

MAQI

使 用 说 明 书

美 机 缝 纫 机

MAQI SEWING MACHINE

OPERATION MANUAL

目 錄

1. 車針和穿綫的方法

- 1-1 車針..... 1
- 1 2 針的安裝方法..... 1
- 1 3 穿綫的方法..... 1

2. 縫紉速度

- 2-1 縫紉速度與皮帶輪的運轉方向..... 2
- 電機與皮帶..... 2

3. 縫紉機注油

- 3-1 使用的機油..... 3
- 3-2 注油的方法..... 3
- 3-3 機油、油泵濾網的清掃..... 3

4. 縫紉機的安裝

- 4-1 工作臺的加工..... 4
- 4-2 縫紉機的安裝..... 5

5. 彎針與機針的同步調節

- 5-1 彎針的安裝角度和高度..... 5
- 5-2 彎針往返的運動同步調節..... 6
- 5-3 彎針的擺動量..... 6
- 5-4 針杆的高度的調節..... 6
- 5-5 針與彎針的前后位置..... 7

6. 護針傍的前后調節

- 6-1 護針傍（后）的位置..... 7
- 6-2 護針傍（前）的位置..... 8

7. 送布牙與針腳長度的調節

- 7-1 送布牙的高度與平行（傾斜）..... 8
- 7-2 針腳長度的調節..... 8

8 壓腳的調節

- 8 1 壓腳壓力的調節..... 9
- 8-2 壓腳的位置和提升量..... 9

9. 有關縫紉狀態的調節

- 9-1 上夾綫器的位置..... 10
- 9-2 扇形過綫器的位置..... 10
- 9-3 扇形過綫器的調節..... 10

10. 后拉料裝置的調節

- 10-1 手動抬杆..... 11
- 10-2 拉料器的壓腳壓力的調節..... 11
- 10-3 送布量的調節..... 11

11. 關於縫紉狀態的調節

- 11-1 松緊帶的安裝方法與送布量的調節..... 11

12. BK輔助推送裝置的調節

- 12-1 輔助送布牙的高度與平行（傾斜）..... 12
- 12-2 輔助壓腳的安裝方法..... 12

13-1 刀片寬度的調節

- 13 BK前刀片裝置的調節..... 13
- 13-2 下刀片的拆卸及安裝方法..... 13
- 13-3 上刀片的拆卸及安裝方法..... 14
- 13-4 上刀片與下刀片的嚙合..... 14
- 13-5 下刀片的研磨方法..... 14

14. 縫紉機的清掃..... 14

[1] 車針和穿綫方法

1-1 車針

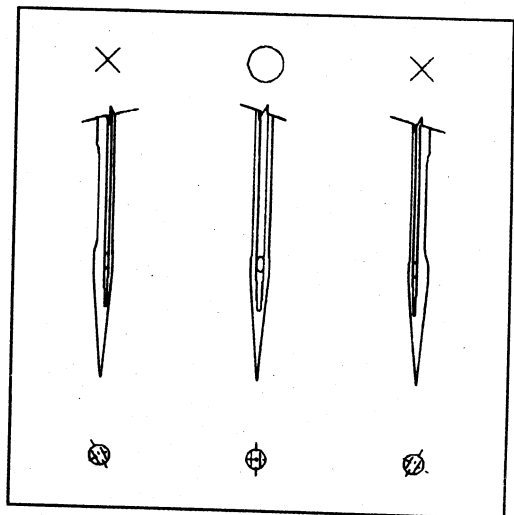
車針為ORGAN或SCHMETZ生產的UY128GAS。
針的號數有多種，請根據所縫制布料的厚度及原料選擇適當的針。

<使用針和針的號數> (1701, 1702EHD以外)

Schmetz	Nm75	Nm80	Nm90	Nm100	Nm110
Organ	#11	#12	#14	#16	#18

■ 1701EHD.....DR2 Nm200, #25

■ 1702EHD.....UY143GS Nm200, #25



1-2 針的安裝方法

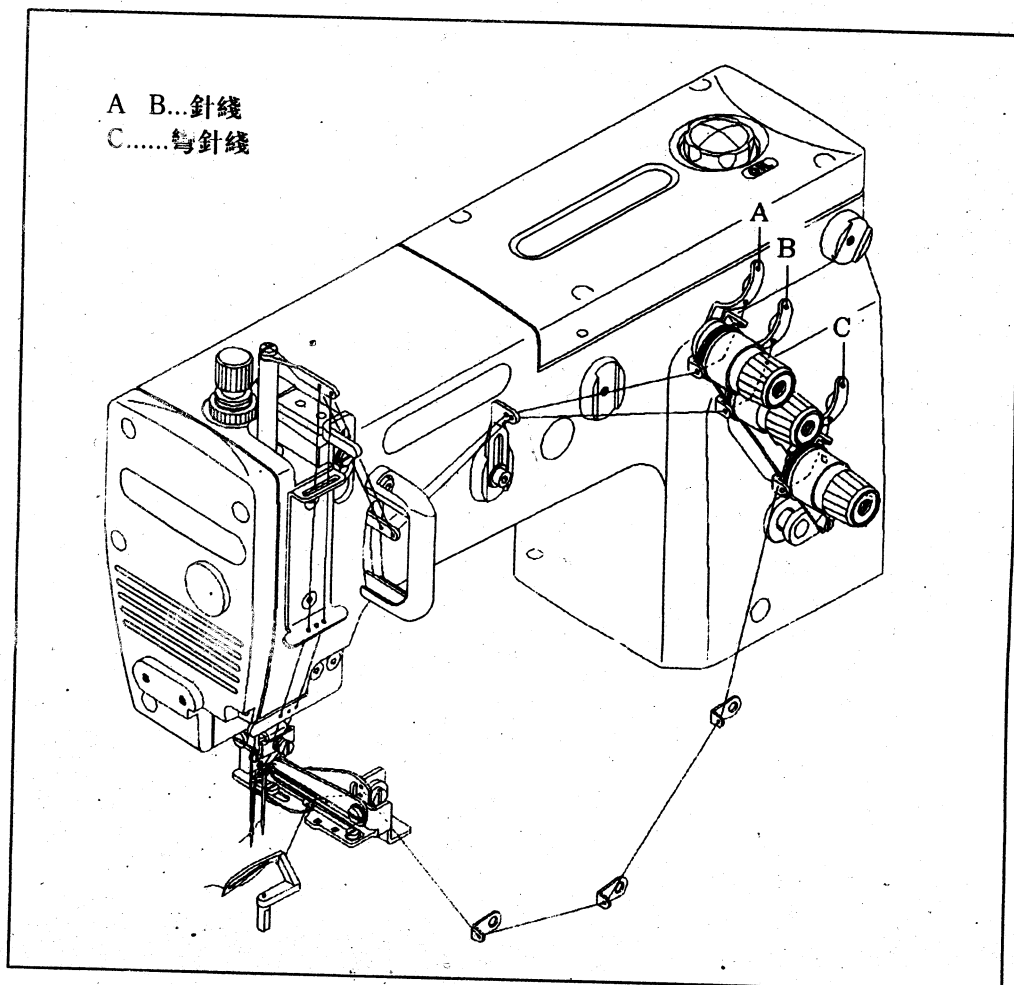
換針時，請確認針如左圖所示，針的缺彎(針槽)向着左側并進行安裝。

<注意>

換針時，必須切斷電源。使用離合電機時，即使切斷了電源，電機仍然會慣性旋轉。因此必須連續踩着踏板開關，直到縫紉機停止為止。

1-3 穿綫的方法

請參照下所圖示，正確穿綫。如果穿錯綫，會造成跳綫、斷綫和針腳不均勻等現象。



[2] 縫紉速度

2-1 縫紉速度與皮帶輪的運轉方向

本縫紉機的最高縫紉速度及常用縫紉速度如下表所示。

在使用新縫紉機時，最初的200個小時(大約1個月)採用最高縫紉速度的15~20%左右的低速運轉后，再採用常用縫紉速度，可延長機器使用的壽命。

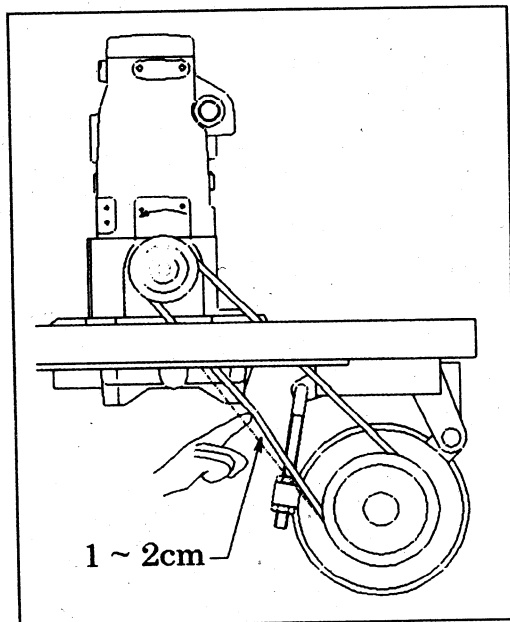
皮帶輪的運轉方向如圖所示，從皮帶輪側面看，為左運轉。

2-2 電機與皮帶

使用3相2極400W的離合電機和M型V形皮帶。

請從表中選用外徑符合縫紉機運轉數的電機皮帶輪。

如圖所示，調節電機的位置，用手指按V形皮帶的中間部位，直到有1~2cm的松弛度為止。



<縫紉速度表>

機 型	最高縫紉速度	常用縫紉速度
P, PMD, B	4500SPM	4000SPM
BK, EHD, MLH	4000SPM	3500SPM

<電機皮帶輪選擇表>

電機皮帶輪的外徑 (mm)	縫紉機的運轉數(SPM)	
	50Hz	60Hz
70	2900	3450
80	3300	3900
90	3700	4400
100	4100	(4900)
110	4500	

[3] 縫紉機注油

3-1 使用的機油

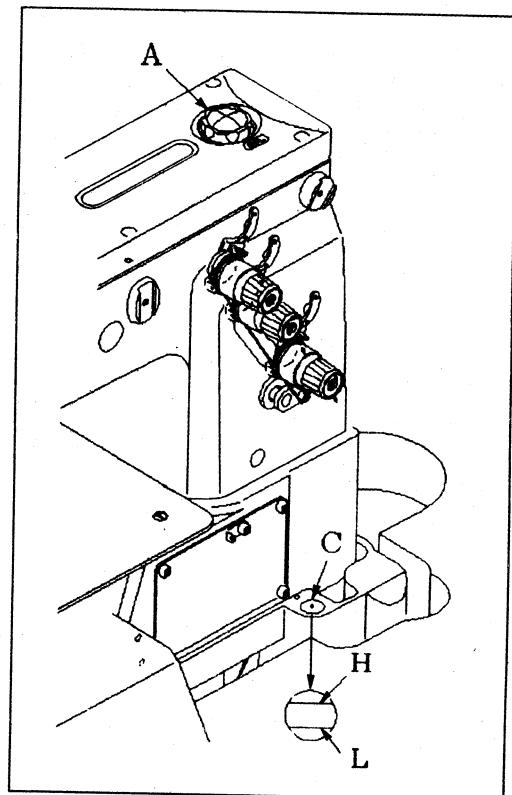
請使用本公司SPECIAL純正機油。

(品號 28-611)

3 2 注油的方法

取下注油口的油鏡蓋A，向注油口灌注油直到油標C的上緣(圖示H)為止。平常補充油時，請保持油面在H和L之間。

注油結束後，運轉縫紉機，確認機油有否噴到油面窗B處。

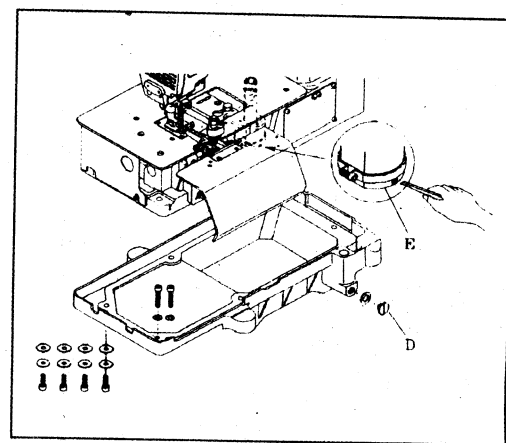


3-3 機油、油泵濾網的清掃

為了延長和保證縫紉機的使用壽命，在新縫紉機使用250小時左右后，必須全部更換機油。

在更換機油時，請按照以下步驟進行：

1. 把V形皮帶從電機及帶輪上卸下來，然後從縫紉機臺上拆下縫紉機。
2. 取下排油螺釘D 排出機油。
這時，確認V形皮帶沒有沾到機油。
3. 排放完機油后，必須把螺釘D擰緊。
4. 按照前項3-2的步驟，給縫紉機注油。

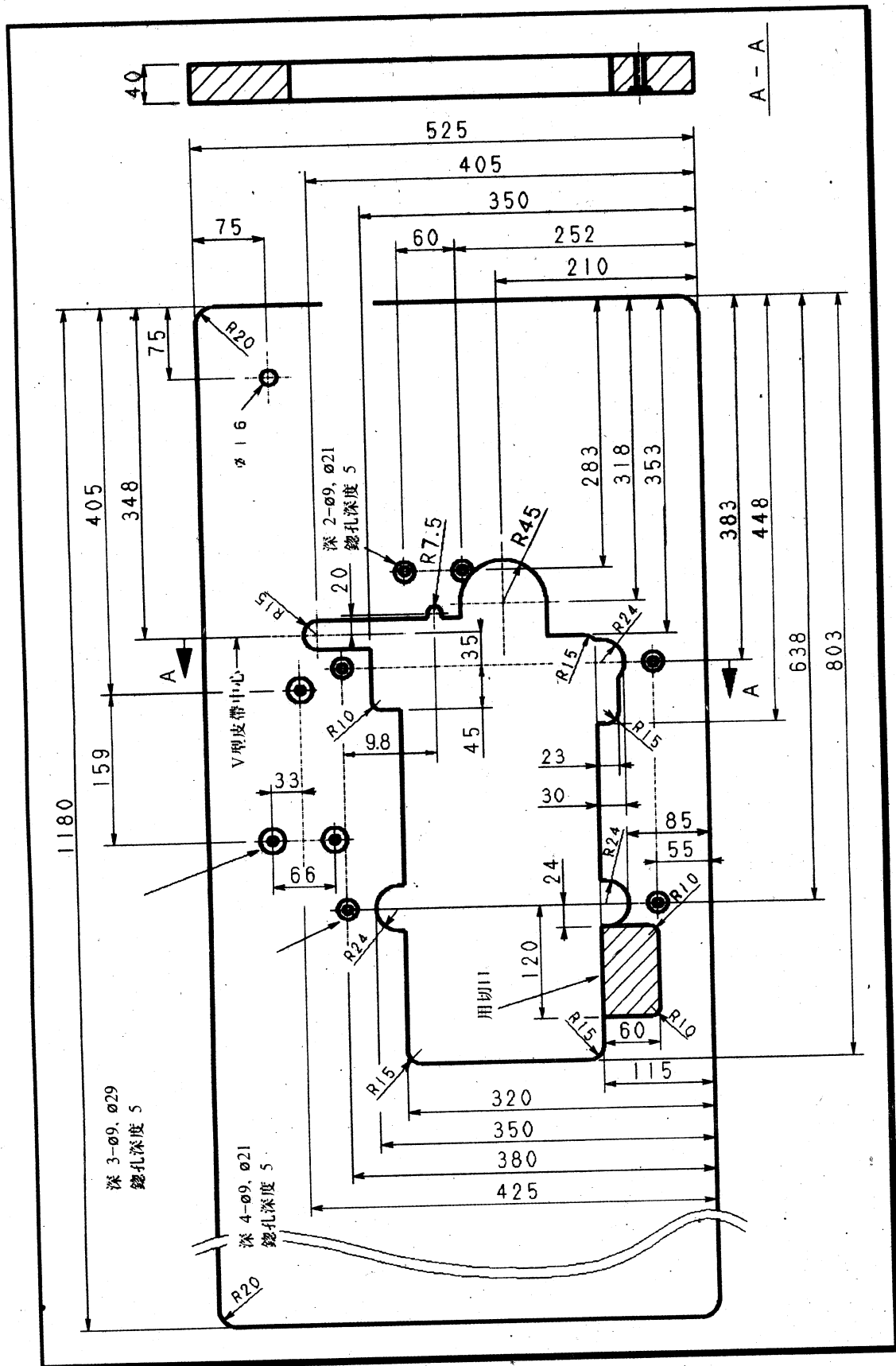


此外，如果油泵濾網E塞滿污垢時，則不能進行正常的注油，故平常應每6個月清掃濾網一次。

雖然還有很多機油，而噴嘴噴不出油或噴出的油異常地少時，請進行檢查。

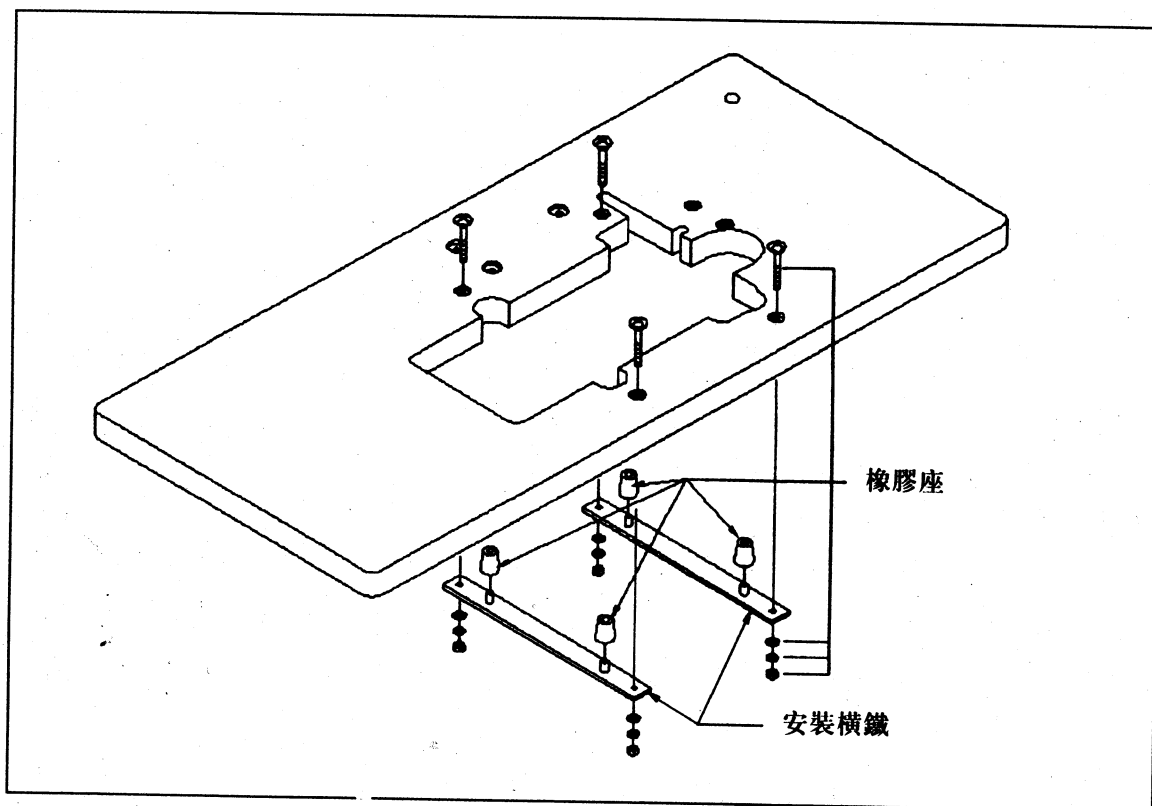
清掃時先取下油盤的定位螺釘，然後進行油泵濾網的清掃。

4-1 工作臺的加工



4-2 縫紉機的安裝

參考圖示，把橫鐵安裝在縫紉機工作臺上。然后把縫紉機平穩地安放在橡膠座上。



5 彎針與機針的同步調節

5-1 彎針的安裝角度和高度

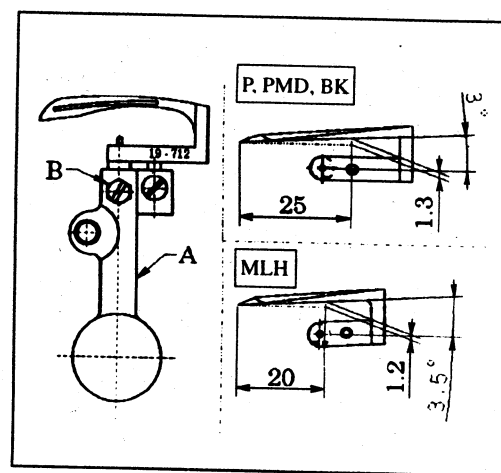
把彎針插入彎針臺座A的最裏面，然後擰緊定位螺釘B，這樣就可以確定彎針的角度和高度了。

P, PMD, B, BK系列的彎針角度為 3° 。

25mm之間段差約為1.3mm。

MLH為 3.5° 在20mm之間段差約1.2mm。

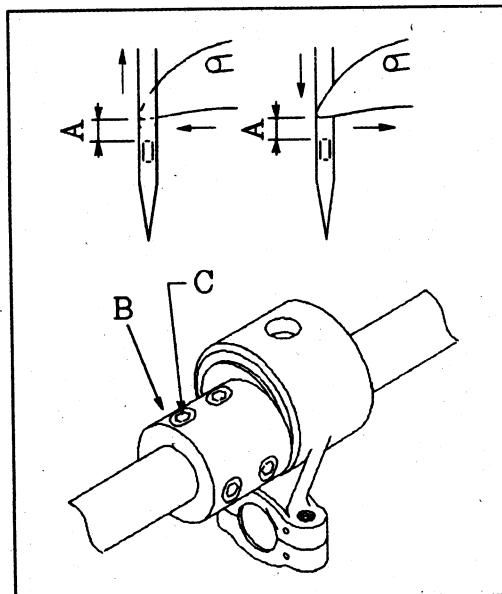
此外，EHD彎針角度為 0° 。



5-2 彎針往返的運動同步調節

如右圖所示，進行調節，使無論彎針向左出去還是向右回來，左針左端從綫孔上端到彎針尖的距離都相同。

調節方法：取下縫紉機外殼，擰松擺動源偏心B的定位螺釘C(3根)，一邊固定住偏心一邊旋轉動輪，調節安裝位置。

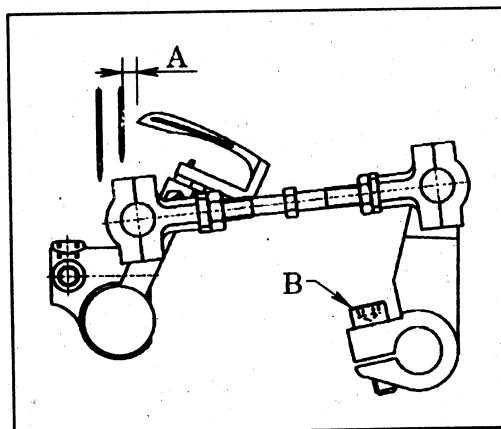


5-3 彎針的擺動量

彎針的擺動量以彎針拉伸最遠時從彎針尖到右針的右端的尺寸A表示。機型或車針距型號不同，擺動量也不同。

所以請參考下表。調節方法是擰松擺動源拉杆定位螺釘B進行。

機型(車針型號)	擺動量 A (mm)
P, PMD, MLH(1/8, 5/32)	5.2
P, PMD, (3/16, 7/32, 1/4)	4.4
B, BK, PBK	4.0
EHD	5.0



5-4 針杆的高度的調節

針杆的高度以在縫紉機運轉方向上，彎針尖穿過左針的左端時，從針背面的綫孔的上端到彎針尖的尺寸A表示。

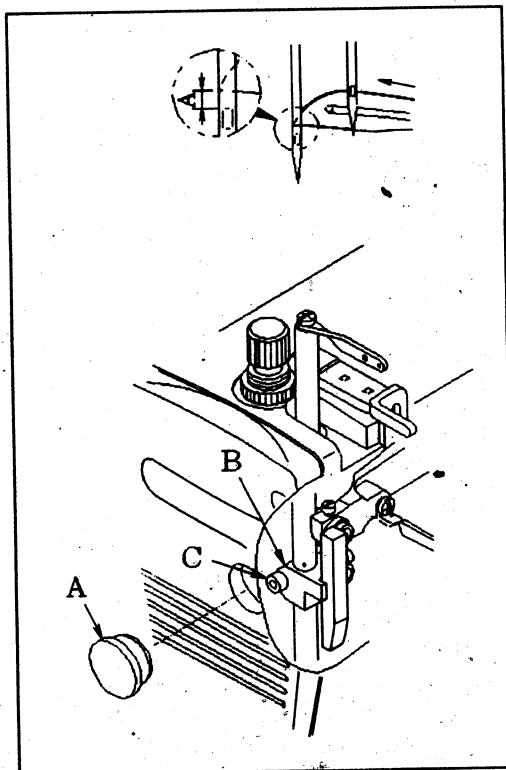
其尺寸因機型的不同而异，所以請參考下表。

調節方法是取下膠塞B，擰松針杆夾定位螺釘C，然后上下調節針杆。

<注意>

在調節針杆高度時，安裝針板后請確認各針都落在針孔的中心位置上。

機 型	A (mm)
P, PMD, MLH	1.2~1.5
B, BK, PBK	0~0.5
EHD	2~2.5

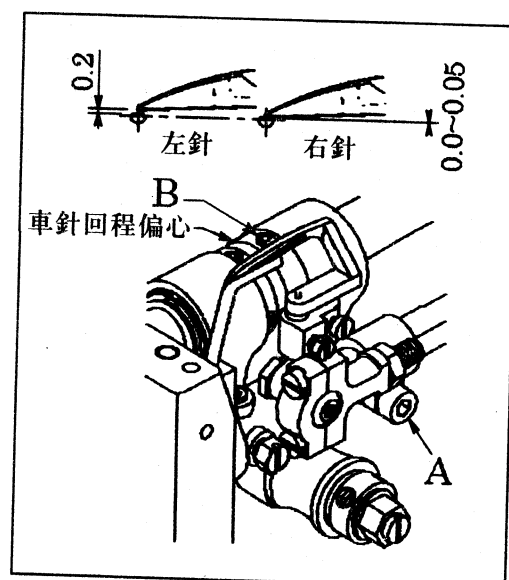


5-5 針與彎針的前后位置

擰松前后拉杆定位螺釘A進行調節，使彎針通過針背面時，右針與彎針之間間隙為0~0.05mm。

此外，擰松車針回程偏心定位螺釘B進行調節，使左針與彎針之間間隙為0.2mm。

當車針回程偏中心轉向前面時，間隙變小，轉向后面時，變大。



[6] 護針傍的前后調節

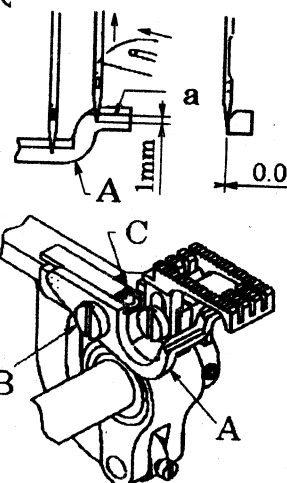
6-1 護針傍(后)的位置

■ 移動式(BK, PBK以外)時

當彎針尖經過右針中心時，從針尖到護針傍A的線a距離為1mm(EHD約為2mm)。此外，請把此時針與護針傍之間的間隙設為0mm。

調節方法是擰松定位螺釘B，運轉調節螺釘C，上下前后移動護針傍進行調節。

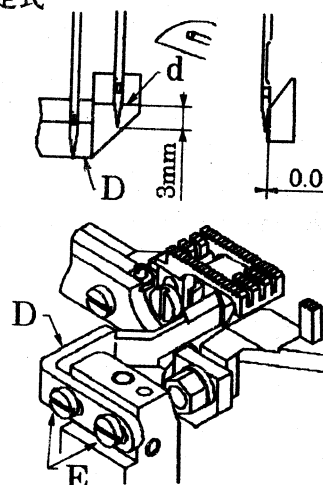
移動式



■ 固定式(BK, PBK)時

當針杆下降到最低時，右針尖到護針傍D的線d的距離約為3mm。此外，請把此時針與護針傍之間的間隙設為0mm。調節方法是擰松定位螺釘E進行調節。

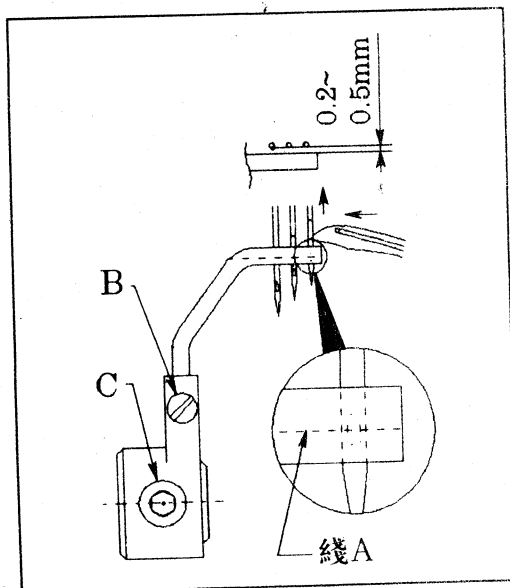
固定式



6-2 護針傍(前)的位置

擰松螺釘B進行調節，使彎針尖經過右針中心時，右針的針孔中心與護針傍(前)的綫A重疊，與車針平行。

此外，擰松螺釘C進行調節，使針與護針傍(前)的間隙為0.2~0.5mm。

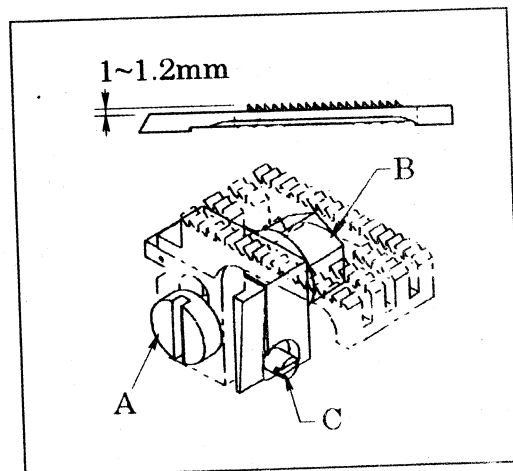


[7] 送布牙與針腳長度的調節

7-1 送布牙的高度與平行(傾斜)

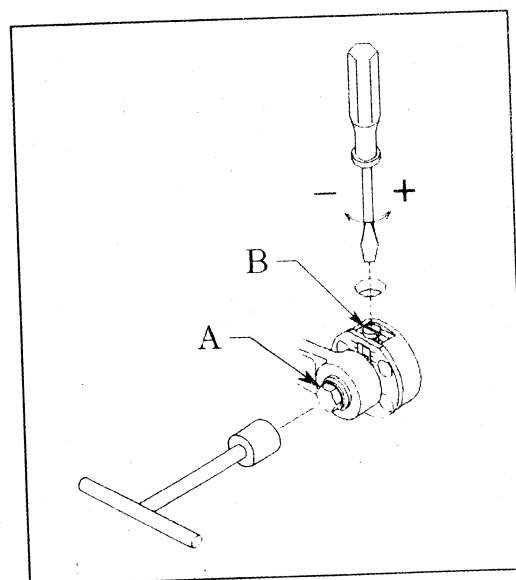
- 請把送布牙的高度設定為當送布牙上升到最上部時的高度為離針板上面1.0~1.2mm的位置。(EHD為1.5mm)
調節方法：先擰松定位螺釘A然後進行調節。

- 當送布牙上升到最上部時的標準傾斜狀態是與針板上面平行。
調節方法：擰松螺母B，運轉調節螺釘C進行調節。



7-2 針腳長度的調節

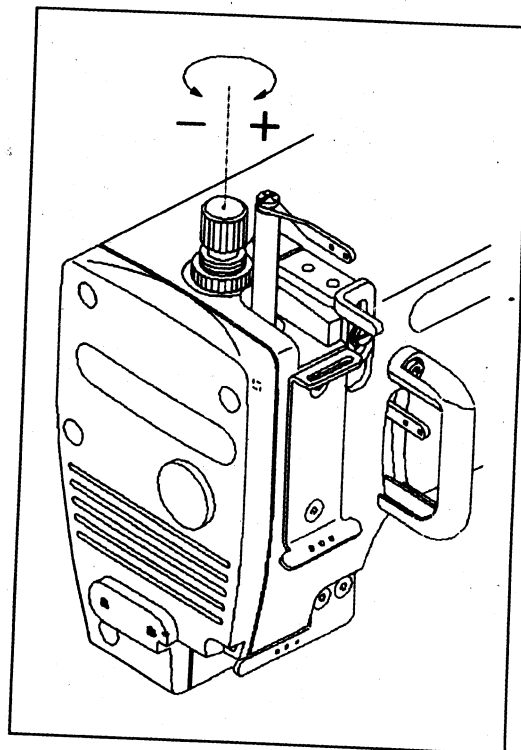
如圖所示，用9.5mm T型套管扳手擰松螺栓A(左螺紋)，旋轉螺釘B進行調節。向右旋轉時，針腳長度變小，向左旋轉時，針腳長度變大。



[8] 壓腳的調節

8-1 壓腳壓力的調節

在保證穩定的線迹和穩定的送布運動前提下，盡可能壓力調小一些。如圖所示，按順時針方向轉動，壓力增加。



8-2 壓腳的位置和提升量

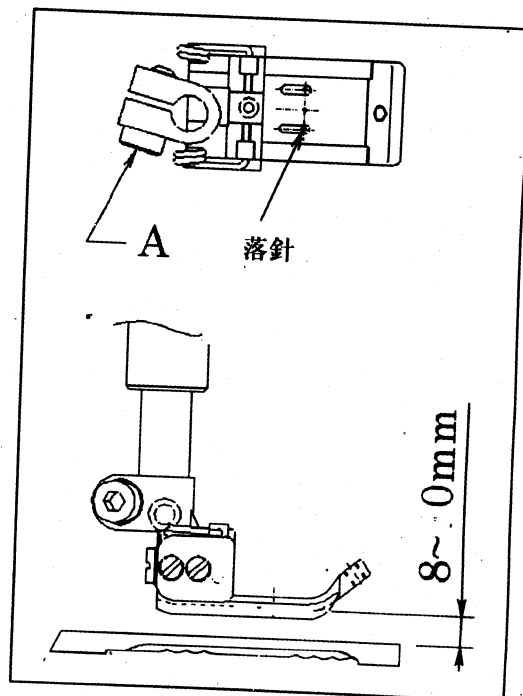
壓腳要正確地安裝在壓布杆上，并使針落在壓腳的落針孔的中心。

■ 壓腳的位置

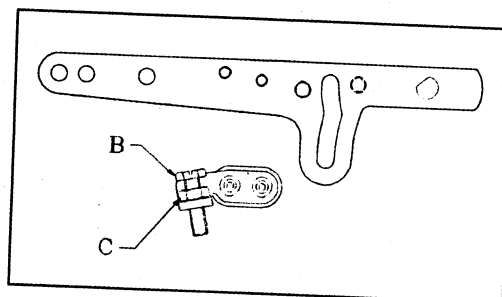
擰松定位螺釘A，一邊確認針是否落在壓腳的落針孔的中心，一邊左右移動壓腳進行調節。

■ 壓腳的提升量

離針板上表面8~10mm。



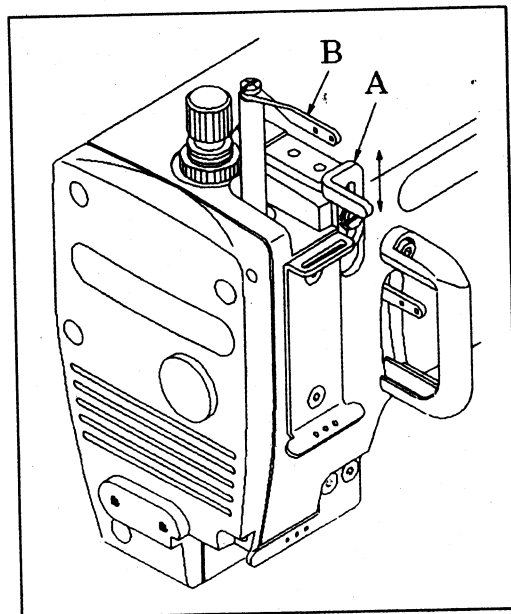
決定壓腳提升杆限位器B的位置，使壓腳提升杆不能下降過這個位置，然后用螺母C固定。



[9] 有關縫紉狀態的調節

9-1 上夾綫器的位置

當針杆在最下點時，針杆導綫器A的綫孔中心與上夾綫器B的上面在同一高度，而且A與B呈平行狀態為標準狀態。擰松定位螺釘C，上下移動調節上夾綫器B的高度。向上移動時，針綫抽緊；向下移動時，針綫放鬆。

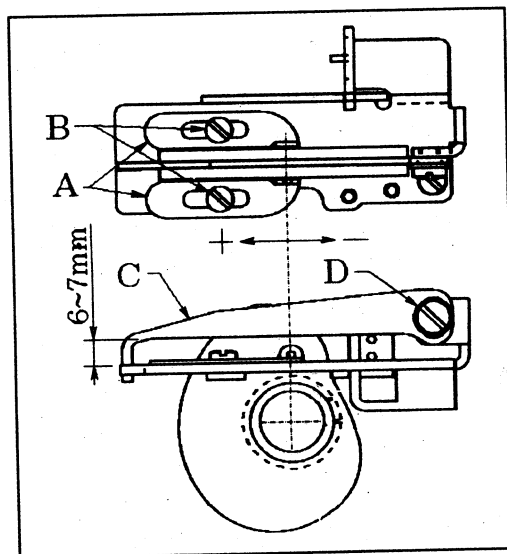


9-2 扇形過綫器的位置

過綫器A的安裝位置以綫孔在軸中心為基準。

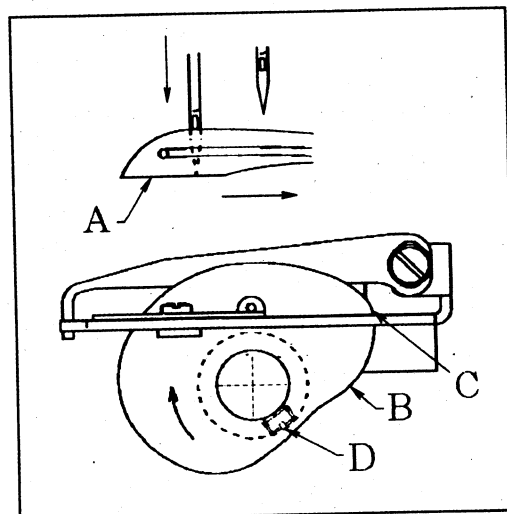
根據綫或布料等的使用條件的不同，在A綫孔的位置擰松螺釘B進行調節。向后移動時，縫紉綫的伸出量增多；向前移動時，縫紉綫伸出量減少。

然後，擰松螺釘D進行調節，使下綫C的位置離夾子臺上面6~7mm。



9-3 扇形過綫器的調節

用螺釘D進行調節，使彎針從最左的位置向右移動，針尖通過彎針下面A綫時，彎針綫不要碰到扇形過綫器B的最高位置C點，然後固定下來。



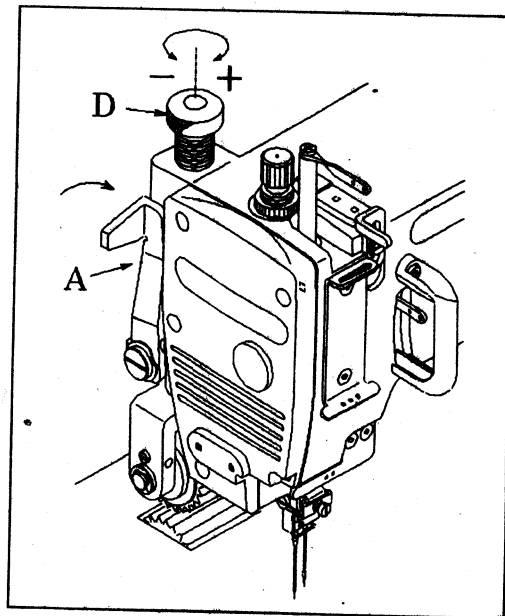
[10] 后拉料裝置的調節

10-1 手動抬杆

當布料裝機時或縫紉后、卸下布料時，請先提起手動抬杆A。

10-2 拉料器的壓腳壓力的調節

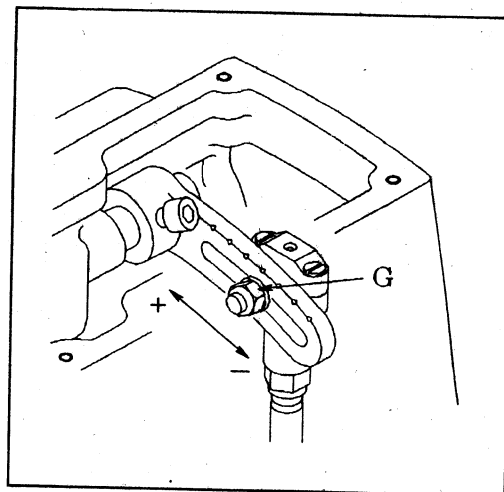
在可以順暢地推送布料的範圍內，盡量調低拉料器的壓布壓力。增大壓布壓力時，沿順時針方向旋轉調節螺釘D；減弱壓布壓力時，沿逆時針方向旋轉調節螺釘。



10-3 送布量的調節

拉料器的送布量要配合送布牙的送布量。

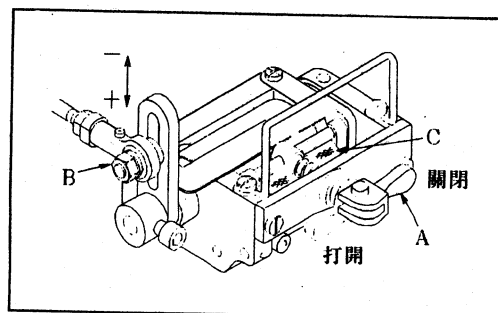
調節方法：擰松螺母G，向左方向時，送布量增大，向右方向時，送布量變少。



[11] 關於縫紉狀態的調節

11-1 松緊帶的安裝方法與送布量的調節

松緊帶的安裝方法：如圖所示，通過用拉杆A開閉小滾輪C進行安裝。拉料器的送布量要配合送布牙的送布量。調節方法：擰松螺母B，向上方向時，送布量變少，向下方向時，送布量增大。



[12]BK 輔助推送裝置的調節

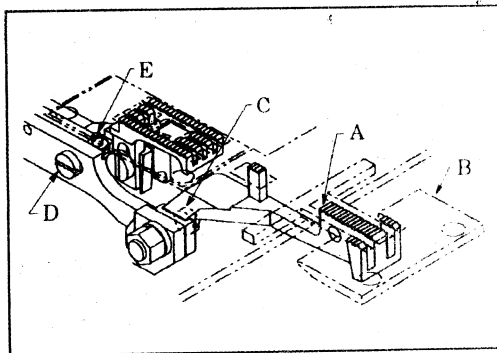
12-1 輔助送布牙的高度與平行(傾斜)

- 調節輔助送布牙A的高度，當送布牙上升到最高處時的高度，應離輔助推送板B的上面1.5mm處。

調節方法：擰松螺釘C后進行。

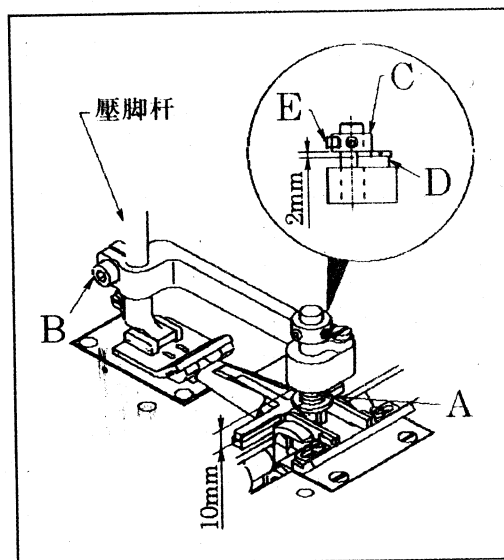
- 輔助送布牙A的傾斜以送布牙上升到最高處時的傾斜與輔助推送板平行的傾斜為標準。

調節方法：擰松螺釘D，旋轉調節螺釘E，進行調節。



12-2 輔助壓腳的安裝方法

在彈簧A收縮大約10mm的位置上用螺釘B把輔助壓腳固定在壓腳杆上。此外，套環C在與導軌板D間隔2mm處用螺釘E擰緊。



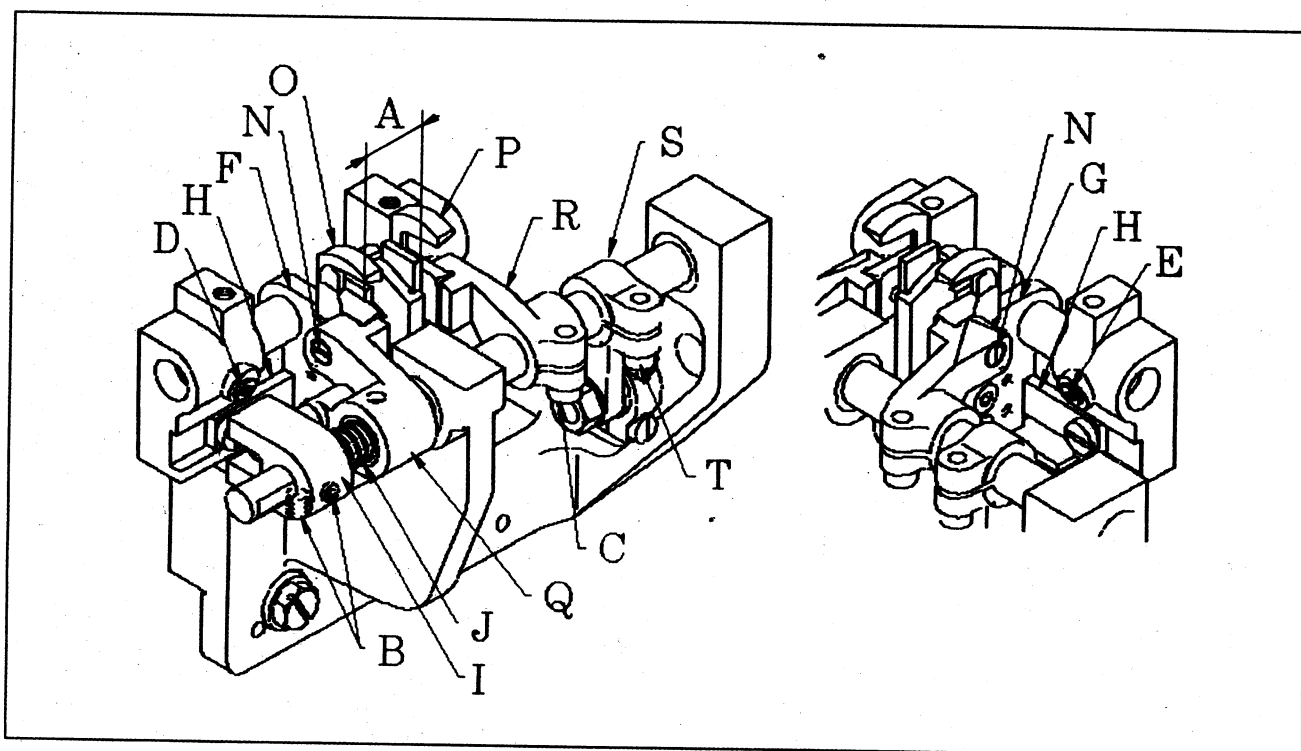
[13]BK 前刀片裝置的調節

13-1 刀片寬度的調節

刀片寬A按照支架的尺寸由針杆中心分配調節。

■ 調節方法

1. 擰松螺釘B, C, 解放左右上刀片。
2. 擰松螺釘D, E, 決定左右下刀片的刀片寬度。
3. 把左右下刀片安裝臺F, G頂住導軌板H, 然後擰緊螺釘D, E。
4. 把上刀片右P頂住下刀片, 然後用螺釘C擰緊。
5. 把上刀片左O頂住下刀片, 上刀片支架移到右邊, 按壓彈簧J把螺釘B平放着擰緊。



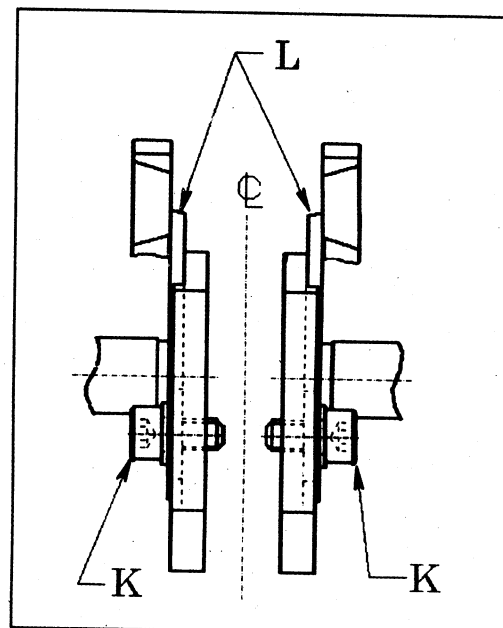
13-2 下刀片的拆卸及安裝方法

■ 下刀片的拆卸方法

1. 擰松螺釘B, 把上刀片支架I向左移, 彈簧在放鬆狀態。
2. 取下下刀片定位螺釘K和取下下刀片。

■ 下刀片的安裝方法

1. 把下刀片L的刀頭向外, 安裝在下刀片安裝臺F和G上。
2. 下刀片L的刀頭對齊輔助推送板M的上面, 然後擰緊定位螺釘K。
3. 把上刀片支架I向右移, 按壓彈簧J用螺釘B平放着擰緊。



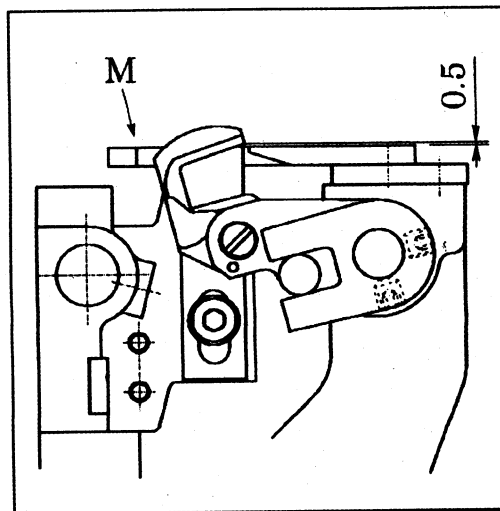
13-3 上刀片的拆卸及安裝方法

■ 上刀片的拆卸方法

1. 擰松螺釘B，把上刀片支架I向左移，彈簧處於放鬆狀態下。
2. 擰松上刀片的定位螺釘N，把上刀片O，P向上方拔出。

■ 上刀片的安裝方法

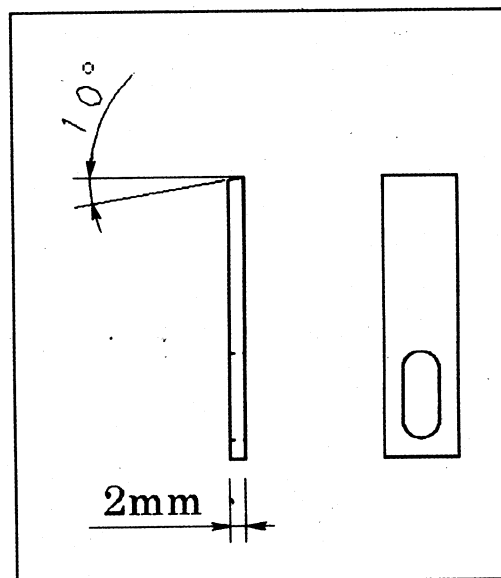
1. 把上刀片沿上刀片支架Q，R的導軌插入最裏面，擰松定位螺釘N。
2. 把上刀片支架I向右移，按壓彈簧J，把螺釘B平放着擰緊。



13-4 上刀片與下刀片的嚙合

當上刀片O，P降到最下部時，上刀片與下刀片的嚙合如圖所示，刀頭之間有0.5mm的間隙。

調節方法：擰松上刀片驅動拉杆S的定位螺釘T進行調節。



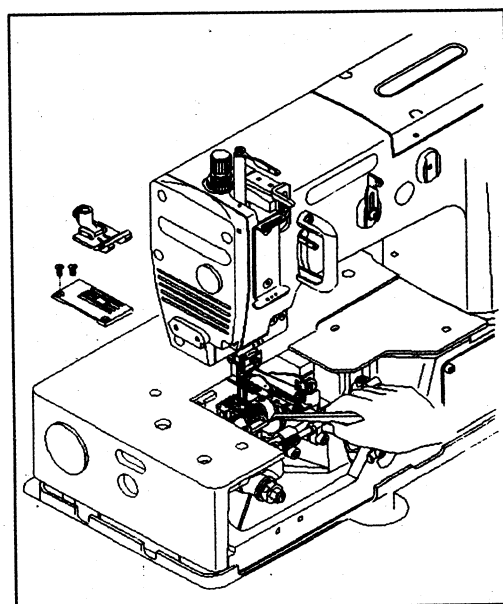
13-5 下刀片的研磨方法

當刀片的切割狀況變壞時，請研磨下刀片。

此外，建議時常準備備用的上刀片、下刀片。

[14] 縫紉機的清掃

作業結束後，請拆下壓腳和針板，將針板的槽、送布牙的周圍打掃干淨。



CONTENTS

1. NEEDLES & THREADING THE MACHINE

- 1-1 Needles 1
- 1-2 Replacing the needle 1
- 1-3 Threading the machine 1

2. MACHINE SPEED

- 2-1 Machine speed & direction in which the machine pulley runs 2
- 2-2 Motor & belt 2

3. LUBRICATION

- 3-1 Oil 3
- 3-2 Oiling 3
- 3-3 Replacing the oil and the filter element ... 3

4. SEWING MACHINE INSTALLATION

- 4-1 Cutting the machine table 4
- 4-2 Installing the machine 5

5. TIMING OF THE LOOPER TO THE NEEDLES

- 5-1 Angle and height for installing the looper .. 5
- 5-2 Looper left-to-right movement 6
- 5-3 Looper setting distance 6
- 5-4 Needle height 6
- 5-5 Needle/looper front-to-back relationship .. 7

6. ADJUSTING THE NEEDLE GUARDS

- 6-1 Position of the needle guard (rear) 7
- 6-2 Position of the needle guard (front) 8

7. ADJUSTING THE FEED DOG & STITCH LENGTH

- 7-1 Feed dog height & tilt 8
- 7-2 Stitch length 8

8. ADJUSTING THE PRESSER FOOT

- 8-1 Presser foot pressure 9
- 8-2 Position of the presser foot & foot lift 9

9. ADJUSTING THE STITCH FORMATION

- 9-1 Position of the thread support 10
- 9-2 Position of the looper thread eyelets 10
- 9-3 Position of the looper thread take-up 10

10. ADJUSTING THE REAR PULLER DEVICE

- 10-1 Manual lever 11
- 10-2 To adjust the puller pressure 11
- 10-3 Adjusting the feeding amount of the rear puller 11

11. ADJUSTING THE FRONT PULLER DEVICE

- 11-1 To insert elastic and adjust the feeding amount of the front puller 11

12. ADJUSTING THE BK AUXILIARY FEEDING DEVICE

- 12-1 Auxiliary feed dog height & tilt 12
- 12-2 Installing the auxiliary presser foot 12

13. ADJUSTING THE BK FRONT KNIFE DEVICE

- 13-1 Adjusting the clearance between the left and right knives 13
- 13-2 Disassembling/reassembling the lower knives 13
- 13-3 Disassembling/reassembling the upper knives 14
- 13-4 Overlap of the upper and lower knives ... 14
- 13-5 Resharpener the lower knives 14

14. CLEANING THE MACHINE

14

[1] NEEDLES & THREADING THE MACHINE

1-1 Needles

UY128GAS of Schmetz or Organ

Select the proper needle for the fabric and thread.

< Needles and needle size> Except 1701, 1702EHD

Schmetz	Nm75	Nm80	Nm90	Nm100	Nm110
Organ	#11	#12	#14	#16	#18

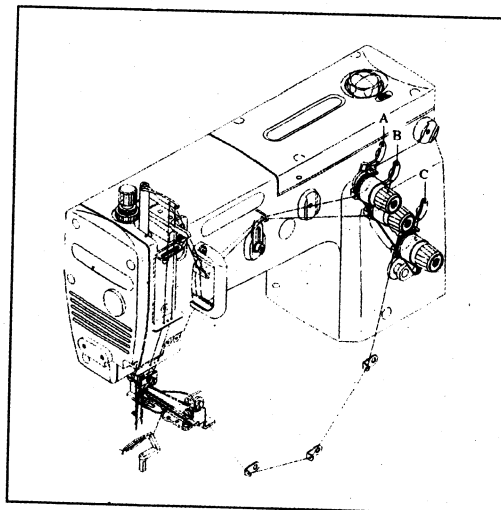
- 1701EHD.....DR2 Nm200, #25
- 1702EHD.....UY143GS Nm200, #25

1-2 Replacing the needle

When replace the needle, check the needle carefully to see that the scarf is turned to the rear of the machine (see the illustration). Then install the needle correctly.

<Note>

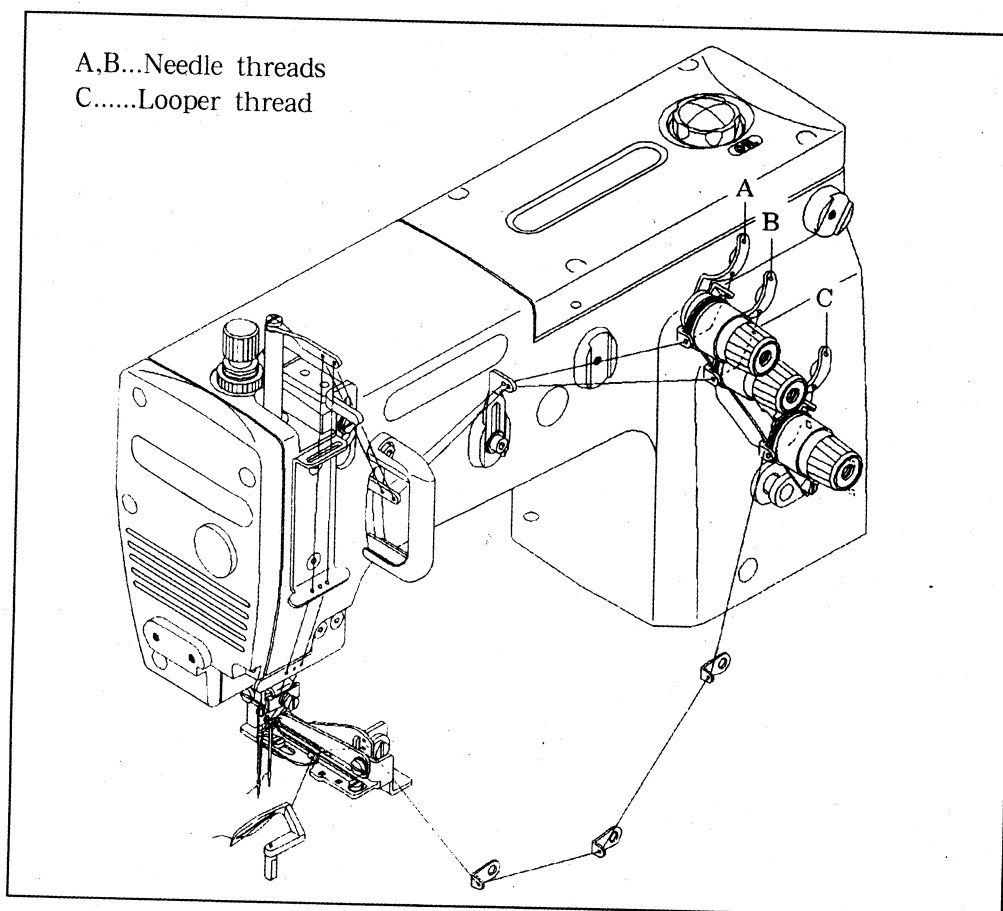
Before replacing the needle, be sure to turn off the machine. A clutch motor continues running for a while after the machine is turned off. Therefore keep on pressing the pedal until the machine stops.



1-3 Threading the machine

Thread the machine correctly by referring to the illustration below.

Threading the machine incorrectly may cause skip stitching, thread breakage and/or uneven stitch formation.



[2] MACHINE SPEED

2-1 Machine speed & direction in which the machine pulley runs

Refer to the table below for maximum and standard speeds of the Series. To extend machine life, run the machine approximately 15-20% below the maximum speed for the first 200 hours of operation (approx. 1 month). The machine pulley turns counterclockwise as seen from the end of the machine pulley.

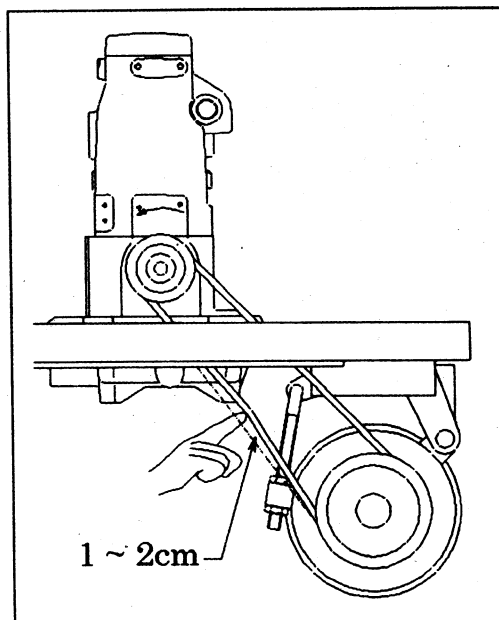
2-2 Motor & belt

Motor: 3-phase, 2-pole, 400 W clutch motor

Belt: M type V belt

Select the proper motor pulley according to the machine speed (refer to the motor pulley outer diameter on the table below).

Adjust where to position the motor by pressing the finger onto the middle of the belt so that 1-2cm deflection can be obtained (see the illustration on the right).



< Machine speed >

Type	Maximum speed	Standard speed
P, PMD, B	4500SPM	4000SPM
BK, EHD, MLH	4000SPM	3500SPM

< Motor pulley selection table >

Motor pulley outer diameter (mm)	Machine speed (SPM)	
	50Hz	60Hz
70	2900	3450
80	3300	3900
90	3700	4400
100	4100	(4900)
110	4500	

[3] LUBRICATION

3-1 Oil

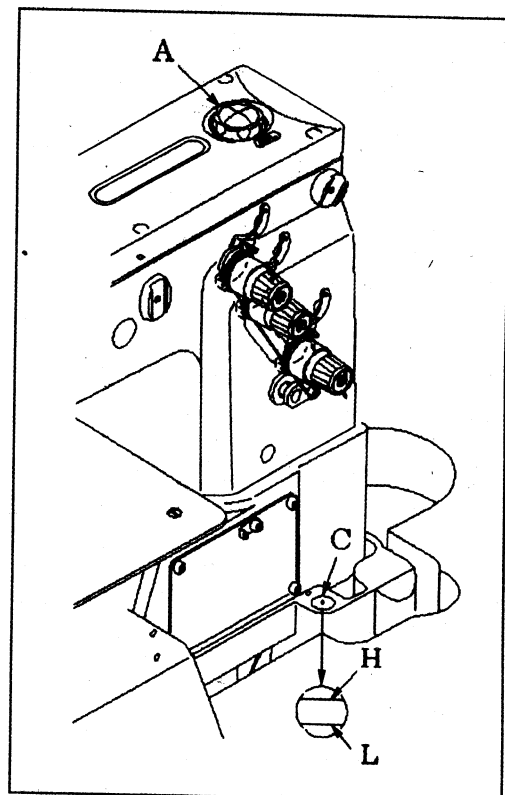
Use Our Special's genuine oil.
(Part No. 28-611)

3-2 Oiling

To fill the machine with oil Remove oil plug A from the oil hole. Fill the machine with oil until the oil level is at the top line (see H in the illustration) on oil gauge C. After the first lubrication, add oil so that the oil level will be between H and L.

To check for proper oil flow

After filling the machine with oil, run the machine to check the oil is splashing from oil pipe outlet B.

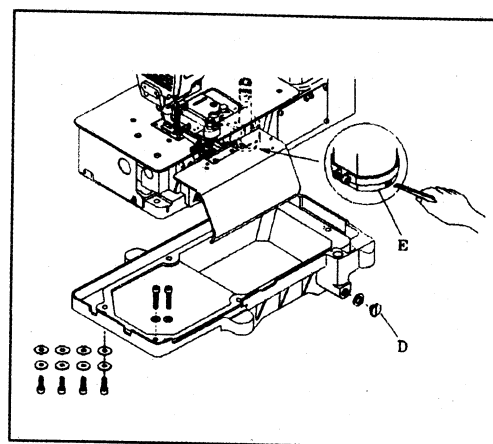


3-3 Replacing the oil and the filter element

To extend machine life, be sure to replace the oil after the first 250 hours of operation.

To replace the oil ,follow the procedures below,

1. Remove the V belt from the motor pulley and then remove the machine from the table.
2. Remove screw D and then drain the oil. Be careful not to stain V belt with the oil.
3. After draining the oil, be sure to tighten screw D.
4. Fill the machine with oil by referring to 3-2 shown above.



If filter element E is contaminated, proper oiling may not be performed.

Clean the filter element every six months. If just a little or no oil flows out from the nozzle with the proper amount of oil in the machine, check the filter element.

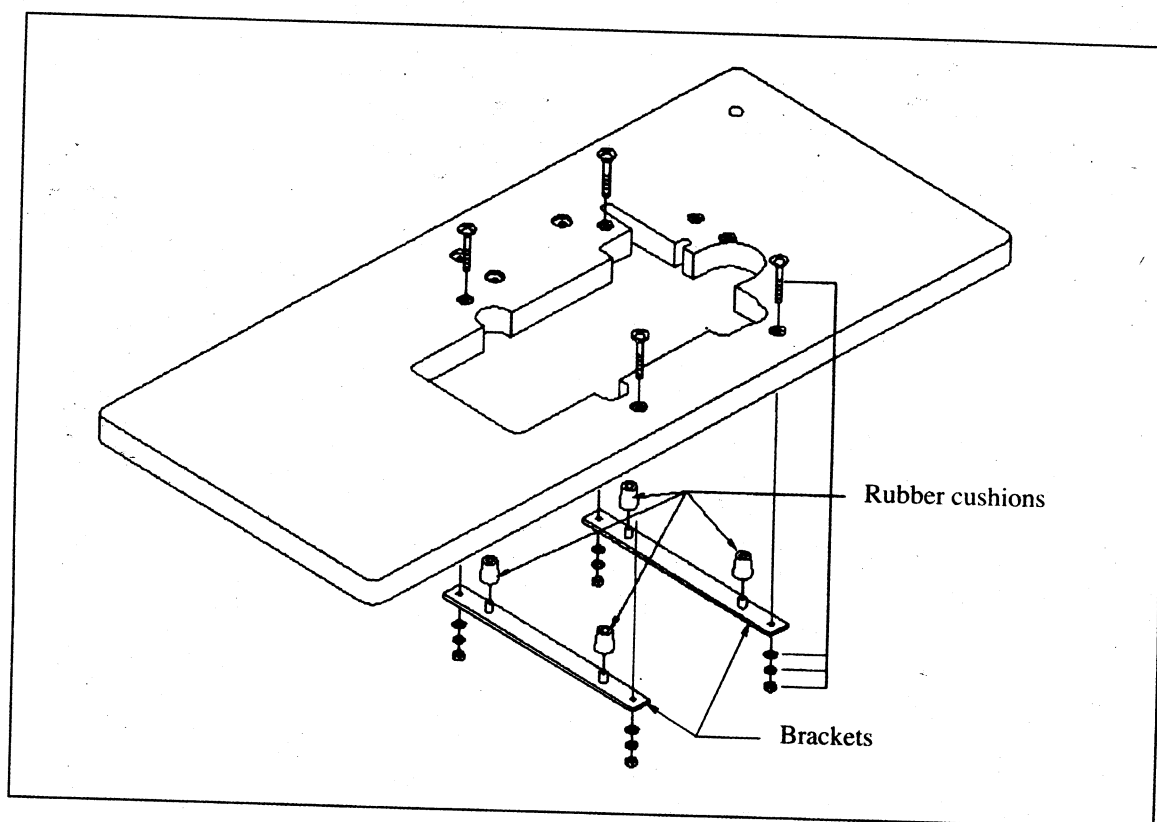
To clean the filter element, remove oil reservoir.

4-1 Cutting the machine table



4-2 Installing the machine

Install the brackets on the underside of the table board (see the illustration below).
Fit the rubber cushions onto the brackets.
Mount the machine head on the rubber cushions.



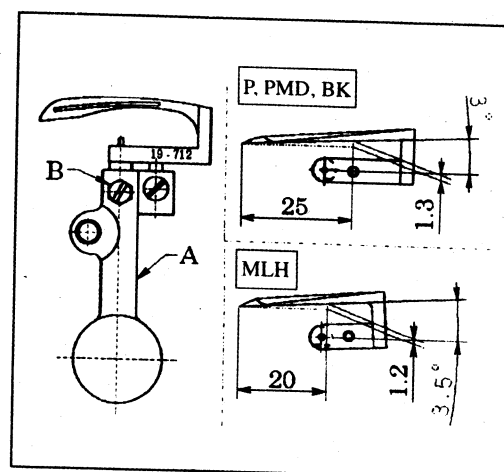
[3] TIMING OF THE LOOPER TO THE NEEDLES

5-1 Angle and height for installing the looper

To obtain the proper angle and height, insert the looper fully into looper holder A and then tighten screw B. The proper angle for the looper on P, PMD, B, BK is 3° . Distance at 25mm from the point of the looper between the bottom of the looper blade and the extension line from the point of the looper: Approximately 1.3mm.

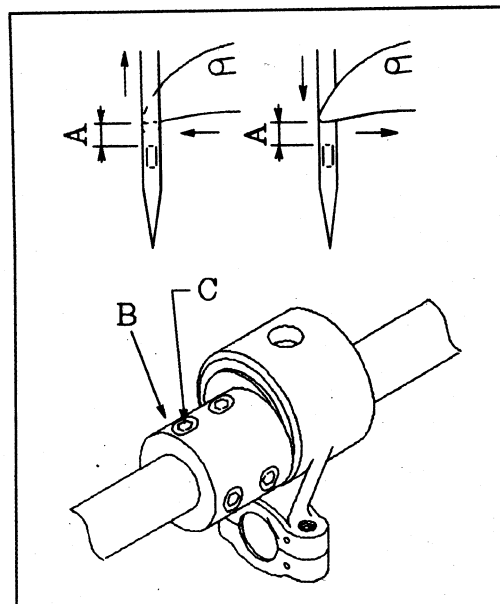
The proper angle for the looper on MLH is 3.5° . Distance at 20mm from the point of the looper between the bottom of the looper blade and the extension line from the point of the looper;

Approximately 1.2mm. The proper angle for the looper on EHD is 0° .



5-2 Looper left-to-right movement

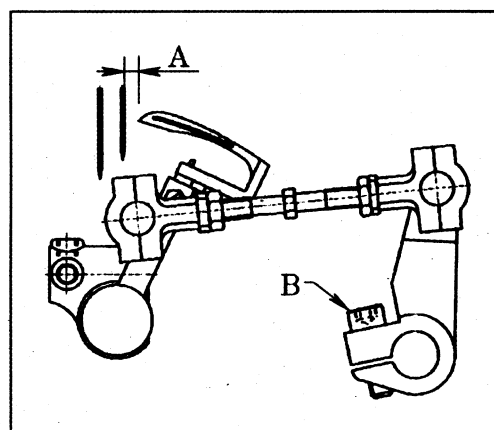
When the point of the looper moves from the right/left to the left/right, distance A from the top of the left needle's eye to the point of the looper at the left side of the left needle should be equal (see the illustration on the right). To make this adjustment, remove the machine cover, loosen three screws C on looper eccentric B and then shift looper eccentric B by turning the machine pulley while holding looper eccentric B.



5-3 Looper setting distance

When the looper is at the extreme right end of its travel, adjust distance A from the point of the looper to the right side of the right needle. This distance varies by model and/or gauge size (see the table below). Adjustment is made by loosening screw B.

Model (gauge size)	Setting distance A (mm)
P, PMD, MLH(1/8, 5/32)	5.2
P, PMD, (3/16, 7/32, 1/4)	4.4
B, BK, PBK	4.0
EHD	5.0



5-4 Needle height

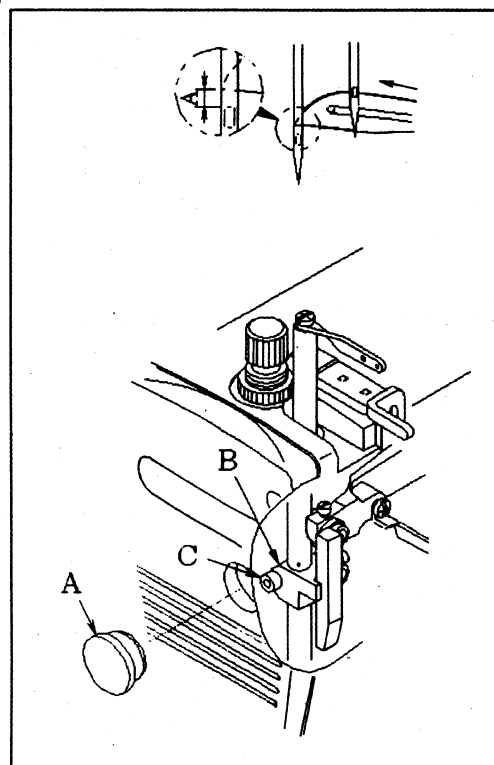
When the point of the looper has reached the left side of the left needle with the machine pulley turned in the operating direction adjust distance A from the top of the left needle's eye to the point of the looper on the back side of the needle.

This distance varies by model and/or gauge size (see the table below).

<Note>

After the above adjustment is made, install the needle plate and then check or make sure each needle drops correctly into the center of the each needle drop hole.

Model	A (mm)
P, PMD, MLH	1.2~1.5
B, BK, PBK	0~0.5
EHD	2~2.5



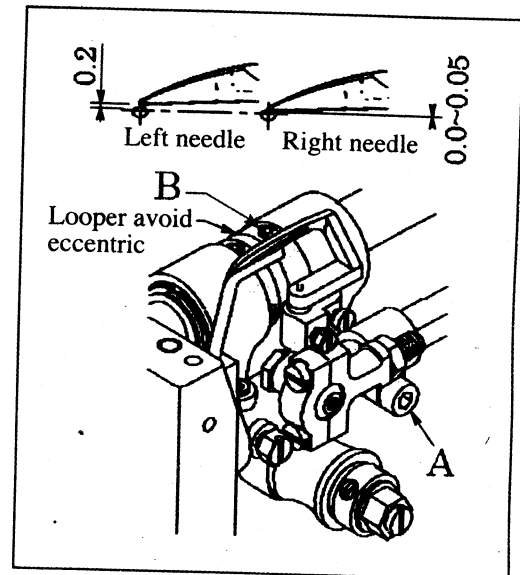
5-5 Needle/looper front-to-back relationship

When the looper passes on the back side of the needle, the clearance between the right needle and the looper should be 0~0.05mm. Adjustment is made by loosening screw A. The clearance between the left needle and the looper should be 0.2mm.

Adjustment is made by loosening screw B on the looper avoid eccentric.

To increase the clearance, turn the looper avoid eccentric toward the back side of the machine.

To decrease the clearance, turn the looper avoid eccentric toward the front side of the machine.



[6] ADJUSTING THE NEEDLE GUARDS

6-1 Position of the needle guard (rear)

■ Movable type (for models except BK, PBK)

When the point of the looper has reached the center of the right needle, the distance from the point of the right needle to line (a) on needle guard A should be 1mm (approximately 2mm on EHD). Then the clearance between the needle and the needle guard should be 0mm.

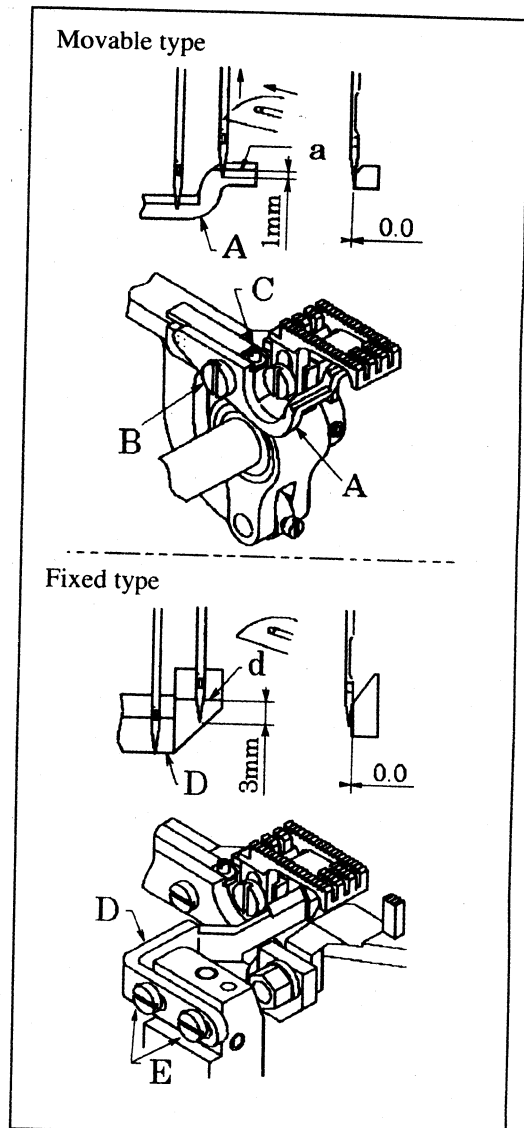
Adjustment is made by loosening screw B and turning screw C to move the needle guard up or down and/or front or back as required.

■ Fixed type (for BK, PBK)

When the needle bar is at the bottom of its stroke, the distance from the point of the right needle to line (d) on needle guard D should be approximately 3mm.

Then the clearance between the needle and the needle guard should be 0mm.

Adjustment is made by loosening screws E.



6-2 Position of the needle guard (front)

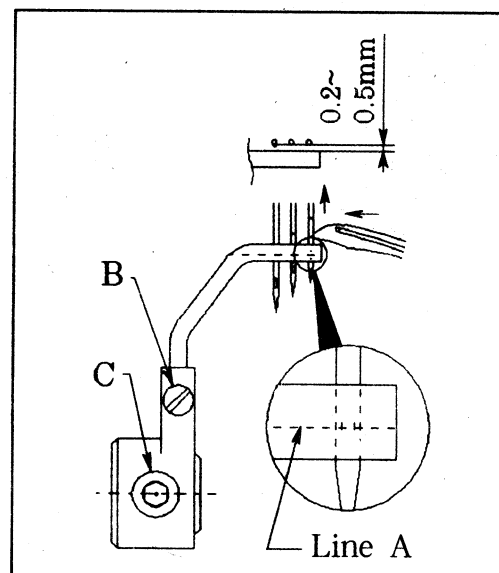
When the point of the looper has reached the center of the right needle, the center of the right needle's eye should be aligned with line A on the needle guard (front).

In addition, the left and right needles should be parallel with the needle guard (front).

Adjustment is made by loosening screw B.

The clearance between the needles and the needle guard (front) should be 0.2~0.5mm.

Adjustment is made by loosening screw C.



[6] ADJUSTING THE FEED DOG & STITCH LENGTH

7-1 Feed dog height & tilt

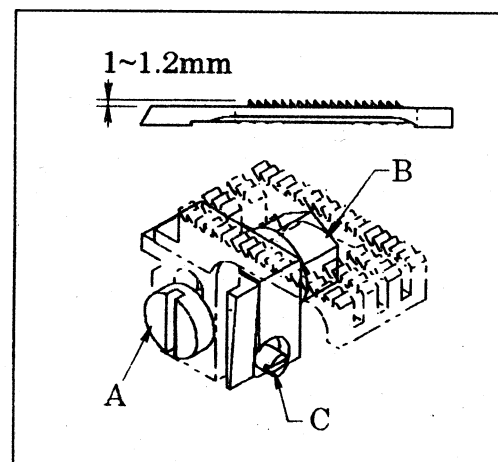
■ Height adjustment

The feed dog is at the top of its stroke, the feed dog teeth should be 1.0~1.2mm (1.5mm on EHD) above the top surface of the needle plate.

Adjustment is made by loosening screw A.

■ Tilt adjustment

When the feed dog is at the top of its stroke, the feed dog teeth should be parallel with the top surface of the needle plate. Adjustment is made by loosening screw B and turning screw C.

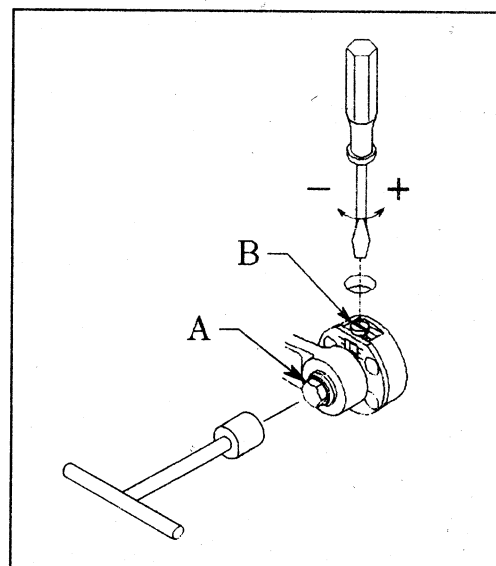


7-2 Stitch length

Loosen bolt A (left-hand thread) with a 9.5mm T-wrench.

Then turn screw B. To increase the stitch length, turn screw B counterclockwise.

To decrease the stitch length, turn screw B clockwise.

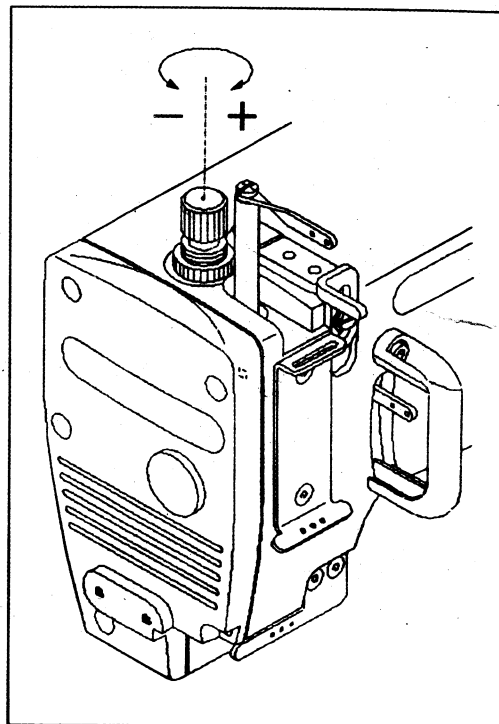


[8] ADJUSTING THE PRESSER FOOT

8-1 Presser foot pressure

The presser foot pressure should be as light as possible, yet be sufficient to feed the fabric and produce uniform stitches.

To increase the presser foot pressure, turn the adjusting knob clockwise.



8-2 Position of the presser foot & foot lift

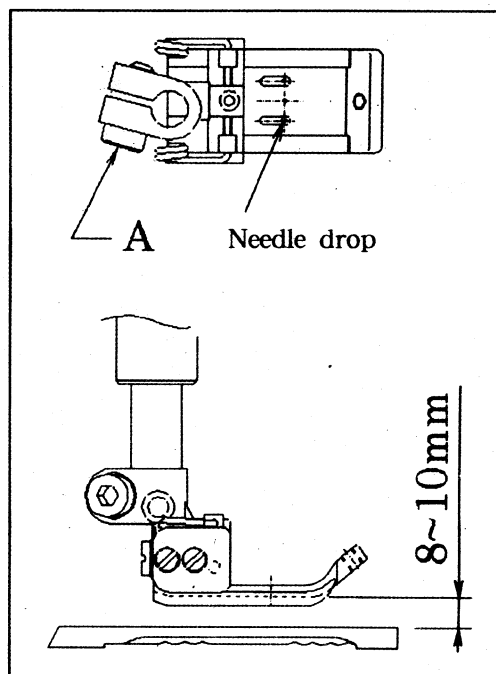
Fit the presser foot onto the presser bar so that the needle can drop correctly to the center of the presser foot needle drop hole.

■ Position of the presser foot

Loosen screw A. Adjust by moving the presser foot left or right while checking to make sure the needle drops correctly to the center of the presser foot needle drop hole.

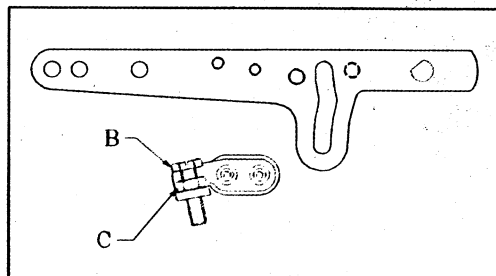
■ Foot lift

The presser foot should be 8~10mm above the top surface of the needle plate.



Set stopper B at the required position.

Fasten the presser foot lift lever with nut C so that the lever cannot be lowered.

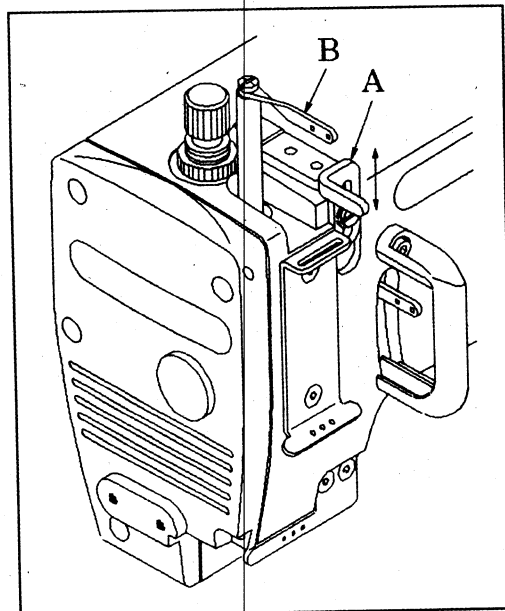


[9] LUBRICATION

9-1 Position of the thread support

When the needle bar is at the bottom of its stroke, the centers of the eyes on thread eyelet A should be level with the top surface of thread support B, and A should be parallel with B.

Height adjustment of thread support B is made by loosening screw C and moving thread support B up or down. Moving thread support B up tightens the needle thread. Moving thread support B down loosens the needle thread.



9-2 Position of the looper thread eyelets

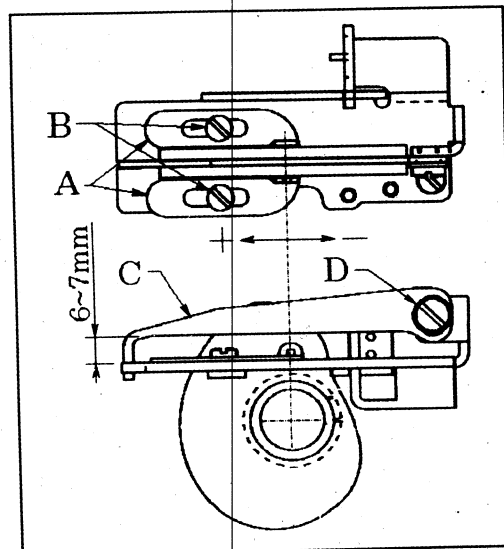
Align the eyes on looper thread eyelets A with the center of the shaft. Adjust the position of the eyes on looper thread eyelets A by loosening screws B according to the sewing conditions such as the fabric and/or thread to be used.

To increase the amount of the looper thread to be supplied, move looper thread eyelets A toward the rear side of the machine.

To decrease the amount of the looper thread to be supplied, move looper thread eyelets A toward the front side of the machine.

Thread guide C should be 6-7mm above the top surface of the guide plate.

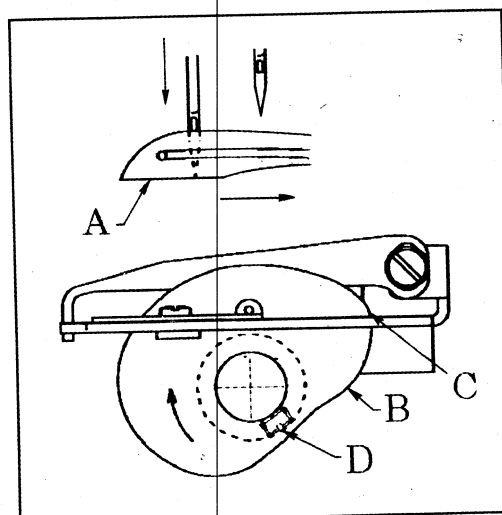
Adjustment is made by loosening screw D.



9-3 Position of the looper thread take-up

When the point of the needle has reached bottom surface A of the looper blade while the looper is moving to the right from the extreme left end of its travel, the looper thread should be removed from point C on looper thread take-up B.

Adjustment is made by loosening and then tightening screw D.



[10] ADJUSTING THE REAR PULLER DEVICE

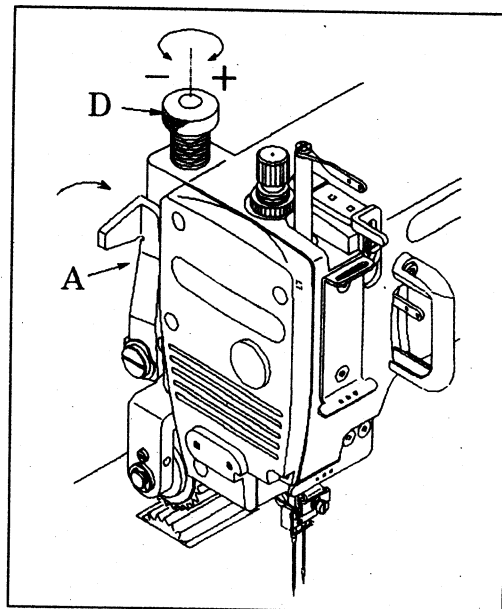
10-1 Manual lever

To position or remove the fabric, raise manual lever A.

10-2 To adjust the puller pressure

The puller pressure should be as light as possible, yet be sufficient to feed the fabric smoothly.

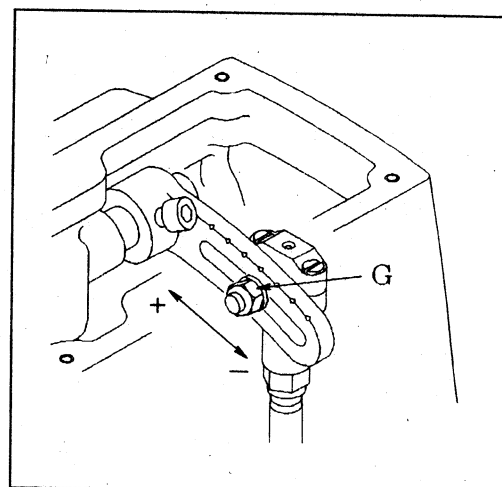
To increase the pressure, turn adjusting knob D clockwise. To decrease the pressure, turn adjusting knob D counterclockwise.



10-3 Adjusting the feeding amount of the rear puller

Adjusting the feeding amount of the rear puller according to that of the feed dog.

To increase the amount, loosen nut G and move it to the left. To decrease the amount, move it to the right.



[11] ADJUSTING THE FRONT PUTTER DEVICE

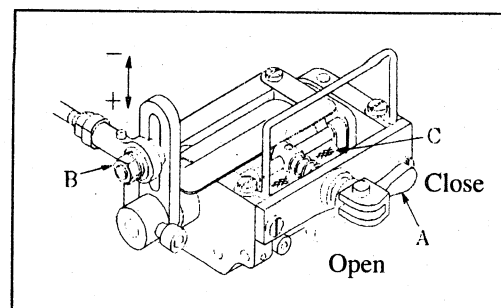
11-1 To insert elastic and adjust the feeding amount of the front puller

Insert elastic by opening/closing small roller C with lever A (see the illustration).

Adjust the feeding amount of the front puller according to that of the feed dog.

To decrease the amount, loosen screw B and move it up.

To increase the move it down.



[12] ADJUSTING THE BK AUXILIARY FEEDING DEVICE

12-1 Auxiliary feed dog height & tilt

■ Height adjustment

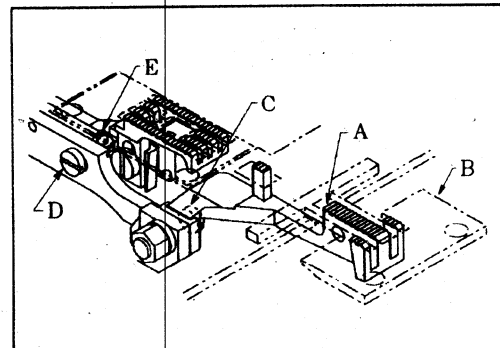
When auxiliary feed dog A is at the top of its stroke, the auxiliary feed dog teeth should be 1.5mm above the top surface of auxiliary feed dog plate B.

Adjustment is made by loosening screw C.

■ Tilt adjustment

When auxiliary feed dog A is at the top of its stroke, auxiliary feed dog A should be parallel with auxiliary feed dog plate B.

Adjustment is made by loosening screw D and turning screw E.



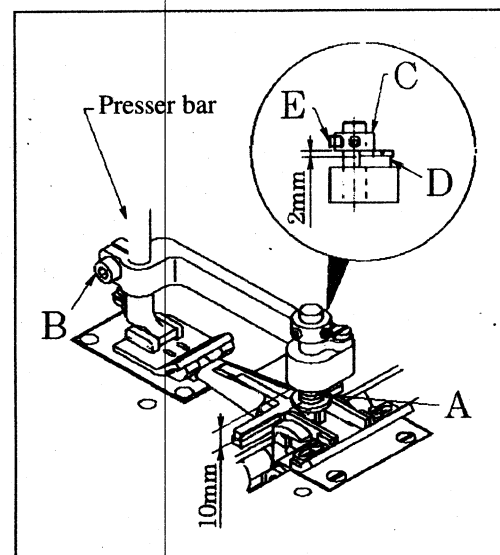
12-2 Installing the auxiliary presser foot

Install the auxiliary presser foot on the presser bar with spring A pressed down to approximately 10mm.

Then tighten screw B.

Position collar C so that there is a clearance of 2mm between collar C and guide plate D.

Then tighten screw E.



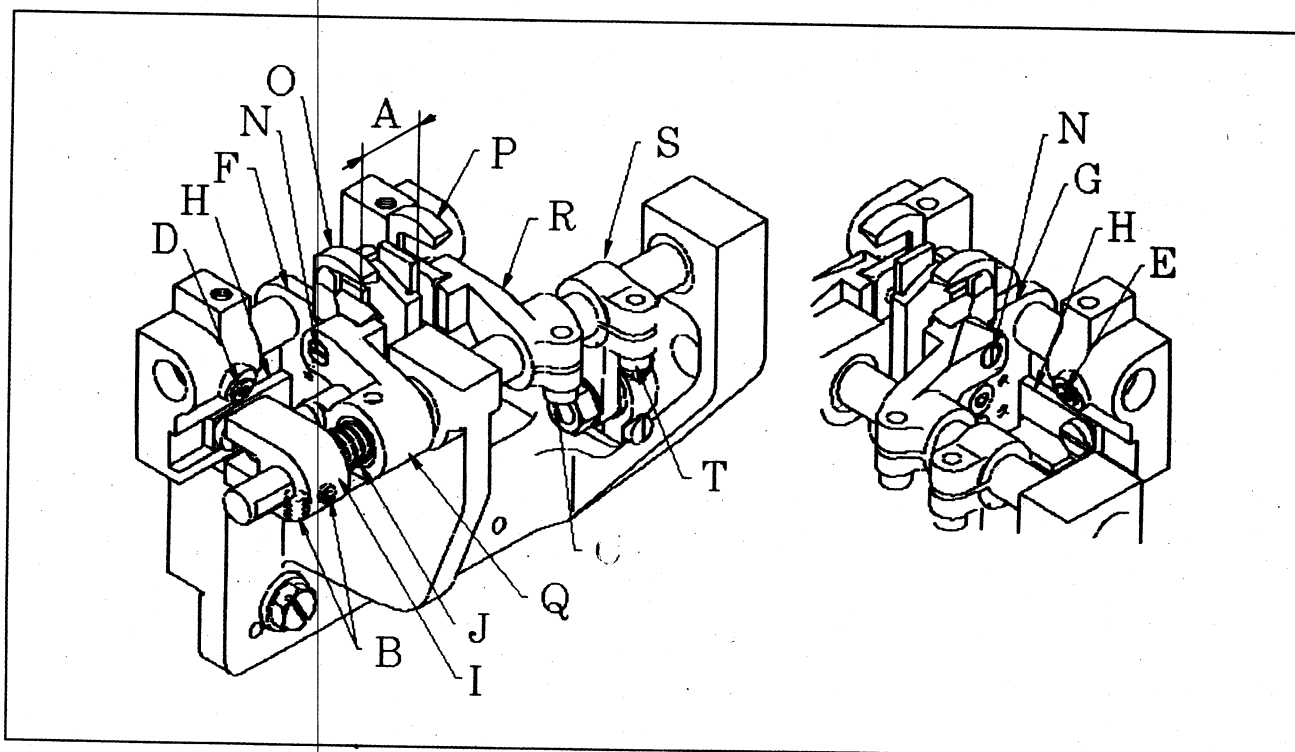
[13] ADJUSTING THE BK FRONT KNIFE DEVICE

13-1 Adjusting the clearance between the left and right knives

Clearance A should be divided into half by the center line of the needle bar.

■ To make the above adjustment

1. Loosen the upper (left and right) knives by loosening screws B and C.
2. To adjust the clearance between the lower left and right knives, loosen screws D and E.
3. Fit lower knife (left and right) holders F and G onto guide plates H.
4. Fit upper knife (right) P onto the lower knife (right). Then tighten screw C.
5. Fit upper knife (left) O onto the lower knife (left). Move upper joint bracket I to the right to press spring J. Then tighten screws B while pressing them to the flat spot.



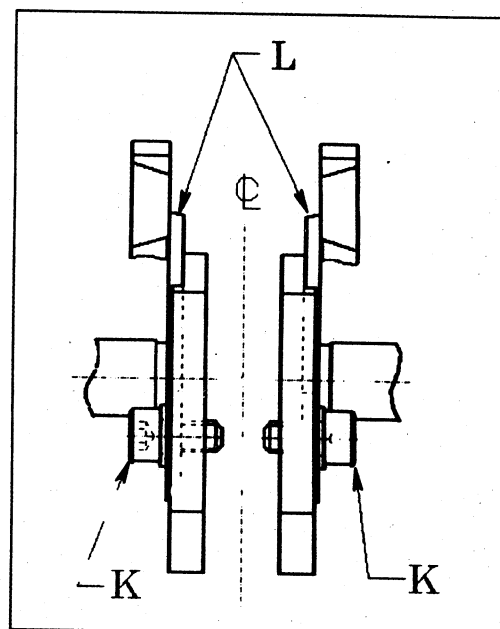
13-2 Disassembling/reassembling the lower knives

■ To disassemble the lower knives

1. Loosen screws B.
Move upper knife joint bracket I to the left so that the spring can be released.
2. Remove the lower knives by removing screws K.

■ To reassemble the lower knives

1. Install lower knives L on knife holder F or G with the point of each cutting edge turned outside.
2. Adjust lower knives L so that each cutting edge of lower knives L is flush with the top surface of auxiliary feed dog plate. Then tighten screws K.
3. Move upper joint bracket I to the right to press spring J. Then tighten screws B while pressing them to the flat spot.



13-3 Disassembling/reassembling the upper knives

■ To disassemble the upper knives

1. Loosen screws B.

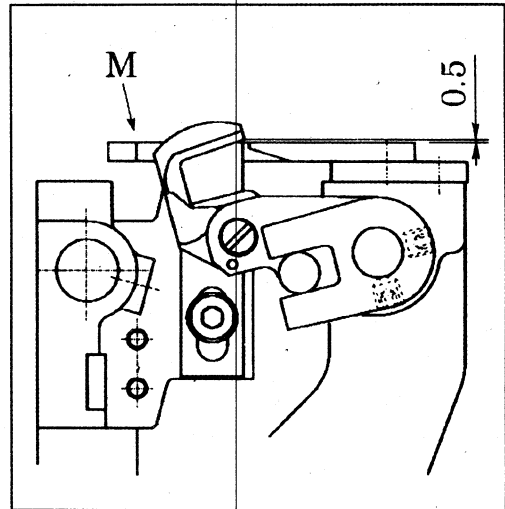
Move upper knife joint bracket I to the left so that the spring can be released.

2. Loosen screws N. Remove upper knives O and P by moving them up.

■ To reassemble the upper knives

1. Insert the upper knives to the proper depth along the guides on upper knife brackets Q and R. Then tighten screws N.

2. Move upper joint bracket I to the right to press spring J. Then tighten screws B while pressing them to the flat spot.



13-4 Overlap of the upper and lower knives

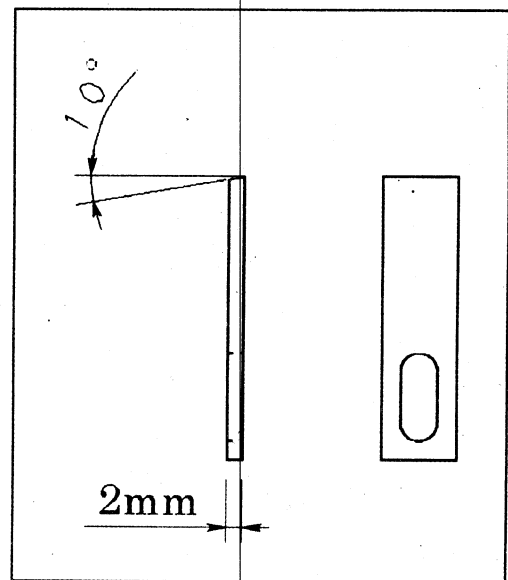
When upper knives O and P are at the bottom of their stroke, there should be a clearance of 0.5mm between the points of the cutting edges of the upper knives and those of the lower knives.

Adjustment is made by loosening screw T on upper knife drive lever S.

13-5 Resharpener the lower knives

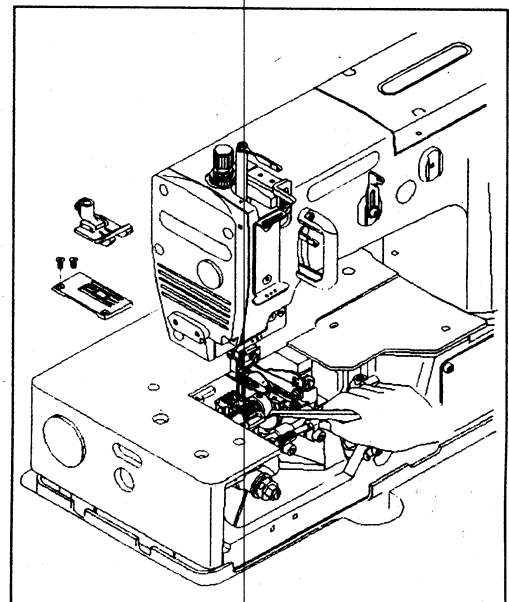
Resharpener the lower knives when they become dull.

It is recommended spare upper and lower knives are always kept for replacement.



[14] CLEANING THE MACHINE

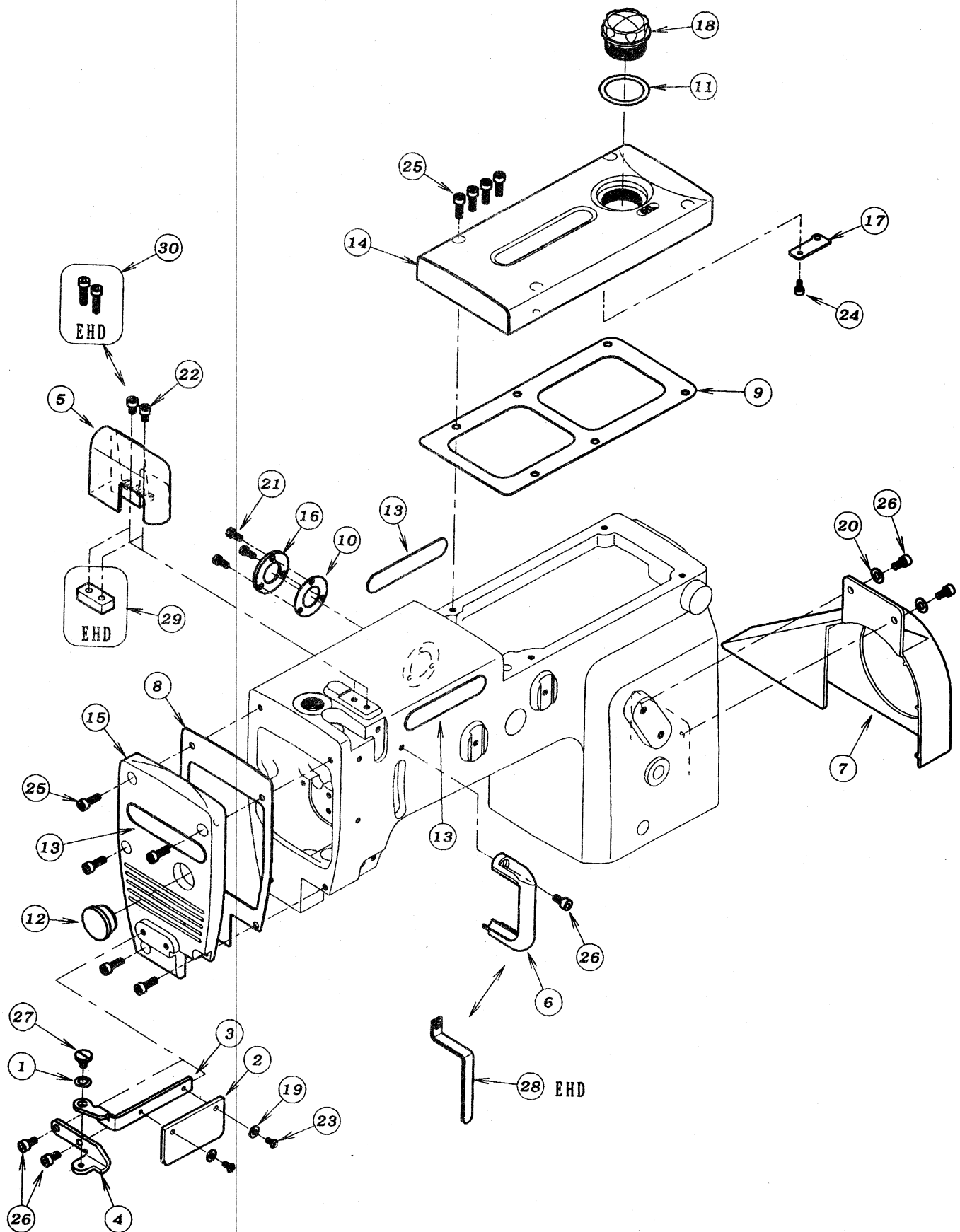
At the end of each day, remove the presser foot and the needle plate and then clean the slots of the needle plate and the area around the feed dogs.



目 錄

1. 機殼部件 / FRAME ASSEMBLY	1
2. 罩殼部件 / FRAME ASSEMBLY	3
3. 挑綫機構(1702) / THREAD TENSION MECHANISM (1702)	5
4. 軸套部件 / BUSHING	7
5. 針杆部分 / NEEDLE BAR MECHANISM	9
6. 下軸部件 / CRANKSHAFT MECHANISM	11
7. 送布機構 / FEED MECHANISM	13
8. 彎針部件 / LOOPER MECHANISM	15
9. 壓腳部件 / PRESSER FOOT MECHANISM	17
10. 潤滑部件 / LUBRICATION MECHANISM	19
11. 后拖輪部件(P, PMD) / REAR PULLER MECHANISM (P, PMD)	21
12. 后拖輪連接部件 / REAR PULLER MECHANISM	23
13. 前拖輪部件 / METERING DEVICE MECHANISM	25
14. BK專用部件(1) / MODEL BK EXCLUSIVE PARTS (1)	27
15. BK專用部件(2) / MODEL BK EXCLUSIVE PARTS (2)	29
16. EHD專用部件 / MODEL EHD EXCLUSIVE PARTS	31
17. 挑綫機構(1701EHD) / THREAD TENSION MECHANISM (1701EHD)	33
18. 1701EHD專用部件 / MODEL 1701EHD EXCLUSIVE PARTS	35
19. 挑綫機構(1702EHD) / THREAD TENSION MECHANISM (1702EHD)	37
20. 1702EHD專用部件 / MODEL 1702EHD EXCLUSIVE PARTS	39
21. 綫架與臺板部件 / THREAD STAND AND TABLE	41
22. 附件 / ACCESSORIES	43
23. 針位部件 / GAUGE PARTS	45
24. 針位部件 / GAUGE PARTS	47
25. 針位部件 / GAUGE PARTS	49
26. 針位部件一覽表 / GAUGE PARTS TABLE	51

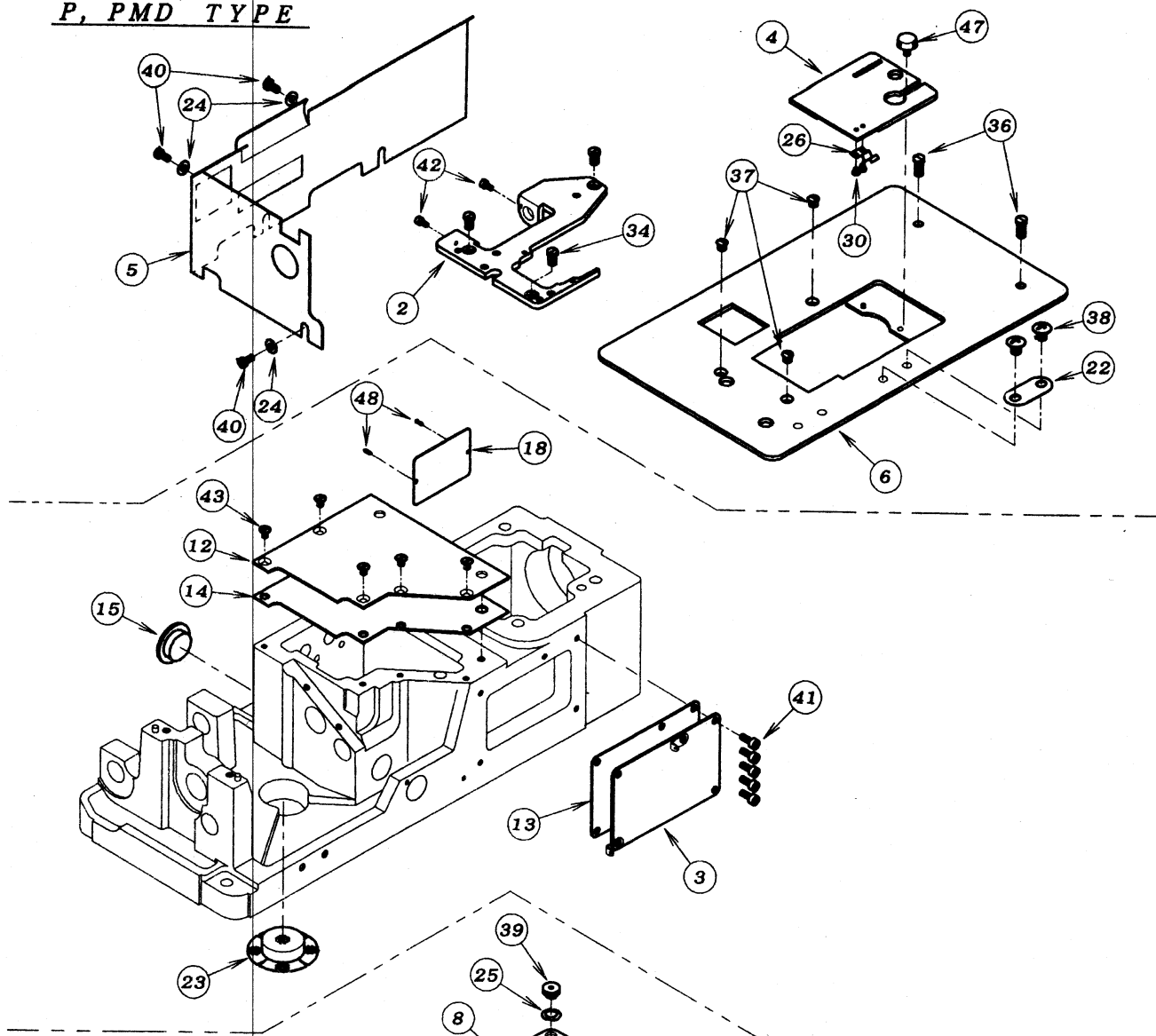
1. 機殼部件 / FRAME ASSEMBLY



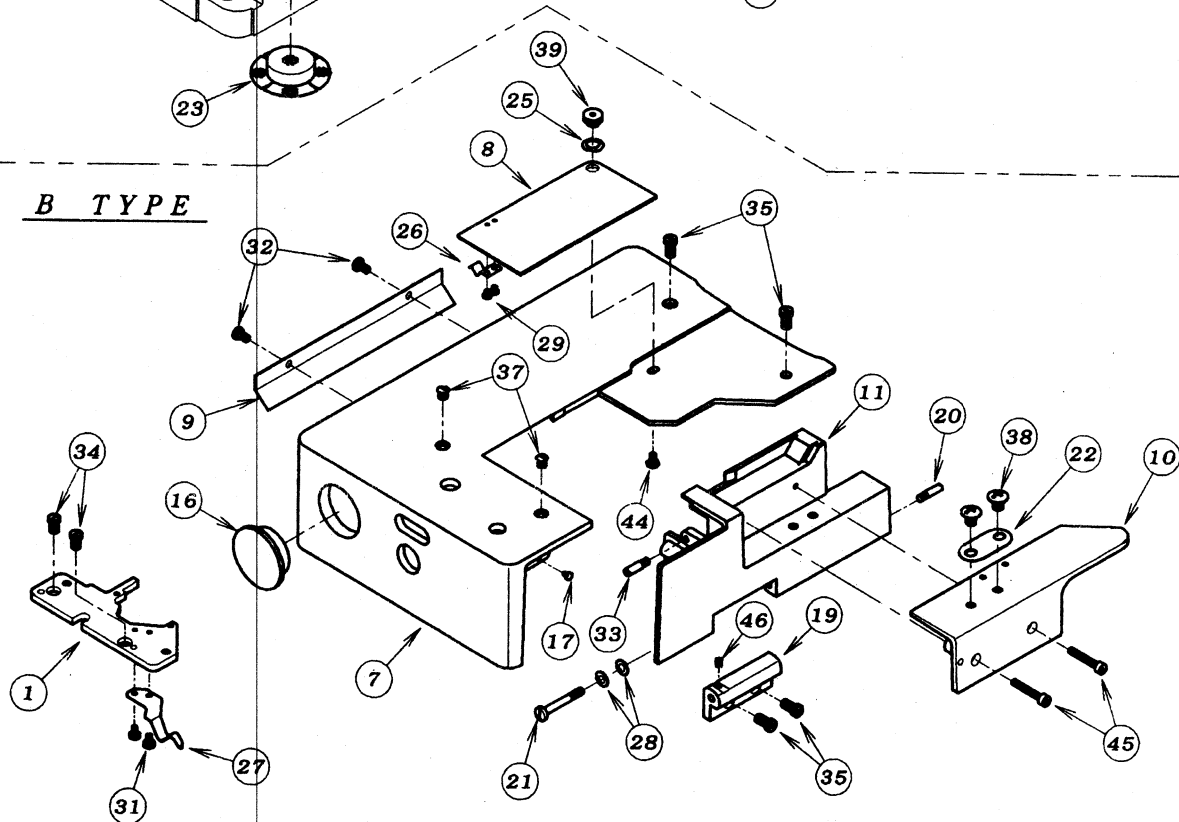
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
01-01	02-119	波形墊圈	WASHER	1
01-02	21-273	機針防護罩	EYE GUARD	1
01-03	21-275	機針防護罩安裝板	BRACKET	1
01-04	21-276	機針防護罩支架	BRACKET	1
01-05	21-934	針杆防護罩	COVER	1
01-06	21-935	挑綫杆防護罩	COVER	1
01-07	21-972	皮帶罩	PULLEY COVER	1
01-08	23-157	面板墊	GASKET	1
01-09	23-206	蓋板墊	GASKET	1
01-10	23-263	油封	GASKET C	1
01-11	23-285	O型圈	O RING	1
01-12	23-427	面板油封	PLUG	1
01-13	24-052	銘牌	BRAND NAME PLATE	3
01-14	27-017	上蓋板	TOP COVER	1
01-15	27-018	面板	HEAD COVER	1
01-16	39-108	油封壓板	COVER	1
01-17	39-137	油管導板	PIPE SUPPORT	1
01-18	39-234	油窗	OIL POT	1
01-19	75-224	墊圈	WASHER	2
01-20	75-455	墊圈	WASHER	2
01-21	87-010	螺釘	SCREW	3
01-22	87-092	內六角螺釘	BOLT	2
01-23	87-099	螺釘	SCREW	2
01-24	87-123	內六角螺釘	BOLT	1
01-25	87-129	內六角上蓋螺釘	BOLT	9
01-26	87-177	內六角螺釘	BOLT	5
01-27	87-264	螺釘	SCREW	1
01-28	21-712	挑綫杆防護罩	SAFETY PLATE	1
01-29	21-800	墊塊		1
01-30	87-299	內六角螺釘	BOLT	2

2. 罩殼部件 / FRAME ASSEMBLY

P, PMD TYPE

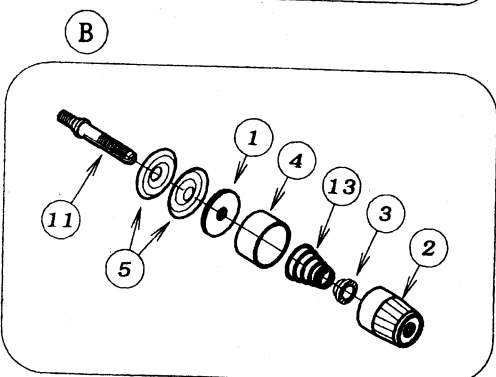
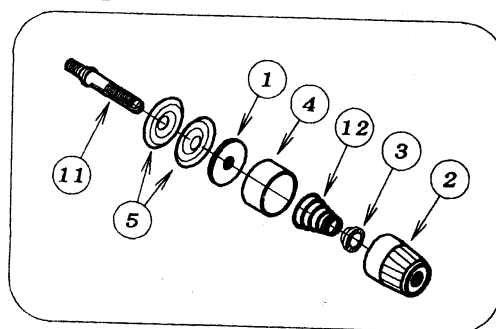
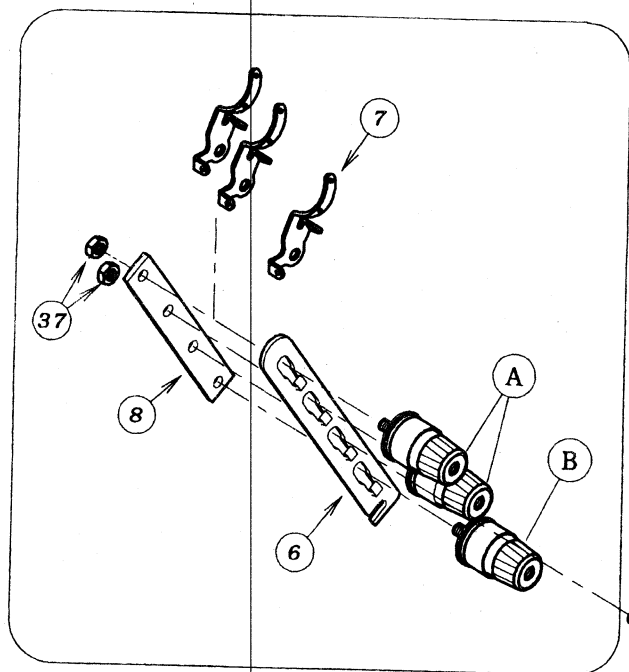
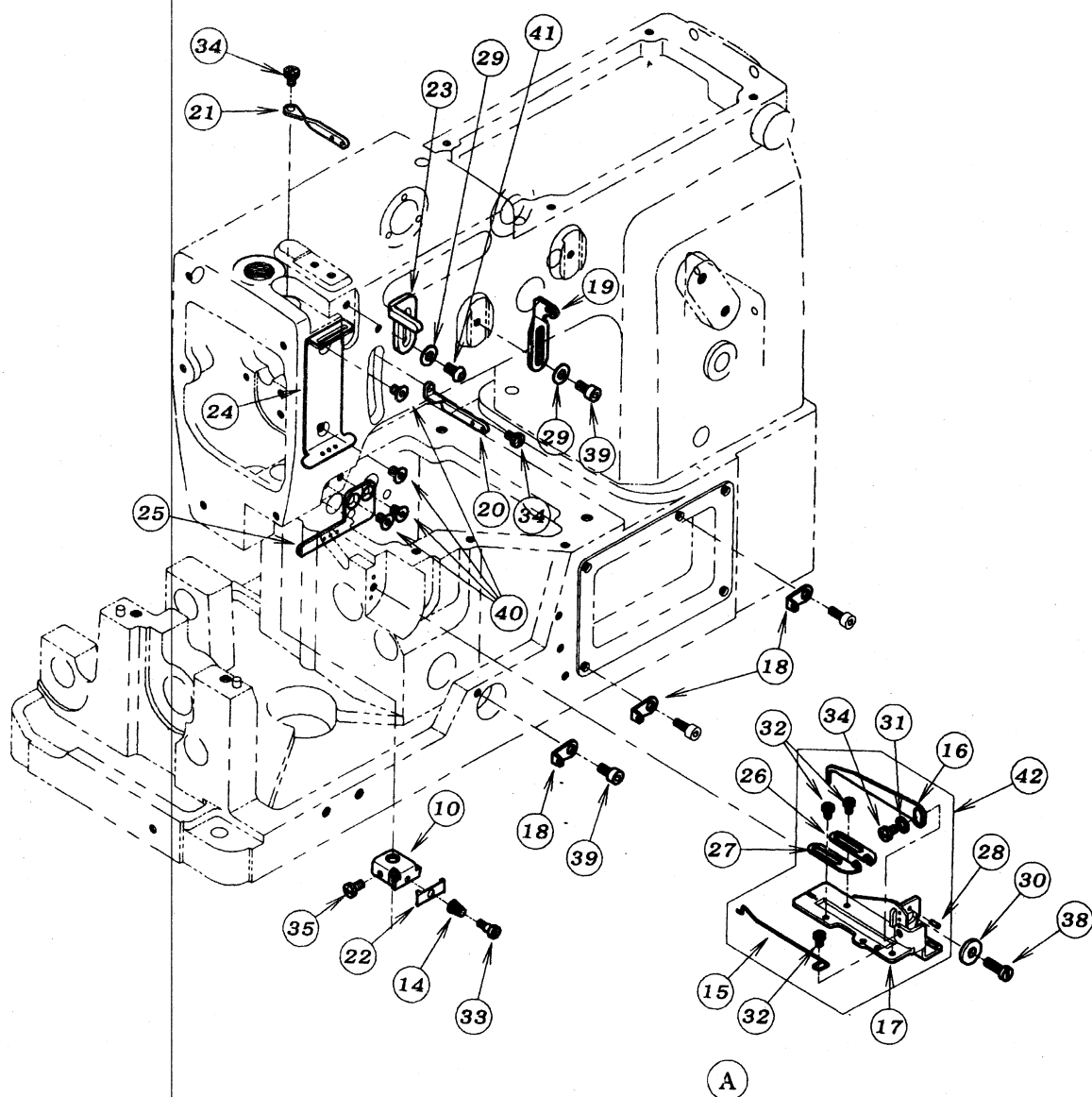


B TYPE



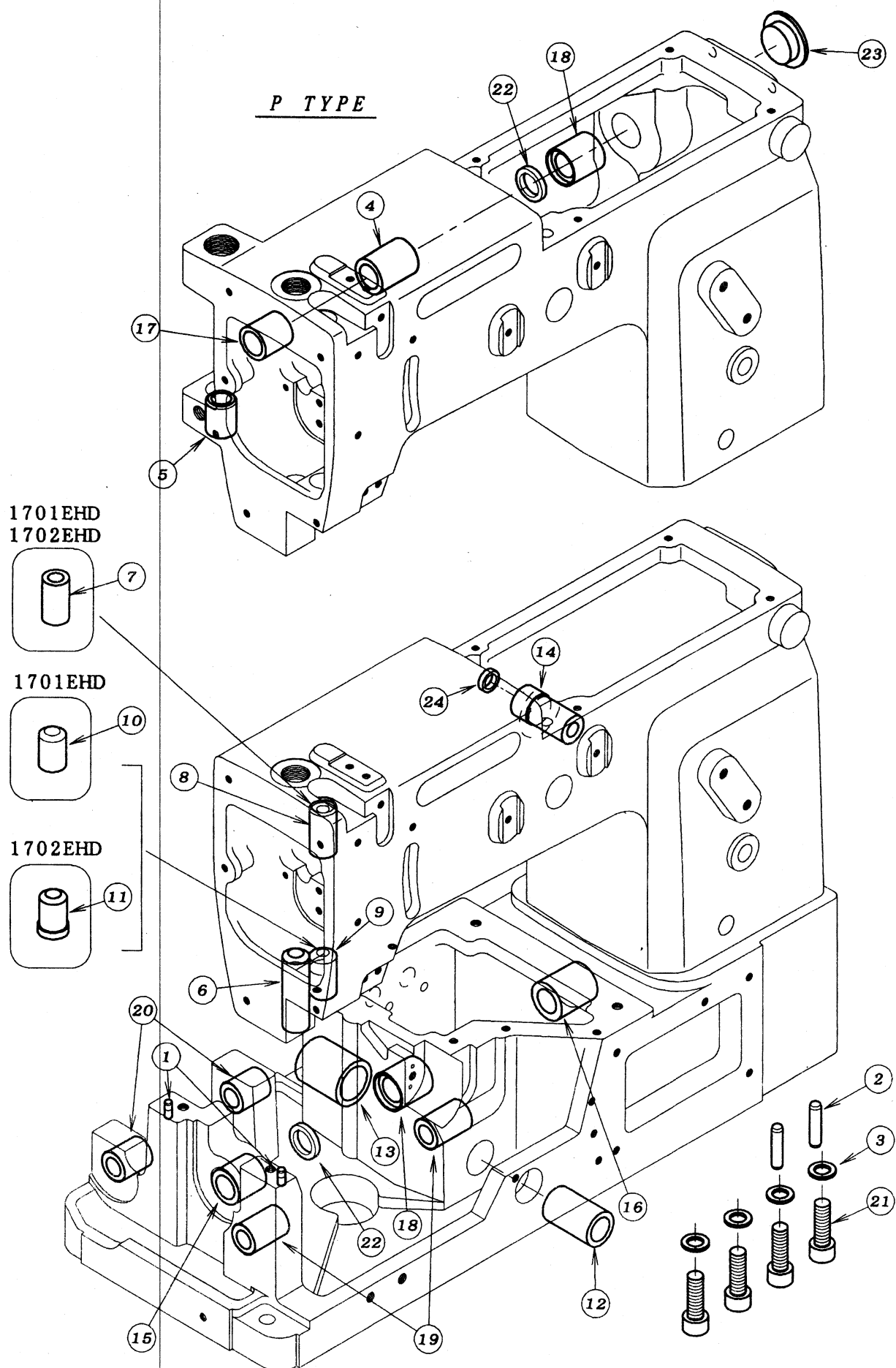
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
02-01	14-030	針板座	NEEDLE PLATE SUPPORT BRACKET	1
02-02	14-064	針板座	NEEDLE SUPPORT BRACKET	1
02-03	21-137	前窗板	FRONT COVER	1
02-04	21-227	差板	SLIDE COVER	1
02-05	21-336	后罩殼	COVER B	1
02-06	21-395	上罩殼	UPPER COVER	1
02-07	21-781	上罩殼	UPPER COVER	1
02-08	21-782	前罩殼	FRONT BASE COVER	1
02-09	21-783	護板	COVER	1
02-10	21-784	前鉛固定板	FRONT COVER PLATE	1
02-11	21-785	前鉛板	FRONT COVER	1
02-12	21-897	上蓋板	COVER	1
02-13	23-137	前窗板墊	GASKET	1
02-14	23-229	上蓋板墊	GASKET	1
02-15	23-296	油封	PLUG	1
02-16	23-504	油封	PLUG	1
02-17	23-512	防震墊	CUSHION RUBBER	1
02-18	24-053	機器編號牌	TYPE PLATE	1
02-19	25-226	固定支架	HINGE	1
02-20	25-503	螺釘	SCREW	1
02-21	25-517	螺釘	SCREW	1
02-22	26-712	壓板	WASHER	2
02-23	31-438	油網	FILTER	1
02-24	75-455	墊片	WASHER	3
02-25	75-528	波形墊圈	WASHER	1
02-26	79-801	前罩殼壓簧	SPRING	1
02-27	79-802	壓簧	SPRING	1
02-28	79-922	彈簧墊圈	SPRING	2
02-29	84-117	螺釘	SCREW	2
02-30	84-163	螺釘	SCREW	2
02-31	84-361	螺釘	SCREW	2
02-32	84-574	螺釘	SCREW	2
02-33	84-706	螺釘	SCREW	1
02-34	84-761	螺釘	SCREW	2~3
02-35	84-762	螺釘	SCREW	4
02-36	84-763	螺釘	SCREW	2
02-37	84-862	螺釘	SCREW	2~3
02-38	85-181	螺釘	SCREW	4
02-39	86-266	螺母	NUT	1
02-40	87-096	螺釘	SCREW	3
02-41	87-113	內六角螺釘	BOLT	5
02-42	87-123	內六角螺釘	BOLT	2
02-43	87-261	螺釘	SCREW	5
02-44	87-266	螺釘	SCREW	1
02-45	87-285	內六角螺釘	BOLT	2
02-46	87-286	螺釘	SCREW	1
02-47	87-292	調節螺釘	SCREW	1
02-48	93-701	銷子	PIN	2

3. 挑綫機構(1702) / THREAD TENSION MECHANISM (1702)



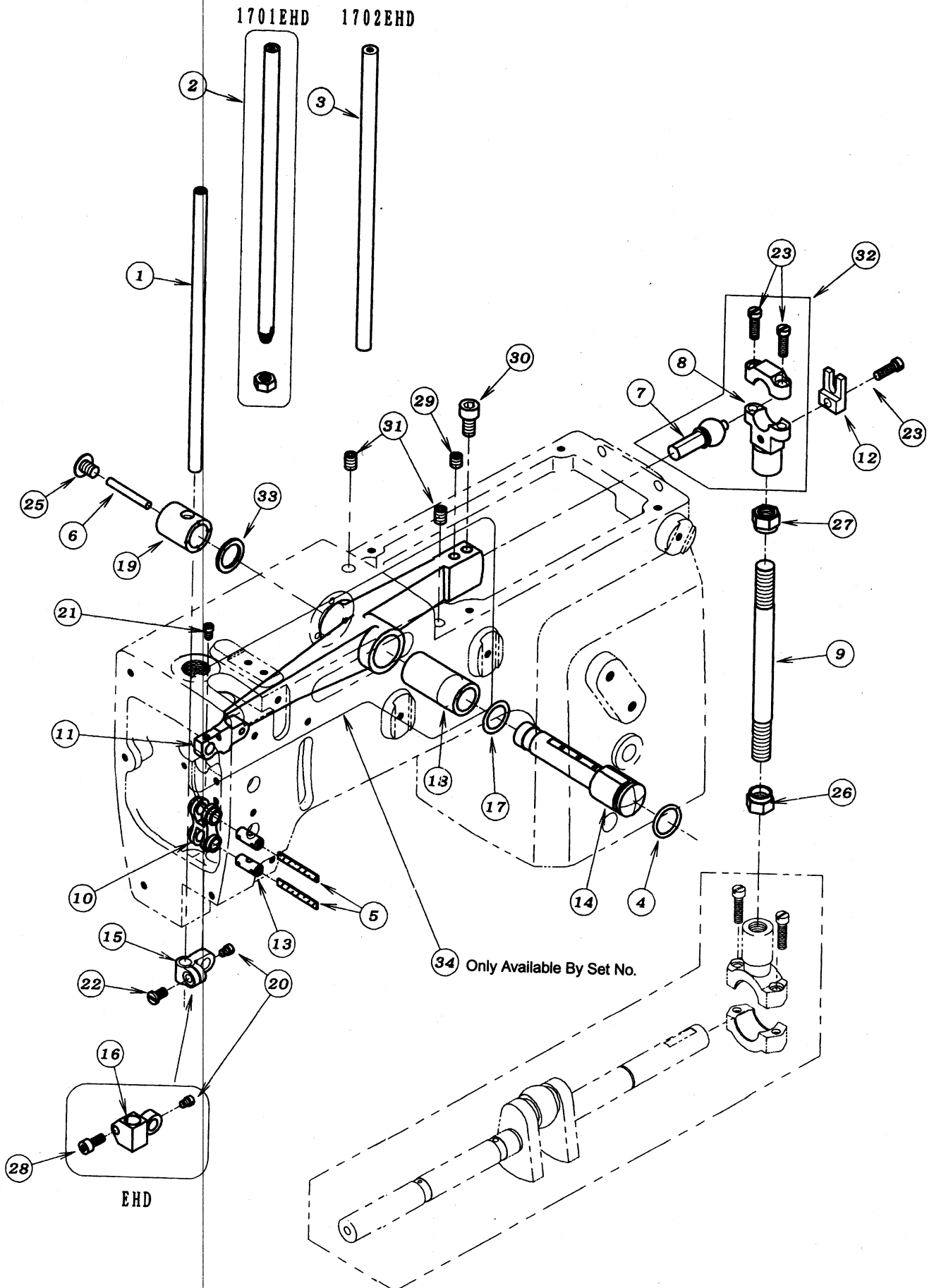
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
03-01	23-324	氈墊圈	FELT	3
03-02	41-101	夾綫螺母	THREAD TENSION NUT	3
03-03	41-105	夾綫螺母止動板	SPRING POST	3
03-04	41-107	夾綫外殼	SPRING CUP	3
03-05	41-110	夾綫板	TENSION DISC	6
03-06	41-113	松綫頂板	TENSION POST SUPPORT	1
03-07	41-120	過綫板	THREAD EYELET	3
03-08	41-121	夾綫器安裝板	TENSION POST HOLDER	1
03-09	41-132	擋圈	COLLAR	1
03-10	41-312	壓綫支架	BRACKET	1
03-11	41-510	夾綫螺釘	SCREW STUD	3
03-12	41-701	夾綫彈簧(強)	SPRING (HEAVY)	2
03-13	41-702	夾綫彈簧(弱)	SPRING (LIGHT)	1
03-14	41-721	彈簧	SPRING	1
03-15	43-335	卡簧	LOOPER THREAD RETAINER WIRE	1
03-16	43-344	導綫器	THREAD GUIDE	1
03-17	43-346	支架	BRACKET	1
03-18	43-519	下過綫板	THREAD EYELET	3
03-19	45-101	上過綫板	THREAD EYELET	1
03-20	45-121	挑綫杆	THREAD EYELET	1
03-21	45-131	針杆挑綫杆	THREAD EYELET	1
03-22	45-142	壓綫板	THREAD EYELET	1
03-23	45-429	針杆擋綫板	THREAD TAKE-UP PLATE	1
03-24	45-441	機針上過綫板	THREAD EYELET	1
03-25	45-442	機針下過綫板	THREAD EYELET	1
03-26	47-131	下過綫(左)	THREAD EYELET	1
03-27	47-132	下過綫(右)	THREAD EYELET	1
03-28	71-191	銷子	PIN	2
03-29	75-455	墊圈	WASHER	2
03-30	75-456	墊圈	WASHER	1
03-31	75-468	墊圈	WASHER	1
03-32	84-161	螺釘	SCREW	3
03-33	74-171	螺釘	SCREW	1
03-34	84-361	螺釘	SCREW	3
03-35	84-374	螺釘	SCREW	1
03-36	84-764	螺釘	SCREW	1
03-37	86-411	螺母	NUT	2
03-38	87-097	螺釘	SCREW	1
03-39	87-177	內六角螺釘	BOLT	2
03-40	87-293	螺釘	SCREW	4
03-41	87-272	螺釘	SCREW	1
03-42	40-3810	彎針過綫組件	LOOPER THREAD EYELET ASS'Y	1

4. 軸套部件 / BUSHING



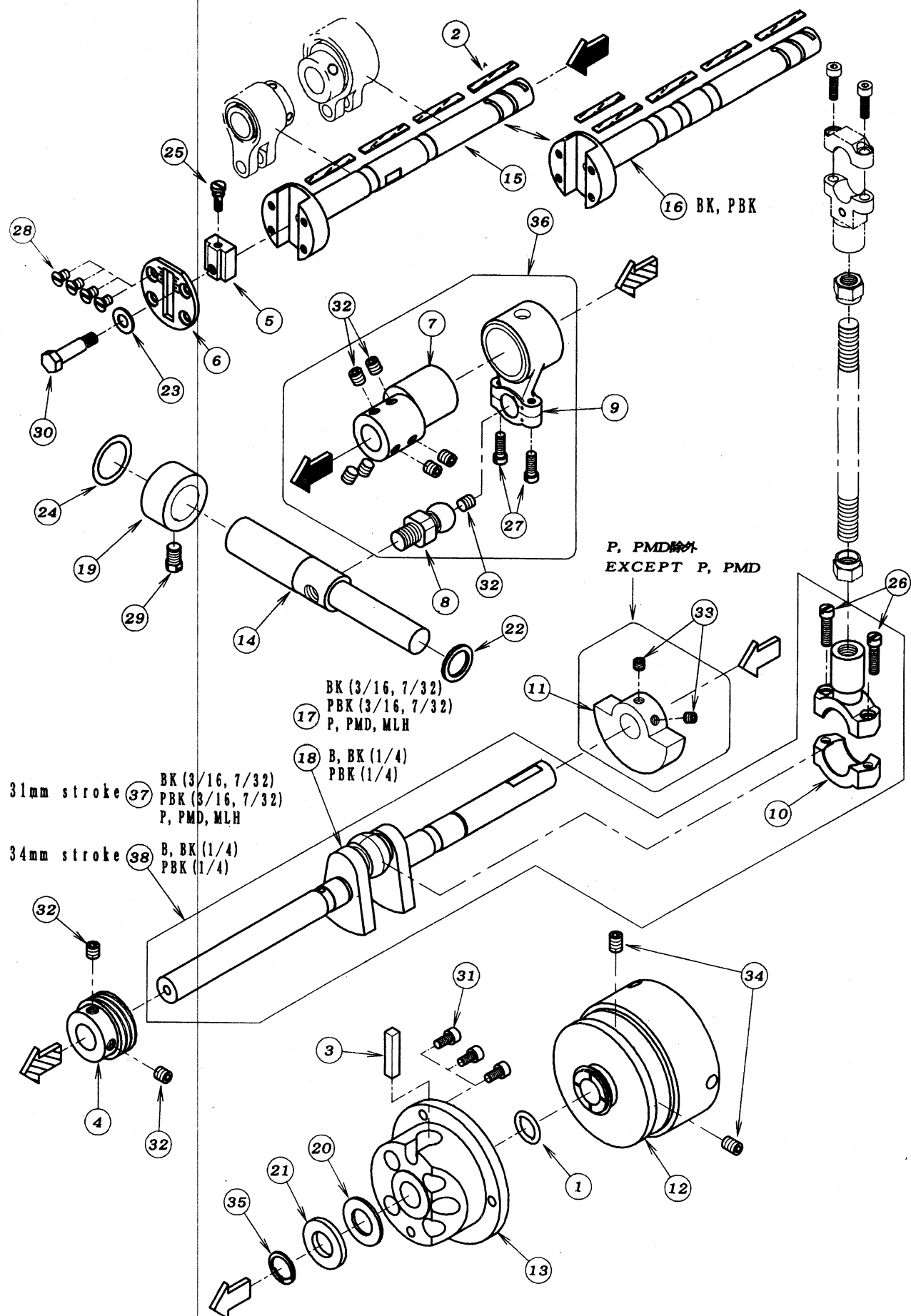
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
04-01	71-255	銷子	PIN	2
04-02	71-256	銷子	PIN	2
04-03	75-436	墊圈	WASHER	4
04-04	81-109	后拖輪中套	BUSHING	1
04-05	81-133	后拖輪堅套	BUSHING	1
04-06	81-153	壓杆套	BUSHING	1
04-07	81-181	針杆上套	BUSHING	1
04-08	81-183	針杆下套	BUSHING	1
04-09	81-184	針杆下套	BUSHING	1
04-10	81-202	針杆下套	BUSHING	1
04-11	81-203	針杆下套	BUSHING	1
04-12	81-236	護針連杆軸前套	BUSHING	1
04-13	81-237	護針連杆軸后套	BUSHING	1
04-14	81-256	抬壓腳軸套	BUSHING	1
04-15	81-716	下軸左套	BUSHING	1
04-16	81-717	下軸右套	BUSHING	1
04-17	81-718	后拖輪左套	BUSHING	1
04-18	71-720	下軸中套	BUSHING	2
04-19	81-735	彎針軸套	BUSHING	2
04-20	81-753	牙架軸套	BUSHING	2
04-21	87-661	內六角螺釘	BOLT	4
04-22	94-214	油封	OIL SEAL	2
04-23	23-296	油封	PLUG	1
04-24	94-231	油封	OIL SEAL	1

5. 針杆部分 / NEEDLE BAR MECHANISM



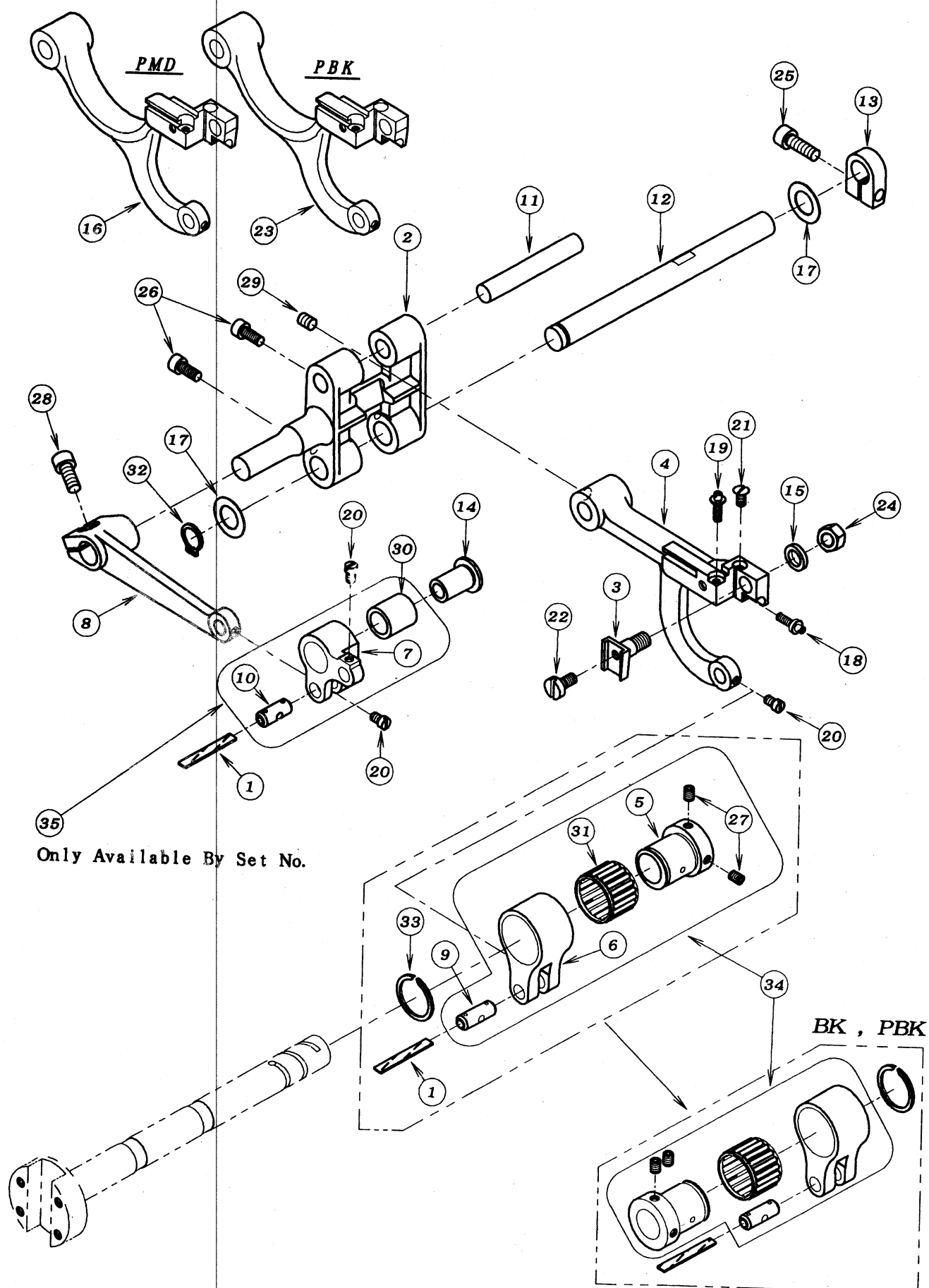
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
05-01	11-704	針杆	NEEDLE BAR	1
05-02	11-713	針杆	NEEDLE BAR	1
05-03	11-720	針杆	NEEDLE BAR	1
05-04	23-195	O型圈	O-RING	1
05-05	23-341	針杆連杆銷油綫	FELT	2
05-06	23-383	油綫	FELT	1
05-07	61-711	球接頭	CONNECTION ROD BALL	1
05-08	63-713	銅連杆	BALL JOINT	1
05-09	65-302	雙頭拉杆	CONNECTING BAR	1
05-10	66-111	針杆連杆	CONNECTING LINK	1
05-11	69-105	杠杆	NEEDLE LEVER E	1
05-12	69-120	止擺扎頭	GUIDE	1
05-13	71-432	針杆連杆銷	FEED ROCKER LINK PIN	2
05-14	71-933	針杆杠杆軸	NEEDLE LEVER STUD	1
05-15	73-113	針杆接頭	NEEDLE BAR CLAMP	1
05-16	73-115	針杆接頭	NEEDLE BAR CLAMP	1
05-17	75-674	墊圈	WASHER	1
05-18	81-113	針杆杠杆套	BUSHING	1
05-19	81-412	針杆杠杆軸后套	BUSHING	1
05-20	84-365	螺釘	SCREW	1
05-21	84-366	螺釘	SCREW	1
05-22	84-564	螺釘	SCREW	1
05-23	84-567	螺釘	SCREW	3
05-24				
05-25	85-181	螺釘	SCREW	1
05-26	86-741	螺母	NUT	1
05-27	86-742	螺母	NUT	1
05-28	87-113	內六角螺釘	BOLT	1
05-29	87-172	內六角螺釘	SCREW	1
05-30	87-225	內六角螺釘	BOLT	1
05-31	87-242	螺釘	SCREW	2
05-32	60-3700	連杆組件	CONNECTING ROD ASS'Y	1
05-33	75-332	墊圈	WASHER	1
05-34	69-1050-2	針杆杠杆組件	NEEDLE LEVER (WITH BUSHING)	1

6. 下軸部件 / CRANKSHAFT MECHANISM



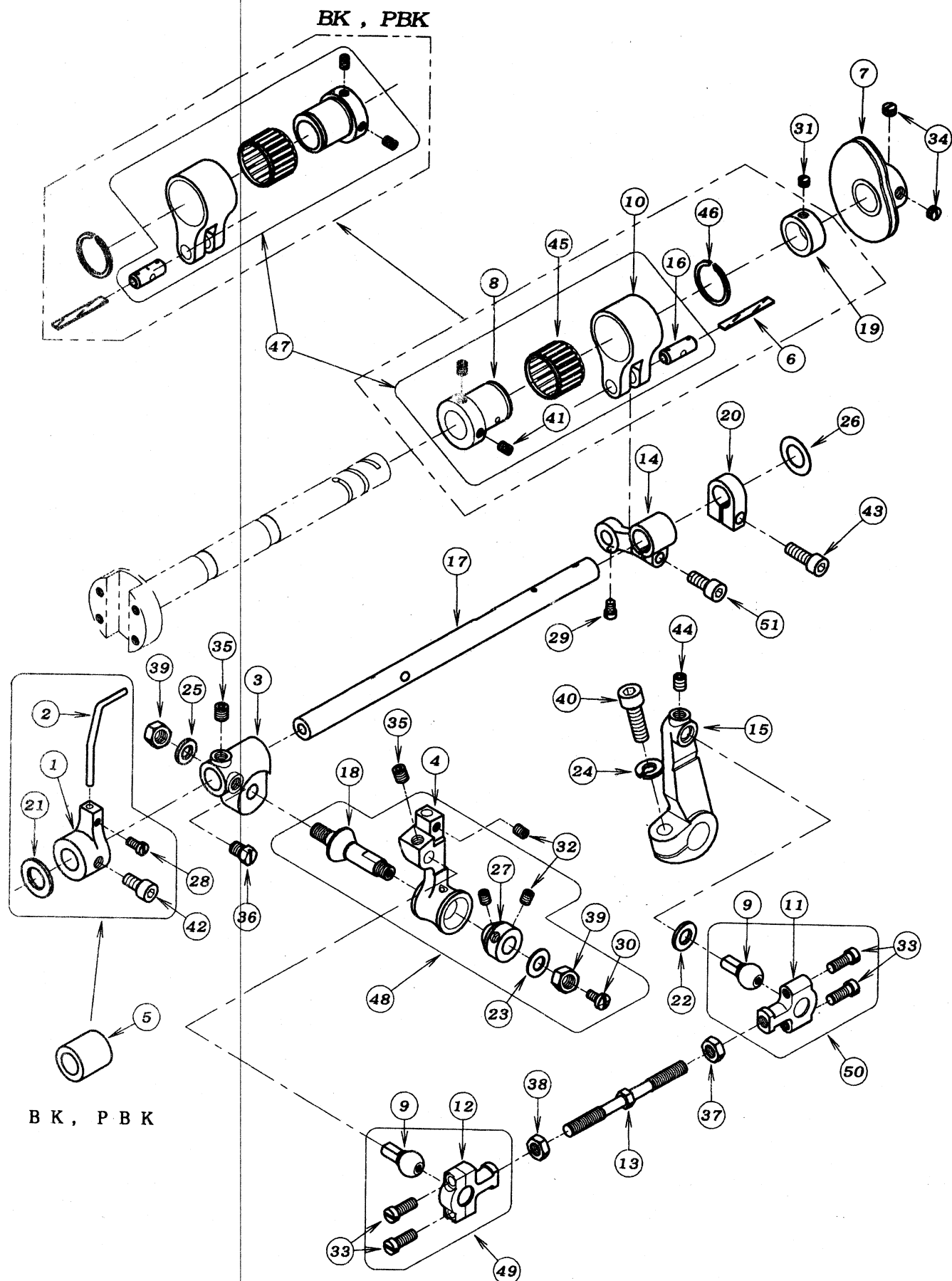
REF.NO.序號	圖號	名 稱	DESCRIPTION	Q'TY
06-01	2	O型圈	O-RING	1
06-02	25	油綫	FELT	4-5
06-03	23-384	油氈	FELT	1
06-04	31-155	蝸杆	OIL PUMP ARM	1
06-05	51-017	針距調節塊	ADJUSTING BLOCK	1
06-06	51-031	蓋板	PLATE	1
06-07	61-528	偏心輪	LOOPER ECENTRIC	1
06-08	61-77	球接頭	LOOPER DRIVING ECCENTRIC	1
06-09	63-510	護針銅連杆	CONNECTING ROD	1
06-10	63-621	銅連杆	BALL JOINT	1
06-11	69-141	平衡塊	BALANCE WEIGHT	1
06-12	69-216	帶輪	PULLEY	1
06-13	69-305	下軸承蓋	FLANGE	1
06-14	71-612	前護針傳動軸	LOOPER DRIVING SHAFT	1
06-15	71-794	下軸前節	MAIN SHAFT	1
06-16	71-795	下軸前節	MAIN SHAFT	1
06-17	71-894	下軸后節	CRANK SHAFT (31)	1
06-18	71-895	下軸后節	CRANK SHAFT (34)	1
06-19	75-107	擋圈	COLLAR	1
06-20	75-327	墊圈	WASHER	1
06-21	75-329	墊圈	WASHER	1
06-22	75-332	墊圈	WASHER	1
06-23	75-452	墊圈	WASHER	1
06-24	75-673	墊圈	WASHER	1
06-25	84-383	螺釘	SCREW	1
06-26	84-568	螺釘	SCREW	2
06-27	84-635	螺釘	SCREW	2
06-28	84-661	螺釘	SCREW	4
06-29	85-212	內六角螺釘	BOLT	1
06-30	87-017	調節螺釘	BOLT	1
06-31	87-177	內六角螺釘	BOLT	3
06-32	87-172	內六角螺釘	SCREW	9
06-33	87-274	內六角螺釘	SCREW	2
06-34	87-242	內六角螺釘	SCREW	2
06-35	93-264	卡簧	RING	1
06-36	60-3760	連杆組件	CONNECTING ROD ASS'Y	1
06-37	70-0370	下軸組件	CRANK SHAFT ASS'Y (31)	1
06-38	70-0270	下軸組件	CRANK SHAFT ASS'Y (34)	1

7. 送布機構 / FEED MECHANISM



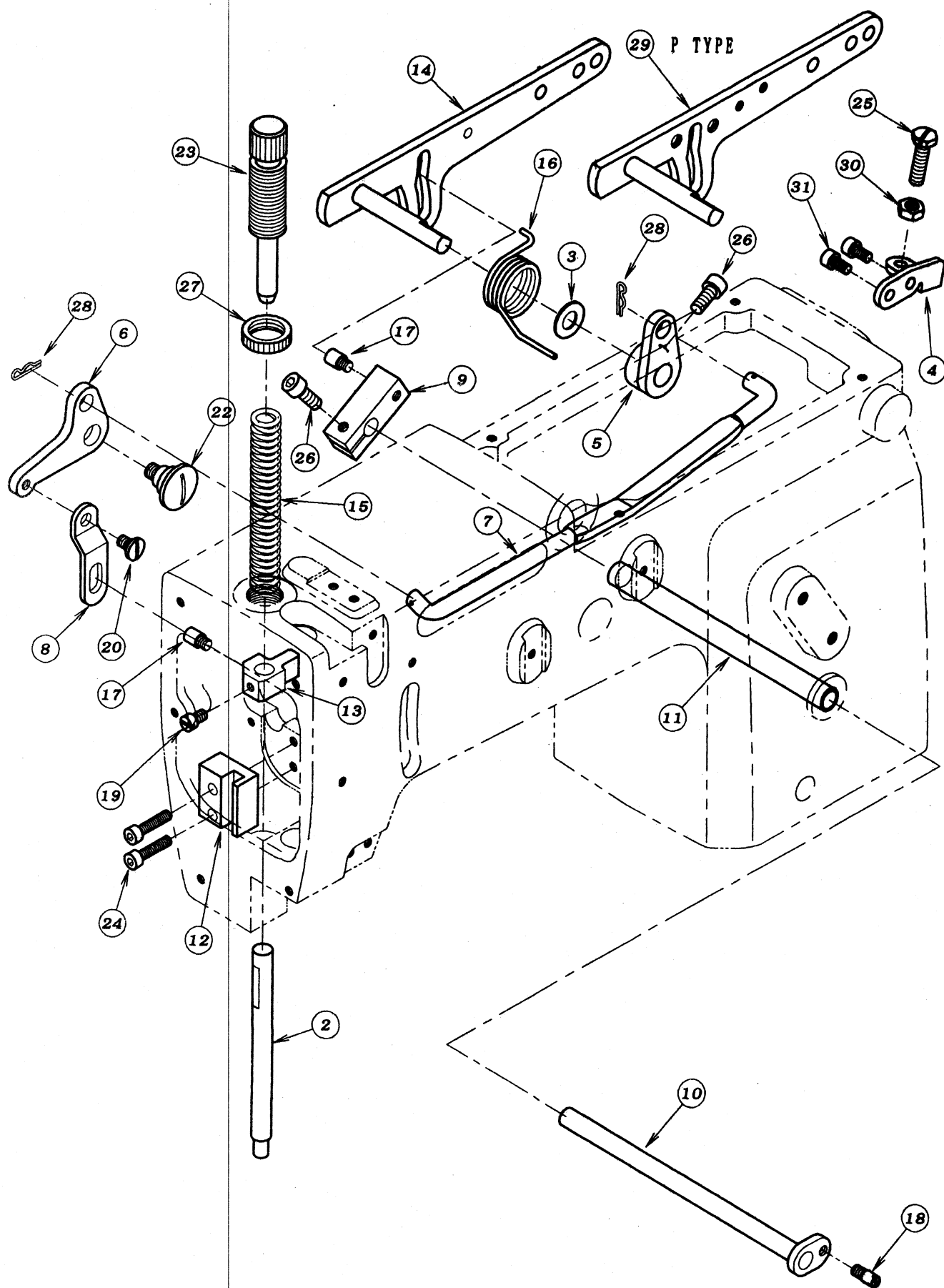
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
07-01	23-341	油錢	FELT	2
07-02	55-041	牙架擺動座	SINGLE FEED ROCKER ARM	1
07-03	55-051	送布牙架支座	FEED DOG HOLDER	1
07-04	55-176	牙架	FEED ROCKER	1
07-05	61-322	抬牙凸輪	FEED ECCENTRIC	1
07-06	63-232	抬牙連杆	ECCENTRIC LINK	1
07-07	63-353	送布曲軸	FEED ROCKER LINK	1
07-08	67-311	送布擺杆	FEED ROCKER ARM	1
07-09	71-431	銷	PIN	1
07-10	71-432	抬牙連杆銷	FEED ROCKER LINK PIN	1
07-11	71-531	擺動座銷	SHAFT	1
07-12	71-642	牙架擺動銷	FEED ROCKER ARM SHAFT	1
07-13	75-139	擋圈	COLLAR	1
07-14	75-235	隔套	ROLLER	1
07-15	75-381	墊圈	WASHER	1
07-16	55-155	牙架	FEED ROCKER	1
07-17	75-675	墊圈	WASHER	2
07-18	84-176	調節螺釘	SCREW	1
07-19	84-177	調節螺釘	SCREW	1
07-20	84-366	螺釘	SCREW	3
07-21	84-464	螺釘	SCREW	1
07-22	84-588	螺釘	SCREW	1
07-23	55-156	牙架	FEED ROCKER	1
07-24	86-501	螺母	NUT	1
07-25	87-245	內六角螺釘	BOLT	1
07-26	87-113	內六角螺釘	BOLT	2
07-27	87-181	內六角螺釘	SCREW	2
07-28	87-252	內六角螺釘	BOLT	1
07-29	87-254	內六角螺釘	SCREW	1
07-30	91-270	滾針軸承	BEARING	1
07-31	91-406	滾針軸承	BEARING	1
07-32	93-261	卡簧	C-RING	1
07-33	93-406	卡簧	C-RING	1
07-34	60-0900	抬牙連杆組件	ECCENTRIC LINK ASS'Y	1
07-35	63-3530-2	送布柄組件	FEED ROCKER LINK ASS'Y	1

8. 彎針部件 / LOOPER MECHANISM



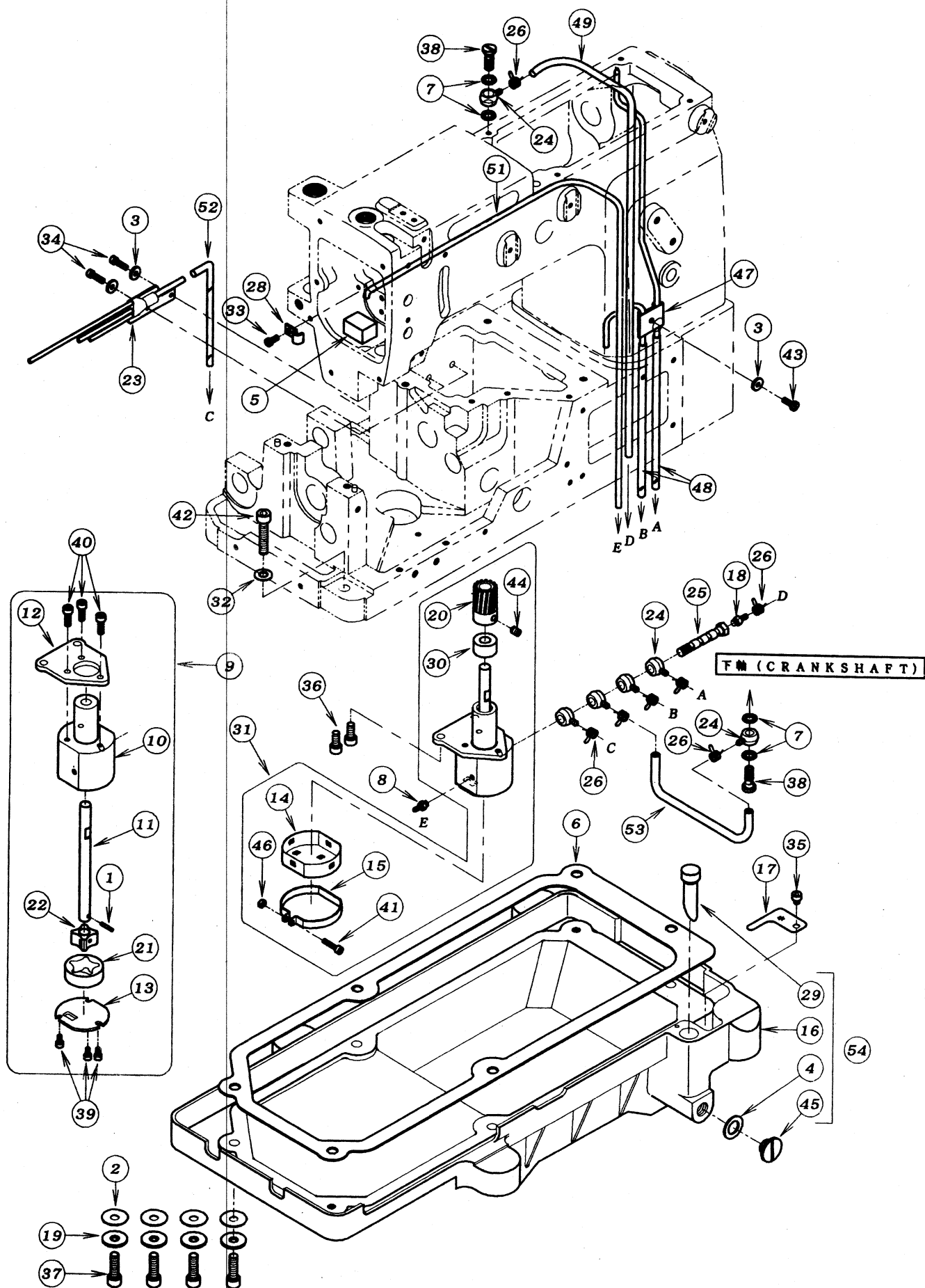
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
08-01	18-722	機針導線器支架	NEEDLE GUTDE BRACKET	1
08-02	18-725	機針導線器	NEEDLE GUIDE	1
08-03	19-289	彎針曲柄	LOOPER ROCKER	1
08-04	19-290	彎針座	LOOPER HOLDER	1
08-05	19-292	擋圈	COLLAR	1
08-06	23-341	油綫	FELT	1
08-07	49-139	打綫凸輪	LOOPER THREAD TAKE-UP CAM	1
08-08	61-312	彎針凸輪	LOOPER AVOID ECCENTRIC	1
08-09	61-513	球接頭	CONNECTING BALL	2
08-10	63-232	彎針連杆	ECCENTRIC LINK	1
08-11	63-811	銅連杆	BALL JOINT	1
08-12	63-812	銅連杆	BALL JOINT	1
08-13	65-435	螺杆	CONNECTING BAR	1
08-14	67-132	彎針曲柄	LOOPER AVOID LEVER	1
08-15	67-229	彎針球連杆曲柄	LOOPER DRIVING LEVER	1
08-16	71-431	銷	PIN	1
08-17	71-561	彎針軸	LOOPER HOLDER SHAFT	1
08-18	71-901	彎針座軸	TAPERD PIN	1
08-19	75-114	擋圈	COLLAR	1
08-20	75-139	擋圈	COLLAR	1
08-21	75-372	墊圈	WASHER	1
08-22	75-401	墊圈	WASHER	1
08-23	75-452	墊圈	WASHER	1
08-24	75-527	彈簧墊圈	SPRING WASHER	1
08-25	75-552	墊圈	WASHER	1
08-26	75-675	墊圈	WASHER	1
08-27	81-401	擋圈	BUSHING	1
08-28	84-362	螺釘	SCREW	1
08-29	84-366	螺釘	SCREW	1
08-30	84-374	螺釘	SCREW	1
08-31	84-511	螺釘	SCREW	1
08-32	84-521	螺釘	SCREW	3
08-33	84-635	螺釘	SCREW	4
08-34	84-711	螺釘	SCREW	2
08-35	84-718	螺釘	SCREW	2
08-36	84-767	螺釘	SCREW	1
08-37	86-411	螺母	NUT	1
08-38	86-412	螺母	NUT	1
08-39	86-501	螺母	NUT	2
08-40	87-173	內六角螺釘	BOLT	1
08-41	87-181	螺釘	SCREW	2
08-42	87-213	內六角螺釘	BOLT	1
08-43	87-245	內六角螺釘	BOLT	1
08-44	87-254	螺釘	SCREW	1
08-45	91-406	滾子軸承	BEARING	1
08-46	93-406	卡簧	C-RING	1
08-47	60-0800	抬牙連杆組件	ECCENTRIC LINK ASS'Y	1
08-48	10-9280	彎針座組件	LOOPER HOLDER ASS'Y	1
08-49	60-3920	銅連杆組件(左)	CONNECTING ROD ASS'Y (LEFT)	1
08-50	60-3910	銅連杆組件(右)	CONNECTING ROD ASS'Y (RIGHT)	1
08-51	87-252	內六角螺釘	BOLT	1

9. 壓脚部件 / PRESSER FOOT MECHANISM



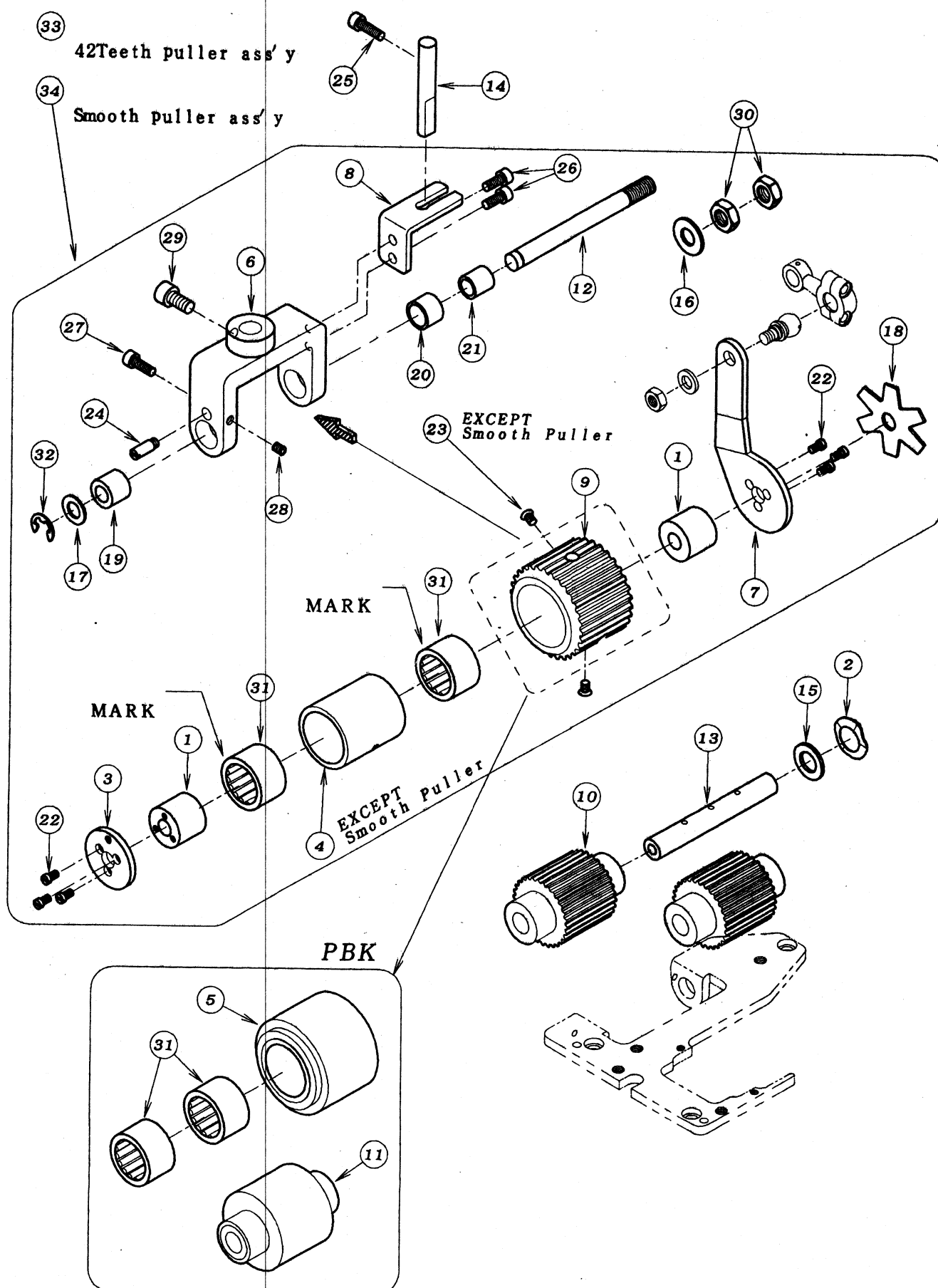
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
09-01				
09-02	77-100	壓杆	PRESSER BAR (L)	1
09-03	75-100	墊圈	WASHER	1
09-04	77-509	限位塊	BRACKET	1
09-05	77-107	抬壓脚曲柄	CONNECTING PLATE	1
09-06	77-109	抬壓脚前杠杆	LIFTER LEVER SPRING SUPPORTER	1
09-07	77-116	抬壓脚拉杆	LIFTER LEVER CONNECTING BAR	1
09-08	77-113	抬壓脚吊板	PLATE	1
09-09	77-164	松綫曲柄	BRACKET	1
09-10	77-164	松綫軸	SHAFT	1
09-11	77-165	松綫軸套	PIPE	1
09-12	77-516	壓杆滑塊座	GUIDE	1
09-13	77-517	壓杆滑塊	PRESSER BAR GUIDE	1
09-14	77-816	抬壓脚杠杆	PRESSER FOOT LIFTER LEVER	1
09-15	79-121	壓脚調壓簧	PRESSER BAR SPRING	1
09-16	79-550	扭簧	SPRING	1
09-17	84-561	螺釘	SCREW	2
09-18	84-562	螺釘	SCREW	1
09-19	84-563	螺釘	SCREW	1
09-20	84-581	螺釘	SCREW	1
09-21				
09-22	85-201	軸位螺釘	SCREW	1
09-23	87-004	壓杆調壓螺釘	SCREW	1
09-24	87-112	內六角螺釘	BOLT	2
09-25	84-813	螺釘	SCREW	1
09-26	87-252	內六角螺釘	BOLT	2
09-27	88-003	螺母	NUT	1
09-28	93-611	開口銷	PIN	2
09-29	77-818	抬壓脚杠杆	PRESSER FOOT LIFTER LEVER	1
09-30	86-411	螺母	NUT	1
09-31	87-177	內六角螺釘	BOLT	2

10. 潤滑部件 / LUBRICATION MECHANISM



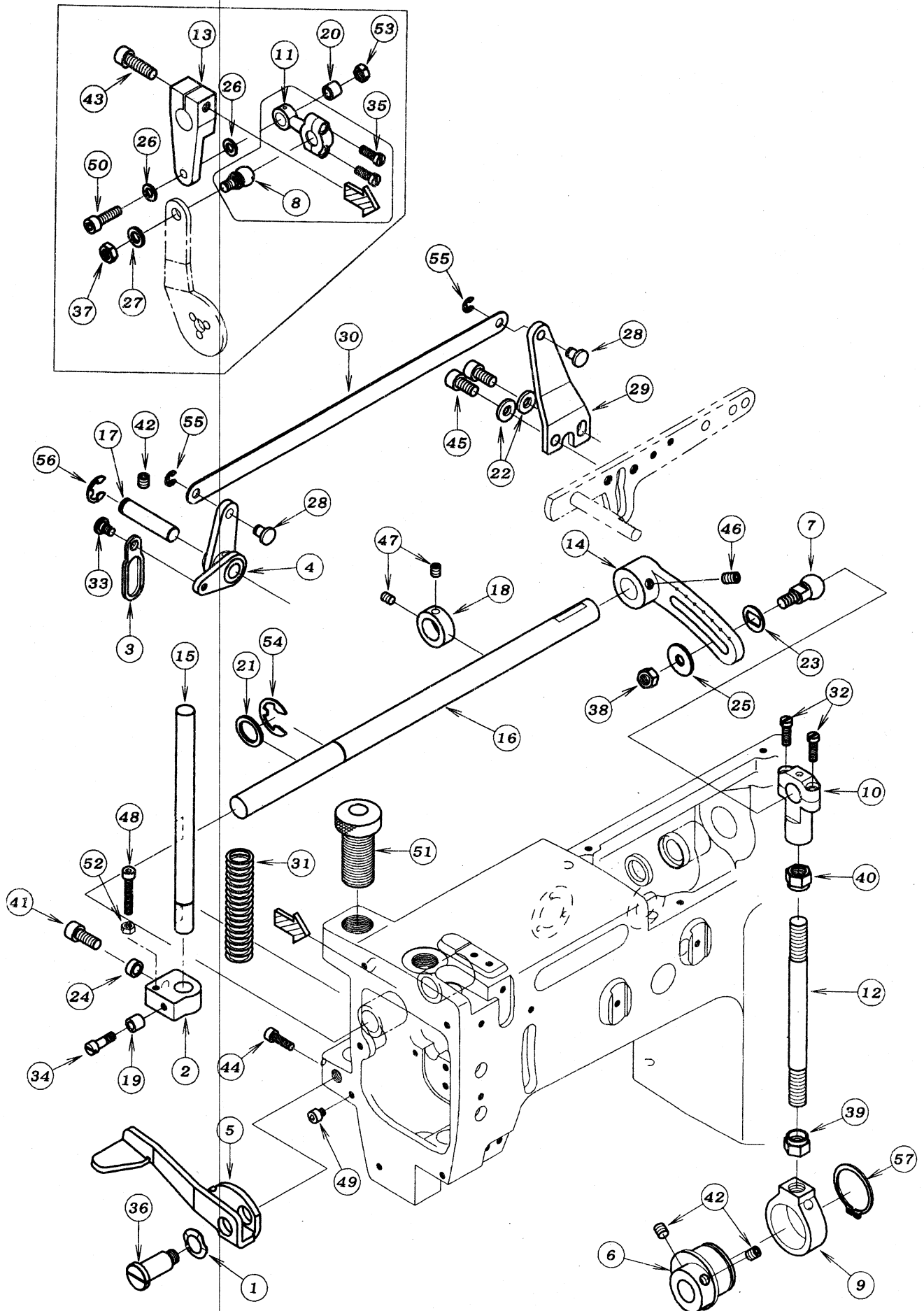
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
10-01	17-8010-G	銷	PIN	1
10-02	23-120	密封墊	GASKET	4
10-03	23-160	密封墊	SEAL WASHER	3
10-04	23-304	油封	SEAL	1
10-05	23-363	回油氈	FELT	1
10-06	23-451	油盤墊	GASKET	1
10-07	23-514	油封墊	JOINT SEAL	4
10-08	31-364	回油接頭	JOINT	1
10-09	30-0120	油泵組件	PUMP ASS'Y	1
10-10	31-151	油泵體	PUMP HOUSING	1
10-11	31-152	傳動軸	PUMP SHAFT	1
10-12	31-153	安裝板	PALTE	1
10-13	31-154	下蓋板	PUMP REAR PLATE	1
10-14	31-156	過濾網	PUMP MESH	1
10-15	31-157	過濾網夾	CLAMP	1
10-16	31-270	油盤	OIL TANK	1
10-17	31-271	濾油網	OIL FILTER SCREW	1
10-18	31-314	連接頭	JOINT	1
10-19	75-536	墊圈	WASHER	4
10-20	31-702	蝸輪	PUMP GEAR	1
10-21	31-705	外輪	OUTER ROTER	1
10-22	31-707	內輪	INNER ROTER	1
10-23	35-122	機座供油組件	PIPE	1
10-24	35-361	三通連接頭	JOINT	6
10-25	35-362	通油螺釘	JOINT SCREW	1
10-26	35-413	油管夾	CLAMP	7
10-27				
10-28	39-133	油管板	PIPE SUPPORT C	1
10-29	39-216	油量指示鏡	OIL GAUGE	1
10-30	75-185	墊圈	COLLAR	1
10-31	30-0121	油泵組件	PUMP ASS'Y	1
10-32	75-452	墊圈	WASHER	2
10-33	87-010	螺釘	SCREW	1
10-34	84-367	螺釘	SCREW	2
10-35	87-287	內六角螺釘	BOLT	1
10-36	87-252	內六角螺釘	BOLT	2
10-37	87-173	內六角螺釘	BOLT	4
10-38	35-528	內六角螺釘	BOLT	2
10-39	87-123	內六角螺釘	BOLT	3
10-40	87-129	內六角螺釘	BOLT	3
10-41	87-140	內六角螺釘	BOLT	1
10-42	87-183	內六角螺釘	BOLT	2
10-43	84-363	螺釘	SCREW	1
10-44	87-254	螺釘	SCREW	1
10-45	87-311	螺釘	SCREW	1
10-46	88-137	螺母	NUT	1
10-47	35-246	機頭供油組件	PIPING	1
10-48	35-317	油管	TUBE	2
10-49	35-318	油管	TUBE	1
10-50		油管		
10-51	35-322	油管	TUBE	1
10-52	35-315	油管	TUBE	1
10-53	35-343	油管	TUBE	1
10-54	31-2700-2	油盤組件	OIL TANK ASS'Y	1

11. 后拖輪部件(P, PMD) / REAR PULLER MECHANISM (P, PMD)



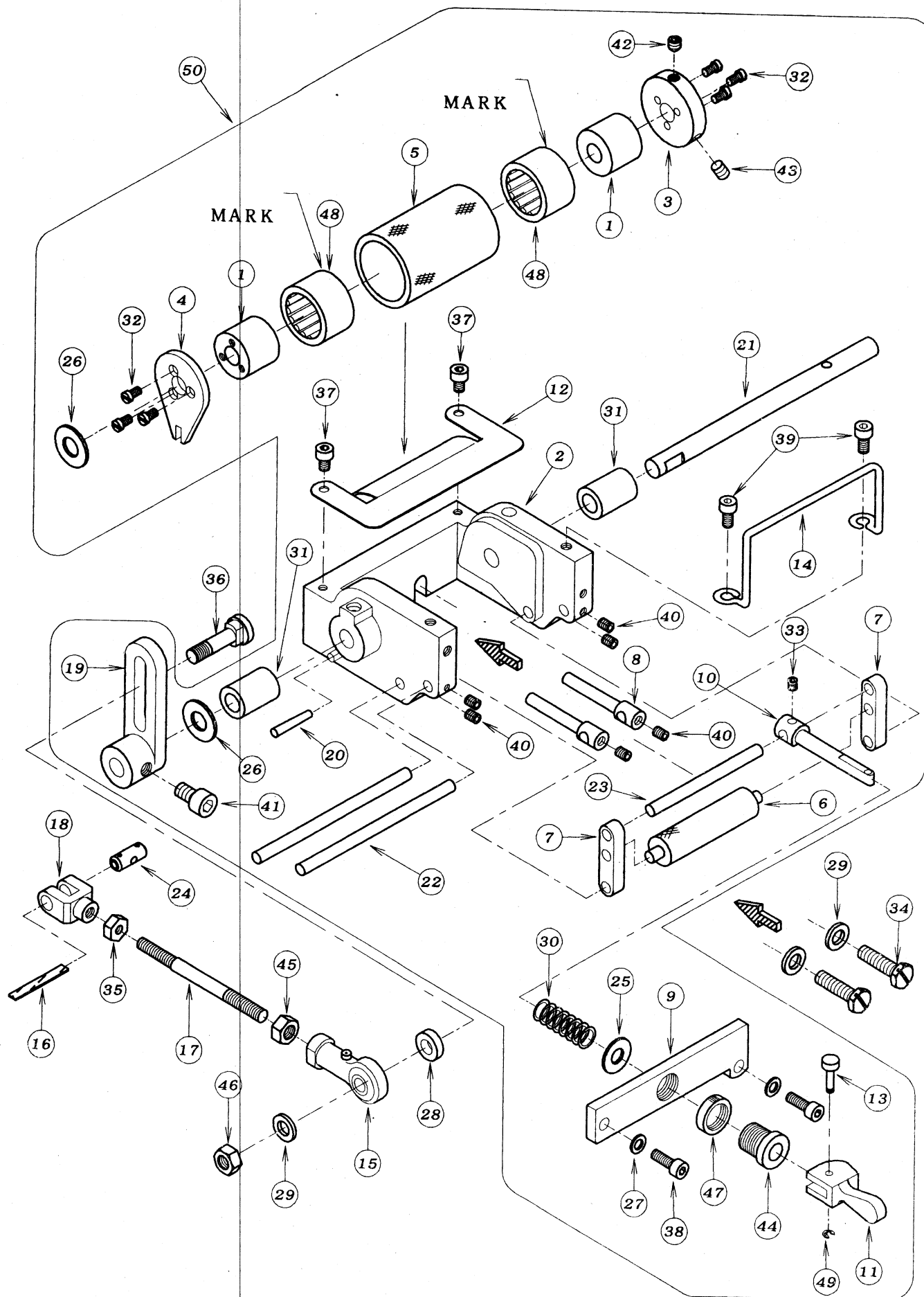
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
11-01	01-103	軸套	SLEEVE	2
11-02	02-116	波形墊圈	WAVE WASHER	1
11-03	02-117	蓋板	PLATE	1
11-04	02-122	主動軸內套	HOUSING	1
11-05	02-189	主動輪	REAR PULLER (SMOOTH)	1
11-06	02-251	后拖輪支架	REAR PULLER BRACKET	1
11-07	02-263	擺動板	CONNECTING PLATE	1
11-08	02-266	止擺塊	PLATE	1
11-09	02-488	主動輪	REAR PULLER GEAR	1
11-10	02-489	從動輪	REAR PULLER GEAR	1
11-11	02-301	主動輪	REAR PULLER	1
11-12	71-443	從動輪	SHAFT	1
11-13	71-651	從動輪軸	REAR PULLER SHAFT (LOWER)	1
11-14	71-921	止擺軸	PULLER GUIDE PIN	1
11-15	75-372	墊圈	WASHER	1
11-16	75-451	墊圈	WASHER	1
11-17	75-519	墊圈	WASHER	1
11-18	79-551	彈簧墊片	PULLER PLATE SPRING	1
11-19	81-321	主動輪右套	BUSHING	1
11-20	81-322	主動輪左套	BUSHING	1
11-21	81-323	滑套	BUSHING	1
11-22	84-162	螺釘	SCREW	6
11-23	84-463	螺釘	SCREW	2
11-24	84-573	螺釘	SCREW	1
11-25	87-214	內六角螺釘	BOLT	1
11-26	87-113	內六角螺釘	BOLT	2
11-27	87-129	內六角螺釘	BOLT	1
11-28	87-181	內六角螺釘	SCREW	1
11-29	87-225	內六角螺釘	BOLT	1
11-30	88-179	螺釘	NUT	2
11-31	91-405	滾針軸承	BEARING	2
11-32	93-221	卡簧	E-RING	1
11-33	00-0421	42齒后拖輪組件	42 TEETH PULLER ASS'Y	1
11-34	00-2002	平滑后拖輪組件	SMOOTH PULLER ASS'Y	1

12. 后拖輪連接部件 / REAR PULLER MECHANISM



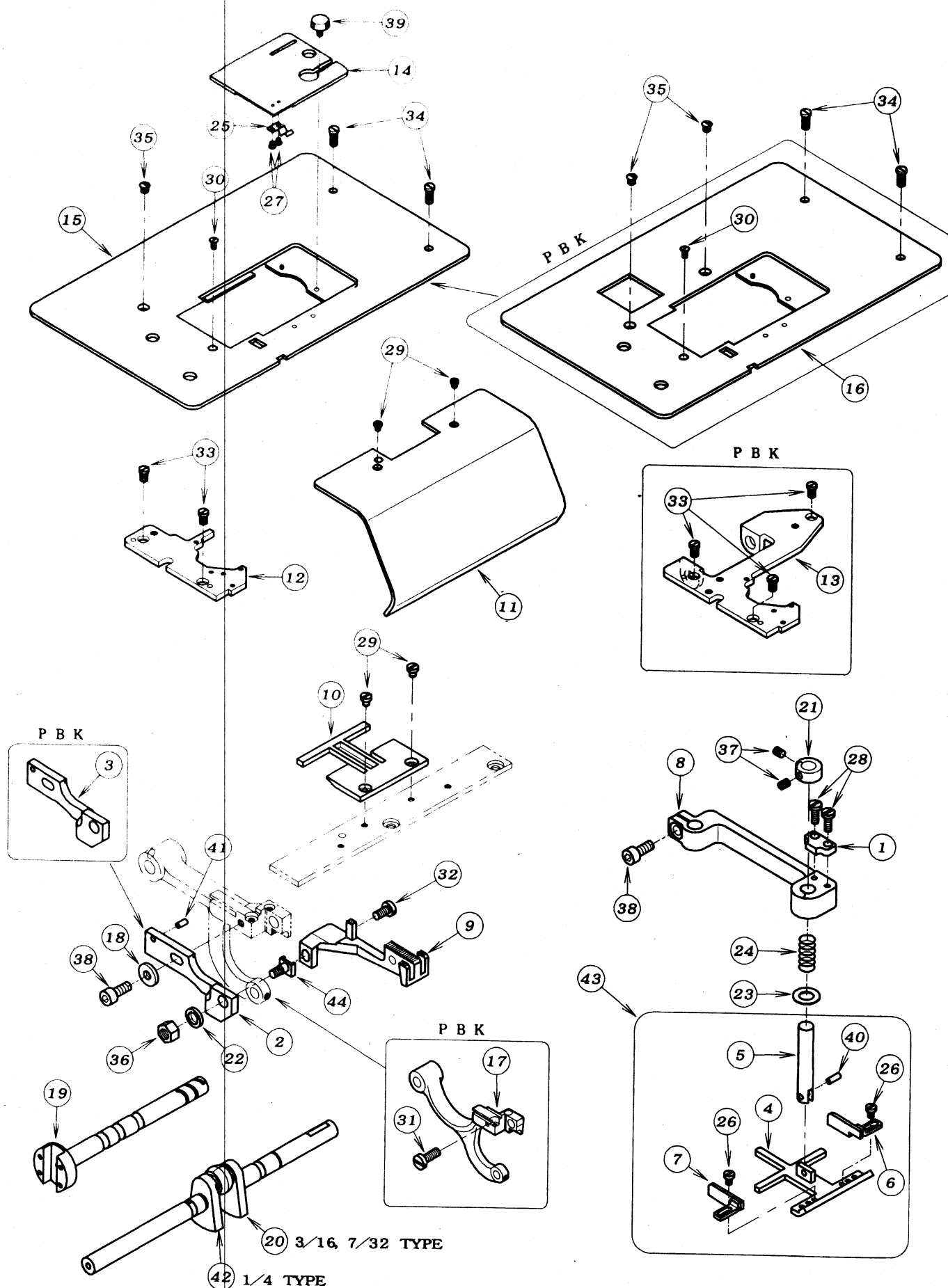
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
12-01	02-112	波形墊圈	WASHER	1
12-02	02-204	后拖輪提升塊	BRACKET	1
12-03	02-205	拉板	PLATE	1
12-04	02-219	后拖輪提升杠杆	LEVER	1
12-05	02-408	后拖輪提升扳手	LEVER	1
12-06	61-208	偏心凸輪	PULLER DRIVING ECCENTRIC	1
12-07	61-714	球接頭	CONNECTING ROD BALL	1
12-08	61-810	球接頭	CONNECTING ROD BALL	1
12-09	63-208	銅連杆	CONNECTING LINK	1
12-10	63-711	銅連杆	BALL JOINT	1
12-11	63-810	銅連杆	BALL JOINT	1
12-12	65-302	雙頭連杆	CONNECTING BAR	1
12-13	67-171	后拖輪前曲柄	PULLER DRIVING LEVER (FRONT)	2
12-14	67-172	后拖輪后曲柄	PULLER DRIVING LEVER (REAR)	1
12-15	71-450	后拖輪堅軸	SHAFT	1
12-16	71-691	后拖輪擺動軸	PULLER DRIVING SHAFT	1
12-17	71-726	銷軸	SHAFT	1
12-18	75-112	擋圈	COLLAR	1
12-19	75-211	滾柱	COLLAR	1
12-20	75-247	滾柱	ROLLER	1
12-21	75-332	墊圈	WASHER	1
12-22	75-458	墊圈	WASHER	2
12-23	75-491	墊圈	WASHER	1
12-24	75-493	滾柱	COLLAR	1
12-25	75-515	墊圈	WASHER	1
12-26	75-520	墊圈	WASHER	2
12-27	75-552	墊圈	WASHER	1
12-28	77-419	銷子	PIN	2
12-29	77-420	后拖輪提升曲柄	PLATE	1
12-30	77-425	拉杆	PLATE	1
12-31	79-425	壓脚調壓彈簧	SPRING	1
12-32	84-567	螺釘	SCREW	2
12-33	84-581	螺釘	SCREW	1
12-34	84-582	螺釘	SCREW	1
12-35	84-635	螺釘	SCREW	2
12-36	85-671	軸位螺釘	SCREW	1
12-37	86-411	螺母	NUT	1
12-38	86-501	螺母	NUT	1
12-39	86-741	螺母	NUT	1
12-40	86-742	螺母	NUT	1
12-41	87-171	內六角螺釘	BOLT	1
12-42	87-172	內六角螺釘	SCREW	3
12-43	87-173	內六角螺釘	BOLT	1
12-44	87-214	內六角螺釘	BOLT	1
12-45	87-225	內六角螺釘	BOLT	2
12-46	87-242	內六角螺釘	SCREW	1
12-47	87-254	內六角螺釘	SCREW	2
12-48	87-285	內六角螺釘	BOLT	1
12-49	87-287	內六角螺釘	BOLT	1
12-50	87-291	內六角螺釘	BOLT	1
12-51	87-754	調壓螺釘	SCREW	1
12-52	88-146	螺母	NUT	1
12-53	88-157	螺母	NUT	1
12-54	93-203	卡簧	E-RING	1
12-55	93-205	卡簧	E-RING	2
12-56	93-222	卡簧	E-RING	1
12-57	93-258	卡簧	SNAP RING	1

13. 前拖輪部件 / METERING DEVICE MECHANISM



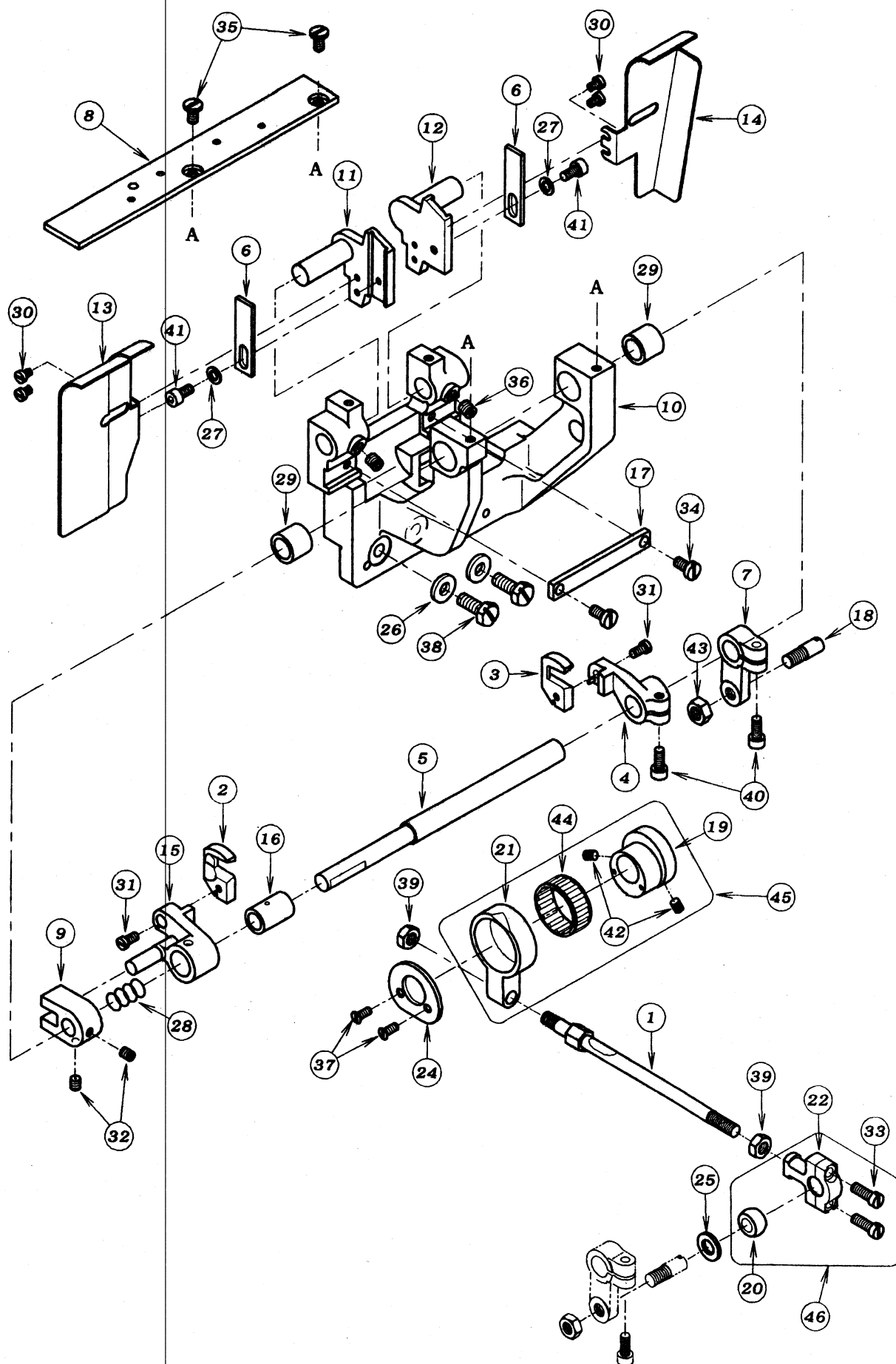
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
13-01	01-103	軸套	SLEEVE	2
13-02	01-111	支架	BRACKET	1
13-03	01-113	前拖輪蓋	CLUTCH DRIVING COLLAR	1
13-04	01-116	前蓋板	PLATE	1
13-05	01-132	上滾輪	PULLER	1
13-06	01-134	下滾輪	LOWER ROLLER	1
13-07	01-136	滾輪固定器	ROLLER HOLDER	2
13-08	01-138	樞軸固定器	PIVOT SHAFT HOLDER	2
13-09	01-141	橡膠緊綫器	RUBBER TIGHTENER	1
13-10	01-143	滾輪控制器	ROLLER CONTROLER	1
13-11	01-145	杠杆	LEVER	1
13-12	01-146	蓋板	COVER	1
13-13	01-147	銷	PIN	1
13-14	01-152	導向器	GUIDE	1
13-15	05-954	連接塊	ROD	1
13-16	23-341	油綫	FELT	1
13-17	65-333	滾輪連接螺絲	PULLER CONNECTING BAR	1
13-18	66-131	連杆接頭	CONNECTING LINK	1
13-19	67-180	擺杆	PULLER CONNECTING LEVER	1
13-20	71-227	銷	PIN	1
13-21	71-350	軸	SHAFT	1
13-22	71-361	樞軸(大)	PIVOT SHAFT (LARGE)	2
13-23	71-362	樞軸(小)	PIVOT SHAFT (SMALL)	1
13-24	71-432	進料搖杆銷	FEED ROCKER LINK PIN	1
13-25	75-446	墊圈	WASHER	1
13-26	75-451	墊圈	WASHER	2
13-27	75-468	墊圈	WASHER	2
13-28	75-480	墊圈	WASHER	1
13-29	75-552	墊圈	WASHER	3
13-30	79-171	彈簧	SPRING	1
13-31	81-125	軸套	BUSHING	2
13-32	84-162	螺釘	SCREW	6
13-33	84-314	內六角螺釘	SCREW	1
13-34	84-813	螺釘	SCREW	2
13-35	86-701	螺母	NUT	1
13-36	87-006	軸位螺釘	SCREW	1
13-37	87-092	內六角螺釘	BOLT	2
13-38	87-129	內六角螺釘	BOLT	2
13-39	87-177	內六角螺釘	BOLT	2
13-40	87-181	內六角螺釘	SCREW	6
13-41	87-203	內六角螺釘	BOLT	1
13-42	87-253	內六角螺釘	SCREW	1
13-43	87-254	螺釘	SCREW	1
13-44	87-456	調壓螺釘	SCREW	1
13-45	88-161	螺母	NUT	1
13-46	88-166	螺母	NUT	1
13-47	88-456	調壓螺母	NUT	1
13-48	91-405	滾針軸承	BEARING	2
13-49	93-200	卡簧	E-RING	1
13-50	00-1401	前拖輪機構組件	METERING DEVICE ASS'Y	1

14. BK専用部品(1) / MODEL BK EXCLUSIVE PARTS (1)



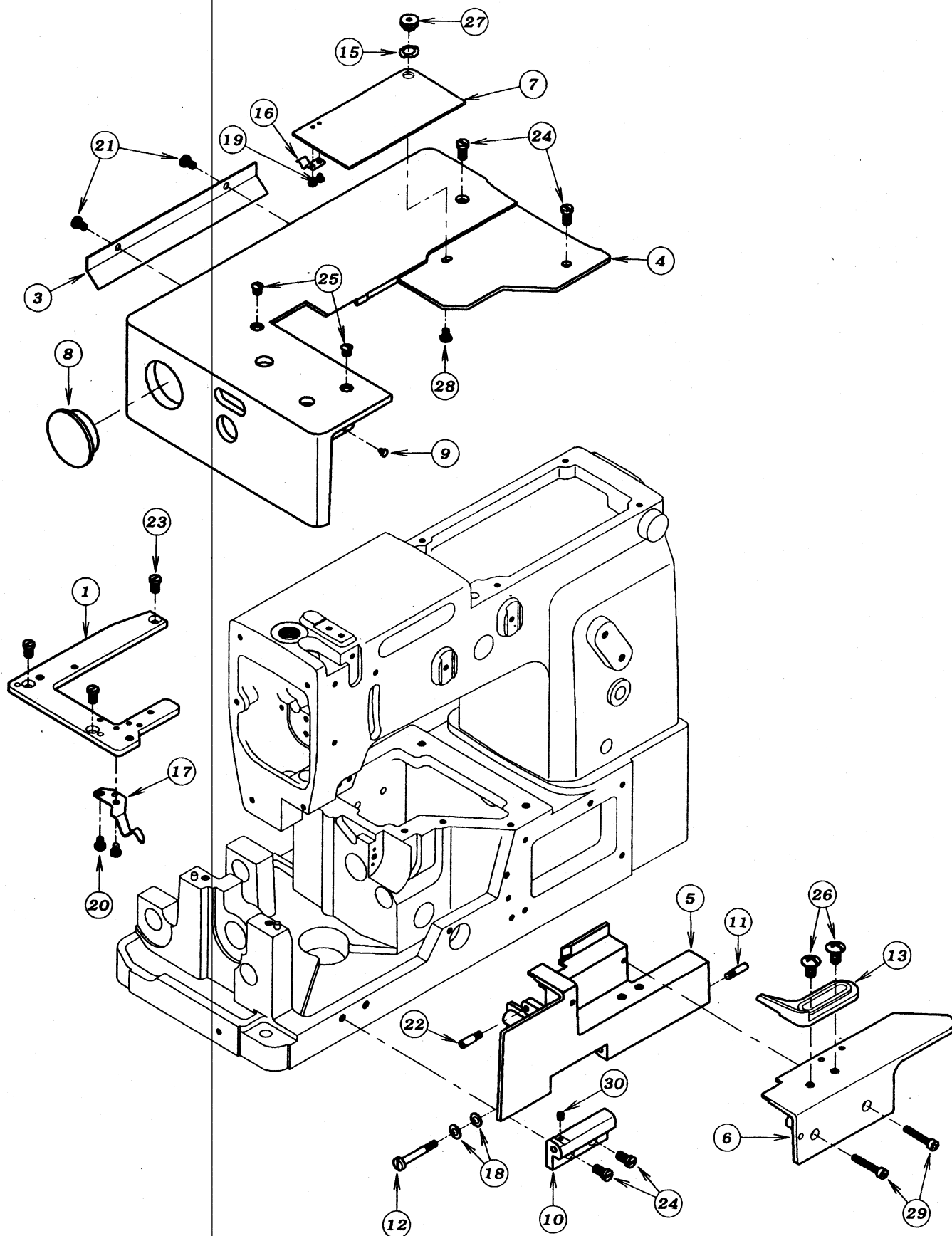
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
14-01	07-295	定位塊	GUIDE PLATE	1
14-02	07-388	輔助送布牙支架	BRACKET	1
14-03	07-389	輔助送布牙支架	BRACKET	1
14-04	07-3950-A	輔助壓腳	PRESSER FOOT BOTTOM	1
14-05	07-3950-D	銷	PIN	1
14-06	07-3950-B	輔助壓腳(右)	GUIDE (R)	1
14-07	07-3950-C	輔助壓腳(左)	GUIDE (L)	1
14-08	07-722	輔助支架	SUPPORT BRACKET	1
14-09	07-726	送布牙	FEED DOG	1
14-10	07-728	輔助針板	PLATE	1
14-11	07-750	支架上罩板	GUIDE COVER	1
14-12	14-066	針板座	NEEDLE PLATE SUPPORT BRACKET	1
14-13	14-067	針板座	NEEDLE PLATE SUPPORT BRACKET	1
14-14	21-227	壓板	SLIDE COVER	1
14-15	21-393	上罩殼	UPPER COVER	1
14-16	21-394	上罩殼	UPPER COVER	1
14-17	55-156	牙架	FEED ROCKER	1
14-18	75-456	墊圈	WASHER	1
14-19	71-795	下軸前節	MIN SHAFT	1
14-20	71-894	下軸后節	CRANK SHAFT	1
14-21	75-152	擋圈	COLLAR	1
14-22	75-381	墊圈	WASHER	1
14-23	75-519	墊圈	WASHER	1
14-24	79-142	彈簧	SPRING	1
14-25	79-801	壓簧	SPRING	1
14-26	84-161	螺釘	SCREW	2
14-27	84-163	螺釘	SCREW	2
14-28	84-363	螺釘	SCREW	2
14-29	84-364	螺釘	SCREW	4
14-30	84-464	螺釘	SCREW	1
14-31	84-566	螺釘	SCREW	1
14-32	84-571	螺釘	SCREW	1
14-33	84-761	螺釘	SCREW	5
14-34	84-763	螺釘	SCREW	2
14-35	84-862	螺釘	SCREW	1~2
14-36	86-501	螺母	NUT	1
14-37	87-181	螺釘	SCREW	2
14-38	87-252	內六角螺釘	BOLT	2
14-39	87-292	調節螺釘	SCREW	1
14-40	93-720	銷	PIN	1
14-41	93-727	銷	PIN	1
14-42	71-895	下軸后節	CRANK SHAFT	1
14-43	07-3950-2	輔助壓腳組件	PRESSER FOOT ASS'Y	1
14-44	55-053	送布牙安裝支架	FEED DOG HOLDER	1

15. BK専用部品(2) / MODEL BK EXCLUSIVE PARTS (2)



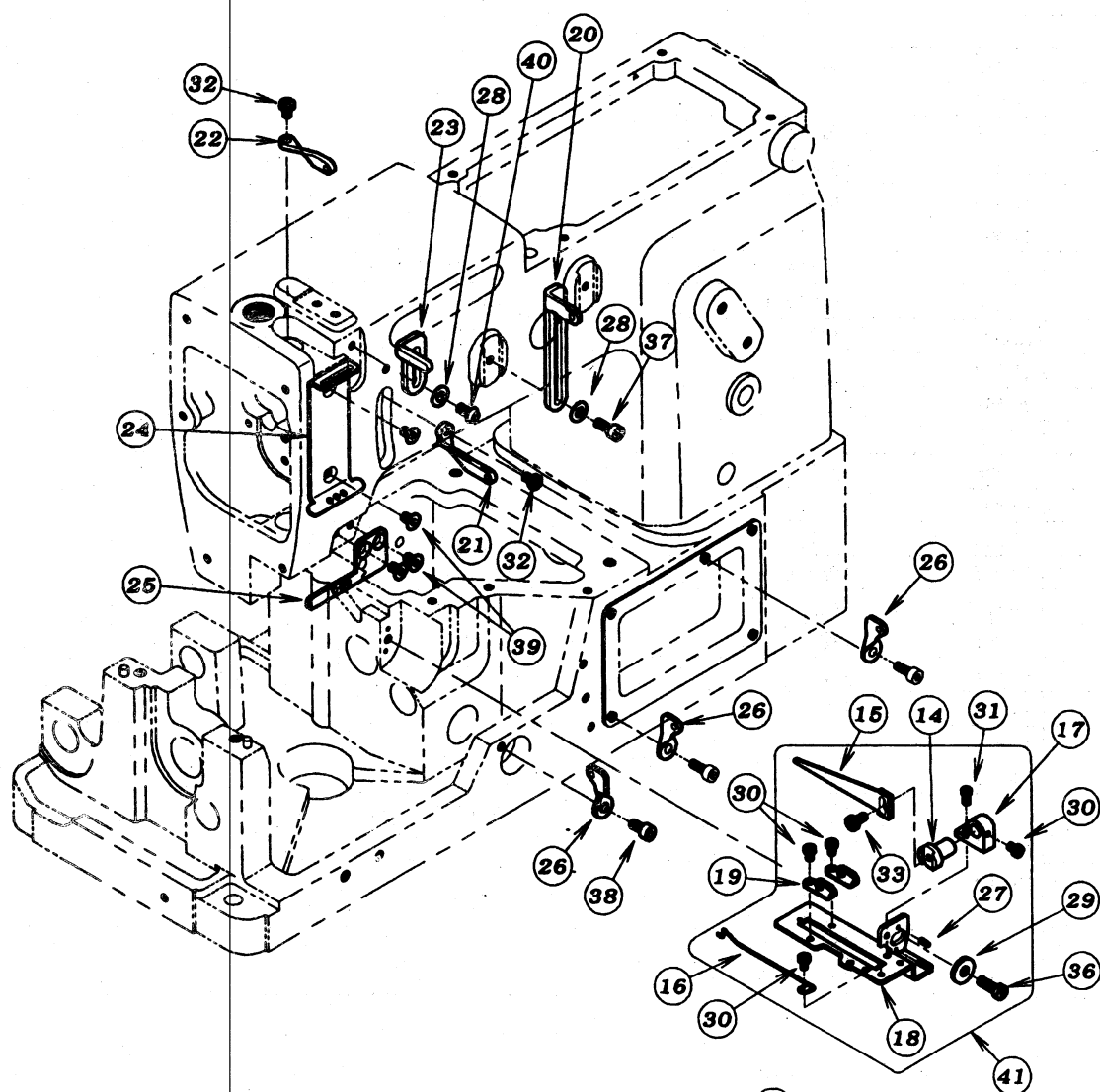
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
15-01	07-701	連杆	CONNECTING BAR	1
15-02	07-702	上切刀(左)	UPPER KNIFE (L)	1
15-03	07-703	上切刀(右)	UPPER KNIFE (R)	1
15-04	07-705	上切刀安裝支架(右)	UPPER KNIFE BRACKET (R)	1
15-05	07-706	上切刀擺動軸	SHAFT	1
15-06	07-707	下切刀	LOWER KNIFE	2
15-07	07-721	下切刀驅動曲柄	LEVER	1
15-08	07-733	輔助墊板	PLATE	1
15-09	07-739	切刀支架	JOINT BRACKET	1
15-10	07-742	支架	BASE BRACKET	1
15-11	07-743	下切刀安裝支架(左)	LOWER KNIFE HOLDER (L)	1
15-12	07-744	下切刀安裝支架(右)	LOWER KNIFE HOLDER (R)	1
15-13	07-746	切刀左護板	CHIP GUIDE COVER (L)	1
15-14	07-747	切刀右護板	CHIP GUIDE COVER (R)	1
15-15	07-748	安裝支架(左)	UPPER KNIFE BRACKET (L)	1
15-16	07-749	軸套	BUSHING	1
15-17	07-751	導板	GUIDE PLATE	1
15-18	07-752	螺釘銷	PIN	1
15-19	61-255	偏心輪	ECCENTRIC	1
15-20	61-841	球接頭	JOINT BALL	1
15-21	63-211	前切刀連杆	ECCENTRIC LINK	1
15-22	63-811	銅連杆	BALL JOINT	1
15-23				
15-24	75-254	蓋板	PLATE	1
15-25	75-401	墊圈	WASHER	1
15-26	75-458	墊圈	WASHER	2
15-27	75-468	墊圈	WASHER	2
15-28	79-148	彈簧	SPRING	1
15-29	81-704	軸套	BUSHING	2
15-30	84-161	螺釘	SCREW	4
15-31	84-362	螺釘	SCREW	2
15-32	84-521	內六角螺釘	SCREW	2
15-33	84-635	螺釘	SCREW	2
15-34	84-571	螺釘	SCREW	2
15-35	84-574	螺釘	SCREW	2
15-36	84-727	內六角螺釘	SCREW	2
15-37	84-192	螺釘	SCREW	2
15-38	84-812	螺釘	SCREW	2
15-39	86-411	螺母	NUT	2
15-40	87-113	內六角螺釘	BOLT	2
15-41	87-177	內六角螺釘	BOLT	2
15-42	87-181	螺釘	SCREW	2
15-43	88-166	螺母	NUT	1
15-44	91-411	滾針軸承	BEARING	1
15-45	60-1330	連杆組件	ECCENTRIC LINK ASS'Y	1
15-46	60-3830	銅連杆組件	CONNECTING ROD ASS'Y	1

16. EHD専用部品 / MODEL EHD EXCLUSIVE PARTS

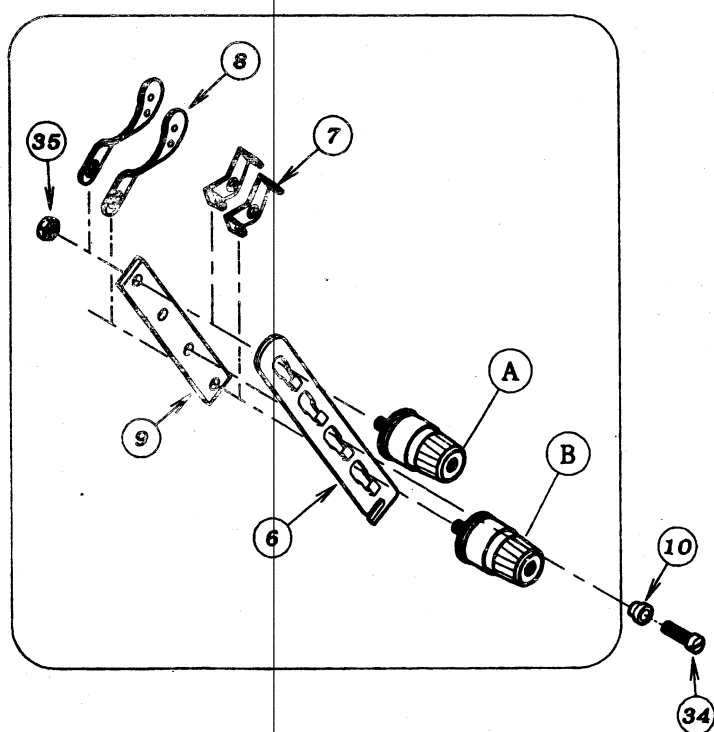


REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
16-01	14-065	針板座	NEEDLE PLATE SUPPORT BRACKET	1
16-02				
16-03	21-783	護板	COVER	1
16-04	21-837	上罩殼	CLOTH PLATE	1
16-05	21-838	前鉛蓋	FRONT COVER	1
16-06	21-839	前鉛蓋固定板	RULER PLATE	1
16-07	21-840	前罩殼	FRONT BASE COVER	1
16-08	23-504	油封	PLUG	1
16-09	23-512	防震墊	CUSHION RUBBER	1
16-10	25-226	固定支架	HINGE	1
16-11	25-503	螺釘	SCREW	1
16-12	25-517	螺釘	SCREW	1
16-13	26-553	定規	GUIDE	1
16-14				
16-15	75-528	波形墊圈	WASHER	1
16-16	79-801	壓簧	SPRING	1
16-17	79-803	壓簧	SPRING	1
16-18	79-922	彈簧墊圈	SPRING	2
16-19	84-117	螺釘	SCREW	2
16-20	84-361	螺釘	SCREW	2
16-21	84-574	螺釘	SCREW	2
16-22	84-706	螺釘	SCREW	1
16-23	84-761	螺釘	SCREW	3
16-24	84-762	螺釘	SCREW	4
16-25	84-862	螺釘	SCREW	2
16-26	85-182	螺釘	SCREW	2
16-27	86-266	螺母	NUT	1
16-28	87-266	螺釘	SCREW	1
16-29	87-285	內六角螺釘	BOLT	2
16-30	87-286	螺釘	SCREW	1

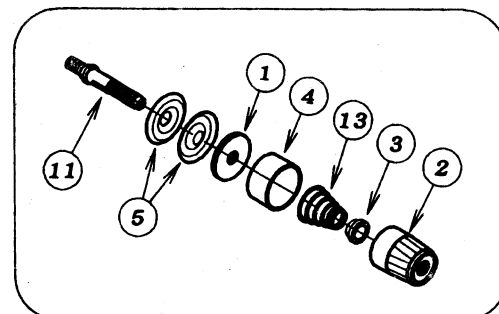
17. 挑線機構(1701EHD) / THREAD TENSION MECHANISM (1701EHD)



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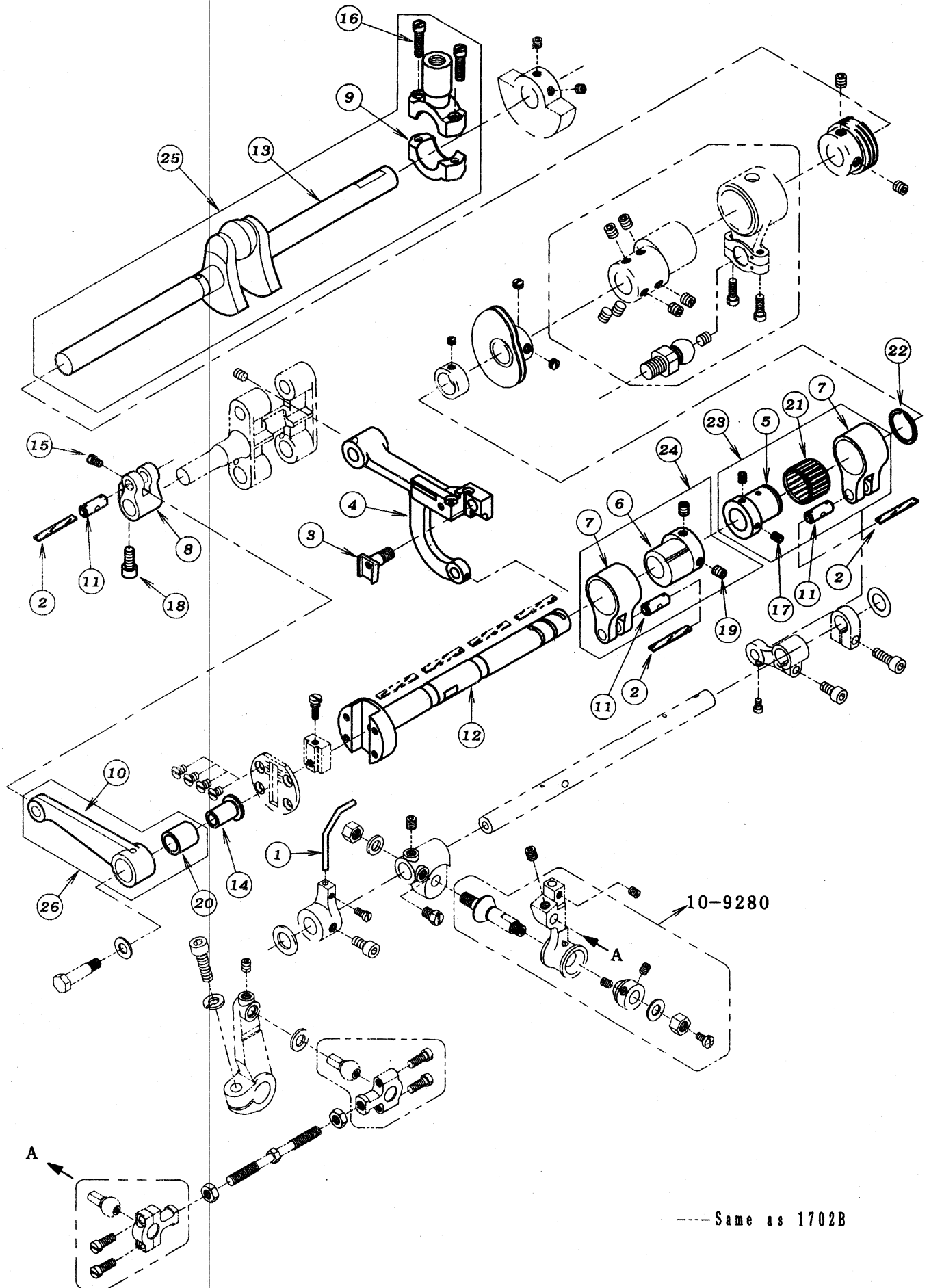


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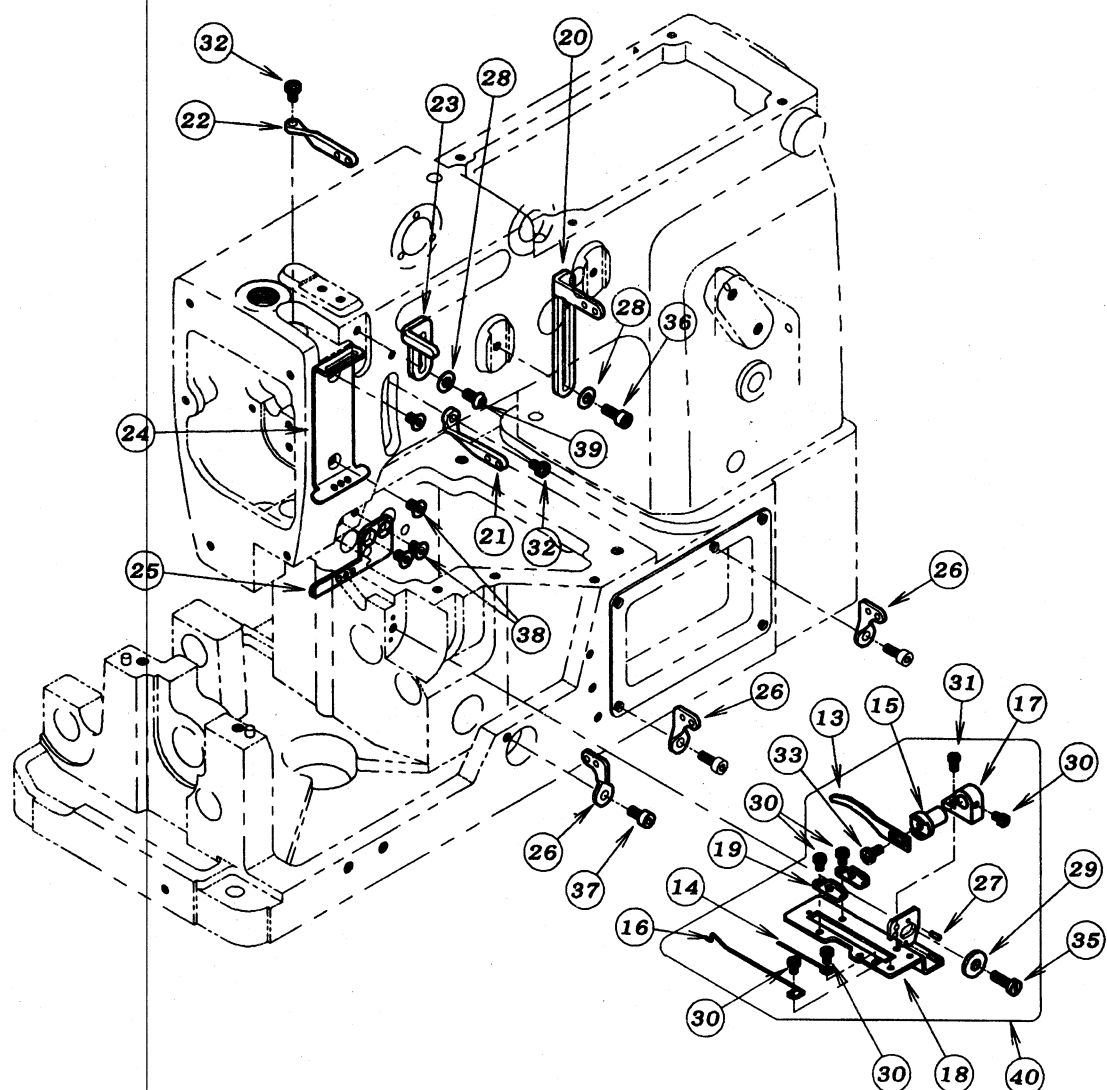
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
17-01	23-324	氈墊圈	FELT	2
17-02	41-101	夾綫螺釘母	THREAD TENSION NUT	2
17-03	41-105	夾綫螺母止動板	SPRING POST	2
17-04	41-107	夾綫外殼	SPRING CUP	2
17-05	41-110	夾綫板	TENSION DISC	4
17-06	41-113	松綫頂板	TENSION POST SUPPORT	1
17-07	41-118	過綫板	THREAD EYELET	2
17-08	41-119	過綫板	THREAD EYELET	2
17-09	41-121	夾綫器安裝架	TENSION POST HOLDER	1
17-10	41-132	墊圈	COLLAR	1
17-11	41-510	夾綫螺釘	SCREW STUD	2
17-12	41-701	彈簧(強)	SPRING (HEAVY)	1
17-13	41-702	彈簧(弱)	SPRING (LIGHT)	1
17-14	43-112	銷	PIN	1
17-15	43-333	導綫器	THREAD GUIDE	1
17-16	43-335	卡簧	LOOPER THREAD RETAINER WIRE	1
17-17	43-339	導綫器安裝支架	BRACKET	1
17-18	43-341	支架	GUIDE PLATE	1
17-19	43-437	下過綫	THREAD EYELET	2
17-20	45-109	上過綫板	THREAD EYELET	1
17-21	45-129	挑綫杆	THREAD EYELET	1
17-22	45-139	針杆挑綫杆	THREAD EYELET	1
17-23	45-429	針杆擋綫杆	THREAD TAKE-UP PLATE	1
17-24	45-439	機針上過綫板	THREAD EYELET	1
17-25	45-440	機針下過綫板	THREAD EYELET	1
17-26	47-171	下過綫板	THREAD EYELET	3
17-27	71-191	銷	PIN	2
17-28	75-455	墊圈	WASHER	2
17-29	75-456	墊圈	WASHER	1
17-30	84-161	螺釘	SCREW	4
17-31	84-162	螺釘	SCREW	1
17-32	84-361	螺釘	SCREW	2
17-33	84-374	螺釘	SCREW	1
17-34	84-764	螺釘	SCREW	1
17-35	86-411	螺母	NUT	1
17-36	87-097	螺釘	SCREW	1
17-37	87-113	內六角螺釘	BOLT	1
17-38	87-177	內六角螺釘	BOLT	1
17-39	87-293	螺釘	SCREW	4
17-40	87-272	螺釘	SCREW	1
17-41	40-3700	彎針過綫組件	LOOPER THREAD EYELET ASS'Y	1

18. 1701EHD専用部品 / MODEL 1701EHD EXCLUSIVE PARTS

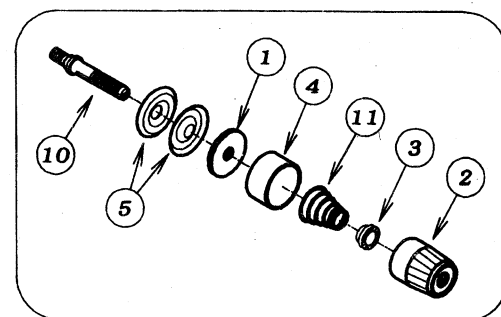
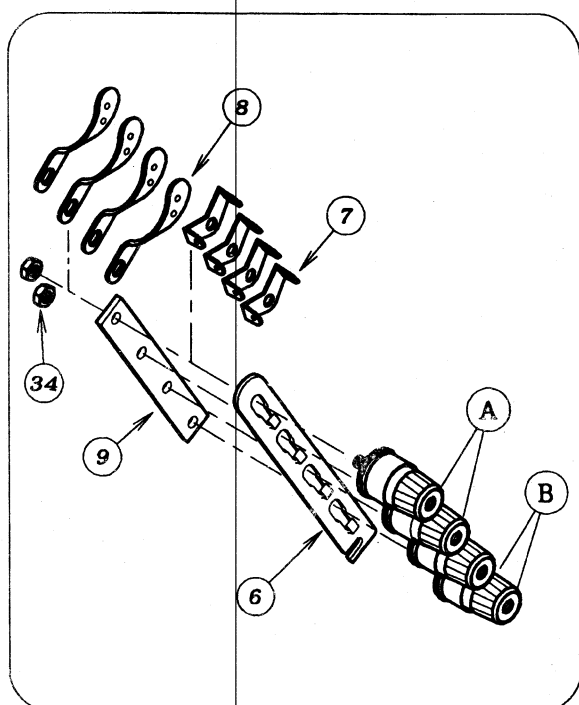


REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
18-01	18-726	機針導線器	NEEDLE GUIDE	1
18-02	23-341	油錢	FELT	3
18-03	55-055	送布牙架支架	FEED DOG HOLDER	1
18-04	55-175	牙架	FEED ROCKER	1
18-05	61-313	抬牙凸輪	LOOPER AVOID ECCENTRIC	1
18-06	61-325	抬牙凸輪	FEED ECCENTRIC	1
18-07	63-232	抬牙連杆	ECCENTRIC LINK	2
18-08	63-352	送布曲柄	FEED ROCKER LINK	1
18-09	63-621	銅連杆	BALL JOINT	1
18-10	67-312	送布擺杆	FEED ROCKER ARM	1
18-11	71-431	銷	PIN	3
18-12	71-774	下軸前節	MAIN SHAFT	1
18-13	71-878	下軸后節	CRANK SHAFT	1
18-14	75-235	隔套	ROLLER	1
18-15	84-366	螺釘	SCREW	1
18-16	84-568	螺釘	SCREW	2
18-17	87-181	內六角螺釘	SCREW	2
18-18	87-252	內六角螺釘	BOLT	1
18-19	87-254	內六角螺釘	SCREW	2
18-20	91-270	滾針軸承	BEARING	1
18-21	91-406	滾針軸承	BEARING	1
18-22	93-406	卡簧	C-RING	1
18-23	60-1120	抬牙連杆組件	ECCENTRIC LINK ASS'Y	1
18-24	60-1230	抬牙連杆組件	ECCENTRIC LINK ASS'Y	1
18-25	70-0190	下軸組件	CRANK SHAFT ASS'Y	1
18-26	60-7200	送布擺杆組件	FEED ROCKER ARM SET	1

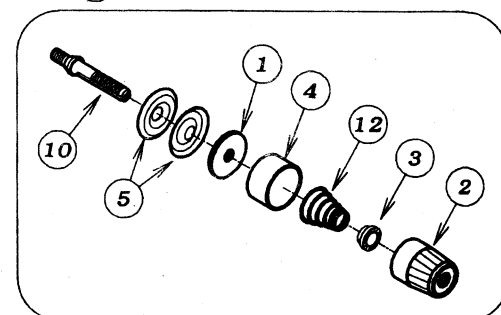
19. 挑綫機構(1702EHD) / THREAD TENSION MECHANISM (1702EHD)



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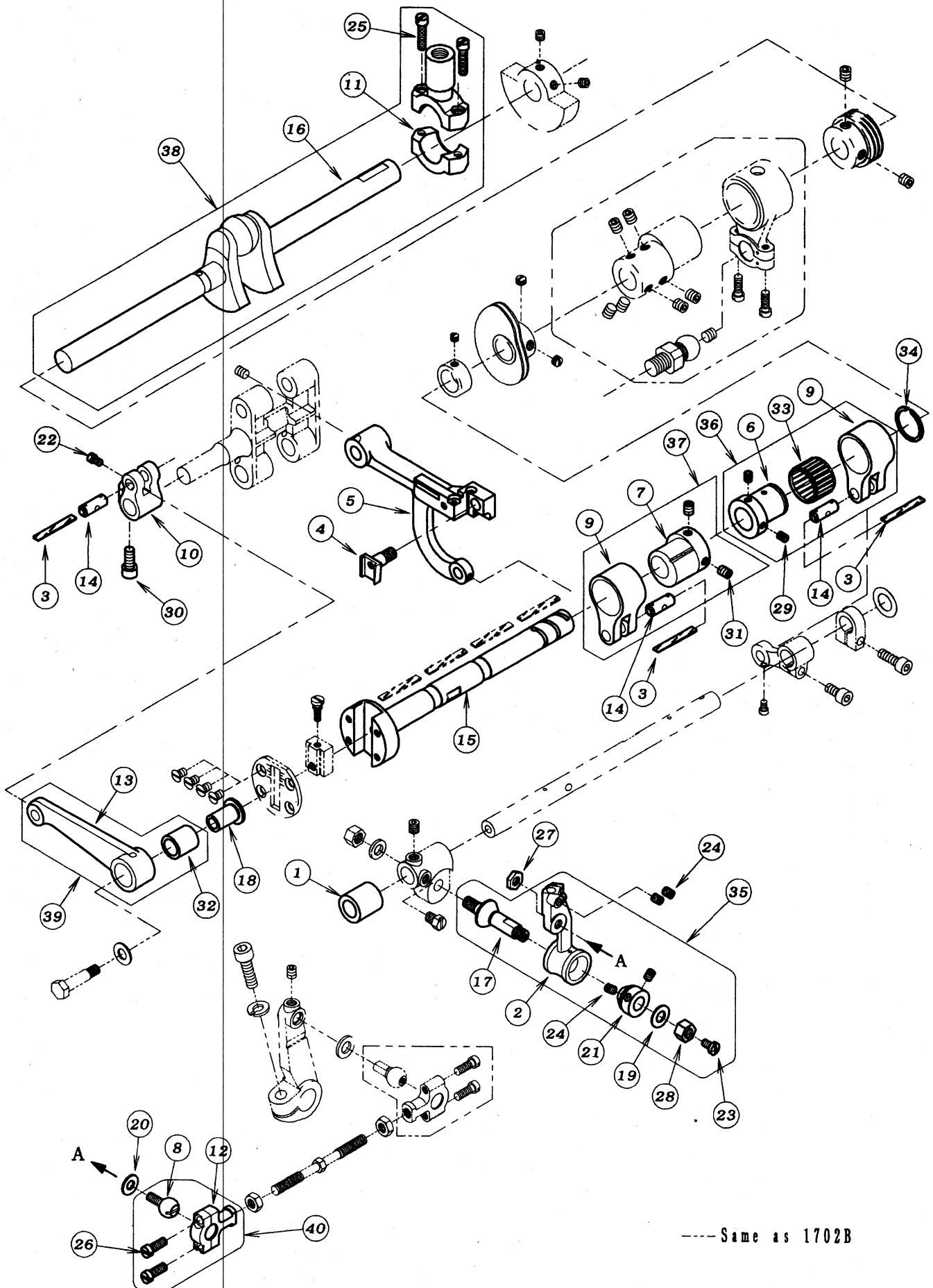


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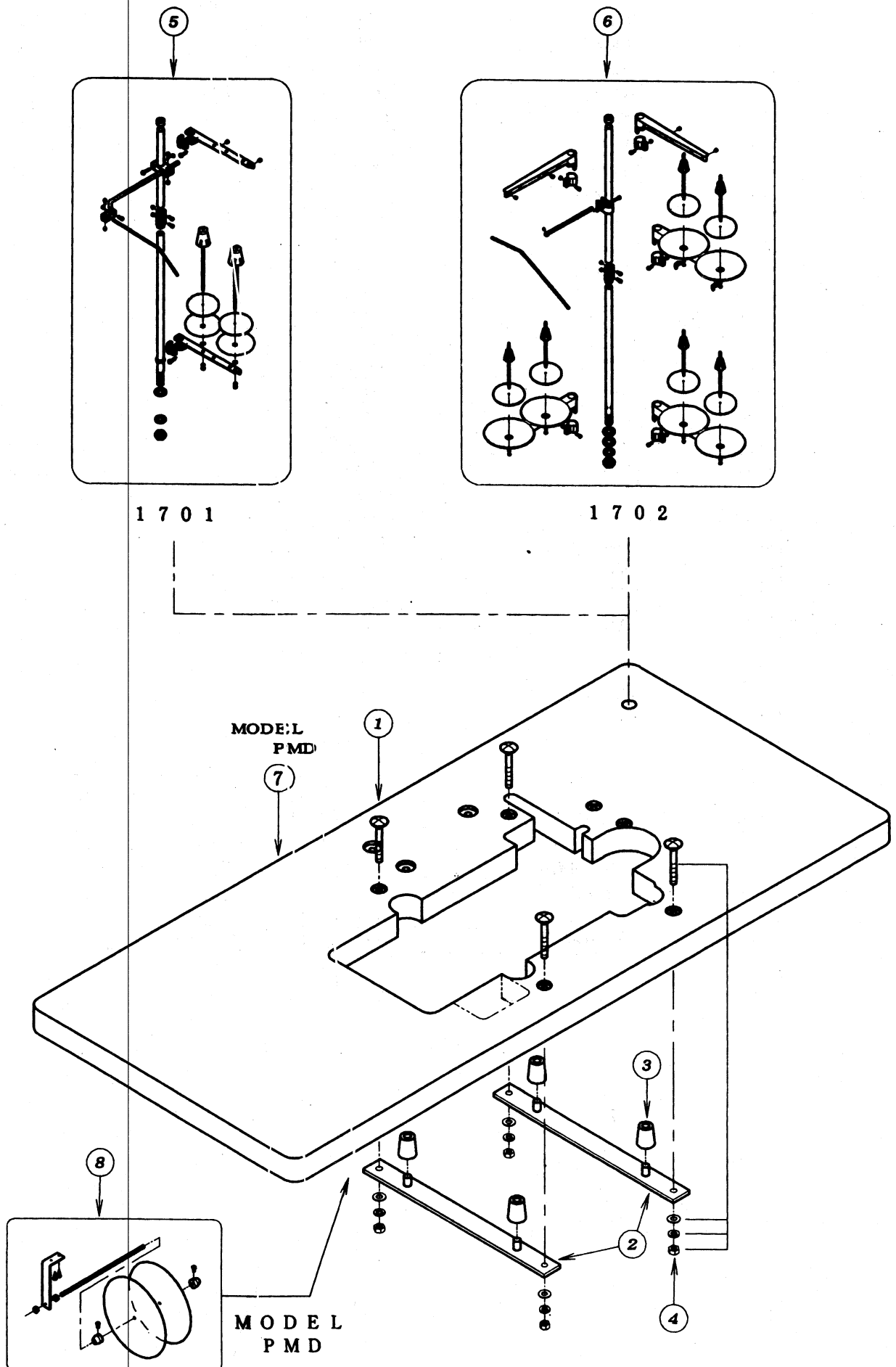
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
19-01	23-324	氈墊圈	FELT	2
19-02	41-101	夾錢螺母	THREAD TENSION NUT	2
19-03	41-105	夾錢螺母止動板	SPRING POST	2
19-04	41-107	夾錢外殼	SPRING CUP	2
19-05	41-110	夾錢板	TENSION DISC	4
19-06	41-113	松錢頂板	TENSION POST SUPPORT	1
19-07	41-118	過錢板	THREAD EYELET	4
19-08	41-119	過錢板	THREAD EYELET	4
19-09	41-121	夾錢器安裝板	TENSION POST HOLDER	1
19-10	41-510	夾錢螺釘	SCREW STUD	2
19-11	41-701	彈簧(強)	SPRING (HEAVY)	1
19-12	41-702	彈簧(弱)	SPRING (LIGHT)	1
19-13	43-104	導錢器	RETAINER UPPER	1
19-14	43-105	卡簧	GUIDE WIRE	1
19-15	43-112	銷	PIN	1
19-16	43-335	導錢管卡管	LOOPER THREAD RETAINER WIRE	1
19-17	43-339	夾錢器安裝支架	BRACKET	1
19-18	43-345	支架	GUIDE PLATE	1
19-19	43-437	下過錢	THREAD EYELET	2
19-20	45-099	上過錢板	THREAD EYELET	1
19-21	45-114	挑錢杆	THREAD EYELET	1
19-22	45-172	針杆挑錢杆	THREAD EYELET	1
19-23	45-429	針杆挑錢杆	THREAD TAKE-UP PLATE	1
19-24	45-439	機針上過錢板	THREAD EYELET	1
19-25	45-440	機針下過錢板	THREAD EYELET	1
19-26	47-172	下過錢板	THREAD EYELET	3
19-27	71-191	銷	PIN	2
19-28	75-455	墊圈	WASHER	2
19-29	75-456	墊圈	WASHER	1
19-30	84-161	螺釘	SCREW	5
19-31	84-162	螺釘	SCREW	1
19-32	84-361	螺釘	SCREW	2
19-33	84-374	螺釘	SCREW	1
19-34	86-411	螺母	NUT	2
19-35	87-097	螺釘	SCREW	1
19-36	87-113	內六角螺釘	BOLT	1
19-37	87-177	內六角螺釘	BOLT	1
19-38	87-293	螺釘	SCREW	4
19-39	87-272	螺釘	SCREW	1
19-40	40-3710	彎針過錢組件	LOOPER THREAD EYELET ASS'Y	1

20. 1702EHD専用部品 / MODEL 1702EHD EXCLUSIVE PARTS



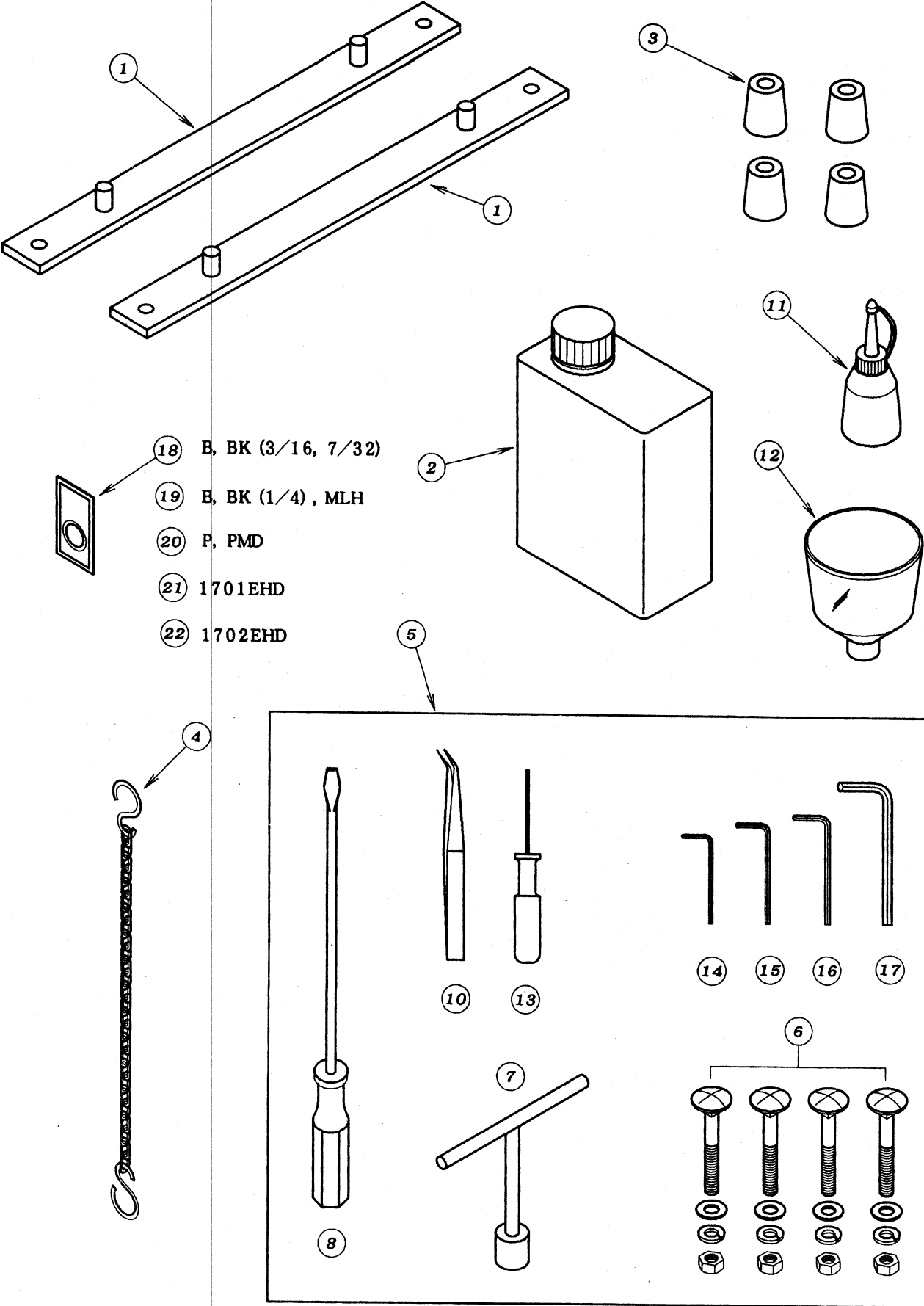
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
20-01	19-292	擋圈	COLLAR	1
20-02	19-318	彎針座	LOOPER HOLDER	1
20-03	23-341	油綫	FELT	3
20-04	55-055	送布牙底板	FEED DOG HOLDER	1
20-05	55-175	牙架	FEED ROCKER	1
20-06	61-313	彎針凸輪	LOOPER AVOID ECCENTRIC	1
20-07	61-325	彎針凸輪	FEED ECCENTRIC	1
20-08	61-823	球接頭	CONNECTING BALL	1
20-09	63-232	彎針連杆	ECCENTRIC LINK	2
20-10	63-352	送布曲柄	FEED ROCKER LINK	1
20-11	63-621	銅連杆	BALL JOINT	1
20-12	63-812	銅連杆	BALL JOINT	1
20-13	67-312	送布擺杆	FEED ROCKER ARM	1
20-14	71-431	銷	PIN	3
20-15	71-774	下軸前節	MAIN SHAFT	1
20-16	71-878	下軸后節	CRANK SHAFT	1
20-17	71-901	彎針座軸	TAPERD PIN	1
20-18	75-235	擋圈	ROLLER	1
20-19	75-452	墊圈	WASHER	1
20-20	75-453	墊圈	WASHER	1
20-21	81-401	擋圈	BUSHING	1
20-22	84-366	螺釘	SCREW	1
20-23	84-374	螺釘	SCREW	1
20-24	84-521	螺釘	SCREW	4
20-25	84-568	螺釘	SCREW	2
20-26	84-635	螺釘	SCREW	2
20-27	86-413	螺母	NUT	1
20-28	86-501	螺母	NUT	1
20-29	87-181	螺釘	SCREW	2
20-30	87-252	內六角螺釘	BOLT	1
20-31	87-254	螺釘	SCREW	2
20-32	91-270	滾針軸承	BEARING	1
20-33	91-406	滾針軸承	BEARING	1
20-34	93-406	卡簧	C-RING	1
20-35	10-9180	彎針座組件	LOOPER HOLDER ASS'Y	1
20-36	60-1120	拍牙連杆組件	ECCENTRIC LINK ASS'Y	1
20-37	60-1230	拍牙連杆組件	ECCENTRIC LINK ASS'Y	1
20-38	70-0190	下軸組件	CRANK SHAFT ASS'Y	1
20-39	60-7200	送布擺杆組件	FEED ROCKER ARM SET	1
20-40	60-3720	銅連杆組件	CONNECTING ROD ASS'Y (LEFT)	1

21. 綫架與臺板部件 / THREAD STAND AND TABLE



REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
21-01	21-045	臺板	TABLE	1
21-02	25-140	托板	SUPPORTING BOARD	2
21-03	31-163	防震墊	CUSHION RUBBER	4
21-04	80-751	內六角	BOLT	4
21-05	42-002	2針綫架	THREAD STANK ASSEMBLY FOR 2	1
21-06	42-716	6針綫架	THREAD STANK ASSEMBLY FOR 6	1
21-07	21-0450-1	臺板	TABLE	1
21-08	20-6030-0	帶導管組件	TAPE STANDS	1

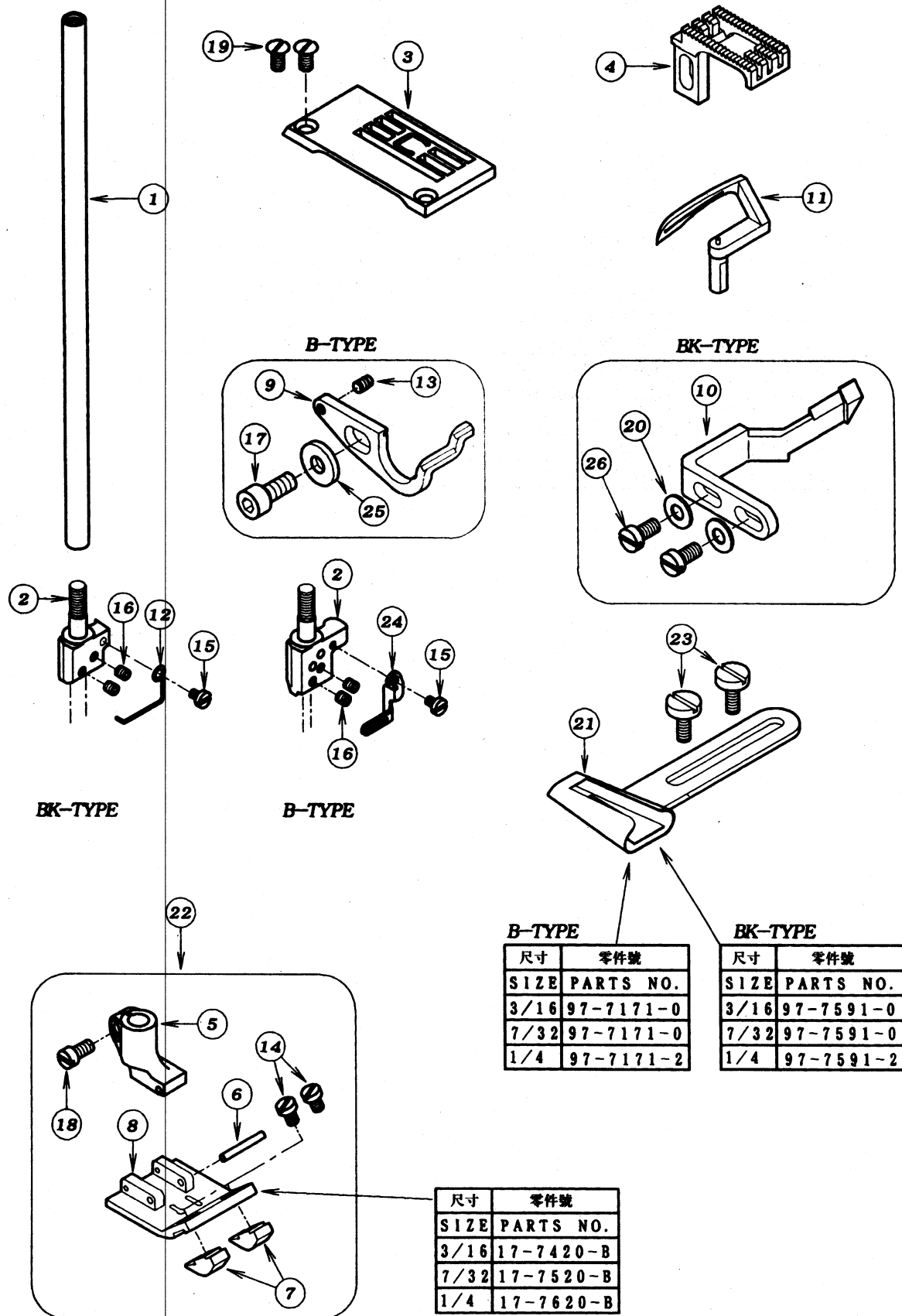
22. 附件 / ACCESSORIES



REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
22-01	25-140	托板	MACHINE MOUNT BRACKET	2
22-02	28-611	大油壺	OIL	1
22-03	31-163	防震墊	CUSHION RUBBER	4
22-04	28-920	拉鏈組件	SHAIN	1
22-05	20-0020	附件	ACCESSORIES	1
22-06	80-751	螺釘	SCREW	4
22-07	28-464	T型扳手	T-WRENCH	1
22-08	28-452	螺絲刀	DRIVER (L)	1
22-09				
22-10	28-011	鑷子	TWEZERS	1
22-11	28-614	油壺	OILER	1
22-12	28-615	漏門	OIL FUNNEL	1
22-13	28-317	內六角扳手(1.5mm)	ALLEN KEY (1.5mm)	1
22-14	28-311	內六角扳手(2mm)	ALLEN KEY (2mm)	1
22-15	28-312	內六角扳手(2.5mm)	ALLEN KEY (2.5mm)	1
22-16	28-313	內六角扳手(3mm)	ALLEN KEY (3mm)	1
22-17	28-314	內六角扳手(5mm)	ALLEN KEY (5mm)	1
22-18	13-0140-6	機針UYx128GAS#14	NEEDLE UYx128GAS#14	1
22-19	13-0160-6	機針UYx128GAS#16	NEEDLE UYx128GAS#16	1
22-20	13-0110-6	機針UYx128GAS#11	NEEDLE UYx128GAS#11	1
22-21	13-2750-5	機針DR-2#25	NEEDLE DR-2#25	1
22-22	13-2800-6	機針UYx143GS#25	NEEDLE UYx143GS#25	1

23. 針位部件 / GAUGE PARTS

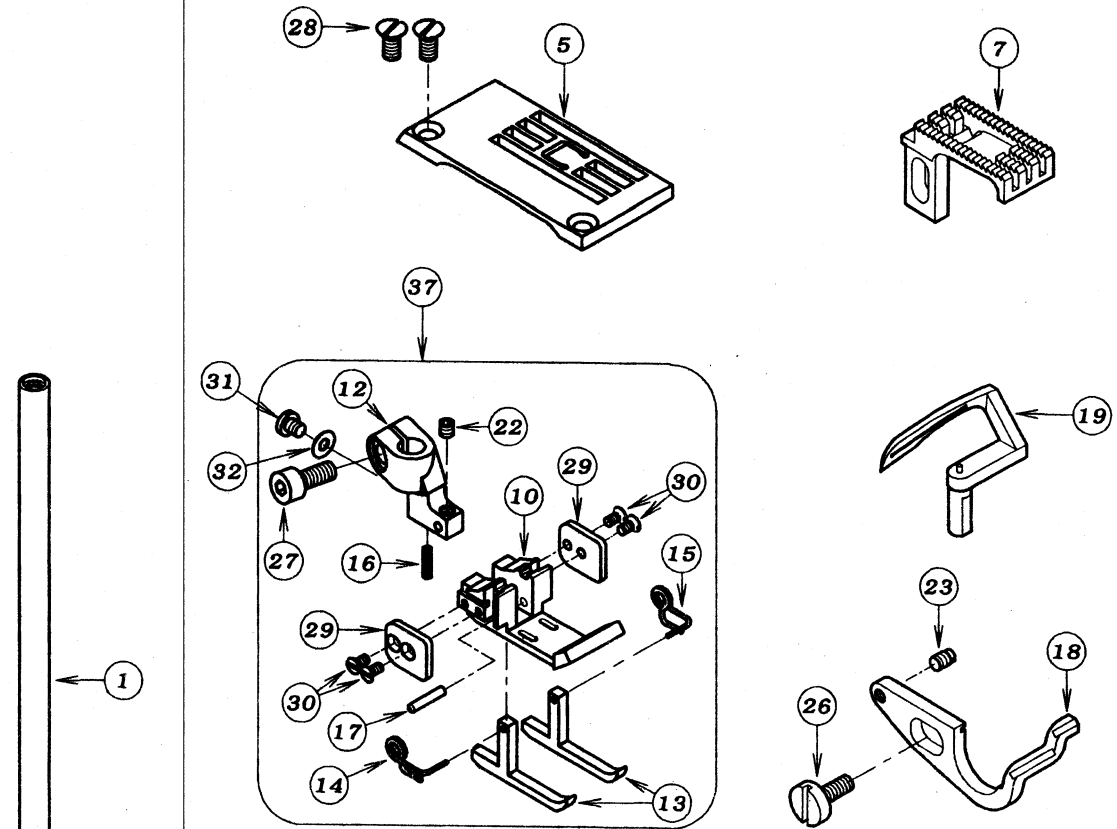
1702B, BK, PBK



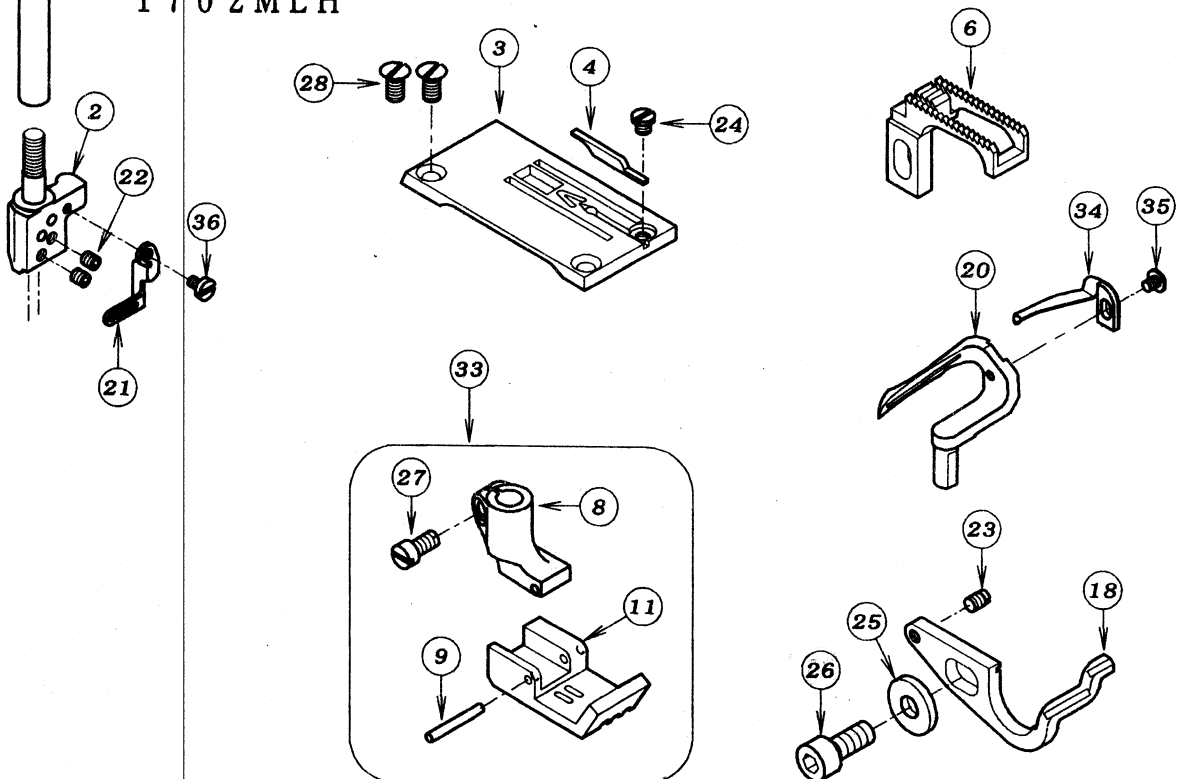
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q'TY
23-01	11-704	針杆	NEEDLE BAR	1
23-02	*	機針座	NEEDLE CLAMP	1
23-03	*	針板	NEEDLE PLATE	1
23-04	15-704	送布牙	FEED DOG	1
23-05	17-4430-A	壓腳柄	SHANK	1
23-06	17-4430-C	壓腳銷	SCREW	1
23-07	17-7600-E	導塊	GUIDE	2
23-08	*	壓腳底板	BOTTOM	1
23-09	18-702	護針	NEEDLE GUARD	1
23-10	18-705	護針	NEEDLE GUARD	1
23-11	19-712	彎針	LOOPER	1
23-12	45-255	針杆挑線	THREAD GUIDE	1
23-13	84-113	螺釘	SCREW	1
23-14	84-161	螺釘	SCREW	2
23-15	85-618	螺釘	SCREW	1
23-16	87-104	螺釘	SCREW	2
23-17	87-252	內六角螺釘	BOLT	1
23-18	84-382	螺釘	SCREW	1
23-19	84-464	螺釘	SCREW	2
23-20	75-455	墊圈	WASHER	2
23-21	*	夾帶卷邊龍頭	HOLDER	1
23-22	*	壓腳組件	PRESSER FOOT ASS'Y	1
23-23	84-368	螺釘	SCREW	2
23-24	45-549	針杆挑線	THREAD GUIDE	1
23-25	75-456	墊圈	WASHER	1
23-26	87-096	螺釘	SCREW	2

24. 針位部件 / GAUGE PARTS

1702P, PMD



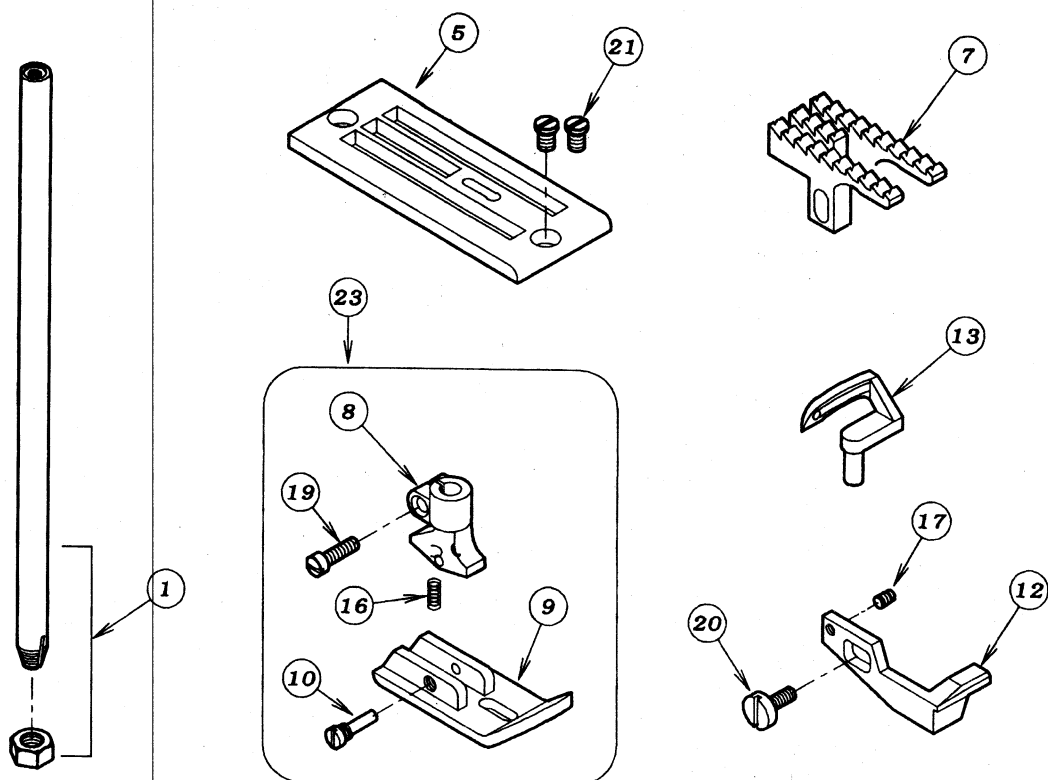
1702MLH



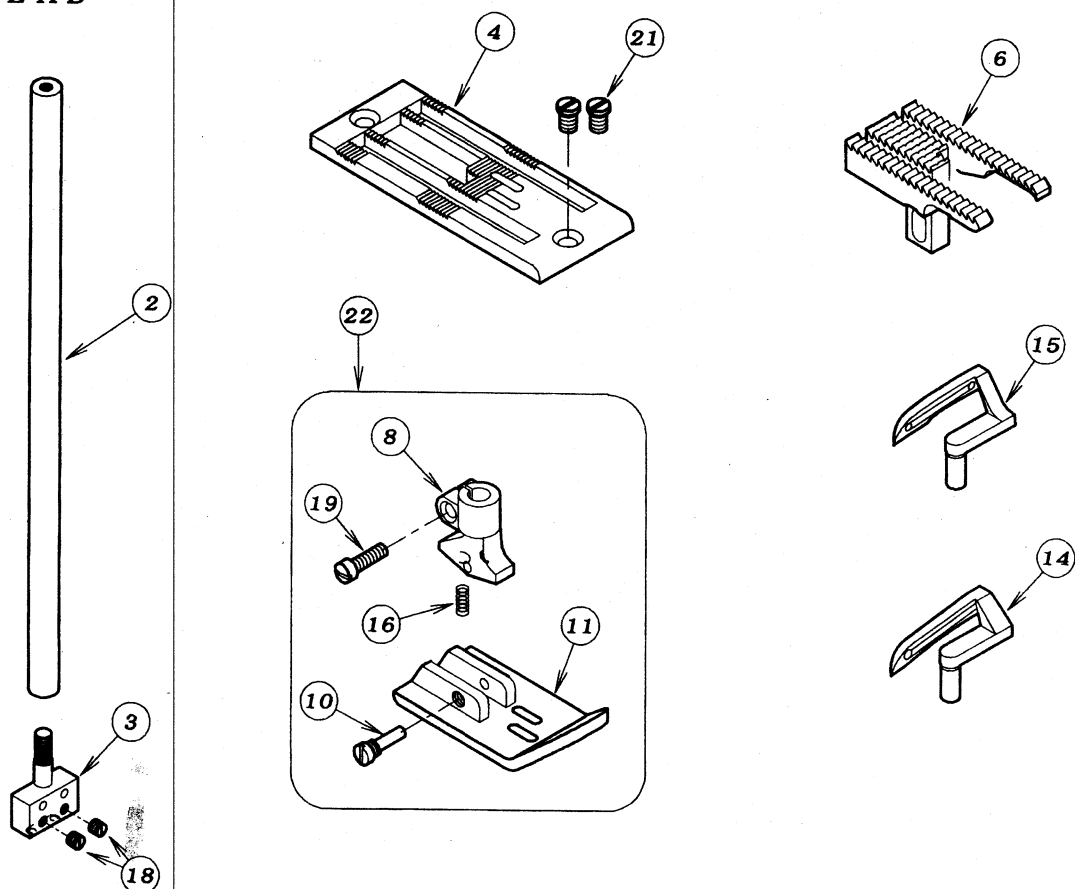
REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
24-01	11-704	針杆	NEEDLE BAR	1
24-02	*	機針座	NEEDLE CLAMP	1
24-03	*	針板	NEEDLE PLATE	1
24-04	14-7210-A	針板爪	NAIL	1
24-05	*	針板	NEELE PLATE	1
24-06	15-321	送布牙	FEED DOG	1
24-07	*	送布牙	FEED DOG	1
24-08	17-4430-A	壓腳柄	SHANK	1
24-09	17-4430-C	壓腳銷	SCREW	1
24-10	*	壓腳底板	BOTTOM	1
24-11	17-7210-B	壓腳底板	BOTTOM	1
24-12	17-8190-A	壓腳柄	SHANK	1
24-13	17-8190-B	輔助壓腳	GUIDE BRACKET	2
24-14	17-8190-D	壓腳彈簧(左)	SPRING (LEFT)	1
24-15	17-8190-E	壓腳彈簧(右)	SPRING (RIGHT)	1
24-16	17-8190-F	彈簧	SPRING	1
24-17	17-8190-G	壓腳銷	PIN	1
24-18	18-702	護針	NEEDLE GUARD	1
24-19	19-712	彎針	LOOPER	1
24-20	19-351	彎針	LOOPER	1
24-21	45-549	機針過線	THREAD GUIDE	1
24-22	87-104	螺釘	SCREW	3
24-23	84-113	螺釘	SCREW	1
24-24	84-163	螺釘	SCREW	1
24-25	75-456	墊圈	WASHER	1
24-26	87-252	內六角螺釘	BOLT	1
24-27	87-113	螺釘	SCREW	1
24-28	84-464	螺釘	SCREW	2
24-29	17-8190-J	輔助壓腳導板	GUIDE PLATE	2
24-30	87-107	螺釘	SCREW	4
24-31	87-083	螺釘	SCREW	1
24-32	75-441	墊圈	WASHER	1
24-33	*	壓腳組件(MLH)	PRESSER FOOT ASS'Y	1
24-34	79-571	彈簧壓片	THREAD RETAINING SPRING	1
24-35	85-611	螺釘	SCREW	1
24-36	85-618	螺釘	SCREW	1
24-37	*	壓腳組件(P,PMD)	PRESSER FOOT ASS'Y	1

25. 針位部件 / GAUGE PARTS

1701EHD



1702EHD



REF.NO.序號	PART NO.圖號	名 稱	DESCRIPTION	Q' TY
25-01	11-713	針杆	NEEDLE BAR	1
25-02	11-720	針杆	NEEDLE BAR	1
25-03	12-718	機針座	NEEDLE CLAMP	1
25-04	14-717	針板	NEEDLE PLATE	1
25-05	14-718	針板	NEEDLE PLATE	1
25-06	15-710	送布牙	FEED DOG	1
25-07	15-718	送布牙	FEED DOG	1
25-08	17-7150-A	壓腳柄	SHANK	1
25-09	17-7180-B	壓腳底板	BOTTOM	1
25-10	17-7180-C	壓腳銷	PIN	1
25-11	17-7190-B	壓腳底板	BOTTOM	1
25-12	18-731	護針	NEEDLE GUARD	1
25-13	19-703	彎針	LOOPER	1
25-14	19-720	彎針	LOOPER	1
25-15	19-721	彎針	LOOPER	1
25-16	79-191	彈簧	SPRING	1
25-17	84-113	螺釘	SCREW	1
25-18	84-311	螺釘	SCREW	2
25-19	84-367	螺釘	SCREW	1
25-20	84-368	螺釘	SCREW	1
25-21	84-575	螺釘	SCREW	2
25-22	17-7190-1	壓腳組件(1702EHD)	PRESSER FOOT ASS'Y	1
25-23	17-7180-1	壓腳組件(1701EHD)	PRESSER FOOT ASS'Y	1

26. 針位部件一覽表 / GAUGE PARTS TABLE

型號 Model	針位 Gauge size	針棒 Needle Bar	針夾頭 Needle Holder	壓脚 Presser Foot Ass`Y	針板 Needle Plate	送布牙 Feed Dog	彎針夾頭 Looper Holder	彎針 Needle Guard	彎針 Looper			
1702B	3/16	11-704	12-2170-1	17-7420-1	14-743	15-704	19-315	18-702	19-712			
	7/32		12-2280-1	17-7520-1	14-753			18-705				
	1/4		12-2290-1	17-7620-1	14-763							
1702BK	3/16		12-2180-1	17-7420-1	14-743			18-702				
	7/32		12-2190-1	17-7520-1	14-753							
	1/4		12-2200-1	17-7620-1	14-763							
1702P 1702PMD	1/8		12-2150-1	17-6760-1	14-724	15-703		19-318		18-731	19-720	
	5/32		12-2160-1	17-6770-1	14-734							
	3/16		12-2170-1	17-6780-1	14-744							
	7/32		12-2280-1	17-6790-1	14-754	15-704						
	1/4		12-2290-1	17-6800-1	14-764							
1702MLH	1/8		12-2150-1	17-7210-1	14-721	15-321		19-721				
1701EHD		11-713	17-7180-1	14-718	15-718							
1702EHD	1/4		11-720	12-7180-1	17-7190-1	14-717	15-710					

目錄 1 / INDEX 1

序號 REF.NO.	圖號 PART NO.	序號 REF.NO.	圖號 PART NO.	序號 REF.NO.	圖號 PART NO.	序號 REF.NO.	圖號 PART NO.	序號 REF.NO.	圖號 PART NO.	序號 REF.NO.	圖號 PART NO.
11-33	00-0421	15-13	07-746	08-02	18-725	17-01	23-324	10-17	31-271	03-13	41-702
13-50	00-1401	15-14	07-747	18-01	18-726	19-01	23-324	10-18	31-314	17-13	41-702
11-34	00-2002	15-15	07-748	25-12	18-731	05-05	23-341	10-08	31-364	19-12	41-702
11-01	01-103	15-16	07-749	08-03	19-289	06-02	23-341	02-23	31-438	03-14	41-721
13-01	01-103	14-11	07-750	08-04	19-290	07-01	23-341	10-20	31-702	21-05	42-002
13-02	01-111	15-17	07-751	08-05	19-292	08-06	23-341	10-21	31-705	21-06	42-716
13-03	01-113	15-18	07-752	20-01	19-292	13-16	23-341	10-22	31-707	19-13	43-104
13-04	01-116	20-35	10-9180	20-02	19-318	18-02	23-341	10-23	35-122	19-14	43-105
13-05	01-132	08-48	10-9280	24-20	19-351	20-03	23-341	10-47	35-246	17-14	43-112
13-06	01-134	05-01	11-704	25-13	19-703	10-05	23-363	10-52	35-315	19-15	43-112
13-07	01-136	23-01	11-704	23-11	19-712	05-06	23-383	10-48	35-317	17-15	43-333
13-08	01-138	24-01	11-704	24-19	19-712	06-03	23-384	10-49	35-318	03-15	43-335
13-09	01-141	05-02	11-713	25-14	19-720	01-12	23-427	10-51	35-322	17-16	43-335
13-10	01-143	25-01	11-713	25-15	19-721	10-06	23-451	10-53	35-343	19-16	43-335
13-11	01-145	05-03	11-720	22-05	20-0020	02-16	23-504	10-24	35-361	17-17	43-339
13-12	01-146	25-02	11-720	21-08	20-6030-0	16-08	23-504	10-25	35-362	19-17	43-339
13-13	01-147	25-03	12-718	21-01	21-045	02-17	23-512	10-26	35-413	17-18	43-341
13-14	01-152	22-20	13-0110-6	21-07	21-0450-1	16-09	23-512	10-38	35-528	03-16	43-344
12-01	02-112	22-18	13-0140-6	02-03	21-137	10-07	23-514	01-16	39-108	19-18	43-345
11-02	02-116	22-19	13-0160-6	02-04	21-227	01-13	24-052	10-28	39-133	03-17	43-346
11-03	02-117	22-21	13-2750-5	14-14	21-227	02-18	24-053	01-17	39-137	17-19	43-437
01-01	02-119	22-22	13-2800-6	01-02	21-273	21-02	25-140	10-29	39-216	19-19	43-437
11-04	02-122	02-01	14-030	01-03	21-275	22-01	25-140	01-18	39-234	03-18	43-519
11-05	02-189	02-02	14-064	01-04	21-276	02-19	25-226	17-41	40-3700	19-20	45-099
12-02	02-204	16-01	14-065	02-05	21-366	16-10	25-226	19-40	40-3710	03-19	45-101
12-03	02-205	14-12	14-066	14-15	21-393	02-20	25-503	03-42	40-3810	17-20	45-109
12-04	02-219	14-13	14-067	14-16	21-394	16-11	25-503	03-02	41-101	19-21	45-114
11-06	02-251	25-04	14-717	02-06	21-395	02-21	25-517	17-02	41-101	03-20	45-121
11-07	02-263	25-05	14-718	01-28	21-712	16-12	25-517	19-02	41-101	17-21	45-129
11-08	02-266	24-04	14-7210-A	02-07	21-781	16-13	26-553	03-03	41-105	03-21	45-131
11-11	02-301	24-06	15-321	02-08	21-782	02-22	26-712	17-03	41-105	17-22	45-139
12-05	02-408	23-04	15-704	02-09	21-783	01-14	27-017	19-03	41-105	03-22	45-142
11-09	02-488	25-06	15-710	16-03	21-783	01-15	27-018	03-04	41-107	19-22	45-172
11-10	02-489	25-07	15-718	02-10	21-784	22-10	28-011	17-04	41-107	23-12	45-255
13-15	05-954	23-05	17-4430-A	02-11	21-785	22-14	28-311	19-04	41-107	03-23	45-429
14-01	07-295	24-08	17-4430-A	01-29	21-800	22-15	28-312	03-05	41-110	17-23	45-429
14-02	07-388	23-06	17-4430-C	16-04	21-837	22-16	28-313	17-05	41-110	19-23	45-429
14-03	07-389	24-09	17-4430-C	16-05	21-838	22-17	28-314	19-05	41-110	17-24	45-439
14-43	07-3950-2	25-08	17-7150-A	16-06	21-839	22-13	28-317	03-06	41-113	19-24	45-439
14-04	07-3950-A	25-23	17-7180-1	16-07	21-840	22-08	28-452	17-06	41-113	17-25	45-440
14-06	07-3950-B	25-09	17-7180-B	02-12	21-897	22-07	28-464	19-06	41-113	19-25	45-440
14-07	07-3950-C	25-10	17-7180-C	01-05	21-934	22-02	28-611	17-07	41-118	03-24	45-441
14-05	07-3950-D	25-22	17-7190-1	01-06	21-935	22-11	28-614	19-07	41-118	03-25	45-442
15-01	07-701	25-11	17-7190-B	01-07	21-972	22-12	28-615	17-08	41-119	23-24	45-549
15-02	07-702	24-11	17-7210-B	10-02	23-120	22-04	28-920	19-08	41-119	24-21	45-549
15-03	07-703	23-07	17-7600-1	02-13	23-137	10-09	30-0120	03-07	41-120	03-26	47-131
15-04	07-705	10-01	17-8010-G	01-08	23-157	10-31	30-0121	03-08	41-121	03-27	47-132
15-05	07-706	24-12	17-8190-A	10-03	23-160	10-10	31-151	17-09	41-121	17-26	47-171
15-06	07-707	24-13	17-8190-B	05-04	23-195	10-11	31-152	19-09	41-121	19-26	47-172
15-07	07-721	24-14	17-8190-D	06-01	23-197	10-12	31-153	03-09	41-132	08-07	49-139
14-08	07-722	24-15	17-8190-E	01-09	23-206	10-13	31-154	17-10	41-132	06-05	51-017
14-09	07-726	24-16	17-8190-F	02-14	23-229	06-04	31-155	03-10	41-312	06-06	51-031
14-10	07-728	24-17	17-8190-G	01-10	23-263	10-14	31-156	03-11	41-510	07-02	55-041
15-08	07-733	24-29	17-8190-J	01-11	23-285	10-15	31-157	17-11	41-510	07-03	55-051
15-09	07-739	23-09	18-702	02-15	23-296	21-03	31-163	19-10	41-510	14-44	55-053
15-10	07-742	24-18	18-702	04-23	23-296	22-03	31-163	03-12	41-701	18-03	55-055
15-11	07-743	23-10	18-705	10-04	23-304	10-16	31-270	17-12	41-701	20-01	55-055
15-12	07-744	08-01	18-722	03-01	23-324	10-54	31-2700-2	19-11	41-701	07-16	55-155

目錄2/ INDES 2

序號 REF.NO.	圖號 PART NO.
07-23	55-156
14-17	55-156
18-04	55-175
20-05	55-175
07-04	55-176
08-47	60-0800
07-34	60-0900
18-23	60-1120
20-36	60-1120
18-24	60-1230
20-37	60-1230
15-45	60-1330
05-32	60-3700
20-40	60-3720
06-36	60-3760
15-46	60-3830
08-50	60-3910
08-49	60-3920
18-26	60-7200
20-39	60-7200
12-06	61-208
15-19	61-255
08-08	61-312
18-05	61-313
20-06	61-313
07-05	61-322
18-06	61-325
20-07	61-325
08-09	61-513
06-07	61-528
05-07	61-711
12-07	61-714
06-08	61-723
12-08	61-810
20-08	61-823
15-20	61-841
12-09	63-208
15-21	63-211
07-06	63-232
08-10	63-232
18-07	63-232
20-09	63-232
18-08	63-352
20-10	63-352
07-07	63-353
07-35	63-3530-2
06-09	63-515
06-10	63-621
18-09	63-621
20-11	63-621
12-10	63-711
05-08	63-713
12-11	63-810
08-11	63-811
15-22	63-811
08-12	63-812
20-12	63-812
05-09	65-302

序號 REF.NO.	圖號 PART NO.
12-12	65-302
13-17	65-333
08-13	65-435
05-10	66-111
13-18	66-131
08-14	67-132
12-13	67-171
12-14	67-172
13-19	67-180
08-15	67-229
07-08	67-311
18-10	67-312
20-13	67-312
05-11	69-105
05-34	69-1050-2
05-12	69-120
06-11	69-141
06-12	69-216
06-13	69-305
18-25	70-0190
20-38	70-0190
06-38	70-0270
06-37	70-0370
03-28	71-191
17-27	71-191
19-27	71-191
13-20	71-227
04-01	71-255
04-02	71-256
13-21	71-350
13-22	71-361
13-23	71-362
07-09	71-431
08-16	71-431
18-11	71-431
20-14	71-431
05-13	71-432
07-10	71-432
13-24	71-432
11-12	71-443
12-15	71-450
07-11	71-531
09-02	71-542
08-17	71-561
06-14	71-612
07-12	71-642
11-13	71-651
12-16	71-691
12-17	71-726
18-12	71-774
20-15	71-774
06-15	71-794
06-16	71-795
14-19	71-795
18-13	71-878
20-16	71-878
06-17	71-894
14-20	71-894

序號 REF.NO.	圖號 PART NO.
06-18	71-895
14-42	71-895
08-18	71-901
20-17	71-901
11-14	71-921
05-14	71-933
05-15	73-113
05-16	73-115
06-19	75-107
12-18	75-112
08-19	75-114
07-13	75-139
08-20	75-139
14-21	75-152
09-03	75-180
10-30	75-185
12-19	75-211
01-19	75-224
07-14	75-235
18-14	75-235
20-18	75-235
12-20	75-247
15-24	75-254
06-20	75-327
06-21	75-329
05-33	75-332
06-22	75-332
12-21	75-332
08-21	75-372
11-15	75-372
07-15	75-381
14-22	75-381
08-22	75-401
15-25	75-401
04-03	75-436
24-32	75-441
13-25	75-446
11-16	75-451
13-26	75-451
06-23	75-452
08-23	75-452
10-32	75-452
20-19	75-452
20-20	75-453
01-20	75-455
02-24	75-455
03-29	75-455
17-28	75-455
19-28	75-455
23-20	75-455
03-30	75-456
14-18	75-456
17-29	75-456
19-29	75-456
23-25	75-456
24-25	75-456
12-22	75-458
15-26	75-458

序號 REF.NO.	圖號 PART NO.
03-31	75-468
13-27	75-468
15-27	75-468
13-28	75-480
12-23	75-491
12-24	75-493
12-25	75-515
11-17	75-519
14-23	75-519
12-26	75-520
08-24	75-527
02-25	75-528
16-15	75-528
10-19	75-536
08-25	75-552
12-27	75-552
13-29	75-552
06-24	75-673
05-17	75-674
07-17	75-675
08-26	75-675
09-05	77-107
09-06	77-109
09-07	77-116
09-08	77-131
09-09	77-163
09-10	77-164
09-11	77-165
12-28	77-419
12-29	77-420
12-30	77-425
09-04	77-509
09-12	77-516
09-13	77-517
09-14	77-816
09-29	77-818
09-15	79-121
14-24	79-142
15-28	79-148
13-30	79-171
25-16	79-191
12-31	79-425
09-16	79-550
11-18	79-551
24-34	79-571
02-26	79-801
14-25	79-801
16-16	79-801
02-27	79-802
16-17	79-803
02-28	79-922
16-18	79-922
21-04	80-751
22-06	80-751
04-04	81-109
05-18	81-113
13-31	81-125
04-05	81-133

序號 REF.NO.	圖號 PART NO.
04-06	81-153
04-07	81-181
04-08	81-183
04-09	81-184
04-10	81-202
04-11	81-203
04-12	81-236
04-13	81-237
04-14	81-256
11-19	81-321
11-20	81-322
11-21	81-323
08-27	81-401
20-21	81-401
05-19	81-412
15-29	81-704
04-15	81-716
04-16	81-717
04-17	81-718
04-18	81-720
04-19	81-735
04-20	81-753
23-13	84-113
24-23	84-113
25-17	84-113
02-29	84-117
16-19	84-117
03-32	84-161
14-26	84-161
15-30	84-161
17-30	84-161
19-30	84-161
23-14	84-161
11-22	84-162
13-32	84-162
17-31	84-162
19-31	84-162
02-30	84-163
14-27	84-163
24-24	84-163
03-33	84-171
07-18	84-176
07-19	84-177
15-37	84-192
25-18	84-311
13-33	84-314
02-31	84-361
03-34	84-361
16-20	84-361
17-32	84-361
19-32	84-361
08-28	84-362
15-31	84-362
10-43	84-363
14-28	84-363
14-29	84-364
05-20	84-365
05-21	84-366

序號 REF.NO.	圖號 PART NO.
07-20	84-366
08-29	84-366
18-15	84-366
20-22	84-366
10-34	84-367
25-19	84-367
23-23	84-368
25-20	84-368
03-35	84-374
08-30	84-374
17-33	84-374
19-33	84-374
20-23	84-374
23-18	84-382
06-25	84-383
11-23	84-463
07-21	84-464
14-30	84-464
23-19	84-464
24-28	84-464
08-31	84-511
08-32	84-521
15-32	84-521
20-24	84-521
09-17	84-561
09-18	84-562
09-19	84-563
05-22	84-564
14-31	84-566
05-23	84-567
12-32	84-567
06-26	84-568
18-16	84-568
20-25	84-568
14-32	84-571
15-34	84-571
11-24	84-573
02-32	84-574
15-35	84-574
16-21	84-574
25-21	84-575
09-20	84-581
12-33	84-581
12-34	84-582
07-22	84-588
06-27	84-635
08-33	84-635
12-35	84-635
15-33	84-635
20-26	84-635
06-28	84-661
02-33	84-706
16-22	84-706
08-34	84-711
08-35	84-718
15-36	84-727
02-34	84-761
14-33	84-761

目錄3/ INDES 3

序號 REF.NO.	圖號 PART NO.	序號 REF.NO.	圖號 PART NO.	序號 REF.NO.	圖號 PART NO.	序號 REF.NO.	圖號 PART NO.
16-23	84-761	23-16	87-104	09-26	87-252	20-33	91-406
02-35	84-762	24-22	87-104	10-36	87-252	15-44	91-411
16-24	84-762	24-30	87-107	14-38	87-252	13-49	93-200
02-36	84-763	09-24	87-112	18-18	87-252	12-54	93-203
14-34	84-763	02-41	87-113	20-30	87-252	12-55	93-205
03-36	84-764	05-28	87-113	23-17	87-252	11-32	93-221
17-34	84-764	07-26	87-113	24-26	87-252	12-56	93-222
08-36	84-767	11-26	87-113	13-42	87-253	12-57	93-258
15-38	84-812	15-40	87-113	07-29	87-254	07-32	93-261
09-25	84-813	17-37	87-113	08-44	87-254	06-35	93-264
13-34	84-813	19-36	87-113	10-44	87-254	07-33	93-406
02-37	84-862	24-27	87-113	12-47	87-254	08-46	93-406
14-35	84-862	01-24	87-123	13-43	87-254	18-22	93-406
16-25	84-862	02-42	87-123	18-19	87-254	20-34	93-406
02-38	85-181	10-39	87-123	20-31	87-254	09-28	93-611
05-25	85-181	01-25	87-129	02-43	87-261	02-48	93-701
16-26	85-182	10-40	87-129	01-27	87-264	14-40	93-720
09-22	85-201	11-27	87-129	02-44	87-266	14-41	93-727
06-29	85-212	13-38	87-129	16-28	87-266	04-22	94-214
24-35	85-611	10-41	87-140	03-41	87-272	04-24	94-231
23-15	85-618	12-41	87-171	17-40	87-272		
24-36	85-618	05-29	87-172	19-39	87-272		
12-36	85-671	06-32	87-172	06-33	87-274		
02-39	86-266	12-42	87-172	02-45	87-285		
16-27	86-266	08-40	87-173	12-48	87-285		
03-37	86-411	10-37	87-173	16-29	87-285		
08-37	86-411	12-43	87-173	02-46	87-286		
09-30	86-411	01-26	87-177	16-30	87-286		
12-37	86-411	03-39	87-177	10-35	87-287		
15-39	86-411	06-31	87-177	12-49	87-287		
17-35	86-411	09-31	87-177	12-50	87-291		
19-34	86-411	13-39	87-177	02-47	87-292		
08-38	86-412	15-41	87-177	14-39	87-292		
20-27	86-413	17-38	87-177	03-40	87-293		
07-24	86-501	19-37	87-177	17-39	87-293		
08-39	86-501	07-27	87-181	19-38	87-293		
12-38	86-501	08-41	87-181	01-30	87-299		
14-36	86-501	11-28	87-181	10-45	87-311		
20-28	86-501	13-40	87-181	13-44	87-456		
13-35	86-701	14-37	87-181	04-21	87-661		
05-26	86-741	15-42	87-181	12-51	87-754		
12-39	86-741	18-17	87-181	09-27	88-003		
05-27	86-742	20-29	87-181	10-46	88-137		
12-40	86-742	10-42	87-183	12-52	88-146		
09-23	87-004	13-41	87-203	12-53	88-157		
13-36	87-006	08-42	87-213	13-45	88-161		
01-21	87-010	11-25	87-214	13-46	88-166		
10-33	87-010	12-44	87-214	15-43	88-166		
06-30	87-017	05-30	87-225	11-30	88-179		
24-31	87-083	11-29	87-225	13-47	88-456		
01-22	87-092	12-45	87-225	07-30	91-270		
01-37	87-092	05-31	87-242	18-20	91-270		
02-40	87-096	06-34	87-242	20-32	91-270		
23-26	87-096	12-46	87-242	11-31	91-405		
03-38	87-097	07-25	87-245	13-48	91-405		
17-36	87-097	08-43	87-245	07-31	91-406		
19-35	87-097	07-28	87-252	08-45	91-406		
01-23	87-099	08-51	87-252	18-21	91-406		