
開頭語

衷心感謝您購買本公司產品！使用縫紉機之前，請認真閱讀此說明書。本說明書介紹了縫紉機日常使用、維護與安全的有關注意事項。請您仔細加以保管，以便日后查閱。如產品規格或外觀經過改良可能會與說明書略有不同，恕不另行通知。

PROLOGUE

Thanking you for your purchase our products sincerely, please reading the manual book before operation, the book introduce some points how to operate, maintenance, and safe. Please keep it carefully for reading in the further; you will be not informed if the file has been revised. Please set sample as standard.



爲了安全

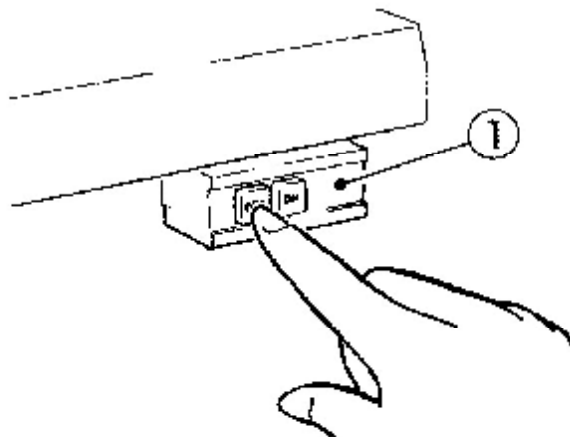
對於縫紉機本身各種裝置，我們充分考慮到它的安全性。請遵照基本的操作方法，安全的進行工作。

- 拆除爲保證安全所設置的裝置，零件的情況下使用，是非常危險的，請絕對不要拆除后使用。
- 縫紉機在使用時，請不要在縫紉機臺板上放置工具及縫紉時不必要的物品。
- 在對縫紉機進行檢修、調節、清掃、穿綫、換針等工作時，爲防止發生事故，務必請切斷電源，在確認即使踩下縫紉機踏板，縫紉機也不轉動之后，再進行操作。

注意

使用離合式馬達的情況下，在關掉電源①后因慣性作用會繼續旋轉。這時如不注意踩動縫紉機踏板②時，縫紉機會突然動作，這是很危險的。

請在關掉電源后，仍繼續踩動踏板②，直至縫紉機完全停下來爲止。



- 在離開縫紉機臺時，務必請關掉電源。
- 停電時也請務必關掉電源。
- 爲了總是安全地，運轉良好的使用縫紉機，日常的點檢是不可缺少的，請予以注意。



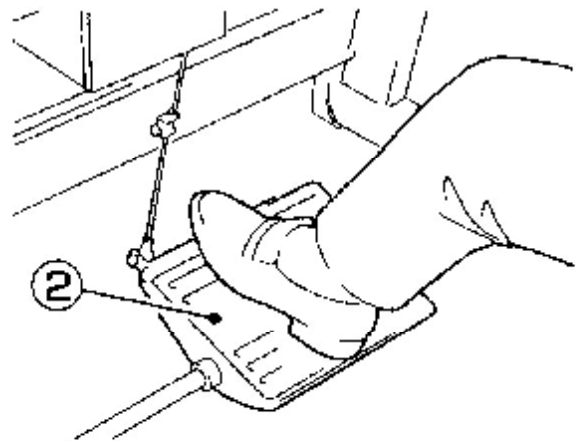
OBSERVE THESE SAFETY PRECAUTIONS

Though Our takes the utmost care to produce safe sewing machines and devices, operators should follow these basic safety rules.

- To prevent accidents, do not remove safety devices or parts while operating the machine.
- Do not leave tools or other unnecessary objects on the machine table while operating the machine.
- Before maintenance, adjusting, cleaning, threading or replacing the needle, and to prevent accidents, be sure the power is turned off. Check that the machine will not operate when the pedal is pressed.

Note

In case a clutch type motor is used, it will keep on rotating by inertia after turning off power supply. ① If the machine pedal ② is stepped on inadvertently, it is dangerous because the machine will move unexpectedly. Keep on stepping on the pedal ② until the machine comes to a stop after turning off power supply.



- Turn the power off before leaving the machine table.
- In the event of a power failure, be sure to turn the machine off.
- Check that the machine is securely grounded.

重要安全事項

此縫紉機在有的國家（設置場所）由於該國的安全規定而被禁止使用。同時，技術服務也同樣被禁止。

1. 使用此縫紉機時，必須遵守包括如下項目的基本安全措施。
2. 使用此縫紉機之前，請閱讀本使用說明書在內的所有指示文件。同時應將此使用說明書妥善保管，以便能夠隨時查閱。
3. 此縫紉機應與貴國的有關安全規定一起使用。
4. 使用此縫紉機和縫紉機動作中，所有的安全裝置應安裝到規定的位置。沒有安裝規定的安全裝置的縫紉機禁止使用。
5. 此縫紉機應由接受過培訓的操作人員來操作。
6. 使用縫紉機時，建議戴安全防護眼鏡。
7. 發生下列情況時，應立即關掉電源開關，或拔下電源線插頭。
 - 7-1 機針、彎針、分離器等穿綫和更換旋梭時。
 - 7-2 更換機針、壓腳、針板、彎針、分離器、送布牙、護針器、支架、布導向器等時。
 - 7-3 修理時。
 - 7-4 工作場所無人了或離開工作場所時。
 - 7-5 使用離合馬達時，請等待馬達完全停止之后再進行。
8. 縫紉機以及附屬裝置使用的機油、潤滑脂等液體流入眼睛或沾到皮膚上時，或被誤飲時，應立即清洗有關部分并去醫院治療。

9. 禁止用手觸摸打開了縫紉機開關通電的零件或裝置。
10. 有關縫紉機的修理、改造、調整應由受過專門訓練的技術人員或專家來進行。
11. 一般的維修保養應由受過訓練的人員來進行。
12. 有關縫紉機的電氣方面的修理、維修應由有資格的電氣技術人員或專家的監督和指導下進行。
13. 修理、保養有關空氣、汽缸等壓縮空氣的零件時，應切斷空氣壓縮機供氣源后再進行。
如有殘留壓縮空氣時，應放掉壓縮空氣。
但，受過相當訓練的技術人員或專家進行有關調整或確認動作時除外。
14. 縫紉機的使用期間應定期進行清掃。

15. 爲了正常安全運轉，應安裝地綫。同時應在不受高頻焊接機等強噪音源影響的環境下使用。
16. 電源插頭應用具有電氣專門知識的人來安裝。電源插頭必須連接到接地插座上。

17. 縫紉機指定用途以外不能使用。
18. 對縫紉機的改造、變更應符合安全規格，并采取有效的安全措施。另外，對於有關改造和變更，本公司概不負責。

19. 本使用說明書上采用以下 2 個警告符號。



有損傷操作人員、維修人員的危險。



安全上需要特別加以注意的事項。

IMPORTANT SAFETY INSTRUCTIONS

Putting sewing systems into operation is prohibited until it has been ascertained that the sewing systems in which these sewing machines will be built into, have conformed with the safety regulations in your country. Technical service for those sewing systems is also prohibited.

1. Observe the basic safety measures, including, but not limited to the following ones, whenever you use the machine.
2. Read all the instructions, including, but not limited to this instruction Manual before you use the machine. In addition, keep this Instruction Manual so that you may read it at anytime when necessary.
3. Use the machine after it has been ascertained that it conforms with safety rules/standards valid in your country.
4. All safety devices must be in position when the machine is ready for work or in operation. The operation without the specified safety devices is not allowed.
5. This machine shall be operated by appropriately-trained operators.
6. For your personal protection, we recommend that you wear safety glasses.
7. For the following, turn off the power switch or disconnect the power plug of the machine from the receptacle.
 - 7-1 For threading needle(s), looper, spreader etc. and replacing bobbin.
 - 7-2 For replacing part(s) of needle, presser foot, throat plate, leeper, spreader, feed dog, needle guard, folder, cloth guide etc.
 - 7-3 For repair work,
 - 7-4 When leaving the working place of when the working place is unattended.
 - 7-5 When using clutch motors without applying brake, it has to be waited until the motor stopped totally.
8. If you should allow oil, grease, etc. used with the machine and devices to come in contact with your eyes or skin or swallow any of such liquid by mistake, immediately wash the contacted areas and consult a medical doctor.

9. Tampering with the live parts and devices, regardless of whether the machine is powered, is prohibited.
10. Repair, remodeling and adjustment works must only be done by appropriately trained technicians or specially skilled personnel. Only spare parts designated by can be used for repairs.
11. General maintenance and inspection works have to be done by appropriately trained personnel
12. Repair and maintenance works of electrical components shall be conducted by qualified electric technicians or under the audit and guidance of specially skilled personnel. Whenever you find a failure of any of electrical components, immediately stop the machine.
13. Before making repair and maintenance works on the machine equipped with pneumatic parts such as an air cylinder, the air compressor has to be detached from the machine and the compressed air supply has to be cut off. Existing residual air pressure after disconnecting the air compressor from the machine has to be expelled. Exceptions to this are only adjustments and performance checks done by appropriately trained technicians or specially skilled personnel.
14. Periodically clean the machine throughout the period of use.

15. Grounding the machine is always necessary for the normal operation of the machine. The machine has to be operated in an environment that is free from strong noise sources such as high-frequency welder.
16. An appropriate power plug has to be attached to the machine by electric technicians. Power plug has to be connected to a grounded receptacle.

17. The machine is only allowed to be used for the purpose intended. Other used are not allowed.
18. Remodel or modify the machine in accordance with the safety rules/standards while taking all the effective safety measures. assumes no responsibility for damage caused by remodeling or modification of the machine.

19. Warning hints are marked with the two shown symbols.





Danger of injury to operator or service staff





Items requiring special attention

爲了安全的使用 JK-8008HF 縫紉機的注意事項

| | |
|--|--|
|  危險 | <ol style="list-style-type: none">1. 爲了防止觸電事故，請不要在接通電源的狀態下打開馬達電氣箱的蓋子或觸摸電氣箱內的零件。2. 變更圖案后，請確認落針位置。萬一圖案突出壓腳，縫制中機針會碰到壓腳，發生危險的斷針事故。3. 機針落下的狀態請不要關閉電源。有可能挑線杆弄斷機針。 |
|  注意 | <ol style="list-style-type: none">1. 爲了防止被卷入的人身事故的發生，繞綫時請確認了機針下沒有障礙物之后再踩起動開關。2. 打開電源、打開準備鍵、打開壓腳開關時，壓腳會自動地下降，爲了防止人身事故的發生，請絕對不要把手指放到壓腳下面。縫紉機運轉中，請不要把手指靠近壓腳。3. 爲了防止手指碰到機針的事故，更換壓腳時，請安裝適合壓腳的手指保護器。 |

FOR SAFE OPERATION OF JK-8008HF

| | |
|---|--|
|  | <ol style="list-style-type: none">1. To avoid electrical shock hazards, neither open the cover of the electrical box for the motor nor touch the components mounted inside the electrical box.2. After changing the pattern, make sure the needle entry point, If the pattern is protruded from the work clamp feet, the needle will interfere with the work clamp feet during sewing, and it is dangerous due to the needle breakage or the link.3. Do not turn OFF the power in a state that the needle is lowered. Wiper may break the needle. |
|  | <ol style="list-style-type: none">1. So as to prevent possible accidents caused by abrupt start of the sewing machine, depress the start switch after ascertaining that there is no interfering thing under the needle when winding the bobbin thread.2. When turning OFF the power switch, turning ON the ready switch or turning ON the work clamp foot switch, the work clamp feet automatically come down. So never place your fingers under the work clamp feet to prevent possible accidents caused by abrupt start of the sewing machine. During operation, be careful not to allow your fingers to come close to the work clamp feet.3. So at to prevent possible accidents caused by the touch of the fingers with the needle, install a finger guard suitable for each work clamp foot when replacing the work clamp foot. |

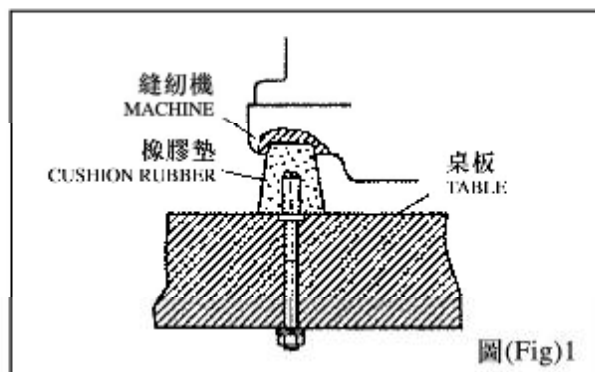
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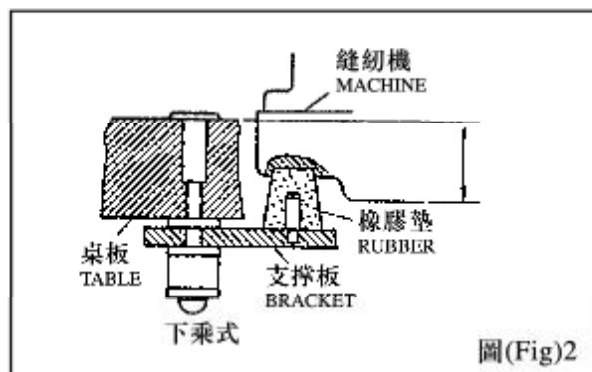
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一、機器如何安裝 / TO INSTALL A MACHINE



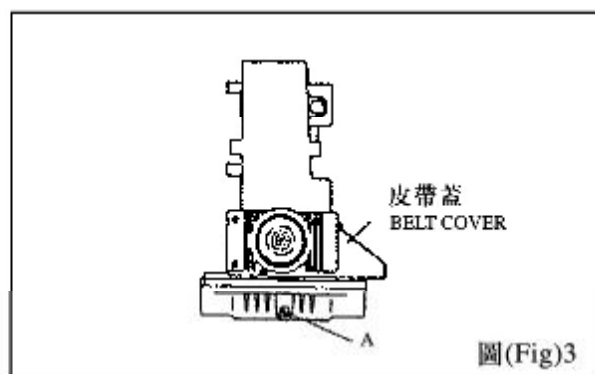
圖(Fig)1

1. 依本機器所附桌板裁制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)。



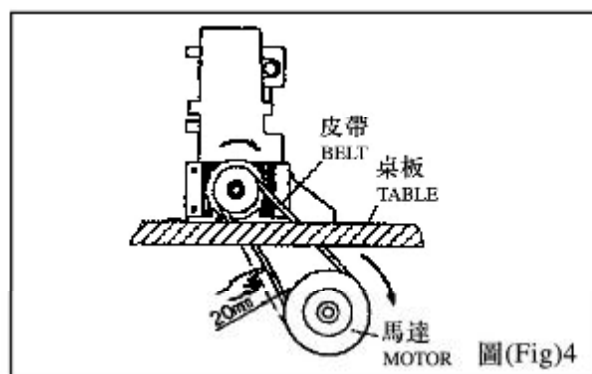
圖(Fig)2

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



圖(Fig)3

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



圖(Fig)4

2. Motor should turn clockwise with proper tension for driving belt. It can be checked by pushing belt inward for 20mm. Please install belt cover properly for safety purpose. (Fig. 3&4)

3. 皮帶蓋及縫合轉速，請參照(表1)。

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)。
- 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。

3. Motor pulley size and sewing speed, please refer to Table 1.

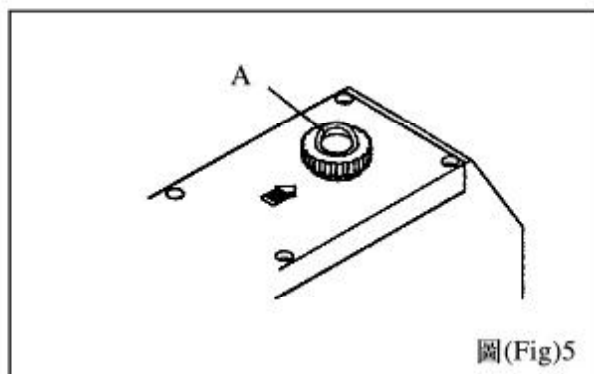
Remarks:

- 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.
- 2). Thickness of Table Top is about 50mm.
- 3). Specification of motor:
Clutch motor 3 phase, 2 poles, 400W (1/2HP).
- 4). Driving Belt: M type, V belt.

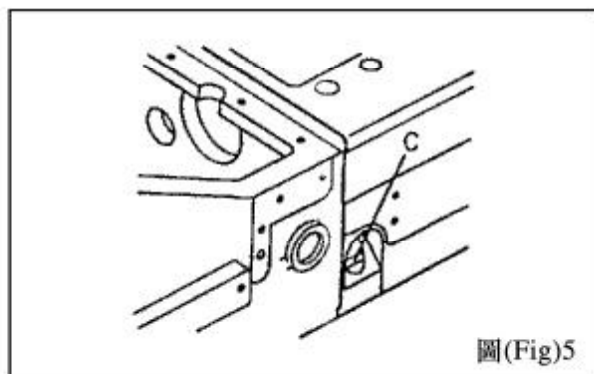
| 轉速 / 分 | 發動機型號 | |
|--------|-------|------|
| | 60HZ | 50HZ |
| 4500 | 90 | 105 |
| 4000 | 80 | 95 |
| 3500 | 70 | 85 |

| S.P.M | Motor Pulley Size (mm) | |
|-------|------------------------|------|
| | 60HZ | 50HZ |
| 4500 | 90 | 105 |
| 4000 | 80 | 95 |
| 3500 | 70 | 85 |

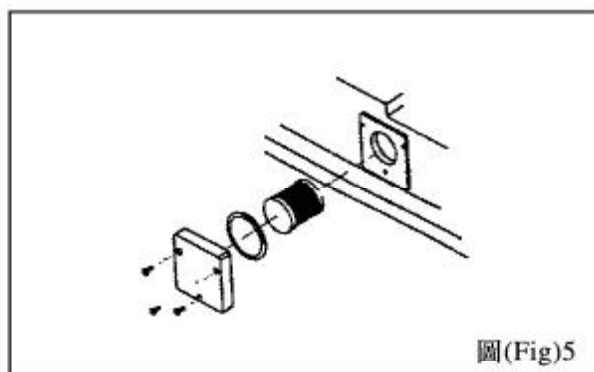
二、潤滑油之注入與更換 / LUBRICANT OIL FILLING AND REPLACEMENT



圖(Fig)5



圖(Fig)5



圖(Fig)5

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。

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 #或ESSO #32等級之潤滑油加入，直至油窗(C)內之油標綫間即可，然后再鎖緊(A)。

2. 潤滑油之更換: (圖3)

- * 將螺絲(A)松開，是使油槽完全排出后再鎖緊。
- * 為延長本機器之壽命，請于開始使用四星期后更換新油，用后約四個月更換一次。

3. 濾油器之更換(圖7)

- * 本機器特別裝有濾油器，約每使用一個月后應卸下清洗，必要時得更換新品。

Machine chamber is empty with no oil. Please fill lubricant oil into new machines before running.

1. To fill lubricant oil: (Fig.5&6)

- * Loosen Knob (A), fill in with lubricant oil or its equivalent such as Mobil #10 or Esso 332. Please fill the oil up between two level lines on oil Indicator (C) and tighten knob up.

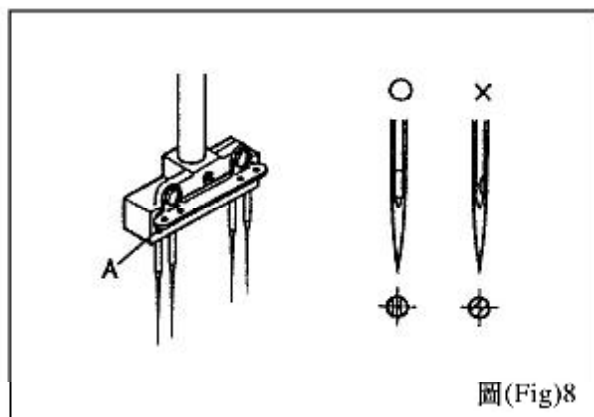
2. To replace lubricant oil: (Fig.3)

- * Loosen Knob (A), drain oil from the oil tank & tighten it up.
- * For smoothing machine, please replace lubricant oil after the first 4 weeks operation. There after, replace oil every 4 months.

3. To replace oil filter: (Fig.7)

- * Take filter outs and cleans up very month. Replace with new filters if necessary.

三、針之更換 / TO REPLACE NEEDLES



圖(Fig)8

選用針之規格與尺寸請參照(表2)

1. 旋松螺絲(A)并取下針。(圖8)

2. 將新針插入針座之針孔至最底端，并使針之最長溝面向自己。

3. 重新鎖緊螺釘(A)。

4. 如果針安裝不正確，不但會引起跳針，斷綫還會損壞勾針，務必注意。

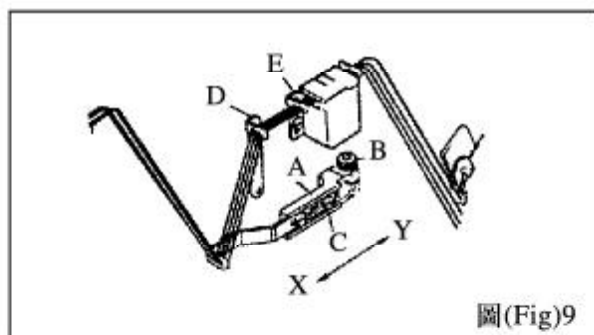
- * Please refer to Table 2 for proper needle sizes.

1. Loosen Screw (A) and take out the used needle. (Fig.8)

| 表2 (Table2) | | |
|------------------------------|----------------------|---------------------|
| 布料種類 Type of Fabric | 針規格 Needle System | 針耗 Needle Size |
| 薄-中厚布料 Fine-Medium | UY128GAS | #80-#110 #12-#18 |
| 厚-極厚不布料 Heavy-Extra Heavy | TV*5 | #130 S21 |

- Put new needle into needle clamp holes as far as they can go. The groove of needle should be on itself.
- Tighten Screw (A).
- Improper needle setting will cause skipping stitches, breaking threads, and damaging loopers. Please pay attention to needle installation.

四、穿綫之方法 / THREADING



圖(Fig)9

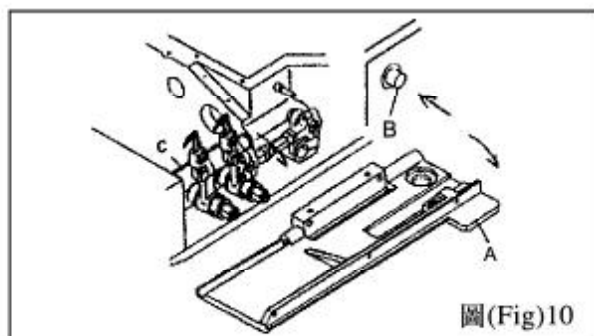
- 請確實按照圖示之穿綫，錯誤之穿綫將引起斷綫，跳針或車縫不平坦等現象，請參照穿綫第6頁。
- 在穿勾針綫時，打開前蓋(A)旋轉手輪，將針轉至高點后在將勾針座心控制壓扭(B)沿箭頭方向壓入，使勾針心軸與帶動運杆分離，然後將勾針座位(C)向前扳出，即可進行穿綫。(圖9)

- For needle threading, please thread carefully as threading Page 6.

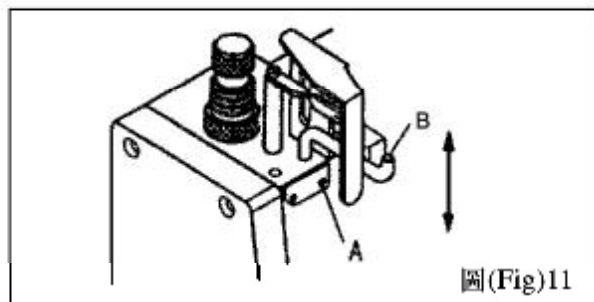
Please note: improper threading will cause breaking threads, skipping stitches, and/or undesired sewing.

- For looper threading, open front cover (A), turn handle wheel till needles at the highest point and press (B) as illustrated to let the looper base separate from the connecting rod then move (C) forward and proceed to threading. (Fig.9)

五、控綫之調整 / THREAD TENSION ADJUSTMENT



圖(Fig)10



圖(Fig)11

- 控綫強弱必須根據車縫布料種類、厚薄、綫及縫距等不同而做不同之調整做不同之調整(圖9)。
- 將控綫鈕順時針方向旋轉時綫越緊張力越大；反之則越松綫張力越小；張力超過規格強度時將會引起斷綫和跳針現象。
- 調整綫張力依據使用之綫與布面不同，例如：
需調整較大之綫張力 - 厚布或棉綫
需調整較小之綫張力 - 薄布或伸縮尼龍綫
- 針控綫杆之調整(圖11)
針綫控綫杆(B)依縫綫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綫時將(B)上移動，則針孔處之綫環就會變大，以利勾綫。
- 轉動手輪使針棒位于最底位置時，針綫控制杆(A)必須成水平狀態，必要時要放鬆螺絲(B)調整之。(圖9)

6. 針線控制杆之調整(圖9)

- (1) 將螺絲(C)松開，左右移動至適當距離。
- (2) 欲將針線調松時，將控線杆(A)往X方移動，反之則往Y方移動。
- (3) 控線片(D)(E)上下調整亦有同調整(A)控線杆之效果。

1. Thread tension should be adjusted in according to fabrics, thickness of fabrics, material, thread used and stitch length etc. (Fig.9)

2. Turn thread-knob clockwise for increasing thread tension and vice versa. It will be thread breaking & skipping if the thread tension excess standard.

3. Adjust the tension of thread according to the kind of thread and fabrics, Ex:

Increasing thread tension Heavy weight fabric or Cotton thread.

Decreasing thread tension Light weight fabric Elastic Nylon thread.

4. Take-up lever adjustment (Fig.11)

The position of 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 and vice versa.

5. Turn handle wheel till needle at its lowest location, needle tension post (A) could be horizontal by loosen screw (B) to adjust it if necessary. (Fig 9)

6. The procedures for adjusting of needle tension post:(Fig.9)

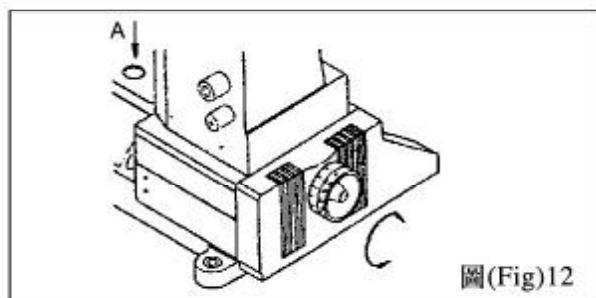
- (1) Loosen Screw (C), move to left or right till a desired position.
- (2) To loosen thread, move tension post (A) toward direction X, opposite direction Y to tighten thread.
- (3) By moving thread tension (D) & (E) up and down has similar effect as needle tension post (A).

六、縫距之調整 / STITCH LENGTH ADJUSTMENT

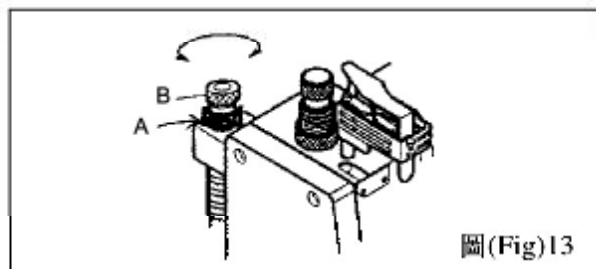
首先確認馬達需關掉，然後壓下縫距調整按鈕(A)，並轉動皮帶輪，會感覺卡一聲，即按鈕卡住針距調整組，再轉動皮帶輪至所需之縫距欲調長縫距時，將皮帶輪往順時針方向旋轉，反之則小，再放開此按鈕。(圖12)

Be sure to turn off motor before adjust, 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, turn pulley clockwise for longer stitch length, vice versa, Then, release the button. (Fig12)

七、壓腳壓力之調整 / ADJUSTING THE PRESSURE OF PRESSER FOOT



圖(Fig)12



圖(Fig)13

在布料推送順暢且縫合完美之情況下，押具壓力盡量輕些。

* 松開螺母(A)，轉工螺絲(B)，調整其適當壓力后在鎖緊螺母(A)。(圖13)

* 順時針調整則壓力加強，反之則減少。

Pressure of the presser Foot should be as light as possible, in case of cloth can be feeded and sewed smoothly.

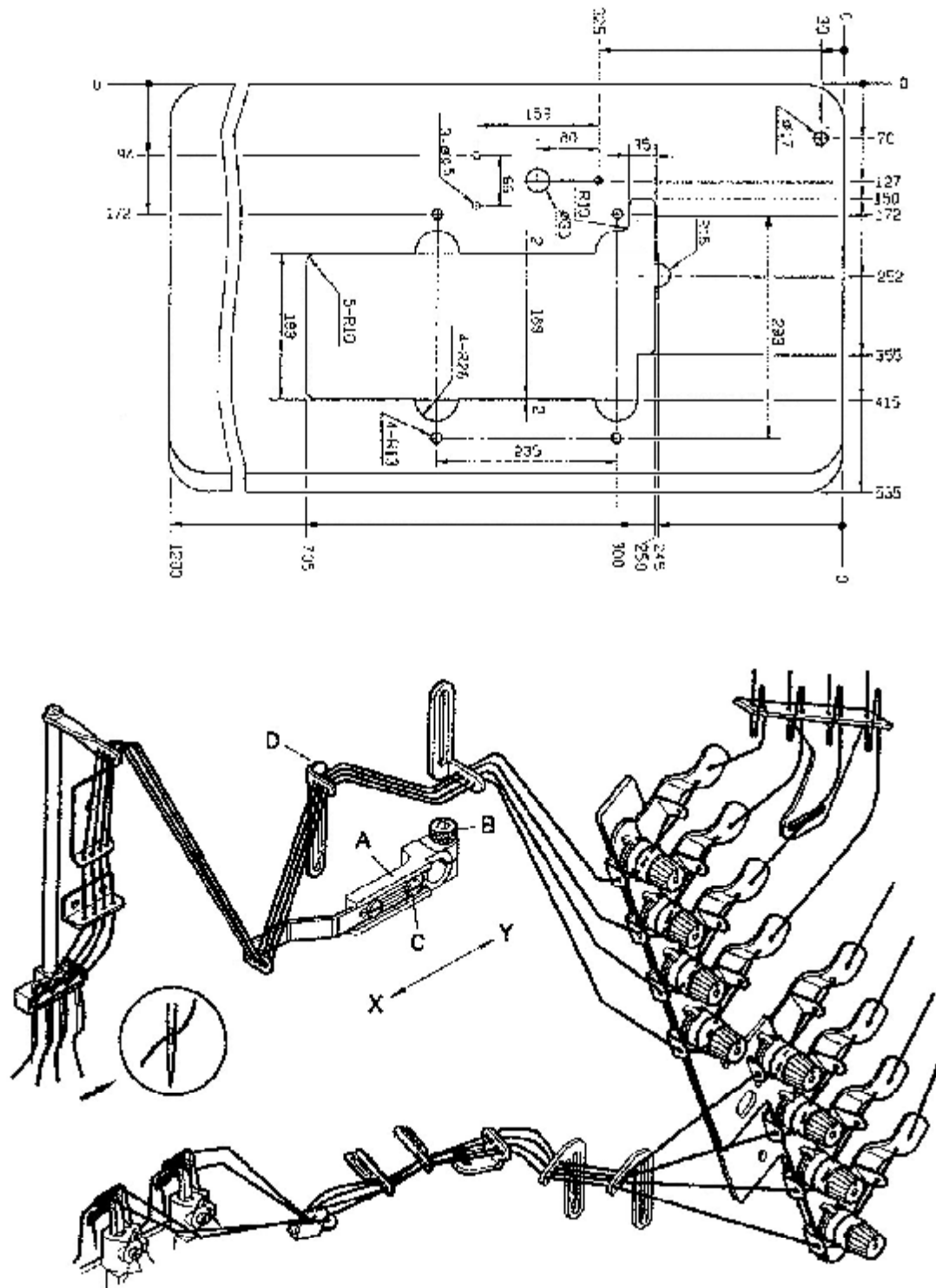
* Loosen Nut (A), turn Screw (B) to adjust to proper pressure, then tighten nut (A). (Fig.13)

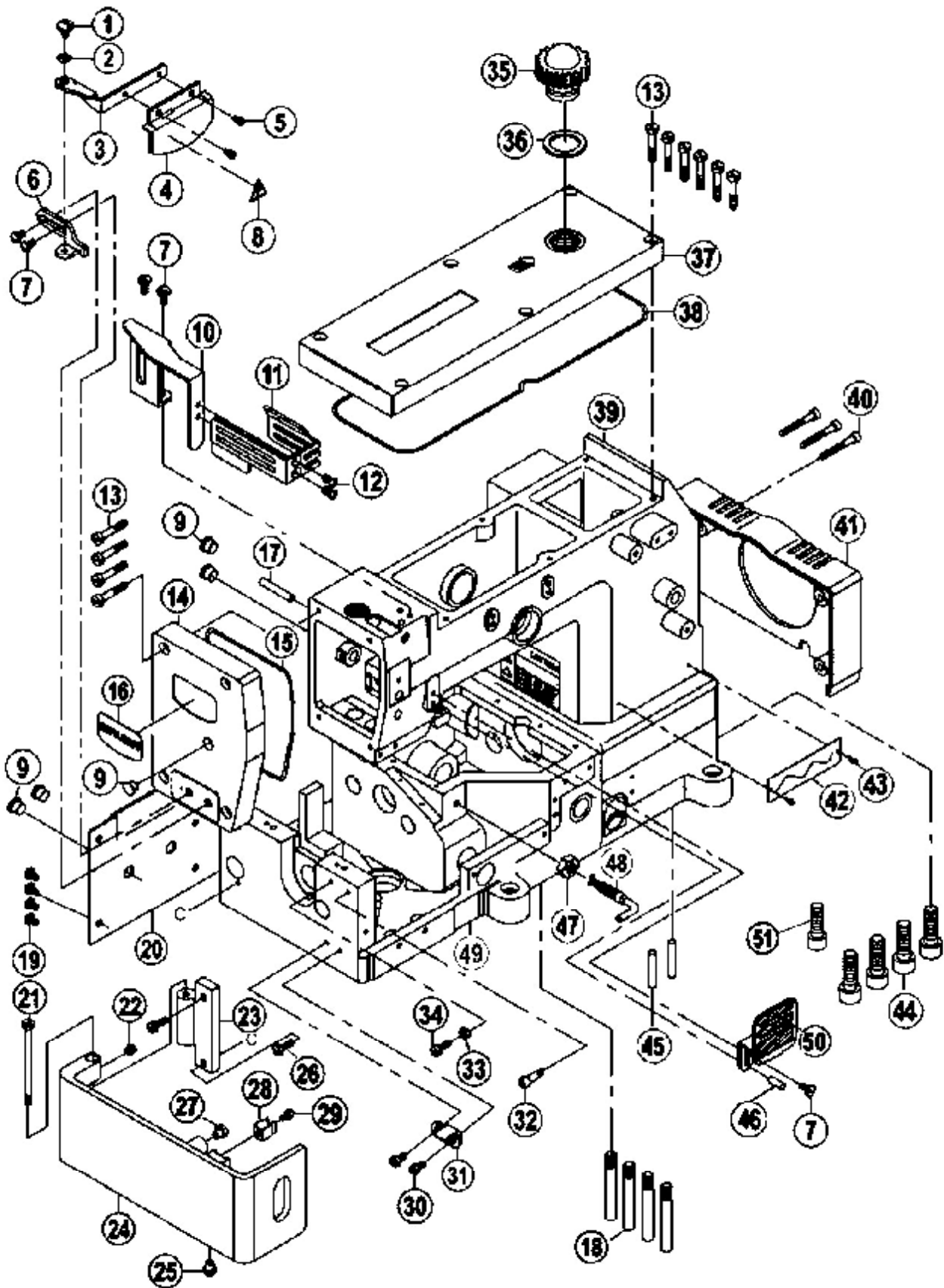
* Adjust clockwise to increase pressure, opposite to decrease.

TABLE CUT-OUT-JK- 8008HF

THREADING DIAGRAM

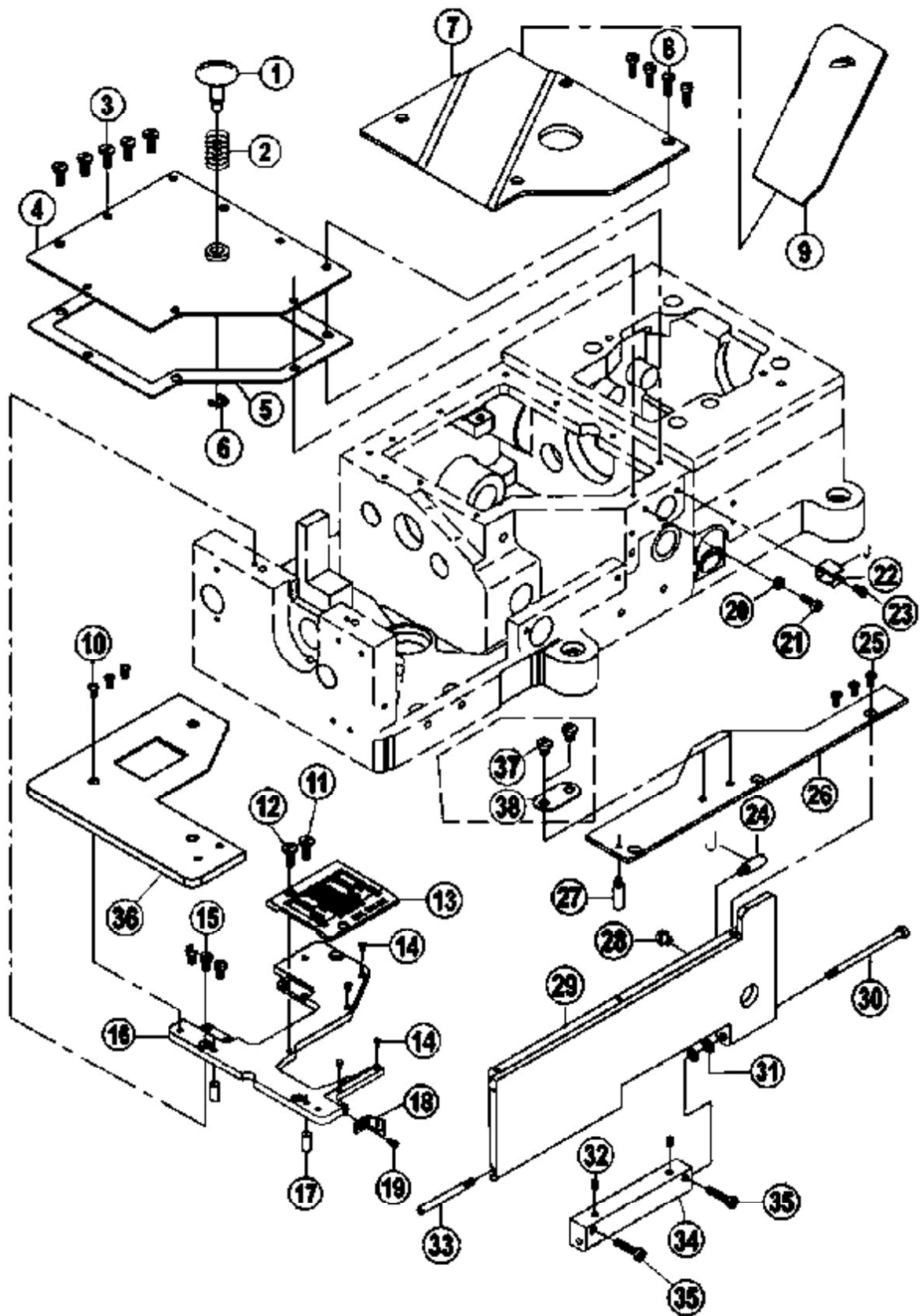
單位 / UNIT:MM
所有尺寸公差 / DIFFERENCE: ± 2





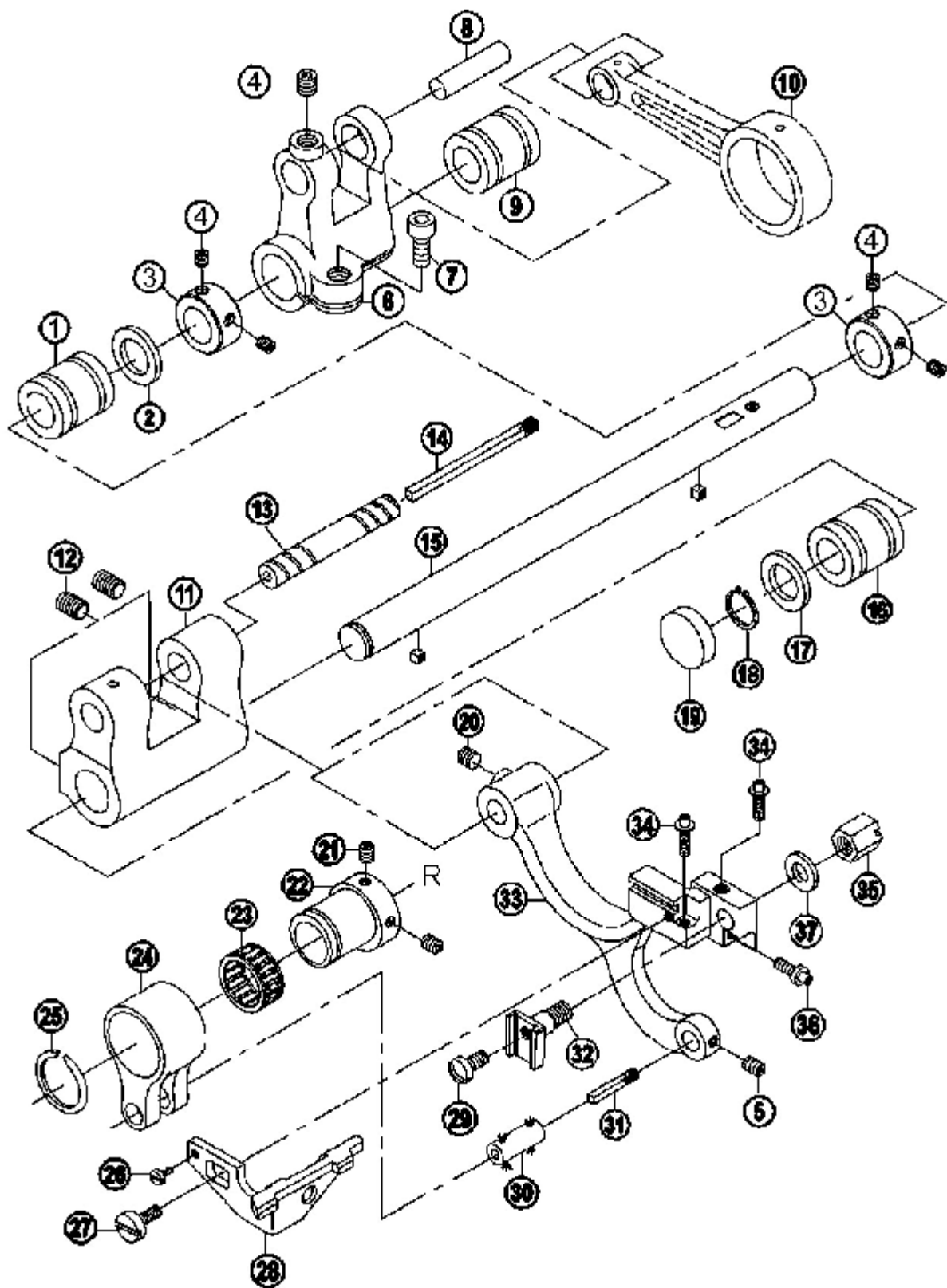
一、機殼部件 / Frane assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number 4針64 |
|----------|-----------------|----------------------|----------------|----------------------|-------------------|
| 1 | 305S20001 | SM49E | 螺釘 | Screw | 1 |
| 2 | 30528001 | KP60 | 波形墊片 | Washer | 1 |
| 3 | 30512001 | MA80 | 防護組件 | Eye Guide assy. | 1 |
| 4 | 30511001 | MA83 | 防護組件 | Eye Guide assy. | 1 |
| 5 | S04016 | SM132 | 螺釘M3.5 × 6 | Screw | 2 |
| 6 | 30512002 | MA79 | 支架 | Holder | 1 |
| 7 | S01057 | SM438 | 螺釘M4 × 15 | Screw | 5 |
| 8 | 30537001 | MA84 | 商標 | Brand | 1 |
| 9 | 30522001 | KH48 | 橡膠件 | Plug | 5 |
| 10 | 300215 | VA19P | 針杆護罩(噴漆) | Needle Bar Eye Guide | 1 |
| 11 | 300216 | MA82 | 防護罩(噴漆) | Eye Guide | 1 |
| 12 | S02012 | SM152 | 螺釘M3 × 2 | Screw | 2 |
| 13 | S01057 | SM44B | 螺釘M4 × 15 | Screw | 4 |
| 14 | 300217 | VA05 | 機頭左蓋 | Left Cover | 1 |
| 15 | 30522002 | VA04 | 密封圈 | Sticker | 1 |
| 16 | 30337001 | MA06E | 商標 | Brand | 1 |
| 17 | 30526001 | PM404 | 定位銷 | Pin | 1 |
| 18 | 305S20003 | SM670 | 螺釘 | Screw | 4 |
| 19 | S01010 | SM431 | 螺釘M4 × 8 | Screw | 4 |
| 20 | 300596 | HA06 | 擋板(噴漆) | Plate | 1 |
| 21 | 306S20001 | SM44C | 螺釘 | Screw | 1 |
| 22 | 305S14001 | SM401 | 螺釘 | Screw | 1 |
| 23 | 30601001 | HA02 | 固定座 | Root Seat | 1 |
| 24 | 300593 | HA03 | 下側蓋組件 | Lower Cover assy | 1 |
| 25 | Nut | KB05 | 橡皮塞 | Plug | 1 |
| 26 | S01010 | SM438 | 螺釘M4 × 8 | Screw | 2 |
| 27 | 30622001 | KB05 | 橡皮塞 | Plug | 1 |
| 28 | 30612002 | MA19 | 卡扣 | Screw | 1 |
| 29 | S01027 | SM132 | 螺釘M3 × 6 | Screw | 1 |
| 30 | S01010 | SM433 | 螺釘M4 × 8 | Screw | 1 |
| 31 | 30612003 | HA04 | 卡扣 | Ka Ko | 1 |
| 32 | 306S30001 | SM488 | 球頭螺釘 | Screw | 1 |
| 33 | N01001 | NM410 | 螺母M4 | Nut | 1 |
| 34 | S01010 | SM438 | 螺釘M4 × 8 | Screw | 1 |
| 35 | 20111005 | KC57 | 油窗蓋 | Oil Sight Window | 1 |
| 36 | 20122018 | KC58 | 油封 | Oil Seal | 1 |
| 37 | 30501003 | VA02 | 上蓋 | Top Cover | 1 |
| 38 | 30522024 | VA03 | 油封 | Oil Seal | 1 |
| 39 | 30501004 | VA08 | 機頭上節 | Upper Machine | 1 |
| 40 | 305S12002 | SM417 | 螺釘 | Screw | 3 |
| 41 | 30511002 | VA23 | 帶輪蓋 | Belt Cover Assy. | 1 |
| 42 | 30537003 | VA26 | 商標 | Brand | 1 |
| 43 | R03001 | KA33 | 鏰釘2.5*4 | Screw | 2 |
| 44 | S05036 | SM910 | 螺釘M10 × 30 | Screw | 4 |
| 45 | P03024 | PM510 | 定位銷 φ 5 × 28.5 | Pin | 2 |
| 46 | P03025 | PM413 | 定位銷 φ 4 × 12 | Pin | 1 |
| 47 | 306S16001 | NK46 | 螺母M6 | Nut | 1 |
| 48 | 30636001 | HA16 | 油嘴 | Tube | 1 |
| 49 | 30601003 | HA01 | 機殼下節 | Lower Machine | 1 |
| 50 | 30512005 | VA06 | 防護板 | Eye Guide Plate | 1 |
| 51 | S05007 | ----- | 螺釘M8 × 20 | Screw | 1 |



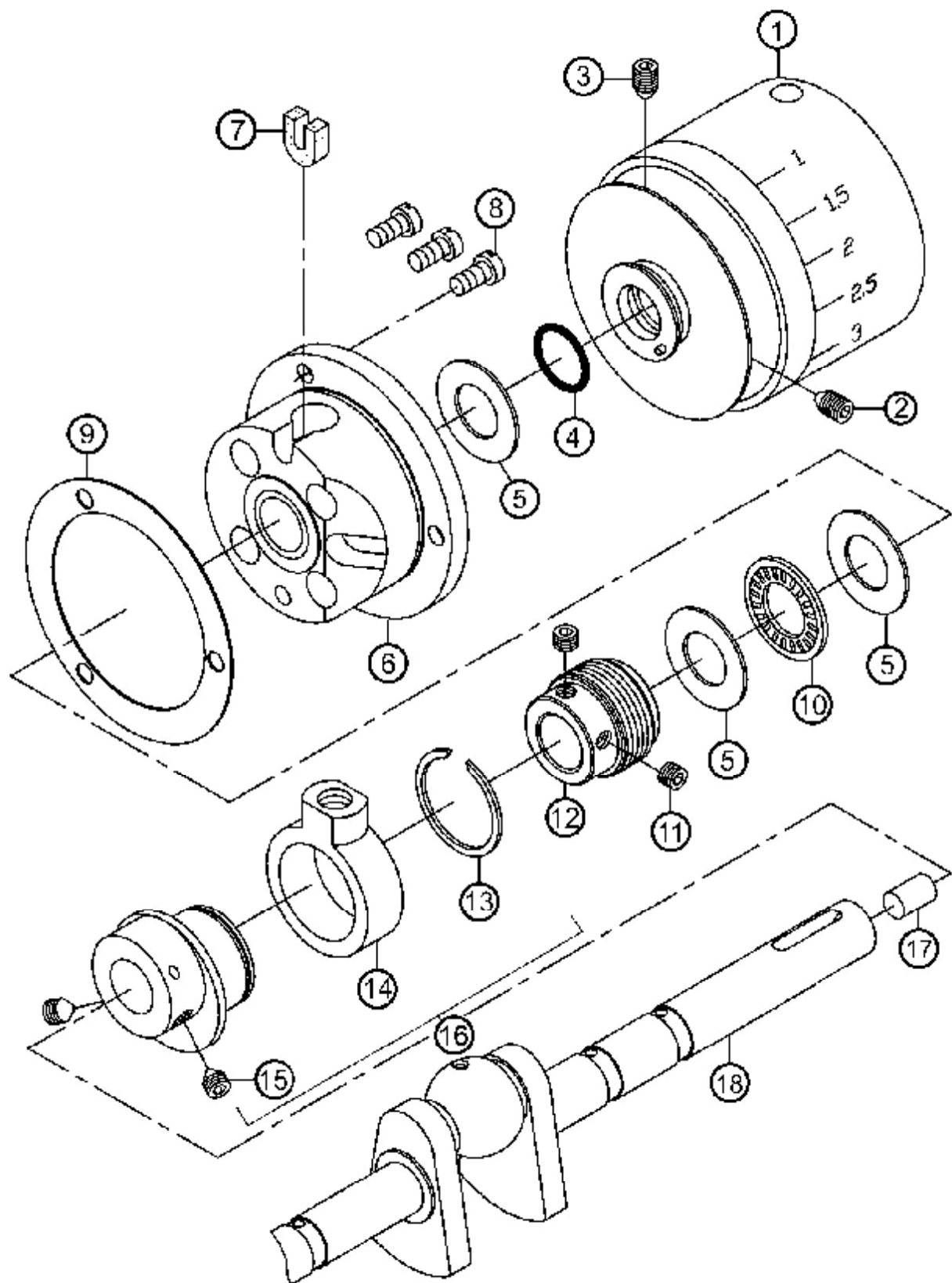
二、蓋板部件 / Frane assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|------------------|----------------|-----------|
| | | | | | 4針64 |
| 1 | 30502001 | VB04 | 針距調節按鈕 | Button | 1 |
| 2 | 30527001 | VB03 | 調節彈簧 | Spring | 1 |
| 3 | 305S11016 | SM433 | 螺釘M4 × 10 | Screw | 5 |
| 4 | 3061200400 | HA14 | 蓋板組件 | Cover Assembly | 1 |
| 5 | 30622002 | HA13 | 紙墊 | Washer | 1 |
| 6 | H05003 | EM050 | 擋圈5 | Collet | 1 |
| 7 | 30612006 | HA12 | 蓋板 | Cover | 1 |
| 8 | S01003 | SM438 | 螺釘M4 × 12 | Screw | 4 |
| 9 | 30612007 | HA11 | 推板 | Cover | 1 |
| 10 | S03002 | SM460 | 螺釘M4 × 3.5 | Screw | 3 |
| 11 | 305S17001 | SM162 | 閉槽半沉頭螺釘 | Screw | 1 |
| 12 | 305S17001 | SM160 | 螺釘 | Screw | 1 |
| 13 | 30615001 | E8 × × × | 針板 | Needle Plate | 1 |
| 14 | 30622003 | KH77 | 減震橡皮墊 | Washer | 4 |
| 15 | 30612005 | HA14 | 蓋板 | Cover | 1 |
| 16 | 30612008 | HA07 | 針板墊塊 | Bracket | 1 |
| 17 | P01006 | PM502 | 銷5 × 10 | Pin | 2 |
| 18 | 30612009 | MA47 | 前蓋板卡扣 | Screw | 1 |
| 19 | 306S11004 | SM031 | 螺釘 | Screw | 1 |
| 20 | N01001 | NM410 | 螺母M4 | Nut | 1 |
| 21 | S01010 | SM438 | 螺釘M4 × 8 | Screw | 3 |
| 22 | 30612002 | MA19 | 卡扣 | Ka Ko | 1 |
| 23 | S01027 | SM132 | 螺釘M3 × 6 | Screw | 1 |
| 24 | 306S30002 | SM473 | 螺釘 | Screw | 1 |
| 25 | 306S20004 | SM150 | 螺釘 | Screw | 3 |
| 26 | 30612010 | HA08 | 前蓋板(噴漆) | Side Cover | 1 |
| 27 | 306S30003 | SM471 | 螺釘 | Screw | 1 |
| 28 | 30622001 | KB05 | 橡皮塞 | Plug | 1 |
| 29 | 30601004 | HA09 | 前蓋板 | Cover | 1 |
| 30 | 306S20005 | SM445 | 螺釘 | Screw | 1 |
| 31 | 30528001 | KP60 | 墊片 | Washer | 1 |
| 32 | 305S14001 | SM404 | 螺釘 | Screw | 2 |
| 33 | 306S30004 | SM476 | 螺釘 | Screw | 1 |
| 34 | 30601005 | HA05 | 固定塊 | slider | 1 |
| 35 | S01057 | SM439 | 螺釘M4 × 15 | Screw | 2 |
| 36 | 300595 | HA10 | 蓋板 | Cover | 1 |
| 37 | S01060 | SM630 | 螺釘M6 × 10 | Screw | 2 |
| 38 | 40128013 | WM500 | 墊圈6.5 × 13 × 0.8 | Washer | 2 |



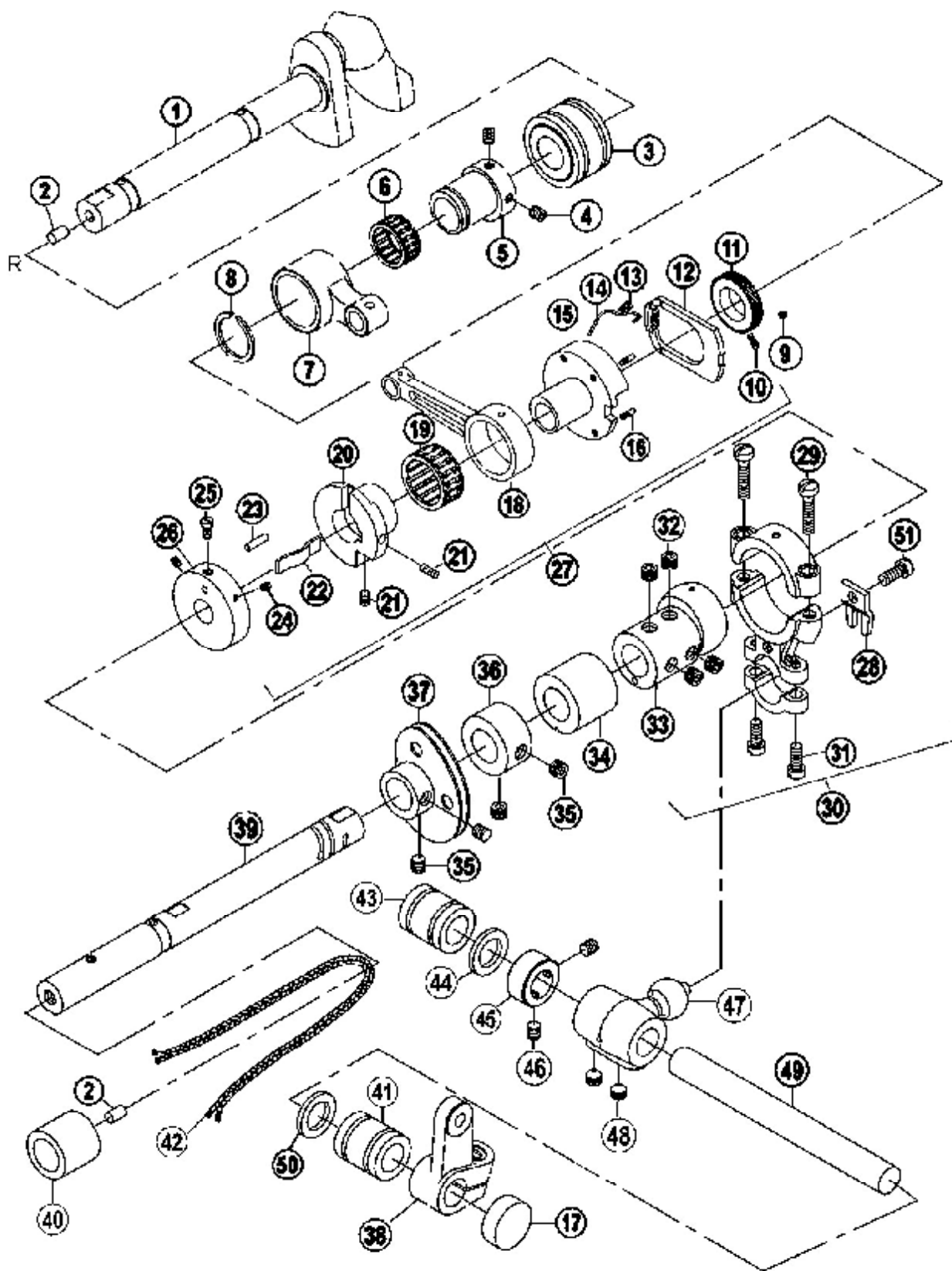
三、送料部件 / Feed assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|------------------|--------------|-----------|
| | | | | | 4針64 |
| 1 | 30503005 | VC01 | 銅套 | Bushing | 4 |
| 2 | 20128031 | CL13 | 墊片 | Washer | 1 |
| 3 | 30508001 | MH73 | 擋圈 | Ring | 2 |
| 4 | S09008 | SM502 | 螺釘M5 × 5 | Screw | 4 |
| 5 | 305S14003 | SM184 | 螺釘 | Screw | 1 |
| 6 | 30604001 | MH56E | 曲柄 | Crank | 1 |
| 7 | 305S13005 | SM612 | 螺釘M6 × 0.75 × 15 | Screw | 1 |
| 8 | 30626001 | MH60 | 銷子 | Pin | 1 |
| 9 | 30503002 | VC09 | 銅套 | Bushing | 1 |
| 10 | 30605003 | HD05 | 連杆 | Link | 1 |
| 11 | 30604002 | HC02 | 曲柄 | Crank | 1 |
| 12 | 305S14007 | SM600 | 螺釘M6 × 8 | Screw | 2 |
| 13 | 30626002 | HC05 | 銷子 | pin | 1 |
| 14 | 30123015 | HC05-1 | 油綫 | Oil Wick | 1 |
| 15 | 30602001 | HC04 | 送料軸 | Shaft | 4 |
| 16 | 30503005 | VC01 | 銅套 | Bushing | 1 |
| 17 | 20128031 | KR14 | 墊片 | Washer | 1 |
| 18 | H04001 | EM123 | 擋圈12 | Ring | 1 |
| 19 | 30622007 | VC16 | 油封 | Oil Seal | 1 |
| 20 | 201S14002 | SM502 | 螺釘M5 × 5 | Screw | 1 |
| 21 | 201S14002 | SK270-2 | 螺釘 | Screw | 1 |
| 22 | 30510001 | VC25 | 偏心凸輪 | Eccent | 1 |
| 23 | 30524001 | VC24 | 軸承 | Bearing | 1 |
| 24 | 30605001 | HE02 | 連杆 | Eccent | 1 |
| 25 | 30508004 | VC23 | 卡簧 | Spring | 1 |
| 26 | 306S15001 | SK219 | 螺釘 | Screw | 1 |
| 27 | 306S11001 | SK573 | 一字螺釘 | Screw | 2 |
| 28 | 30617001 | HC15 | 護針 | Needle Guard | 1 |
| 29 | 306S10001 | SK257 | 螺釘 | Screw | 1 |
| 30 | 30526008 | VE02 | 銷子 | Pin | 4 |
| 31 | 30123015 | VC11 | 油綫 | Oil Wick | 1 |
| 32 | 30609003 | HC12 | 牙齒連接槽 | Slider | 2 |
| 33 | 30606001 | HC11 | 牙架 | Feed | 1 |
| 34 | 306S30005 | SK571 | 螺釘 | Screw | 2 |
| 35 | 306S16004 | NM613 | 一字六角螺母 | Nut | 1 |
| 36 | 306S30006 | SK570 | 螺釘 | Screw | 1 |
| 37 | 41228024 | WM600 | 墊片 | Washer | 1 |



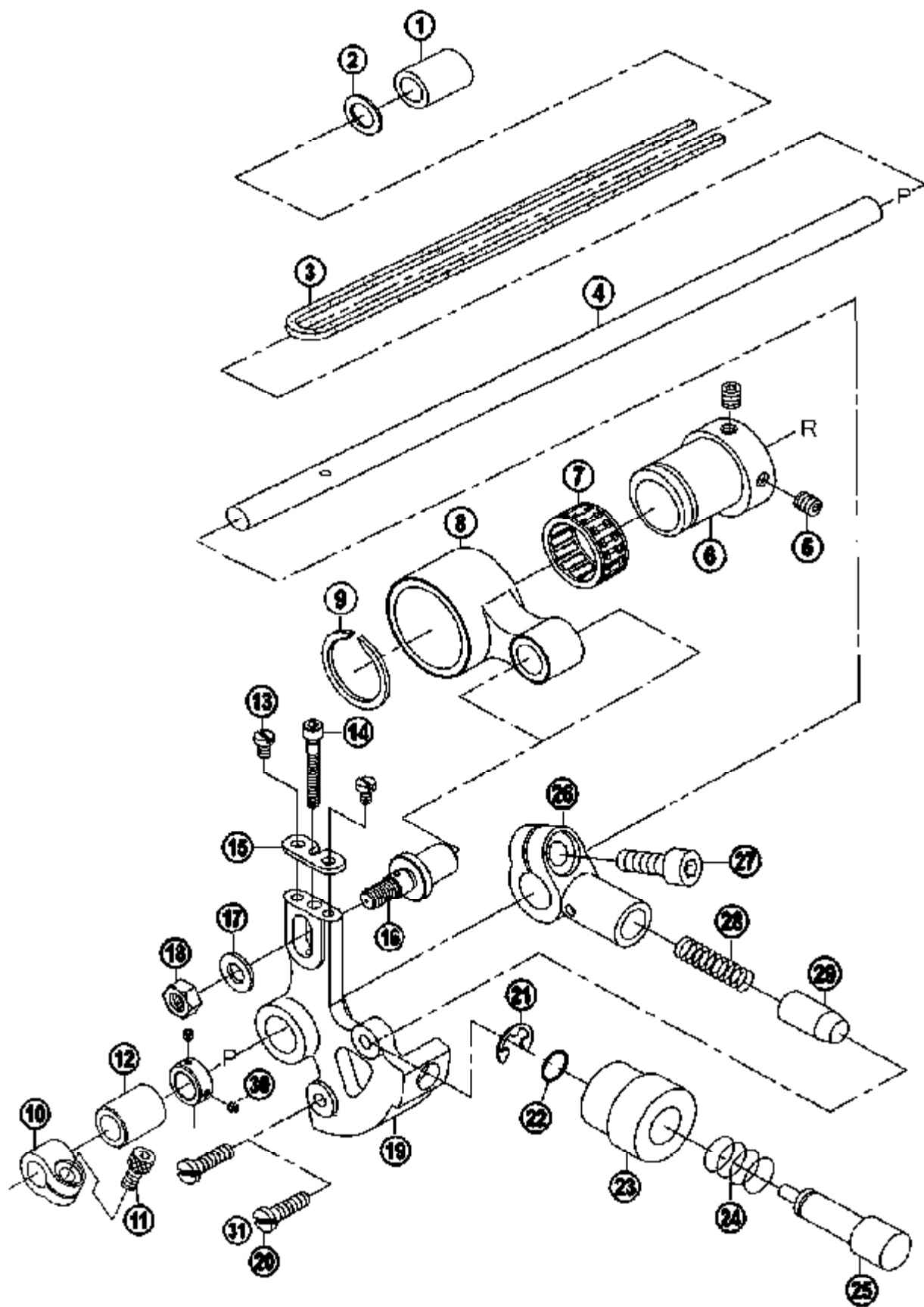
四、主軸部件 / Crankshaft Drive assemblies

| 序 號 NO | 件 號 Parts No. | 參 考 件 號 Ref.Part.No. | 名 稱 | Description | 數量/Number |
|-----------|------------------|-------------------------|-----------|-----------------|-----------|
| | | | | | 4針64 |
| 1 | 30535001 | VD01 | 皮帶輪 | Machine Pulley | 1 |
| 2 | S09007 | SM603 | 螺釘M6 × 8 | Screw | 1 |
| 3 | S09007 | SM604 | 螺釘M6 × 8 | Screw | 1 |
| 4 | 30522020 | MD25 | 油封 | Oil Seal | 1 |
| 5 | 30528003 | VD03-2 | 墊片 | Washer | 3 |
| 6 | 3050300600 | VD02 | 軸承蓋 | Bearing Cover | 1 |
| 7 | 30523006 | VD02-2 | 油棉 | Felt | 1 |
| 8 | S01011 | SM532 | 螺釘M5 × 10 | Screw | 3 |
| 9 | 30522008 | VD05 | 紙墊 | Washer | 1 |
| 10 | 30524002 | VD03-1 | 平面滾針軸承 | Bearing | 1 |
| 11 | S09010 | SM602 | 螺釘M6 × 5 | Screw | 2 |
| 12 | 30525001 | VD04 | 蠟杆 | Needle bar | 1 |
| 13 | 30508008 | VCL03 | 卡簧 | Spring | 1 |
| 14 | 3051001100 | VCL02D | 連杆組件 | Rod Assembly | 1 |
| 15 | S09002 | SM606 | 螺釘 | Screw | 5 |
| 16 | 3051001100 | ----- | 偏心輪組件 | Eccent Assembly | 1 |
| 17 | 30526004 | VD07-1 | 鉛堵頭 | Pin | 1 |
| 18 | 30602002 | HD13 | 主軸 | Shaft | 1 |



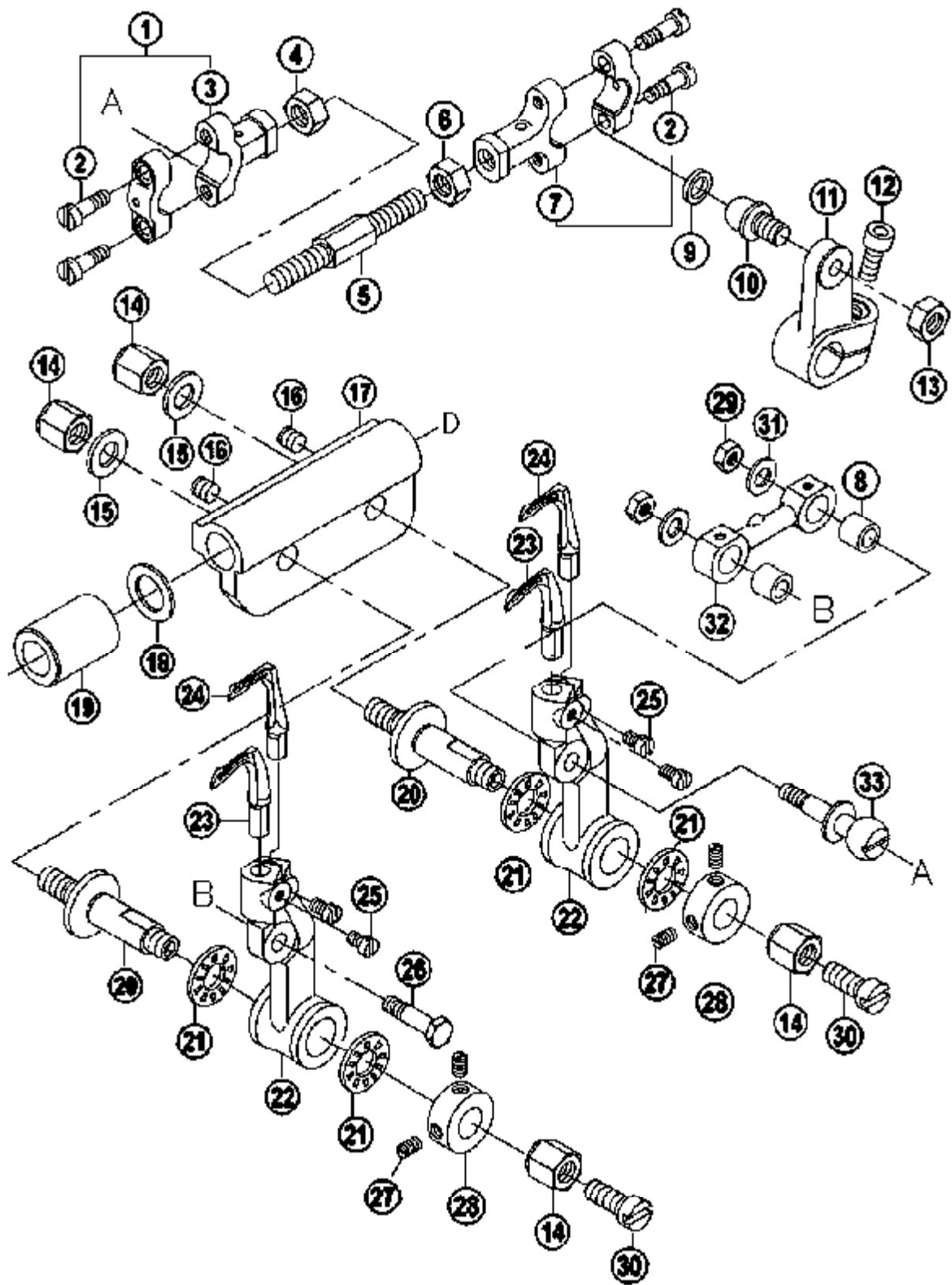
五、前主軸部件 / Shaft assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|-----------------|----------------|-----------|
| | | | | | 4針64 |
| 1 | 30602002 | HD13 | 主軸 | Shaft | 1 |
| 2 | 30526004 | VD07-1 | 鉛堵頭 | Pin | 2 |
| 3 | 30603004 | HD16 | 銅套 | Bushing | 1 |
| 4 | 201S14002 | SK270 | 螺釘 | Screw | 2 |
| 5 | 30510001 | VC25 | 偏心凸輪 | Eccent | 1 |
| 6 | 30524001 | VC24 | 軸承 | Bushing | 1 |
| 7 | 30605002 | HE19 | 連杆 | Link | 1 |
| 8 | 30508004 | VC23 | 卡簧 | Spring | 1 |
| 9 | 305S14009 | ----- | 螺釘 SM9/64 × 40 | Screw | 1 |
| 10 | 305S14010 | ----- | 螺釘 SM9/64 × 40 | Screw | 1 |
| 11 | 30525015 | VD46 | 齒輪 | Gear Wheel | 1 |
| 12 | 30509020 | KP74 | 針距調節滑塊 | Ratchet | 1 |
| 13 | S01024 | ----- | 送布組件彈簧螺釘M3 | Screw | 1 |
| 14 | 30527011 | ----- | 送布組件上彈簧 | Spring | 1 |
| 15 | 30510018 | VD43 | 針距凸輪 | Cam | 1 |
| 16 | S07001 | ----- | 螺釘 M3 × 8.2 | Screw | 2 |
| 17 | 30522011 | NQ21 | 油封 | Oil Seal | 1 |
| 18 | 30605003 | HD05 | 連杆 | Link | 1 |
| 19 | 30524005 | ----- | 滾針軸承 | Bearing | 1 |
| 20 | 30510017 | VD44 | 送布凸輪 | Cam | 1 |
| 21 | 305S15 | SK817 | 螺釘 | Screw | 2 |
| 22 | 30508010 | ----- | 送布凸輪簧 | Spring | 1 |
| 23 | 30526030 | KP18-1 | 銷子 | Pin | 1 |
| 24 | 305S14001 | ----- | 螺釘 SM11/64 × 40 | Screw | 2 |
| 25 | 305S11020 | SM107 | 螺釘 | Screw | 1 |
| 26 | 30510016 | VD47 | 送布固定輪 | Deliver Wheel | 1 |
| 27 | 3060900500 | ----- | 送布組件 | Cam | 1 |
| 28 | 30609002 | VF22E | 定位導向叉 | Washer | 1 |
| 29 | S01011 | SK278 | 螺釘M5 × 10 | Screw | 2 |
| 30 | 3060500800 | ----- | 曲柄球組件 | Crank Assembly | 1 |
| 31 | 305S11006 | SK277 | 螺釘 | Screw | 2 |
| 32 | S09010 | SM602 | 螺釘M6 × 5 | Screw | 4 |
| 33 | 30603005 | HD12 | 曲柄球 | Crank | 1 |
| 34 | 30503010 | HD17 | 銅套 | Bushing | 1 |
| 35 | S10014 | SM501 | 螺釘M5 × 4 | Screw | 2 |
| 36 | 30508007 | VCL11 | 擋圈 | Ring | 1 |
| 37 | 3061300100 | HD07 | 打綫凸輪組件 | Cam Assembly | 1 |
| 38 | 30604006 | HE13 | 曲柄 | Crank | 1 |
| 39 | 30602003 | HD01 | 前主軸 | Shaft | 1 |
| 40 | 30603006 | HD15 | 銅套 | Bushing | 1 |
| 41 | 30503005 | VC01 | 銅套 | Bushing | 1 |
| 42 | 30123015 | HD01-1 | 油綫 | Oil Wick | 1 |
| 43 | 30503005 | VC01 | 銅套 | Bushing | 1 |
| 44 | 20128031 | CL13 | 墊片 | Washer | 1 |
| 45 | 30508001 | MH73 | 擋圈 | Ring | 1 |
| 46 | S10014 | SM502 | 螺釘M5 × 4 | Screw | 2 |
| 47 | 30604003 | HD14 | 曲柄球 | Crank | 1 |
| 48 | 305S14006 | SM601 | 螺釘M6 × 9 | Screw | 2 |
| 49 | 30602004 | HD20 | 下橫軸 | Shaft | 1 |
| 50 | 20128031 | CL13 | 墊片 | washer | 1 |
| 51 | 306S11005 | SK438 | 螺絲 | Screw | 1 |



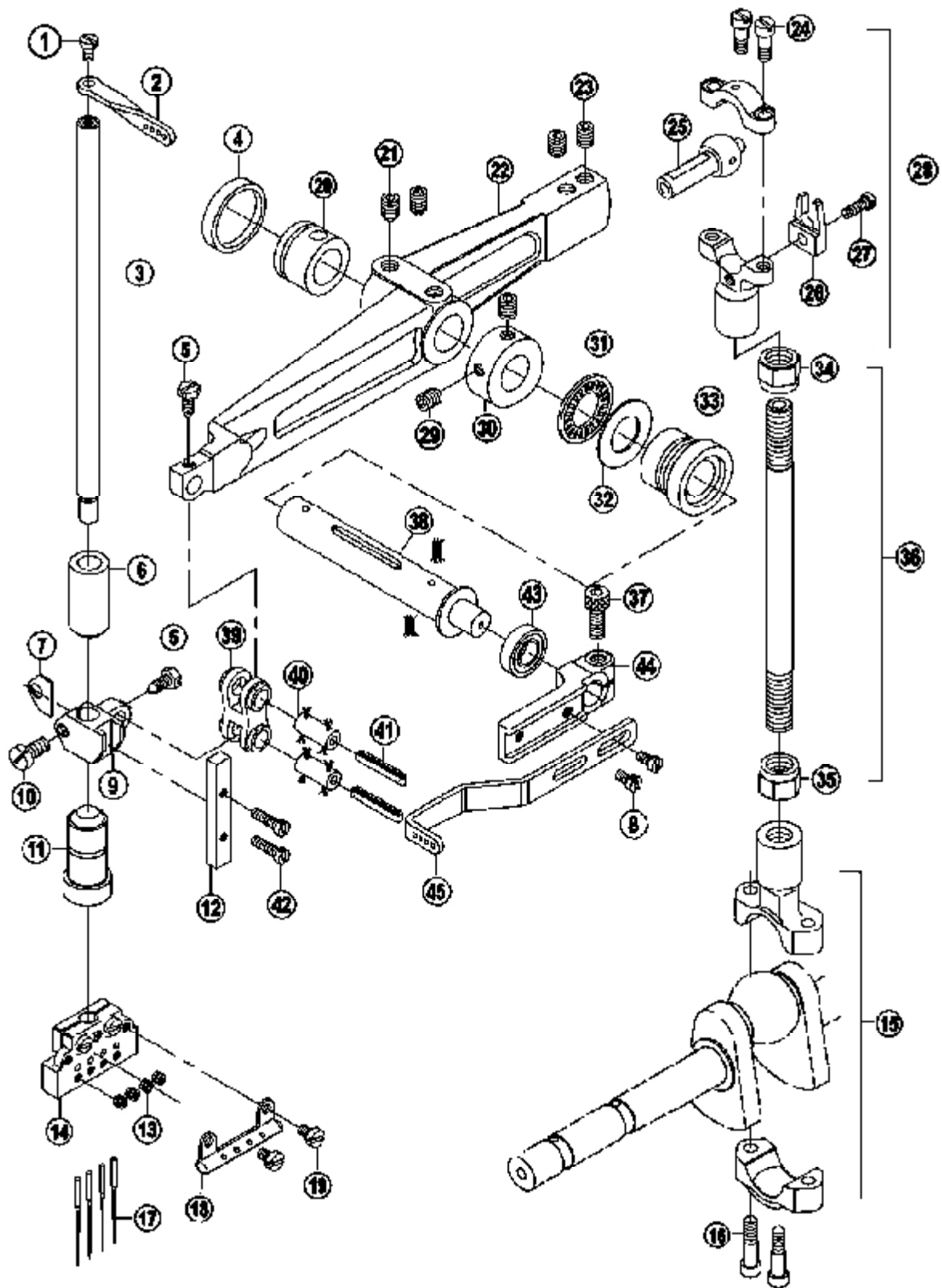
六、彎針軸部件 / Looper shaft assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|--------------|-------------|-----------|
| | | | | | 4針64 |
| 1 | 30603007 | HE23 | 套筒 | Bushing | 1 |
| 2 | 20128010 | KL11 | 墊片 | Washer | 1 |
| 3 | 30123015 | HE14-2 | 油綫 | Oil wick | 1 |
| 4 | 30602005 | HE14 | 彎針軸 | Shaft | 1 |
| 5 | 201S14002 | SK270-2 | 螺釘 | Screw | 2 |
| 6 | 30510001 | VC25 | 偏心凸輪 | Eccent | 1 |
| 7 | 30524001 | VC24 | 軸承 | Bushing | 2 |
| 8 | 30605002 | HE19 | 連杆 | Link | 1 |
| 9 | 30508004 | VC23 | 卡簧 | Spring | 1 |
| 10 | 30608004 | HE25 | 擋圈 | Ring | 1 |
| 11 | S05004 | SM511 | 螺釘M5 × 14 | Screw | 1 |
| 12 | 30503013 | VE03 | 銅套 | Bushing | 1 |
| 13 | S01063 | SM032 | 螺釘M2.5 × 6 | Screw | 1 |
| 14 | 306S30008 | SM080 | 螺釘 | Screw | 1 |
| 15 | 30612012 | ME06 | 連杆 | Link | 1 |
| 16 | 306S30007 | ME18 | 銷子 | Pin | 2 |
| 17 | W01004 | WM500 | 墊圈5 | Washer | 1 |
| 18 | N01002 | NM511 | 螺母 | Nut | 1 |
| 19 | 30604004 | HE01 | 連杆 | Link | 1 |
| 20 | S01030 | SM140 | 螺釘M3.5 × 9.7 | Screw | 2 |
| 21 | H05003 | EM050 | 墊圈5 | Washer | 1 |
| 22 | O01016 | VMR06 | O形圈6*1.8 | Washer | 1 |
| 23 | 30603008 | HE17 | 螺釘 | Screw | 1 |
| 24 | 30627001 | HE16 | 密封圈 | Washer | 1 |
| 25 | 30626004 | HE18 | 連杆 | Link | 1 |
| 26 | 30604005 | HE03 | 曲柄 | Crank | 1 |
| 27 | S05004 | SM511 | 螺釘M5 × 14 | Screw | 1 |
| 28 | 30627002 | HE04 | 彈簧 | Spring | 1 |
| 29 | 30626005 | HE05 | 錐銷 | Pin | 2 |
| 30 | S09004 | SK216 | 螺釘M3 × 3 | Screw | 1 |
| 31 | 30608003 | MH74 | 擋圈 | Ring | 1 |



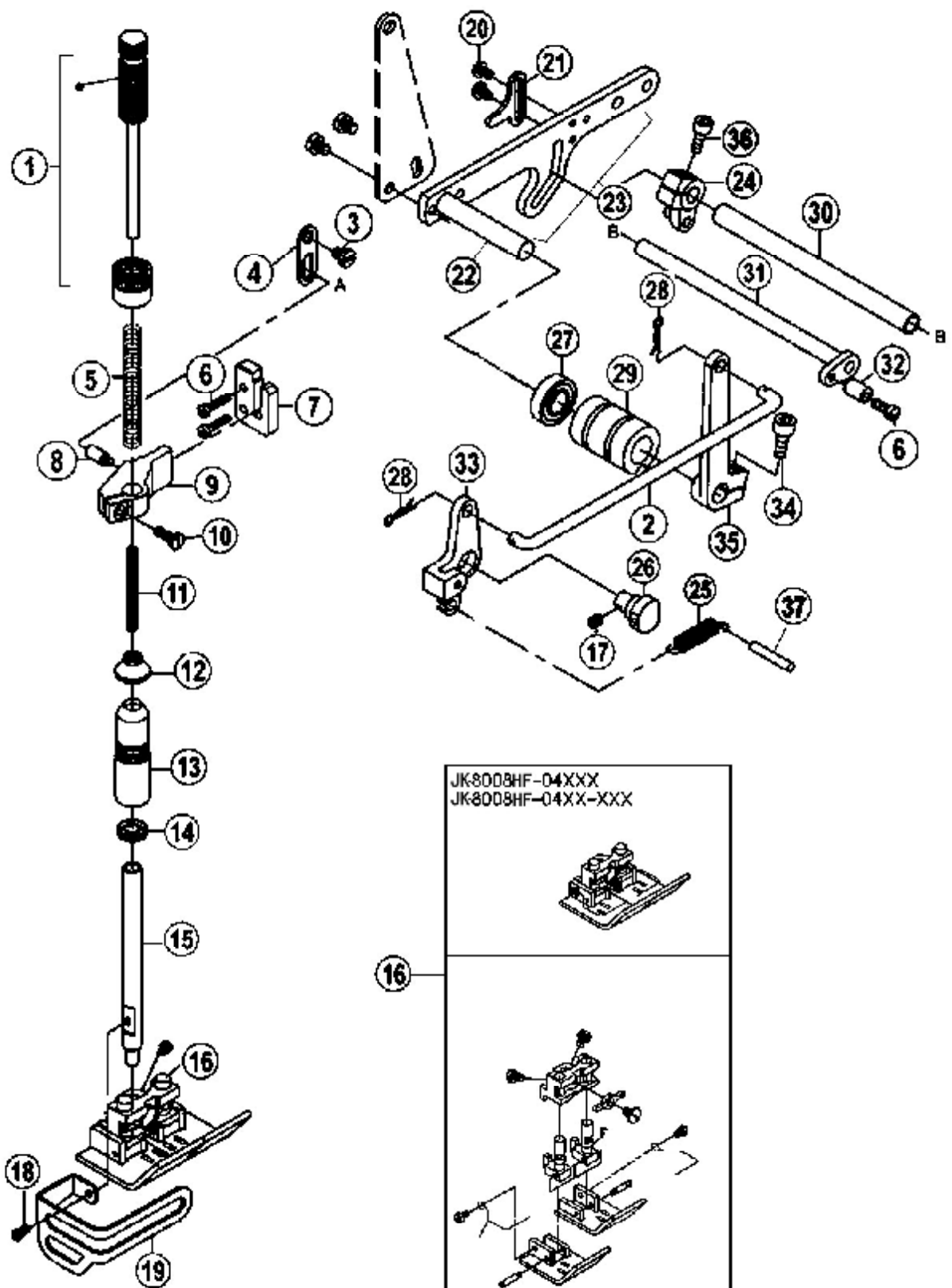
七、下彎針部件 / Lower looper assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|--------------|---------------|-----------|
| | | | | | 4針64 |
| 1 | 3060501500 | | 小連杆組件 | Link Assy. | 1 |
| 2 | 306S20007 | SM139 | 螺釘 | Screw | 4 |
| 3 | 30605009 | HE27 | 小連杆 | Link | 1 |
| 4 | N01007 | NM612 | 螺母M6 | Nut | 1 |
| 5 | 306S30010 | IIE11 | 連杆螺桿 | Screw | 1 |
| 6 | 306S16002 | NM610 | 螺母(左) | Nut | 1 |
| 7 | 30605012 | HE37 | 連杆組件 | Link Assy. | 1 |
| 8 | 30603010 | KQ34 | 軸套 | Bushing | 2 |
| 9 | 306S20008 | VMR06 | 墊片 | Washer | 1 |
| 10 | 306S30011 | HE12 | 球形連接螺柱 | Screw | 1 |
| 11 | 30604006 | HE13 | 曲柄 | Crank | 1 |
| 12 | S05037 | SM612 | 螺釘M6 × 15 | Screw | 1 |
| 13 | 305S16007 | NM611 | 螺母M6 | Nut | 1 |
| 14 | 306S16003 | NM602 | 六角螺母 | Nut | 4 |
| 15 | 41228024 | WM810 | 墊片 | Washer | 2 |
| 16 | 305S14007 | SM601 | 螺釘M6 × 8 | Screw | 2 |
| 17 | 30605013 | HE06 | 彎針架座 | Rivet Seat | 1 |
| 18 | 20128010 | KL11 | 墊片 | Washer | 1 |
| 19 | 30603009 | HE20 | 套筒 | Bushing | 1 |
| 20 | 306S30012 | ZD18 | 彎針架螺釘 | Screw | 2 |
| 21 | 30626006 | WM600 | 平面滾針 | Bearing | 4 |
| 22 | 30604007 | HE07 | 彎針架 | Looper Holder | 2 |
| 23 | 30617003 | HE22 | 前彎針 | looper | 2 |
| 24 | 30617002 | HE21 | 后彎針 | looper | 2 |
| 25 | S01008 | SM131 | 螺釘M3.5 × 13 | Screw | 4 |
| 26 | 306S11003 | SK254 | 外六角頭螺釘 | Screw | 1 |
| 27 | 201S14002 | SK270 | 螺釘 | Screw | 4 |
| 28 | 30608005 | ZD20 | 擋圈 | Ring | 2 |
| 29 | 301S16002 | NK29 | 螺母 | Nut | 2 |
| 30 | S01028 | SM134 | 螺釘M3.5 × 5.7 | Screw | 2 |
| 31 | W01004 | WM500 | 墊圈5 | Washer | 2 |
| 32 | 30605014 | HE08 | 彎針連杆 | Looper Link | 1 |
| 33 | 306S30009 | HE10 | 球型連接螺柱 | Screw | 1 |



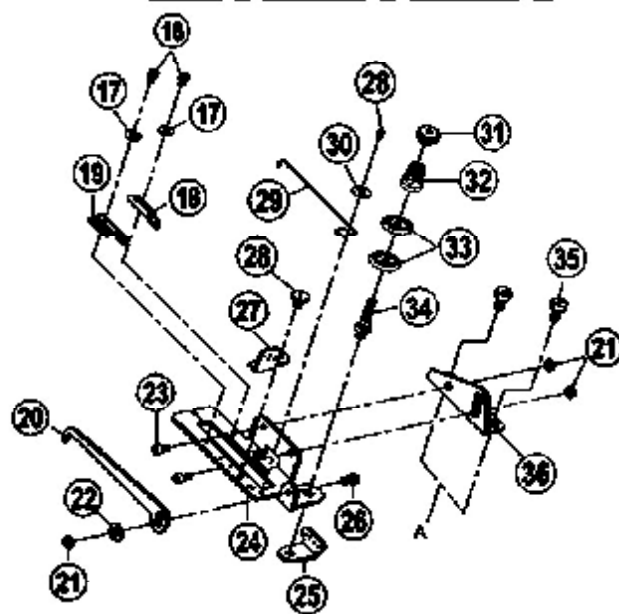
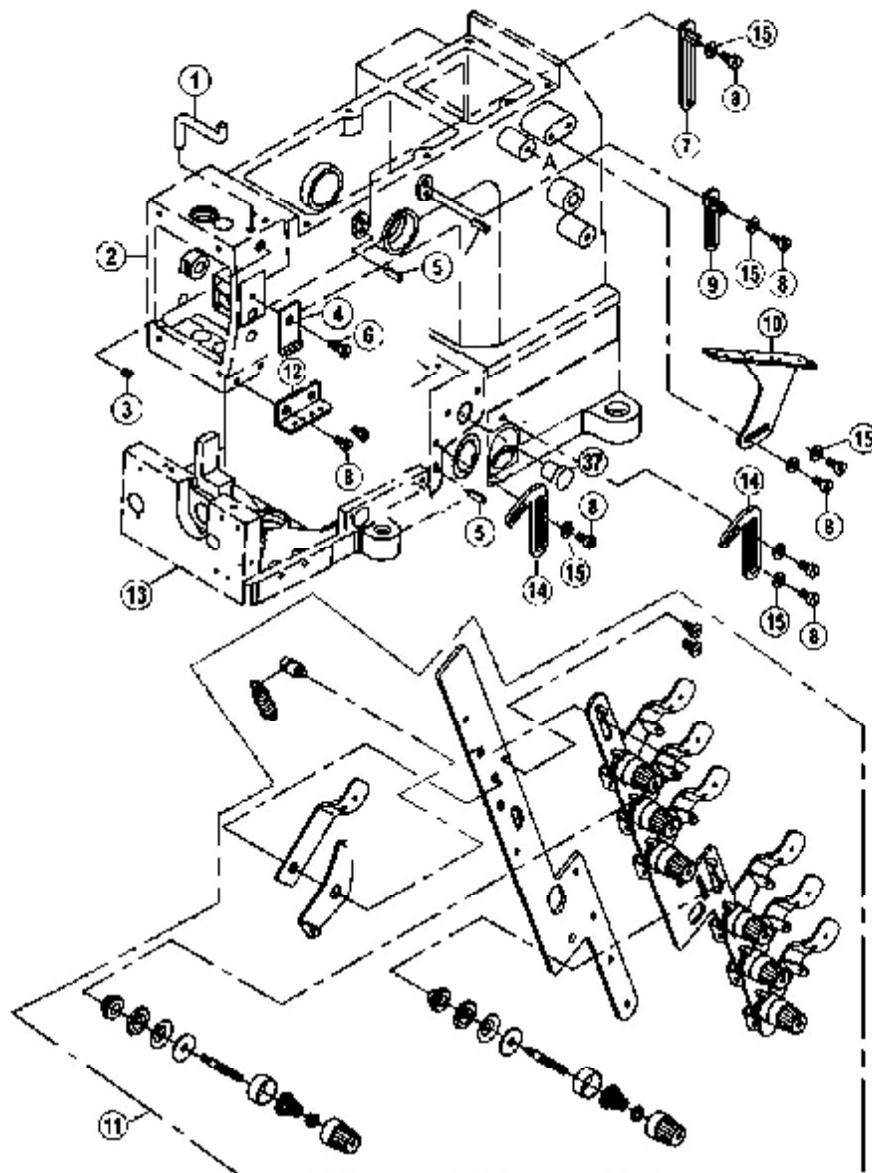
八、針杆部件 / Needle bar assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|-------------|-------------------------|-----------|
| | | | | | 4針64 |
| 1 | S01005 | SM132 | 螺釘M4 × 10 | Screw | 1 |
| 2 | 30513003 | VF19 | 過綫 | Thread guide | 1 |
| 3 | 30502011 | VF12D | 針杆 | Needle bar | 1 |
| 4 | 3052201200 | VF07 | 油封 | Oil Seal | 1 |
| 5 | 305S12004 | SM184 | 螺釘 | Screw | 2 |
| 6 | 30503021 | VF13 | 銅套 | Bushing | 1 |
| 7 | 30512027 | WM130 | 墊片 | Washer | 1 |
| 8 | 305S11016 | SM431 | 螺釘M4 × 6 | Screw | 2 |
| 9 | 30509006 | VF09 | 針杆滑塊 | Needle slider | 1 |
| 10 | S01011 | SM532 | 螺釘M5 × 10 | Screw | 1 |
| 11 | 30503022 | VF14 | 銅套 | Bushing | 1 |
| 12 | 30509007 | VF11D | 固定條 | Rivet | 1 |
| 13 | 305S14002 | SK216 | 螺釘 | Screw | 4 |
| 14 | 30634001 | M8XXX | 針夾頭 | Needle Holer Assy. | 1 |
| 15 | 3050402500 | VD07 | 曲柄組件 | Crank Assembly | 1 |
| 16 | 305S20008 | SK490 | 螺釘 | Screw | 2 |
| 17 | 30617004 | UY128GAS | 機針 | Needle | 4 |
| 18 | 30613003 | M9XX4-1 | 針夾頭過綫 | Thread guide | 1 |
| 19 | 305S11005 | SK239 | 螺釘 | Screw | 2 |
| 20 | 30503023 | VF06 | 銅套 | Bushing | 1 |
| 21 | 305S14006 | SM601 | 螺釘M6 × 9 | Screw | 2 |
| 22 | 30505009 | VF01 | 大扛杆 | Lever | 1 |
| 23 | S09007 | SM600 | 螺釘M6 × 8 | Screw | 2 |
| 24 | 305S20007 | SK491 | 螺釘 | Screw | 2 |
| 25 | 30526011 | VF16 | 曲柄球 | Crank | 1 |
| 26 | 30512028 | VF22 | 止震板 | Cover | 1 |
| 27 | 305S11006 | SK277 | 螺釘 | Screw | 1 |
| 28 | 3050402400 | ----- | 曲柄球組件 | Crank Assembly | 1 |
| 29 | S09008 | SM502 | 螺釘M5 × 5 | Screw | 2 |
| 30 | 30508006 | VF05 | 擋圈 | Ring | 1 |
| 31 | 30524002 | VD03-1 | 平面滾針軸承 | Bearing | 1 |
| 32 | 30528003 | VF04 | 墊片 | Washer | 2 |
| 33 | 30503024 | VF03 | 銅套 | Bushing | 1 |
| 34 | 305S16002 | NK54 | 螺母 | Nut | 1 |
| 35 | 305S16003 | NK53 | 螺母 | Nut | 1 |
| 36 | 3050203000 | ----- | 傳送杆組件 | Connection assembly | 1 |
| 37 | S05004 | SM511 | 螺釘M5 × 14 | Screw | 1 |
| 38 | 30502013 | VF02 | 上橫軸 | Shaft | 1 |
| 39 | 30505012 | VF08 | 四眼 | Crank | 1 |
| 40 | 30526008 | VF10 | 銷子 | Pin | 2 |
| 41 | 30123015 | VC11 | 油綫 | Oil Seal | 2 |
| 42 | S01007 | SM438 | 螺釘M4 × 13.5 | Screw | 2 |
| 43 | 20622019 | ----- | 油封 | Oil wick | 1 |
| 44 | 30509010 | VF17 | 過綫固定座 | Thread Guide Rivet Seat | 1 |
| 45 | 30513005 | HK18 | 過綫 | Thread guide | 1 |



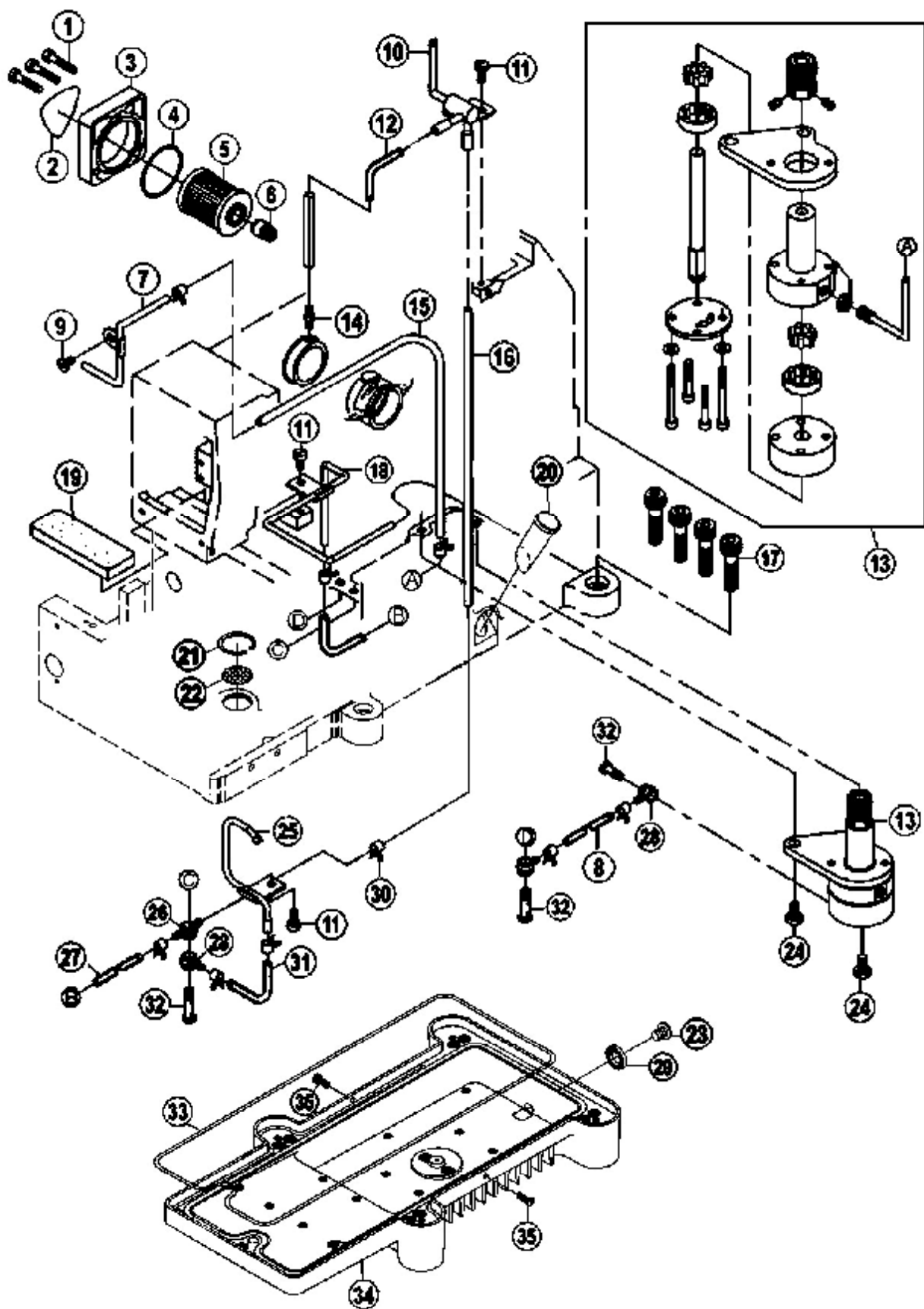
九、壓腳部件 / Presser foot assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|-----------|--------------------|-----------|
| | | | | | 4針64 |
| 1 | 3050203200 | ----- | 壓腳調節杆組件 | Adjusting Bar Assy | 1 |
| 2 | 30512035 | VJ09 | 連接杆 | Link | 1 |
| 3 | 305S20009 | SK518 | 螺釘 | Screw | 1 |
| 4 | 30512029 | VJ13 | 壓板 | Bracket | 1 |
| 3 | 305S16004 | MJ02 | 螺母 | Nut | 1 |
| 5 | 30527007 | MJ03 | 彈簧 | Spring | 1 |
| 6 | S01005 | SM438 | 螺釘M4 × 10 | Screw | 2 |
| 7 | 30509011 | VJ20 | 滑槽 | Slider | 1 |
| 8 | 305S11007 | SK502 | 螺釘 | Screw | 1 |
| 9 | 30509012 | VJ07 | 滑塊 | Slider | 1 |
| 10 | 305S11001 | SK265 | 螺釘 | Screw | 1 |
| 11 | 30527008 | MJ12 | 彈簧 | Spring | 1 |
| 12 | 30522014 | MJ23 | 油封 | Oil Seal | 1 |
| 13 | 30503025 | VJ21 | 銅套 | Bushing | 1 |
| 14 | 3052201500 | MJ17 | 油封 | Oil Seal | 1 |
| 15 | 30502015 | VJ18 | 壓腳軸 | Shaft | 1 |
| 16 | 30616001 | F8XXXX | 壓腳 | presser foot assy | 1 |
| 17 | S09008 | SM502 | 螺釘M5 × 5 | Screw | 1 |
| 18 | S01027 | SM332 | 螺釘M3 × 6 | Screw | 1 |
| 19 | 30512031 | VJ23 | 壓板 | Bracket | 1 |
| 20 | 305S11016 | SM431 | 螺釘M4 × 6 | Screw | 2 |
| 21 | 30512030 | VJ03 | 壓板 | Bracket | 1 |
| 22 | 30526013 | VJ05-1 | 杠杆軸 | Shaft | 1 |
| 23 | 3051203200 | VJ05-2 | 杠杆組件 | Lever Assembly | 1 |
| 24 | 30504011 | VJ04 | 緊固座 | Tighten | 1 |
| 25 | 30527010 | VJ14 | 彈簧 | Spring | 1 |
| 26 | 30526014 | VJ12D | 銷子 | Pin | 1 |
| 27 | 3052201700 | KL20 | 油封 | Oil Seal | 1 |
| 28 | 30527009 | VJ10 | 開口銷 | Pin | 1 |
| 29 | 30503026 | VJ06D | 銅套 | Bushing | 1 |
| 30 | 30502016 | VJ02 | 松線管 | Thread Guide | 1 |
| 31 | 3050201700 | VJ01 | 松線軸 | Shaft | 1 |
| 32 | 30510006 | VJ01-3 | 偏心套 | Eccent Bushing | 1 |
| 33 | 30512036 | VJ11D | 曲柄 | Crank | 1 |
| 34 | 305S13005 | SM612 | 螺釘M6 × 15 | Screw | 1 |
| 35 | 30504012 | VJ08 | 曲柄 | Crank | 1 |
| 36 | S05004 | SM534 | 螺釘M5 × 14 | Screw | 1 |
| 37 | 30526001 | PM404 | 定位銷 | Pin | 1 |



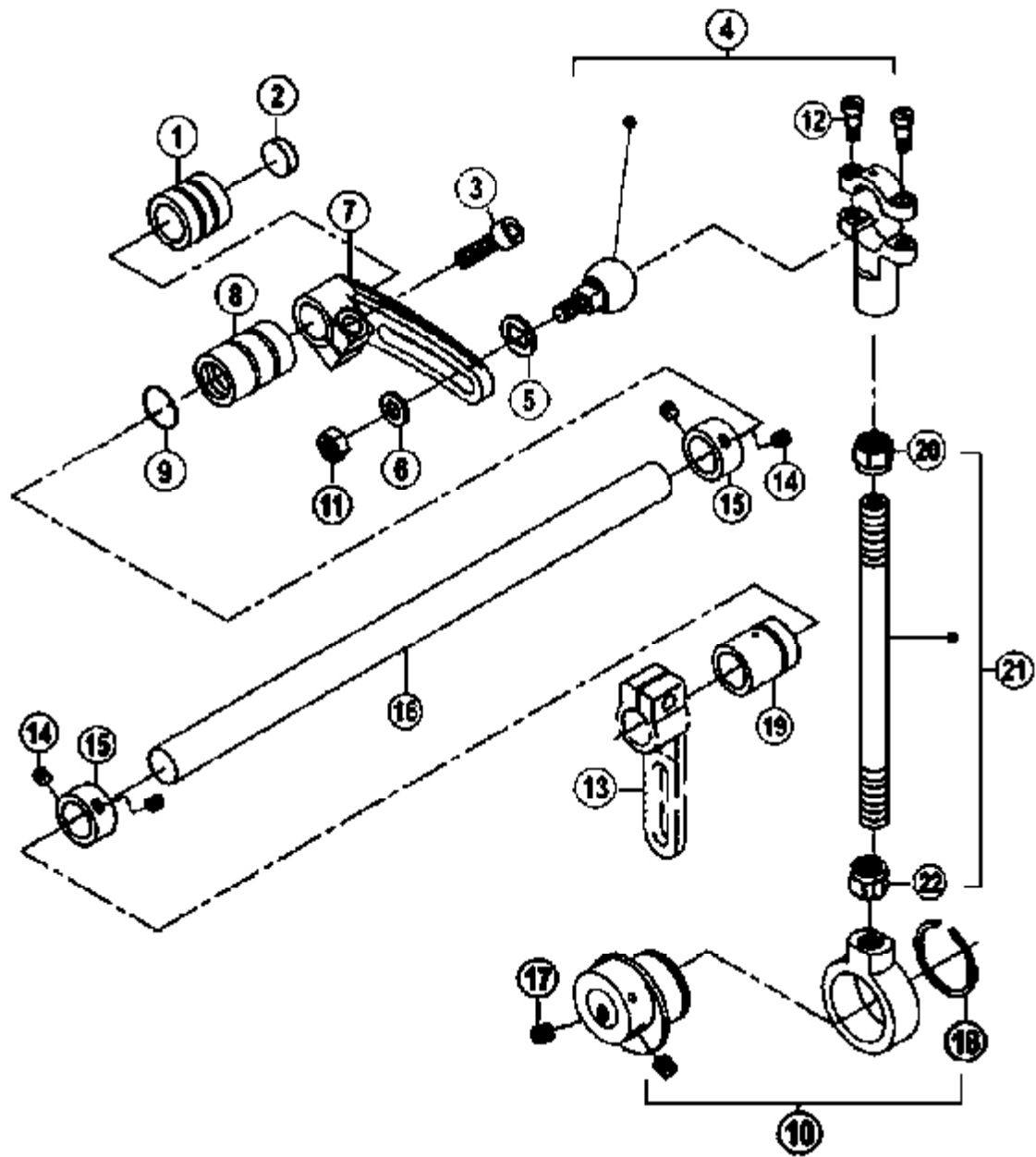
十、夾綫器部件 / Tension spring assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|--------------|---------------------|-----------|
| | | | | | 4針64 |
| 1 | 30512038 | VK13 | 擋綫架 | Bracket | 1 |
| 2 | 30501004 | VA08 | 機殼上節 | Upper Macine | 1 |
| 3 | S09012 | SM404 | 螺釘M4 × 5 | Screw | 1 |
| 4 | 30513009 | VK15 | 過綫 | Thread Guide | 1 |
| 5 | P03025 | PM413 | 銷4 × 12 | Pin | 1 |
| 6 | S02003 | SM450 | 螺釘M4 × 5 | Screw | 1 |
| 7 | 30513010 | VK18 | 過綫 | Thread Guide | 1 |
| 8 | 305S11016 | SM431 | 螺釘M4 × 10 | Screw | 9 |
| 9 | 30513012 | VK11 | 過綫 | Thread Guide | 1 |
| 10 | 30513011 | VK22 | 過綫 | Thread Guide | 1 |
| 11 | 3063100200 | ----- | 夾綫器組件 | Tension Spring Assy | 1 |
| 12 | 30513013 | VK17 | 過綫 | Thread Guide | 9 |
| 13 | 30501005 | VA01 | 機殼下節 | Lower Macine | 1 |
| 14 | 30613004 | HK09 | 過綫 | Thread Guide | 2 |
| 15 | 20612062 | MW400 | 墊圈 | Washer | 7 |
| 16 | 306S11004 | SM031 | 螺釘 | Screw | 2 |
| 17 | 30628001 | WM002 | 墊圈 | Washer | 1 |
| 18 | 30613006 | HK05 | 右過綫板 | Bracket | 1 |
| 19 | 30613005 | HK06 | 左過綫板 | Bracket | 1 |
| 20 | 30612013 | HK03 | 壓綫調節板 | Bracket | 1 |
| 21 | N01001 | NM410 | 螺母M4 | Nut | 3 |
| 22 | 20612062 | WM400 | 墊圈 | Washer | 1 |
| 23 | S01010 | SM431 | 螺釘M4 × 8 | Screw | 2 |
| 24 | 30612014 | HK01 | 打綫支架 | Bracket | 2 |
| 25 | 30613008 | HK08 | 過綫 | Thread Guide | 1 |
| 26 | S01010 | SM432 | 螺釘M4 × 8 | Screw | 1 |
| 27 | 30613007 | HK07 | 過綫 | Thread Guide | 1 |
| 28 | S01028 | SM131 | 螺釘M3.5 × 5.7 | Screw | 2 |
| 29 | 30612015 | HK02 | 壓綫簧 | Spring | 1 |
| 30 | 20612062 | WM100 | 墊圈 | Washer | 1 |
| 31 | 30608007 | KN44 | 擋圈 | Ring | 1 |
| 32 | 30627004 | KN43 | 夾綫彈簧 | Spring | 1 |
| 33 | 30612019 | KN42 | 夾綫盤 | Reservoir Assy | 2 |
| 34 | 30602007 | KN40 | 夾綫軸 | Shaft | 2 |
| 35 | S01010 | SM432 | 螺釘M4 × 8 | Screw | 2 |
| 36 | 30612016 | HK04 | 調節板 | Bracket | 1 |
| 37 | 30622004 | MB14 | 橡皮塞 | Plug | 1 |



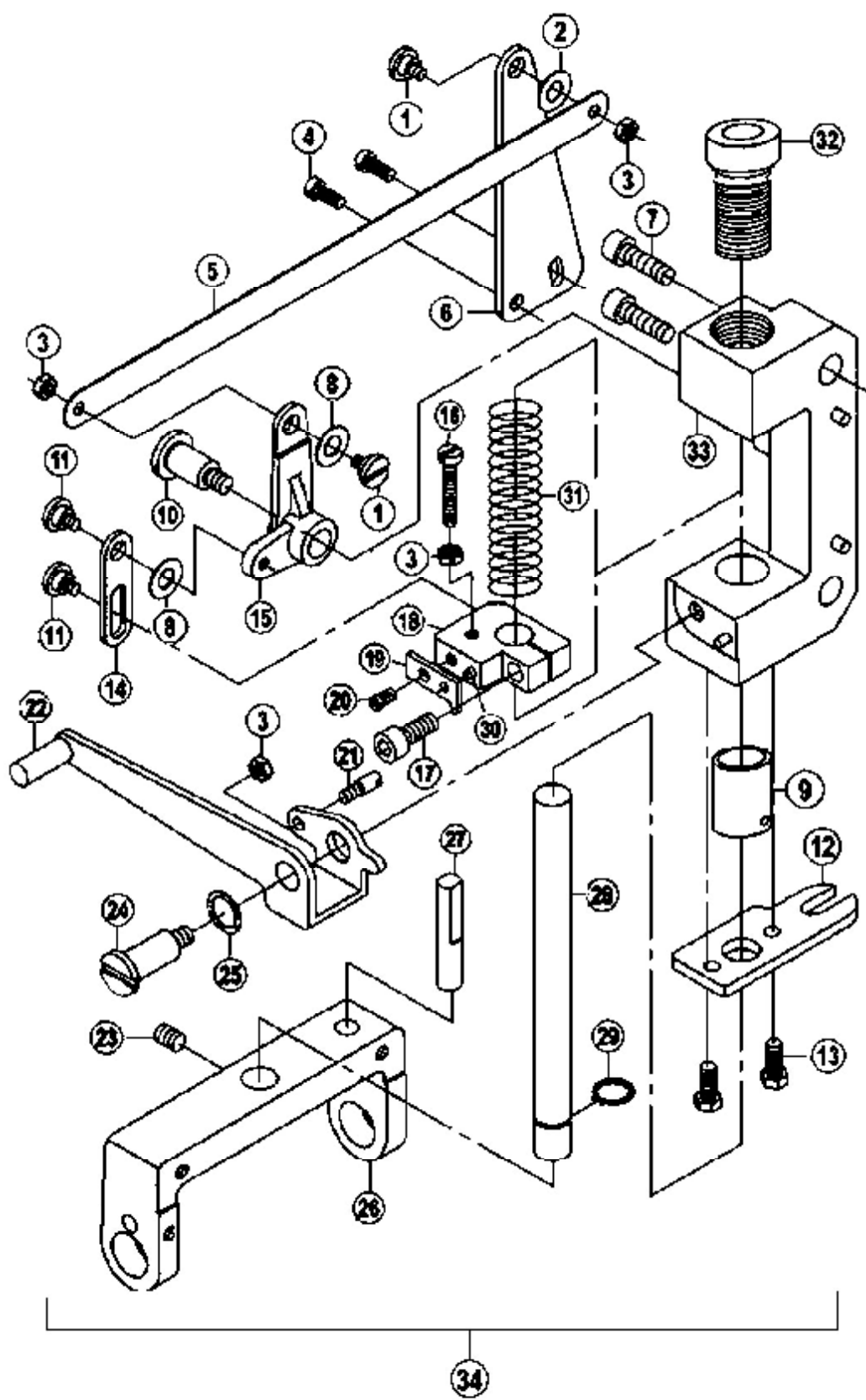
十一、油泵部件 / Pump assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|-----------------|--------------------|-----------|
| | | | | | 4針64 |
| 1 | S01057 | SM447 | 螺釘 M4 × 15 | Screw | 3 |
| 2 | 20337005 | KT18 | 商標 | Brand | 1 |
| 3 | 20301005 | KT16 | 濾清器蓋 | Cover | 1 |
| 4 | 20322004 | KT17 | 密封圈 | sticker | 1 |
| 5 | 20136001 | KT14 | 濾清器 | Filter Element | 1 |
| 6 | 30503027 | ML50 | 銅接頭 | pipe | 1 |
| 7 | 30521012 | VL14 | 油管 | Tube | 1 |
| 8 | 30112021 | VL19 | 油管 | Tube | 1 |
| 9 | 305S11016 | SM431 | 螺釘 M4 × 0.7 × 6 | Screw | 1 |
| 10 | 30521013 | VL11 | 油管 | Tube | 1 |
| 11 | 305S11016 | SM435 | 螺釘 M4 × 0.7 × 6 | Screw | 3 |
| 12 | 30121022 | VL16 | 油管 | Tube | 1 |
| 13 | 3052000100 | ML01 | 油泵 | Pump | 1 |
| 14 | 30536001 | VL12 | 油管接頭 | Joint | 1 |
| 15 | 30121022 | VL15 | 油管 | Tube | 1 |
| 16 | 30121022 | VL17 | 油管 | Tube | 1 |
| 17 | 305S13003 | SM812 | 螺釘 M8 × 25 | Screw | 4 |
| 18 | 3052101300 | VL07 | 油管組件 | Tube Assemblby | 1 |
| 19 | 30523010 | VL13 | 油棉 | Felt | 1 |
| 20 | 30511004 | VL06D | 油窗 | Oil Window | 1 |
| 21 | H01005 | EM164 | 卡簧 | Spring | 1 |
| 22 | 30512040 | MB15 | 濾網 | filter | 1 |
| 23 | 305S11010 | SK310 | 放油螺釘 SM3/8 × 28 | Screw | 1 |
| 24 | 305S13004 | SM611 | 螺釘 M6 × 14.8 | Screw | 2 |
| 25 | 3052101200 | VL21 | 油管組件 | Tube Assemblby | 1 |
| 26 | 30136004 | MW05 | 油管接頭 | Joint | 1 |
| 27 | 30121022 | VL20 | 油管 | Tube | 1 |
| 28 | 30136001 | KT24 | 接頭 | Joint | 3 |
| 29 | 20528014 | KT56 | 放油螺釘密封圈 | sticker | 1 |
| 30 | 20129002 | KT26*11 | 卡口 | Ring | 9 |
| 31 | 30121022 | VL20 | 油管 | Tube | 1 |
| 32 | 301S30013 | SK304 | 螺釘 SM1/4 × 40 | Screw | 2 |
| 33 | 30622005 | HL02 | 油盤油封 | Oil Seal | 1 |
| 34 | 30601006 | HL01 | 油盤 | Oil Reservoir Assy | 1 |
| 35 | S01058 | ----- | 螺釘 M3.5 × 4 | Screw | 2 |



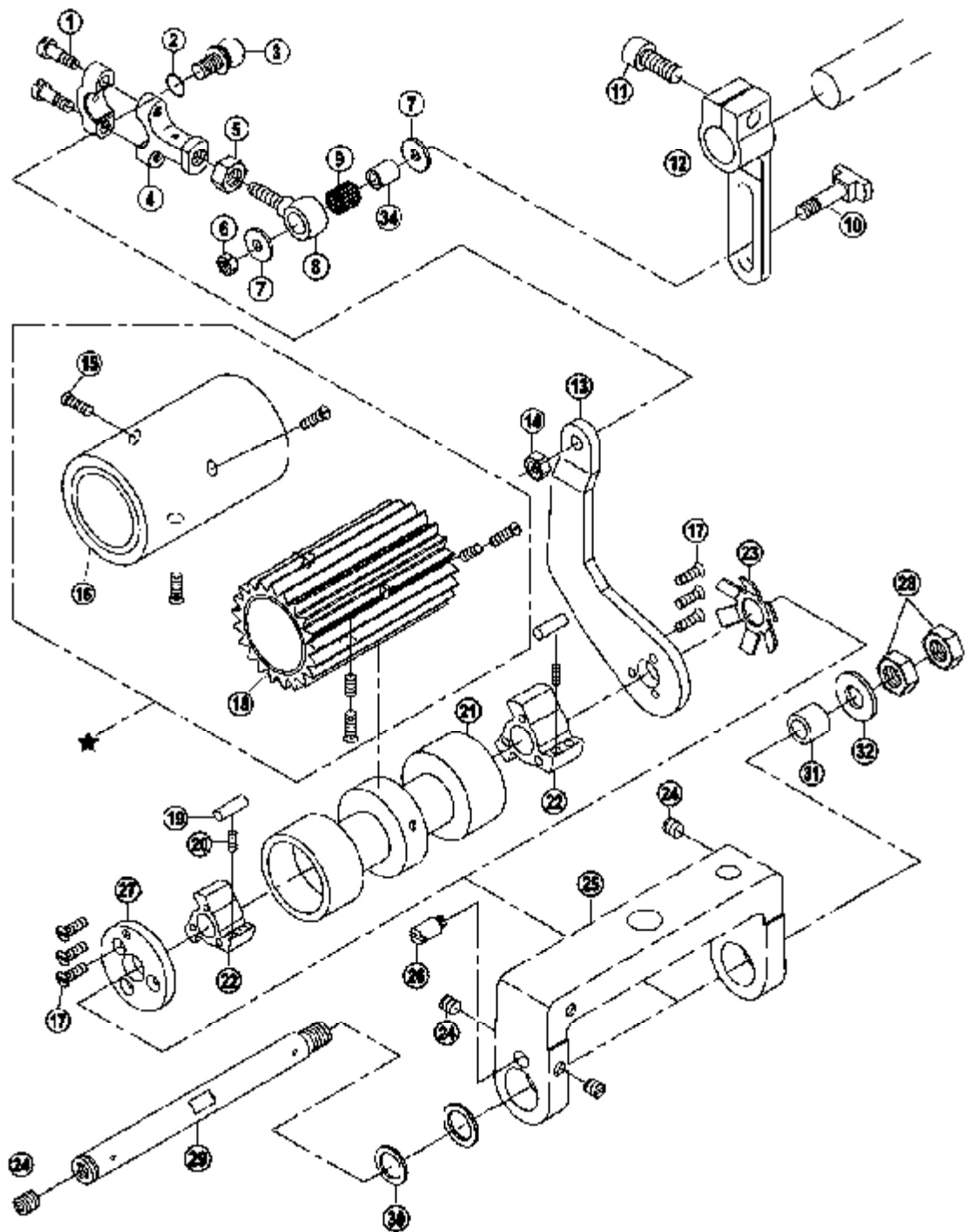
十二、傳送部件 / Transmission assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|-----------|----------------|-----------|
| | | | | | 4針64 |
| 1 | 30503028 | VCL07 | 銅套 | Bushing | 1 |
| 2 | 30522019 | CL14 | 油封 | Oil Seal | 1 |
| 3 | S05037 | SM617 | 螺釘M6 × 15 | Screw | 1 |
| 4 | 3050203100 | ----- | 曲柄球組件 | Crank Assembly | 1 |
| 5 | 30512045 | VCL05-1 | 墊片 | Washer | 1 |
| 6 | 40228017 | WM600 | 墊圈6 | Washer | 1 |
| 7 | 30504013 | VCL06 | 曲柄 | Crank | 1 |
| 8 | 30503029 | VCL09 | 銅套 | Bushing | 1 |
| 9 | 30522020 | VCL10 | 油封 | Oil Seal | 1 |
| 10 | 305100100 | CVL02D | 連杆組件 | Link assy | 1 |
| 11 | 305S16007 | NM611 | 螺母M6 | Nut | 1 |
| 12 | 305S20007 | SK491 | 螺釘 | Screw | 2 |
| 13 | 30504015 | VCL14 | 曲柄 | Crank | 1 |
| 14 | S10014 | SM501 | 螺釘M5 × 4 | Screw | 4 |
| 15 | 30508007 | VCL11 | 擋圈 | Ring | 2 |
| 16 | 30502020 | VCL12 | 后拖輪傳送軸 | Shaft | 1 |
| 17 | S09002 | SM603 | 螺釘M6 × 6 | Screw | 2 |
| 18 | 30508009 | VCL03 | 卡簧 | Spring | 1 |
| 19 | 30503030 | VCL13 | 銅套 | Bushing | 1 |
| 20 | 305S16002 | NK54 | 螺帽 | Nut | 1 |
| 21 | 3050203100 | ----- | 連杆組件 | Link assy | 1 |
| 22 | 305S16003 | NK53 | 螺帽 | Nut | 1 |



十三、后凸輪架部件 / After Cam Fight assemblies

| 序 號 NO | 件 號 Parts No. | 參 考 件 號 Ref.Part.No. | 名 稱 | Description | 數量/Number |
|-----------|------------------|-------------------------|------------|--------------------|-----------|
| | | | | | 4針64 |
| 1 | 305S20010 | SM491 | 螺釘 | Screw | 1 |
| 2 | 30528011 | CL31 | 墊片 | Washer | 1 |
| 3 | N01001 | NM410 | 螺母 | Nut | 1 |
| 4 | S01065 | SM531 | 螺釘 M5 × 6 | Screw | 2 |
| 5 | 30512047 | VCL25 | 鐵皮連杆 | Sheet Iron Link | 1 |
| 6 | 30512048 | VCL35 | 壓板 | Bracket | 1 |
| 7 | S05031 | SM614 | 螺釘 M6 × 20 | Screw | 2 |
| 8 | 30528011 | CL31 | 墊片 | Washer | 1 |
| 9 | 30503031 | CL26 | 銅套 | bushing | 1 |
| 10 | 305S20011 | SM681 | 螺釘 | Screw | 1 |
| 11 | 305S20012 | SM492 | 螺釘 | Screw | 1 |
| 12 | 3051205100 | CL33 | 調節板 | Regulator Plate | 1 |
| 13 | L02012 | SM520 | 螺釘 | Screw | 2 |
| 14 | 30512049 | VCL23 | 壓板 | Bracket | 1 |
| 15 | 30504014 | VCL24 | 曲柄 | Crank | 1 |
| 16 | S01018 | SM440 | 螺釘 M4 × 20 | Screw | 1 |
| 17 | S05031 | SM617 | 螺釘 M6 × 20 | Screw | 1 |
| 18 | 30509013 | VCL22 | 彈簧擋板 | Spring Plate | 1 |
| 19 | 30512050 | VCL34 | 壓板 | Bracket | 1 |
| 20 | S01055 | SM448 | 螺釘 M4 × 6 | Screw | 1 |
| 21 | 305S11011 | SM472 | 螺釘 | Screw | 1 |
| 22 | 3051205100 | CL33 | 調節板 | Regulator Plate | 1 |
| 23 | S09007 | SM603 | 螺釘 M6 × 8 | Screw | 1 |
| 24 | 305S20013 | SM682 | 螺釘 | Screw | 1 |
| 25 | 30528012 | CL34 | 壓板 | Bracket | 1 |
| 26 | 3050100800 | VCL18 | 壓輪架 | Press Wheel Fight | 1 |
| 27 | 30526020 | VCL19 | 銷子 | Pin | 1 |
| 28 | 30502022 | VCL30 | 軸 | Shaft | 1 |
| 29 | H04001 | EM123 | 卡簧 | Spring | 1 |
| 30 | 30526017 | PM302 | 銷子 | Pin | 1 |
| 31 | 30527011 | CL28 | 彈簧 | Spring | 1 |
| 32 | 305S30006 | CL25 | 調節螺釘 | Adjusting Screw | 1 |
| 33 | 30501007 | VCL21 | 壓腳架 | Finger Guide | 1 |
| 34 | 305901400 | ----- | 后凸輪組件(齒輪式) | After Cam Assembly | 1 |
| | 305901500 | ----- | 后凸輪組件(齒輪式) | After Cam Assembly | 1 |
| | 305901700 | ----- | 后凸輪組件(光滑式) | After Cam Assembly | 1 |

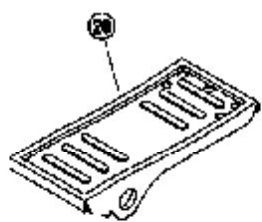
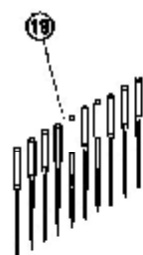
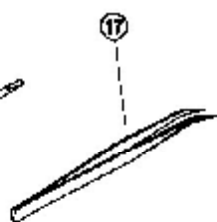
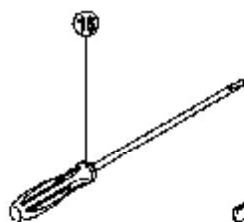
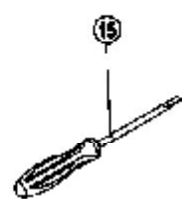
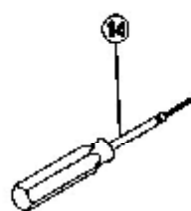
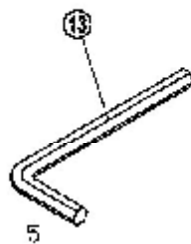
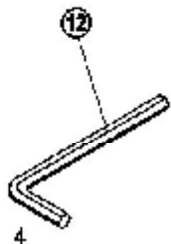
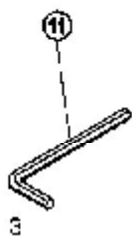
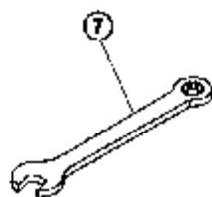
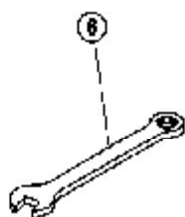
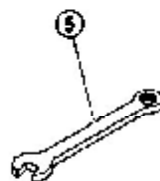
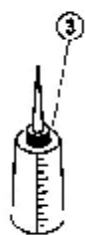
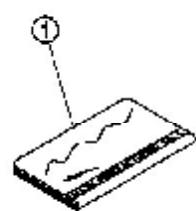


轉輪使用方式

| 齒形 | 平 輪 | | | | 齒 輪 | | | |
|-------------|-------|--------|--------|--------|----------------|-----------------------------------|-----------------|--------------------|
| | PI | | 黑色橡膠 | | 齒形期 | | 齒 | |
| 長度 | 短輪 | 長輪 | 短輪 | 長輪 | 短輪 | 長輪 | 短輪 | 長輪 |
| 代 式 | VCL16 | VCL16P | VCL16Q | VCL16R | VCL08 (27T) | VCL08P (27T) | VCL08Q 單向齒5T | VCL08N 雙向齒22T |
| 下 代 式 | | VCL29 | | VCL20R | | VCL33 (34T) VCL33P (38T) | | VCL33N 30X 322T |

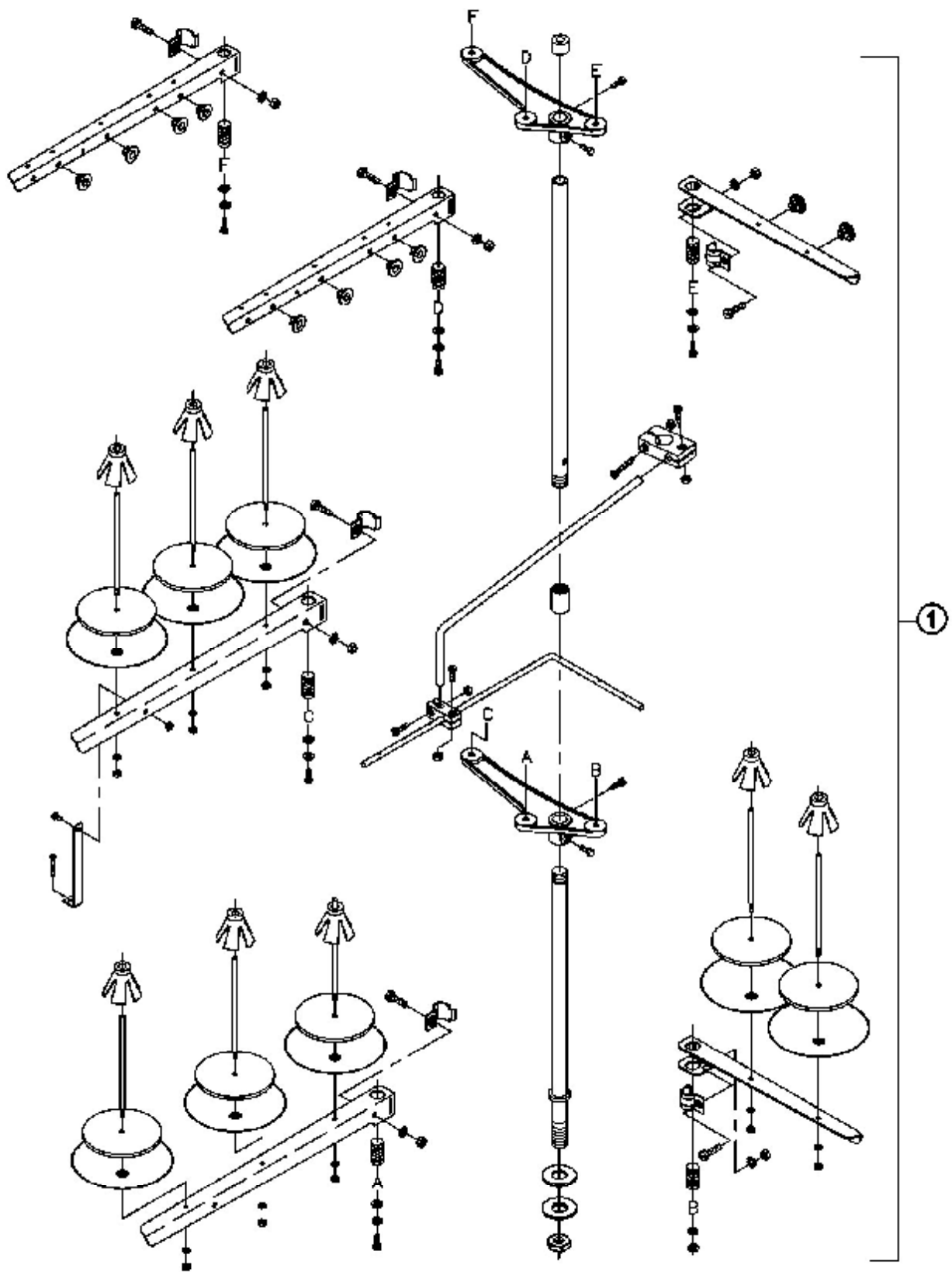
十四、后凸輪部件 / After Cam assemblies

| 序號 NO | 件號 Parts No. | 參考件號 Ref.Part.No. | 名稱 | Description | 數量/Number |
|----------|-----------------|----------------------|---------------|-------------------|-----------|
| | | | | | 4針64 |
| 1 | 305S30007 | SM524 | 螺釘 M5 × 8.5 | Screw | 1 |
| 2 | W01004 | CL48 | 墊圈5 | Washer | 2 |
| 3 | 30526011 | CL49 | 曲柄球 | Iron Cover | 1 |
| 4 | 30503034 | CL50 | 連杆 | Bearing | 1 |
| 5 | 3050501700 | CL51 | 連杆組件 | connection Assy | 1 |
| 6 | N01004 | NM511 | 螺母 | Nut | 1 |
| 7 | W01004 | CL48 | 墊圈5 | Washer | 1 |
| 8 | 30505020 | CL50 | 連杆 | Bearing | 1 |
| 9 | B07011 | CL49 | 滾針軸承 | Iron Cover | 1 |
| 10 | 305S30009 | CL47 | 螺釘 | Screw | 1 |
| 11 | S05037 | SM612 | 螺釘 M6 × 15 | Screw | 1 |
| 12 | 30504015 | VCL14 | 曲柄 | Crank | 1 |
| 13 | 30512055 | CL37 | 衝壓件鐵臂 | Jib | 1 |
| 14 | N01004 | NM511 | 螺母M5 | Nut | 1 |
| 15 | S03003 | SM451 | 螺釘 M4 × 6 | Screw | 3 |
| 16 | 3061000200 | VCL16 | 后凸輪組件 | After Cam Assy | 1 |
| 17 | S02014 | SK373 | 螺釘 M3.5 × 8.5 | Screw | 5 |
| 18 | 30625003 | VCL08 | 壓輪組件 | Press Wheel | 1 |
| 19 | 30526021 | LF39 | 圓柱銷 | Pin | 2 |
| 20 | 30527012 | LF38 | 彈簧 | Spring | 2 |
| 21 | 30503035 | VCL15 | 齒輪套 | Gear Wheel Cover | 1 |
| 22 | 30525010 | LF37 | 齒輪 | Gear Wheel | 2 |
| 23 | 30512056 | CL38 | 蝶形卡簧 | Spring | 1 |
| 24 | S09008 | SM502 | 螺釘 M5 × 5 | Screw | 4 |
| 25 | 3050100800 | VCL18 | 壓輪架 | Press Wheel Fight | 1 |
| 26 | 305S11012 | SM470 | 螺釘 | Screw | 1 |
| 27 | 30512057 | CL45 | 壓板 | Bracket | 1 |
| 28 | N01008 | NM810 | 螺母 M8 | Nut | 2 |
| 29 | 30502023 | VCL17 | 軸 | Shaft | 1 |
| 30 | | CL41 | 墊片 | Washer | 5 |
| 31 | 30503036 | VCL31 | 軸套 | Bushing | 1 |
| 32 | W01010 | WM800 | 墊圈8 | Washer | 1 |



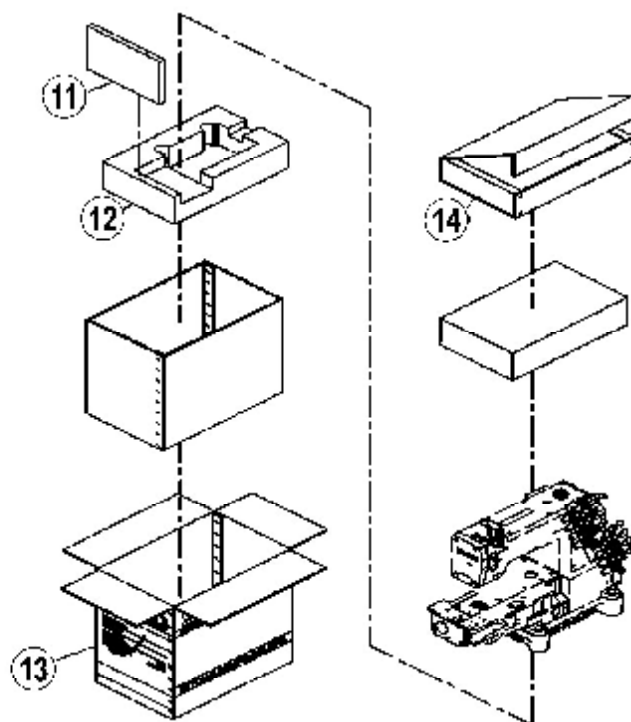
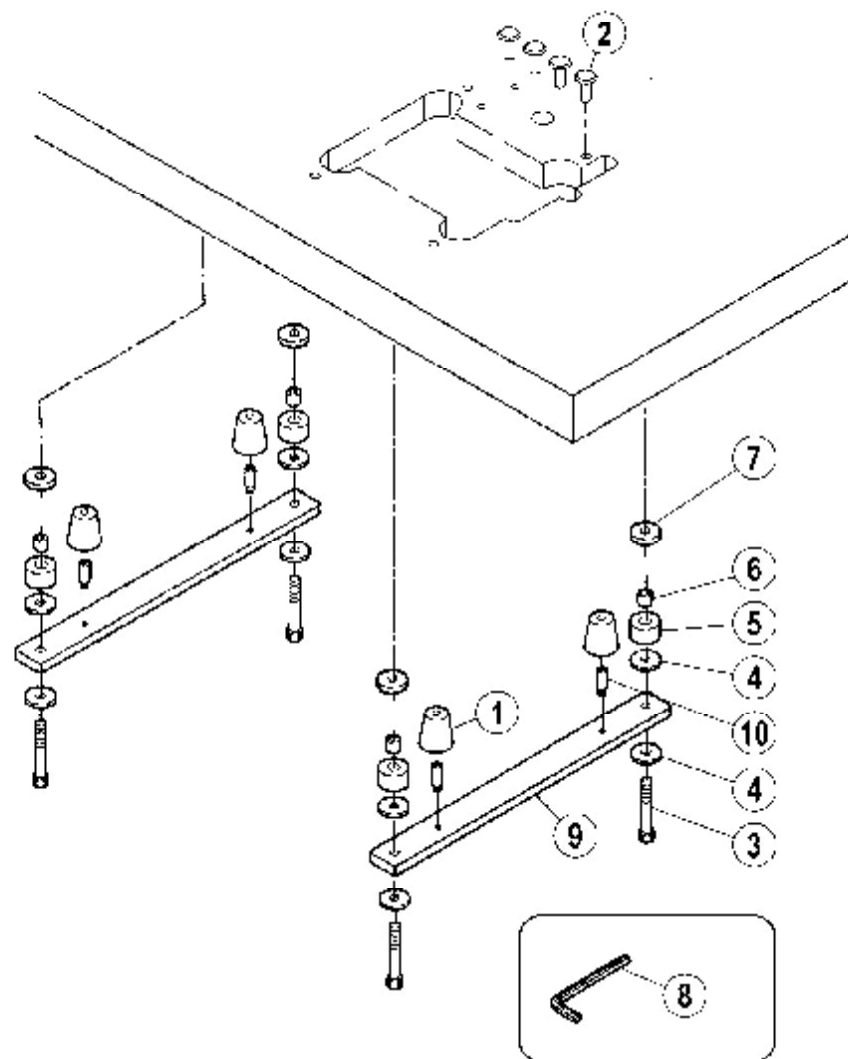
十五、附件(1) / Accessories Assemblies

| 序 號 NO | 件 號 Parts No. | 參考件號 Ref.Part.No. | 名 稱 | Description | 數量/Number |
|-----------|------------------|----------------------|------------|-----------------------------|-----------|
| | | | | | 4針64 |
| 1 | 30531001 | MY01 | 純白油 | Oil | 1 |
| 2 | 30531002 | MY02 | 硅油 | Silicon Oil | 1 |
| 3 | 30511006 | MY03 | 空油壺 | Oil Can | 1 |
| 4 | 30511007 | KY04 | 漏門 | Oil Funnel | 1 |
| 5 | 30531003 | KY07 | 7mm六角扳手 | Spanner(7mm) | 1把 |
| 6 | 30531004 | KY08 | 8mm六角扳手 | Spanner(8mm) | 1把 |
| 7 | 30531005 | KY09 | 9mm六角扳手 | Spanner(9mm) | 1把 |
| 8 | 30531006 | MY09 | 1.5mm內六角扳手 | Inner-hexagon Driver(1.5mm) | 1把 |
| 9 | 30531007 | MY08 | 2mm內六角扳手 | Inner-hexagon Driver(2mm) | 1把 |
| 10 | 30531008 | MY10 | 2.5mm內六角扳手 | Inner-hexagon Driver(2.5mm) | 1把 |
| 11 | 30531009 | MY11 | 3mm內六角扳手 | Inner-hexagon Driver(3mm) | 1把 |
| 12 | 30531010 | MY12 | 4mm內六角扳手 | Inner-hexagon Driver(4mm) | 1把 |
| 13 | 30531011 | KY11 | 5mm內六角扳手 | Inner-hexagon Driver(5mm) | 1把 |
| 14 | 30531012 | KY14 | 大號一字螺釘刀 | Screw Driver | 1把 |
| 15 | 30531013 | KY17 | 中號一字螺釘刀 | Screw Driver | 1把 |
| 16 | 30531014 | KY16 | 小號一字螺釘刀 | Screw Driver | 1把 |
| 17 | 30531015 | KY18 | 鑷子 | Tweezer | 1 |
| 18 | 30531017 | KT14 | 濾油器 | Oil Filter | 1 |
| 19 | 30617004 | Uo113 | 機針 | Needle | 1包 |
| 20 | 30531016 | KY20D | 腳踏板 | Presser Foot Base | 1 |
| 21 | 30531029 | ----- | 說明書零件樣本 | Parts list Instruction book | 1 |
| 22 | 30531018 | KY21 | 鏈條 | Chain | 1 |



十六、附件(2) / Accessories Assemblies

| 序 號 NO | 件 號 Parts No. | 參考件號 Ref.Part.No. | 名 稱 | Description | 數量/Number | | | | |
|-----------|------------------|----------------------|-----|-------------|-----------|------|------|-------|-------|
| | | | | | 4針64 | 6針64 | 8針64 | 12針64 | 13針64 |
| 1 | 30532002 | ----- | 綫架 | Fight | 1套 | 1套 | 1套 | 1套 | 1套 |



十七、附件(3) / Accessories Assemblies

| 序 號 NO | 件 號 Parts No. | 參 考 件 號 Ref.Part.No. | 名 稱 | Description | 數量/Number |
|-----------|------------------|-------------------------|---------------------------|----------------|-----------|
| | | | | | 4針64 |
| 1 | 30122029 | 206338 | 油盤減振墊 | Rubber cushion | 4 |
| 2 | 301S16008 | 206336 | 托盤固定螺母 | Nut | 4 |
| 3 | 301S30017 | 4512 | 托板內六角螺釘 | Bolt | 4 |
| 4 | 20131029 | KX08 | 大墊圈 | Washer | 8 |
| 5 | 20131030 | KX09 | 托板減振墊 | Rubber cushion | 4 |
| 6 | 30103078 | ----- | 減振墊支撐套 | Spacer | 4 |
| 7 | 30122031 | ----- | 減震墊圈 | Rubber cushion | 4 |
| 8 | 20131045 | ----- | JK795-1910內六角扳手 (1.6mm直柄) | Spanner | 1付 |
| 9 | 30532001 | ----- | JK8008安裝板 | Rest board | 2 |
| 10 | 301S30018 | VN01 | 螺釘 | Screw | 4 |
| 11 | 30511008 | ----- | 泡沫箱 (上) | Box | 1 |
| 12 | 30531025 | ----- | 泡沫箱 (下) | Box | 1 |
| 13 | 30531026 | ----- | 紙箱 | Paper Box | 1 |
| 14 | 30531027 | ----- | 附件盒 | Accessory Box | 1 |