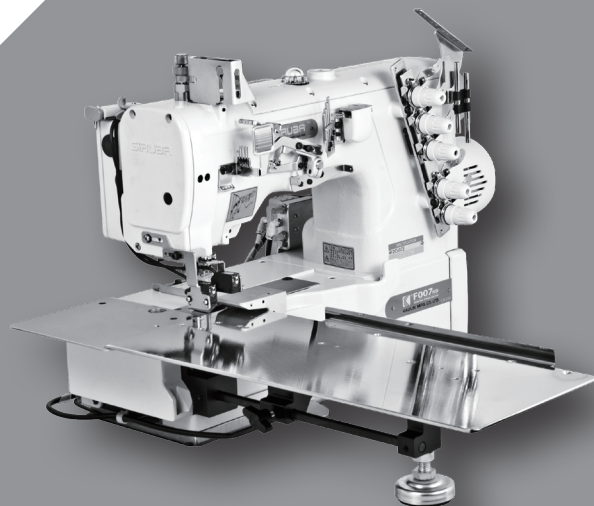


SIRUBA® Sew Reach

使用說明書與零件圖

INSTRUCTION BOOK & PARTS LIST

■ F007K / FHK



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規格

SPECIFICATION

1. 規格

規格 Specifications	標準值 Standard value
針棒行程 Needle bar stroke	33±0.5 mm
左針高度 Left needle height	10 mm
送具高度 Feed dog height	0.8~1.2 mm
押具揚程 Presser foot lift	5 mm
使用針 Needle	UYX128GAS#10
上送齒上下行程 Top and bottom stroke for top feed teeth	4 mm
上送齒前後行程 Front and back stroke for top feed teeth	1~5.5 mm 可調式 adjustable
啟動扭力 Start up torque	4.5 kg-cm 以下 Below 4.5 kg-cm
最高轉速 Maximum speed	4000 s.p.m
噪音值 Noise level	80dB(A) 以下 Below 80dB(A)
上送齒與下送具最小距離 The minimum distance between top feed teeth and bottom feed dog	0.5 mm

1. Specification

安裝

INSTALLATION

將螺絲①、②從機體旋出後，將導布片③以螺絲①、②固鎖在機體。（圖1）

Loosen screws①,②and then fix fabric guide plate③ to the machine with screws ①,②(Fig. 1)

將導布片③以螺絲①X2墊片②X2 固鎖在導布塊④上。（圖2）

Fix fabric guide plate③to fabric guide block① with screwsX2 and spacers ④X2(Fig. 2)

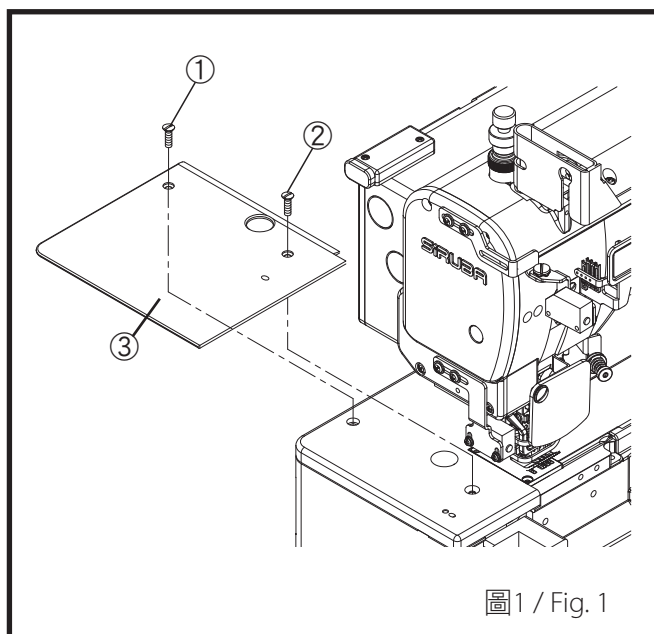


圖1 / Fig. 1

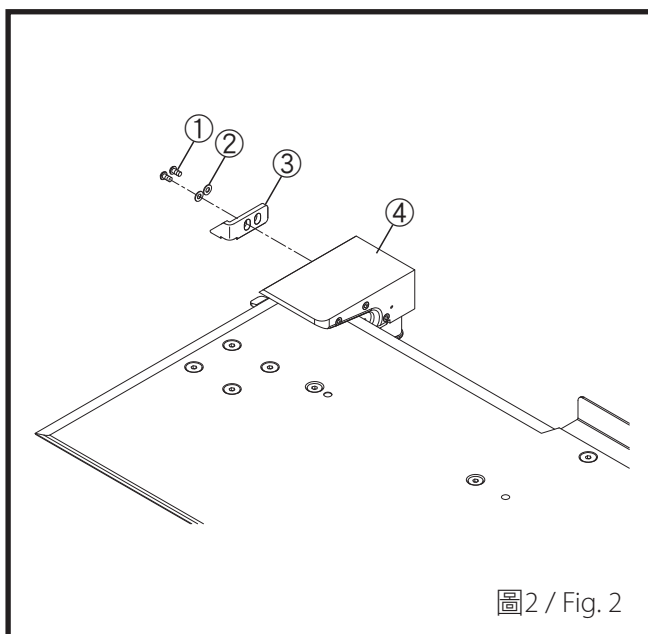


圖2 / Fig. 2

將固定腳座①固鎖在固定塊②上。(圖3)

Fix the base①on the block ②.(Fig. 3)

鬆開螺絲①X2將軸②軸③放置於固定塊④中，再將螺絲①X2鎖緊。(圖4)

Loosen screws ①X2 and place shafts ②and ③into fixed block ④. Tighten screws ①X2. (Fig. 4)

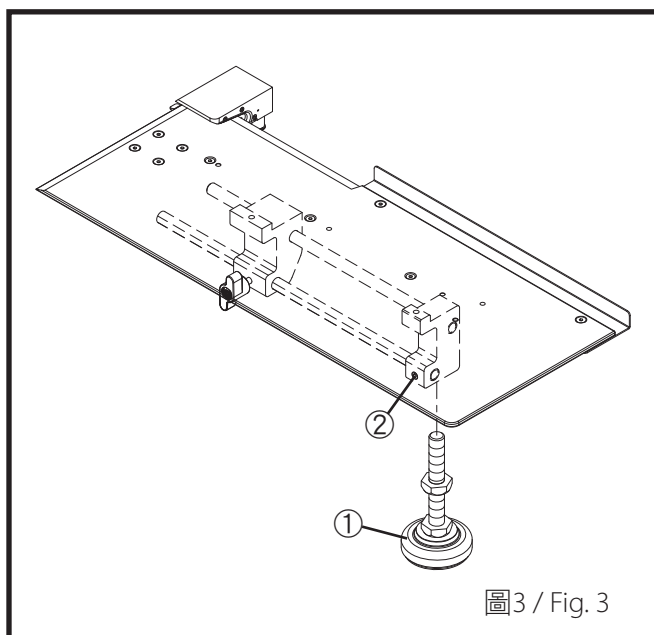


圖3 / Fig. 3

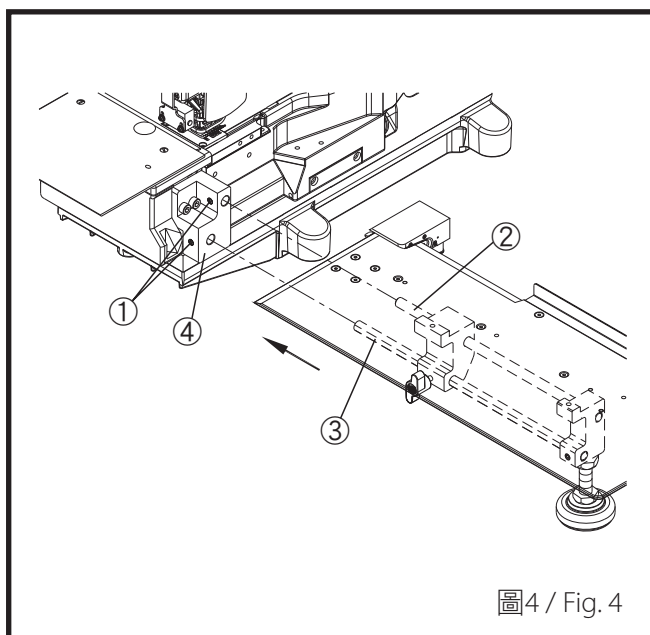


圖4 / Fig. 4

調整固定腳座①使導布架平整置放於導布板上，旋轉螺帽②固定導布架高度。(圖5)

Adjust the base① to make the fabric feeding plate even. Adjust the nut② to set the height. (Fig. 5)

將導布片①以螺絲②X2固鎖在桌板上，鎖固時需注意(B)面不可高於(A)面，(C)面與(D)面對齊。(圖6)

Fix fabric guide plate①to the table with screws ②X2. Notice that (B) side could not higher than (A) side, and (C) side has to be aligned with (D) side. (Fig. 6)

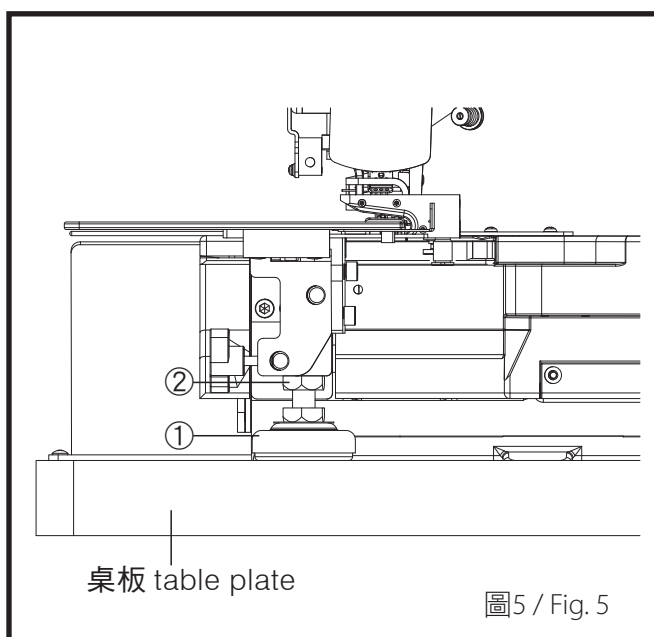


圖5 / Fig. 5

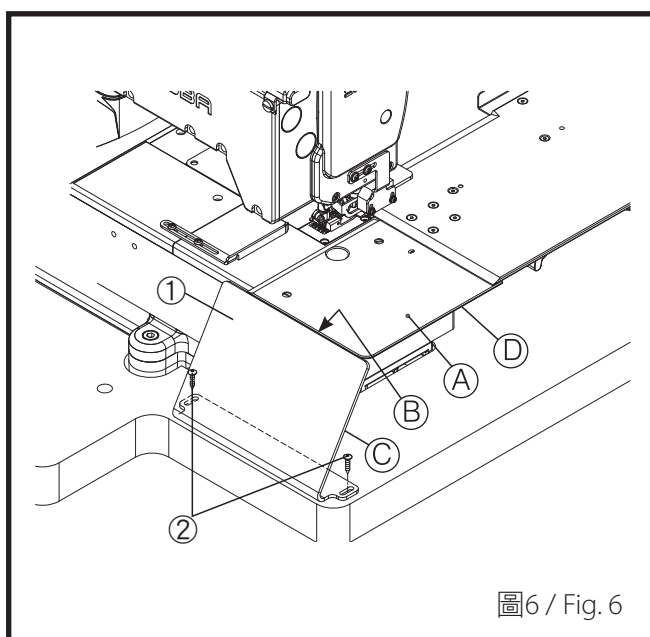


圖6 / Fig. 6

將空壓管①裝入接頭②中。(圖7)

Attach tube①to connector②. (Fig. 7)

配件鎖固後將SENSOR①轉約 90° 後，並測試燈號是否有作用。(圖8)

Turn SENSOR①about 90°. And whether the lamp signal works. (Fig. 8)

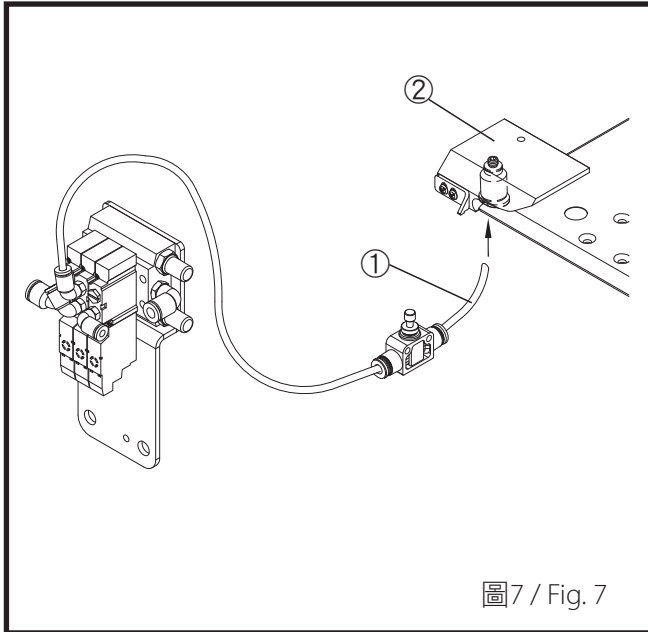


圖7 / Fig. 7

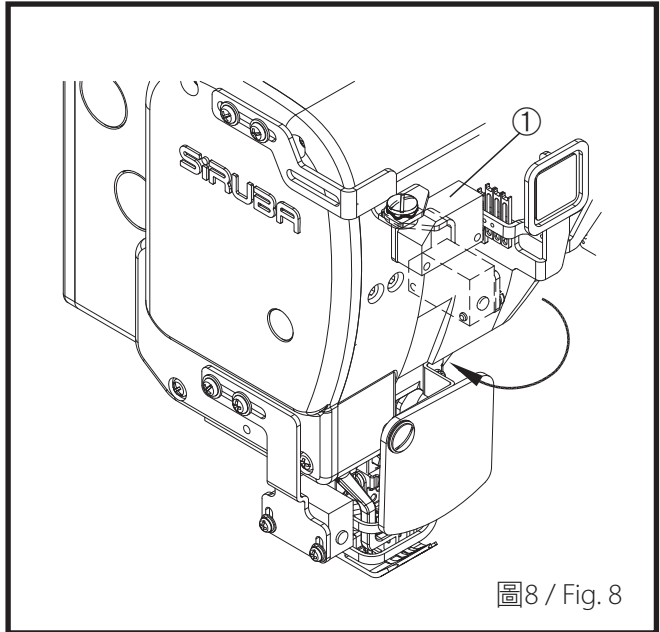


圖8 / Fig. 8

鬆開螺絲①X2調整導布片②與導布片③對齊。(圖9)

Loosen screws①X2 Adjust fabric guide pate②so that it is aligned with fabric guide plate③. (Fig. 9)

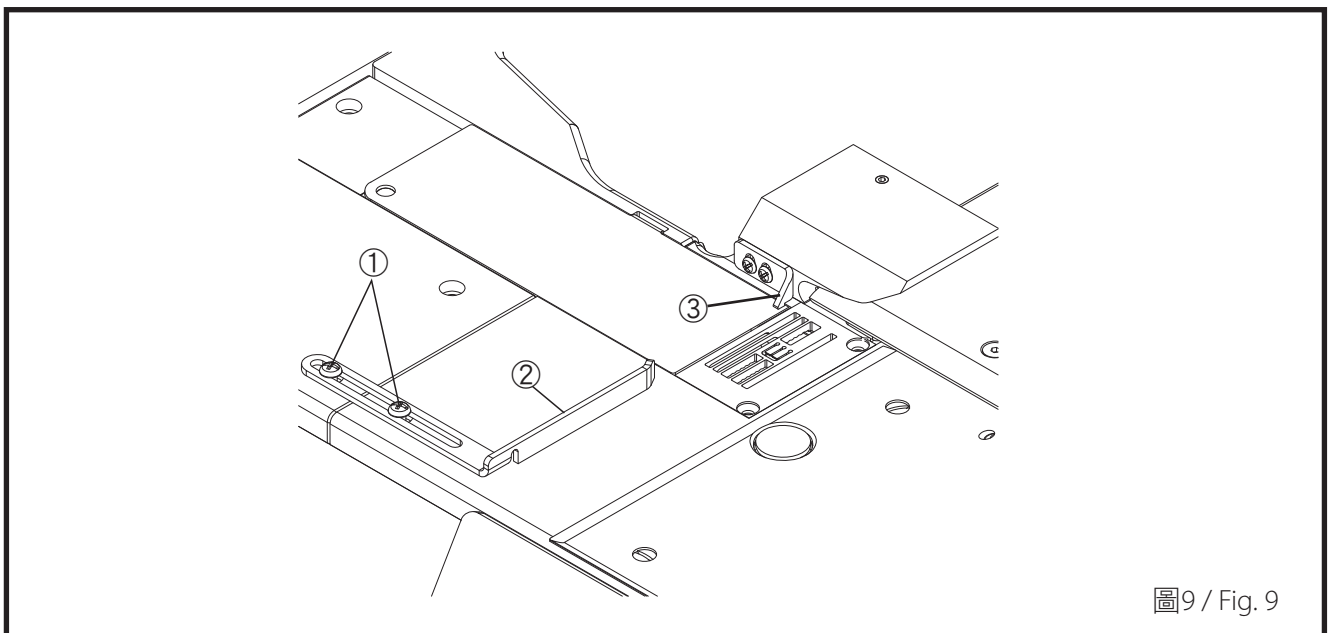
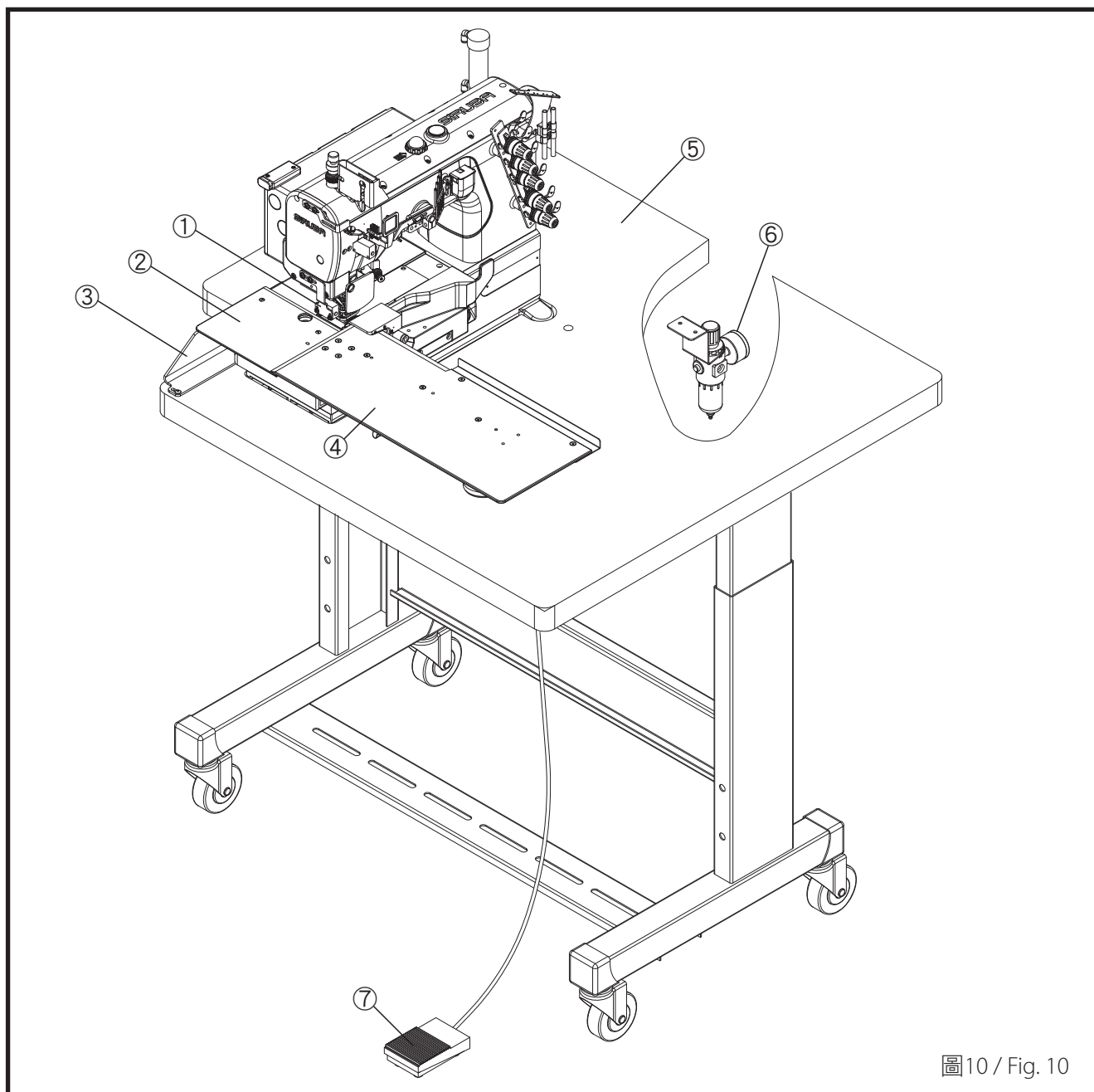


圖9 / Fig. 9

各部件名稱

NAMES OF MAJOR PARTS



- ① 電眼組
- ② 導布板
- ③ 導布板
- ④ 導布板組
- ⑤ 桌板
- ⑥ 調整過濾器
- ⑦ 腳踏板

- ① Electric eye set
- ② Fabric guide plate
- ③ Fabric guide board
- ④ Fabric guide board set
- ⑤ Table
- ⑥ Adjusting filter
- ⑦ Pedal

調整螺紋張力

ADJUST THREAD TENSION

1. 下摺布寬度調整（圖11）、（圖12）：

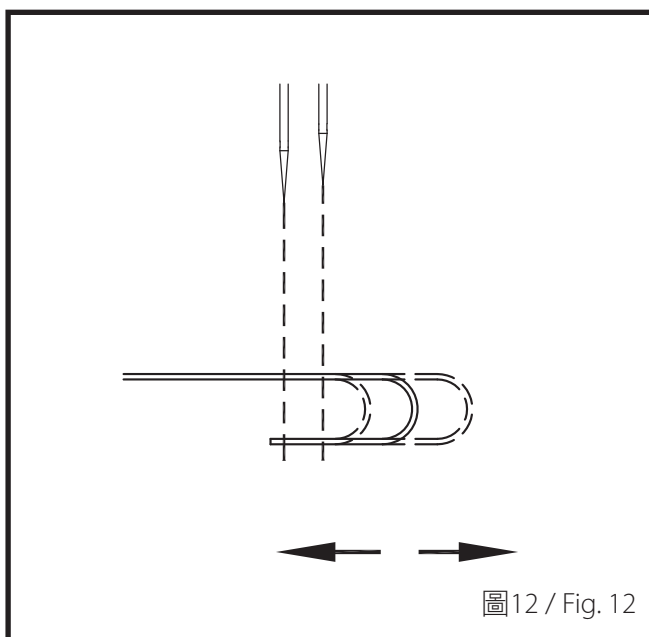
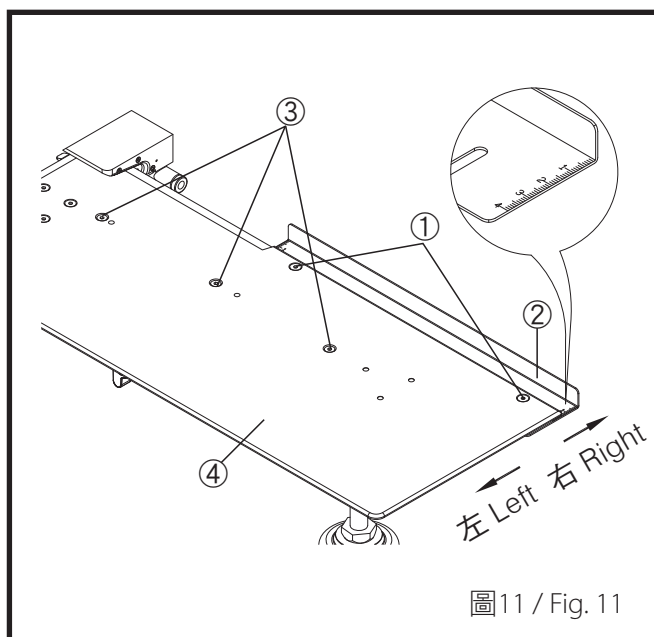
(1) 鬆開螺絲①X2左右移動導布片②可調整下摺布寬度，往右移下摺布寬度加大（數字越大），往左移下摺布寬度減少（數字越小）。

(2) 鬆開螺絲③X3左右移動導布架④可調整下摺布寬度，往右移下摺布寬度增大，往左移下摺布寬度減少。

1. Adjust the width of the down-folded cloth (Fig. 11), (Fig. 12) :

(1) Loosen screws①X2, and move fabric guide plate②to adjust the width of the down folded cloth. When the fabric guide plate moves rightward (the number is bigger), the width of the down-folded cloth increases. When the fabric guide plate moves leftward (the number is smaller), the width of the down folded cloth decreases.

(2) Loosen screws③X3 and move fabric guide frame④to adjust the width of the down-folded cloth. When the fabric guide frame is moved rightward, the width of the down-folded cloth increases. When the fabric guide frame is moved leftward, the width of the down folded cloth decreases.



2. 依布料厚度調整（圖13）：

鬆開螺絲①移動導布塊②，布料較厚時往右移動。

2. Adjust in accordance with the thickness of the fabric (Fig. 13):

Loosen screw ① and move fabric guide block ②. If the fabric is thicker, move the fabric guide block rightward.

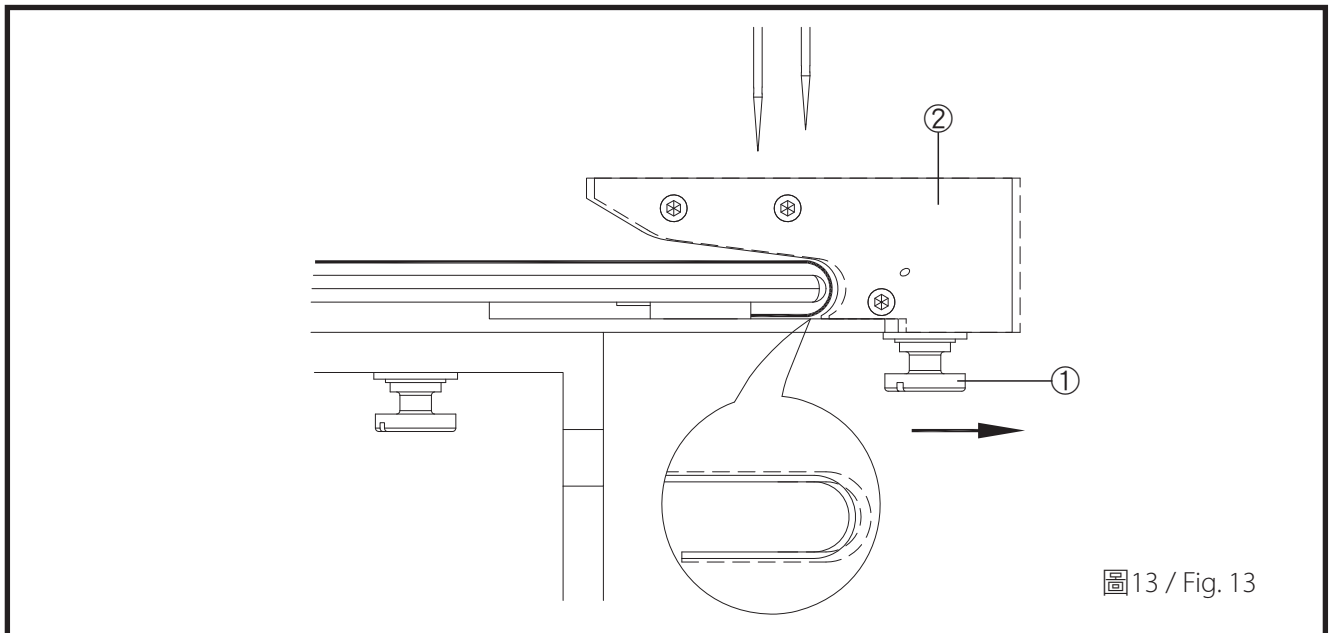


圖13 / Fig. 13

3. 留料量調整（圖14）、（圖15）：

鬆開螺絲①可左右移動固定片②調整布料的留料量，往左移留料量增大，往右移留料量減少。

3. Adjust the amount of the residue (Fig. 14), (Fig. 15):

Loosen screw ① and move fixed plate ② to adjust the amount of the residue of the fabric. When the fixed plate is moved leftward, the amount of residue increases. When the fixed plate is moved rightward, the amount of residue decreases.

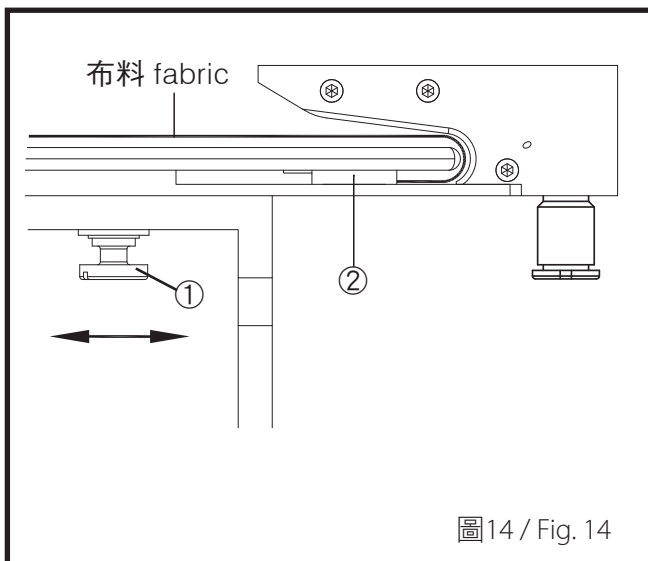


圖14 / Fig. 14

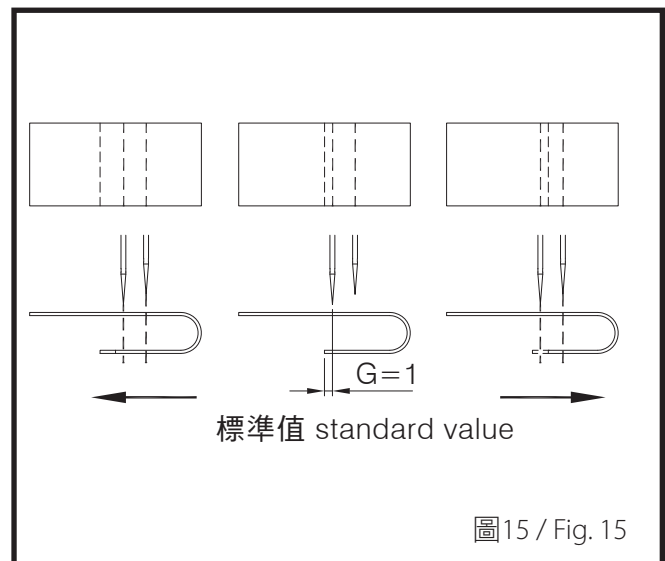


圖15 / Fig. 15

4. 風量調整：

鬆開固定螺帽①可調整吹氣量，往順時針方向轉風量變大，往逆時針方向轉風量變小。
(圖16)

4. Adjust the air volume:

Loosen fixed nut ① to adjust the air volume. When the nut is turned clockwise, the air volume increases. When the nut is turned counterclockwise, the air volume decreases .
(Fig. 16)

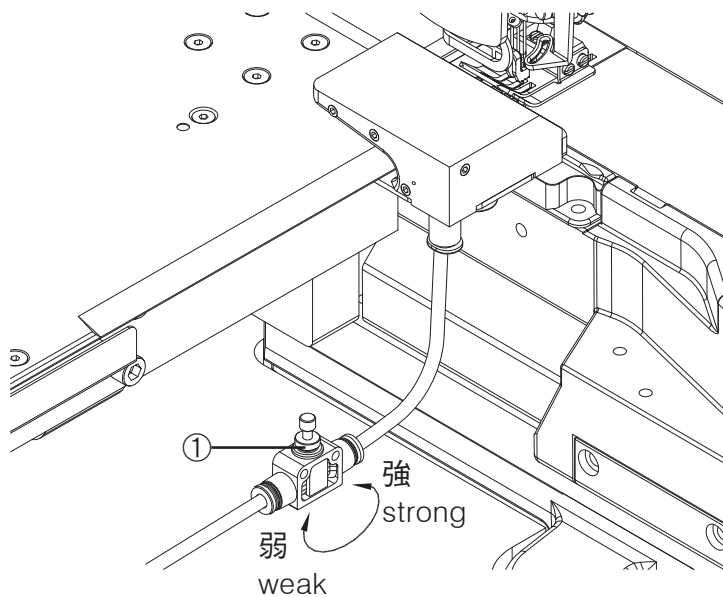


圖16 / Fig. 16

保養及調整

MAINTENANCE AND ADJUSTMENT

鬆開固定鈕①可向後移動導布架②翻開前蓋③做保養及調整。(圖17)

Loosen the fixed knob ① to move fabric guide frame ② and open the front cover ③ to maintain the machine and make an adjustment. (Fig. 17)

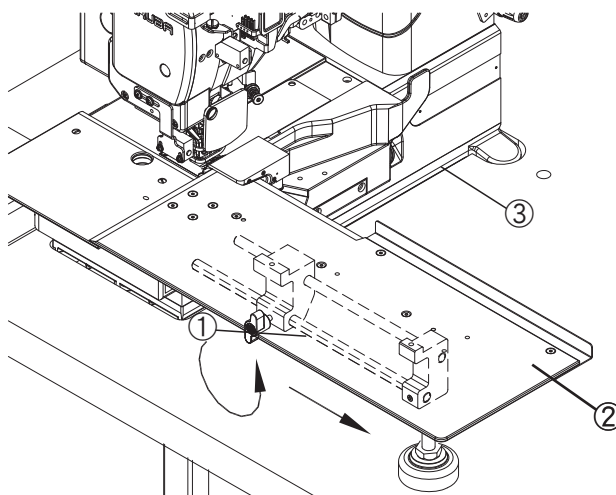
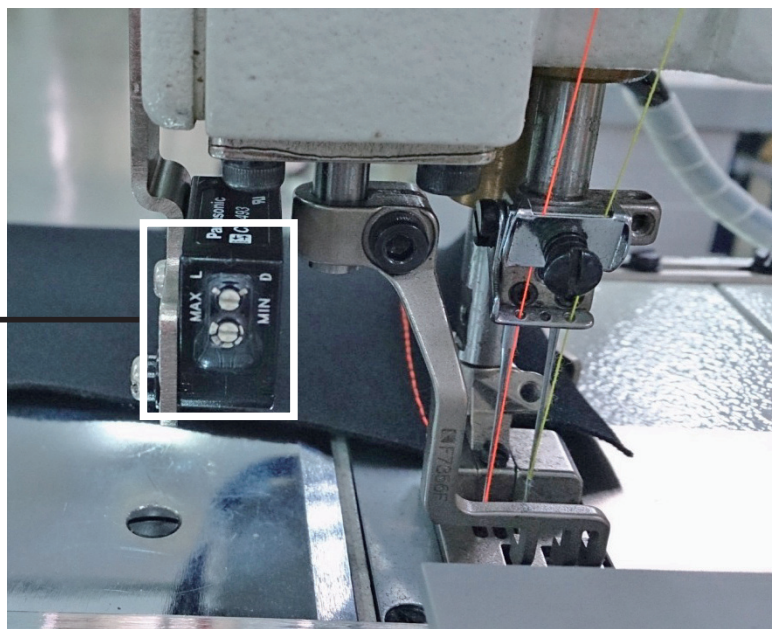
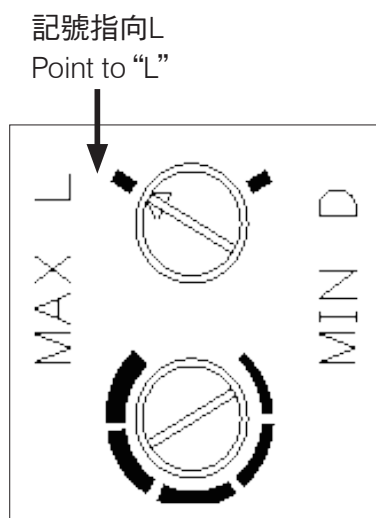
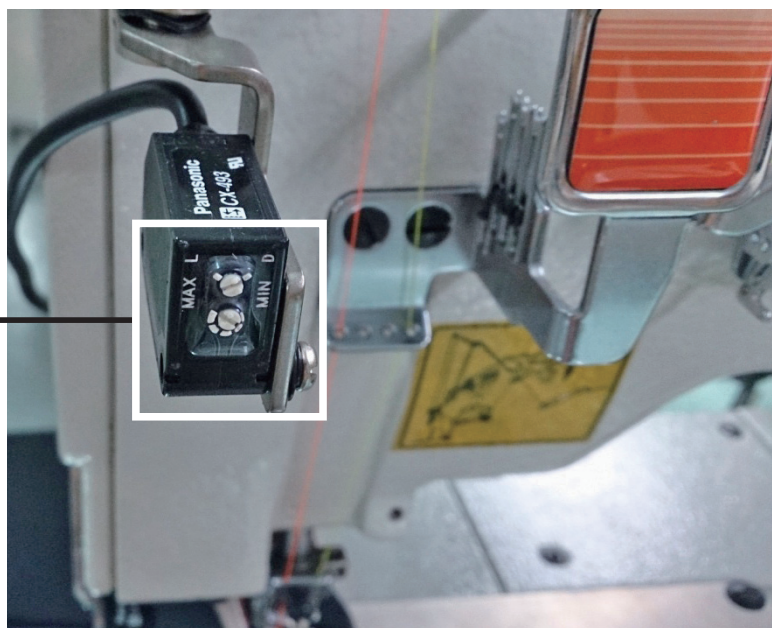
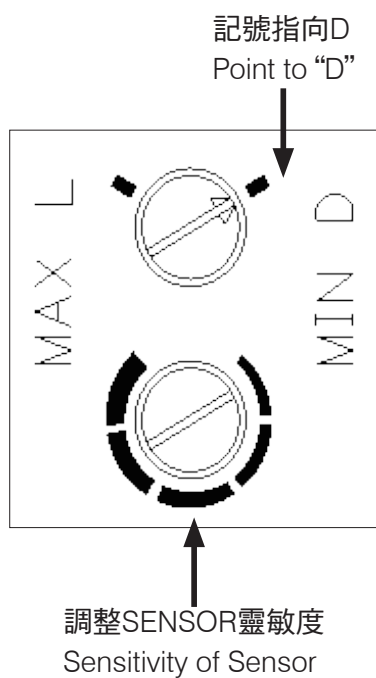


圖17 / Fig. 17

電眼調整方法

SENSOR ADJUSTMENT



訊號正確時，顯示應如底下照片：

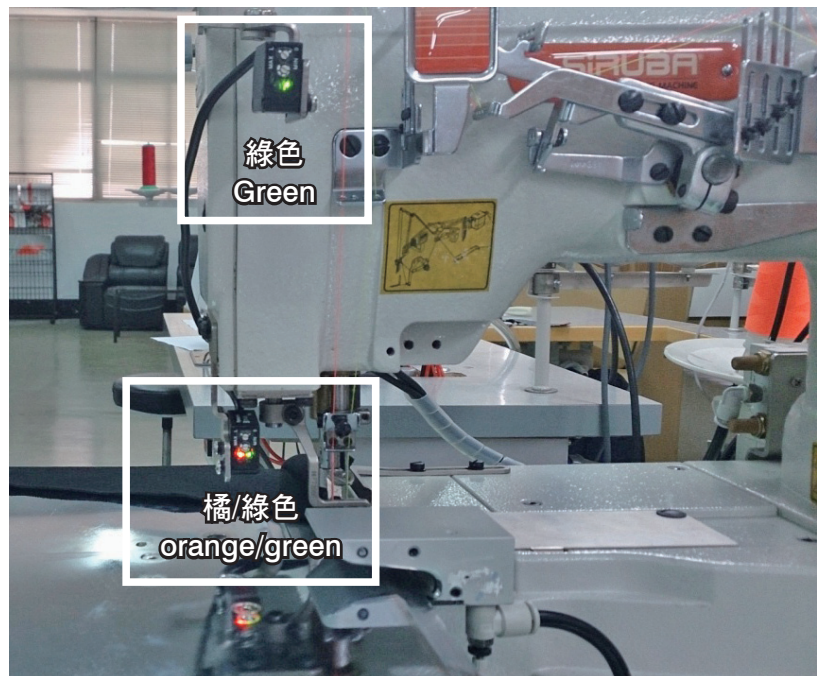
When the signal is correct, sensors will perform as below:

1.SENSOR未感應到布時，燈顯示如下：

1. When cloth is not detected by sensors, they light up as below:

導布板上方SENSOR燈應顯示為綠色
靠近針座旁之SENSOR燈應顯示為橘/綠色

Sensor above cloth guiding plate will light up in green.
Sensor near needle will light up in orange/green.

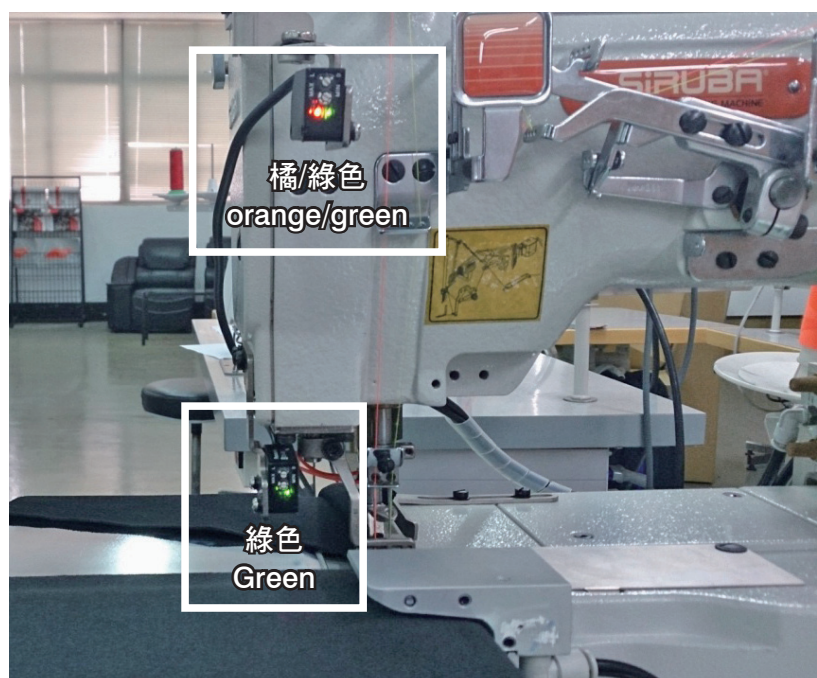


2.SENSOR感應到布時，燈顯示如下：

2. When cloth is detected by sensors, they light up as below:

導布板上方SENSOR燈應顯示為橘/綠色
靠近針座旁之SENSOR燈應顯示為綠色

Sensor above cloth guiding plate will light up in orange/green.
Sensor near needle will light up in green.



緊急停止開關裝置

EMERGENCY STOP SWITCH

車縫時按下緊急停止開關①，縫紉機將會停止車縫。（圖18）

Press the Emergency stop switch ① to stop operation. (Fig. 18)

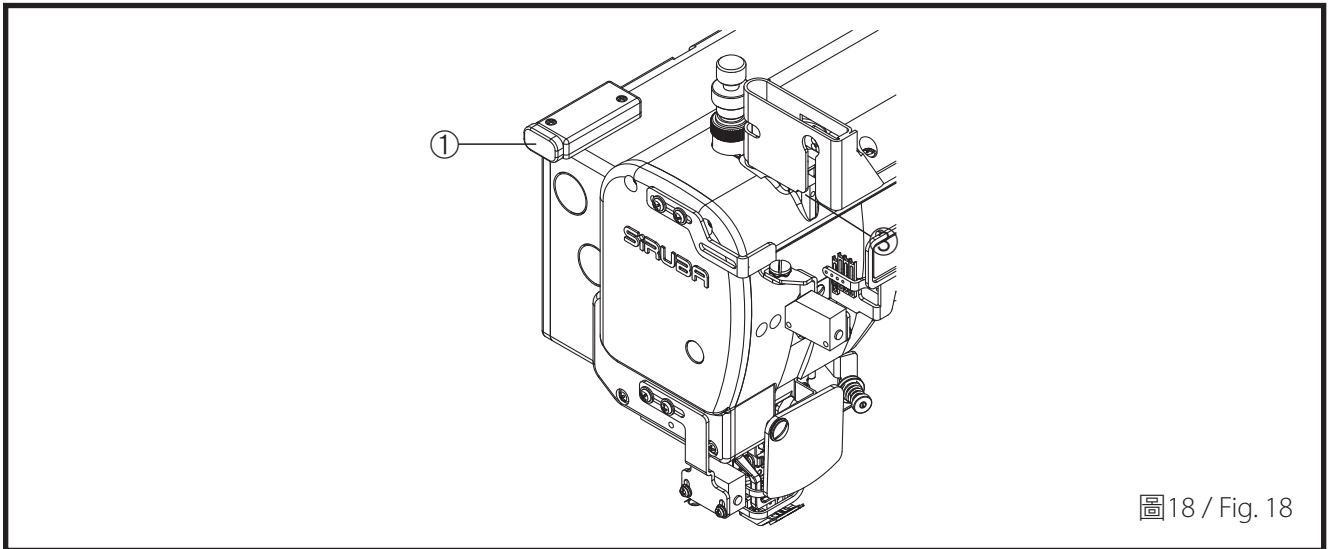


圖18 / Fig. 18

報廢流程

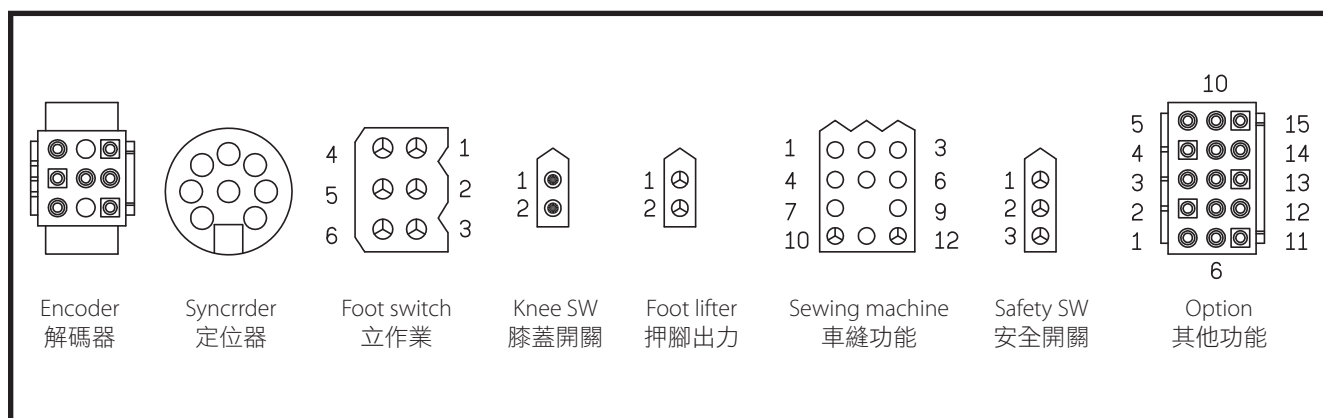
DEMOLITION PROCEDURE

1. 當機器需要被淘汰與報廢時，有一些基本規則必須採納、遵守以保護環境及公眾健康。
2. 所有的機器零組件必須依照下列分類來區分開：
 - (1) 所有護套、可伸縮軟管及塑膠或非金屬零件。
 - (2) 電器零件：開關、照明器具等。
 - (3) 絕緣材料：石棉、彈性／可伸縮橡膠片。
 - (4) 金屬：含鐵金屬、銅、青銅與黃銅、其他各種金屬。
3. 以此方法，所有材質可以正確的淘汰，回收再利用或鎔解為可再使用或再處理而不至於危害環境。

1. When the machine needs to be eliminated and demolished, certain basic rules must be observed to protect the environment and public health.
2. All machine components must be divided according to categories as the followings:
 - (1) All sheathes, flexible hosing and plastic or non-metal components.
 - (2) Electricity components: switches, or lighting components.
 - (3) Insulation materials: rock wool, and flexible rubber strips.
 - (4) Metals: ferrous metals, copper, bronze and brass, various.
3. In this way, all materials can be eliminated correctly, recycled, or melted down for reuse or disposed of so that they do not harm the environment.

控制箱功能配置圖

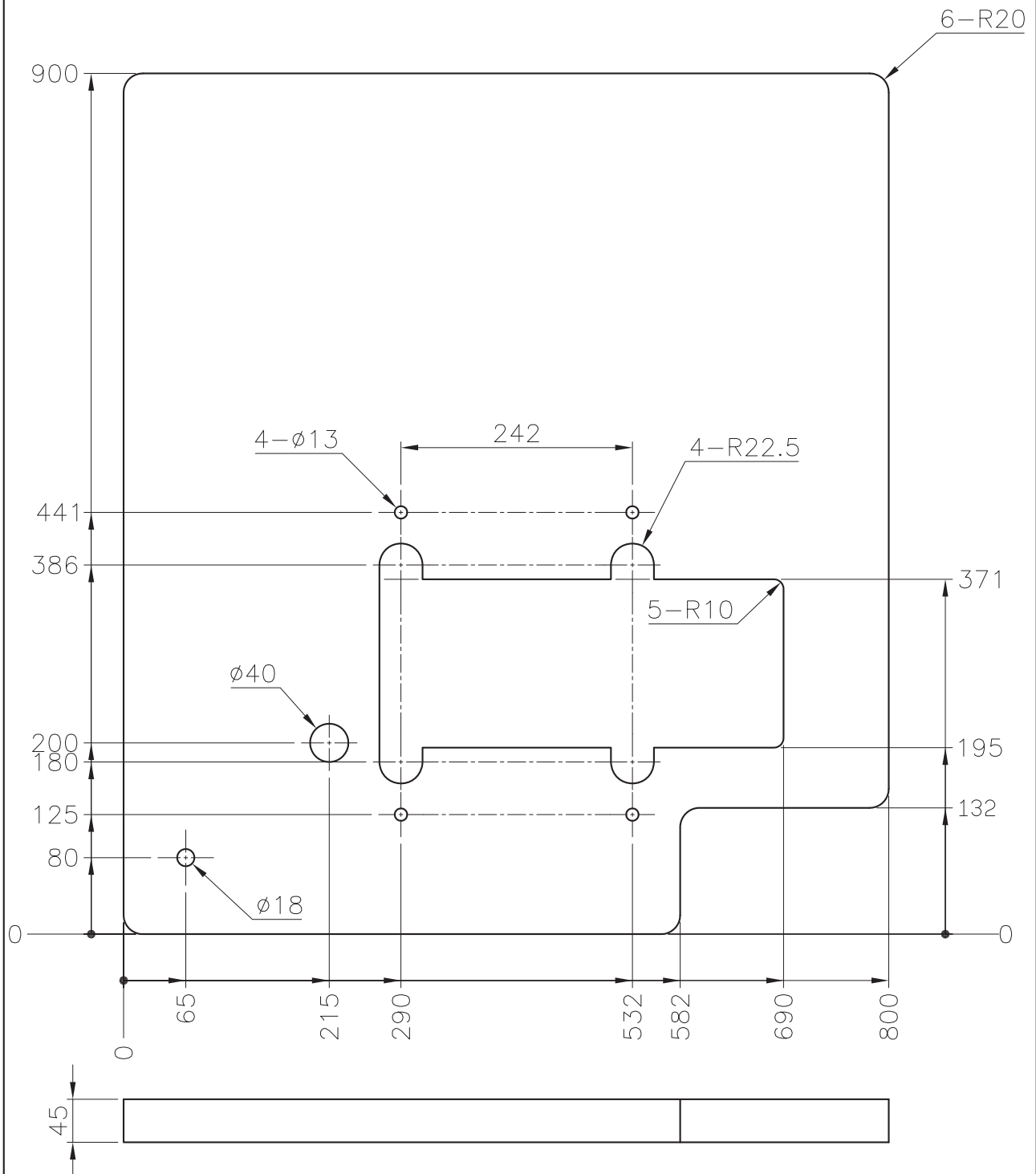
THE CHART OF THE FUNCTIONS OF THE CONTROL BOX



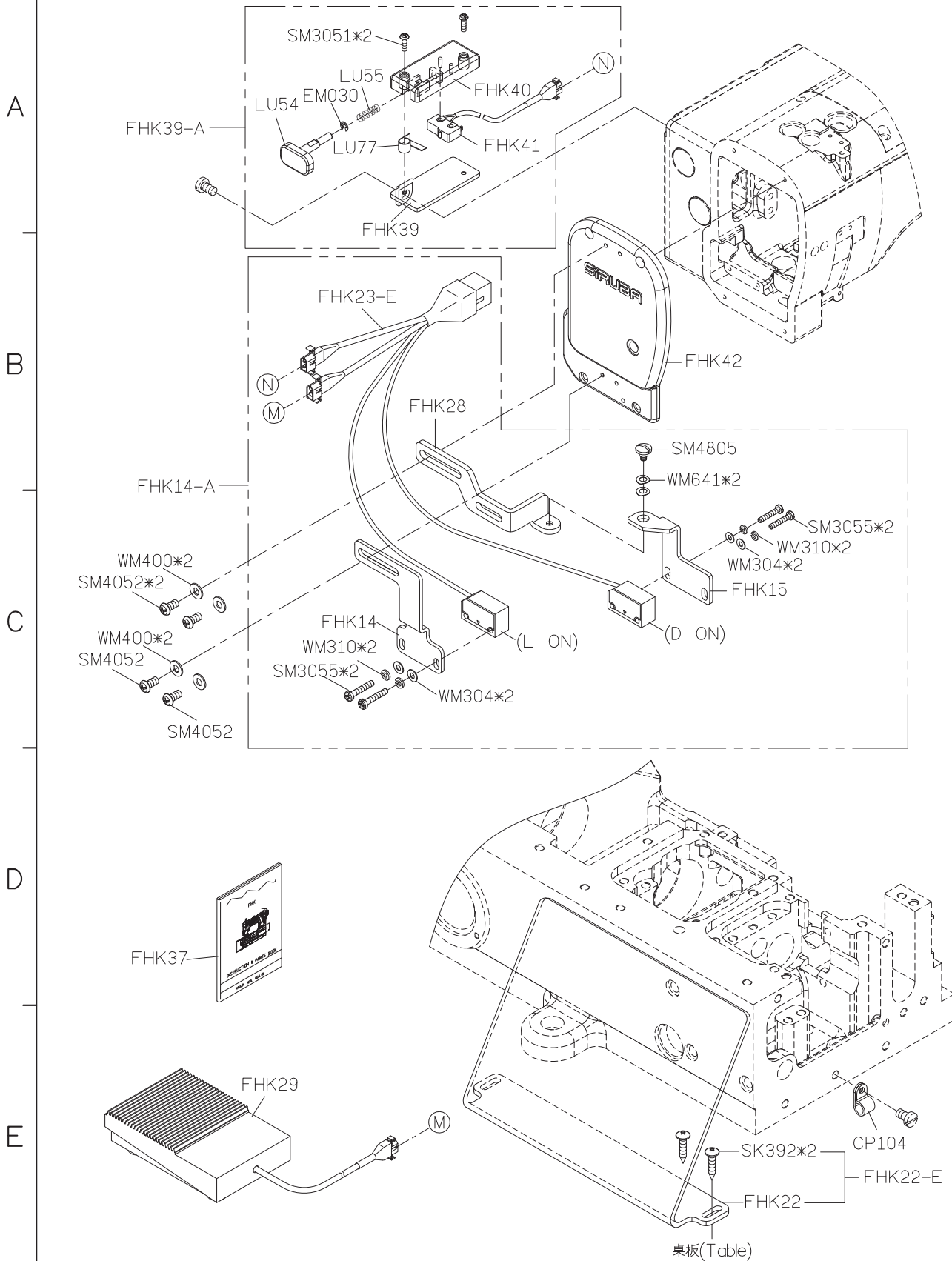
參數號碼 Parameter No.	內容 Content	說明 Description
001 H	4000	車縫速度 Sewing speed.
009 A	4000	車縫速度 Sewing speed.
093 W2	1000ms	動作結束後之吹風時間 The time of blowing after the motion comes to an end.
099 SE	ON	是否使用電眼 Whether to use the sensor or not.
102 SE	10	加工物離開電眼後之針數 The number of stitches remaining after the processed object leaves the electric eye.
104 PSU	1	緊急停止針數 The number of stitches remaining after the machine stops urgently.
114	110	針上停止角度 The angle of the highest position of needle bar.
122 HL	4000	最高車縫速度限制 The maximum sewing speed limit.

SIRUBA TABLE CUT - OUT	Series	Item Code	Subclass / Remark	Mounting
	F007KD	F007K-T2	For FHK Model	Semi-submerged
				Date
				2012/08/20

單位/UNIT : mm
重量/WEIGHT: 16.5kg±5%
所有尺寸公差/TOLERANCE : ±2



SIRUBA PARTS LIST	Series	Parts Group	Subclass / Remark	Page
	F007KD	FHK		3/6
				Date
				2015/04/21



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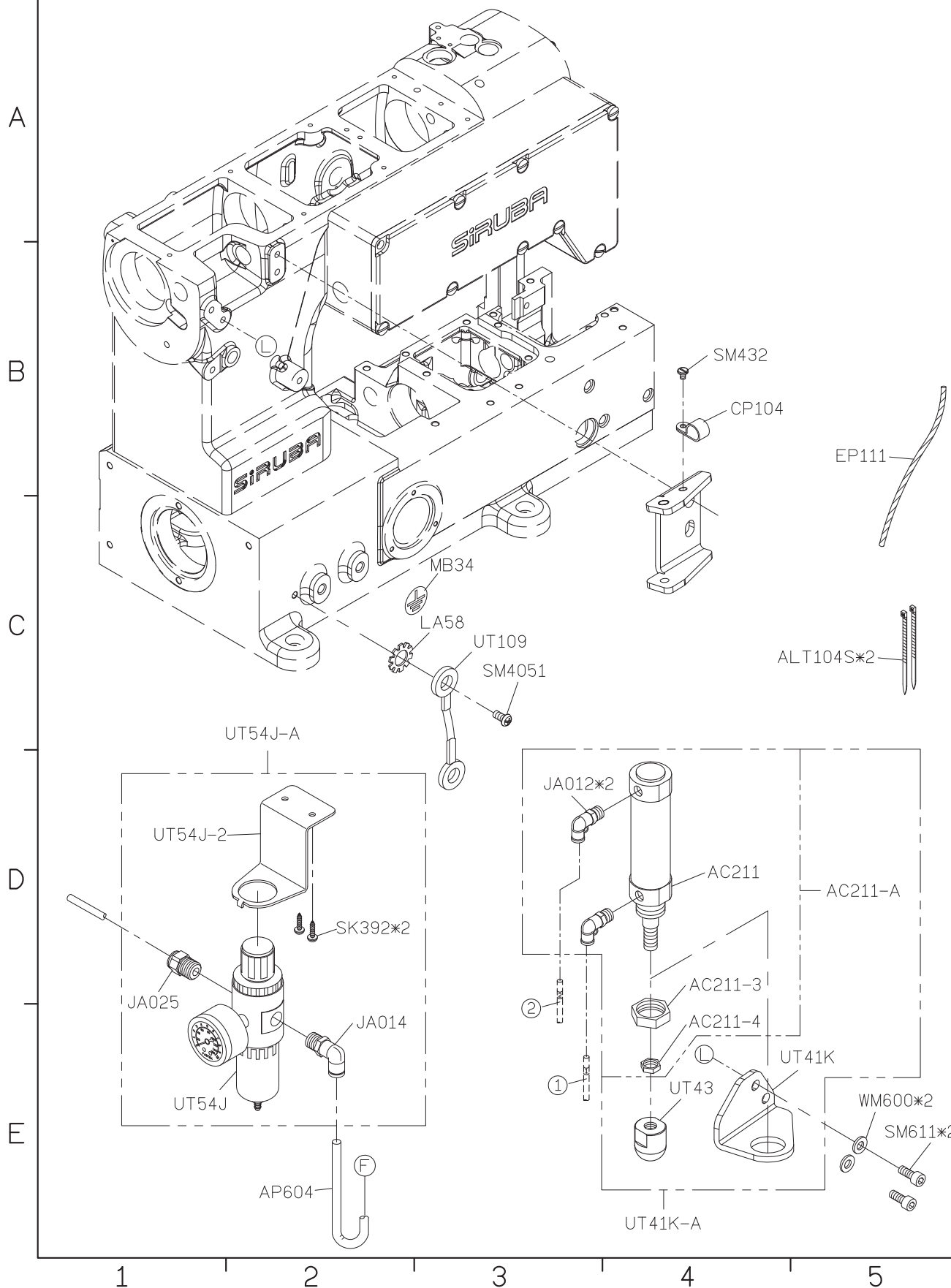
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SIRUBA PARTS LIST	Series	Parts Group	Subclass / Remark	Page
	F007KD	FHK		4/6
				Date
				2015/04/21



SIRUBA PARTS LIST	Series	Parts Group	Subclass / Remark	Page
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				Date
				2012/08/20

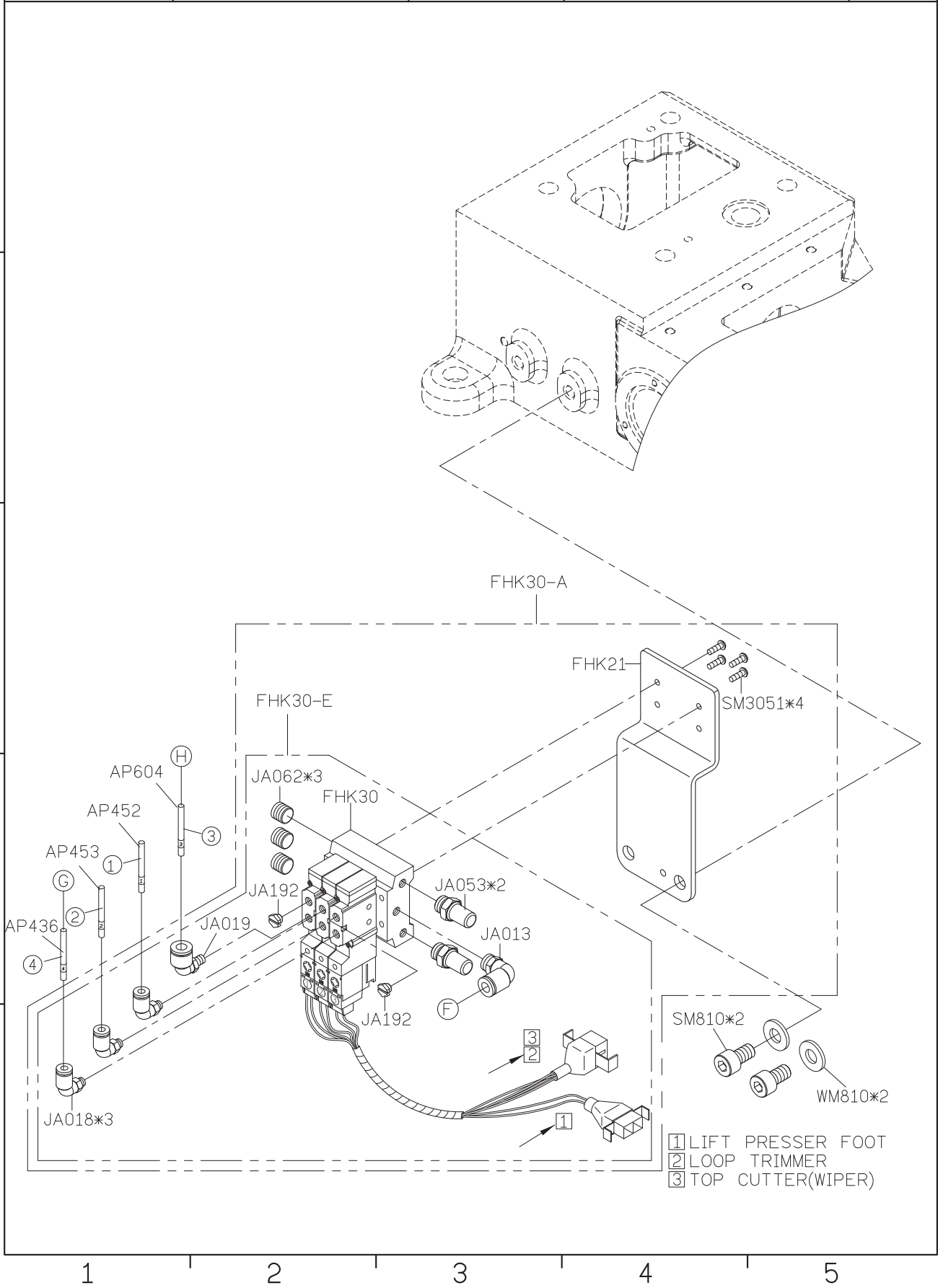
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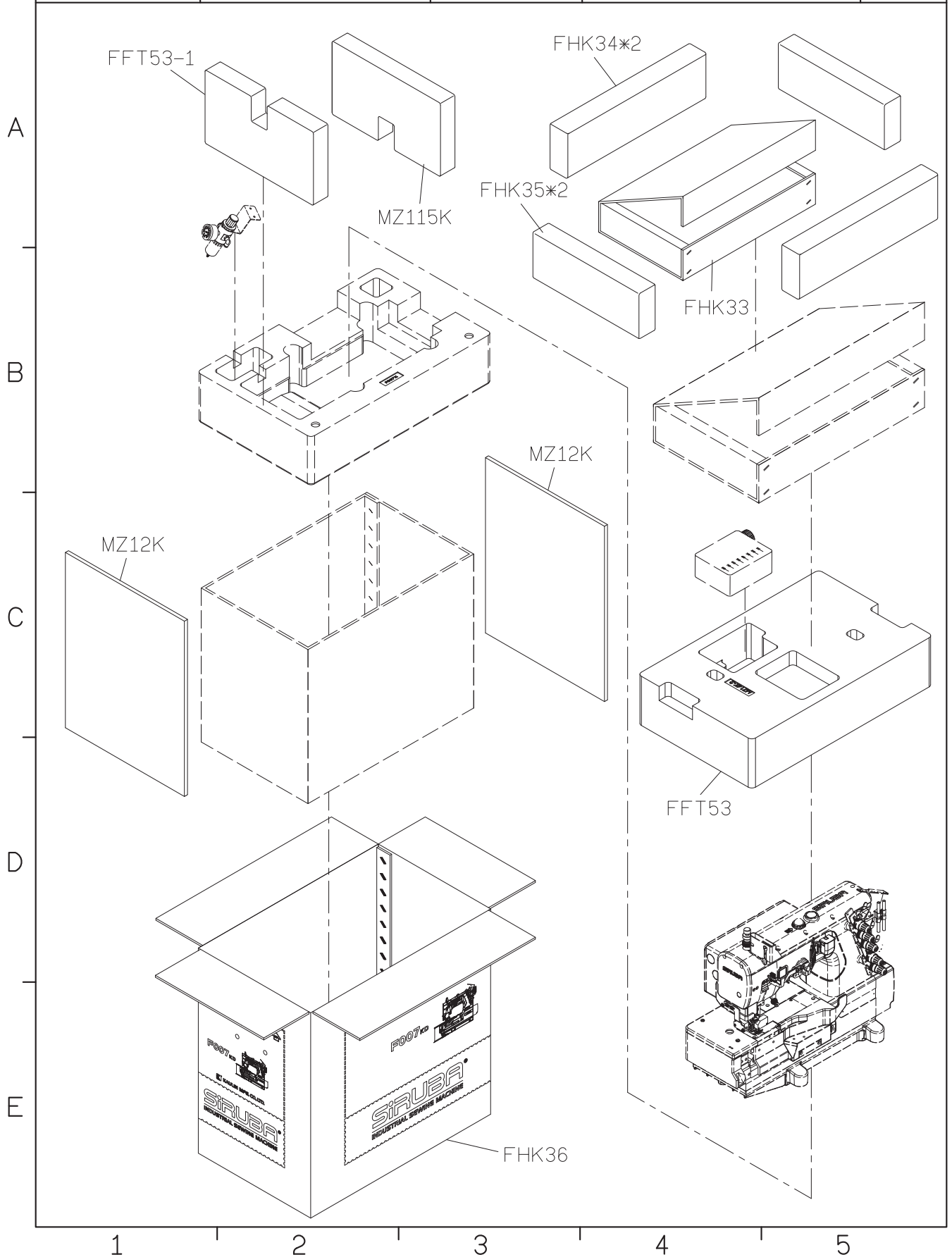
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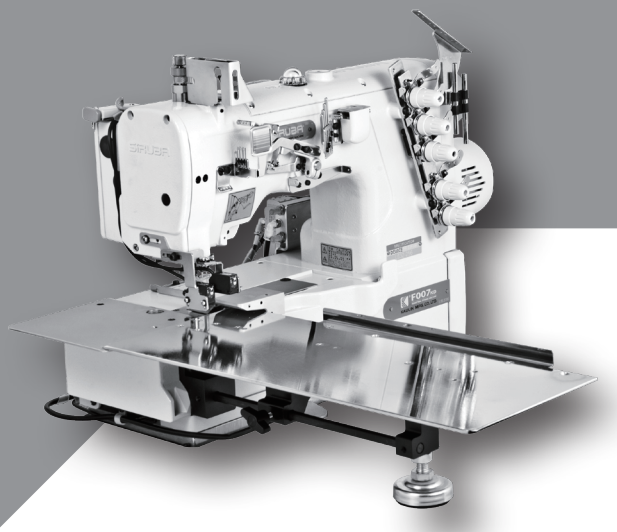
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SIRUBA PARTS LIST	Series	Parts Group	Subclass / Remark	Page
	F007KD	FHK		6/6
				Date
				2012/08/20





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KAULIN MFG. CO., LTD.

由於對產品的改良及更新，本產品使用說明書中與零件圖之產品及外觀的修改恕不事先通知！
The specification and/or appearances of the equipment described in this instruction book & parts list are subject to change because of modification which will without previous notice.
FHK37.DEC.2016