

直驱曲臂式四针六线拼缝机

Direct drive 4 needle 6 thread feed-off-the -arm
interlock sewing machine

使用说明 零件手册

Instructions &
Spare Parts Book

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1 · Installation 安裝

1.1 桌板尺寸

1.1 Table dimensions

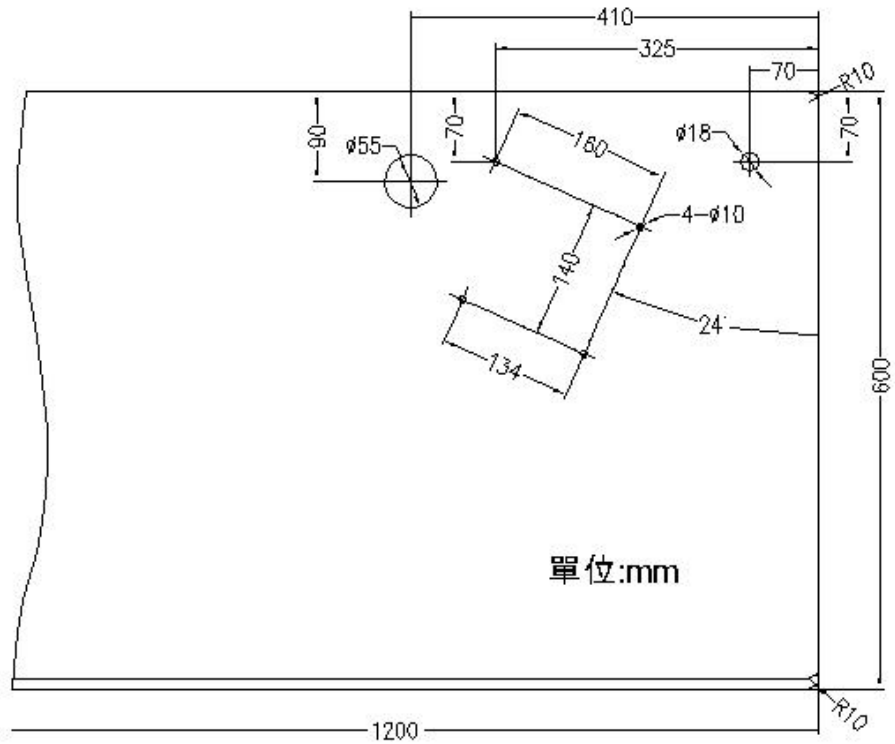


Fig.1

1.2 調整抬壓腳

1.2 Adjusting presser foot lift

1.2.1 抬壓腳連接桿

1.2.1 Presser foot connecting lever

設置壓腳連接軸①螺絲②。(Fig.2)

Set the presser foot connecting lever① with the screw②.(Fig.2)

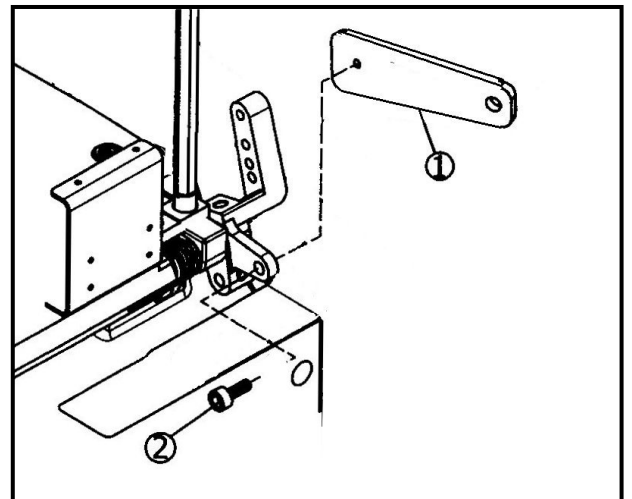


Fig.2

1 · Installation 安裝

1.2.2 抬壓腳

1.2.2 Presser foot lift

1.當壓腳緊貼在針板上時，在抬壓腳連接軸①跟壓腳連接托架②留 1mm 的間隙。(Fig.3,4)

註：壓腳主體跟壓腳彈片之間要有 0.3mm 的間隙。

1. As standard, make the clearance between the presser bar lifter lever ① and the presser bar connecting bracket ② to 1 mm when the presser foot touches the stitch plate closely.(Fig. 3,4)

Note: The clearance between the body of the presser foot and presser foot spring plate has 0.3mm

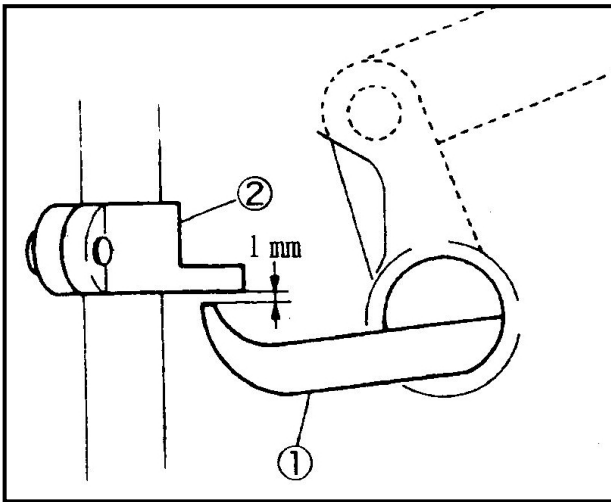


Fig.3

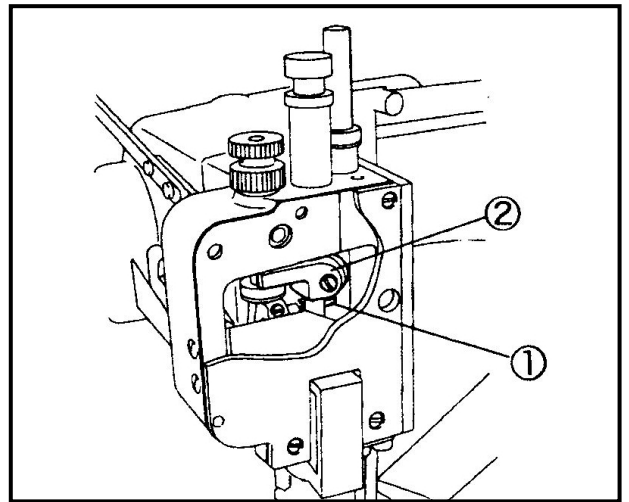


Fig.4

1 · Installation 安裝

調整：

- (1) 移除油塞③④才可以檢查間隙。(Fig.5)
- (2) 放鬆壓腳連接桿螺絲⑤。(Fig.6)
- (3) 移開壓腳連接桿（短）⑥右邊或左邊去調整間隙。

Adjusting :

- (1) Remove the seal plugs ③ ④ to check the clearance.(Fig. 5)
- (2) Loosen the screw ⑤ of the presser foot lifter lever link (long). (Fig. 6)
- (3) Move the presser foot lifter lever link (short) ⑥ right or left to adjust the clearance.

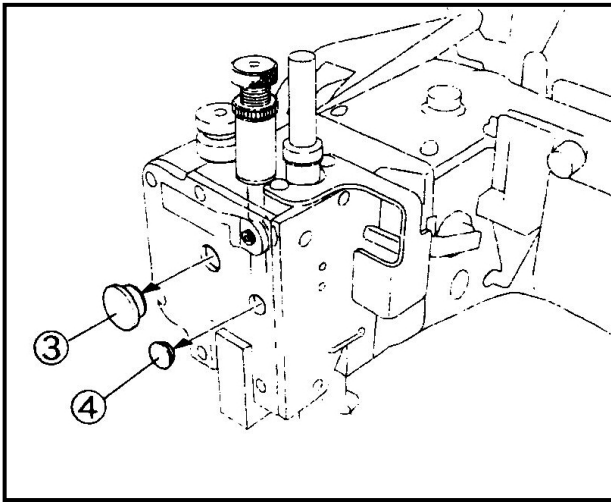


Fig.5

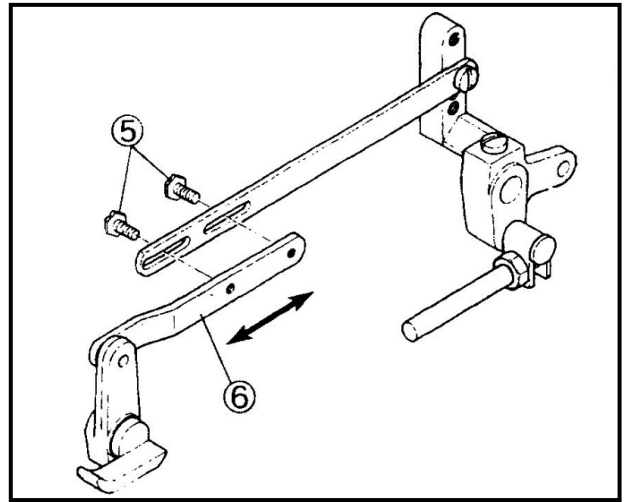


Fig.6

注意：

在調整抬壓條連接軸①之後，調整抬壓腳在壓腳的最低位置，如果沒有調整，會導致上網線勾損壞。

WARNING

After adjusting the clearance of the presser bar lifter lever ① , adjust the presser foot lift at the lower point of the presser bar. If not adjusted, it can cause damage to the top cover thread hook.

1 · Installation 安裝

2. 當針柱在最低位置和壓腳完全抬舉時，針鉤①和上網線勾②需留間隙 0.3mm。(Fig.7)

2. As standard , make the clearance between the notch of the needle clamp ① and the top cover thread hook ② to 0.3mm when the needle bar is at the lowest point and the presser foot is raised by pressing the presser foot pedal fully. (Fig. 7)

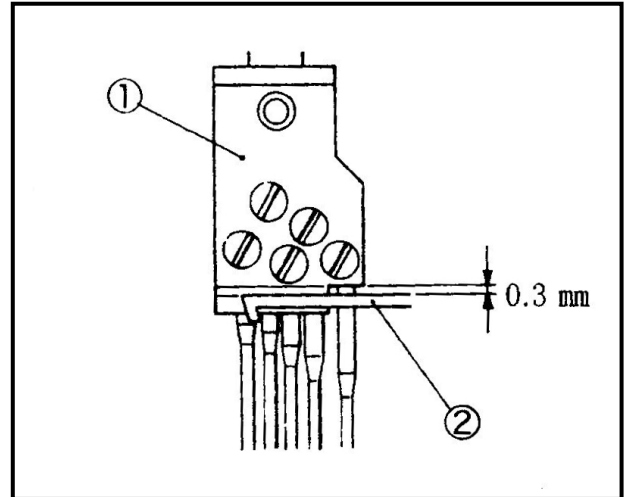


Fig.7

調整：

1. 放鬆螺母③。(Fig.8)
2. 移動抬壓腳停止插銷④或再調整外面間隙。

Adjusting :

1. Loosen the lock nut ③ . (Fig.8)
2. Move the presser foot lifter stop plunger plunger ④ in or out to adjust the clearance.

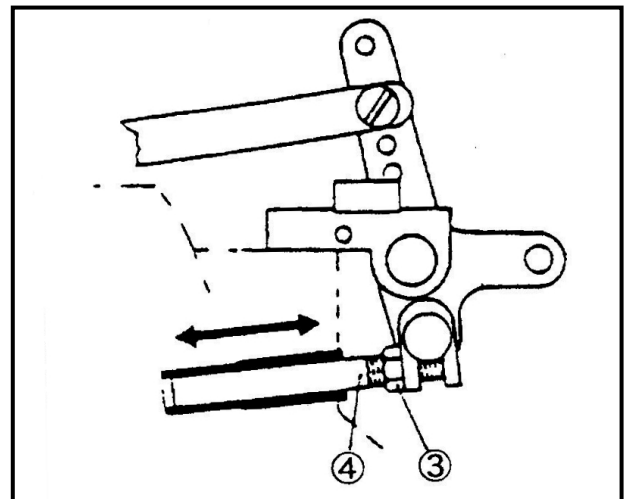


Fig.8

1 · Installation 安裝

1.2.3 過線組

1.2.3 Tension release unit

不踩踏板時鬆線器①和鬆線器座之間要有 0.5mm 的間隙。

當踩下踏板時，六個鬆線器①會向上推，之後上夾線片②開始離開下夾線片。(Fig.9)

As standard, make the clearance between the tension release pins ① and the tension release shaft ③ to 0.5mm when six tension release pins ① are pushed up slightly and the upper thread tension disc without pressing the presser foot pedal. (Fig.9)

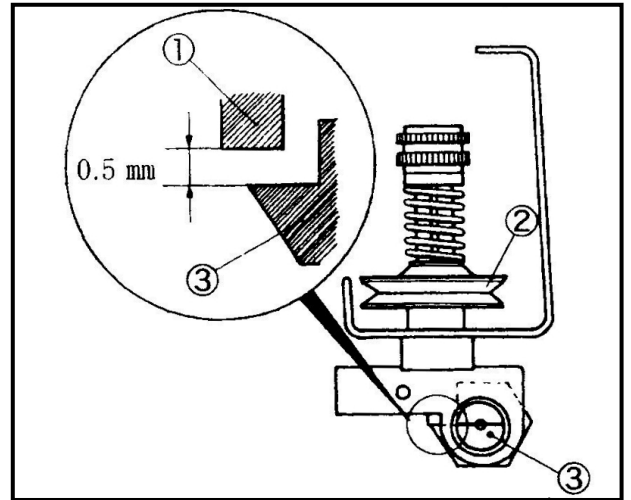


Fig.9

調整：

(1) 放開提昇擺臂（大）的螺絲④。(Fig.10)

(2) 翻轉鬆線器座③用螺絲起子。(Fig.9)

註：

順時針旋轉，減少間隙。

逆時針旋轉，增加間隙。

Adjusting:

(1) Loosen the screw④ of the presser bar lifter lever (large).(Fig. 10)

(2) Turn the tension release shaft③ with a screwdriver.(Fig. 9)

- To decrease the clearance, turn it clockwise.

- To increase the clearance, turn it counterclockwise.

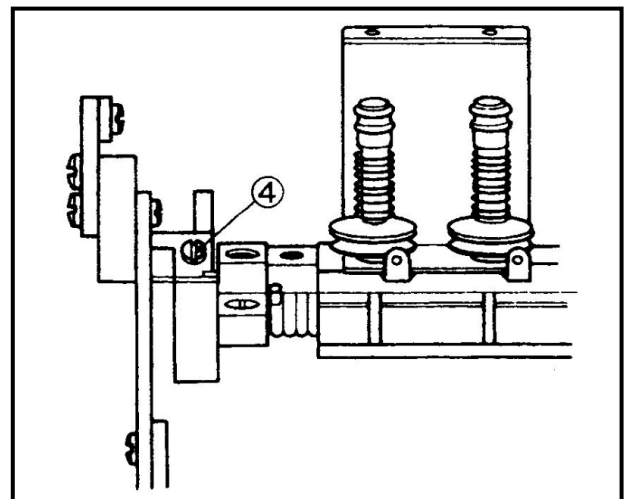


Fig.10

1 · Installation 安裝

1.3 馬達和皮帶

1.3 Motor and belt

使用 M 型之 V 皮帶。安裝馬達時，機器皮帶輪和馬達皮帶輪的中心線需成一直線。(Fig.11)

To install the clutch motor, align the center of the machine pulley with that of the motor pulley when the motor pulley shifts to the left with toeing down the pedal.(Fig. 11)

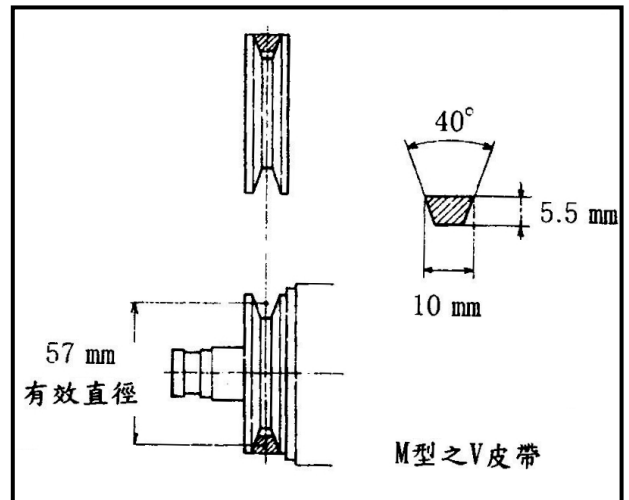


Fig.11

提醒：表格一為縫紉機轉數和馬達皮帶輪之外徑對照表，當使用第3個階段，2-皮帶輪的尺寸適合400W的離合器馬達(1/2HP)。

皮帶輪增大尺寸為每5mm一個單位。

Note: Table 1 shows the outside diameter of the motor pulley, rpm of the machine, and size of the belt when using the clutch motor of 3-phase, 2-pole, 400W(1/2HP).

The outside diameter on the table shows the nearest size to the calculated values based on the commercial pulleys at intervals of 5 mm.

皮帶輪 外徑	機器轉速		皮帶尺寸 離合器馬達
	50Hz	60Hz	
45		2600	M21
50		2900	M21
55	2700	3200	M21
60	2900	3500	M21
65	3150	3800	M21
70	3400	4100	M21
75	3650		M22
80	3900		M22
85	7500		M22

表格一

注意：

只可使用適合之皮帶輪，如果使用速度超過最大上限機器會有損壞的可能性。

CAUTION

Use only those motor pulleys applicable to the machine. If not, the sewing speed will be over maximum and it can cause the machine damage.

1.4 其它部份

1.4 Other parts

機頭線架

將線架支柱③裝在線架固定座⑦，再將過線架④用螺絲⑤鎖在線架支柱③，調整過線桿⑥，使穿線平順，不致於線會糾結在一起。(Fig.12)

Setting thread eyelets:

Stand the thread guide plate supports③ on the thread tension support⑦ and fix the thread guide plate④ on the supports③ with the screws⑤.

Adjust the thread pipes⑥ to thread smoothly without entangling. (Fig. 12)

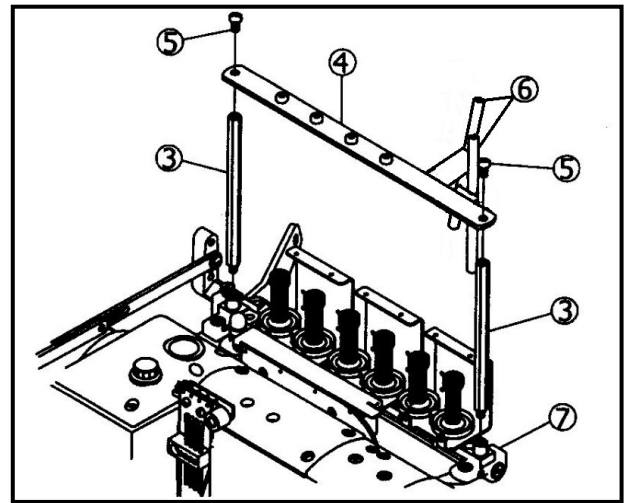


Fig.12

2 · Sewing speed and rotating direction of pulley 馬達轉速和皮帶輪轉動方向

機器轉速最高速為 4200R.P.M，平常使用 3800R.P.M。

在前 200 個小時（約一個月）使用 3000-3360R.P.M 左右的速度，這樣機器使用時間可以延長。

The sewing speed is 4200 rpm at the maximum and 3800rpm is usual.

Run a new machine at a speed of 15-20% lower than maximum sewing speed during the first 200 hours (for about one month) so that the machine can offer

a long service life in good condition.

注意：

如果運轉方向相反，油無法供應，會造成機器損壞。

CAUTION

If rotating in reverse direction, oil can not be supplied properly. It can cause the machine damage.

3 · Lubrication 潤滑

3.1 潤滑油

3.1 Lubricating oil

注意：

絕對不要在油內加入任何添加物（劑），否則將惡化油的品質，並損害機器。

CAUTION

Never add additives to the oil.

If added, it can cause the deterioration of the oil and the machine damage.

3.2 潤滑系統

3.2 Lubricating

- (1) 旋開油塞螺絲①和②然後加油。(Fig.13)
- (2) 從油孔①加油直到油量到③最上方的紅線，從油孔②加油直到油量到④最上面的紅線。(Fig.14)
- (3) 使用機器前檢查油水平。如果沒到水平線要加油。
- (4) 當機器在使用中時，從油鏡⑤和⑥檢查油有無供應。

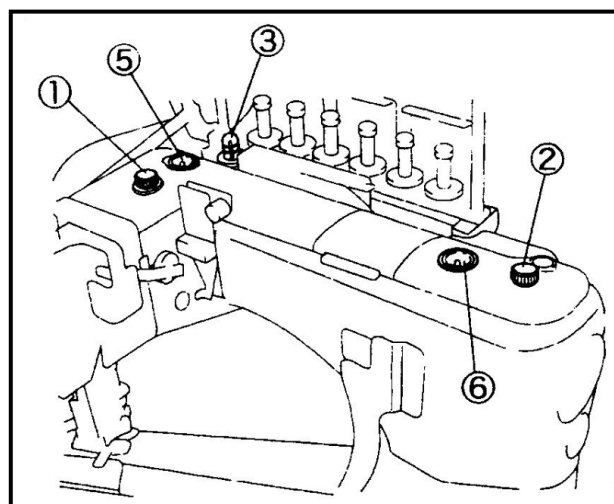


Fig.13

- (1) Remove the plug screws ① and ② indicated "OIL" and supply oil.
- (2) From the plug screw ①, supply oil until the oil level indicator top reaches the upper line in the oil sight gauge ③. From the plug screw ②, supply oil to the upper line in the oil sight gauge ④. (Fig.14)
- (3) Check the oil level between the lines in the oil sight gauge ③ and ④ before running a machine. If it is under the lines, supply oil.
- (4) Check the oil splashes from the nozzle inside the oil sight top windows ⑤ and ⑥ when starting to run a machine.

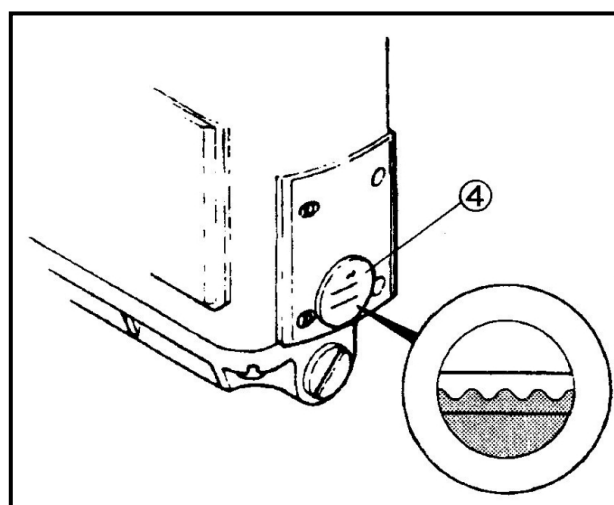


Fig.14

3 · Lubrication 潤滑

注意：

太多或太少的油會造成機器漏油和機器故障。維持油的水平在 2 條紅線之間。

CAUTION

Too much oil or not enough oil can cause oil leakage and machine trouble. Be sure to keep the oil level between the lines.

3.3 啟動注油

3.3 Priming oil

裝新機器或使用久未使用的機器，如果油沒有循環完整，需移除幫浦上的油塞螺絲①，注入油後裝回螺絲再使用機器。(Fig.15)

Prime oil if oil does not circulate completely when installing a new machine or running a machine which has not been used for a while.

Remove the plug screws① of the pump driven gear to prime oil. Run a machine after resetting them①. (Fig.15)

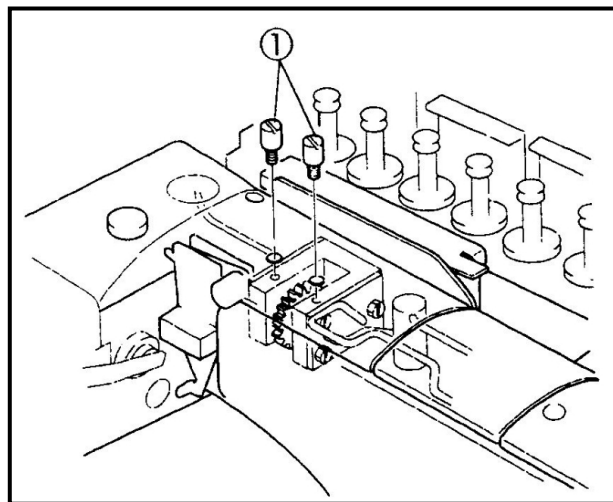


Fig.15

3 · Lubrication 潤滑

3.4 補充油

3.4 Replenishing oil

在箭頭處需滴一些油潤滑。如果油漏在壓腳和上刀周圍會導致沾汙布，要確實的把油擦乾淨。

(Fig.16,17,18)

Replenish a drop of oil from the points indicated arrows with an oiler (accessories) if needed.

If oil leaks around the presser foot and the upper knife, it can cause oil stain on the material. Be sure to wipe it completely. (Fig.16,17,18)

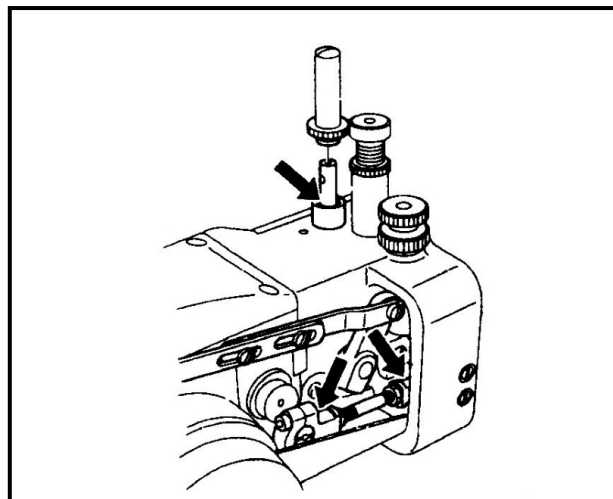


Fig.16

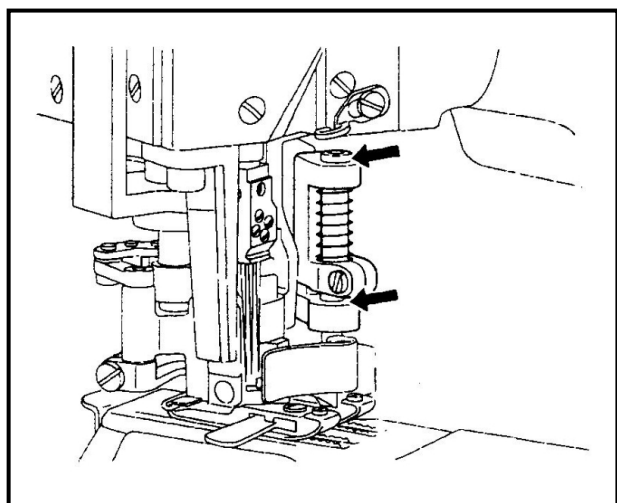


Fig.17

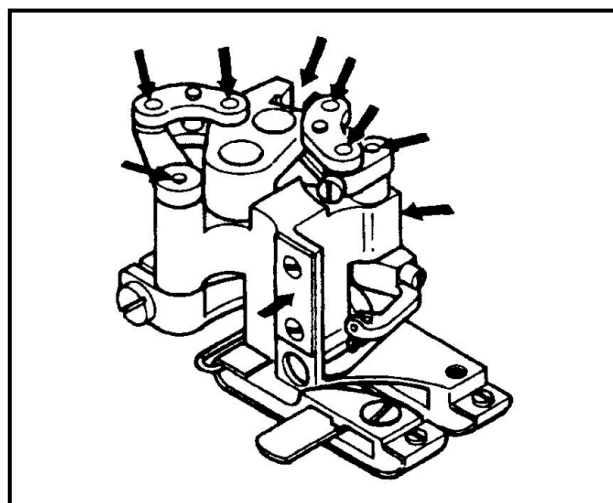


Fig.18

3.5 更換油

3.5 Changing oil

3.5.1 換油時機

新機使用 200 小時（約使用一個月）後，要更換新油，之後每年換新油 1-2 次。

3.5.1 Period of changing :

When using a new machine, change the lubricating oil after running for 200 hours (for about one month). After that, change the oil once or twice a year.

3 · Lubrication 潤滑

3.5.2 換油程序

- (1) 分別在螺絲①和②下面放置接油容器。
- (2) 拆下螺絲①和②後油會自行流出。
- (3) 裝回螺絲①和②。
- (4) 注入新油。
- (5) 裝上皮帶蓋。

Procedrue for changing :

- (1) Set containers received the oil under the screws ① and ② respectively.
- (2) After removing screws ① and ②, the oil is drained.
- (3) Reset the screws ① and ②.
- (4) Fill the new oil.
- (5) Reset the belt cover.

注意：

勿使油弄髒皮帶以及機器轉輪。

NOTE

Be careful not to soil the V-belt and the machine pulley with the oil.

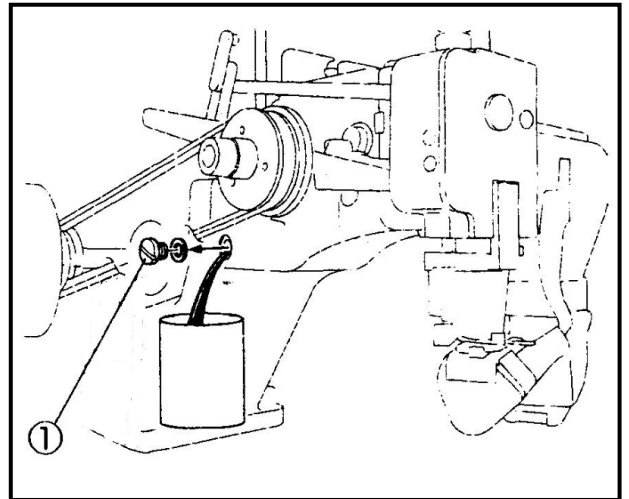


Fig.19

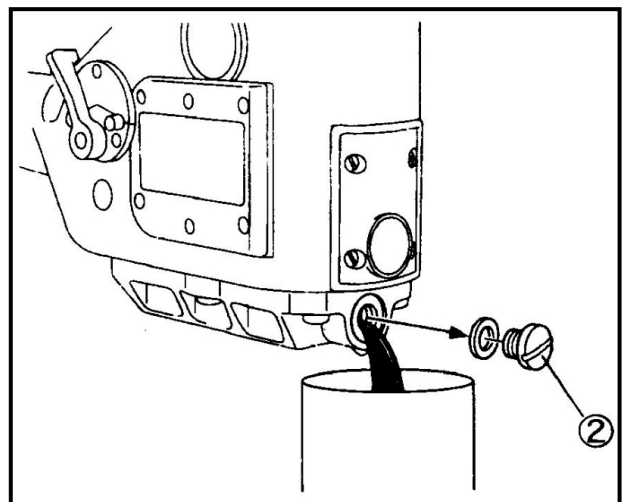


Fig.20

4 · Proper operation 使用說明

4.1 車針系列

4.1 Needle system

4.1.1 縫紉機用針

4.1.1 Sewing needle :

格洛茲貝克牌(Groz-Beckert) UY118GKS
風琴牌(Organ) FLX118GCS

Japanese standard 日本規格	8	9	10	11	12	14
Metric Standard 公制規格	60	65	70	75	80	90

表格二

提醒：

請選用適合的針給不同的材料。有些尺寸並沒有販售，請從目錄上確認尺寸。

4.1.2 假針

4.1.2 Retainer needle :

四支針配合一支假針。

One retainer needle is used with four sewing needles.

格洛茲貝克牌(Groz-Beckert) 36211 , 36211A
風琴牌(Organ) FLG-1 , FLG-8

Japanese standard 日本規格	8	9	10	11	12
Metric Standard 公制規格	60	65	70	75	80

表格三

提醒：

請選用適合的假針去使用不同的材料。有些尺寸並沒有販售，請從目錄上確認尺寸。

Note:

Select the proper sewing needle in size depending on thickness and type of material.

4.2 針的安裝

4.2 Installing needle

- (1) 旋轉轉輪將針抬到最高點。
 - (2) 放鬆螺絲①。(Fig.21)
 - (3) 平面擺在前方將新針放入針鉗內最頂端，然後鎖緊螺絲①。
- (1) Rotate the handwheel to raise the needles at the highest point.
 - (2) Loosen the screws① and pull the needles down.
 - (3) Face the flat parts front, insert new needles into the needle clamps far as they will go. Tighten them with the screws① securely.

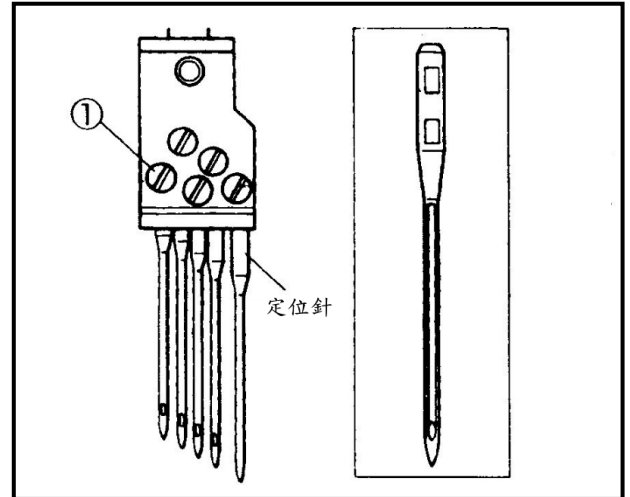


Fig.21

注意：

安裝針之前一定要先把馬達關掉，並確定馬達不會轉動。

WARNING

Before installing the needles, always turn the motor switch OFF and check that the motor has already stopped.

4 · Proper operation 使用說明

4.3 線

4.3 Threading

先用易穿的線從 ABCDEF 孔穿至針鋸前，然後結上要用的線拉到針前，把結剪掉。

線正確位置(Fig.28)。

A, B, C, D : 針線

E : 上飾線

F : 下勾針線

When threaded, pull the thread out until it is in front of the needles. Then cut off the knot before needle eye to rethread. When threaded, pull the thread out until the knot is out. Then cut off the knot.

A, B, C, D : Needle thread

E : Top cover thread

F : Lower looper thread

提醒：

當抬起壓腳時，線架組會平穩的放開，此時可輕鬆的將線拉過。

穿下鉤針線時不須把針板拆掉。

Note:

When raising presser foot, thread tension will be released to take up smoothly.

Improper threading can cause thread breakage, skip stitch, and uneven stitch.

注意：

穿線前一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before threading, always turn the motor switch OFF and check that the motor has already stopped.

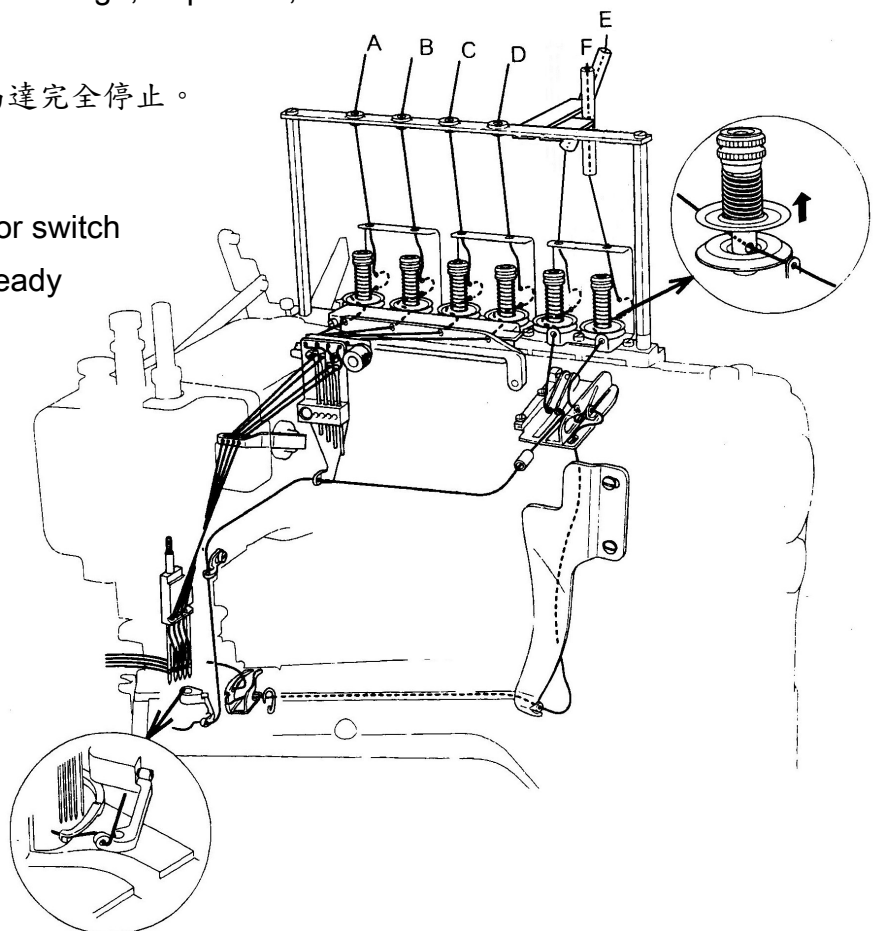


Fig.22

4 · Proper operation 使用說明

4.4 線鬆緊

4.4 Thread tension

調整線架上的鬆緊度是靠螺母①-⑥取決於布線寬度和其它狀況。(Fig.29)

①-④：針的線（①：右針，④：左針）

⑤：上網線

⑥：下網線

- 如果調緊線時，以順時間方向調下①-⑥螺絲。
- 如果調鬆線時，以逆時間方向調上①-⑥螺絲。

Adjust the thread tension with the tension adjusting

nuts①-⑥ depending on fabric type, thread type, seam width, stitch length, and other sewing conditions.

①-④：needle threads (①：right needle, ④：left needle)

⑤：top cover thread

⑥：looper thread

- To tighten the thread tension, turn the nuts clockwise.
- To loosen the thread tension, turn nuts counter-clockwise.

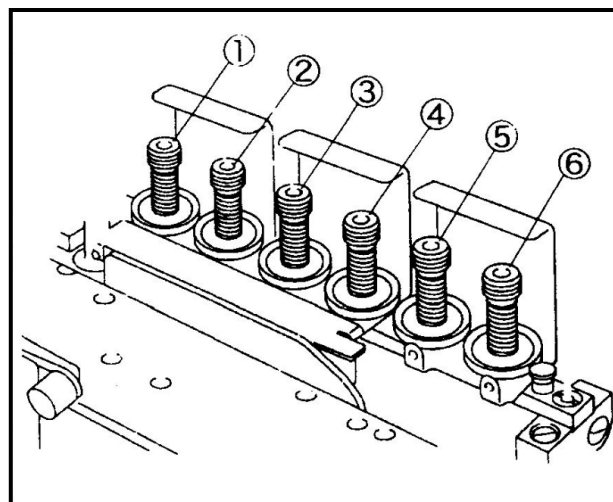


Fig.23

4.5 調整壓腳壓力

4.5 Pressure of presser foot

放鬆螺母⑦然後用壓腳柱螺帽⑧來調壓力。(Fig.24)

- 增加壓腳壓力時，順時間調整螺帽⑧。
- 減少壓腳壓力時，逆時間調整螺帽⑧。

Loosen the lock nut⑦ and turn the adjusting screw⑧ to adjust the pressure.

- To increase the pressure, turn the adjusting screw ⑧ clockwise.
- To decrease the pressure, turn the adjusting screw ⑧ counterclockwise.

提醒：

儘可能保持壓腳壓力在最鬆的狀態，使布在針板上更加平穩。

Note:

Keep the pressure as low as possible for stable stitches.

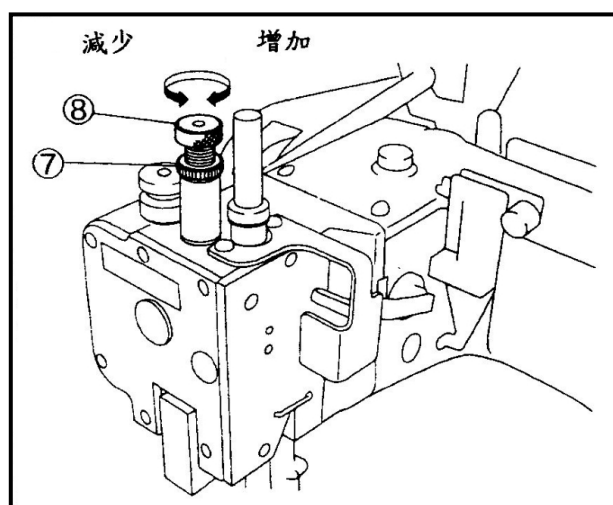


Fig.24

4.6 調整壓腳高低

4.6 Up-and-down poition of presser foot

輕微的調高或降低壓腳都會有明顯的成效。

Following effective points will be obtained by slightly raising the presser foot.

- 預防勾齒抓痕。
- 改善壓腳彈片的耐久度。
- 增減壓腳彈片的壓力度。
- 減少噪音和振動。
- 可細微的調整針織的寬度。
- Prevention of fabric jam
- Prevention of feed scratch mark
- Improvement of durability of presser foot spring plate
- Reduction of vibration and noise
- Available for fine adjustment of lapped fabric width

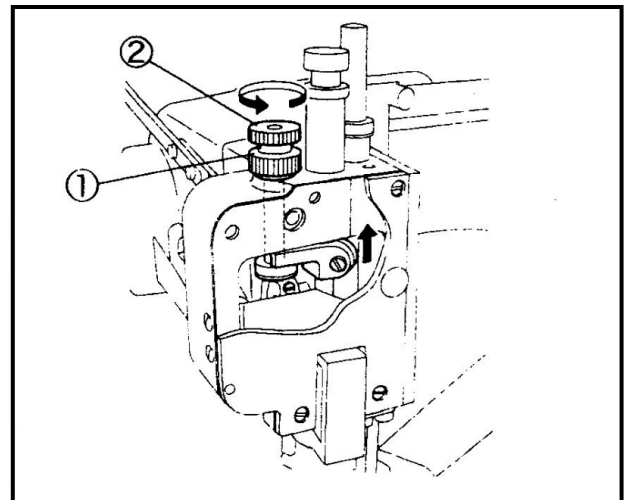


Fig.25

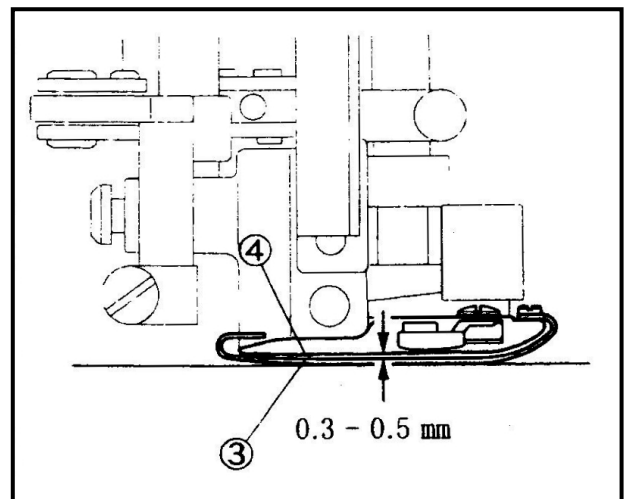


Fig.26

(1) 針在最底點的位置。

(2) 鬆開螺絲①，然後逆時間旋轉調整螺母②抬起壓腳。(Fig.25)

(3) 在壓腳④和壓腳彈片③之間調整出 0.3-0.5mm 的間隙。(Fig.26)

(4) 把螺母①鎖回去。

(1) Position the needle at the lowest point.

(2) Loosen the lock nut① and run the adjusting nut ② counterclockwise to raise the resser foot

(3) Adjust the clearance between the botton④ of the presser foot and the presser foot spring plate③ to 0.3-0.5 mm

(4) Tighten the lock nut① securely.

4.7 調整差動

4.7 Adjusting differential feed dog

- (1) 移動調整桿向右或左去調整差動桿⑤在刻度“4”和刻度“5”之間是相同的動作和差動。即主牙和差動牙的運作相同。(Fig.27)
- (2) 螺絲⑥是用來固定調整桿⑤和保持差動的多或少。

- (1) Move the differential feed operating lever⑤ right or left to adjust differential feed dog.

The lever⑤ between the graduations "4" and "5" makes the equal movement of the main and the differential feed dogs.

- (2) The screw⑥ is for fixing the lever⑤ and keeping the differential movement adjusted.

- 一般差動比：調整桿⑤調到刻度“9”的位置。
- 反差動比：調整桿⑤調到刻度“1”的位置。
- To make normal differential, move the lever⑤ to "9".
- To make reverse differential, move the lever⑤ to "1".

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

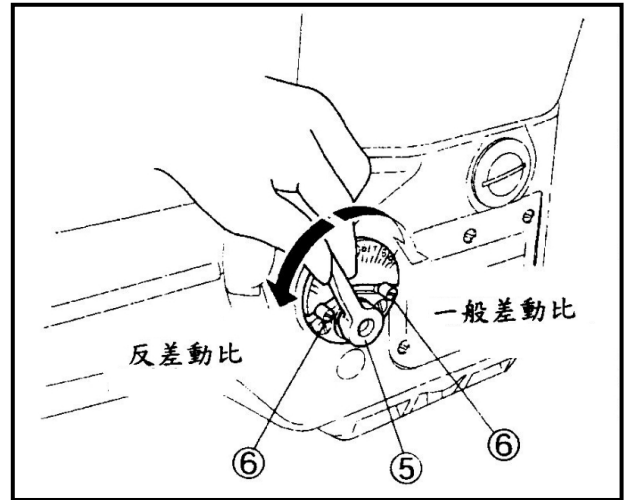


Fig.27

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

4 · Proper operation 使用說明

4.8 調整針距

4.8 Adjusting stitch length

粗細針的範圍標準為 1.6-2.5mm，但可調整至更大。

Stitch length ranges 1.6-2.5 mm as standard and can be adjustable infinitely.

調整：

- (1) 放鬆螺絲①，移動針檔②（後）到最後面。然後輕微鎖緊。減少針寬時可以省略。
- (2) 退掉油塞螺絲③。
- (3) 放鬆螺絲④去調整粗細針。
- (4) 鎖緊螺絲④和重新裝上油塞螺絲①。

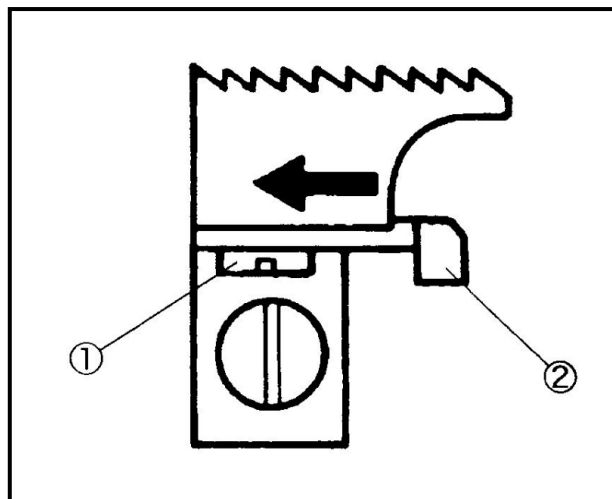


Fig.28

Adjusting :

- (1) Loosen the screw① and move the needle guard (rear) ② most rearward. Then tighten it slightly.
* This is skipped when decreased the stitch length.
- (2) Remove the plug screw③.
- (3) Loosen the screw④ to adjust the stitch length.
- (4) Tighten the screw④ securely and reset the plug screw①.

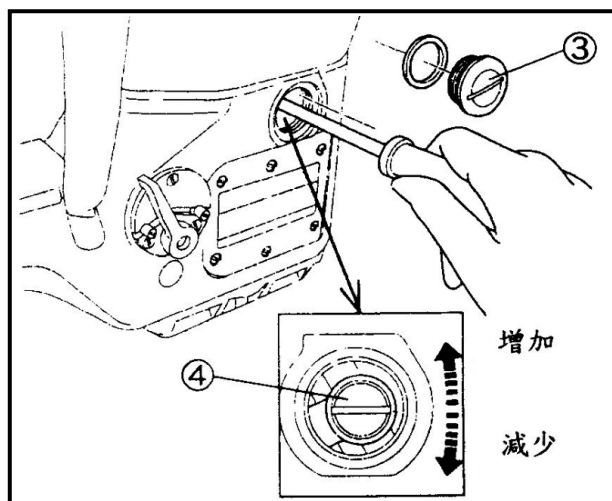


Fig.29

- 增加針距時，將螺絲④向上調整。
- 減少針距時，將螺絲④向下調整。
- To increase stitch length, move the screw④upward.
- To decrease stitch length, move the screw④downward.

注意：

油塞螺絲③要鎖緊防止漏油。

CAUTION

Tighten the plug screw③securely to prevent oil leakage.

4 · Proper operation 使用說明

表格四為針距大小使每英寸或每 30mm 的距離有幾針。

Table 4 shows the number of stitches per inch (25.4 mm) and 30 mm converted stitch length.

注意：

調整針距必須注意後針檔的位置。

CAUTION

Be sure to adjust needle guard(rear) after changing stitch length to prevent breakage of the parts.

針距(mm)	1 英寸針數	30mm 針數
2.5	10	12
2.1	12	14
1.8	14	16.5
1.6	16	19
1.2	21	25
1	25	30

表格四

提醒：

每次在更換不同的狗齒之後，都要調整粗細針。

Advice adjustment

Always adjust stitch length after changing differential feed dog.

注意：

在調整機器前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

4.9 調整切布刀

4.9 Adjusting lapped width of upper fabric

- (1) 底刀①的標準位置要留距離在底刀①尖端和鎖底刀座②之間 0-0.5mm。(Fig.30)
- (2) 當上刀③在最左邊時，上刀③和底刀①要有 0.5mm 的重疊。
- (3) 放鬆螺絲④和⑤去調整上刀和底刀。
(Fig.31 , 32)

- (1) For the standard position of the lower knife①, make the distance between the lower knife① tip and the lower knife clamp② to 0-0.5 mm. (Fig. 30)
- (2) For the standard position of the upper knife③, engage between the upper knife③ and lower knife① to 0.5 mm when the upper knife③ is at the extreme left.
- (3) Loosen the screws④ and ⑤ to adjust the lower and upper knives respectively.(Fig.31 , 32)

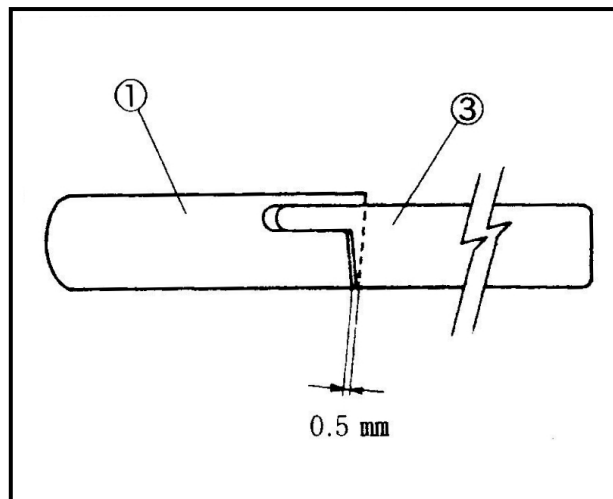


Fig.30

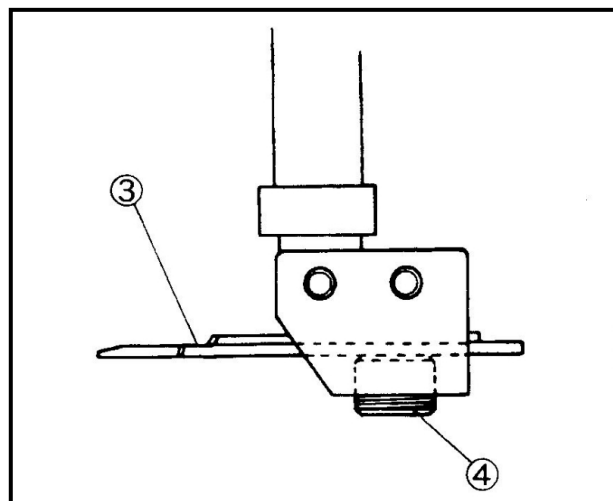


Fig.31

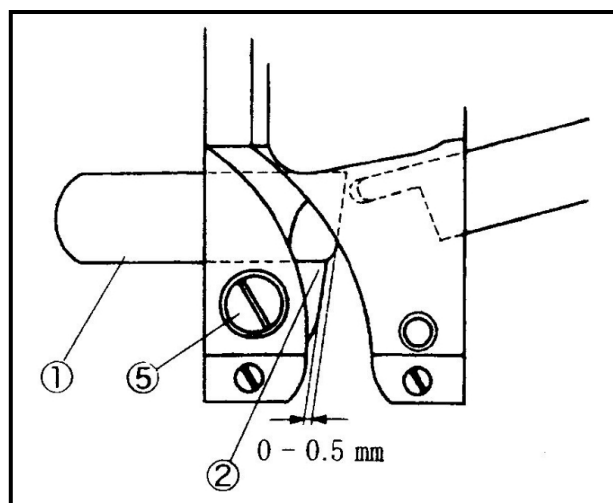


Fig.32

4 · Proper operation 使用說明

4.10 過線油組

4.10 SP device

當機器在高速運轉或使用特殊線或特殊纖維時，矽油壺組是標準配備，以防止斷線跳針。

當使用機器時，將毛氈①放入矽油壺②內。

(Fig.33)

SP device (needle thread oiling) is equipped as standard to prevent thread breakage and skip stitch when running a machine at high speed or using synthetic thread and/or synthetic fabric.

Fix the felts① included accessories into the SP tank② when using.

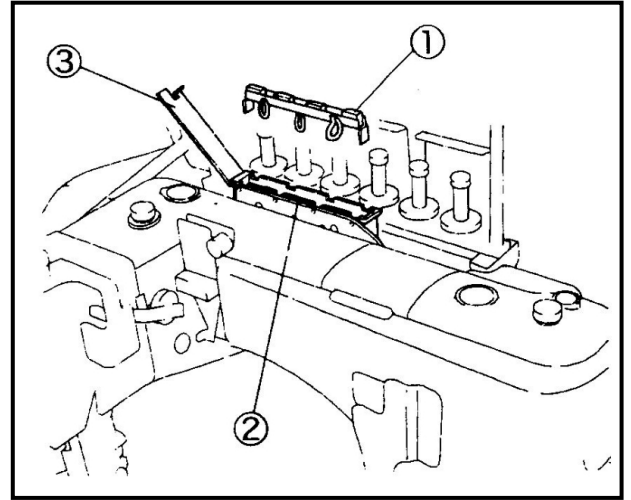


Fig.33

注意：

1. 當不使用矽油壺組時，要取出毛氈①。不然可能在車縫時發生不正常情況。
2. 當矽油沾到其他零件時，可能引起機器損傷，故要將油擦乾淨。

CAUTION

1. When not using SP device, remove the felts①. If not, it may occur irregular condition during sewing.
2. If the silicone oil stuck to the parts other than SP device, it can cause the machine damage. Be sure to wipe it away.

使用乙烷樹脂

打開油壺蓋③，檢查油量。如果不夠，添加油於油壺②。

Use dimethy 1 silicone oil

Open the oil cup lid③ and check the oil amount.If not enough, supply oil into the SP tank②.

4 · Proper operation 使用說明

4.11 導布器

4.11 Use of lap former

4.11.1 調整左右邊的標準位置

4.11.1 Standard left-and-right position

鬆開螺絲④調整位置，視刀的邊緣和刀齒去輕微的調整使導布器上的 A 點跟 4 支針的中間成一直線。

Align the point A of the lap former① with the center of four needles.

Depending on lapped edges of the fabrics or fabric feeding, loosen the screws④ and adjust the position.

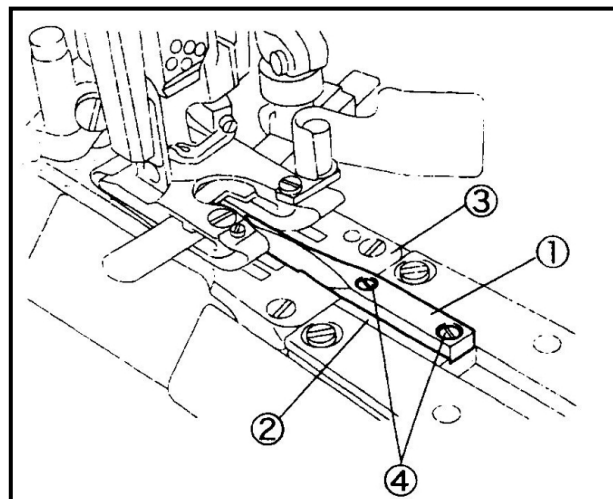


Fig.34

4.11.2 調整前後的標準位置

4.11.2 Standard front-and-rear position

設定滑塊②的停止位置在針板③前。視刀厚去輕微的調整位置

Set the position where the lap former slide block② touches and stops in the front of the stitch plate③.

Depending on fabric thickness, adjust the position slightly toward the operator.

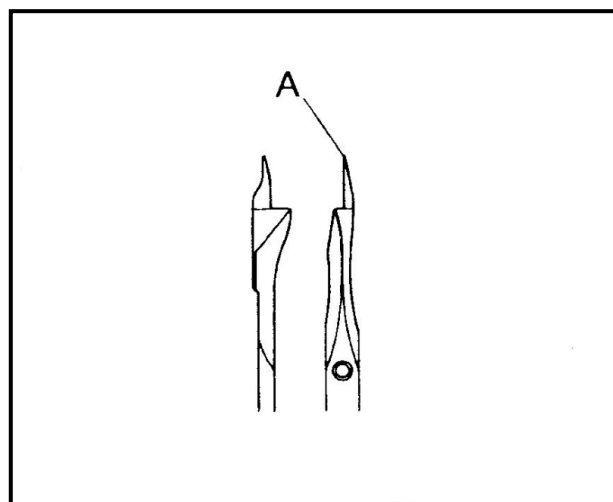


Fig.35

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

5 · Adjustments 調節裝置

5.1 針線鬆緊

5.1 Needle thread tension

5.1.1 針線線圈調整片

5.1.1 Needle thread strike-off pin

4 支針各有自己的過線片可調整線圈的鬆緊。

- (1) 抬線架①轉到最低位置。(Fig.36)
- (2) 第一片②要跟右邊第四針的線平齊。(Fig.37)
- (3) 設定第四片③離第一片②的高度為 3.2mm。
- (4) 設定第三片④離第一片②的高度為 1.6mm。
- (5) 設定第二片⑤離第一片②的高度為 0.8mm。
- (6) 對準後鎖緊螺絲⑥。

註：檢查最上面那片的水平。

- 要把線圈變大就把過線片往上移 “L”。
- 要把線圈變小就把過線片往下移 “S”。

Each of four needles has the needle thread strike-off pin which adjusts the thread tension respectively.

- (1) Position the needle thread take-up① at the lowest point. (Fig.36)
- (2) Set the top of pin② even with the needle thread as the fourth right needle. (Fig.37)
- (3) Set the pin③ 3.2 mm higher than the pin②.
- (4) Set the pin④ 1.6 mm higher than the pin②.
- (5) Set the pin⑤ even with or 0.8 mm higher than the pin②.
- (6) Tighten the screws⑥ securely.

Note: Check the tops of the pins are horizontally.

- To make the loop larger, move the pins in the direction “L”.
- To make the loop smaller, move the pins in the direction “S”.

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

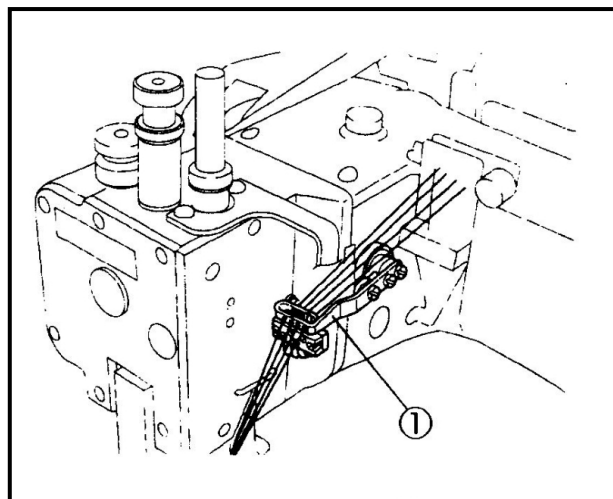


Fig.36

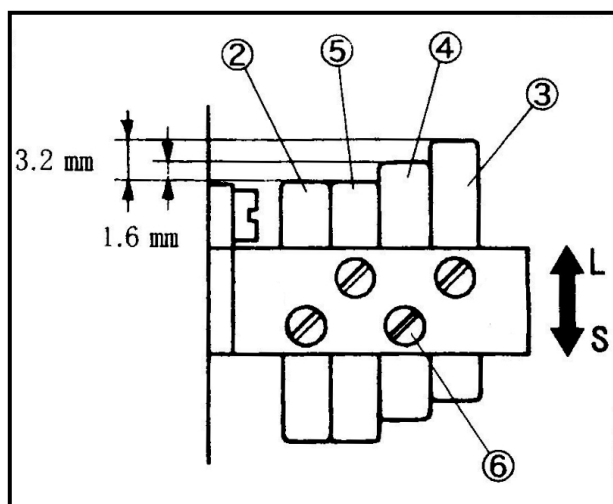


Fig.37

5 · Adjustments 調節裝置

5.1.2 針線孔

5.1.2 Needle thread eyelet

(1) 右邊最高的過線孔①要跟線孔③成一直線。

(Fig.38)

(2) 設定過線孔④比①低 5mm。

(3) 設定過線孔⑤比①低 9mm。

(4) 設定過線孔⑥比①低 15mm。

- 過線片往下移，線就會變緊。
- 過線片往上移，線就會變鬆。

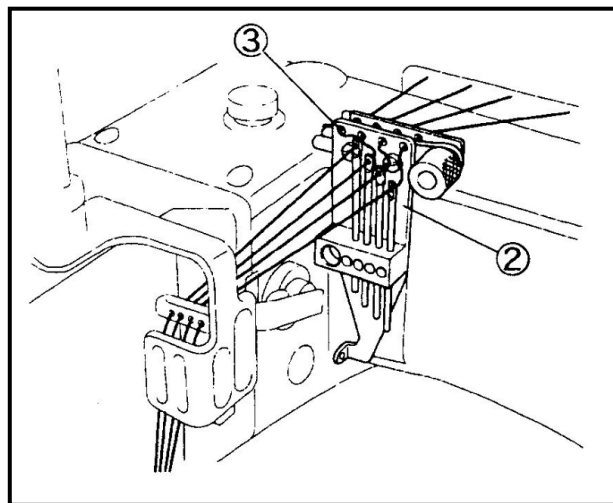


Fig.38

(1) Make the height of the right needle thread eyelets① to align their eyes with the eyes③ of the needle thread eyelet holder.

(2) Set the eyelet④ 5 mm lower than the eyelet①.

(3) Set the eyelet⑤ 9 mm lower than the eyelet①.

(4) Set the eyelet⑥ 15 mm lower than the eyelet①.

- To tighten needle thread, move the eyelets in the direction “T”.
- To loosen needle thread, move the eyelets in the direction “L”.

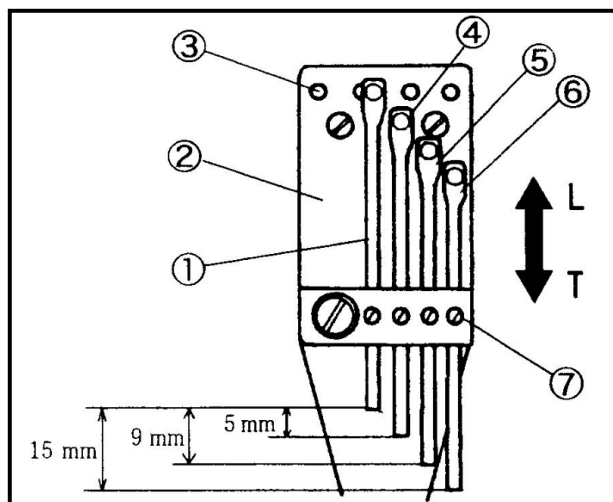


Fig.39

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

5 · Adjustments 調節裝置

5.2 下底線

5.2 Looper thread tension

底線導板①和支撐②要成一直線。

Align the right of the looper thread take-up guide① with that of the eyelet supporting plate②.

5.2.1 底線收緊時機

5.2.1 Timing of looper thread take-up

正確的凸輪④位置是當針桿③最高的位置下移 2.8mm 時，線通過 A 點。放鬆⑤去調整。

Position the looper thread take-up④ as standard so that looper thread passes at the point A when the needle bar③ is lowered 2.8 mm from the highest point. Loosen the screws⑤ to adjust it.

- 增加底線的鬆度，把線凸調快。
- 減少底線的鬆度，把線凸調慢。
- To increase the looper thread take-up amount, hasten the timing.
- To decrease the looper thread take-up amount, delay the timing.

註：當調整凸輪④時，面向凸輪④凸出的地方和上線抬起時不用調整前後位置。

Note : When adjusting take-up④, face both bosses of the take-up④ and the top cover thread take-up without shifting the front-and-rear position.

注意：

如果時間差調超過會造成跳針。

CAUTION

If the timing of the looper thread take-up exceeds the adjustable range, it may occur skip stitch.

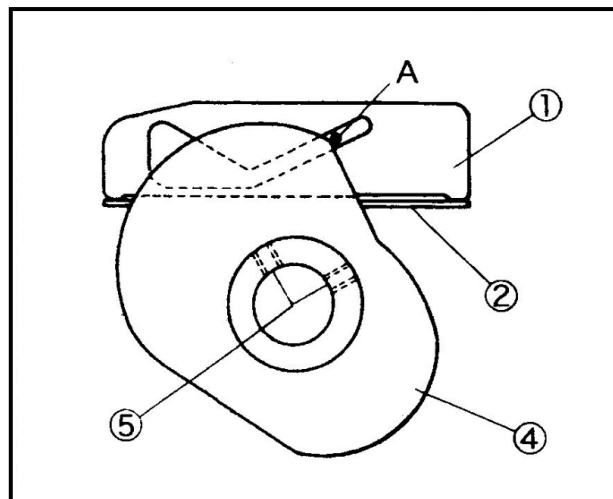


Fig.40

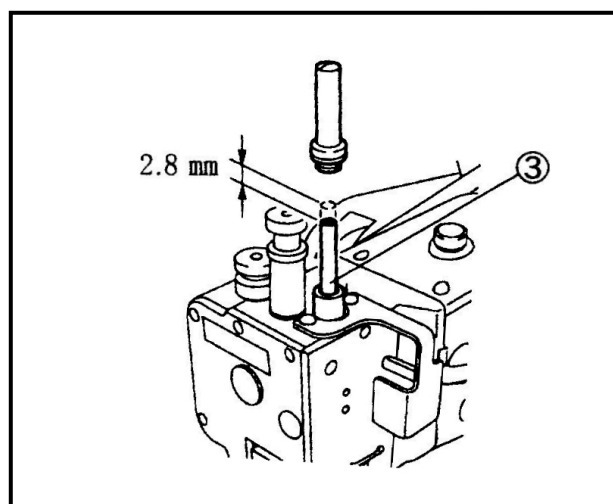


Fig.41

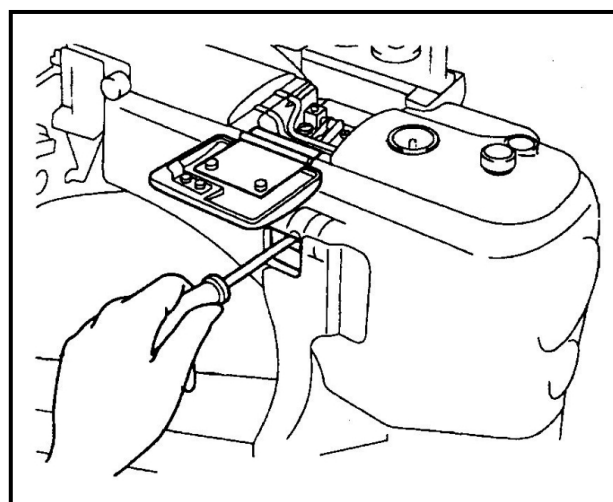


Fig.42

5 · Adjustments 調節裝置

5.2.2 下勾針凸輪的位置

5.2.2 Position of looper thread take-up eyelet

底線過線片⑥和⑦標準位置為最右邊。放鬆螺絲⑧和⑨左右移動去調整。(Fig.43)

Set the looper thread take-up eyelets ⑥ and ⑦ at the extreme right as standard.

Loosen the screws ⑧ and ⑨, and move them right or left to adjust ti.

- 增加底線的量，將過線片往“L”的方向移動。
- 減少底線的量，將過線片往“S”的方向移動。
- To increase the looper thread take-up amount, move them in the direction “L”.
- To decrease the looper thread take-up amount, move them in the direction “S”.

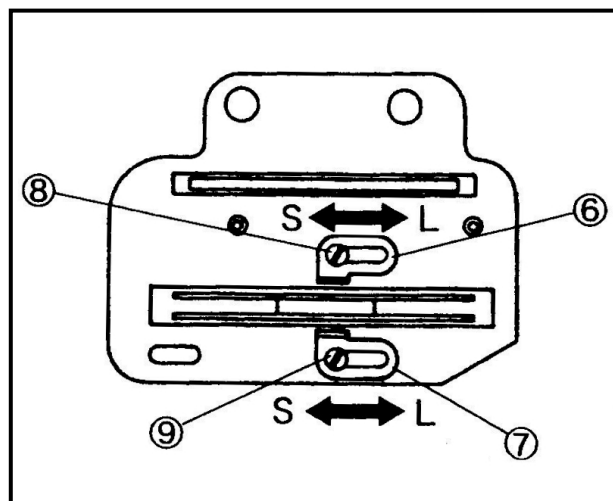


Fig.43

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

5.3 上網線

5.3 Top cover thread tension

5.3.1 線孔位置

5.3.1 Position of thread take-up eyelet

支撐板②和過線片①的標準距離是 4.4mm。放鬆螺絲③再上下調整移動線孔。(Fig.44)

- 增加線量時，將過線片①往下移。
- 減少線量時，將過線片①往上移。

Make the standard distance from the top the eyelet supporting plate ② to the thread take-up eyelet ① eye to 4.4 mm.

Loosen the screw ③ and move the eyelet ① up or down to adjust it.

- To increase the top cover thread take-up amount, move the eyelet ① downward.
- To decrease the top cover thread take-up amount, move the eyelet ① upward.

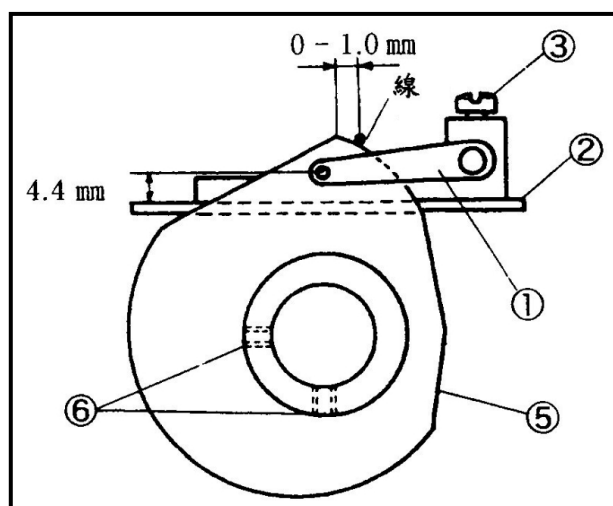


Fig.44

5 · Adjustments 調節裝置

5.3.2 調整上網線的時機

5.3.2 Timing of top cover thread take-up

當大的上勾針④勾到小勾針上的線時(Fig.45)，網線和凸輪的尖端距離為 0-1.0mm 之間，調整凸輪⑤時鬆開螺絲⑥。(Fig.44)

The moment the top cover thread is hooked with the top cover thread hook④ (Fig. 45), the thread is held at the point 0-1.0 mm apart from the top of the take-up⑤. Loosen the screws⑥ to adjust it. (Fig.44)

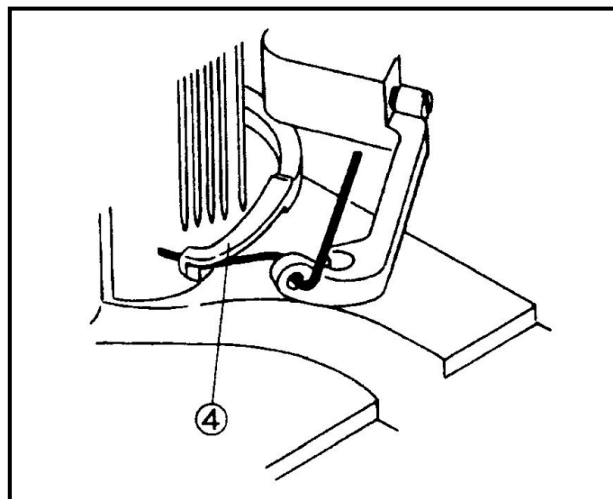


Fig.45

註：調整好凸輪⑤時，勾線時間和凸輪⑤時間正確後，不必再前後調整。

Note : When adjusting take-up⑤, face both bosses of the take-up⑤ and the looper thread take-up without shifting the front-and-rear position.

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

5 · Adjustments 調節裝置

5.4 針位高度

5.4 Height of needle

第四支針跟針板的距離為“N”的高度，但針距大小不同，高度就不同，如表格五所示。

Make height “N” of the needle from the top of the stitch plate to the tip of the fourth needle from the left when the needle is at the highest point.

針距 Needle distance	高度(N) Height(N)
R : 5.2mm	13.5mm
S : 6.0mm	12.7mm

表格五

調整高度：

- (1) 移開油塞①。
- (2) 鬆開螺絲②。
- (3) 上下移動針柱③去調整，針與針孔須保持平行。
(Fig.48)
- (4) 鎖緊螺絲②。
- (5) 裝回油塞①。

Adjusting height :

- (1) Remove the seal plug①.(Fig.47)
- (2) Loosen the screw②.
- (3) Move the needle bar③up or down to adjust the height. Check the alignment in Fig. 48.
- (4) Tighten the screw②scecruely.
- (5) Reset the seal plug①.

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

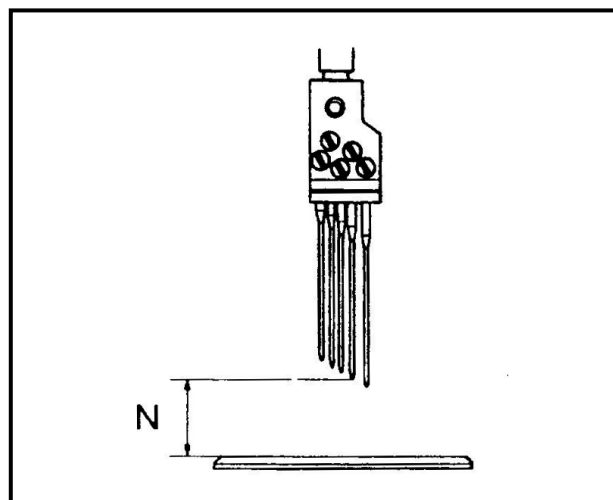


Fig.46

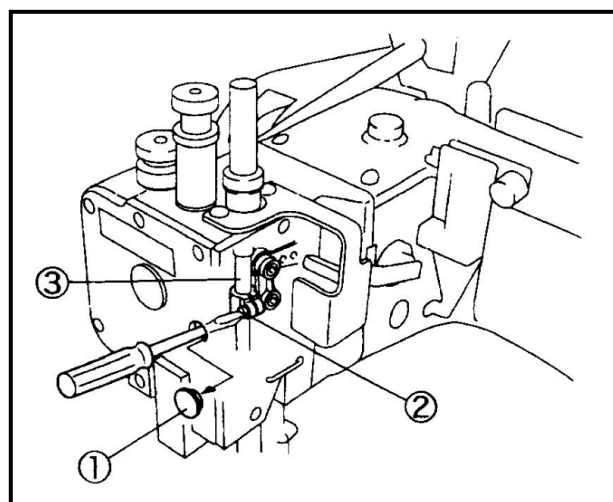


Fig.47

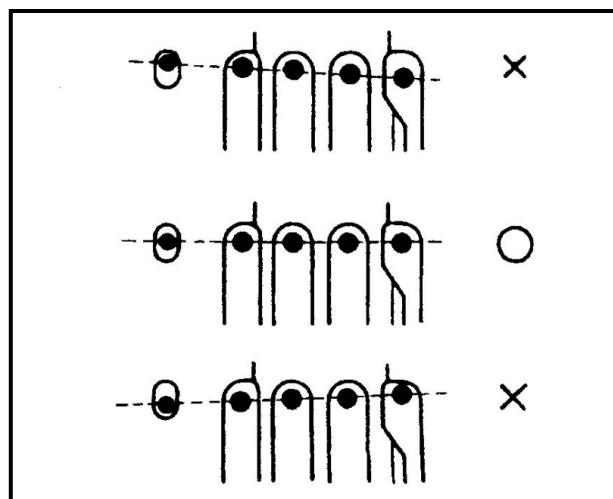


Fig.48

5 · Adjustments 調節裝置

5.5 上勾針

5.5 Top cover thread carrier and hook

上網線的時間點：

調整上勾針的位置形成線圈，使第一針和第二針插入線圈內，放鬆螺絲⑤調整上勾針①。(Fig.49)

Top cover thread carrier :

Position the top cover thread carrier①so that top cover thread loop formed with the hook behind the first and the second needles from the left when the carrier① comes most nearly to the needle.

Loosen the screw⑤to adjust it.

上勾針：

當大上勾針②和小上勾針①最接近時的間隙為 0.4-0.7mm。(Fig.50)

當大上勾針②停在最右邊時，和假針③要有 0.5mm 的間隙。(Fig.52)

放鬆螺絲⑥去調整。(Fig.51)

Top cover thread hook :

When the top cover thread hook②comes most nearly to the top cover thread carrier③, make the clearance between them to 0.4-0.7 mm during one rotation. (Fig.50)

When the hook②moves at the extreme right,make the clearance between the hook②and the retainer③ to 0.5 mm. (Fig.52)

Loosen the screw⑥to adjust them. (Fig.51)

註：要調整時不要抬壓腳的上下。

Note : Be sure adjust them without play up and down.

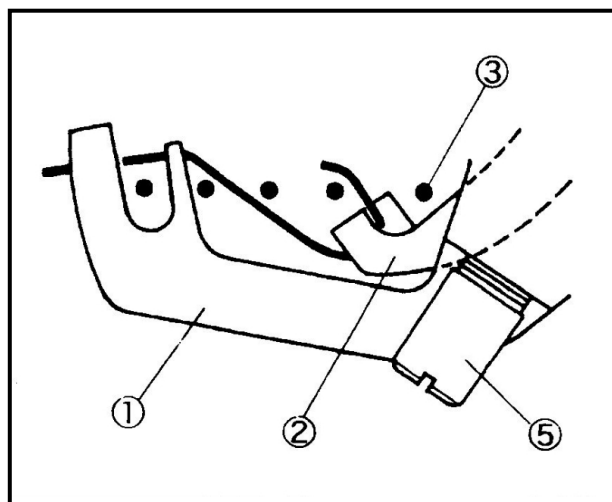


Fig.49

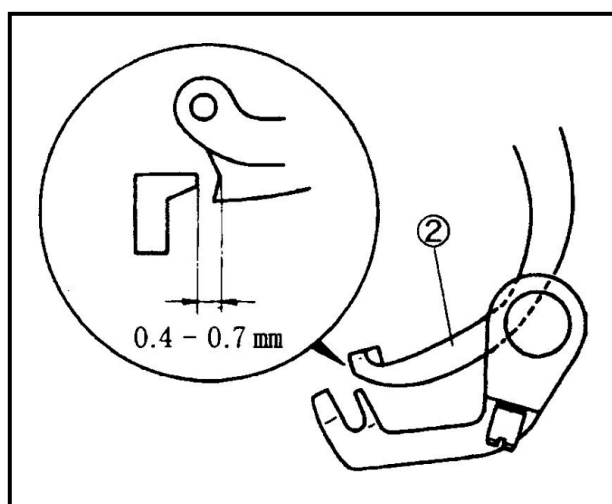


Fig.50

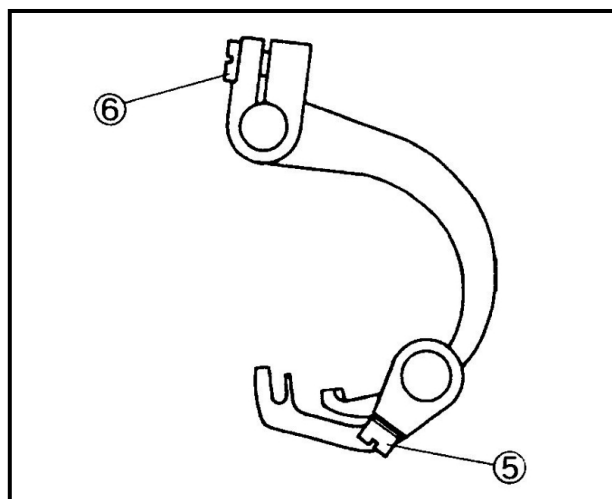


Fig.51

5 · Adjustments 調節裝置

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

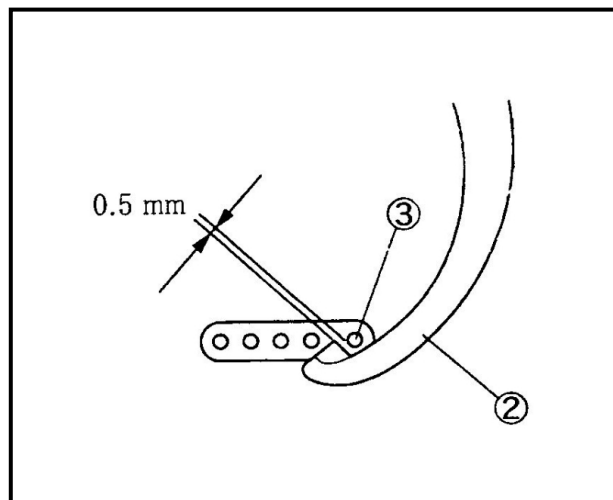


Fig.52

5.6 下勾針

5.6 Looper

高度：

裝下勾針①到下勾針座上⑥然後鎖緊螺②。

Height：

Insert the looper①into the hole of the looper holder⑥ and tighten the screw② securely.

角度：

下勾針固定座平面 A 要和下勾針柱成 90 度。

放鬆螺絲②去調整下勾針。

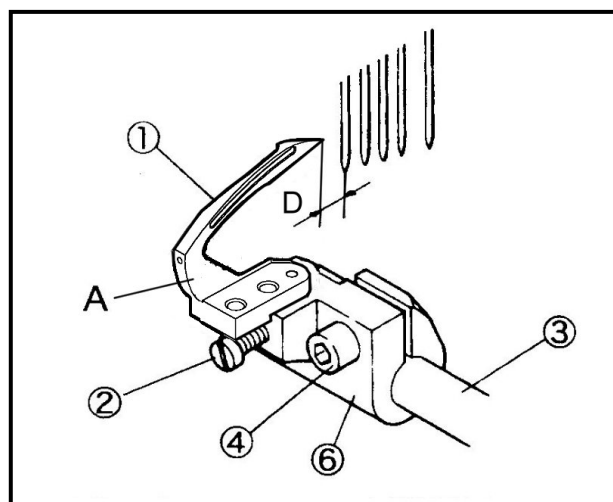


Fig.53

Angle：

Fix the surface A of the looper at 90° to the looper rocker shaft. Loosen the screw② to adjust it.

下勾針和針的距離：

當下勾針在最左邊的時候，下勾針和針的標準距離為 4.2-4.8mm。

可放鬆螺絲④去調整。

Distance between looper and needle：

Make standard distance between the looper tip and the center of the left needle to 4.2-4.8 mm when the looper①is at the extreme left.

Loosen the screw④to adjust it.

5 · Adjustments 調節裝置

下勾針的前後位置：

當下勾針①移動從左到右，會在針的後面。調整其位置使下勾針更接近針，其間隙 0-0.05mm，但不能碰到針，當下勾針的尖端在左針的中間時，放鬆螺絲④轉動螺絲⑤調整前後位置。調整之後檢查間隙和鎖緊螺絲④。(Fig.54, 55)

- 順時間旋轉螺絲⑤會往前。
- 逆時間旋轉螺絲⑤會後後。

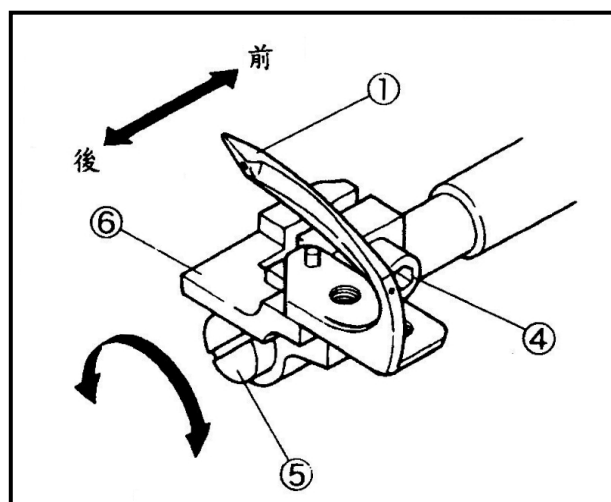


Fig.54

Front-and-rear position of looper and needle:

When the looper① moves from the left to the right, it passes behind the needle. Adjust the position so that the looper comes closely to the needle with the clearance of 0-0.05 mm but without touching them when the looper tip comes at the center of the left needle. Loosen the screw④ and turn the adjusting screw⑤ to adjust it. After adjusting, check the distance and tighten the screw④ securely. (Fig.54,55)

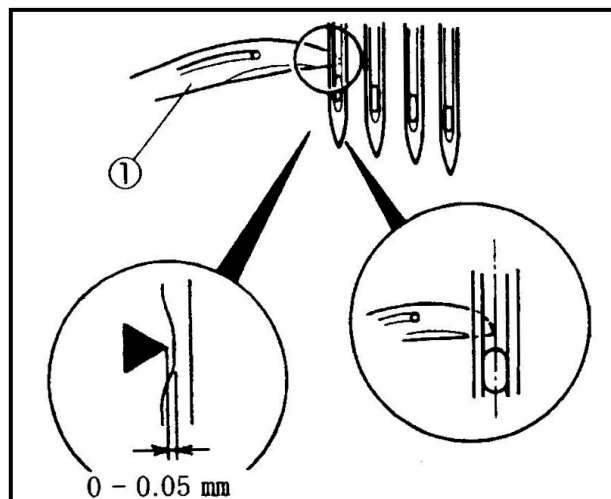


Fig.55

- To move forward, turn the screw⑤ clockwise.
- To move backward, turn the screw⑤ counterclockwise.

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

5 · Adjustments 調節裝置

5.7 前針檔

5.7 Needle guard (front)

當針在左針中間時，推前針檔①，使針和下勾針的間隙為 0mm。放鬆螺絲②去調整它。

當下勾針左移到右時，檢查下勾針③有無碰到針的後面，看針有無左右移動。(Fig.56,57)

Push the needle guard(front) ① so that the clearance between the needle and the looper is 0 mm when the looper tip comes at the center of the left needle.

Loosen the screw② to adjust it.

Check the looper tip touches the back of the needle and the does not swing to the right when the looper③ moves from the left to the right while rotating the handwheel. (Fig.56,57)

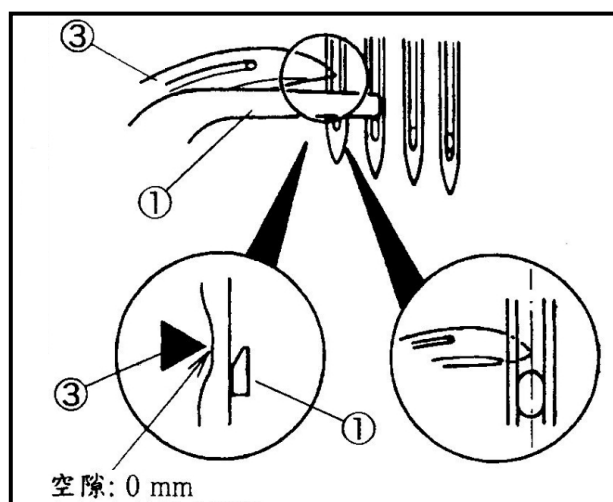


Fig.56

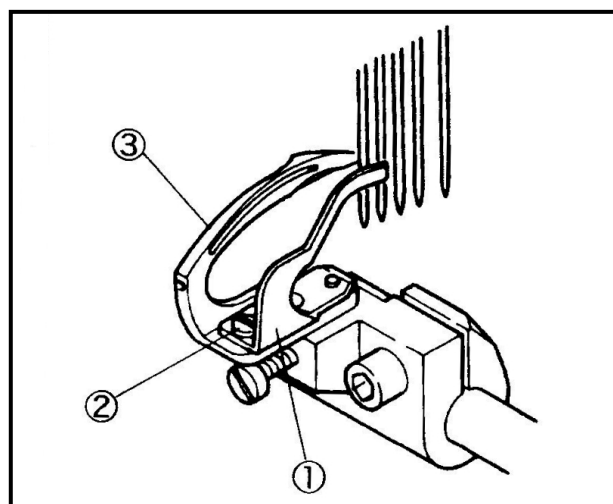


Fig.57

5.8 後針檔

5.8 Needle guard(rear)

當後針檔④和針最靠近的時候，要有 0.05-0.1mm 的間隙。由螺絲⑤去調整。(Fig.58)

當下勾針從左移到右時，後針檔不能碰到針。

Make the standard clearance between the needle guard (rear) ④ and the left needle to 0.05-0.1 mm when they meet most closely. Open the looper cover and loosen the screw⑤ to adjust it. (Fig.58)

Check the needle does not swing to the right while rotating the handwheel.

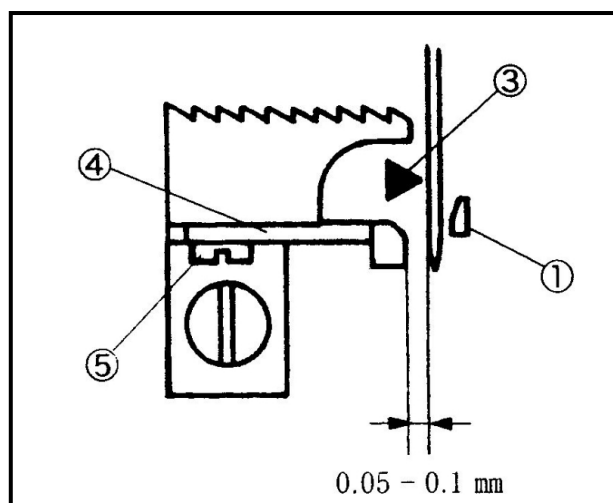


Fig.58

5 · Adjustments 調節裝置

注意：

當有調整針距時，注意後針檔要重新整調。

CAUTION

After changing stitch length, the clearance changes between the needle guard(rear) set on the main feed dog and the needle.

Readjust the position of the needle guard(rear) after changing stitch length.

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor stitch OFF and check that the motor has already stopped.

5.9 狗齒高度

5.9 Height of feed dog

安裝：

固定差動的狗齒和主要狗齒③用螺絲②和④固定後，針檔⑤在主要勾齒上調整時，鬆開螺絲⑥。

(Fig.59)

Fixing :

Fix the differential feed dog① and main feed dog③ with the screw② and ④ respectively.

Fix the needle guard(rear) ⑤ on the main feed dog and tighten it at the most rear position with the screw⑥ slightly. (Fig.59)

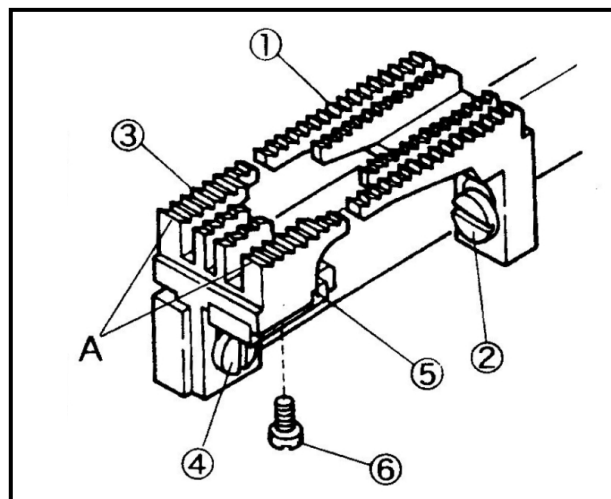


Fig.59

高度：

當狗齒在最高點時，主狗齒③和針板的高度為 1.2-1.5mm，前後狗齒必須保持一樣的高度。(Fig.60)

Height :

Adjust the height from the top of the stitch plate to the part A of the main feed dog③ to 1.2-1.5 mm when the feed dog is at the highest point.

Align the differential feed dog even with the main feed dog. (Fig.60)

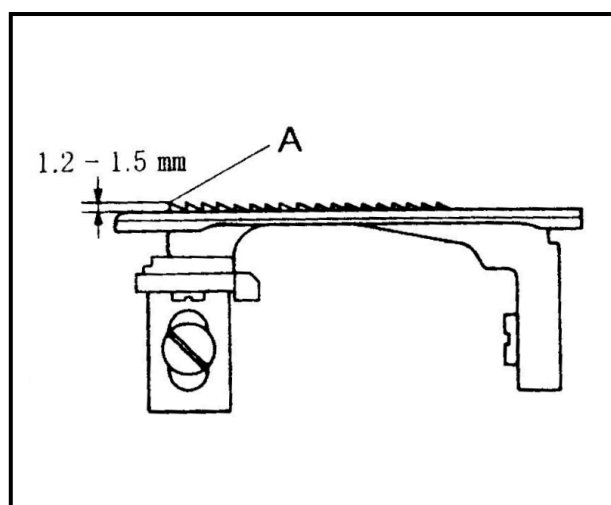


Fig.60

5 · Adjustments 調節裝置

高度微調：

狗齒的高度後調要旋轉偏心銷⑧來控制。(Fig.65)
放鬆螺絲⑦然後調整偏心銷⑧的高低。

- 順時針旋轉偏心銷⑧降低狗齒。
- 逆時針旋轉偏心銷⑧調高狗齒。

Fine adjustment of height :

Make fine adjustment of height of the main and differential feed dogs with the feed bar eccentric pin⑧ near the center of the cylinder.

Loosen the screw⑦ and move the pin⑧ to adjust it.

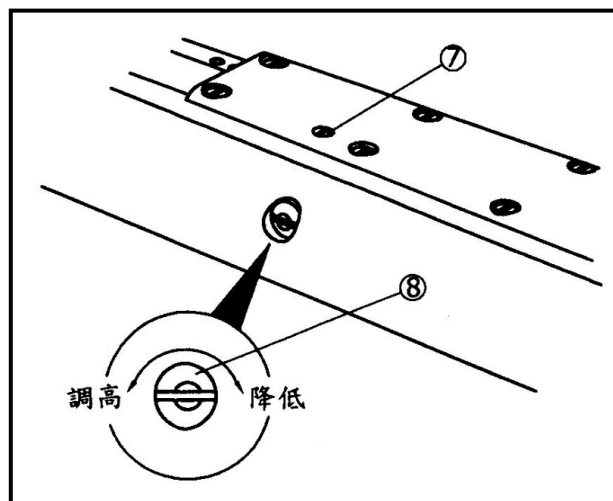


Fig.61

- To lower the feed dog, turn the pin⑧ clockwise.
- To raise the feed dog, turn the pin⑧ counterclockwise.

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor stitch OFF and check that the motor has already stopped.

5.10 置換壓腳

5.10 Replacing presser foot

5.10.1 拆除方法

- (1) 移開所有的針和油塞①。
- (2) 放鬆調整螺帽②然後才鬆開螺絲③。
- (3) 鬆開刀台的螺絲④讓整組刀架鬆開。
- (4) 鬆開刀座連桿⑥的兩螺絲⑦，移除上刀座⑤和上刀。
- (5) 放鬆壓腳螺絲⑧。
- (6) 將針轉到最高點，然後移除調整螺帽②和抽出壓腳柱⑨和壓腳彈簧⑩。
- (7) 推開上勾針驅動片⑪從帶動桿⑫脫離。
- (8) 向左轉，拆下整組壓腳穿過左邊壓腳檔。

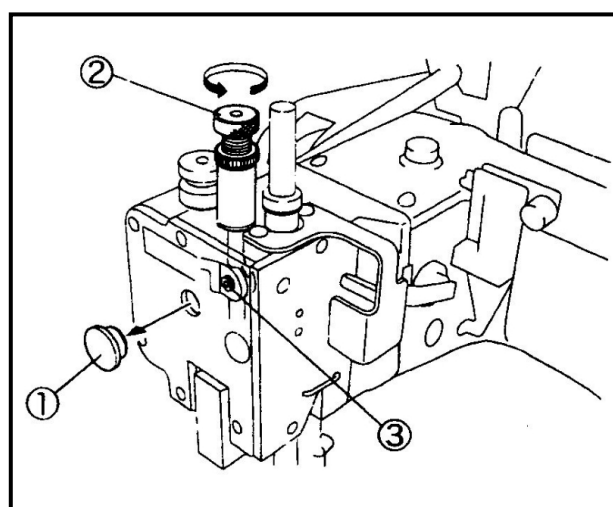


Fig.62

5 · Adjustments 調節裝置

5.10.1 Removing :

- (1) Remove all needles and the seal plug ①.
- (2) Loosen the adjusting screw ② and then the screw ③ of the presser bar connecting bracket.
- (3) Loosen the screws ④ of the knife holder guide collar to be free the complete set including the upper knife, the knife holder, and the knife holder shank.
- (4) Loosen two screws ⑦ of the knife holder bracket ⑥ to remove the knife holder guide collar, c.set ⑤ and the upper knife.
- (5) Loosen the screw ⑧ on the back of the presser Food.
- (6) Rotate the handwheel to raise the needle at the highest point. Remove the adjusting screw ② and keep the presser bar ⑨ and the presser spring ⑩ upward as they come off from the presser foot.
- (7) Remove the carrier/hook driving segment ⑪ from the lever ⑫ on the carrier/hook driving sleeve.
- (8) Turn the presser foot, c.set to the left and remove it through the presser foot guides(left)and(right).

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor stitch OFF and check that the motor has already stopped.

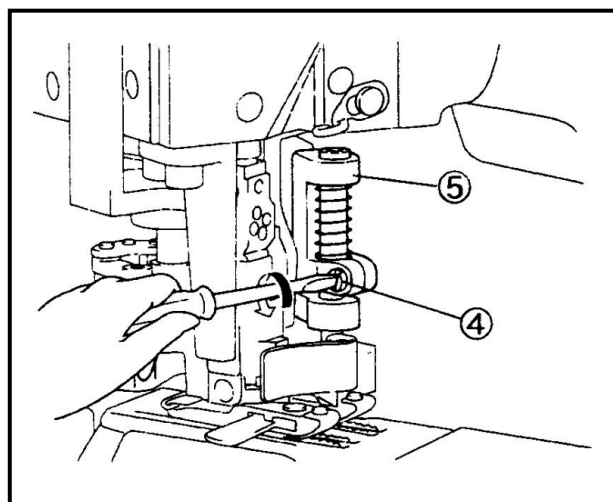


Fig.63

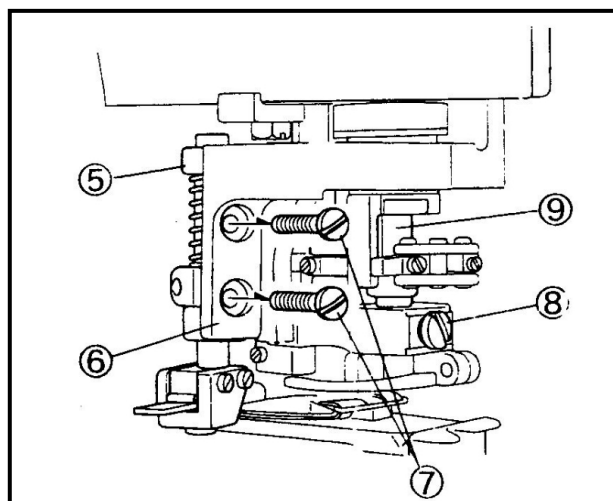


Fig.64

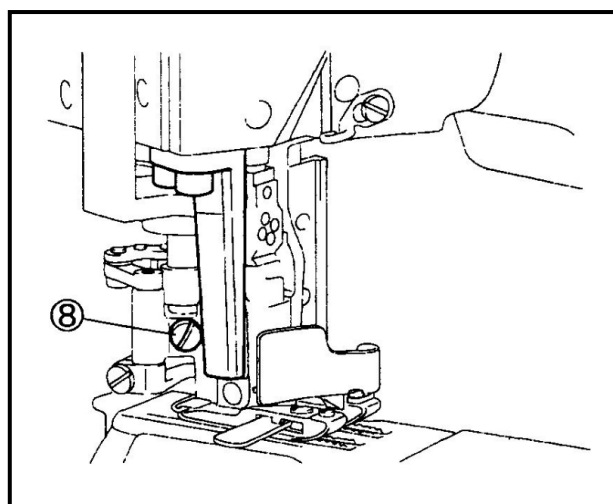


Fig.65

5 · Adjustments 調節裝置

5.10.2 組裝方法

- (1) 拆掉全部的針重新裝上壓腳在左右壓腳檔之間，向右旋轉，放正壓腳。
- (2) 重新裝上上勾針驅動片⑪到帶動桿⑫裡面。
- (3) 安裝壓腳柱插入上勾針驅動片⑪後鎖上壓腳後面的螺絲⑧。
- (4) 檢查壓腳是否順暢沒有左右晃動，如果有卡住，
- (5) 鬆開左壓腳檔⑬的螺絲⑭去調整。
- (6) 重新裝上刀台⑤固定在刀座⑥支撐架上。
- (7) 調整刀台和上刀的位置，當針在最低點的時候。
- (8) 當壓腳緊貼在針上和針在最低點時，重新裝上壓腳彈簧⑩及調整螺帽②，然後輕後的壓下螺絲③並鎖上。
- (9) 裝回油塞①。
- (10) 裝回所有的針。

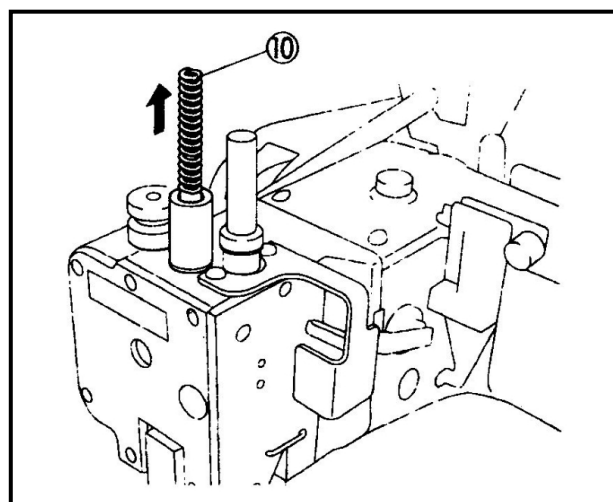


Fig.66

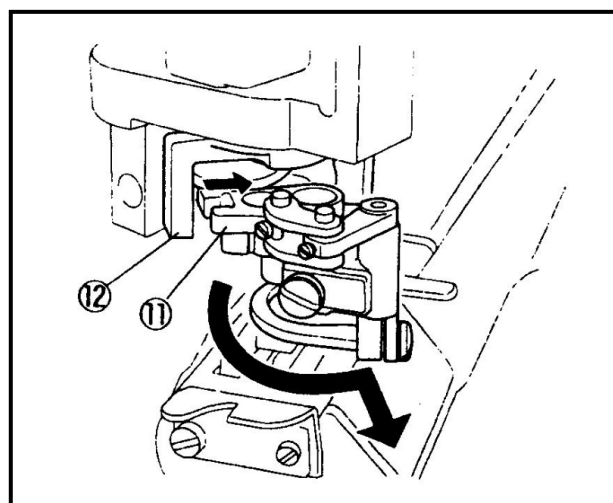


Fig.67

5.10.2 Reseting :

- (1) Remove all needles, Reset the presser foot, c.set between the presser foot guides(left)and (right) while turning ti to the right diagonally from the back.
- (2) Reset the carrier/hook driving segment⑪on the lever⑫on the carrier/hook driving sleeve.
- (3) Insert the presser bar into the carrier/hook driving segment⑪and tighten the screw on the back of the presser foot.
- (4) Check the presser foot moves smoothly without play right and left. If not, loosen the screw⑭of the presser foot guide(left) ⑬to adjust it.
- (5) Reset the knife holder guide collar,c.set⑤and the upper knife on the knife holder bracket⑥with two screws.
- (6) Adjust the positions of the knife holder guide collar and the upper knife when the needle is at the lowest point.

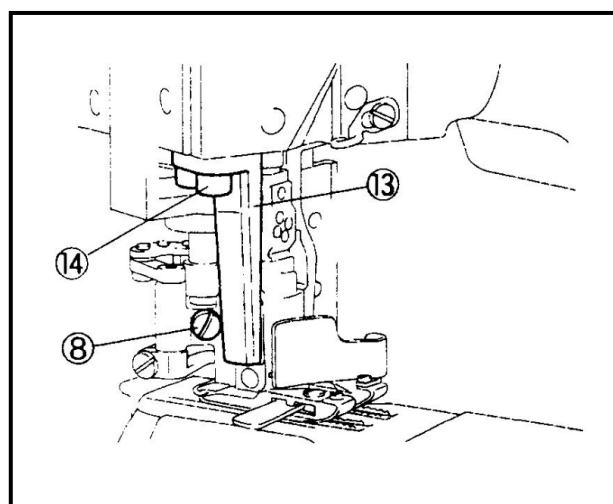


Fig.68

5 · Adjustments 調節裝置

- (7) Reset the adjusting screw ② when the needle is at the lowest point and the presser foot touches closely on the stitch plate. Then tighten the screw ③ of the presser bar connecting bracket while pushing slightly down.
- (8) Reset the seal plug ①.
- (9) Reset all needles.

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor stitch OFF and check that the motor has already stopped.

5.11 置換壓腳彈簧片

5.11 Replacing presser foot spring plate

5.11.1 拆除方法

- (1) 拆掉螺絲 ①。
- (2) 拆掉壓腳彈片 ②。
- (3) 移開彈簧片勾 ③ 才能拿掉彈簧片 ②。

5.11.1 Removing:

- (1) Remove the screw ①.
- (2) Remove the presser foot spring plates ② from the presser foot.
- (3) Remove each plate ② from the spring plate holder ③.

5.11.2 組裝方法

- (1) 重新裝上壓腳彈片 ② 和壓腳彈片勾 ③。
- (2) 每片彈簧片 ② 要對齊壓腳座。
- (3) 鎖上螺絲 ①。

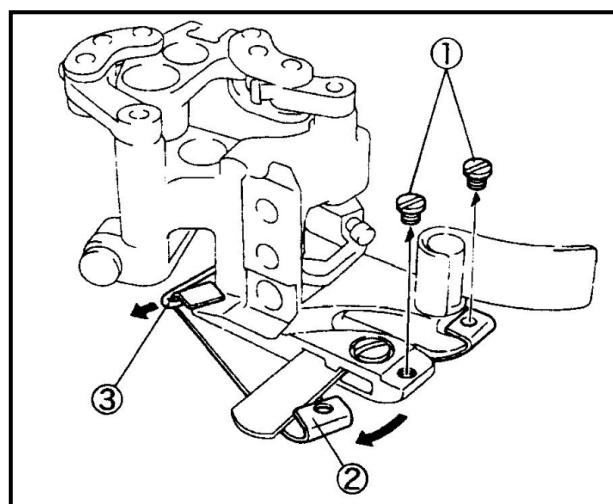


Fig.69

5 · Adjustments 調節裝置

5.11.2 Reseting :

- (1) Reset each presser foot spring plate ② with the spring plate holder ③.
- (2) Reset the plates ② parallel each other on the presser foot ②.
- (3) Tighten the screws ① securely.

注意：

在調整機器之前，一定要先把電源關掉，並確定馬達完全停止。

WARNING

Before adjusting, always turn the motor switch OFF and check that the motor has already stopped.

5.12 置換和調整位置

5.12 Replacing and adjusting knives

5.12.1 上切刀的壓力

- (1) 當針在最高點，上切刀在左邊時壓腳要貼著針板上，上切刀 ① 刀刃要貼合下切刀 ② 的刀刃。
- (2) 刀座 ③ 和壓力彈簧軸環 ④ 之間的標準間隙為 1.0 mm。
- (3) 鬆開螺絲 ⑤ 和移動軸環 ④ 調整壓力。

- 增加壓力往上移動彈簧軸環 ④。
- 減少壓力往下移動彈簧軸環 ④。

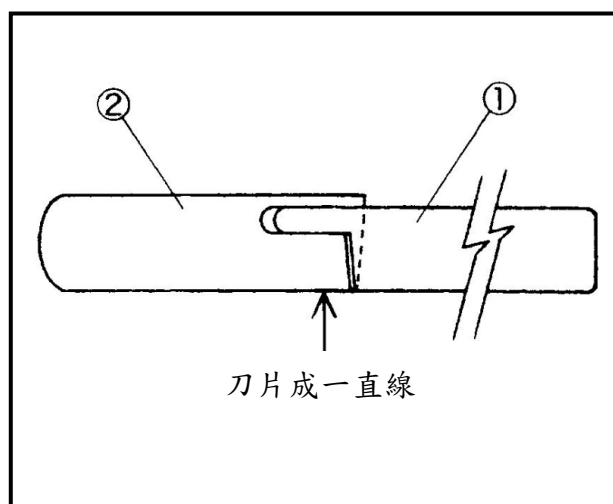


Fig.70

5.12.1 Pressure of upper knife:

- (1) When the needle is at the highest point and the upper knife ① is at the extreme left, the presser foot touches the stitch plate, and the upper knife ① touches the lower knife ② closely.
- (2) The standard clearance between the bearing of the knife holder shank support ③ and the knife holder guide collar ④ is 1.0 mm.
- (3) Loosen the screw ⑤ and move the knife holder guide collar ④ to adjust the pressure.

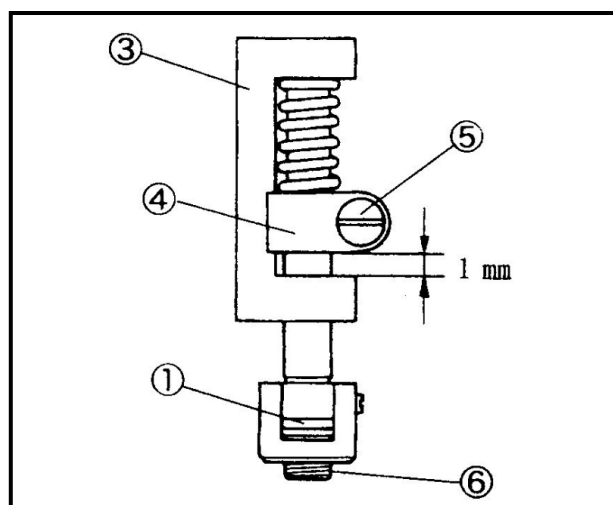


Fig.71

- To increase the pressure, move the collar ④ upward.
- To decrease the pressure, move the collar ④ downward.

5 · Adjustments 調節裝置

註：上刀①和下刀②成一直線時，上刀不能碰到壓腳壁，正確後固定彈簧軸環。

Note: Align the front sides of the upper ① and lower ② knives without touching the upper knife to the presser foot. After check them, fix the knife holder guide collar ④ with the screw.

5.12.2 拆除方法

- (1) 放鬆螺絲⑤和⑥才能拆掉上切刀①。
- (2) 放鬆螺絲⑦才能拆掉下切刀②。

5.12.2 Removing :

- (1) Loosen the screws ⑤ and ⑥ to remove the upper knife ①.
- (2) Loosen the screw ⑦ to remove the lower knife ②.

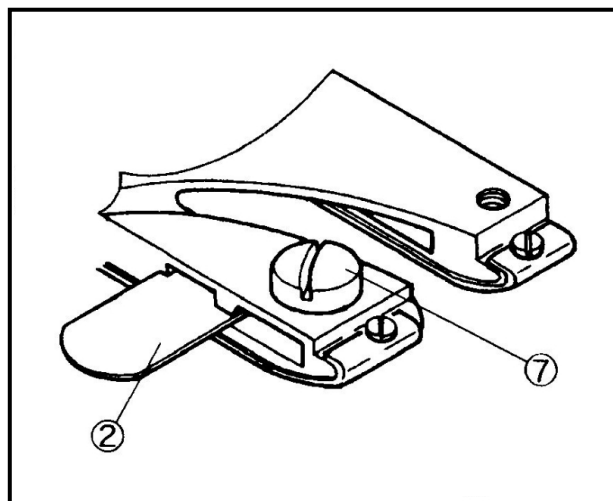


Fig.72

5.12.3 組裝方法

- (1) 重新安裝下切刀②要鎖緊螺絲⑦。
- (2) 重新安裝上切刀①要鎖緊螺絲⑥。

5.12.3 Resetting :

- (1) Reset the lower knife ② with the screw ⑦.
- (2) Reset the upper knife ① with the screw ⑥.

See “5.9 Adjusting lapped width of upper fabric” for engagement of the knives.

5.12.4 上切刀角度之調整

- (1) 拆掉①-⑤的部份，以螺絲⑥去調整刀的角度。
- (2) 重新安裝時要注意插銷⑦有無對準刀座⑧上的孔。

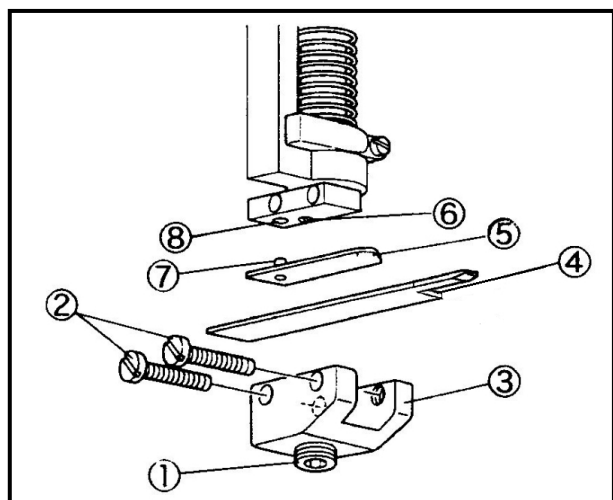


Fig.73

5.12.4 Engaging angle of upper knife to lower knife

- (1) Remove the parts ① - ⑤ in the order and turn the screw ⑥ to adjust it.
- (2) When resetting, check the screw ⑦ is not out from the bottom of the knife support ⑤. Then insert it into the bracket hole ⑧ to tighten.

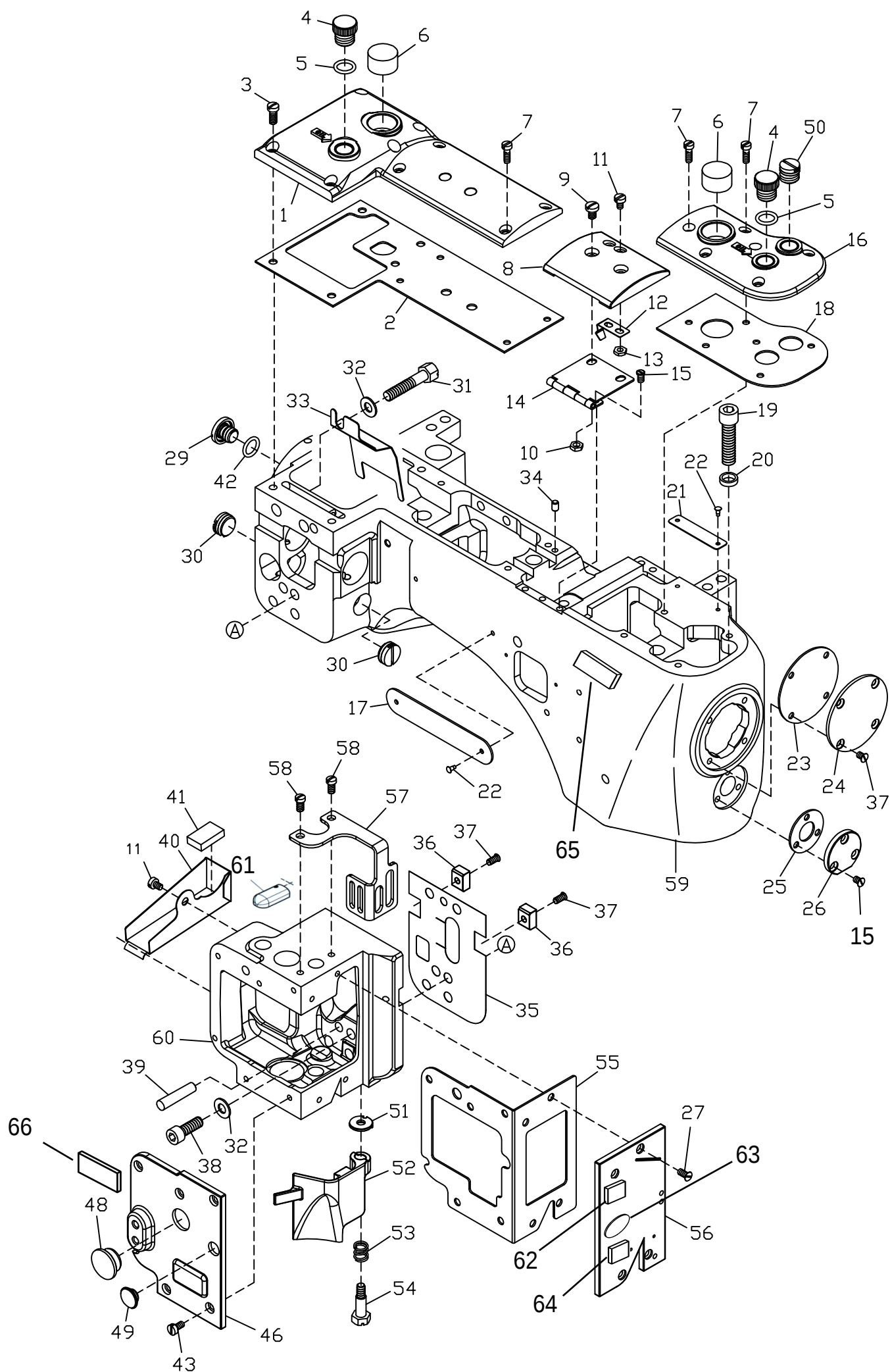
6 · Specifications 規格

機型	LC62D
說明	曲臂型四針六線拼縫機
體積	長 420mm x 寬 300mm x 高 410mm
圓週	針棒下線最小圓週 148mm
工作空間	圓週 210mm
重量	23 公斤（頭部）
車縫速度	最高 3800 R.P.M. ； 普通 2800 R.P.M.
縫距	1.6-2.5mm 每英吋 10-16 針；每 30mm 12-19 針
針型	車針：Organ FLX118GCS ； Groz-Beckert UY118GKS 假針：Organ FLG-1 , FLF-8 ； Groz-Beckert 36211 , 36211A
針距	R：5.2mm S：6.0mm
抬壓腳	01（單切）：最大 8mm 12（雙切）：最大 6mm
送料方式	桿槓原理
差動比	一般差動比：1.0：1.5 反差動比：1.0：0.7
差動送料規則	轉盤
切布刀	特殊鋼材製造
潤滑	自動齒輪幫浦
潤滑油	TELLUS 46
油槽容量	框：約 100cc 筒：約 100cc

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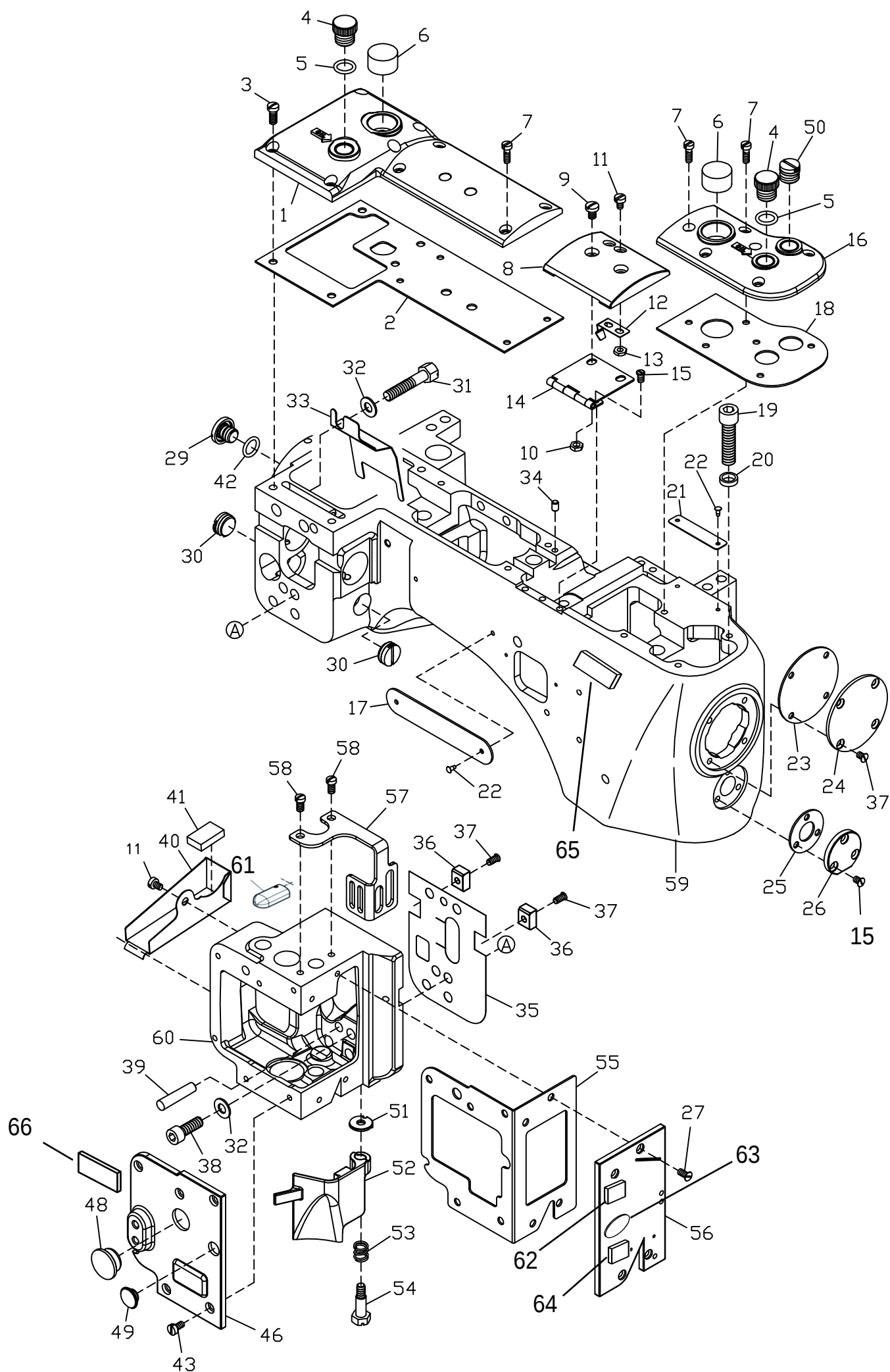


MISCELLANEOUS COVERS (1)

機殼機構 (1)

1

<u>Ref</u>	<u>Parts</u>		<u>Amt</u>
<u>No</u>	<u>No</u>	<u>Description</u>	<u>品 名</u>
1	A0101	Crank Chamber Cover.....	曲軸室上蓋..... 1
2	A0102	Crank Chamber Cover Gasket.....	曲軸室墊片..... 1
3	A0103	Screw(11/64-40x10.5).....	螺絲..... 5
4	A0104	Screw(M12-1.75x9).....	螺絲..... 2
5	A0105	O-ring(P10).....	O型橡膠環..... 2
6	A0106	Oil Sight Top Window.....	上油鏡..... 2
7	A0107	Screw(9/64-40x11).....	螺絲..... 10
8	A0108	Top Cover(Middle).....	上蓋(中)..... 1
9	A1009	Screw(11/64-40x8).....	螺絲..... 2
10	A0110	Nut.....	螺帽..... 2
11	A0111	Screw(9/64-40x5.6).....	螺絲..... 3
12	A0112	Top Cover(Middle) Spring.....	上蓋(中)彈簧..... 1
13	A0113	Nut.....	螺帽..... 2
14	A0114	Top Cover(Middle) Hinge.....	上蓋板(中)活動板..... 1
15	A0238	Screw(9/64-40x8).....	螺絲..... 12
16	A0116	Top Cover(Front).....	上蓋(前)..... 1
17	A0117	Brand Name Sticker.....	銘牌..... 1
18	A0118	Top Cover(Front) Gasket.....	上蓋墊片(前)..... 1
19	A0119	Screw(5/16-24x32).....	螺絲..... 3
20	A0120	Washer.....	墊片..... 3
21	A0121	Serial Number Plate.....	號碼牌..... 1
22	A0122	Rivet.....	鉚釘..... 4
23	A0123	Machine Frame End Cover Gasket.....	防油墊片..... 1
24	A0124	Machine Frame End Cover.....	防油蓋..... 1
25	A0125	Looper Lever Shaft Cover Gasket.....	防油墊片..... 1
26	A0126	Looper Lever Shaft Cover.....	防油蓋..... 1
27	A0127	Screw(9/64-40x8).....	螺絲..... 4
28	A1321	Sewing Head Cover.....	護蓋..... 1
29	A0129	Drain Hole Screw(3/8-24x8).....	螺絲..... 1
30	A0130	Plug Screw(M 14-1x4.8).....	止油螺絲..... 2
31	A0131	Screw(1/4-28x32.5).....	螺絲..... 2
32	A0132	Washer.....	墊片..... 3
33	A0133	Crank Chamber Cover Oil Shield.....	防油鐵片..... 1
34	A0134	Oil Seal Plug.....	橡膠塞..... 1
35	A0135	Sewing Head Oil Defense.....	防油板..... 1
36	A0136	Sewing Head Key.....	機殼固定塊..... 2
37	A0115	Screw(9/64-40x6).....	螺絲.....
38	A0138	Screw(1/4-28x20).....	螺絲..... 1
39	A0139	Pin.....	插銷..... 1
40	A0140	Knife Driving Connection Oil Guard.....	油槽..... 1

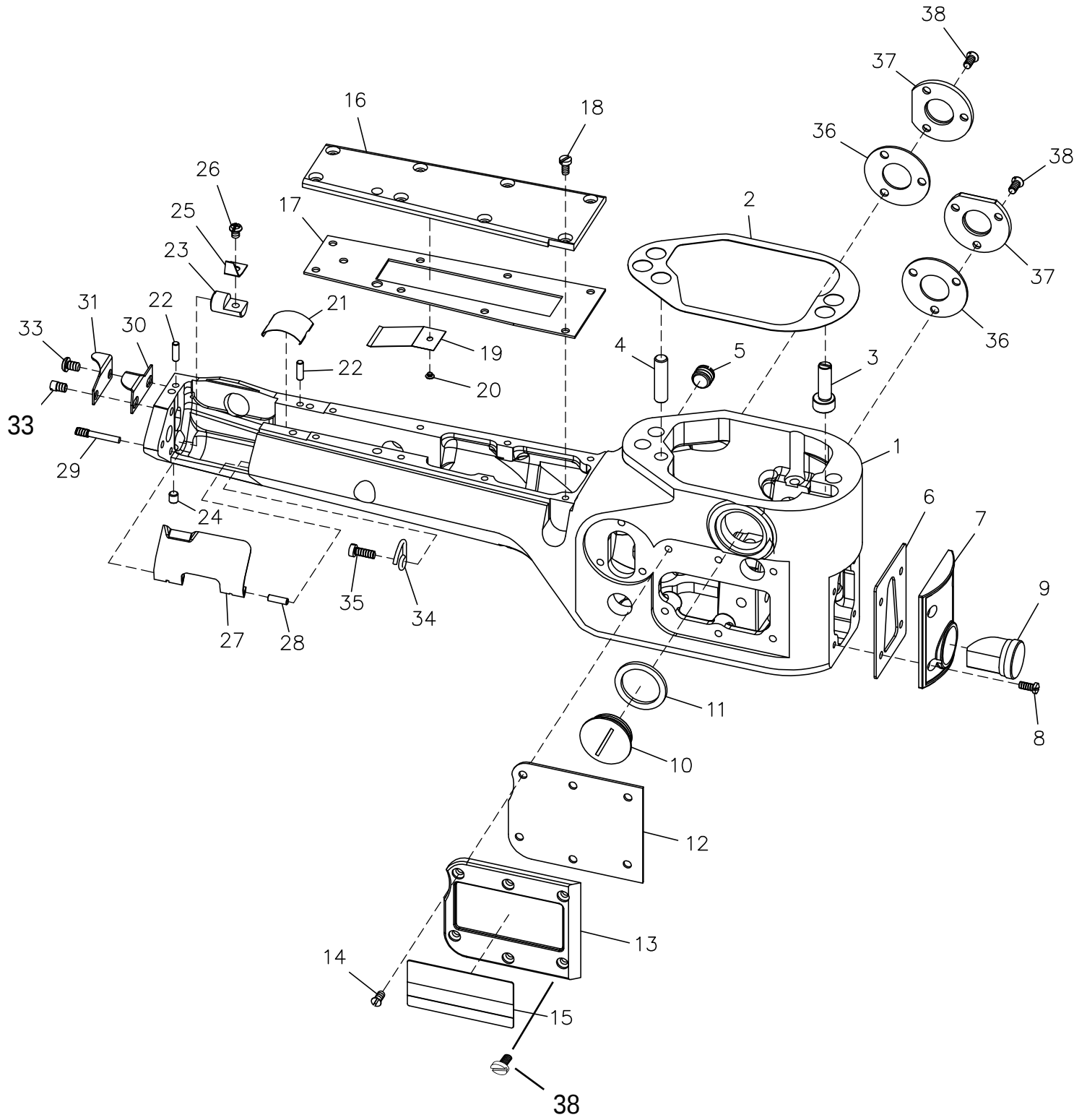


MISCELLANEOUS COVERS (1)

機殼機構(1)

1

<u>Ref</u>	<u>Parts</u>			<u>Amt</u>
<u>No</u>	<u>No</u>	<u>Description</u>	<u>品 名</u>	<u>Req</u>
41	A0141	Knife Driving Connection Felt.....	油棉墊.....	1
42	A0128	O-ring (P10).....	O型橡膠環.....	1
43	A0143	Screw (9/64-40*8).....	螺絲.....	6
44				1
45				1
46	A0146	Sewing Head Cover (Left).....	車頭蓋.....	1
47				1
48	A0148	Seal Plug.....	油塞.....	1
49	A0149	Seal Plug.....	油塞.....	1
50	A0150	Screw (M12-1.75x9).....	螺絲.....	1
51	A0151	Frame Chip Guard Washer.....	墊片.....	1
52	A0152	Frame Chip Guard.....	防護板.....	1
53	A0153	Frame Chip Guard Spring.....	彈簧.....	1
54	A0154	Screw (M5-0.8x8.7).....	螺絲.....	1
55	A0155	Sewing Head Cover Gasket.....	止油墊片.....	1
56	A0156	Sewing Head Cover Gasket (Front).....	車頭前蓋.....	1
57	A0157	Needle Thrad Take-up Guard.....	護蓋.....	1
58	A0158	Screw (M4-0.7x8).....	螺絲.....	2
59	A0159	Machine Frame.....	機殼.....	1
60	A0160	Machine Frame.....	機殼.....	1
61	A0161	Automotive Lighting.....	車燈.....	1
62	A0162	QR Code.....	二維碼.....	1
63	A0163	Needle Identiflcation.....	機針標識.....	1
64	A0164	Warning Signs.....	警告標識.....	1
65	A0165	Safety Label.....	安全標識貼.....	1
66	A0166	Square Plate.....	方形銘牌.....	1

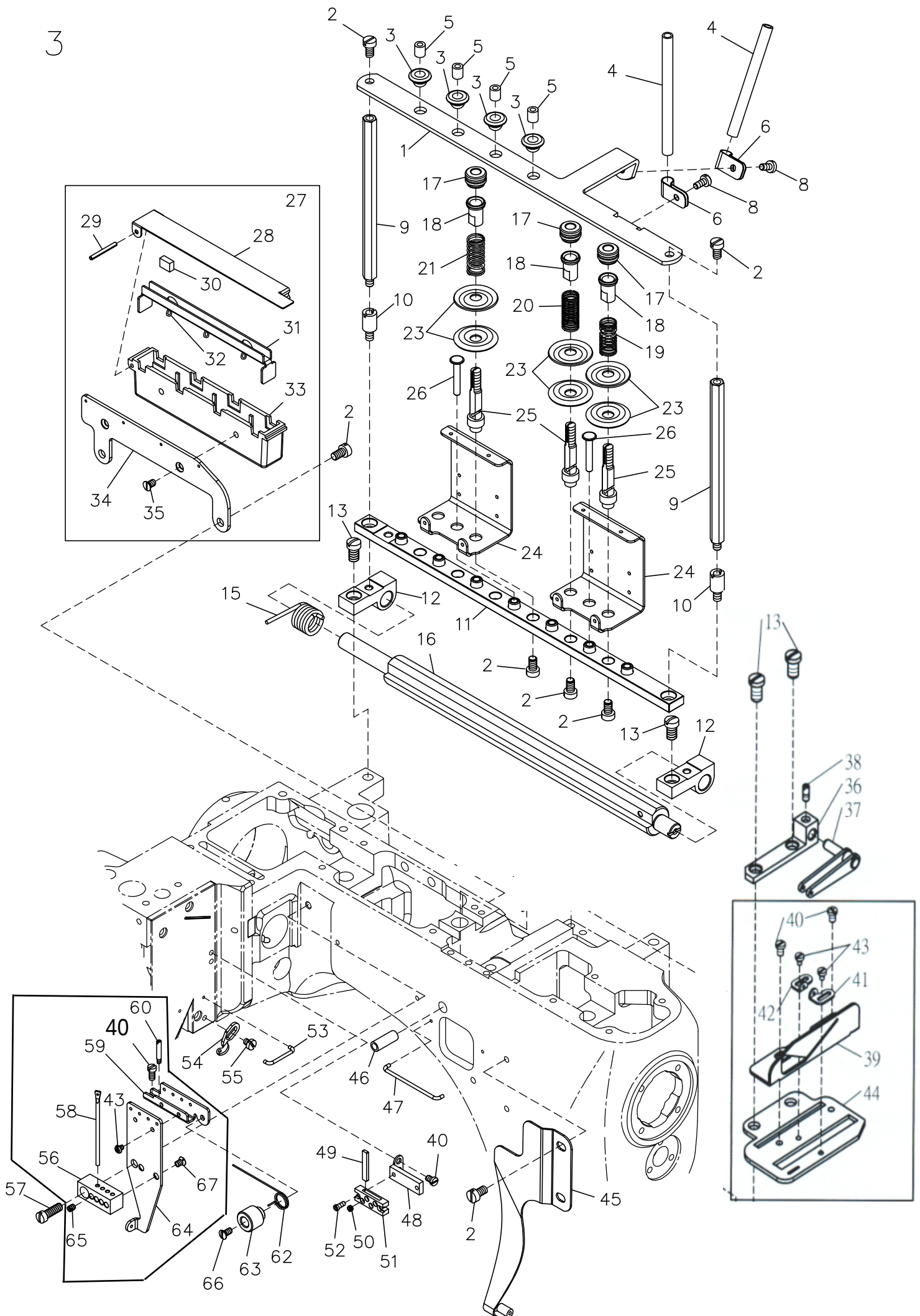


MISCELLANEOUS COVERS (2)

機殼機構(2)

2

<u>Ref</u>	<u>Parts</u>		<u>Amt</u>
<u>No</u>	<u>No</u>	<u>Description</u>	<u>品 名</u>
1	A0201	Sewing Cylinder.....	圓筒部機殼..... 1
2	A0202	Sewing Cylinder Gasket.....	止油銅墊片..... 1
3	A0203	Alignment Pin.....	調節插銷..... 1
4	A0204	Knock Pin.....	頂出銷..... 1
5	A0205	Screw(3/8-24x6).....	螺絲..... 1
6	A0206	Seal Gasket.....	止油墊片..... 1
7	A0207	Cylinder Frame Cover(Front).....	前蓋..... 1
8	A0115	Screw(9/64-40x6).....	螺絲..... 1
9	A0209	Oil Gauge.....	油表..... 1
10	A0210	Screw(M22-1.5x5.8).....	螺絲..... 1
11	A0211	Gasket.....	橡膠墊片..... 1
12	A0212	Seal Gasket.....	止油墊片..... 1
13	A0213	Cylinder Frame Cover(Left).....	左蓋..... 1
14	A0137	Screw(9/64-40x7).....	螺絲..... 6
15	A0215	Model Plate.....	型號銘牌..... 1
16	A0216	Cylinder Frame Cover(Upper).....	上蓋..... 1
17	A0217	Seal Gasket.....	止油墊片..... 1
18	A0218	Screw(1/8-44x6.5).....	螺絲..... 8
19	A0219	Dust Defender(Upper).....	防塵蓋(上)..... 1
20	A0220	Screw(3/32-56x1.7).....	螺絲..... 1
21	A0221	Dust Defender(Lower).....	防塵蓋(下)..... 1
22	A0222	Pin.....	插銷..... 2
23	A0223	Looper Cover Spring Support.....	彈簧片座..... 1
24	A0508	Screw(11/64-40x4).....	螺絲..... 1
25	A0225	Looper Cover Spring.....	下勾針蓋彈簧片..... 1
26	A0226	Screw(9/64-40x4.7).....	螺絲..... 1
27	A0227	Lopper Cover.....	下勾針蓋..... 1
28	A0228	Pin.....	插銷..... 1
29	A0229	Screw(9/64-40x6).....	螺絲..... 1
30	A0230	Chain-off Cutting Knife.....	割刀..... 1
31	A0231	Chain-off Cutting Knife Guard.....	割刀固定片..... 1
32			
33	A0115	Screw(9/64-40*6).....	螺絲..... 2
34	A0234	Looper Thread Guide Wire.....	過線圈..... 1
35	A0143	Screw(9/64-40x7).....	螺絲..... 1
36	A0236	Feed Drive Shaft Cover Gasket.....	止油墊片..... 2
37	A0237	Feed Drive Shaft Cover.....	止油蓋..... 2
38	A0238	Screw(9/64-40x8).....	螺絲..... 12

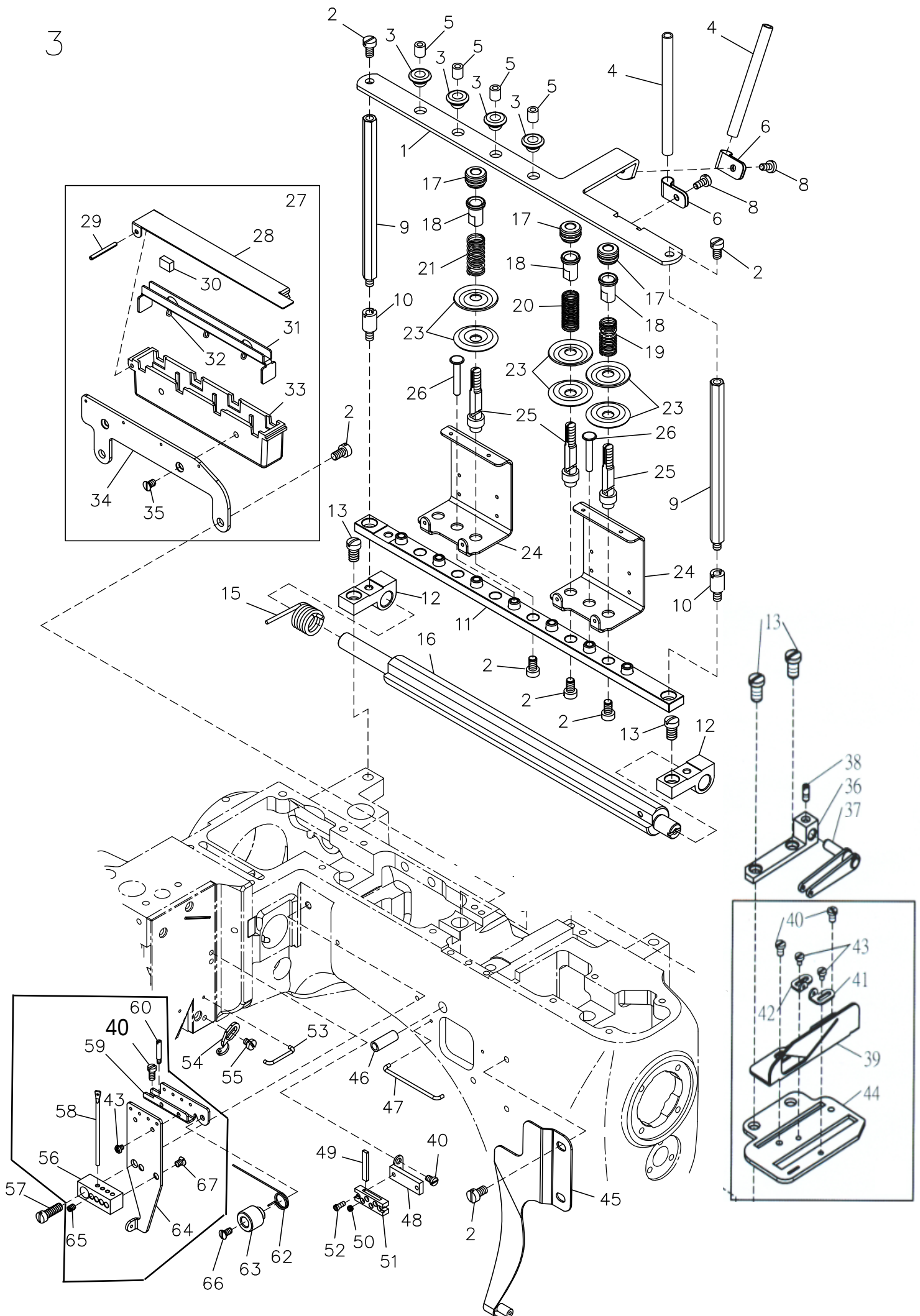


MISCELLANEOUS THREAD EYELETS

過線機構

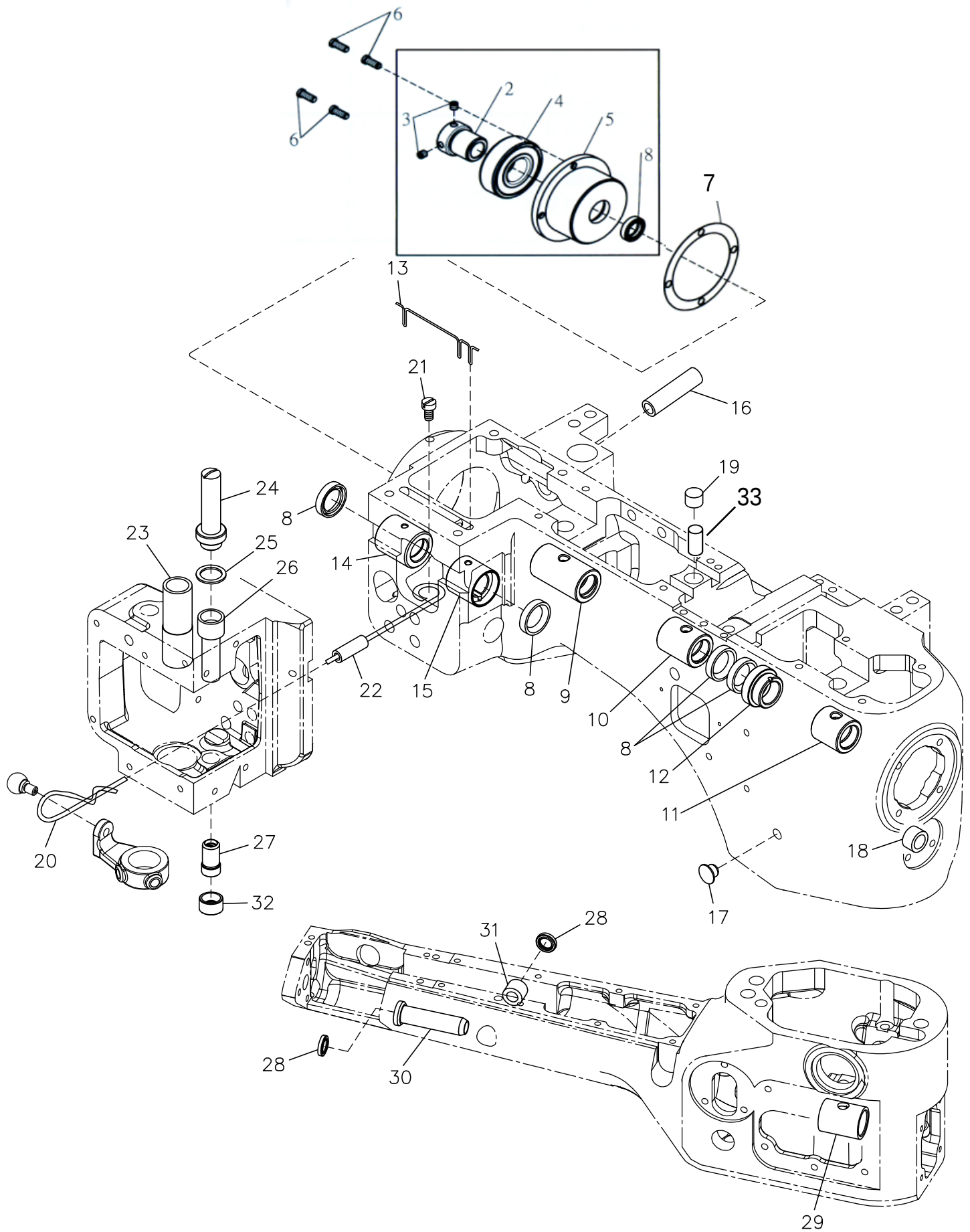
3

<u>Ref</u>	<u>Parts</u>		<u>Amt</u>
<u>No</u>	<u>No</u>	<u>Description</u>	<u>品 名</u> <u>Req</u>
1	A0301	Thread Guide Plate.....	線架板..... 1
2	A1009	Screw (11/64-40x8).....	螺絲..... 12
3	A0303	Thread Evelet Bushing.....	過線孔套..... 4
4	A0304	Thread Pipe (Long).....	過線管 (長)..... 2
5	A0305	Thread Evelet.....	過線孔..... 4
6	A0306	Thread Pipe Stav.....	管束..... 2
7			
8	A0158	Screw(M4-0.7x8).....	螺絲..... 2
9	A0309	Thread Guide Plate Support.....	線架板支撐棒..... 2
10	A0310	Screw (11/64-40x7).....	螺絲..... 2
11	A0311	Thread Tension Support.....	上線張力固定座..... 1
12	A0312	Thread Tension Support Bracket.....	上線張力固定座支架..... 2
13	A0313	Screw (7/32-32x9.5).....	螺絲..... 4
14			
15	A0315	Tension Release shaft spring.....	張力釋放軸彈簧..... 1
16	A0316	Tension Release Shaft.....	張力釋放軸..... 1
17	A0317	Nut.....	彈簧調整扭..... 6
18	A0318	Tension Spring Bushing.....	張力彈簧調整固定軸..... 6
19	A0319	Looper Thread Tension Spring.....	下勾針張力彈簧..... 1
20	A0320	Top Cover Thread Tension Spring.....	上飾線張力彈簧..... 1
21	A0321	Needle Thread Tension Spring.....	針線張力彈簧..... 4
22			
23	A0323	Thread Tension Disc.....	張力調整盤..... 12
24	A0324	Thread Tension Disc Evelet.....	張力調整過線架..... 3
25	A0325	Tension Post(Short).....	張力彈簧支柱 (短)..... 6
26	A0326	Tension Release Pin.....	張力釋放插銷..... 7
27	A0327	SPDevice.C.Set.....	針線吸油組..... 1
28	A0328	Oil Cup Lip.....	矽油儲存槽蓋..... 1
29	A0329	Hinge Pin.....	鉸鏈插銷..... 1
30	A0330	SP Felt.....	SP吸油氈..... 4
31	A0331	SP Felt Stav.....	SP吸油氈支柱..... 1
32	A0332	Oil Wick.....	油芯..... 1
33	A0333	SP Container.....	矽油儲存槽..... 1
34	A0334	SP Container Support.....	矽油儲存槽固定座..... 1
35	A0127	Screw(9/64-40x8).....	螺絲..... 2
36	A0336	Thread Take-up Evelet Holder.....	提線杆托架..... 1
37	A0337	Thread Take-up Evelet.....	提線杆..... 1
38			
39	A0339	Looper Thread Take-up Guide.....	下勾針提線杆護架..... 1
40	A0340	Screw(1/8-44x4.5).....	螺絲..... 5



MISCELLANEOUS THREAD EYELETS過線機構3

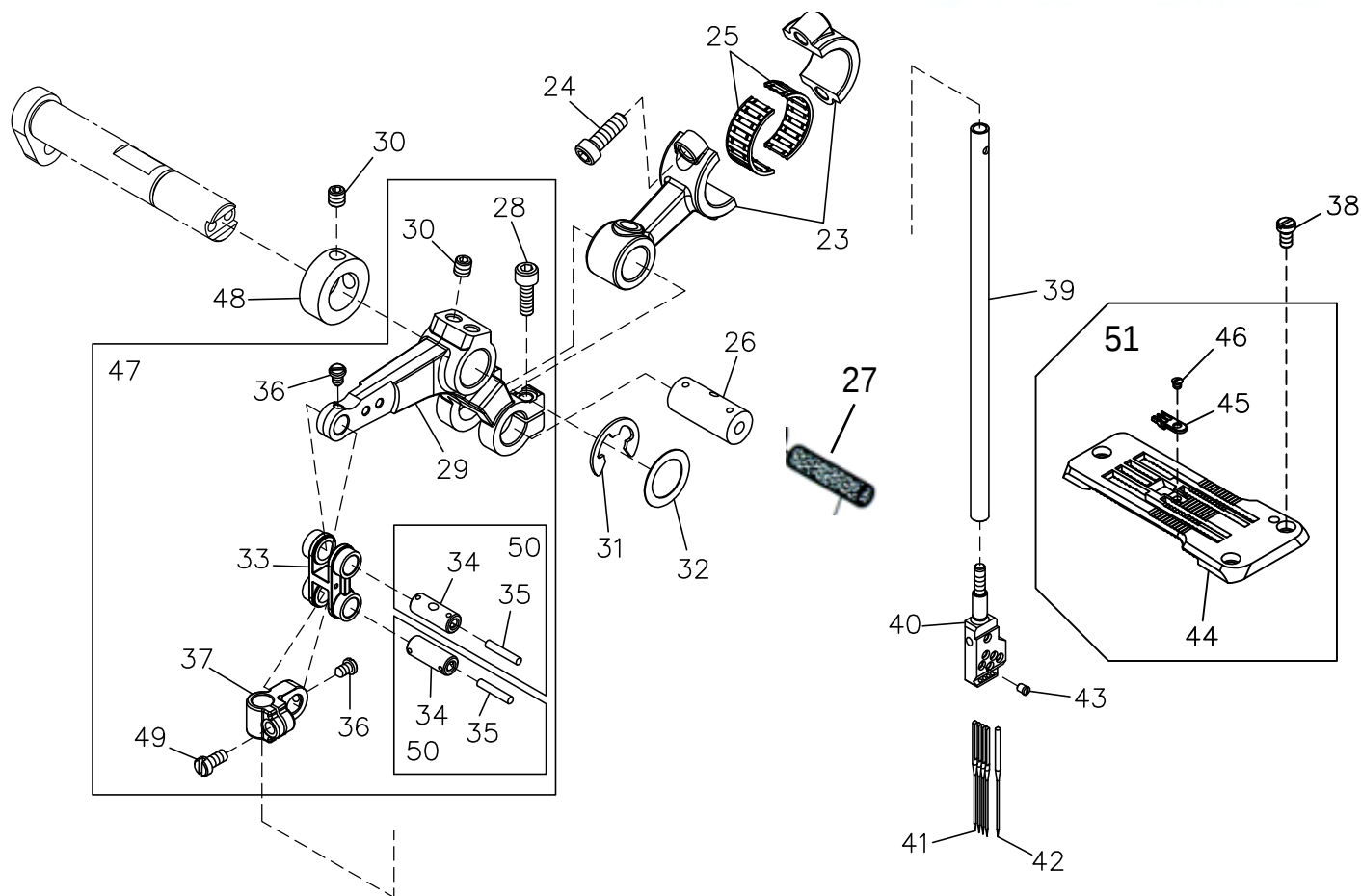
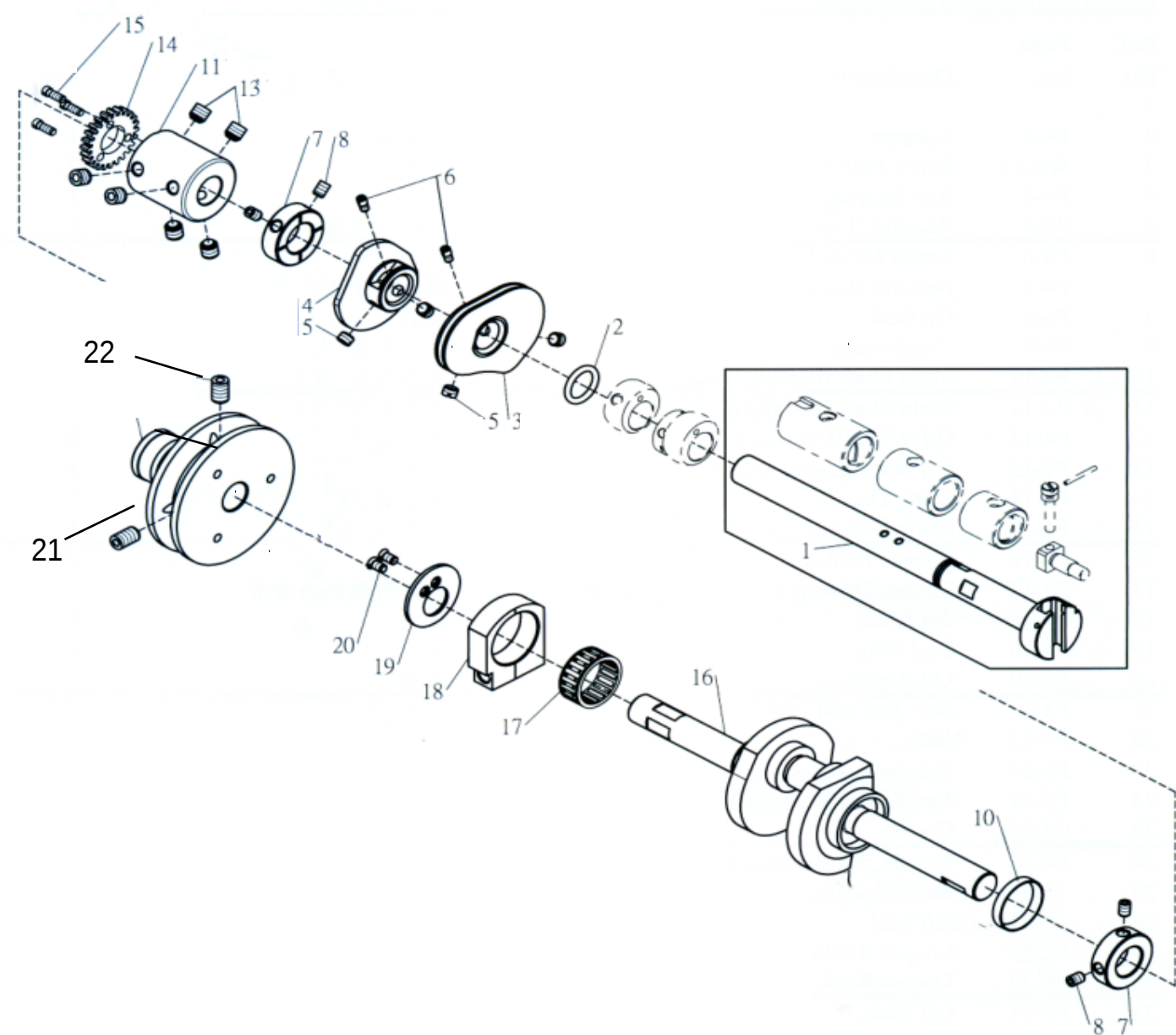
<u>Ref</u>	<u>Parts</u>			<u>Amt</u>
<u>No</u>	<u>No</u>	<u>Description</u>	<u>品 名</u>	<u>Req</u>
41	A0341	Looper Thread Take-up Evelet (Front).....	下勾針提線杆 (前).....	1
42	A0342	Looper Thread Take-up Evelet (Rear).....	下勾針提線杆 (後).....	1
43	A0343	Screw (3/32-56x3.5).....	螺絲.....	4
44	A0344	Evelet Supporting Plate.....	提線杆固定板.....	1
45	A0345	Looper Thread Guard.....	下勾針線導架.....	1
46	A0346	Top Cover Thread Pipe.....	上飾線過線導管.....	1
47	A0347	Looper Thread Guide Wire (Unner).....	下勾針線導架金屬線.....	1
48	A0348	Needle Thread St rike-off Pin Hol der Plate.....	過線張力固定板.....	1
49	A0349	Needle Thread Strike-off Pin.....	過線張力調整片.....	4
50	A0350	Screw (1/8-44x2).....	螺絲.....	4
51	A0351	Needle Thread Strike-off Pin Holder Bracket.....	過線張力因定架.....	1
52	A0352	Screw (3/32-56x6).....	螺絲.....	2
53	A0353	Needle Thread Guide Wire.....	針線導架金屬線.....	1
54	A0354	Head Cover Thread Evelet.....	上飾線過線片.....	1
55	A0355	Screw (1/8-44x4.5).....	螺絲.....	1
56	A0356	Needle Thread Evelet Holder.....	針線張力調整杆座.....	1
57	A0357	Screw (11/64-40x12).....	螺絲.....	1
58	A0358	Needle Thread Evelet.....	針線張力調整杆.....	4
59	A0359	Stitch Unlocker Mounting Bracket.....	跳線彈簧架.....	1
60	A0360	Screw (3/32-56x3).....	螺絲.....	1
61				1
62	A0362	Stitch Unlocking Spring.....	跳線彈簧.....	1
63	A0363	Stitch Unlocking Sprinp Holder.....	跳線彈簧調整固定鉗.....	1
64	A0364	Needle Bracket.....	過線支撐架.....	1
65	A0365	Screw (1/8-44x4).....	螺絲.....	4
66	A0515	Screw(1/8-44x7.5).....	螺絲.....	1
67	A0367	Screw (1/8-44x4.3).....	螺絲.....	2



MISCELLANEOUS BUSHINGS套管機構4

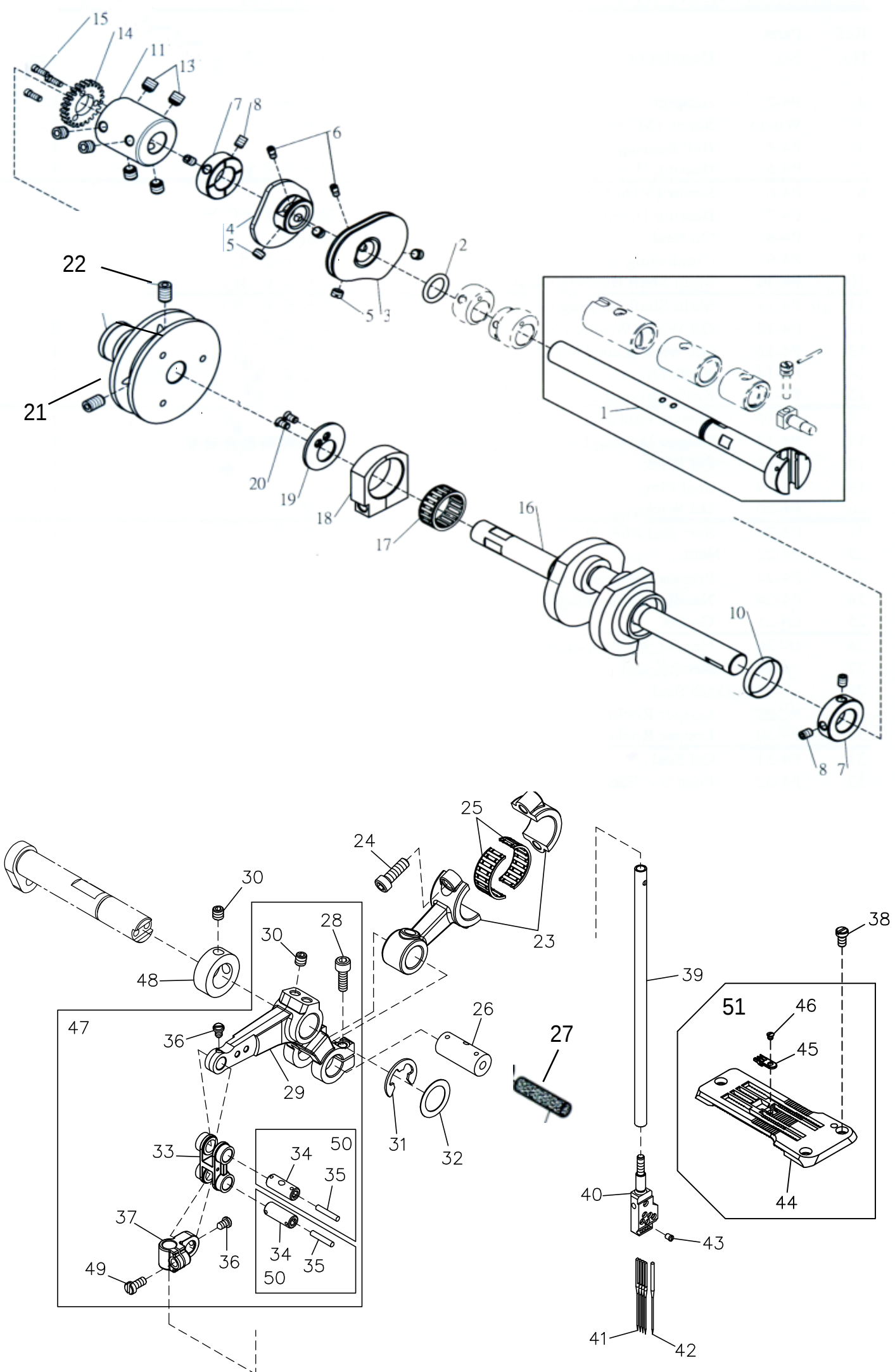
<u>Ref</u>	<u>Parts</u>			<u>Amt</u>
<u>No</u>	<u>No</u>	<u>Description</u>	<u>品 名</u>	<u>Req</u>
1	A0401	Adapter, C. Set.....	軸承組.....	1
2	A0402	Adapter.....	軸承軸心.....	1
3	A0403	Screw(M5-0.8x 8).....	螺絲.....	2
4	A0404	Ball Bearing.....	軸承.....	1
5	A0405	Bearing Housing.....	軸承固定室.....	1
6	A0406	Screw(3/16-32x11.5).....	螺絲.....	3
7	A0407	Oil Proof Pad.....	防油墊.....	2
8	A0408	Oil Seal.....	油封.....	5
9	A0409	Main Shaft Bushing.....	主軸套管.....	1
10	A0410	Main Shaft Bushing.....	主軸套管.....	1
11	A0411	Main Shaft Bushing.....	主軸套管.....	1
12	A0412	Main Shaft Bushing.....	主軸套管.....	1
13	A0413	Oil Wick(Laced Wire)).....	油芯.....	1
14	A0414	Knife Driving Lever Bushing(Rear).....	銅套管(後).....	1
15	A0415	Knife Driving Lever Bushing(Front).....	銅套管(前).....	1
16	A0416	Presser Foot Lifter Stop Plunger Bushing.....	襯套.....	1
17	A0417	Seal Plug.....	油塞.....	1
18	A0418	Bushing.....	襯套.....	1
19	A0419	Plug.....	塞頭.....	1
20	A0420	Oilseed Cotton.....	油棉.....	1
21	A1009	Screw(11/64-40x8).....	螺絲.....	1
22	A0422	Plastic Pipe.....	塑膠管.....	1
23	A0423	Presser Bar Bushing.....	壓腳套管.....	1
24	A0424	Needle Bar Bushing(Upper) Lid.....	針柱套管(上)蓋.....	1
25	A0425	Gasket.....	墊片.....	1
26	A0426	Needle Bar Bushing(Upper).....	針柱套管(上).....	1
27	A0427	Needle Bar Bushing(Lower).....	針柱套管(下).....	1
28	A0428	Oil Seal.....	油封.....	2
29	A0429	Looper Rocker Shaft Bushing(Front).....	下勾針搖杆軸套管(前).....	1
30	A0430	Looper Rocker Shaft Bushing(Rear).....	下勾針搖杆軸套管(後).....	1
31	A0431	Feed Bar Eccentric Pin Bushing.....	送料具偏心銷套管.....	1
32	A0432	Oil Seal.....	油封.....	1
33	A0433	Oil Core.....	油芯.....	3

5



Ref	Parts			Amt
No	No	Description	品 名	Req
1	A0501	Oil Seal.....	油封.....	1
2	A0502	Oil Seal.....	油封.....	1
3	A0503	Looper Thread Take-Up.....	底線提線凸輪.....	2
4	A0504	Top Cover Thread Take-Up.....	上飾線提線凸輪.....	1
5	A0505	Screw(3/16-32x3.7).....	螺絲.....	2
6	A0506	Screw(1/8-44x4).....	螺絲.....	1
7	A0507	Collar.....	軸環.....	2
8	A0508	Screw(11/64-40x6).....	螺絲.....	4
9	A0338	Screw(M4-0.7x 4).....	螺絲.....	4
10	A0510	Screw(M3-0.5x 10).....	螺絲.....	2
11	A0511	Main Shaft Coupling.....	主軸連接套.....	1
12	A0512	Screw(1/4-28x8.3).....	螺絲.....	2
13	A0513	Screw(1/4-28x6.4).....	螺絲.....	4
14	A0514	Pump Driving Gear.....	泵浦九齒.....	1
15	A0515	Screw(1/8-44x7.5).....	螺絲.....	3
16	A1307	Crankshaf.....	曲軸.....	1
17	A0517	Needle Bearing.....	滾針軸承.....	1
18	A0518	Thread Carrier and Hook Driving Rod(Right).....	驅動刀組連杆軸承套.....	1
19	A0519	Needle Bearing Retaining Plate.....	滾針軸承扣板.....	1
20	A0238	Screw(9/64-40x6).....	螺絲.....	2
21	A0521	Handwheel.....	手輪.....	1
22	A0522	Screw(1/4-28*10).....	螺絲.....	2
23	A0523	Needle Bar Connecting Rod.....	針柱連杆.....	1
24	A0524	Screw(3/16-32x14).....	螺絲.....	2
25	A0525	Needle Bearing.....	滾針軸承.....	1
26	A0526	Needle Bar Lever Connecting Rod Pin.....	針柱杠杆連杆插銷.....	1
27	A0527	Oil Core.....	油芯.....	1
28	A0704	Screw(9/64-40x10).....	螺絲.....	2
29	A0529	Needle Bar Lever.....	針柱杠杆.....	4
30	A0530	Screw(M5-0.8x5).....	螺絲.....	1
31	A0531	Retaining Ring.....	C形扣環.....	1
32	A0532	Thrust Ring.....	墊片.....	1
33	A0533	Needle Bar Connecting Link.....	針柱連杆.....	1
34	A0534	Needle Bar Connecting Link Pin.....	針柱連杆插銷.....	2
35	A0535	Oil Wick.....	吸油繩.....	2
36	A0536	Screw(1/8-44x4.5).....	螺絲.....	2
37	A0537	Needle Bar Connecting Bracket.....	針柱連結架.....	1
38	A0538	Screw(9/64-40x6.5).....	螺絲.....	3
39	A0539	Needle Bar.....	針柱.....	1
40	A0540	Needle Clamp.....	針齧.....	1

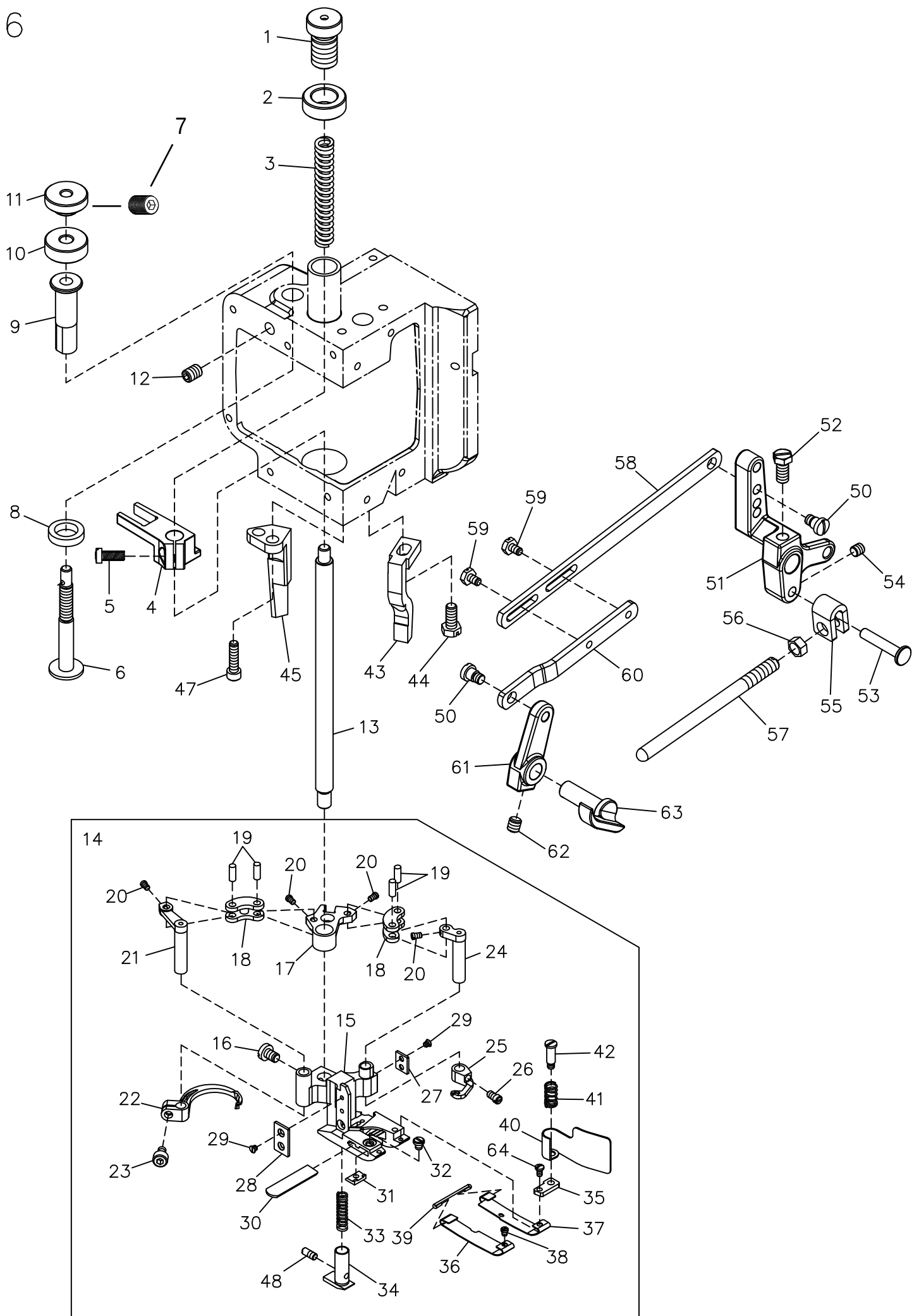
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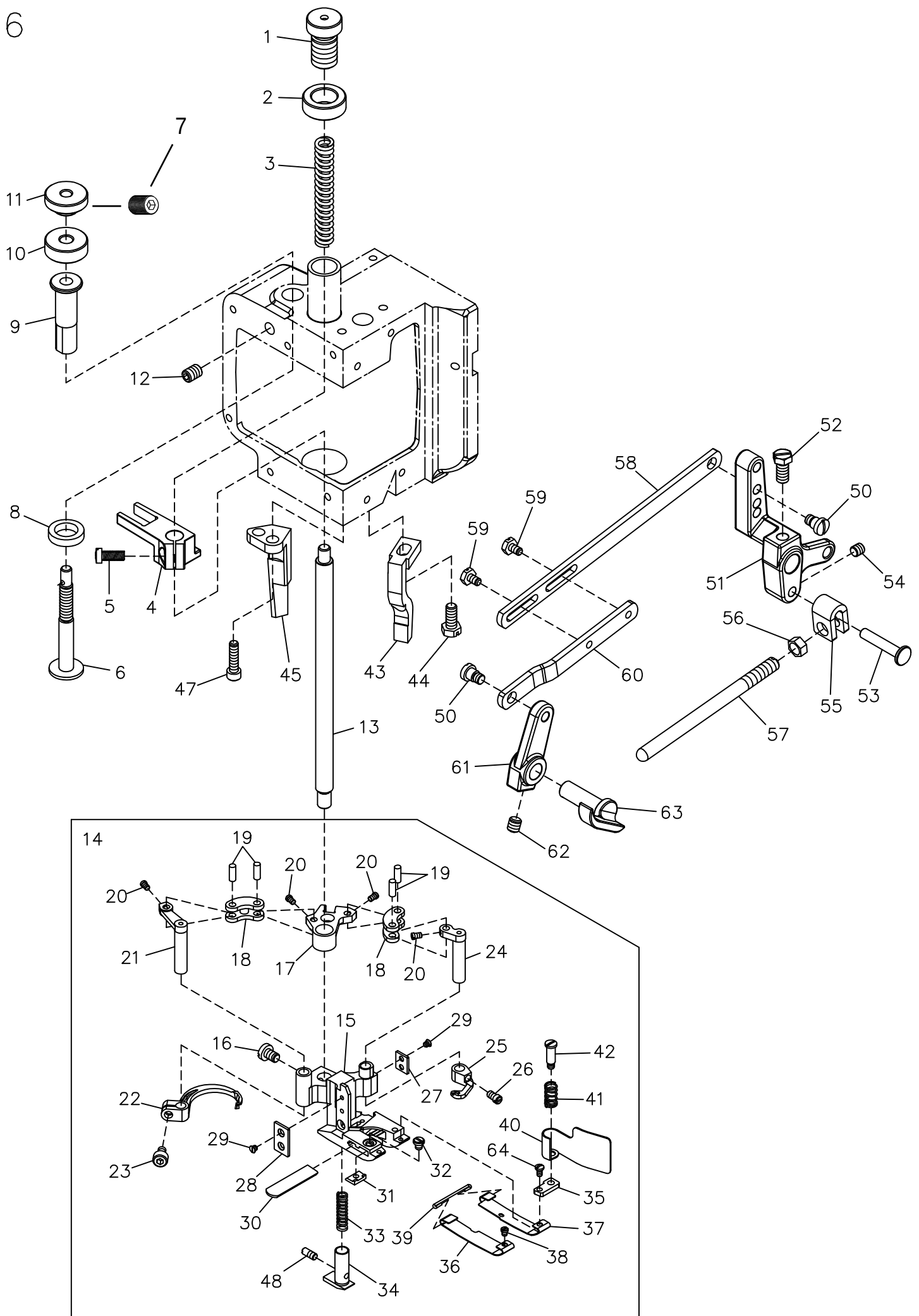
MAIN SHAFT DEIVING MECHANISM

上主軸與針棒機構 5

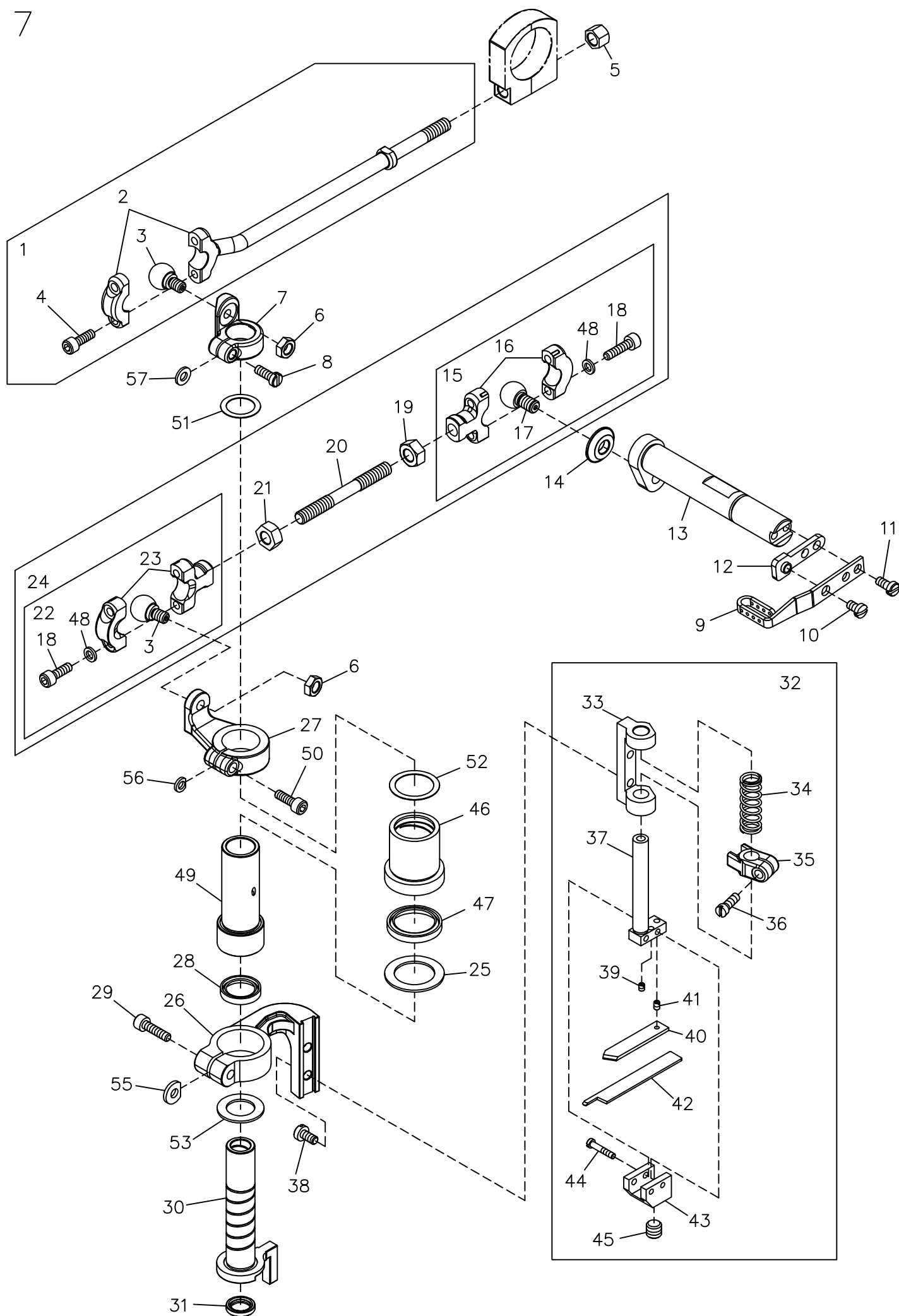
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<u>No</u>	<u>No</u>	<u>Description</u>	<u>品 名</u>	<u>Req</u>
41	A0541	Needle.....	擊金.....	4
42	A0542	Retainer.....	假針.....	1
43	A0543	Screw(3/32-56x2.5).....	螺絲.....	5
44	A0544	Stitch Plate.....	針板.....	1
45	A0545	Stitch Plate Tongue.....	針板舌片.....	1
46	A0546	Screw(3/32-56x2.8).....	螺絲.....	1
47	A0547	Needle Bar Lever, C. Set.....	針柱杠杆組.....	1
48	A0548	Collar.....	軸環.....	1
49	A0143	Screw(9/64-40*8).....	螺絲.....	1
50	A0550	Needle Bar Connecting Link Pin, C. Set.....	針柱連杆插銷組.....	2
51	A0551	Stitch Plate, C. Set.....	針板組(單切52).....	1



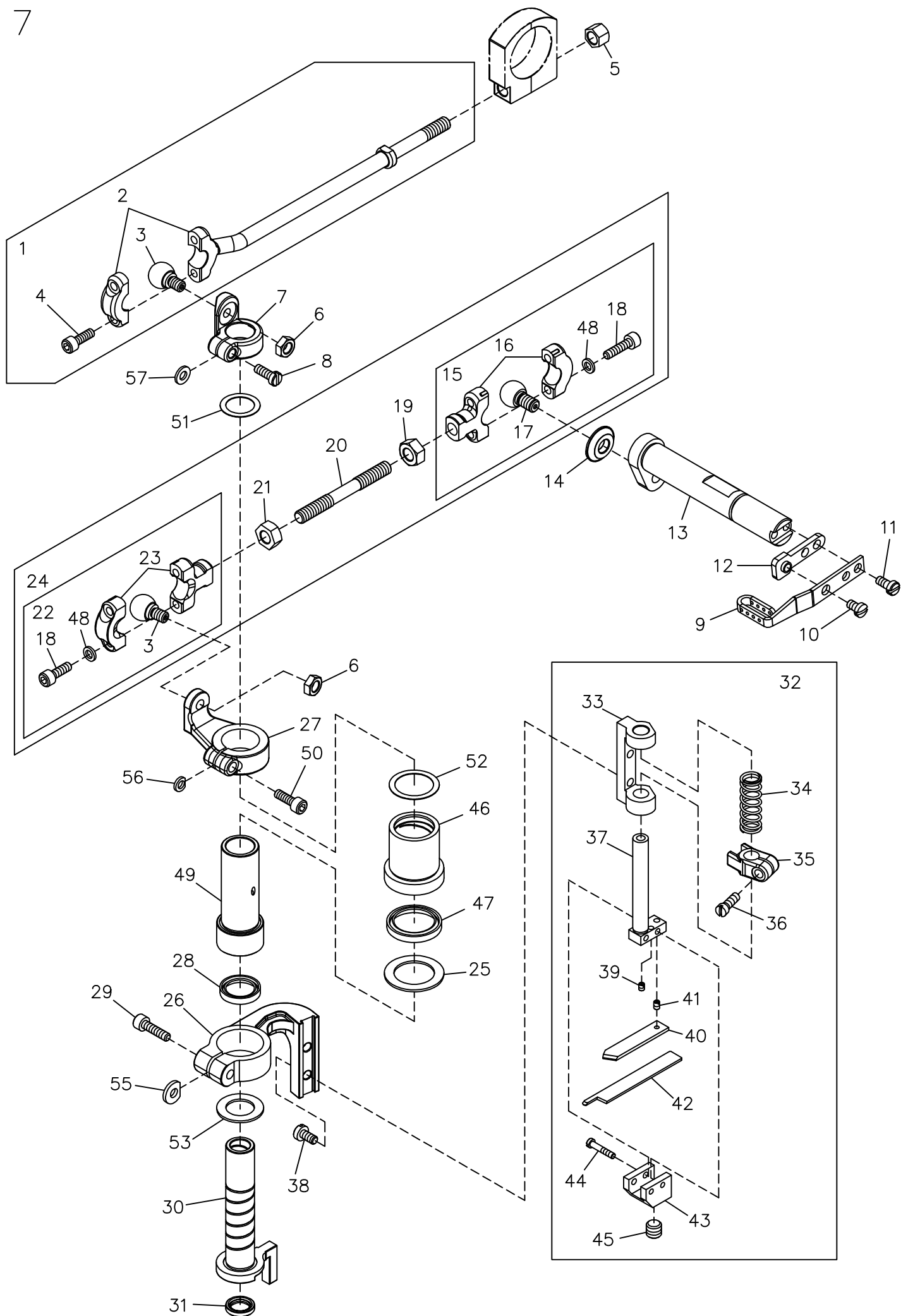
Ref	Parts			Amt
No	No	Description	品 名	Req
1	A0601	Adjusting Screw(M12-1x17).....	調節螺絲.....	1
2	A0602	Lock Nut.....	保險螺帽.....	1
3	A0603	Presser Spring.....	壓腳彈簧.....	1
4	A0604	Presser Bar Connecting Bracket.....	壓腳推杆連結架.....	1
5	A0103	Screw(11/64-40x10.5).....	螺絲.....	1
6	A0606	Presser Foot Adjusting Screw.....	壓腳調節螺絲.....	1
7	7870229	Screw(M4-0.7*4).....	螺絲.....	1
8	A0608	Connecting Bracket Cushion.....	連結架襯墊.....	1
9	A0609	Presser Bar Guide.....	壓腳導件.....	1
10	A0610	Lock Nut.....	保險螺帽.....	1
11	A0611	Adjusting Nut.....	調節螺帽.....	1
12	A0612	Screw(M6-1x8).....	螺絲.....	1
13	A0613	Presser Bar.....	壓腳推杆.....	1
14	A0614	One Side Cut Presser Foot, C.Set.....	單切壓腳組.....	1
15	A0615	One Side Cut Presser Foot.....	單切壓腳.....	1
16	A0616	Screw(11/64-40x6.5).....	螺絲.....	1
17	A0617	Carrier/Hook Driving Segment.....	上勾針驅動扇形片.....	1
18	A0618	Carrier/Hook Driving Lever Link.....	上勾針驅動連杆.....	2
19	A0619	Link Pin.....	連杆插銷.....	4
20	A0620	Screw(3/32-56x3.3).....	螺絲.....	4
21	A0621	Thread Hook Driving Lever.....	勾針驅動杠杆.....	1
22	A0622	Top Cover Thread Hook.....	上飾線過線勾.....	1
23	A0623	Screw(9/64-40x7).....	螺絲.....	1
24	A0624	Top Cover Thread Carrier Driving Lever.....	上飾線托架驅動杠杆.....	1
25	A0625	Top Cover Thread Carrier.....	上飾線托架.....	1
26	A0626	Screw(1/8-44x5.3).....	螺絲.....	1
27	A0627	Presser Foot Attach Piece(Right).....	壓腳連接片(右).....	1
28	A0628	Presser Foot Attach Piece(Left).....	壓腳連接片(左).....	1
29	A0629	Screw(3/32-56x2.5).....	螺絲.....	4
30	A0630	Lower Knife.....	下切刀.....	1
31	A1218	Lower Knife Clamp.....	下切刀夾板.....	1
32	A0632	Screw(1/8-44x3.5).....	螺絲.....	1
33	A0633	Yielding Section Spring.....	小壓具彈簧.....	1
34	A0634	Yielding Section.....	小壓具.....	1
35	A0635	Chip Guard Plate.....	切角防護片座.....	1
36	A0636	Presser Foot Spring Plate(Left).....	壓腳彈簧片(左).....	1
37	A0637	Presser Foot Spring Plate(Right).....	壓腳彈簧片(右).....	1
38	A0638	Screw(3/32-56x2.6).....	螺絲.....	1
39	A0639	Spring Plate Holder.....	彈簧片固定鐵勾.....	1
40	A1228	Chip Guard.....	切角防護片.....	1



<u>Ref</u>	<u>Parts</u>			<u>Amt</u>
<u>No</u>	<u>No</u>	<u>Description</u>	<u>品 名</u>	<u>Req</u>
41	A0641	Chip Guard Spring.....	切角防護片彈簧.....	1
42	A0642	Screw(1/8-44x2.2).....	螺絲.....	1
43	A0643	Presser Foot Guide(Right).....	壓腳導件(右).....	1
44	A0644	Screw(M5-0.8x12).....	螺絲.....	1
45	A0645	Presser Foot Guide(Left).....	壓腳導件(左).....	1
46				
47	A0647	Screw(M4-0.7x12).....	螺絲.....	2
48	A0506	Screw(1/8-44x4).....	螺絲.....	1
49				
50	A0650	Screw(3/16-32x3.3).....	螺絲.....	2
51	A0651	Presser Bar Lifter Lever(Large).....	壓腳升降杠杆(大).....	1
52	A0652	Screw(7/32-32x10).....	螺絲.....	1
53	A0653	Stop Plunger Segment Pin.....	插銷.....	1
54	A0530	Screw(M5-0.8x5).....	螺絲.....	1
55	A0655	Stop Plunger Segment.....	插銷套.....	1
56	A0656	Nut.....	螺帽.....	1
57	A0657	Presser Foot Lifter Stop Plunger.....	壓具抬起停車柱.....	1
58	A0658	Presser Foot Lifter Lever Link(Long).....	壓腳升降杠杆連杆(長)....	1
59	A0659	Screw(9/64-40x6).....	螺絲.....	2
60	A0660	Presser Foot Lifter Lever Link(Short).....	壓腳升降杠杆連杆(短)....	1
61	A0661	Presser Bar Lifter Lever(Small).....	壓腳升降杠杆(小).....	1
62	A0662	Screw(7/32-32x6).....	螺絲.....	1
63	A0663	Presser Bar Lifter Lever.....	壓腳拉杆.....	1
64	A0664	Screw(3/32-56x4).....	螺絲.....	1



<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	A0701	Carrier/Hook Driving Rod(Left), C.Set.....	上飾線連杆組.....	1
2	A0702	Carrier Hook Driving Rod(Left).....	上飾線連杆.....	1
3	A0703	Rod Ball(Left).....	球頭.....	2
4	A0704	Screw(9/64-40x10).....	螺絲.....	2
5	A0705	Nut.....	螺帽.....	1
6	A0706	Nut.....	螺帽.....	2
7	A0707	Carrier Hook Sleeve Lever.....	上飾線連杆套筒.....	1
8	A0107	Screw(9/64-40x11).....	螺絲.....	1
9	A0709	Needle Thread Take-up.....	針線搖臂過線孔.....	1
10	A0710	Screw(M3.5-0.6x6).....	螺絲.....	1
11	A0711	Screw(M3.5-0.6x8).....	螺絲.....	2
12	A0712	Bracket.....	固定片.....	1
13	A0713	Knife Driving Lever.....	上切刀傳動杠杆.....	1
14	A0714	Steady Washer.....	穩定墊圈.....	1
15	A0715	Knife Driving Connection(Right) , C.Set.....	上切刀傳動連結杆(右)組.....	1
16	A0716	Knife Driving Connection(Right).....	上切刀傳動連結杆(右).....	1
17	A0717	Knife Driving Connection Ball(Right).....	上切刀傳動連結球(右).....	1
18	A0718	Screw(M3.5-0.6x14).....	螺絲.....	4
19	A0719	Nut(Left-handed Screw).....	螺帽.....	1
20	A0720	Looper Driving Connection Rod.....	下勾針驅動連結杆.....	1
21	A0721	Nut.....	螺帽.....	1
22	A0722	Knife Driving Connection(Left) , C.Set.....	上切刀傳動連結杆(左)組.....	1
23	A0723	Feed Drive Connection(Lower).....	送料具驅動連杆(下).....	1
24	A0724	Knife Driving Connection, C.Set.....	上切刀傳動連結杆組.....	1
25	A0725	Bushing Ring.....	襯套墊片.....	1
26	A0726	Knife Holder Bracket.....	上切刀固定座托架.....	1
27	A0727	Knife Holder Bracket Arm.....	上切刀托架擺臂.....	1
28	A0728	Oil Seal.....	止油圈.....	1
29	A0566	Screw(M5-0.8x14).....	螺絲.....	1
30	A0730	Carrier/Hook Driving Sleeve.....	上飾線連杆柱.....	1
31	A0731	Oil Seal.....	油封.....	1
32	A0732	Knife Holder Guide Collar, C.Set.....	活動刀組.....	1
33	A0733	Knife Holder Shank Support.....	上切刀固定座支架.....	1
34	A0734	Knife Holder Spring.....	上切刀固定座彈簧.....	1
35	A0735	Knife Holder Guide Collar.....	上切刀彈簧固定座.....	1
36	A0736	Screw(9/64-40x10.3).....	螺絲.....	1
37	A0737	Knife Holder Shank.....	上切刀固定座柄.....	1
38	A0143	Screw(9/64-40x7).....	螺絲.....	2
39	A0739	Screw(3/32-56x3.8).....	螺絲.....	1
40	A0740	Knife Support.....	上切刀支架.....	1

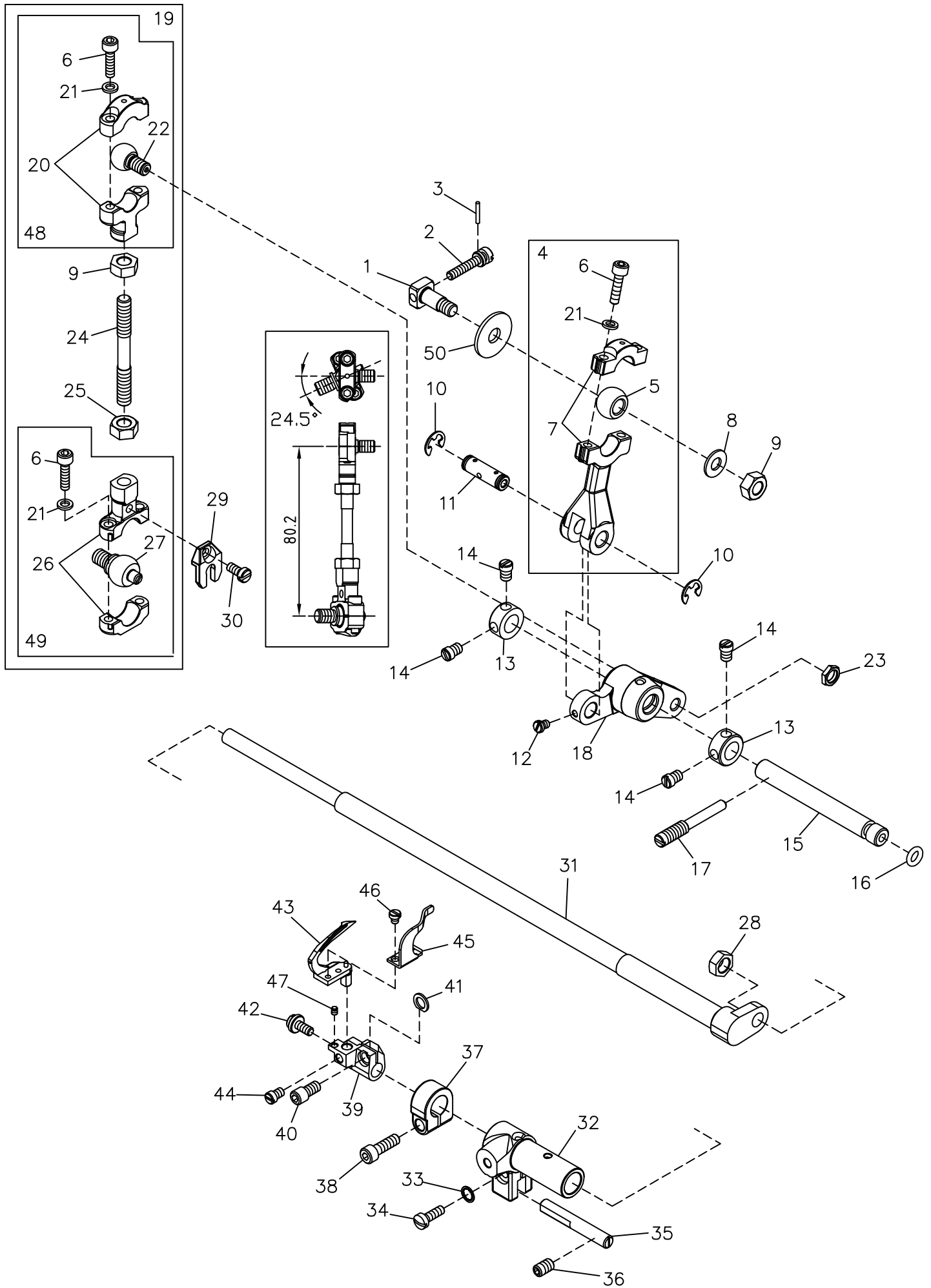


UPPER KNIFE CARRIER AND HOOK DRIVING MECHANISM

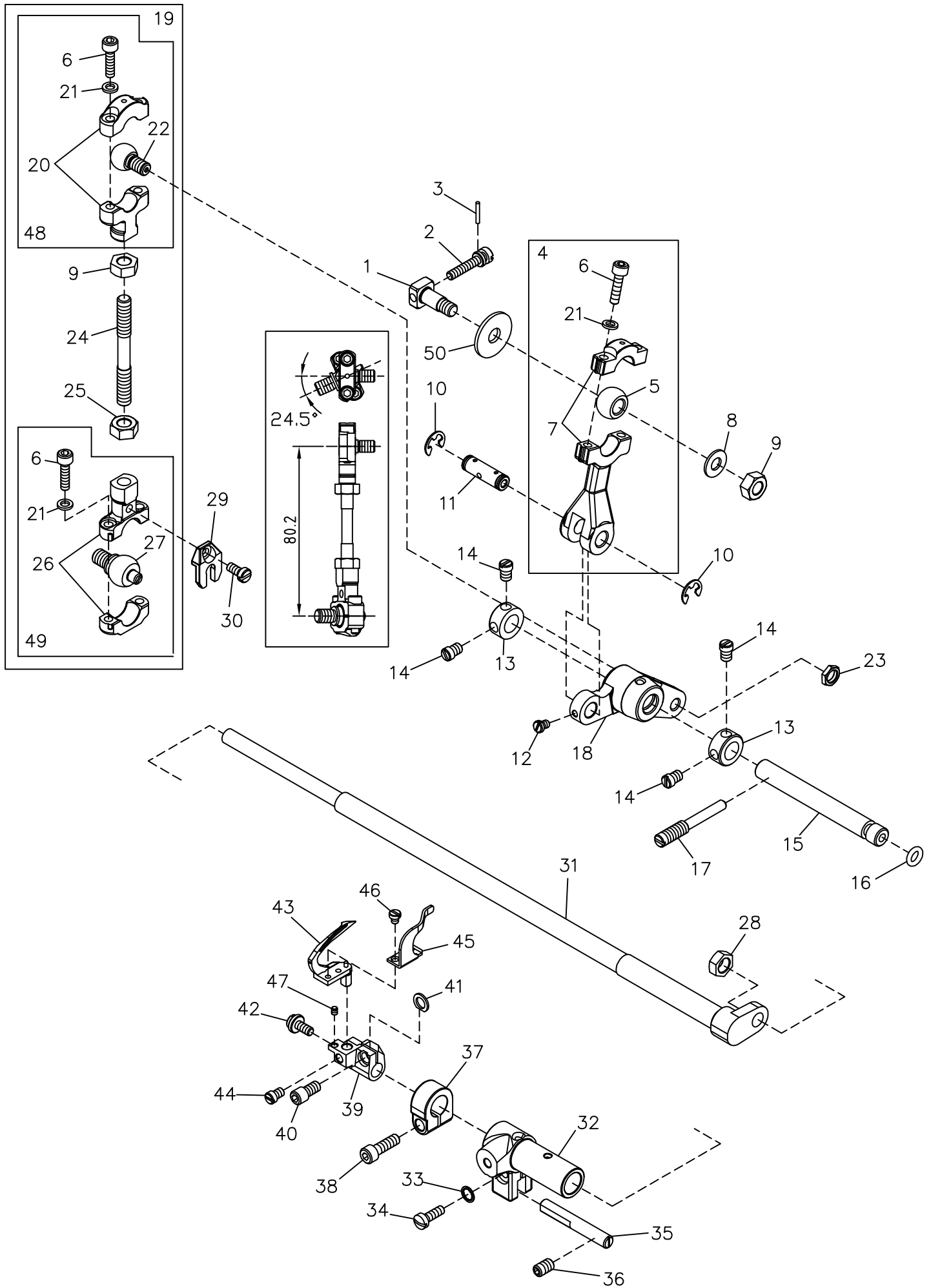
上切刀及上勾針驅動機構

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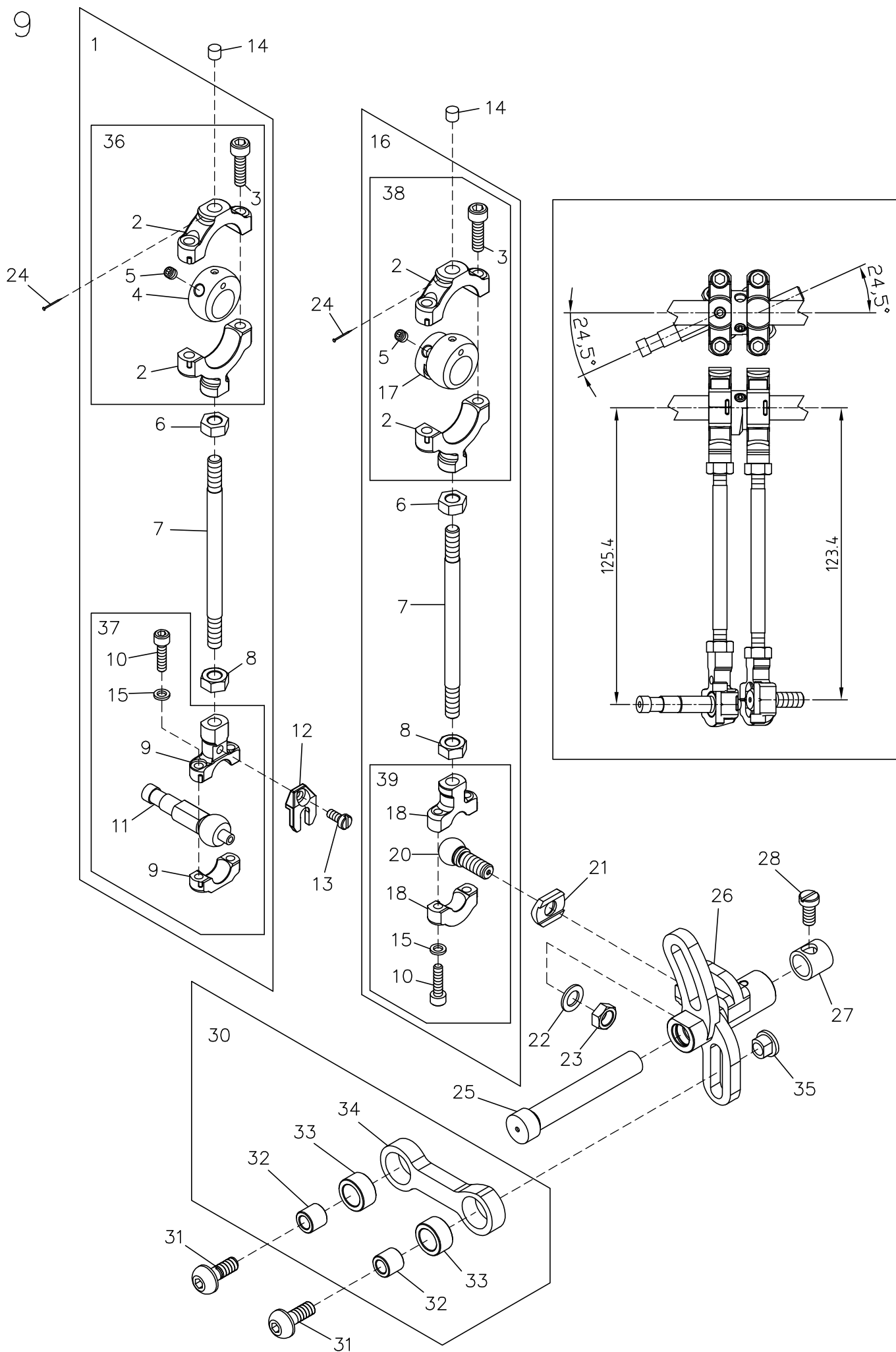
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<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
41	A0741	Screw(3/32-56x1.4).....	螺絲.....	1
42	A0742	Upper Knife.....	上切刀片.....	1
43	A0743	Knife Holder.....	上切刀固定座.....	1
44	A0744	Screw(3/32-56x7.3).....	螺絲.....	2
45	A0745	Screw(1/4-40x5).....	螺絲.....	1
46	A0746	Thread Carrier and Hook Sleeve Bushing.....	切刀固定座托架襯套.....	1
47	A0747	Oil Seal.....	油封.....	1
48	A0748	Washer.....	墊片.....	4
49	A0749	Knife Driving Shaft.....	上切刀傳動軸.....	1
50	A0750	Screw(M4-0.7x14).....	螺絲.....	1
51	A0751	Bushing Ring.....	襯套墊片.....	1
52	A0752	Bushing Ring.....	襯套墊片.....	1
53	A0753	Bushing Ring.....	襯套墊片.....	1
54				
55	A0755	Packing.....	襯墊.....	1
56	A0756	Packing.....	襯墊.....	1
57	A0757	Packing.....	襯墊.....	1



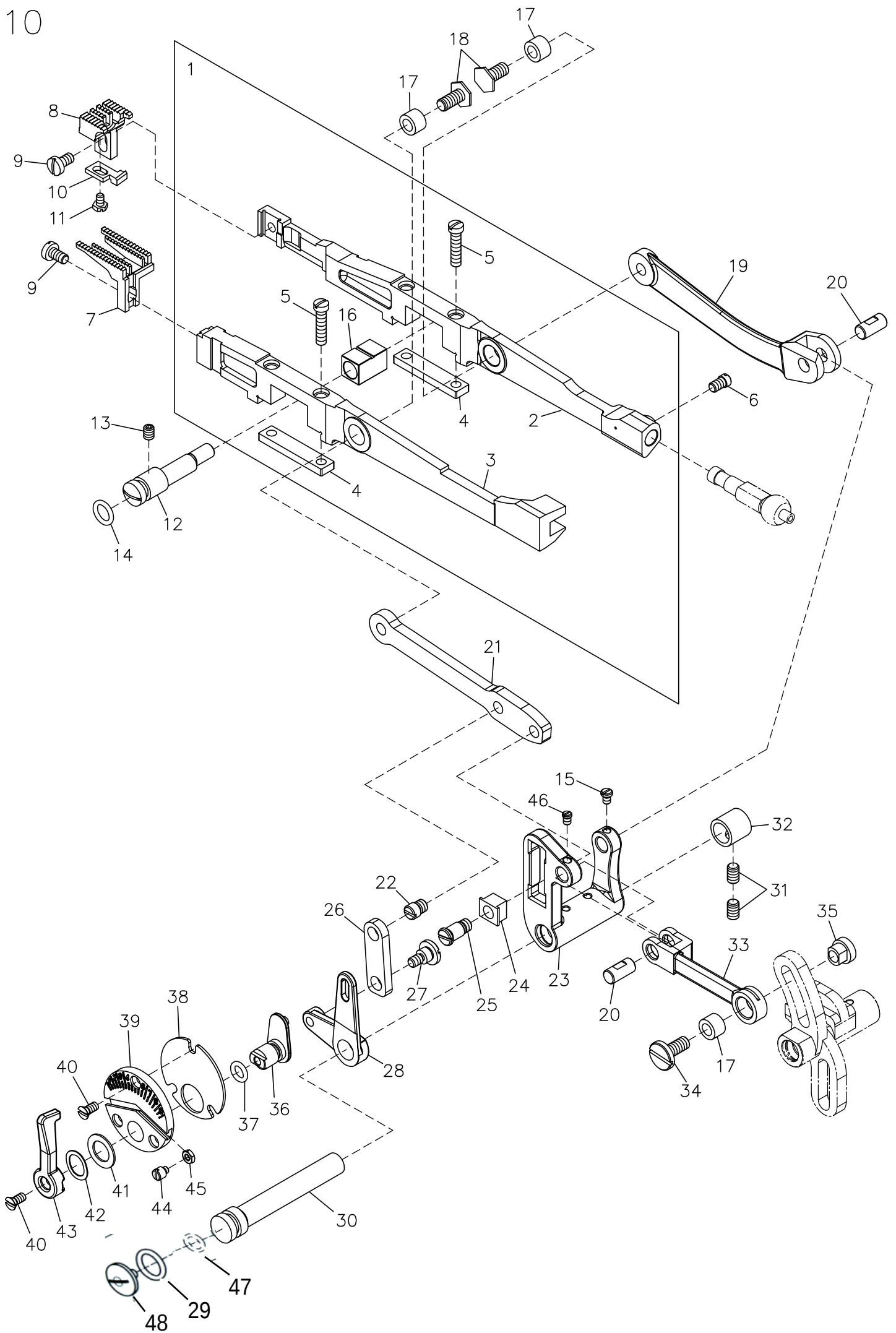
Ref.	Parts.			Amt.
No.	No.	Description	品 名	Req.
1	A0801	Looper Driving Crank Pin.....	下勾針驅動曲柄插銷.....	1
2	A0802	Screw(9/64-40x16.5).....	螺絲.....	1
3	A0803	Roll Pin for Main Shaft.....	插銷.....	1
4	A0804	Looper Lever Driving Rod, C.Set.....	下勾針驅動杆組.....	1
5	A0805	Looper Lever Driving Rod Ball.....	下勾針驅動杆球.....	1
6	A0718	Screw(M3.5-0.6x14).....	螺絲.....	6
7	A0807	Looper Lever Driving Rod.....	下勾針驅動杆.....	1
8	A0808	Washer.....	墊片.....	1
9	A0719	Nut(Left-handed Screw).....	螺帽.....	2
10	A0810	Retaining Ring.....	扣環.....	2
11	A0811	Looper Lever Driving Rod Pin.....	下勾針驅動杆插銷.....	1
12	A0340	Screw(1/8-44x4.5).....	螺絲.....	1
13	A0813	Collar.....	軸環.....	2
14	A0814	Screw(11/64-40x5.5).....	螺絲.....	4
15	A0815	Looper Lever Shaft.....	下勾針杠杆軸.....	1
16	A0816	O-Ring.....	O型環.....	1
17	A0817	Screw(7/32-32x18).....	螺絲.....	1
18	A0818	Looper Lever.....	下勾針杠杆.....	1
19	A0819	Looper Driving Connection Rod, C.Set.....	下勾針驅動連杆組.....	1
20	A0820	Looper Driving Connection(Upper).....	下勾針驅動連杆(上).....	1
21	A0748	Washer.....	墊片.....	6
22	A0717	Looper Driving Connection Ball(Upper).....	下勾針驅動連杆球(上)....	1
23	A0823	Nut.....	螺帽.....	1
24	A0720	Looper Driving Connection Rod.....	下勾針驅動連結杆.....	1
25	A0721	Nut.....	螺帽.....	1
26	A0826	Looper Driving Connection(Lower).....	下勾針驅動連杆(下).....	1
27	A0827	Looper Driving Connection Ball(Lower).....	下勾針驅動連杆球(下)....	1
28	A0828	Nut.....	螺帽.....	1
29	A0829	Steady Fork.....	穩定叉.....	1
30	A0711	Screw(M3.5-0.6x8).....	螺絲.....	1
31	A0831	Looper Rocker Shaft.....	下勾針搖杆軸.....	1
32	A0832	Looper Rocker Shaft Sleeve.....	下勾針搖杆軸套筒.....	1
33	A0833	Washer.....	墊片.....	1
34	A0107	Screw(9/64-40x11).....	螺絲.....	1
35	A0835	Looper Rocker Shaft Sleeve Guide.....	下勾針搖杆軸套筒導件....	1
36	A0836	Screw(3/16-32x8).....	螺絲.....	1
37	A0837	Collar.....	下勾針搖杆軸環.....	1
38	A0838	Screw(11/64-40x15).....	螺絲.....	1
39	A0839	Looper Holder.....	下勾針固定座.....	1
40	A0840	Screw(11/64-40x8.4).....	螺絲.....	1



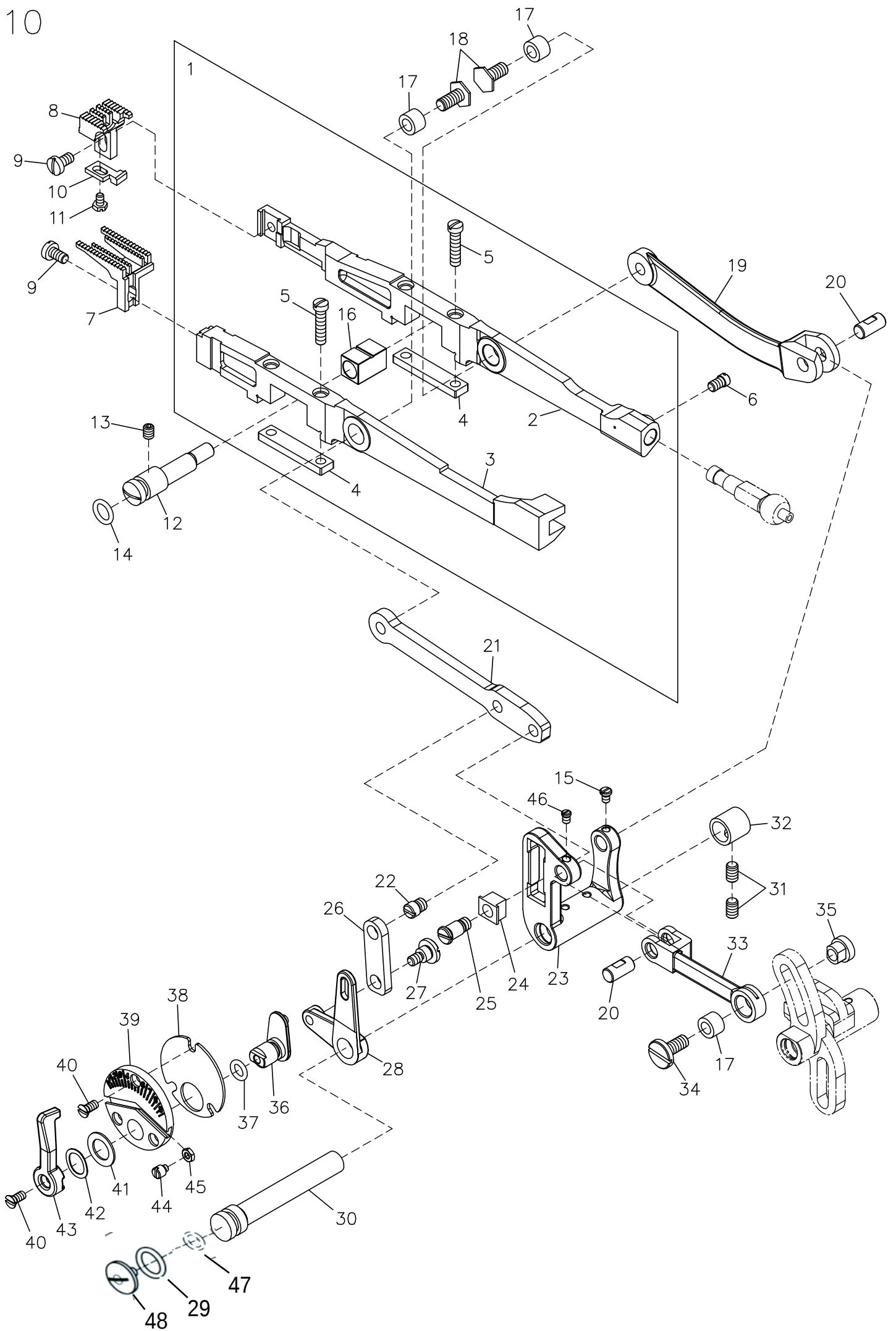
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<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
41	A0841	Packing.....	襯墊.....	1
42	A0842	Adjusting Screw(9/64-40x8.2).....	調節螺絲.....	1
43	A0843	Looper.....	勾針.....	1
44	A0844	Screw(9/64-40x5).....	螺絲.....	1
45	A0845	Needle Guard(Front).....	針檔(前).....	1
46	A0846	Screw(29/256-48x3.2).....	螺絲.....	2
47	A0739	Screw(3/32-56x3.5).....	螺絲.....	1
48	A0848	Looper Driving Connection(Upper) , C.Set.....	下勾針驅動連結組(上)....	1
49	A0849	Looper Driving Connection(Lower) , C.Set.....	下勾針驅動連結組(下)....	1
50	A0850	Spacer.....	墊片.....	1



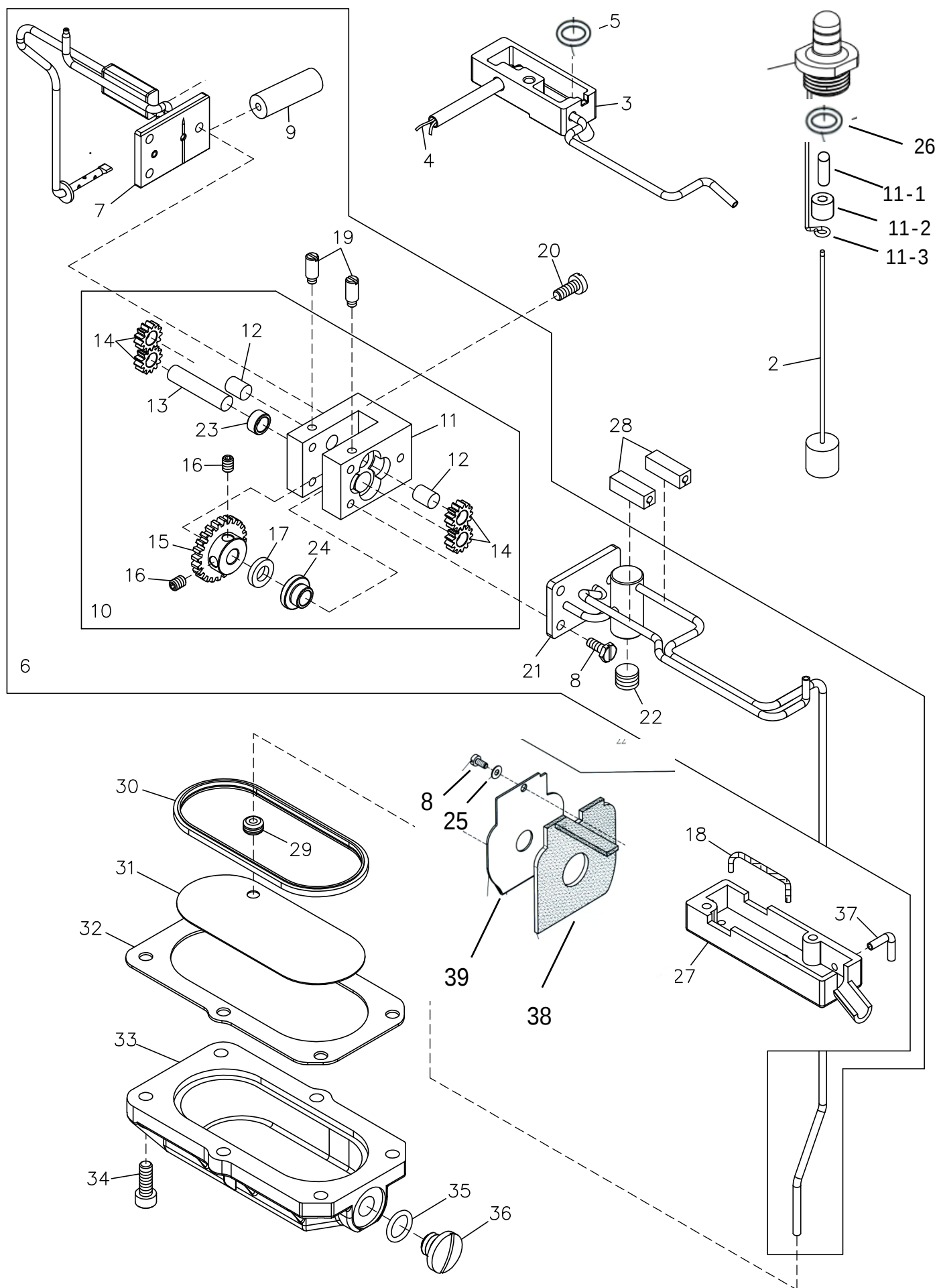
Ref.	Parts.			Amt.
No.	No.	Description	品 名	Req.
1	A0901	Feed Lift Eccentric, C.Set.....	送料具提升偏心輪組.....	1
2	A0902	Feed Lift Connection(Upper).....	送料具提升連杆(上).....	2
3	A0903	Screw(11/64-40x16).....	螺絲.....	4
4	A0904	Feed Lift Eccentric Ball.....	送料具提升偏心輪球.....	1
5	A0224	Screw(11/64-40x4).....	螺絲.....	4
6	A0719	Nut(Left-handed Screw).....	螺帽.....	2
7	A0907	Feed Lift Eccentric Connecting Rod.....	送料具提升偏心輪連杆.....	2
8	A0721	Nut.....	螺帽.....	2
9	A0826	Feed Lift Connection(Lower).....	送料具提升連杆(下).....	1
10	A0718	Screw(M3.5-0.6x14).....	螺絲.....	4
11	A0911	Feed Lift Connection Ball.....	送料具提升連杆球.....	1
12	A0829	Steady Fork.....	穩定叉.....	1
13	A0711	Screw(M3.5-0.6x8).....	螺絲.....	1
14	A0914	Oil Wick.....	油芯.....	2
15	A0748	Washer.....	墊片.....	4
16	A0916	Feed Drive Eccentric, C.Set.....	送料具驅動偏心輪組.....	1
17	A0917	Feed Drive Eccentric Ball.....	送料具驅動偏心輪球.....	1
18	A0723	Feed Drive Connection(Lower).....	送料具驅動連杆(下).....	1
19				
20	A0920	Feed Drive Connection Ball.....	送料具驅動連杆球.....	1
21	A0921	Steady Washer.....	穩定墊片.....	1
22	A0922	Washer.....	墊片.....	1
23	A0828	Nut.....	螺帽.....	1
24	A0924	Pin.....	固定銷.....	2
25	A0925	Feed Drive Shaft.....	送料具驅動軸.....	1
26	A0926	Feed Drive/Looper Avoid Lever.....	送料具杠杆.....	1
27	A0927	Feed Drive Shaft Bushing.....	送料具驅動軸套筒.....	1
28	A0928	Screw(3/16-32x10).....	螺絲.....	1
29				
30	A0930	Looper Avoid Connecting Rod, C.Set.....	勾針運動連杆組.....	1
31	A0931	Screw(7/32-32x15).....	螺絲.....	2
32	A0932	Looper Avoid Connecting Rod Bushing.....	連杆軸承襯套.....	2
33	A0933	Needle Bearing.....	軸承.....	2
34	A0934	Looper Avoid Connecting Rod.....	勾針運動連杆.....	1
35	A0935	Looper Aviod Adjusting Nut.....	調整螺帽.....	1
36	A0936	Feed Lift Connection(Upper), C.Set.....	送料具提升連杆(上)組.....	1
37	A0937	Feed Lift Connection(Lower), C.Set.....	送料具提升連杆(下)組.....	1
38	A0938	Feed Drive Eccentric(Upper), C.Set.....	送料具提升偏心輪(上)組...	1
39	A0939	Feed Drive Eccentric(Lower), C.Set.....	送料具提升偏心輪(下)組...	1



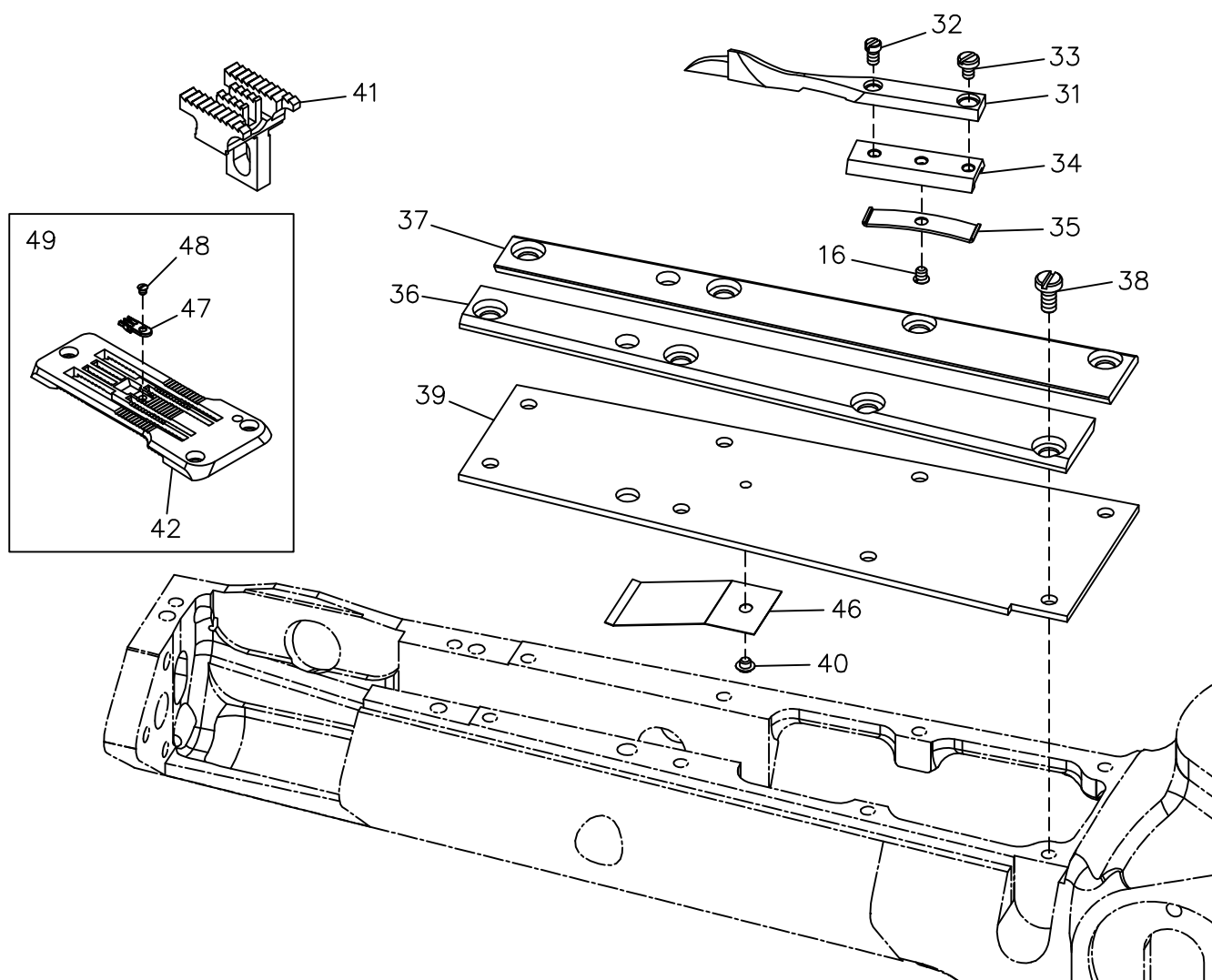
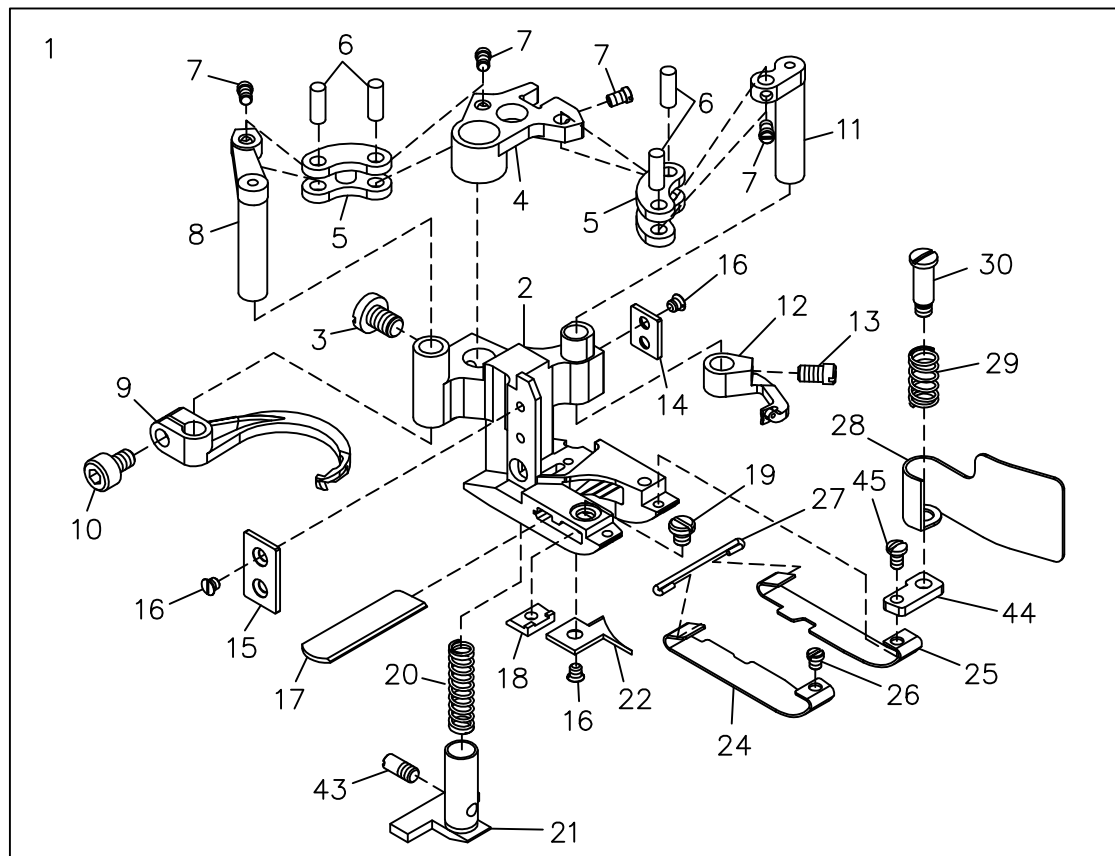
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<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	A1001	Feed Bar, C.Set.....	送料具固定座組.....	1
2	A1002	Main Feed Bar.....	主送料具固定座.....	1
3	A1003	Differential Feed Bar.....	差動送料具固定座.....	1
4	A1004	Feed Bar Plate.....	送料具固定座片.....	2
5	A1005	Screw(11/64-40x18).....	螺絲.....	4
6	A1006	Screw(11/64-40x7.5).....	螺絲.....	1
7	A1007	Differential Feed Dog.....	差動齒.....	1
8	A1008	Main Feed Dog.....	主齒.....	1
9	A0302	Screw (11/64-40x8).....	螺絲.....	2
10	A1010	Needle Guard(Rear).....	頂針片(後).....	1
11	A1011	Screw(1/8-44x5).....	螺絲.....	1
12	A1012	Feed Bar Eccentric Pin.....	送料具偏心銷.....	1
13	A0508	Screw(11/64-40x6).....	螺絲.....	1
14	A1014	O-ring(P8).....	O型橡膠環.....	1
15	A0340	Screw(1/8-44x4.5).....	螺絲.....	1
16	A1016	Feed Bar Slide Block.....	送料具滑塊.....	1
17	A1017	Feed Rocker Link Bushing.....	送料具搖杆套筒.....	3
18	A1018	Screw(7/32-32x6.2).....	螺絲.....	2
19	A1019	Main Feed Bar Driving Link.....	主送料具固定座驅動杆....	1
20	A1020	Feed Rocker Link Pin.....	送料具搖杆插銷.....	2
21	A1021	Differential Feed Bar Driving Link.....	差動送料具驅動杆.....	1
22	A1022	Screw(7/32-32x5.2).....	螺絲.....	1
23	A1023	Feed Rocker.....	送料具搖杆.....	1
24	A1024	Differential Feed Bar Driving Link Slider.....	差動送料具調整滑塊.....	1
25	A1025	Screw(7/32-32x4.1).....	螺絲.....	1
26	A1026	Differential Feed Adjusting Link.....	差動送料具調節杠杆.....	1
27	A1027	Screw(11/64-40x4.5).....	螺絲.....	1
28	A1028	Differential Feed Adjusting Lever.....	差動送料具調節杠杆.....	1
29	A1029	O-ring(P9).....	O型橡膠環.....	1
30	A1030	Feed Rocker Shaft.....	送料具搖杆軸.....	1
31	A0836	Screw(3/16-32x8).....	螺絲.....	2
32	A0927	Feed Rocker Shaft Bushing.....	送料具搖杆軸套筒.....	1
33	A1033	Feed Rocker Link.....	送料具搖杆連杆.....	1
34	A1034	Screw(7/32-32x12).....	螺絲.....	1
35	A1035	Feed Adjusting Nut.....	送料具調節螺帽.....	1
36	A1036	Differential Feed Adjusting Lever(Middle).....	差動送料具調節杠杆(中)..	1
37	A1037	O-ring(P6).....	O型橡膠環.....	1
38	A1038	Differential Feed Adjusting Dial Gasket.....	差動調節標度盤墊片.....	1
39	A1039	Differential Feed Adjusting Dial.....	差動送料具調節標度盤....	1
40	A0127	Screw(9/64-40x8).....	螺絲.....	4



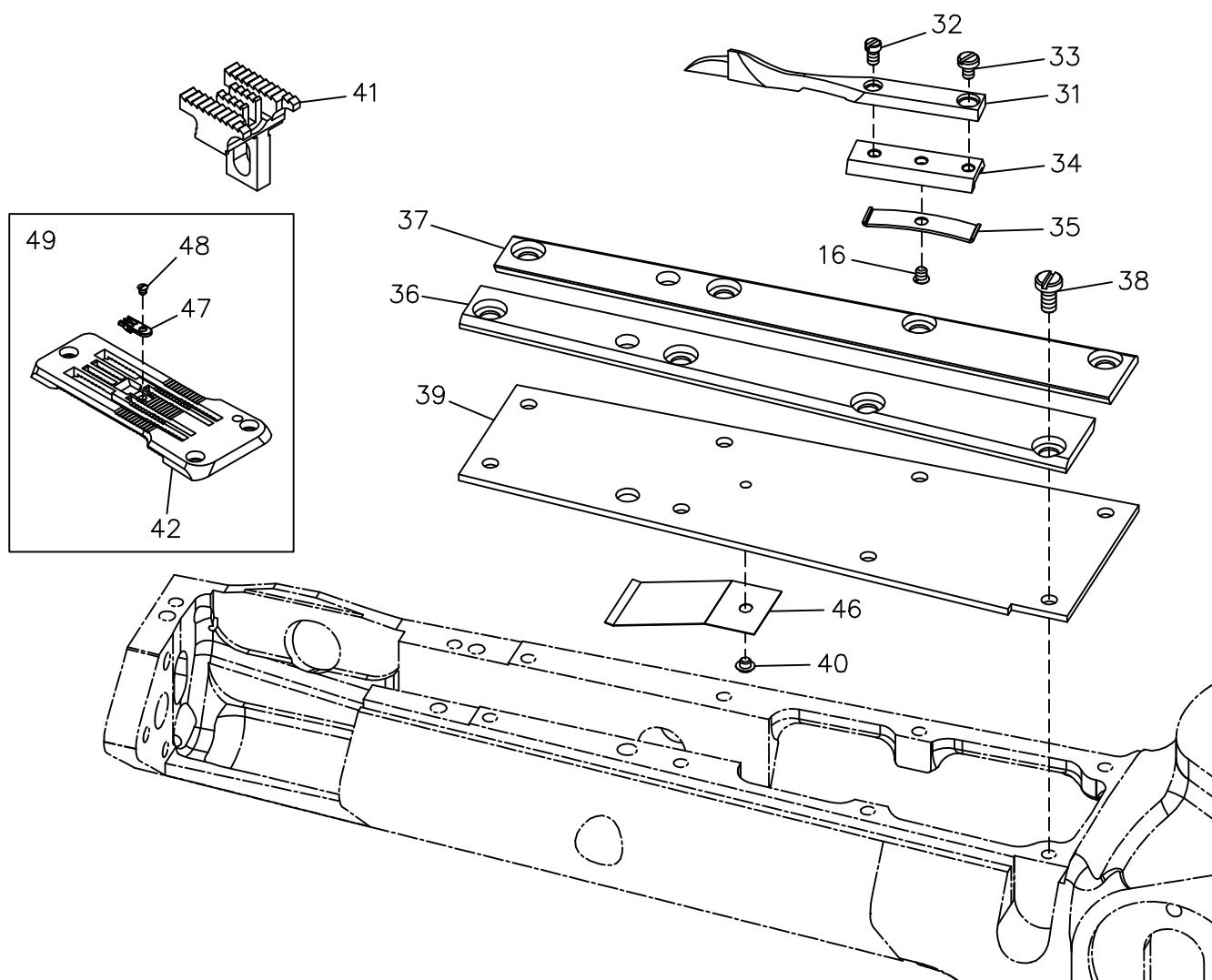
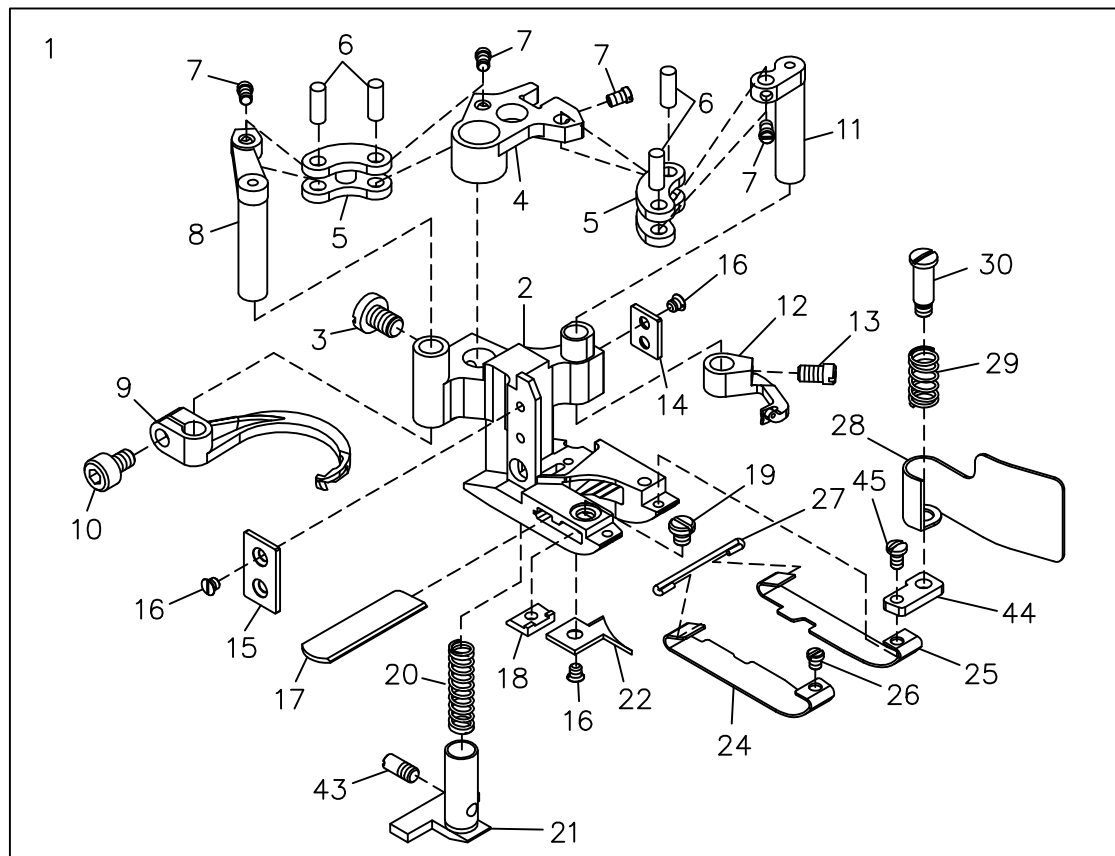
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<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
41	A1041	Spacer (Fiber).....	墊片 (纖維).....	1
42	A1042	Corrugated Washer.....	波狀墊片.....	1
43	A1043	Differential Feed Operating Lever.....	差動送料具操作杆.....	1
44	A1044	Screw (M3-0. 5x2. 8).....	螺絲.....	2
45	A1045	Nut.....	螺帽.....	2
46	A0340	Screw (1/8-44x4. 5).....	螺絲.....	1
47	A1047	Oil Seal.....	油封.....	1
48	A0148	Screw (3/16-32*4. 5).....	螺絲.....	1



<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	A1101	Crank Chamber Oil Gauge Unit.....	油表.....	1
	A1101-1			1
	A1101-2			1
	A1101-3			1
2	A1102	Oil Height Indicator.....	油量指示棒.....	1
3	A1103	Oil Receiver(Rear).....	油量接收器(後).....	1
4	A1104	Oil Wick.....	油芯.....	1
5	A1105	O-ring.....	O型圈.....	1
6	A1106	Pump, C.Set.....	油泵組.....	1
7	A1107	Pump Housing Cover(Rear) Unit.....	吸油管組(後).....	1
8	A0143	Screw(9/64-40*8).....	螺絲.....	6
9	A1109	In-take Filter.....	吸油氈.....	1
10	A1110	Pump, C.Set.....	油泵組.....	1
11	A1111	Pump Housing.....	油泵室.....	1
12	A1112	Pump Gear Shaft(Short).....	油泵齒輪(短).....	2
13	A1113	Pump Gear Shaft(Long).....	油泵齒輪(長).....	1
14	A1114	Oil Pump Gear.....	油泵齒輪.....	4
15	A1115	Pump Driven Gear.....	油泵驅動齒輪.....	1
16	A0508	Screw(11/64-40x6).....	螺絲.....	2
17	A0428	Oil Seal.....	油封.....	1
18	A1118	Oil Wick.....	油蕊.....	1
19	A1119	Screw(9/64-40x3.1).....	螺絲.....	2
20	A1120	Screw(11/64-40x11).....	螺絲.....	2
21	A1121	Pump Housing Cover(Front) Unit.....	吸油管組(前).....	1
22	A1122	Screw(M10-1.5x6).....	螺絲.....	1
23	A1123	Bushing.....	軸套.....	1
24	A1124	Bushing.....	軸套.....	1
25	A1125	Red Mat.....	紅色小墊子.....	1
26	A1047	Oil Seal.....	油封.....	1
27	A1127	Oil Receiver(Front).....	油量接收器(前).....	1
28	A1128	Oil Tube Support.....	防油套.....	2
29	A1129	Rubber Bushing.....	橡膠套筒.....	1
30	A1130	Oil Filter Screen Rubber Seal.....	過濾油網橡膠油封.....	1
31	A1131	Oil Filter Screen.....	過濾油網.....	1
32	A1132	Oil Reservoir Gasket.....	油槽防油墊.....	1
33	A1133	Oil Reservoir.....	油槽.....	1
34	7870634	Screw(M5-0.8x14).....	螺絲.....	6
35	A0128	O-ring(P10).....	O型橡膠環.....	1
36	A0129	Drain Hole Screw(3/8-24x8).....	螺絲.....	1
37	A1137	Copper Tube.....	銅管.....	1
38	A1138	Wool Felt.....	羊毛氈.....	1
39	A1139	Oil Shield.....	防油板.....	1

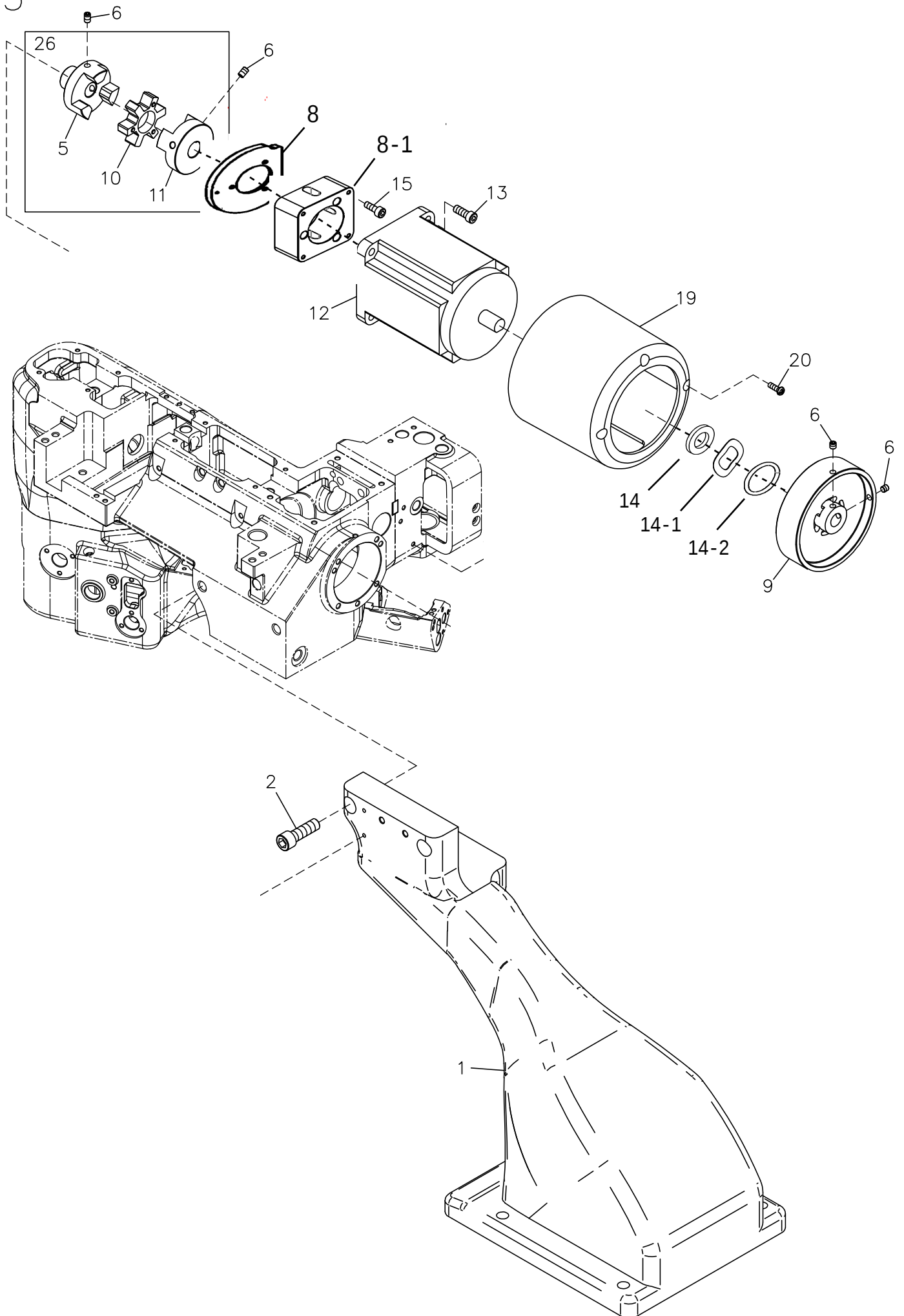


<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	A1201	Double Side Cut Presser Foot, C.Set.....	雙切壓腳組.....	1
2	A1202	Double Side Cut Presser Foot.....	雙切壓腳.....	1
3	A0616	Screw(11/64-40x 6.5).....	螺絲.....	1
4	A0617	Carrier/Hook Driving Segment.....	上勾針驅動扇形片.....	1
5	A0618	Carrier/Hook Driving Lever Link.....	上勾針驅動連杆.....	2
6	A0619	Link Pin.....	連杆插銷.....	4
7	A0620	Screw(3/32-56x 3.3).....	螺絲.....	4
8	A0621	Thread Hook Driving Lever.....	勾針驅動杠杆.....	1
9	A0622	Top Cover Thread Hook.....	上飾線過線勾.....	1
10	A0623	Screw(9/64-40x7).....	螺絲.....	1
11	A0624	Top Cover Thread Carrier Driving Lever.....	上飾線托架驅動杠杆.....	1
12	A0625	Top Cover Thread Carrier.....	上飾線托架.....	1
13	A0626	Screw(1/8-44x 5.3).....	螺絲.....	1
14	A0627	Presser Foot Attach Piece(Right).....	壓腳連接片(右).....	1
15	A0628	Presser Foot Attach Piece(Left).....	壓腳連接片(左).....	1
16	A0546	Screw(3/32-56x2.8).....	螺絲.....	6
17	A0630	Lower Knife.....	下切刀.....	1
18	A1218	Lower Knife Clamp.....	下切刀夾板.....	1
19	A0632	Screw(1/8-44x3.5).....	螺絲.....	1
20	A0633	Yielding Section Spring.....	小壓具彈簧.....	1
21	A1221	Yielding Section.....	小壓具.....	1
22	A1222	Presser Foot Tongue.....	壓腳舌片.....	1
23				
24	A1224	Presser Foot Spring Plate(Left).....	壓腳彈簧片(左).....	1
25	A1225	Presser Foot Spring Plate(Right).....	壓腳彈簧片(右).....	1
26	A0638	Screw(3/32-56x2.6).....	螺絲.....	1
27	A0639	Spring Plate Holder.....	彈簧片固定鐵勾.....	1
28	A1228	Chip Guard.....	切角防護片.....	1
29	A0641	Chip Guard Spring.....	切角防護片彈簧.....	1
30	A0642	Screw(1/8-44x2.2).....	螺絲.....	1
31	A1231	Lap Former.....	前導布器(薄料用).....	1
32	A1232	Screw(3/32-56x3.8).....	螺絲.....	1
33	A1233	Screw(3/32-56x3.8).....	螺絲.....	1
34	A1234	Lap Former Slide Block.....	前導布器滑塊.....	1
35	A1235	Lap Former Slide Block Spring.....	前導布器滑塊彈簧片.....	1
36	A1236	Lap Former Guide Plate(Left).....	前導布器導軌(左).....	1
37	A1237	Lap Former Guide Plate(Right).....	前導布器導軌(右).....	1
38	A0218	Screw(1/8-44x6.5).....	螺絲.....	8
39	A1239	Sewing Cylinder Cover(Upper).....	下巴蓋板.....	1
40	A0220	Screw(3/32-56x1.7).....	螺絲.....	1

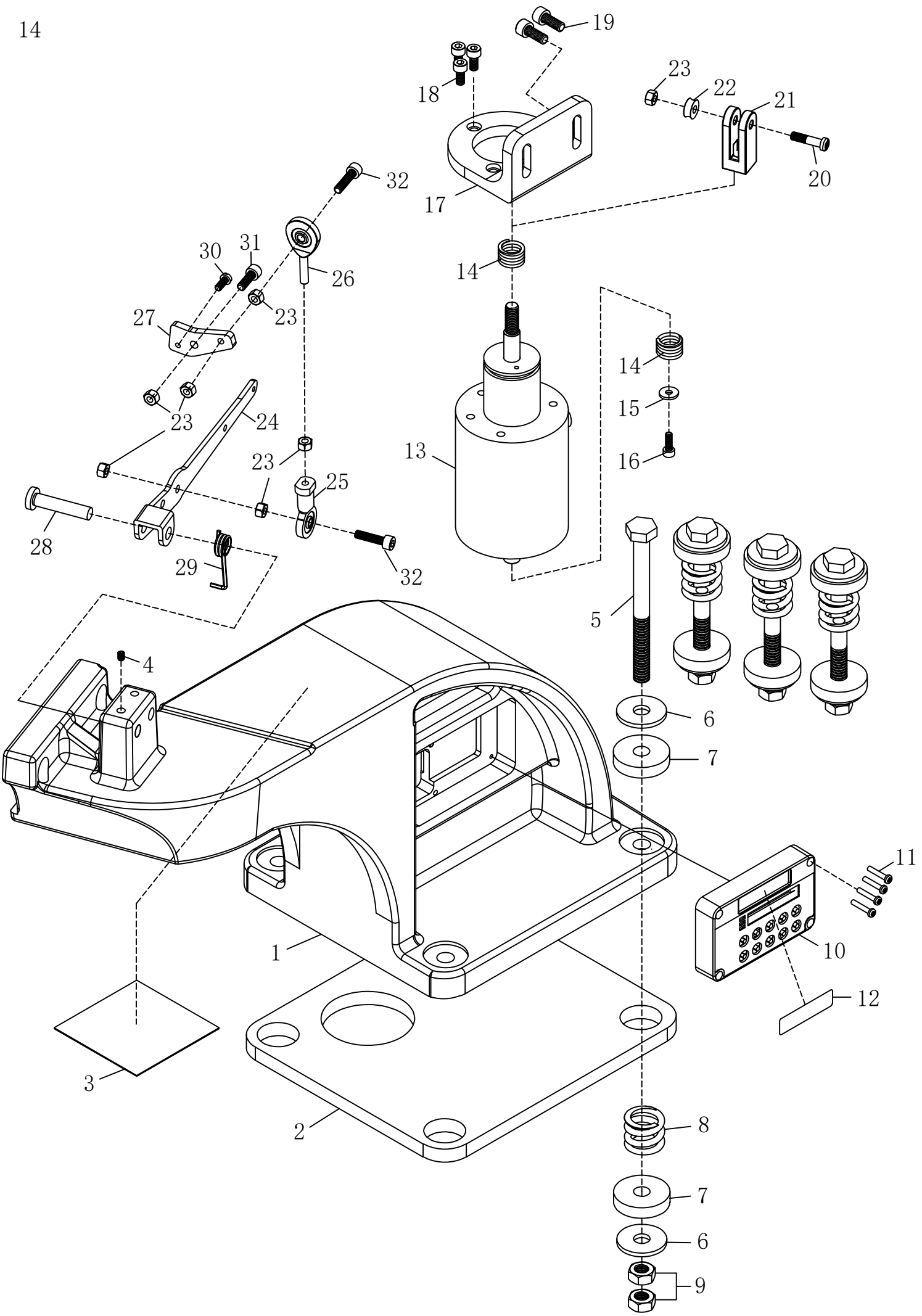


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<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
41	A1241	Main Feed Dog.....	主齒.....	1
42	A1242	Stitch Plate.....	針板.....	1
43	A0506	Screw(1/8-44x4).....	螺絲.....	1
44	A0635	Chip Guard Plate.....	切角防護片座.....	1
45	A0664	Screw(3/32-56x4).....	螺絲.....	1
46	A0219	Dust Defender(Upper).....	防塵蓋(上).....	1
47	A0545	Stitch Plate Tongue.....	針板舌片.....	1
48	A0546	Screw(3/32-56x 2.8).....	螺絲.....	1
49	A1249	Stitch Plate, C.Set.....	針板組(雙切5.2).....	1

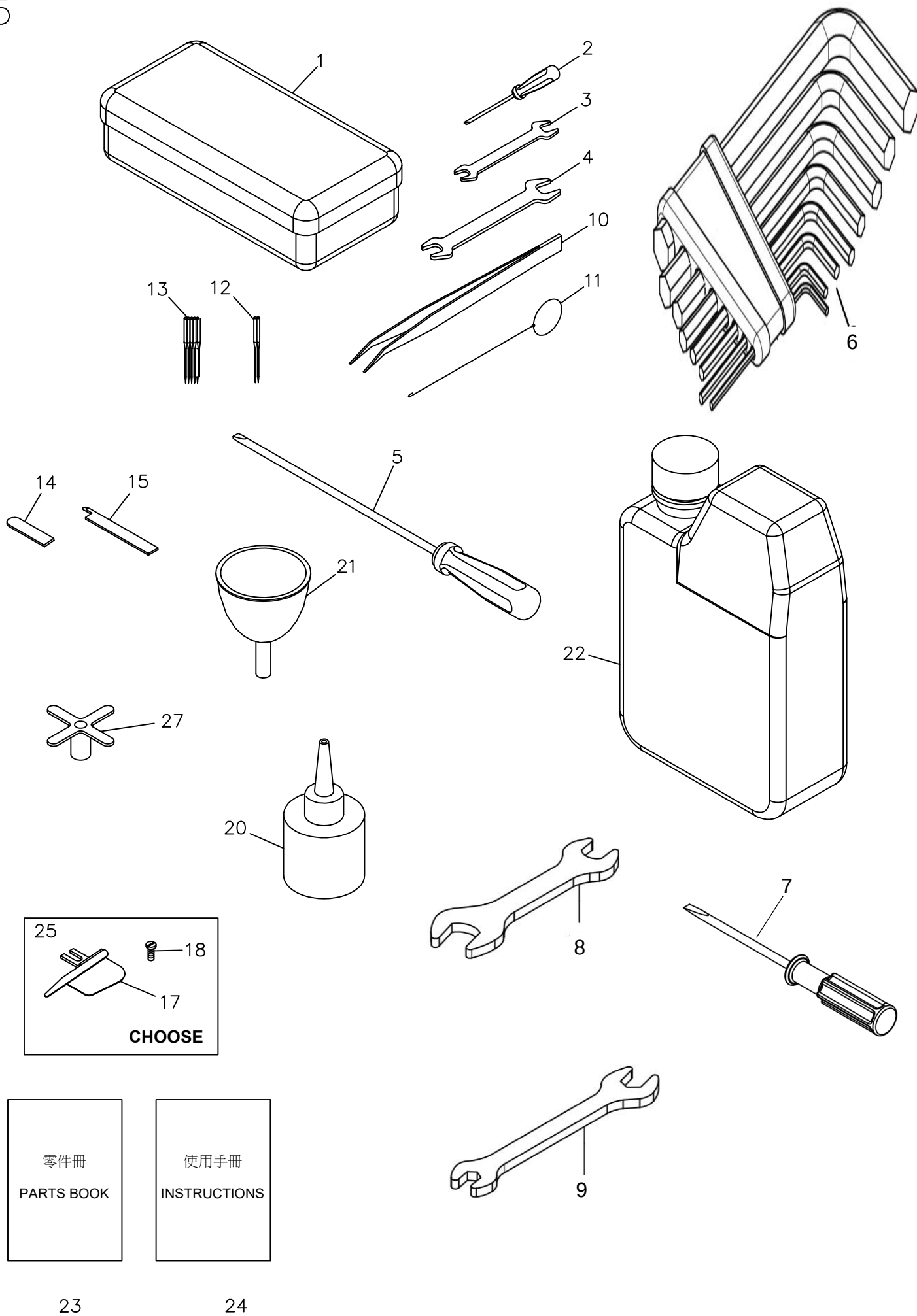
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<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1				
2	A1302	Screw (3/8-16x30).....	螺絲.....	2
3				
4				
5	A1305	Coupling (Small).....	聯軸器 (小).....	1
6	A1306	Screw (M5-0.8x8).....	螺絲.....	8
7				
8	A1308	Cup Dolly.....	圓形底座.....	1
	A1308-1	Squsre Base.....	方形底座.....	1
9	A1309	Handwheel.....	馬達手輪.....	1
10	A1310	Coupling (Middle).....	聯軸器 (中).....	1
11	A1311	Coupling (Big).....	聯軸器 (大).....	1
12	A1312	Servo Moter.....	伺服馬達.....	1
13	A1313	Screw (M6-1x16).....	螺絲.....	4
14	A1314	Shim.....	墊片.....	2
	A1314-1	Corrugated Gasket.....	波形墊片.....	1
	A1314-2	Snap Ring.....	卡環.....	1
15	A1315	Screw (M6-1x15).....	螺絲.....	4
16				
17				
18				
19	A1319	Motor Cover.....	馬達蓋.....	1
20	A1320	Screw (M4-0.7x10).....	螺絲.....	3



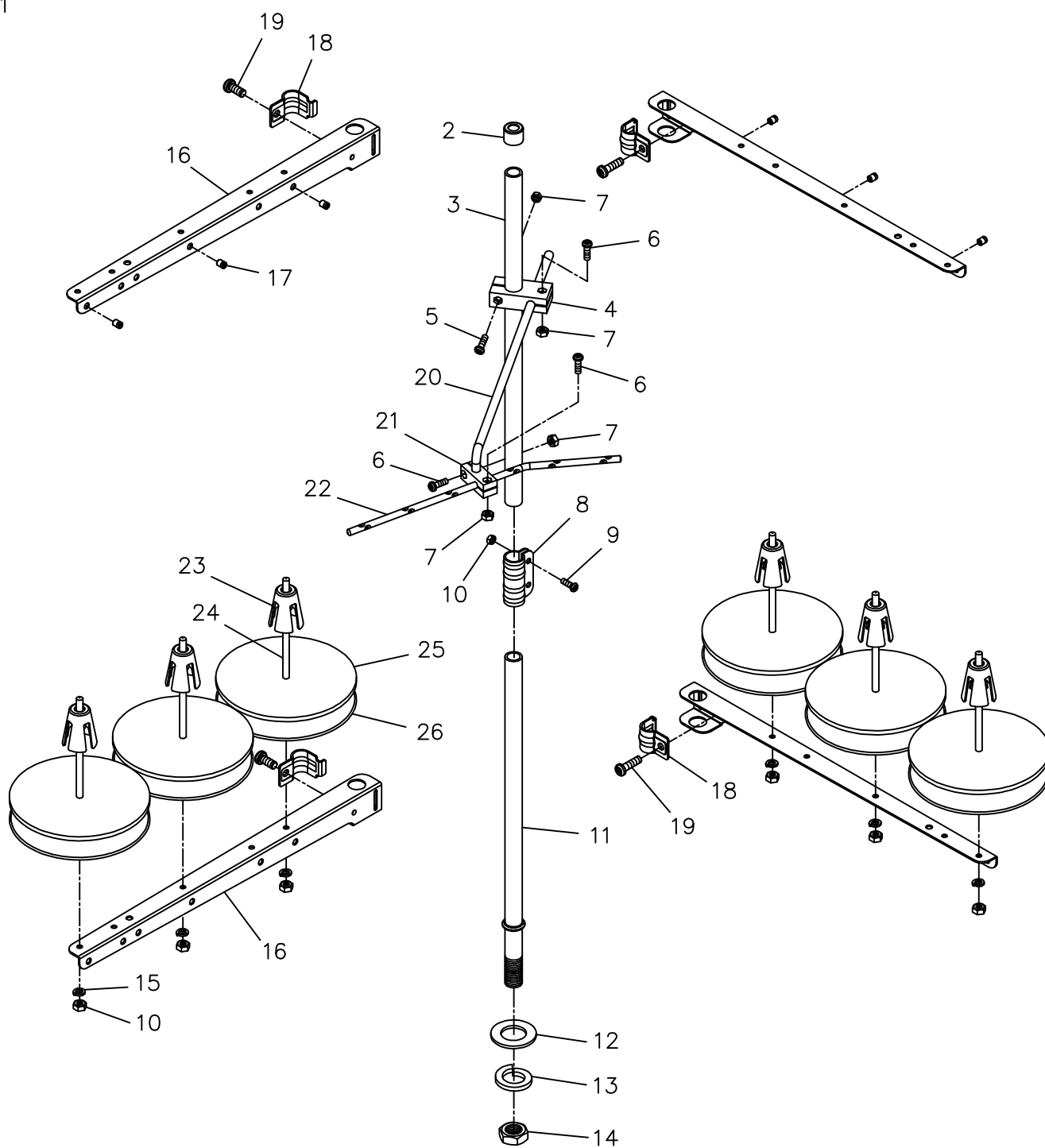
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<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	A1401	Sewing machine support block.....	底座.....	1
2	A1402	Rubber pad.....	橡膠墊.....	1
3	A1403	trademark or card.....	標牌.....	1
4	A1404		螺絲.....	1
5	A1405	Screw.....	螺杆.....	4
6	A1406	Thrust Ring.....	墊片.....	8
7	A1407	Base weight-saving rubber.....	橡膠墊片.....	8
8	A1408	Base weight reducing spring.....	彈簧.....	4
9	A1409	Nut.....	螺帽.....	8
10	A1410	Electronic control display.....	電控顯示器.....	1
11	A1411	Screw.....	螺絲.....	4
12	A0161	Famous brand of sewing machine.....	銘牌.....	1
13	A1413	Presser foot lifting electromagnet.....	電磁鐵.....	1
14	A1414	Electromagnet buffer spring.....	彈簧.....	2
15	WF06	Thrust Ring.....	墊片.....	1
16	7870833	Screw (M4-0.7*5.5)	螺絲.....	1
17	A1417	Presser foot lifting electromagnet bracket.....	抬壓腳電磁鐵支架.....	1
18	SV252NI	Screw.....	螺絲.....	3
19	SV268NI	Screw.....	螺絲.....	2
20	22-16	Screw.....	螺絲.....	1
21	22-14	Lift presser foot connecting lever.....	抬壓腳連接杠杆.....	1
22	22-15	Guide wheel.....	導輪.....	1
23	NV12	Nut.....	螺帽.....	7
24	A1424	Presser foot lever.....	抬壓腳杠杆.....	1
25	A1425	Fish eye bearing (inner).....	魚眼軸承 (內).....	1
26	A1426	Fish eye bearing (outer).....	魚眼軸承 (外).....	1
27	A1427	Presser foot lift lever connecting block.....	抬壓腳杠杆連接塊.....	1
28	A1428	pin.....	銷.....	1
29	A1429	Torsion spring.....	扭簧.....	1
30	7870125	Screw.....	螺絲.....	5
31	7870634NI	ScrewM5-0.8*14.....	螺絲.....	1
32	15001246	Screw.....	螺絲.....	1
33	A1433	Cover plate.....	蓋板.....	1



ATTACHMENT附件15

<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	7873222	Box.....	小白盒.....	1
2	B1502	Screwdriver.....	螺絲起子.....	1
3	B1503	Wrench (5. 5mm-7mm).....	板手 (6mm-7mm).....	1
4	15001627	Wrench (8mm-10mm).....	板手 (8mm-10mm).....	1
5	7873216	Screwdriver.....	螺絲起子.....	1
6	B1506	Hexagonal Wrench (1. 5mm).....	內六角板手組.....	1
7	7873218	Screwdriver.....	小螺絲刀.....	1
8	B1508	Hexagonal Wrench.....	17#板手.....	1
9	B1509	Hexagonal Wrench.....	5#板手.....	1
10	15001628	Thread Tweezers.....	穿線夾.....	1
11	7873215	Threading Wire.....	穿線鐵絲.....	2
12	A0542F	Retainer.....	假針.....	5
13	A0541F	Needle.....	擊針.....	1
14	A0630	Lower Knife.....	下切刀.....	1
15	A0742	.	上切刀片.....	1
16				
17	B1517	Folder.....	導布器.....	1
18	B1518	Screw (1/8-44x13).....	螺絲.....	1
19				
20	7873301	Oiler.....	油壺.....	1
21	7873302	Funnel.....	漏斗.....	1
22	B1522	Oil.....	潤滑油.....	1
23	B1523	Parts List.....	零件冊.....	1
24	B1524	Instruction Manual.....	說明書.....	1
25	B1525	Folder, C. Set.....	導布器組.....	1
26				
27	B1527	Stable Cap.....	穩定套.....	6

1

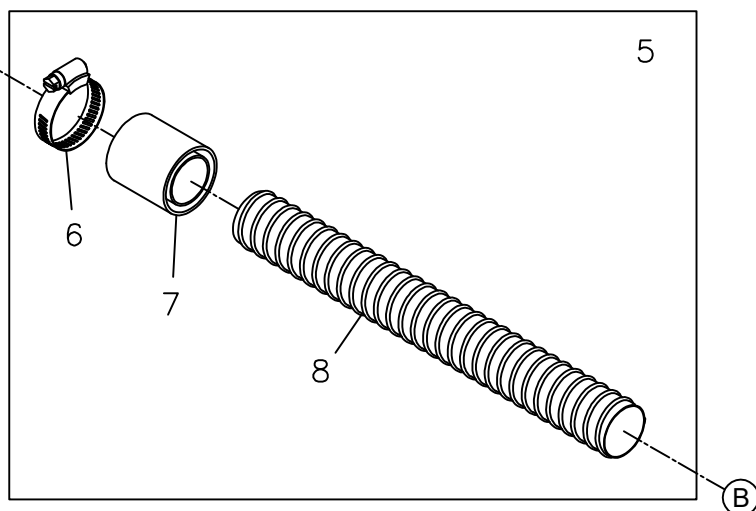
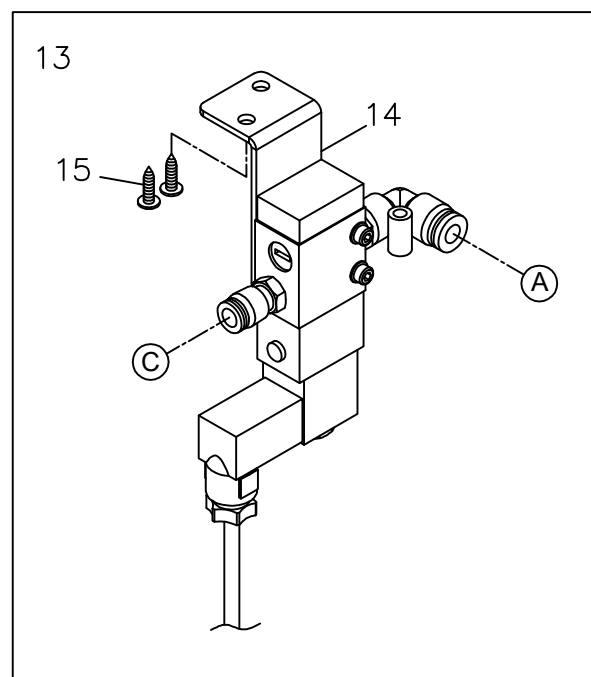
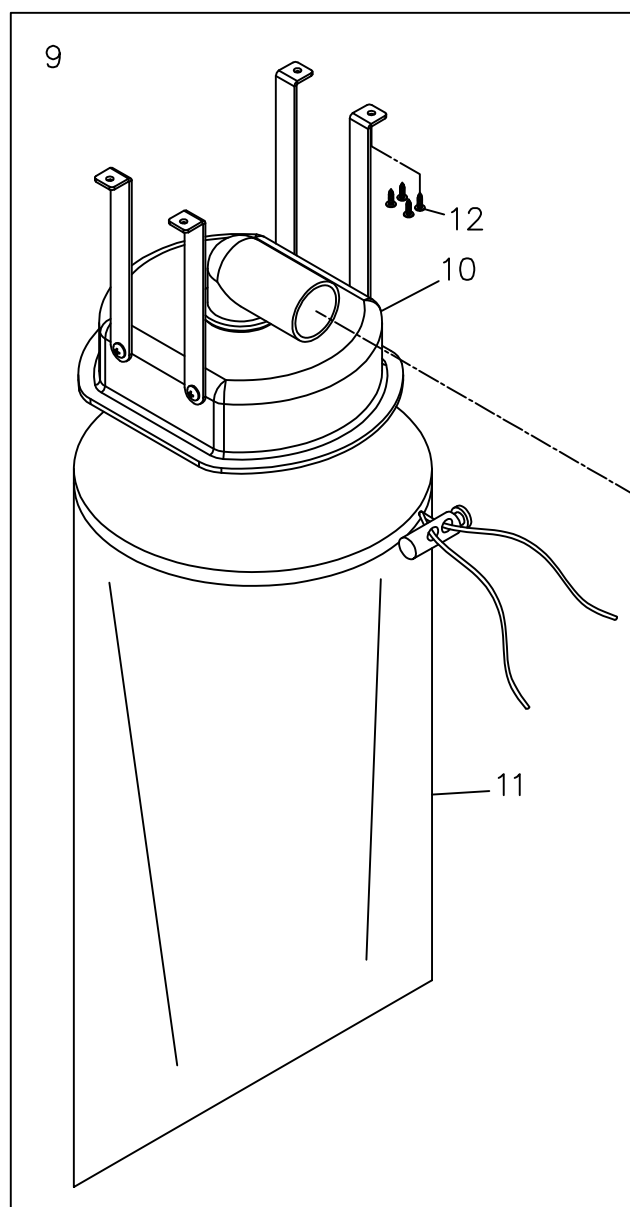
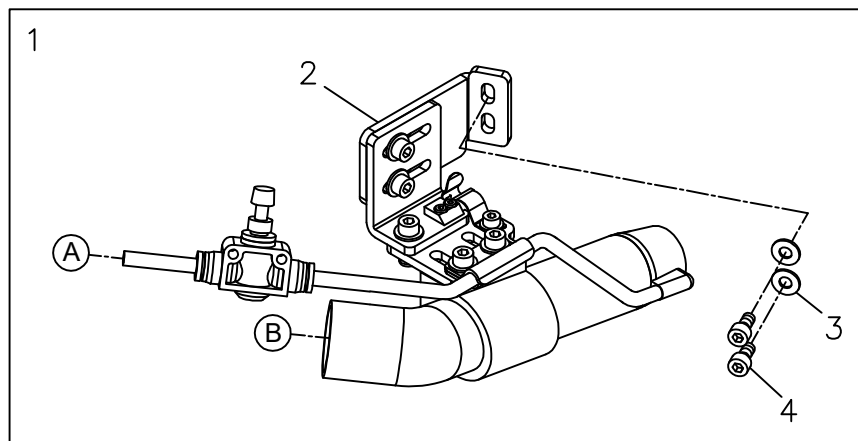
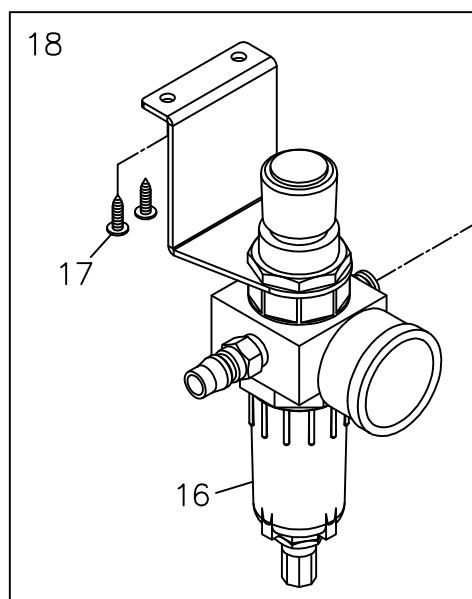


THREAD STAND

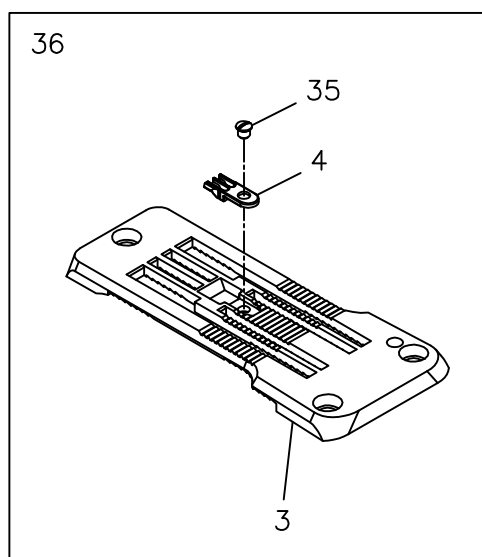
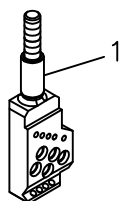
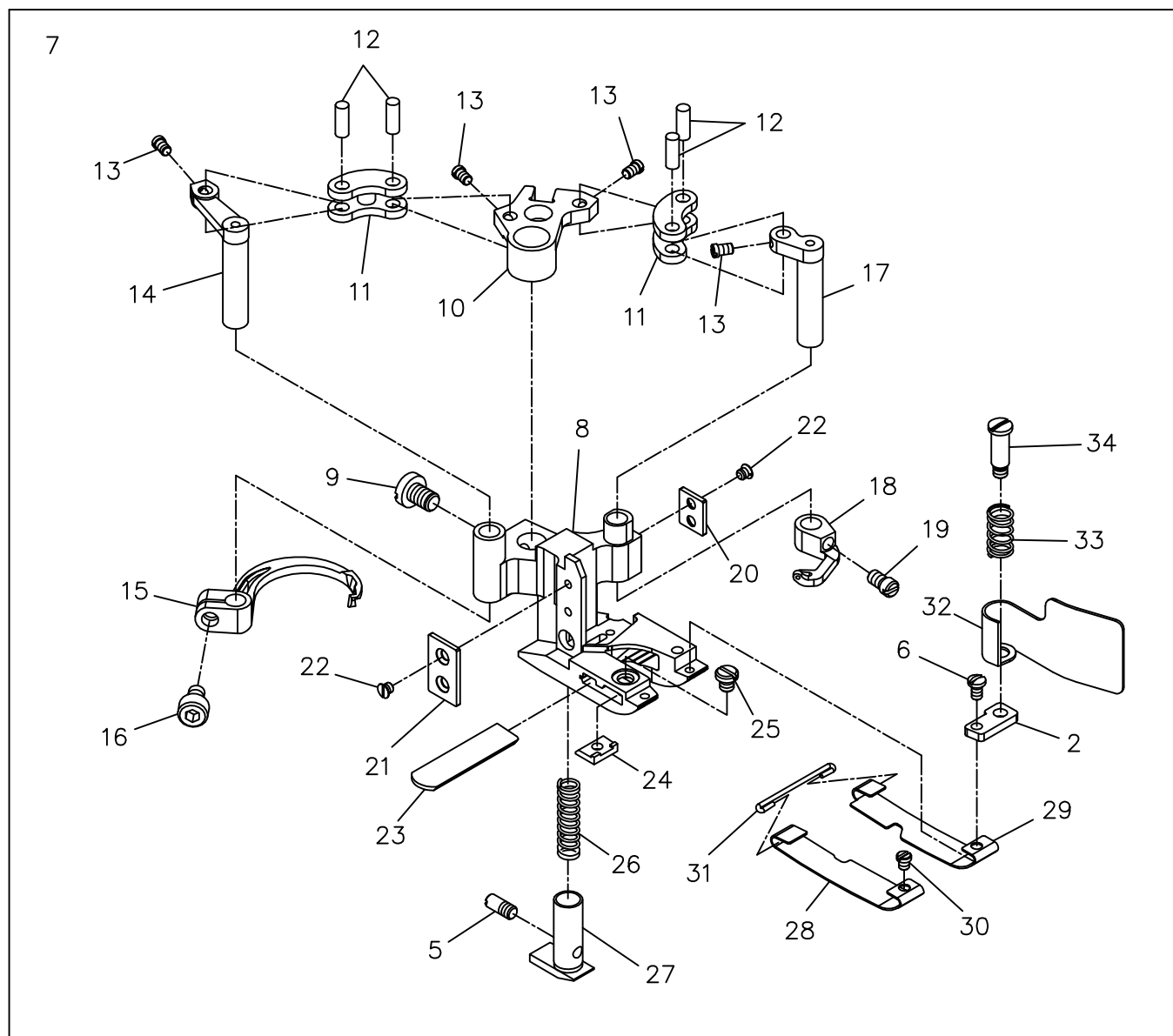
線架組

16

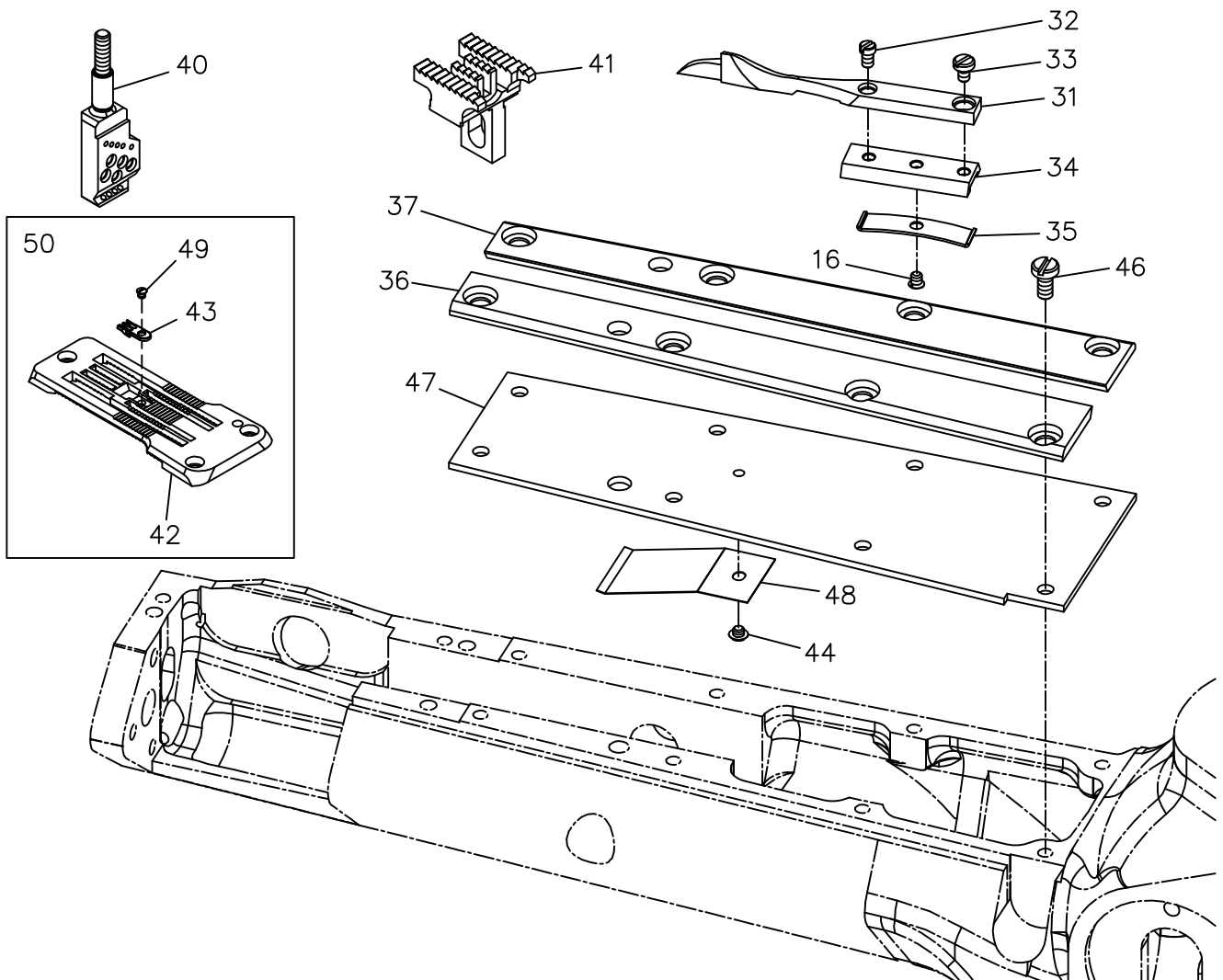
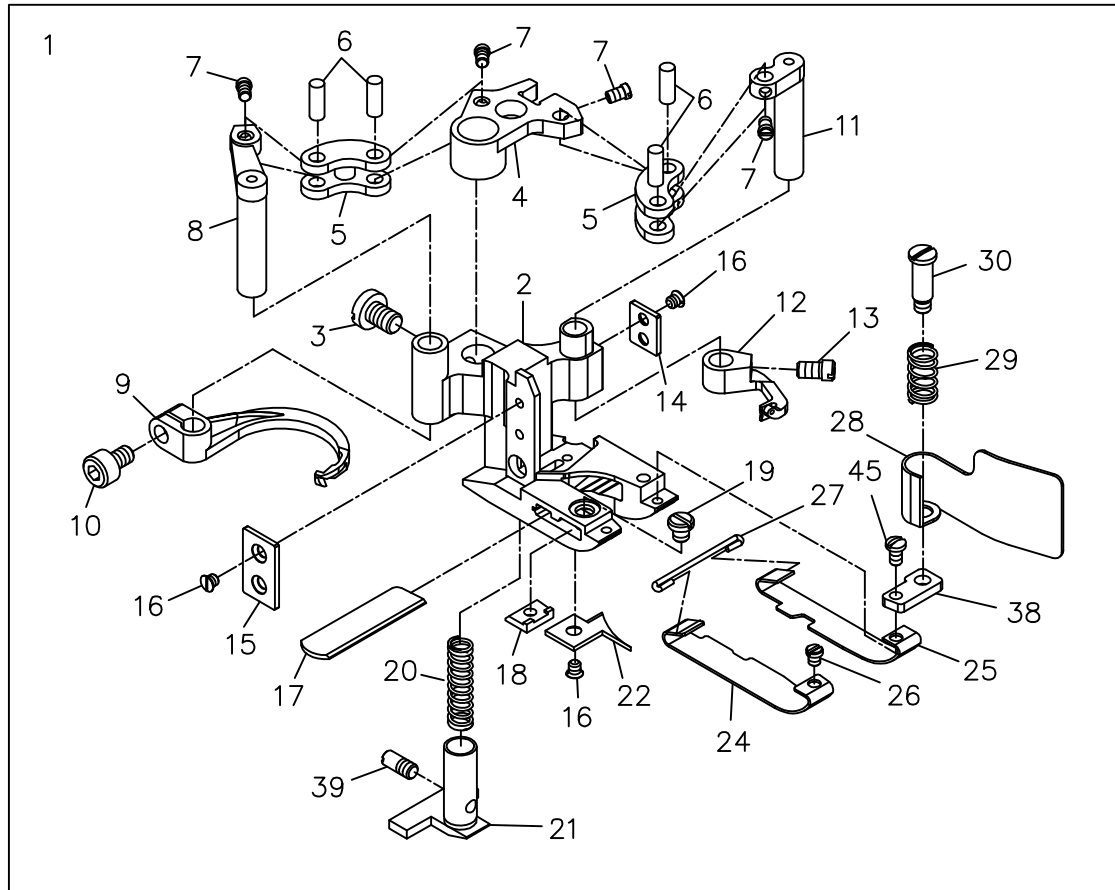
<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	B16001	Thread Stand, C.Set(6 Spools Type).....	線架(六線用).....	1
2	B16002	Column Cap.....	柱頭蓋.....	1
3	B16003	Column Pipe(Upper).....	上線柱.....	1
4	B16004	Thread Guide Holder(Large).....	過線杆固定座(大).....	1
5	B16005	Screw(M4-0.7x20).....	螺絲.....	1
6	B16006	Screw(M4-0.7x12).....	螺絲.....	3
7	B16007	Nut.....	螺帽.....	4
8	B16008	Column Pipe Connector.....	線柱接頭.....	1
9	B16009	Screw(M5-0.8x13).....	螺絲.....	2
10	B16010	Nut.....	螺帽.....	8
11	B16011	Column Pipe(Lower).....	下線柱.....	1
12	B16012	Washer.....	墊片.....	1
13	B16013	Spring Washer.....	彈簧墊片.....	1
14	B16014	Nut.....	螺帽.....	1
15	B16015	Spring Washer.....	彈簧墊片.....	6
16	B16016	Thread Hanger(3 Spools Type).....	3孔過線吊臂.....	4
17	B16017	Thread Eyelet.....	過線孔.....	6
18	B16018	Thread Hanger Holder.....	過線吊臂固定座.....	4
19	B16019	Screw(M6-1×15).....	螺絲.....	4
20	B16020	Thread Guide Arm.....	過線杆連接臂.....	1
21	B16021	Thread Guide Holder(Small).....	過線固定座(小).....	1
22	B16022	Thread Guide(6 Spools Type).....	6孔過線孔.....	1
23	B16023	Spool Cushion.....	線軸避震座.....	6
24	B16024	Spool Pin.....	線軸柱.....	6
25	B16025	Spool Mat.....	線軸墊.....	6
26	B16026	Spool Seat Disc.....	線軸底盤.....	6



<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	B17001	Suction Pipe Unit, C.Set.....	吸布管組.....	1
2	B17002	Suction Pipe Unit.....	吸布管.....	1
3	B17003	Washer.....	墊片.....	2
4	B1402	Screw (M5-0.8x10).....	螺絲.....	2
5	B17005	Take Over, C.Set.....	接管組.....	1
6	B17006	Hose Band.....	管束.....	1
7	B17007	Take Over.....	轉接頭.....	1
8	B17008	Spiral Pipe.....	螺旋管.....	1
9	B17009	Waste Gather System, C.Set.....	集布袋組.....	1
10	B17010	Waste Gather Cover.....	集布蓋.....	1
11	B17011	Waste Gather Bag.....	集布袋.....	1
12	B17012	Wood Screw.....	螺絲.....	4
13	B17013	Solenoid Valve, C.Set.....	電磁閥組.....	1
14	B17014	Solenoid Valve.....	電磁閥.....	1
15	B17015	Wood Screw.....	螺絲.....	2
16	B23016	Filter Regulator.....	調壓篩檢程式.....	1
17	B23017	Wood Screw.....	螺絲.....	2
18	B24016	Filter Regulator, C.Set.....	調壓篩檢程式組.....	1
19	B23015	Air Tube (4x6x250mm).....	PU管.....	1



<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	A0559	Needle Clamp.....	針鉗.....	1
2	A0635	Chip Guard Plate.....	切角防護片座.....	1
3	A0560	Stitch Plate.....	針板.....	1
4	A0561	Stitch Plate Tongue.....	針板舌片.....	1
5	A0506	Screw(1/8-44x4).....	螺絲.....	1
6	A0664	Screw(3/32-56x4).....	螺絲.....	1
7	A0666	One Side Cut Presser Foot, C.Set.....	單切壓腳組.....	1
8	A0667	One Side Cut Presser Foot.....	單切壓腳.....	1
9	A0616	Screw(11/64-40x6.5).....	螺絲.....	1
10	A0617	Carrier/Hook Driving Segment.....	上勾針驅動扇形片.....	1
11	A0618	Carrier/Hook Driving Lever Link.....	上勾針驅動連杆.....	2
12	A0619	Link Pin.....	連杆插銷.....	4
13	A0620	Screw(3/32-56x3.3).....	螺絲.....	4
14	A0621	Thread Hook Driving Lever.....	勾針驅動杠杆.....	1
15	A0622	Top Cover Thread Hook.....	上飾線過線勾.....	1
16	A0623	Screw(9/64-40x7).....	螺絲.....	1
17	A0624	Top Cover Thread Carrier Driving Lever.....	上飾線托架驅動杠杆.....	1
18	A0669	Top Cover Thread Carrier.....	上飾線托架.....	1
19	A0626	Screw(1/8-44x5.3).....	螺絲.....	1
20	A0627	Presser Foot Attach Piece(Right).....	壓腳連接片(右).....	1
21	A0628	Presser Foot Attach Piece(Left).....	壓腳連接片(左).....	1
22	A0629	Screw(3/32-56x2.5).....	螺絲.....	4
23	A0630	Lower Knife.....	下切刀.....	1
24	A1218	Lower Knife Clamp.....	下切刀夾板.....	1
25	A0632	Screw(1/8-44x3.5).....	螺絲.....	1
26	A0633	Yielding Section Spring.....	小壓具彈簧.....	1
27	A0634	Yielding Section.....	小壓具.....	1
28	A0636	Presser Foot Spring Plate(Left).....	壓腳彈簧片(左).....	1
29	A0637	Presser Foot Spring Plate(Right).....	壓腳彈簧片(右).....	1
30	A0638	Screw(3/32-56x2.6).....	螺絲.....	1
31	A0639	Spring Plate Holder.....	彈簧片固定鐵勾.....	1
32	A1228	Chip Guard.....	切角防護片.....	1
33	A0641	Chip Guard Spring.....	切角防護片彈簧.....	1
34	A0642	Screw(1/8-44x2.2).....	螺絲.....	1
35	A0546	Screw(3/32-56x2.8).....	螺絲.....	1
36	A0576	Stitch Plate, C.Set.....	針板組(單切6.0).....	1

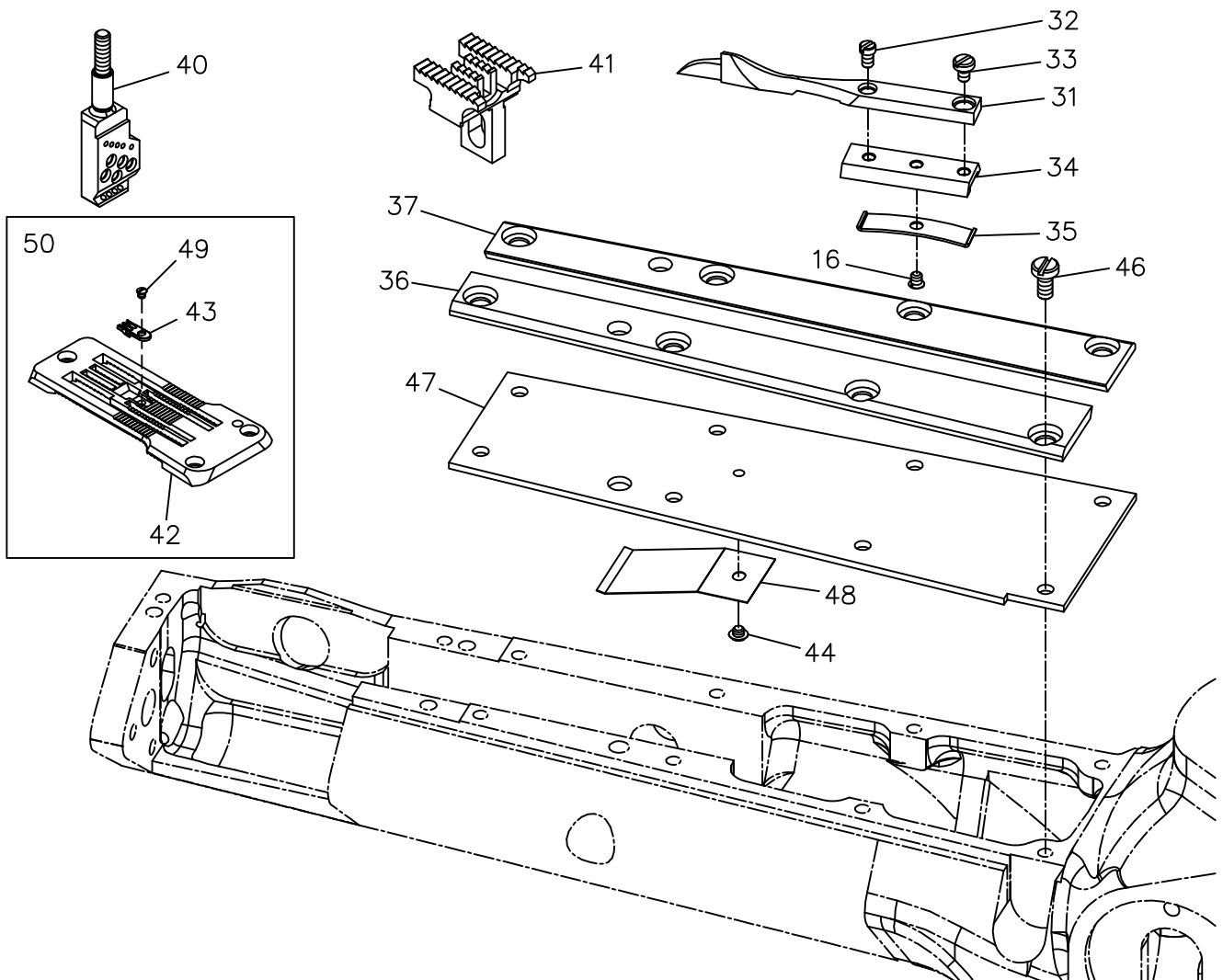
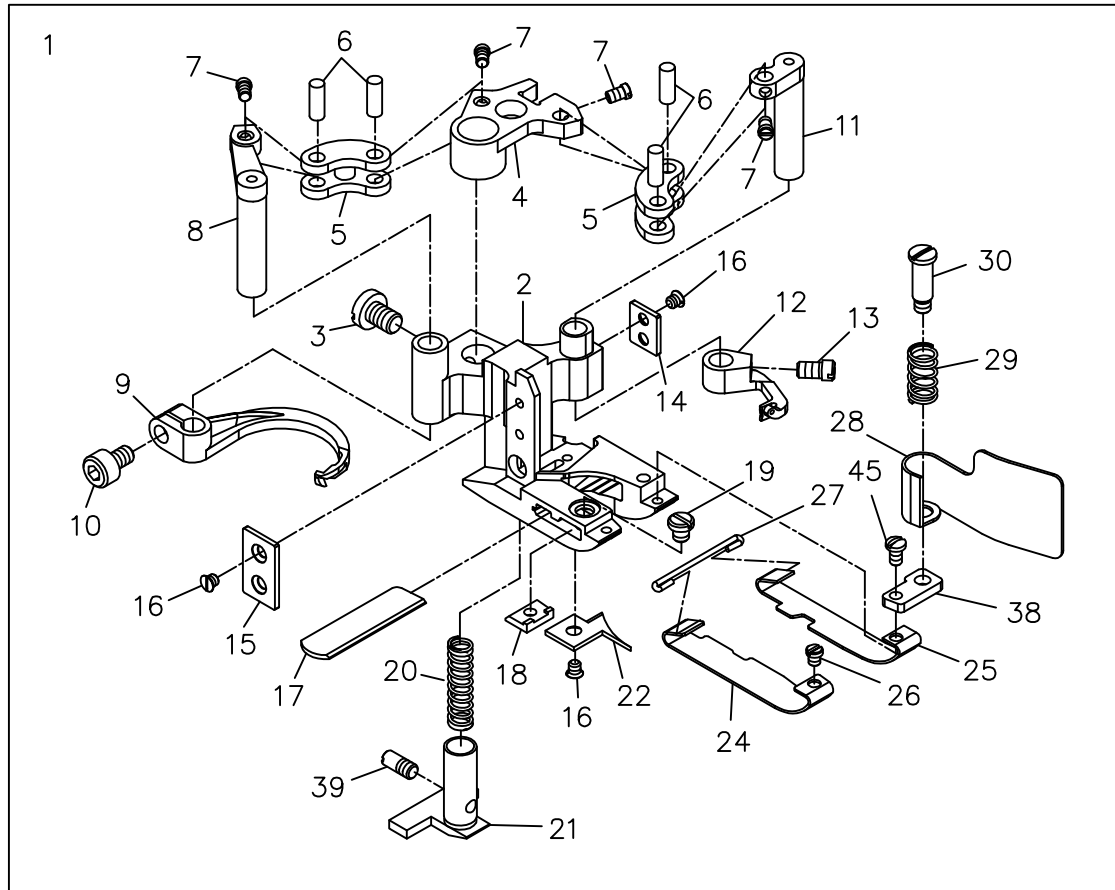


12MS EXCLUSIVE PARTS

專用零件

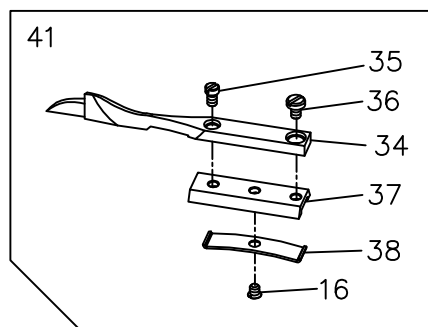
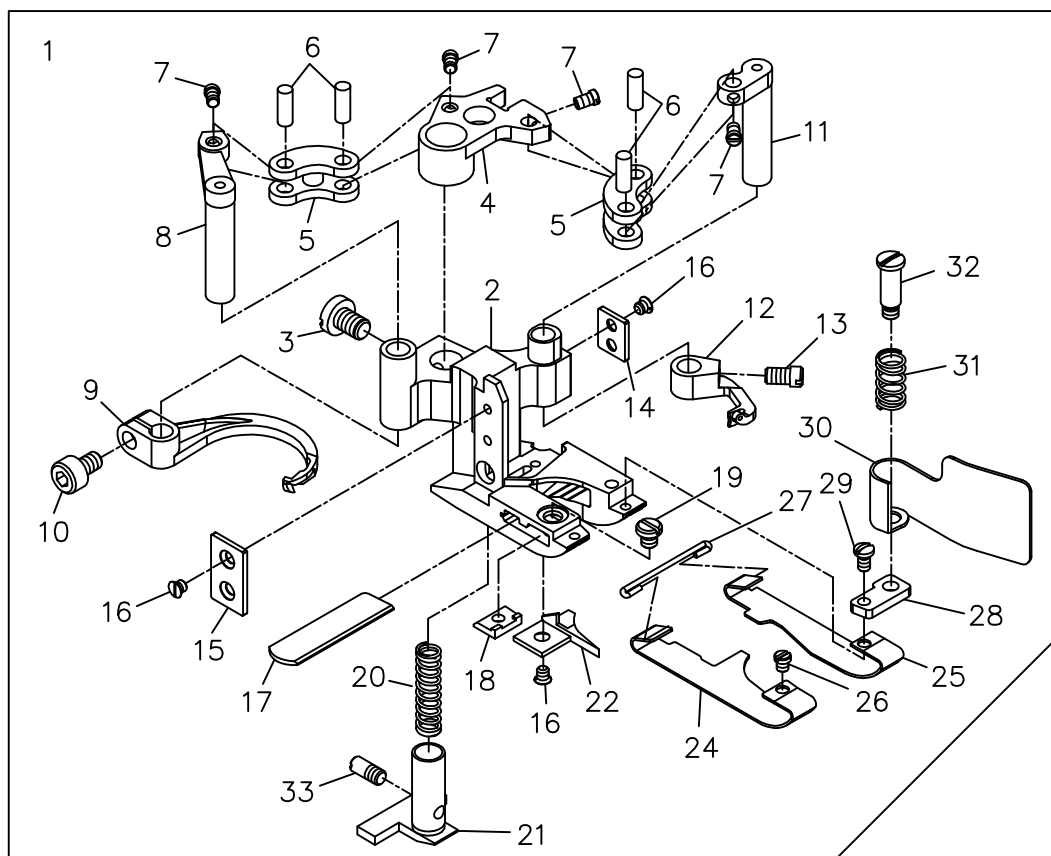
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<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	A1257	Double Side Cut Presser Foot, C.Set.....	雙切壓腳組.....	1
2	A1256	Double Side Cut Presser Foot.....	雙切壓腳.....	1
3	A0616	Screw(11/64-40x6.5).....	螺絲.....	1
4	A0617	Carrier/Hook Driving Segment.....	上勾針驅動扇形片.....	1
5	A0618	Carrier/Hook Driving Lever Link.....	上勾針驅動連杆.....	2
6	A0619	Link Pin.....	連杆插銷.....	4
7	A0620	Screw(3/32-56x3.3).....	螺絲.....	4
8	A0621	Thread Hook Driving Lever.....	勾針驅動杠杆.....	1
9	A0622	Top Cover Thread Hook.....	上飾線過線勾.....	1
10	A0623	Screw(9/64-40x7).....	螺絲.....	1
11	A0624	Top Cover Thread Carrier Driving Lever.....	上飾線托架驅動杠杆.....	1
12	A0669	Top Cover Thread Carrier.....	上飾線托架.....	1
13	A0626	Screw(1/8-44x5.3).....	螺絲.....	1
14	A0627	Presser Foot Attach Piece(Right).....	壓腳連接片(右).....	1
15	A0628	Presser Foot Attach Piece(Left).....	壓腳連接片(左).....	1
16	A0629	Screw(3/32-56x2.5).....	螺絲.....	6
17	A0630	Lower Knife.....	下切刀.....	1
18	A1218	Lower Knife Clamp.....	下切刀夾板.....	1
19	A0632	Screw(1/8-44x3.5).....	螺絲.....	1
20	A0633	Yielding Section Spring.....	小壓具彈簧.....	1
21	A1221	Yielding Section.....	小壓具.....	1
22	A1222	Presser Foot Tongue.....	壓腳舌片.....	1
23				
24	A1224	Presser Foot Spring Plate(Left).....	壓腳彈簧片(左).....	1
25	A1225	Presser Foot Spring Plate(Right).....	壓腳彈簧片(右).....	1
26	A0638	Screw(3/32-56x2.6).....	螺絲.....	1
27	A0639	Spring Plate Holder.....	彈簧片固定鐵勾.....	1
28	A1228	Chip Guard.....	切角防護片.....	1
29	A0641	Chip Guard Spring.....	切角防護片彈簧.....	1
30	A0642	Screw(1/8-44x 2.2).....	螺絲.....	1
31	A1231	Lap Former.....	前導布器(薄料用).....	1
32	A1232	Screw(3/32-56x3.8).....	螺絲.....	1
33	A1233	Screw(3/32-56x3.8).....	螺絲.....	1
34	A1234	Lap Former Slide Block.....	前導布器滑塊.....	1
35	A1235	Lap Former Slide Block Spring.....	前導布器滑塊彈簧片.....	1
36	A1236	Lap Former Guide Plate(Left).....	前導布器導軌(左).....	1
37	A1237	Lap Former Guide Plate(Right).....	前導布器導軌(右).....	1
38	A0635	Chip Guard Plate.....	切角防護片座.....	1
39	A0506	Screw(1/8-44x4).....	螺絲.....	1
40	A0559	Needle Clamp.....	針鉗.....	1

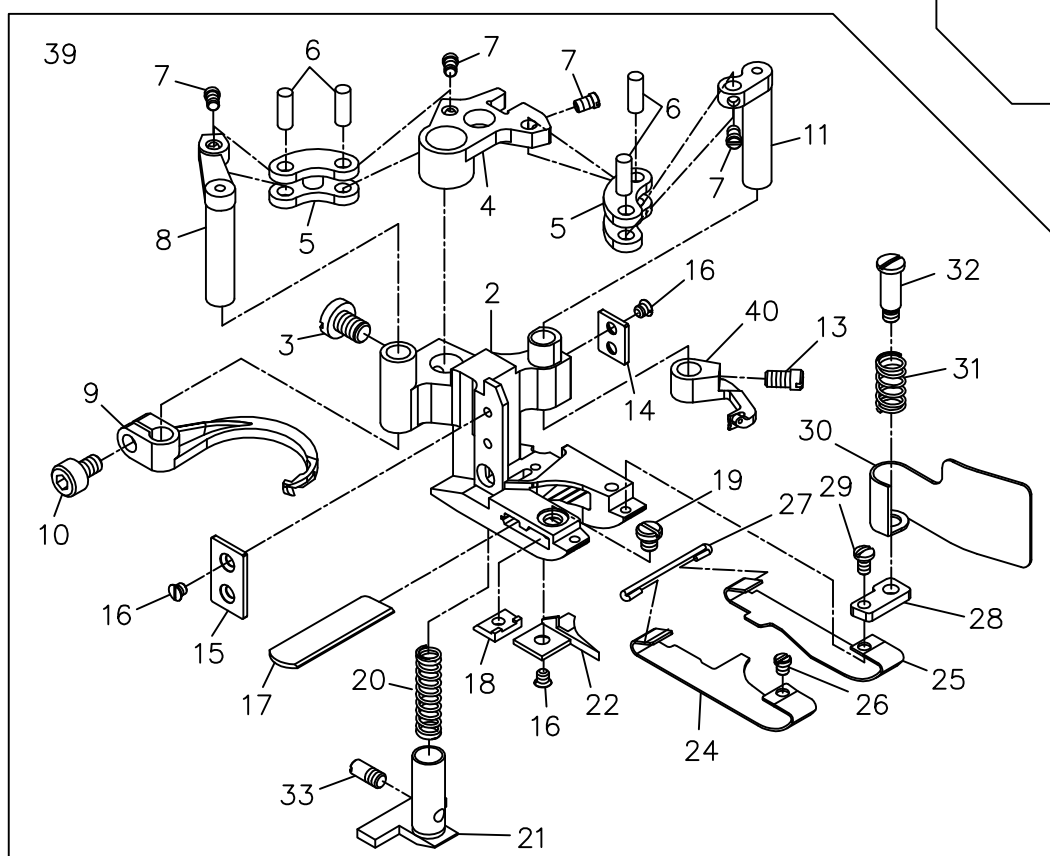


12MS EXCLUSIVE PARTS

<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
41	A1241	Main Feed Dog.....	主齒.....	1
42	A1255	Stitch Plate.....	針板.....	1
43	A0561	Stitch Plate Tongue.....	針板舌片.....	1
44	A0220	Screw(3/32-56x1.7).....	螺絲.....	1
45	A0664	Screw(3/32-56x4).....	螺絲.....	1
46	A0218	Screw(1/8-44x6.5).....	螺絲.....	8
47	A1239	Sewing Cylinder Cover(Upper).....	下巴蓋板.....	1
48	A0219	Dust Defender(Upper).....	防塵蓋(上).....	1
49	A0546	Screw(3/32-56x2.8).....	螺絲.....	1
50	A1252	Stitch Plate, C.Set.....	針板組(雙切6.0).....	1



02-G2H

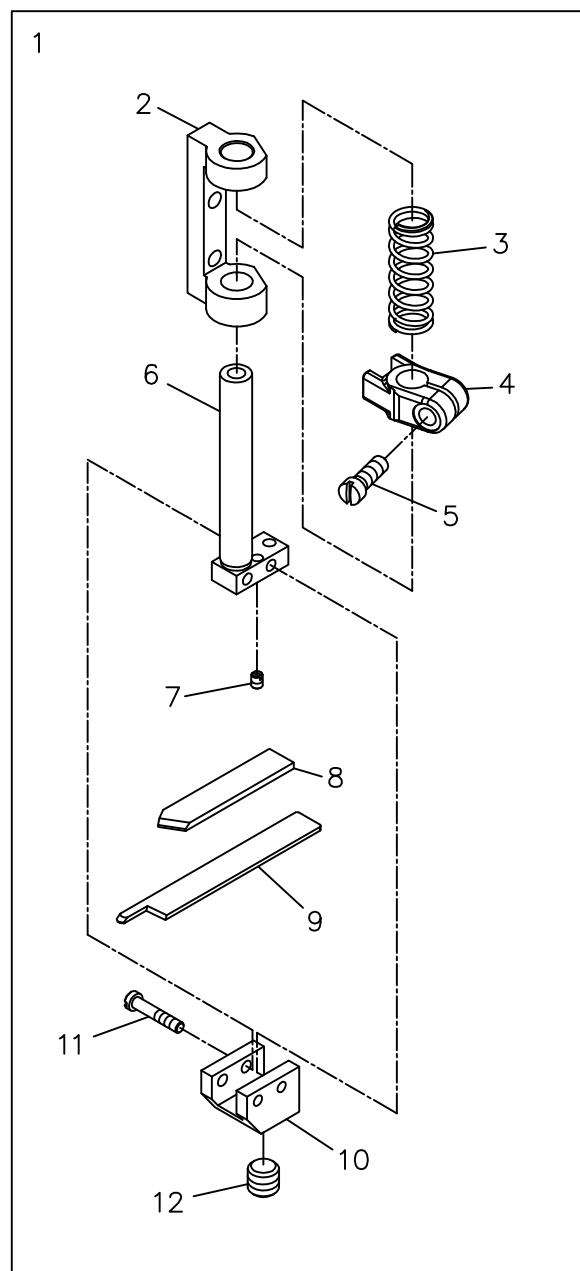


12HR/12HS EXCLUSIVE PARTS

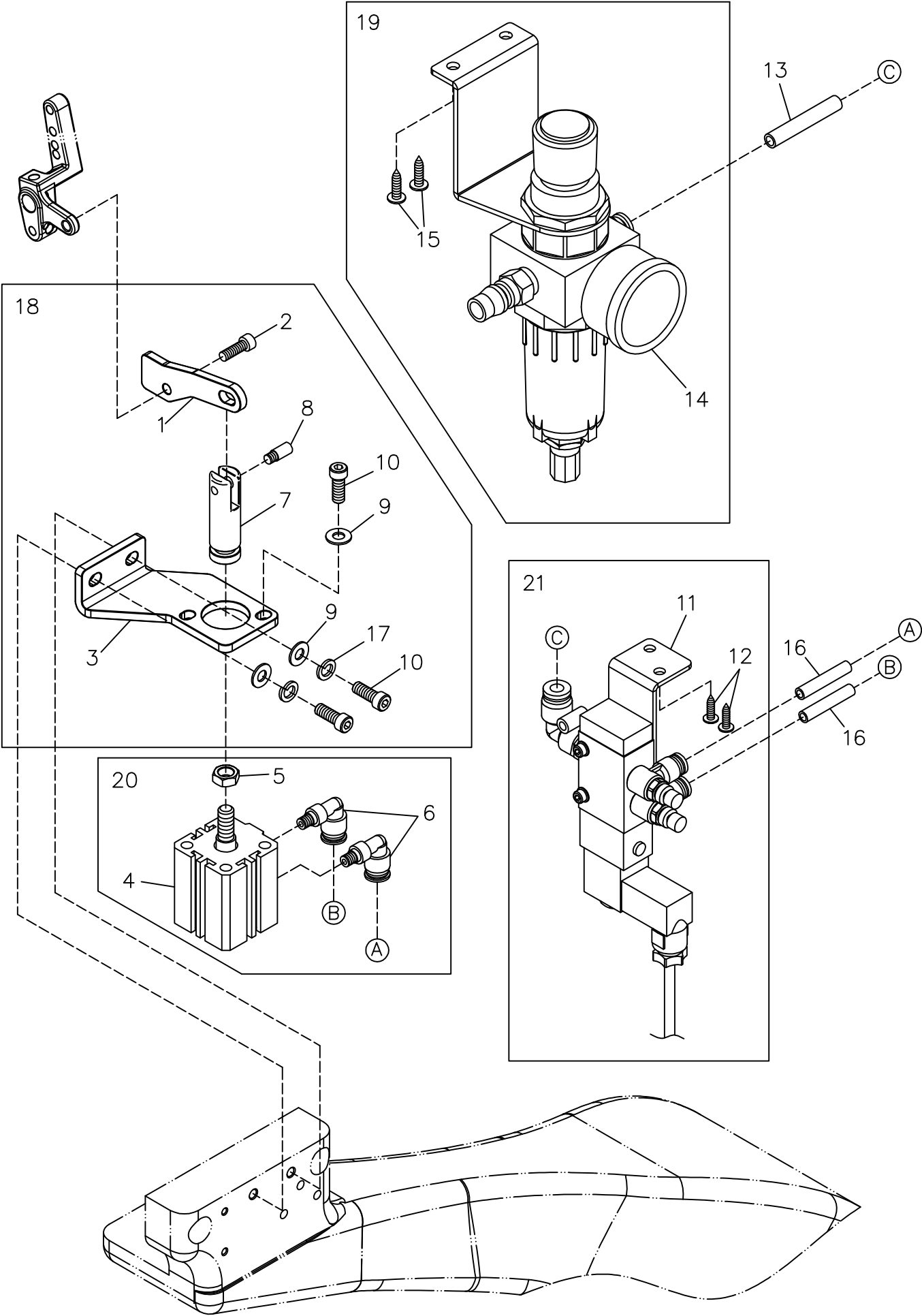
專用零件

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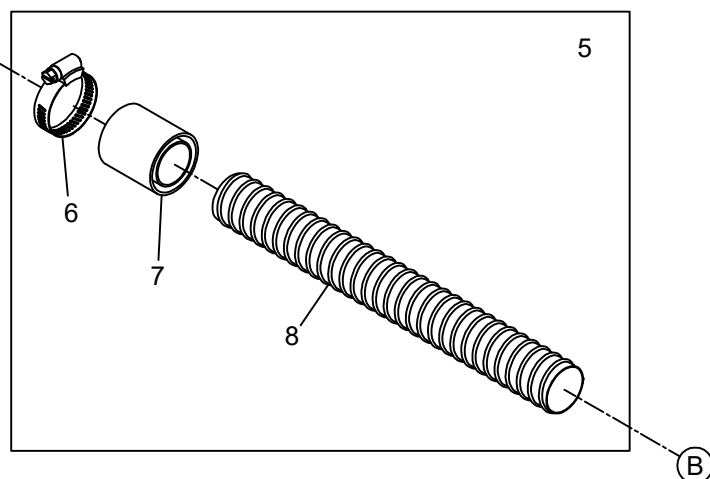
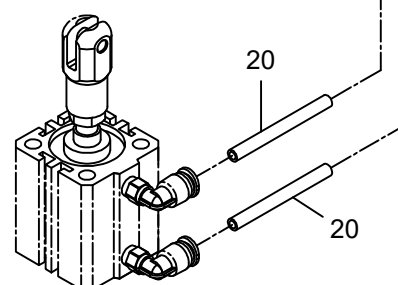
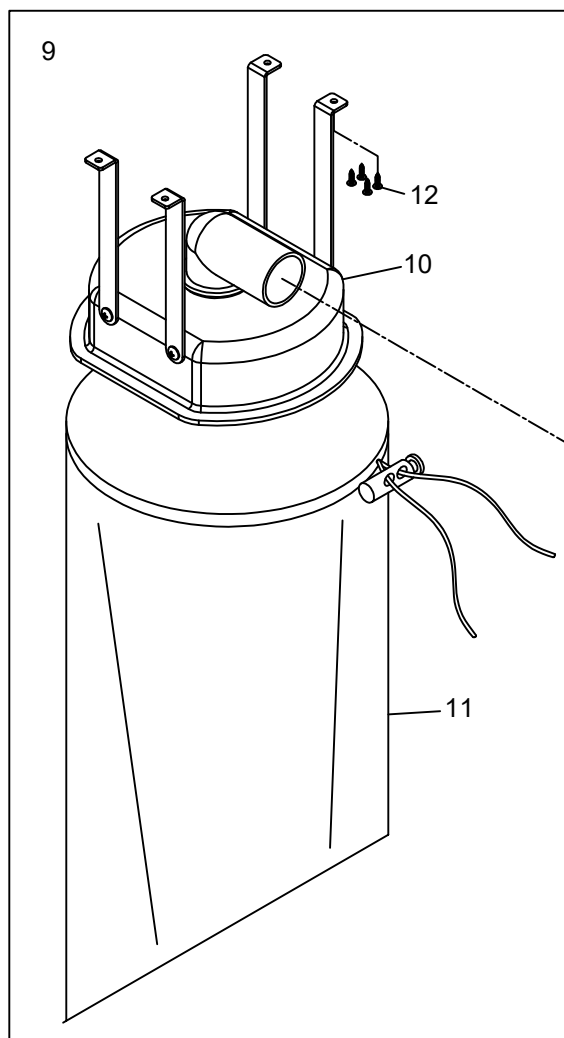
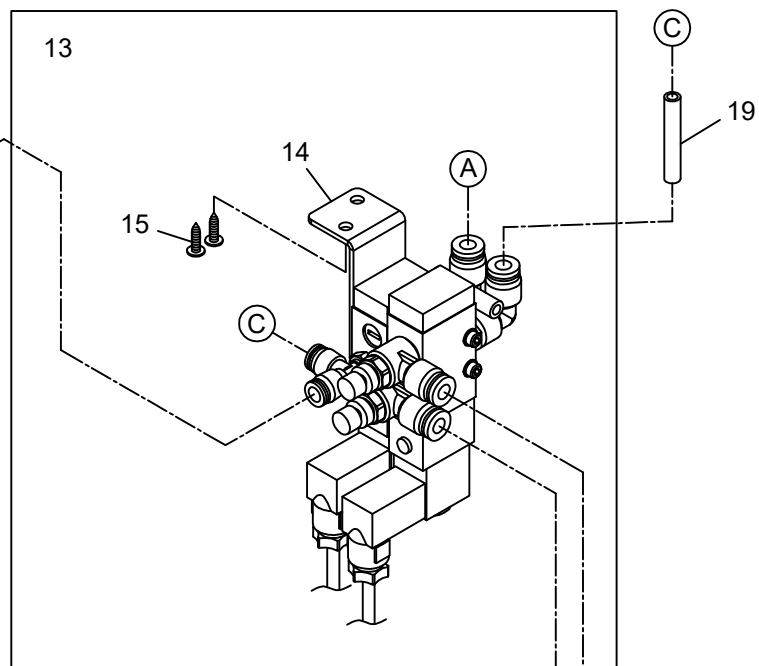
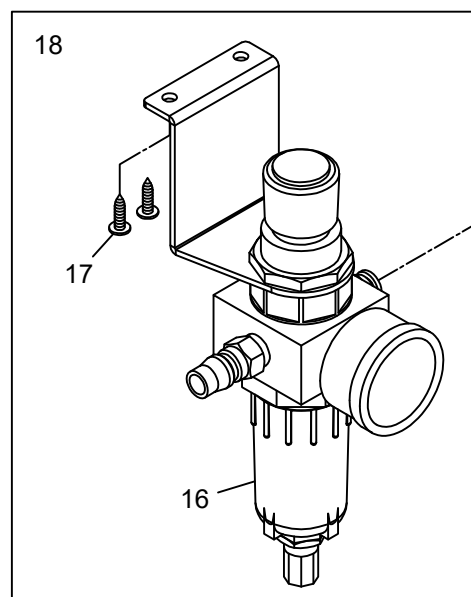
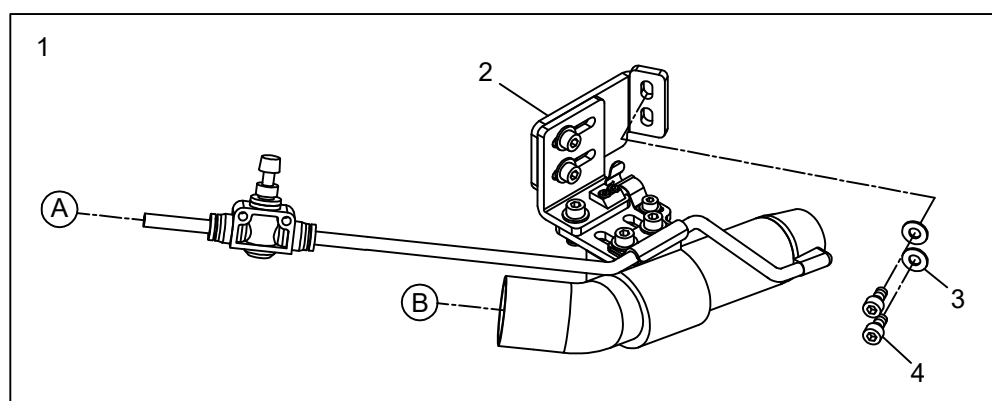
<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	B1901	Double Side Cut Presser Foot, C.Set.....	雙切壓腳組.....	1
2	B1902	Double Side Cut Presser Foot.....	雙切壓腳.....	1
3	A0616	Screw(11/64-40x6.5).....	螺絲.....	1
4	A0617	Carrier/Hook Driving Segment.....	上勾針驅動扇形片.....	1
5	A0618	Carrier/Hook Driving Lever Link.....	上勾針驅動連杆.....	2
6	A0619	Link Pin.....	連杆插銷.....	4
7	A0620	Screw(3/32-56x3.3).....	螺絲.....	4
8	A0621	Thread Hook Driving Lever.....	勾針驅動杠杆.....	1
9	A0622	Top Cover Thread Hook.....	上飾線過線勾.....	1
10	A0623	Screw(9/64-40x7).....	螺絲.....	1
11	A0624	Top Cover Thread Carrier Driving Lever.....	上飾線托架驅動杠杆.....	1
12	A0625	Top Cover Thread Carrier.....	上飾線托架.....	1
13	A0626	Screw(1/8-44x5.3).....	螺絲.....	1
14	A0627	Presser Foot Attach Piece(Right).....	壓腳連接片(右).....	1
15	A0628	Presser Foot Attach Piece(Left).....	壓腳連接片(左).....	1
16	A0629	Screw(3/32-56x2.5).....	螺絲.....	6
17	B1917	Lower Knife.....	下切刀.....	1
18	A1218	Lower Knife Clamp.....	下切刀夾板.....	1
19	A0632	Screw(1/8-44x3.5).....	螺絲.....	1
20	A0633	Yielding Section Spring.....	小壓具彈簧.....	1
21	A1221	Yielding Section.....	小壓具.....	1
22	B1922	Presser Foot Tongue.....	壓腳舌片.....	1
23				
24	B1924	Presser Foot Spring Plate(Left).....	壓腳彈簧片(左).....	1
25	B1925	Presser Foot Spring Plate(Right).....	壓腳彈簧片(右).....	1
26	A0638	Screw(3/32-56x2.6).....	螺絲.....	1
27	A0639	Spring Plate Holder.....	彈簧片固定鐵勾.....	1
28	A0635	Chip Guard Plate.....	切角防護片座.....	1
29	A0664	Screw(3/32-56x4).....	螺絲.....	1
30	A1228	Chip Guard.....	切角防護片.....	1
31	A0641	Chip Guard Spring.....	切角防護片彈簧.....	1
32	A0642	Screw(1/8-44x2.2).....	螺絲.....	1
33	A0506	Screw(1/8-44x4).....	螺絲.....	1
34	B1933	Lap Former.....	前導布器(厚料用).....	1
35	A1232	Screw(3/32-56x3.8).....	螺絲.....	1
36	A1233	Screw(3/32-56x3.8).....	螺絲.....	1
37	A1234	Lap Former Slide Block.....	前導布器滑塊.....	1
38	A1235	Lap Former Slide Block Spring.....	前導布器滑塊彈簧片.....	1
39	B6012H	Double Side Cut Presser Foot, C.Set.....	雙切壓腳組.....	1
40	A0669	Top Cover Thread Carrier.....	上飾線托架.....	1
41	B1934	Lap Former, C.Set.....	前導布器組(厚料用).....	1



<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	B2101	Knife Holder Guide Collar, C.Set.....	活動刀組.....	1
2	A0733	Knife Holder Shank Support.....	上切刀固定座支架.....	1
3	A0734	Knife Holder Spring.....	上切刀固定座彈簧.....	1
4	A0735	Knife Holder Guide Collar.....	上切刀彈簧固定座.....	1
5	A0736	Screw(9/64-40x10.3).....	螺絲.....	1
6	B2106	Knife Holder Shank.....	上切刀固定座柄.....	1
7	A0739	Screw(3/32-56x3.8).....	螺絲.....	1
8	B2108	Knife Support.....	上切刀支架.....	1
9	B2109	Upper Knife.....	上切刀.....	1
10	B2110	Knife Holder.....	上切刀固定座.....	1
11	B2111	Screw(3/32-56x7).....	螺絲.....	2
12	A0745	Screw(1/4-40x5).....	螺絲.....	1

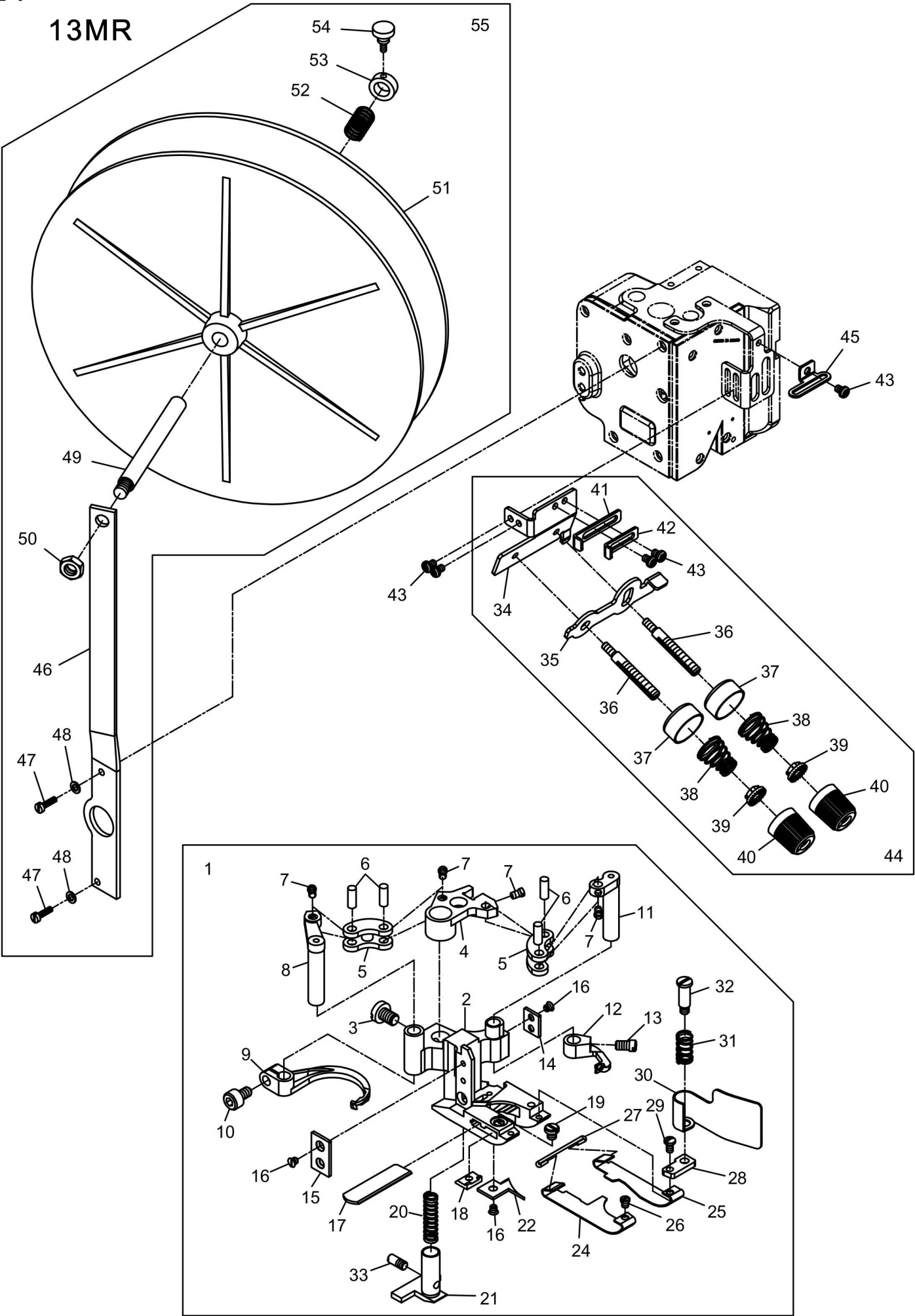


<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	B2572	Presser Bar Lifter Lever.....	抬壓腳連杆.....	1
2	B1402	Screw (M5-0.8x10).....	螺絲.....	1
3	B2537	Cylinder Support Plate.....	氣缸支架.....	1
4	B23104	Cylinder.....	氣缸.....	1
5	B23105	Nut.....	螺帽.....	1
6	B23106	Air Tube Joint.....	快速接頭.....	2
7	B2519	“Y” Joint.....	Y接頭.....	1
8	B1410	Screw (M5-0.8x5).....	螺絲.....	1
9	B2522	Washer.....	墊片.....	4
10	A1313	Screw (M6-1x16).....	螺絲.....	4
11	B22119	Solenoid Valve.....	電磁閥.....	1
12	B17015	Wood Screw.....	螺絲.....	2
13	B23015	Air Tube (4x6x250mm).....	PU管.....	1
14	B23016	Filter Regulator.....	調壓篩檢程式.....	1
15	B23017	Wood Screw.....	螺絲.....	2
16	B23018	Air Tube (4x6x900mm).....	PU管.....	2
17	B1435	Spring Washer.....	彈簧墊片.....	2
18	B23108	Presser Bar Lifter Accessories.....	氣動抬壓腳配件.....	1
19	B24016	Filter Regulator, C.Set.....	調壓篩檢程式組.....	1
20	B23109	Cylinder, C.Set.....	氣缸組.....	1
21	B22116	Solenoid Valve, C.Set.....	電磁閥組.....	1



<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	B17001	Suction Pipe Unit, C.Set.....	吸布管組.....	1
2	B17002	Suction Pipe Unit.....	吸布管.....	1
3	B17003	Washer.....	墊片.....	2
4	B1402	Screw (M5-0.8x10).....	螺絲.....	2
5	B17005	Take Over, C.Set.....	接管組.....	1
6	B17006	Hose Band.....	管束.....	1
7	B17007	Take Over.....	轉接頭.....	1
8	B17008	Spiral Pipe.....	螺旋管.....	1
9	B17009	Waste Gather System, C.Set.....	集布袋組.....	1
10	B17010	Waste Gather Cover.....	集布蓋.....	1
11	B17011	Waste Gather Bag.....	集布袋.....	1
12	B17012	Wood Screw.....	螺絲.....	4
13	B23113	Solenoid Valve, C.Set.....	電磁閥組.....	1
14	B23111	Solenoid Valve.....	電磁閥.....	1
15	B17015	Wood Screw.....	螺絲.....	2
16	B23016	Filter Regulator.....	調壓篩檢程式.....	1
17	B23017	Wood Screw.....	螺絲.....	2
18	B24016	Filter Regulator, C.Set.....	調壓篩檢程式組.....	1
19	B23015	Air Tube (4x6x250mm).....	PU管.....	2
20	B23018	Air Tube (4x6x900mm).....	PU管.....	2

13MR



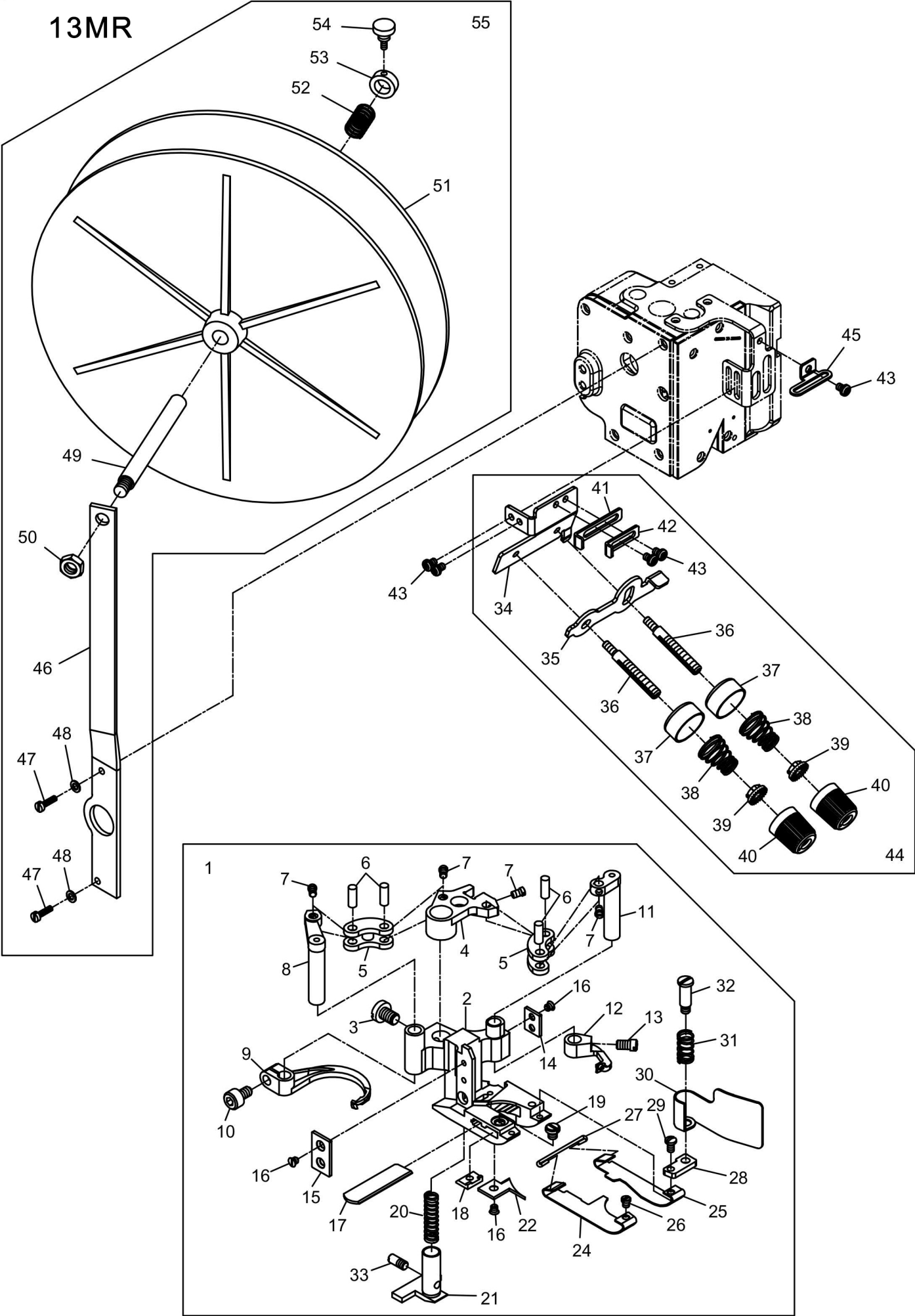
13MR EXCLUSIVE PARTS

專用零件

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<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
1	B25001	Double Side Cut Presser Foot.C.Set.....	雙切壓腳組.....	1
2	B25002	Double Side Cut Presser Foot.....	雙切壓腳.....	1
3	A0616	Screw(11/64-40x6.5).....	螺絲.....	1
4	A0617	Carrier/Hook Driving Segment.....	上勾針驅動扇形片.....	1
5	A0618	Carrier/Hook Driving Lever Link.....	上勾針驅動連杆.....	24
6	A0619	Link Pin.....	連杆插銷.....	4
7	A0620	Screw(3/32-56x3.3).....	螺絲.....	1
8	A0621	Thread Hook Driving Lever.....	勾針驅動杠杆.....	1
9	A0622	Top Cover Thread Hook.....	上飾線過線勾.....	1
10	A0623	Screw(9/64-40x7).....	螺絲.....	1
11	A0624	Top Cover Thread Carrier Driving Lever.....	上飾線托架驅動杠杆.....	1
12	A0625	Top Cover Thread Carrier.....	上飾線托架.....	1
13	A0626	Screw(1/8-44x5.3).....	螺絲.....	1
14	A0627	Presser Foot Attach Piece(Right).....	壓腳連接片(右).....	1
15	A0628	Presser Foot Attach Piece(Left).....	壓腳連接片(左).....	1
16	A0629	Screw(3/32-56x2.5).....	螺絲.....	5
17	B1917	Lower Knife.....	下切刀.....	1
18	A1218	Lower Knife Clamp.....	下切刀夾板.....	1
19	A0632	Screw(1/8-44x3.5).....	螺絲.....	1
20	A0633	Yielding Section Spring.....	小壓具彈簧.....	1
21	A1221	Yielding Section.....	小壓具.....	1
22	A1222	Presser Foot Tongue.....	壓腳舌片.....	1
23	A1224	Presser Foot Spring Plate(Left).....	壓腳彈簧片(左).....	1
24	A1225	Presser Foot Spring Plate(Right).....	壓腳彈簧片(右).....	1
25	A0638	Screw(3/32-56x2.6).....	螺絲.....	1
26	A0639	Spring Plate Holder.....	彈簧片固定鐵勾.....	1
27	A0635	Chip Guard Plate.....	切角防護片座.....	1
28	A0664	Screw(3/32-56x4).....	螺絲.....	1
29	A1228	Chip Guard.....	切角防護片.....	1
30	A0641	Chip Guard Spring.....	切角防護片彈簧.....	1
31	A0642	Screw(1/8-44x2.2).....	螺絲.....	1
32	A0506	Screw(1/8-44x4).....	螺絲.....	1
33				
34	B25034	Guide.....	固定板.....	1
35	B25035	Tension Dist.....	夾布片.....	1
36	B25036	Screw Stud.....	螺樁.....	2
37	C03005	Thread Tension Spring Retainer.....	上線張力彈簧固定座.....	2
38	C03003	Tension Spring(Needle).....	針線張力彈簧.....	2
39	C03002	Tension Spring Bushing.....	張力彈簧套管.....	2
40	C03001	Thread Tension Spring Cap.....	上線張力彈簧調整鈕.....	2

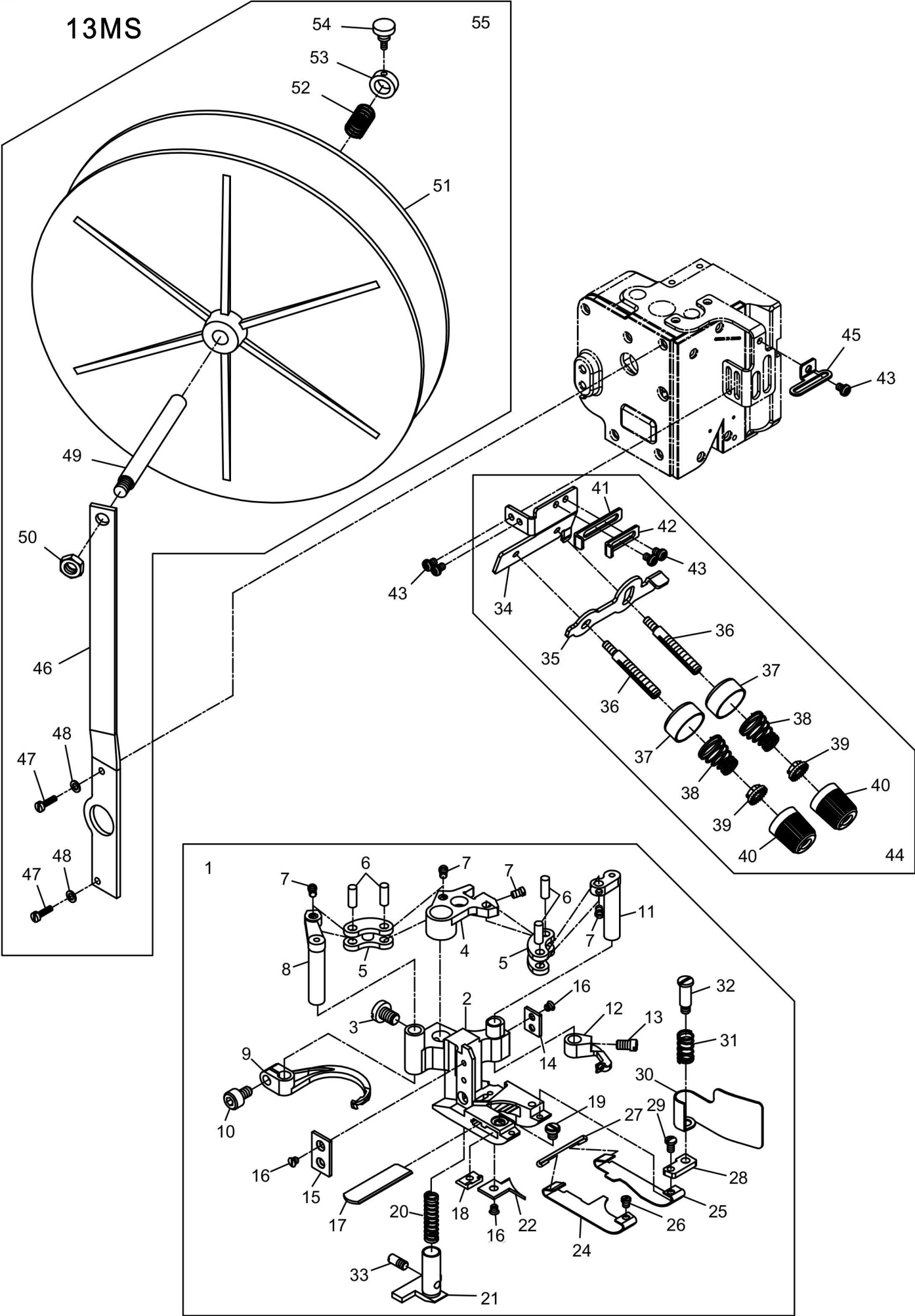
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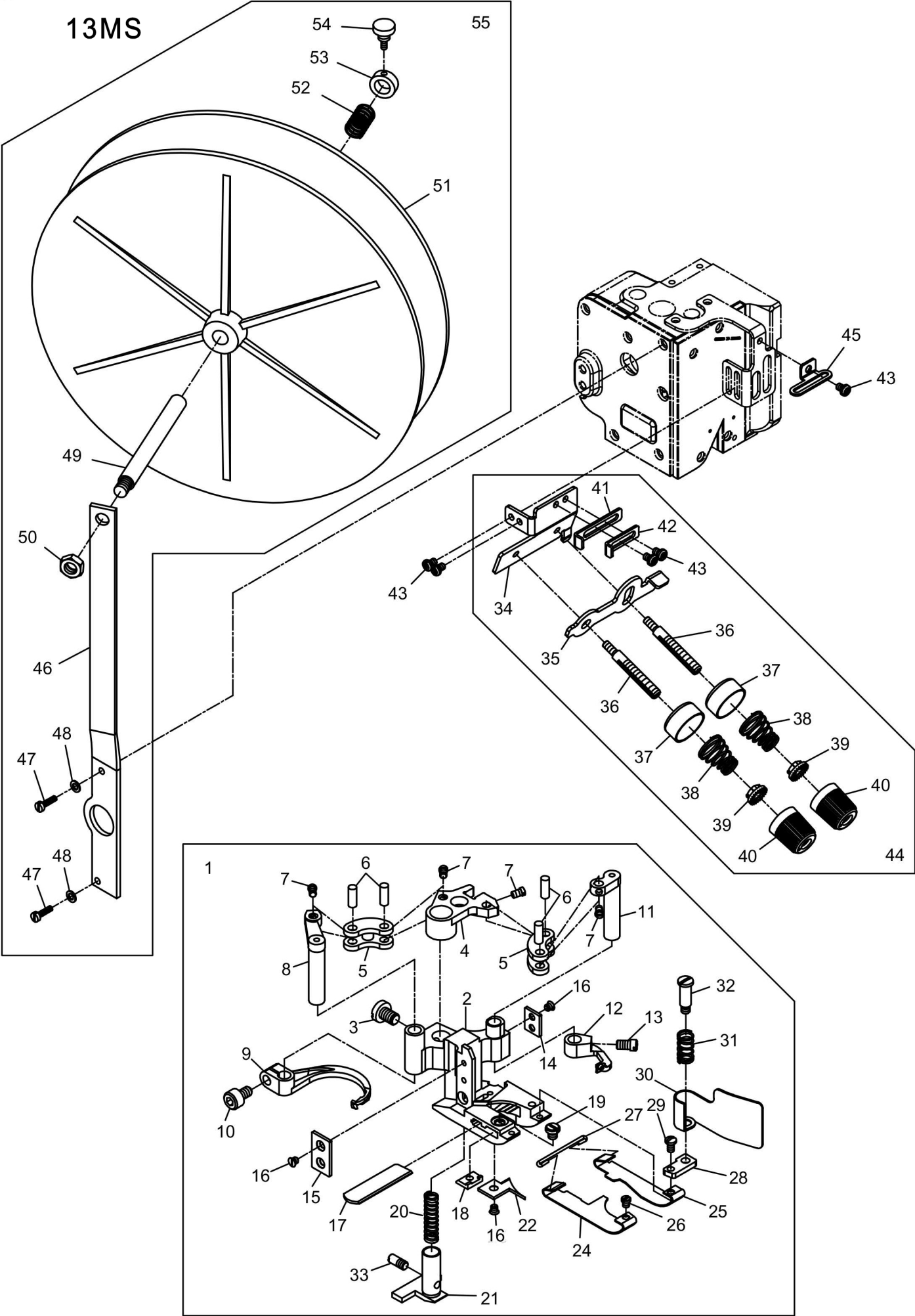
13MR EXCLUSIVE PARTS

<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
41	B25041	Tape Guide.....	導布片.....	1
42	B25042	Tape Guide.....	導布片.....	1
43	C02044	Screw (M4-0.7x5).....	螺絲.....	5
44	B25044	Tension Dist Assembly.....	夾布片組.....	1
45	B25045	Tape Guide.....	導布片.....	1
46	B25046	Tape Reel Support.....	支撐架.....	1
47	B25047	Screw (9/64-40x12).....	螺絲.....	2
48	B25048	Washer.....	墊片.....	2
49	B25049	Tape Reel Shaft.....	支撐杆.....	1
50	B25050	Nut.....	螺帽.....	1
51	B25051	Tape Base.....	塑膠盤.....	2
52	B25052	Spring.....	彈簧.....	1
53	B25053	Collar.....	軸環.....	1
54	C16005	Screw.....	螺絲.....	1
55	B25055	Tape Base, C. Set.....	塑膠盤組.....	1

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<u>Ref.</u>	<u>Parts.</u>	<u>Description</u>	<u>品 名</u>	<u>Amt.</u>
<u>No.</u>	<u>No.</u>			<u>Req.</u>
1	B27001	Double Side Cut Presser Foot.C.Set.....	雙切壓腳組.....	1
2	B27002	Double Side Cut Presser Foot.....	雙切壓腳.....	1
3	A0616	Screw(11/64-40x6.5).....	螺絲.....	1
4	A0617	Carrier/Hook Driving Segment.....	上勾針驅動扇形片.....	1
5	A0618	Carrier/Hook Driving Lever Link.....	上勾針驅動連杆.....	2
6	A0619	Link Pin.....	連杆插銷.....	4
7	A0620	Screw(3/32-56x3.3).....	螺絲.....	4
8	A0621	Thread Hook Driving Lever.....	勾針驅動杠杆.....	1
9	A0622	Top Cover Thread Hook.....	上飾線過線勾.....	1
10	A0623	Screw(9/64-40x7).....	螺絲.....	1
11	A0624	Top Cover Thread Carrier Driving Lever.....	上飾線托架驅動杠杆.....	1
12	A0669	Top Cover Thread Carrier.....	上飾線托架.....	1
13	A0626	Screw(1/8-44x5.3).....	螺絲.....	1
14	A0627	Presser Foot Attach Piece(Right).....	壓腳連接片(右).....	1
15	A0628	Presser Foot Attach Piece(Left).....	壓腳連接片(左).....	1
16	A0629	Screw(3/32-56x2.5).....	螺絲.....	5
17	B1917	Lower Knife.....	下切刀.....	1
18	A1218	Lower Knife Clamp.....	下切刀夾板.....	1
19	A0632	Screw(1/8-44x3.5).....	螺絲.....	1
20	A0633	Yielding Section Spring.....	小壓具彈簧.....	1
21	A1221	Yielding Section.....	小壓具.....	1
22	A1222	Presser Foot Tongue.....	壓腳舌片.....	1
23	A1224	Presser Foot Spring Plate(Left).....	壓腳彈簧片(左).....	1
24	A1225	Presser Foot Spring Plate(Right).....	壓腳彈簧片(右).....	1
25	A0638	Screw(3/32-56x2.6).....	螺絲.....	1
26	A0639	Spring Plate Holder.....	彈簧片固定鐵勾.....	1
27	A0635	Chip Guard Plate.....	切角防護片座.....	1
28	A0664	Screw(3/32-56x4).....	螺絲.....	1
29	A1228	Chip Guard.....	切角防護片.....	1
30	A0641	Chip Guard Spring.....	切角防護片彈簧.....	1
31	A0642	Screw(1/8-44x2.2).....	螺絲.....	1
32	A0506	Screw(1/8-44x4).....	螺絲.....	1
33				
34	B25034	Guide.....	固定板.....	1
35	B25035	Tension Dist.....	夾布片.....	1
36	B25036	Screw Stud.....	螺樁.....	2
37	C03005	Thread Tension Spring Retainer.....	上線張力彈簧固定座.....	2
38	C03003	Tension Spring(Needle).....	針線張力彈簧.....	2
39	C03002	Tension Spring Bushing.....	張力彈簧套管.....	2
40	C03001	Thread Tension Spring Cap.....	上線張力彈簧調整鈕.....	2



13MS EXCLUSIVE PARTS

<u>Ref.</u>	<u>Parts.</u>			<u>Amt.</u>
<u>No.</u>	<u>No.</u>	<u>Description</u>	<u>品 名</u>	<u>Req.</u>
41	B25041	Tape Guide.....	導布片.....	1
42	B25042	Tape Guide.....	導布片.....	1
43	C02044	Screw (M4-0.7x5).....	螺絲.....	5
44	B25044	Tension Dist Assembly.....	夾布片組.....	1
45	B25045	Tape Guide.....	導布片.....	1
46	B25046	Tape Reel Support.....	支撐架.....	1
47	B25047	Screw (9/64-40x12).....	螺絲.....	2
48	B25048	Washer.....	墊片.....	2
49	B25049	Tape Reel Shaft.....	支撐杆.....	1
50	B25050	Nut.....	螺帽.....	1
51	B25051	Tape Base.....	塑膠盤.....	2
52	B25052	Spring.....	彈簧.....	1
53	B25053	Collar.....	軸環.....	1
54	C16005	Screw.....	螺絲.....	1
55	B25055	Tape Base, C. Set.....	塑膠盤組.....	1

CLASS LIST OF MAIN SPARE PARTS

主零件型號區分

[illegible][illegible]

四針六線零件冊 料號B索引

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B11035	11	35
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B1402	17	4
B1402	22	2
B1402	23	4
B1410	14	10
B1410	22	8
B14103	14	15
B1412	14	12
B1414-LC	14	14
B14211	14	11
B1435	14	5
B1435	22	17
B1501	15	1
B1502	15	2
B1503	15	3
B1504	15	4
B1505	15	5
B1506	15	6
B1506-1	15	6-1
B1507	15	7
B1508	15	8
B1509	15	9
B1510	15	10
B1511	15	11
B15128	15	28
B15129	15	29
B15129-1	15	29-1
B15130	15	30
B15131	15	31
B1517	15	17
B1518	15	18
B1520	15	20
B1521	15	21
B1522	15	22
B1523	15	23
B1524	15	24
B1525	15	25
B1527	15	27
B15316	15	16
B1535	15	35
B1536	15	36
B1537	15	37
B16001	16	1
B16002	16	2

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B16003	16	3
B16004	16	4
B16005	16	5
B16006	16	6
B16007	16	7
B16008	16	8
B16009	16	9
B16010	16	10
B16011	16	11
B16012	16	12
B16013	16	13
B16014	16	14
B16015	16	15
B16016	16	16
B16017	16	17
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B16020	16	20
B16021	16	21
B16022	16	22
B16023	16	23
B16024	16	24
B16025	16	25
B16026	16	26
B17001	17	1
B17001	23	1
B17002	17	2
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B17003	17	3
B17003	23	3
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B17008	23	8
B17009	17	9
B17009	23	9
B17010	17	10
B17010	23	10
B17011	17	11
B17011	23	11
B17012	17	12
B17012	23	12

料號	頁數	項次
B17013	17	13
B17014	17	14
B17015	17	15
B17015	22	12
B17015	23	15
B1901	20	1
B1902	20	2
B1917	20	17
B1917	24	17
B1917	25	17
B1922	20	22
B1924	20	24
B1925	20	25
B1933	20	34
B1934	20	41
B2101	21	1
B2106	21	6
B2108	21	8
B2109	21	9
B2110	21	10
B2111	21	11
B2202	22	2
B2205	22	1
B22116	22	21
B22119	22	11
B2234	22	34
B23015	17	19
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B23015	23	19
B23016	17	16
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B23016	23	16
B23017	17	17
B23017	22	15
B23017	23	17
B23018	22	16
B23018	23	20
B2305	22	33
B23104	22	4
B23105	22	5
B23106	22	6
B23108-LC	22	18
B23109	22	20
B23111	23	14
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