A	L9004A	Uo113 #11~#18
	254	1/4-1-1/4"		M9104A	E9104A	D9104A	P9104A	R9104A	L9104A	Uo113 #11~#18
VC008-12	048	3/16"	M9012		E9012	D9012	P9012	R9012	L9012	Uo113 #11~#18
	064	1/4"	M9112		E9112	D9112	P9112	R9112	L9112	Uo113 #11~#18
VC008-02 /VMR	064	1/4"	M9002		E9002	D9002	P9002	R9002	L9002	Uo113 #11~#18
VC008-06 /VPL	048	3/16"	M9012		E9012	D9012	P9412	R9012	L9012	Uo113 #11~#18
	064	1/4"	M9112		E9112	D9112	P9512	R9112	L9112	Uo113 #11~#18
VC008-12	048	3/16"	M9012		E9012	D9012	P9212	R9012	L9012	Uo113 #11~#18
/VPQ	064	1/4"	M9112		E9112	D9112	P9312	R9112	L9112	Uo113 #11~#18

TABLE CUT-OUT OF CLINDER BED VC008-T1

單位: MM
所有尺寸公差: ± 2

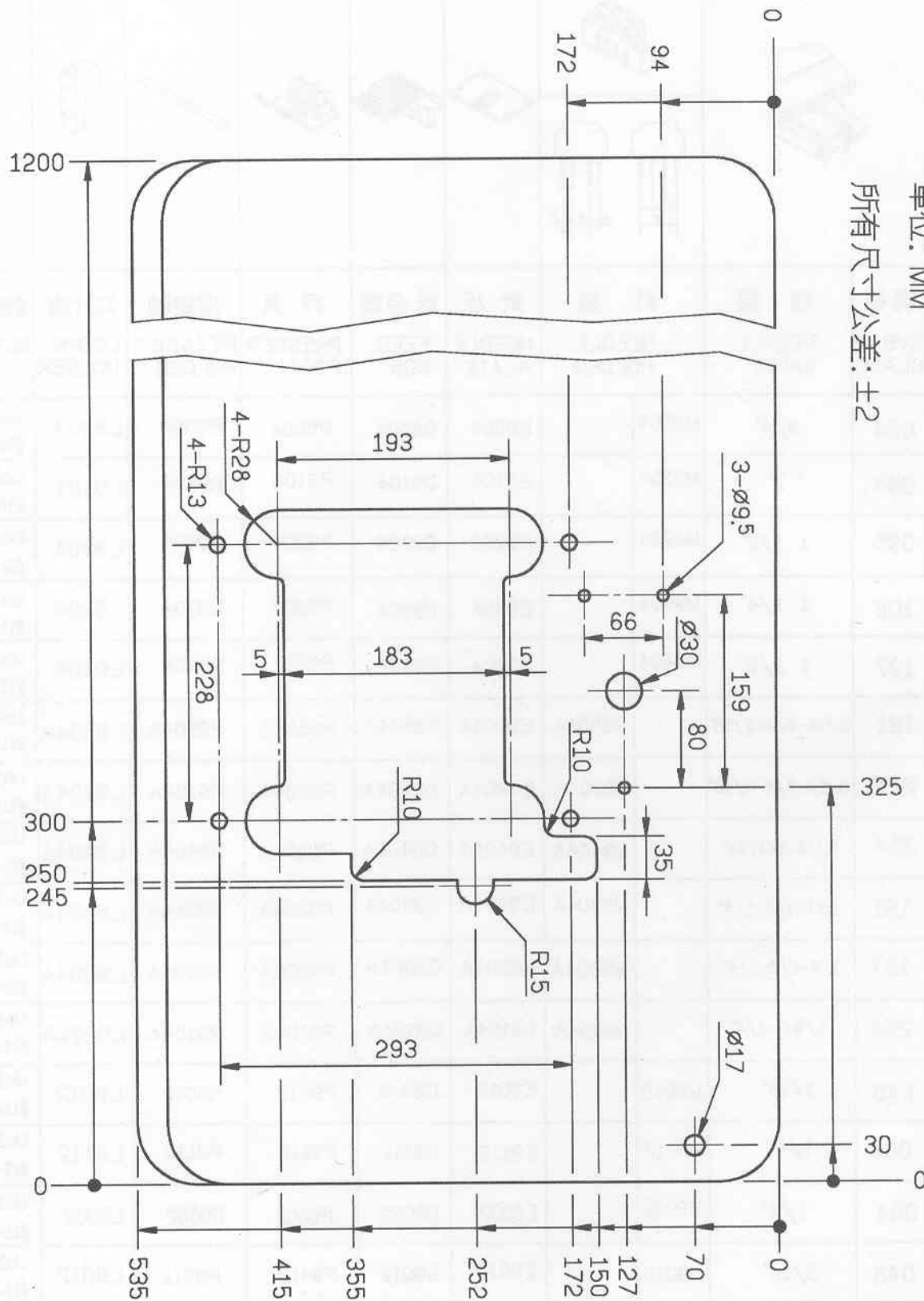


TABLE CUT-OUT OF CLINDER BED VC008-T2

單位: MM

所有尺寸公差: ± 2

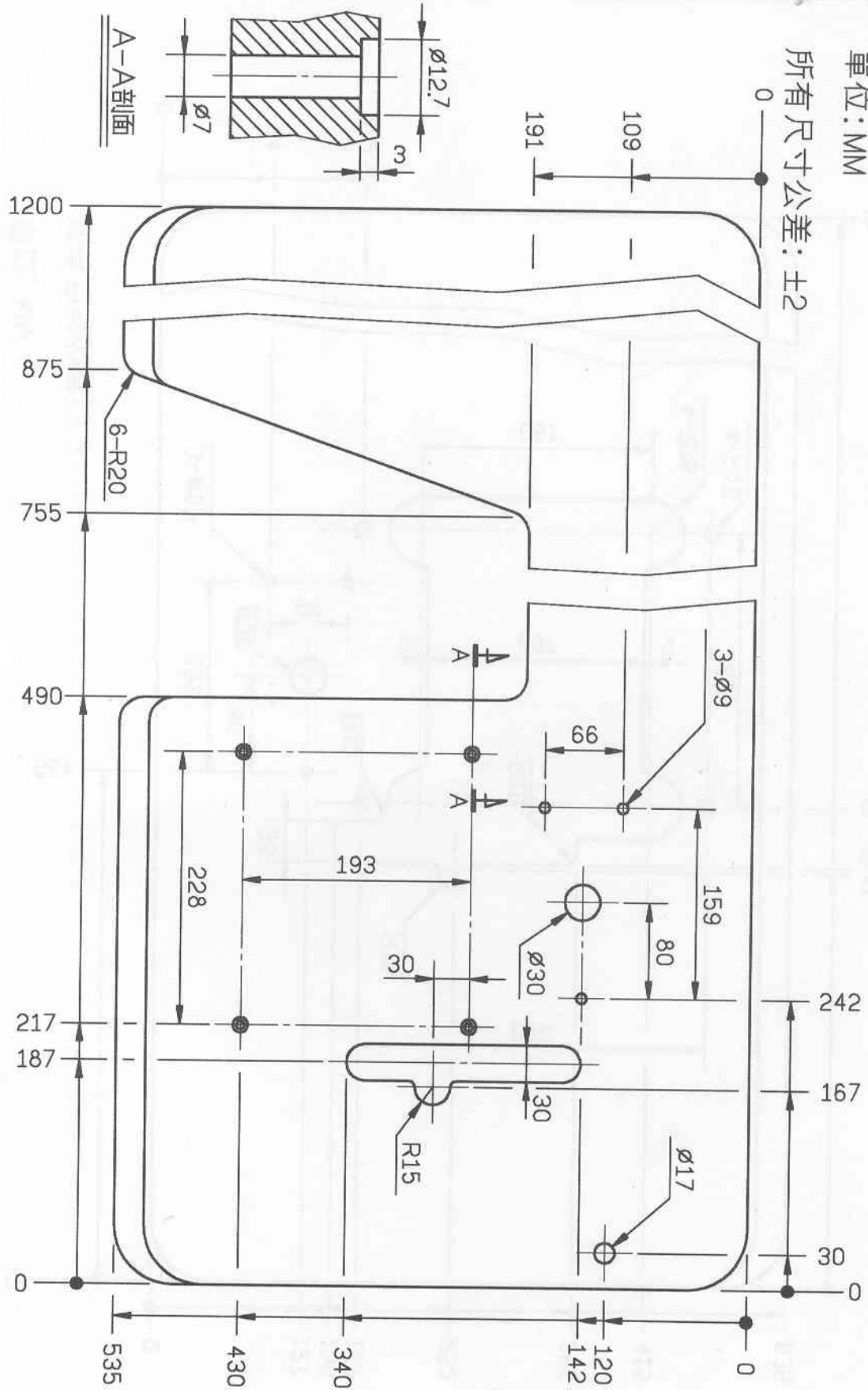


TABLE CUT-OUT OF CLINDER BED VC008-T3

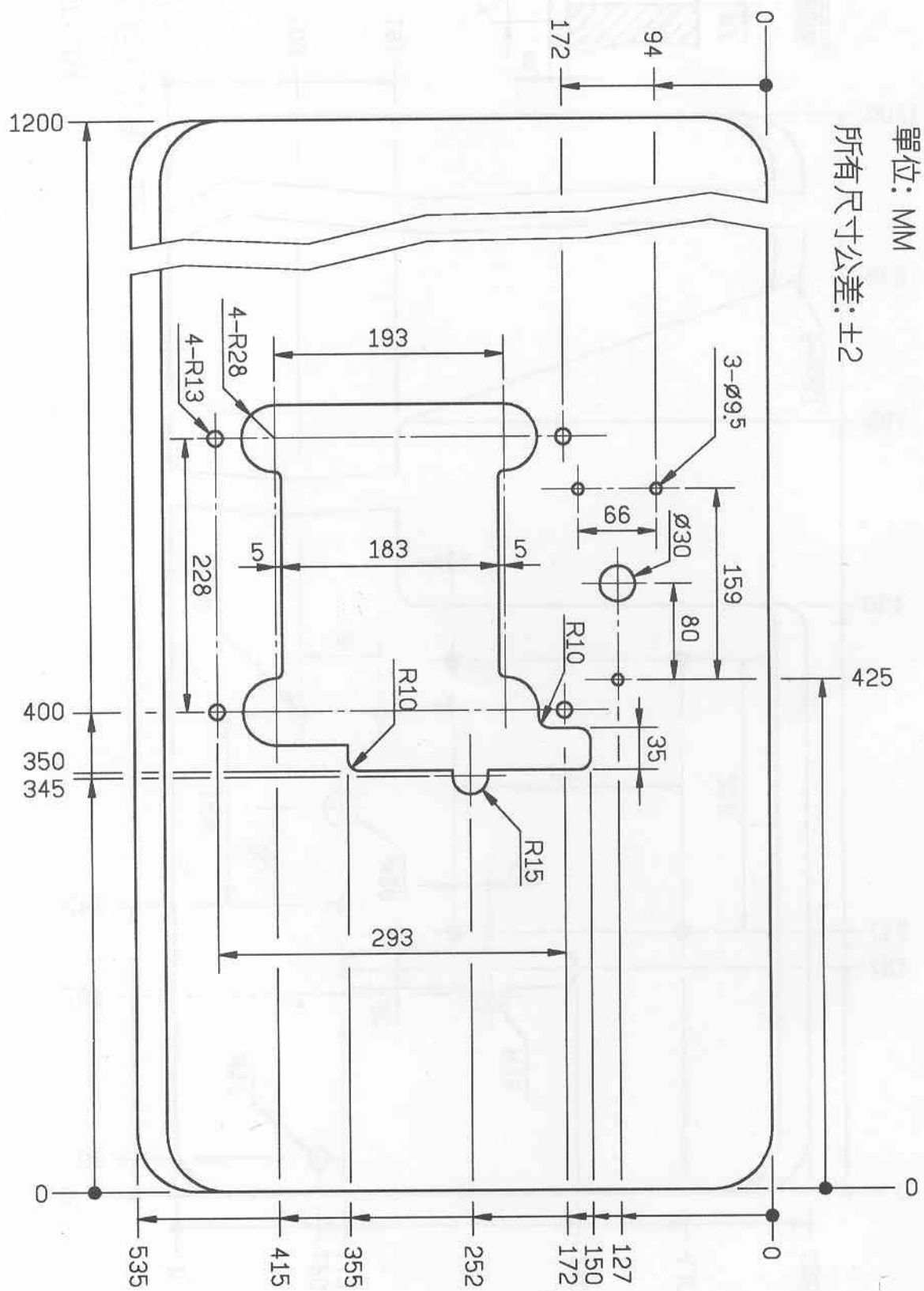


TABLE CUT-OUT OF CLINDER BED VC008-T4

單位:MM

所有尺寸公差: ± 2

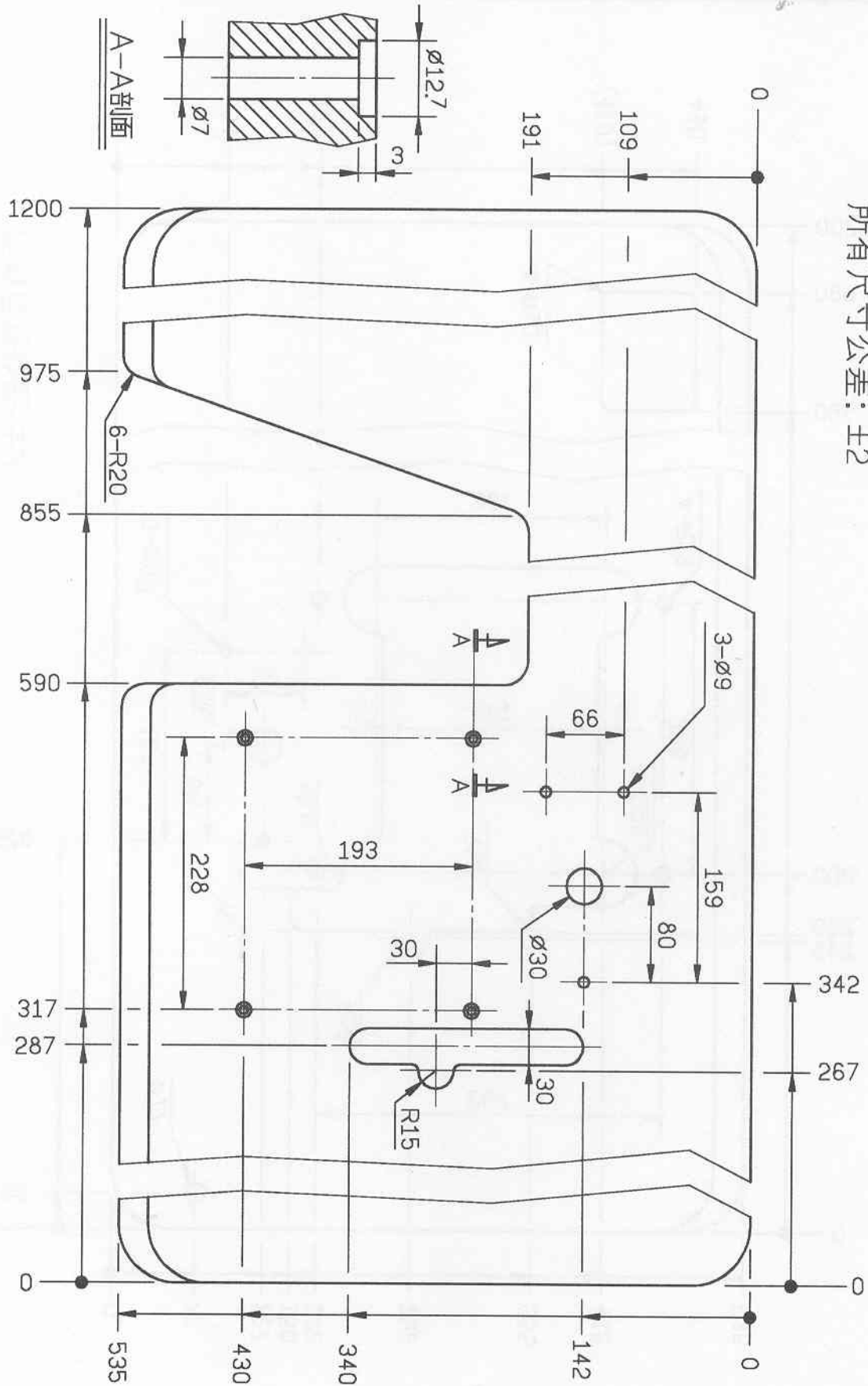


TABLE CUT-OUT OF CLINDER BED VC008-T5

單位: MM

所有尺寸公差: ± 2

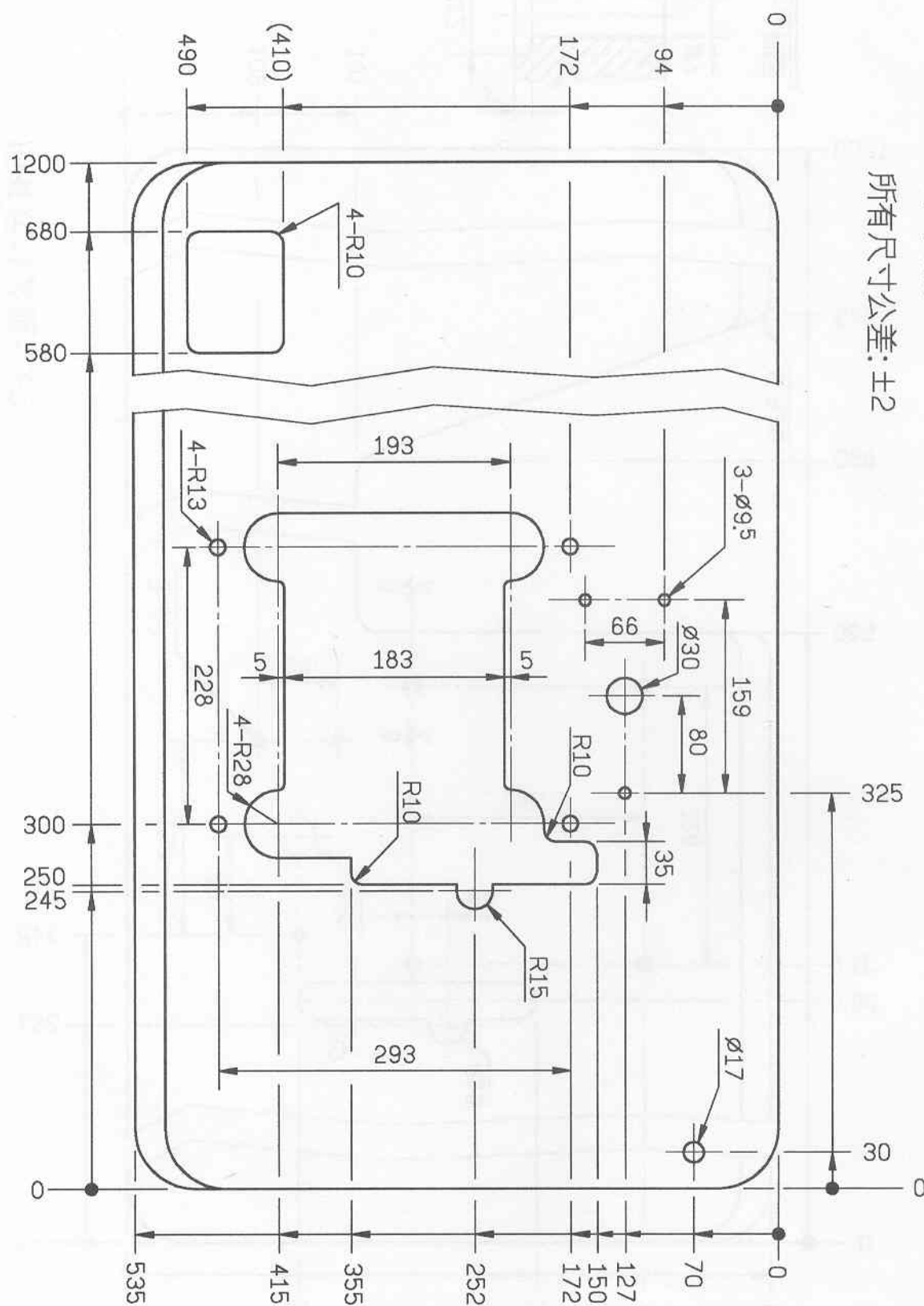
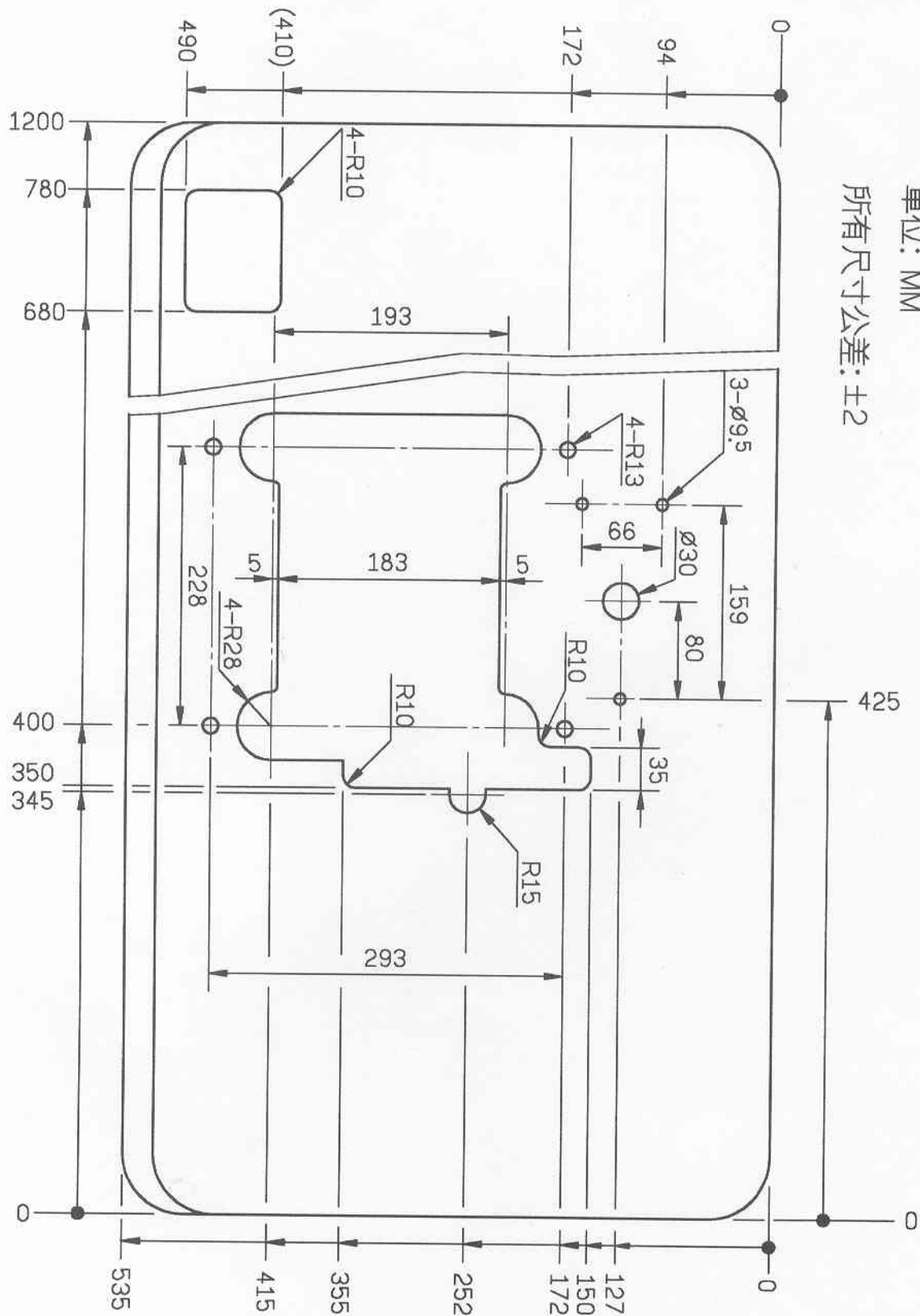


TABLE CUT-OUT OF CLINDER BED VC008-T6



SIRUBA®