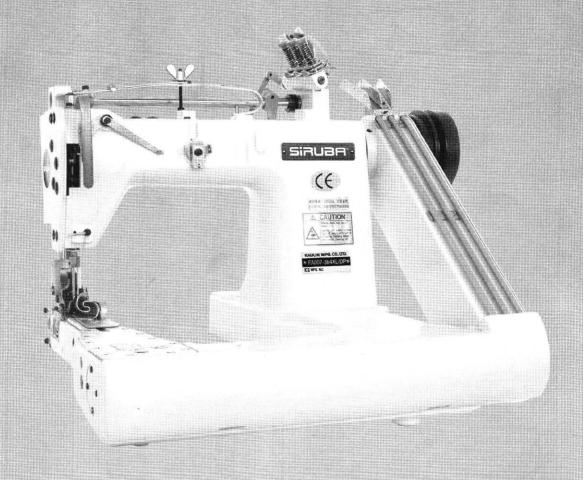


# **FA007**

# 使用說明與零件圖 INSTRUCTION AND PARTS LIST





# **CONTENTS**

FEATURES	1
SPECIFICATIONS	2
TABLE OF STANDARD GAUGE	2
INST ALLING	3
Installing the Machine Head  Installing the Treadle and Chain  Installing the Motor Pulley  Belt Tension adjustment  Installing the Pulley Cover  Motor and Motor Pulley  Spool Stand	3 4 4 4 4 4
1 Lubrication	
2 Running In	
CORRECT OPERATION	
Needles and Threads     Installing the Needles     Upper Threading	5 6
4 Lower Threading  5 Installing the Lapper  6 Sewing	7
7 Thread Tension  8 Presser Foot Pressure Adjustment  9 Stitch Length Adjustment	8
© Puller Feed Adjustment (Model 928-SP,-PL)  STANDARD ADJUSTMENTS	
1 Needle and Looper Timing Adjustment 2 Needle Bar Height Adjustment 3 Looper Timing for Avoiding Contact with Needles 4 Needle Guard Adjustment 5 Feed Dog Height Adjustment 6 Puller Height Adjustment (Model 928 -SP,-PL) 7 Installing the Spacer (For the denim specifications) 8 Upper Thread Take-up Thread Guide Adjustment 9 Thread Release Lever Adjustment 10 Thread Release Shaft Adjustment 11 Upper Thread Nipper Adjustment 12 Lower Thread Take-up Timing Adjustment 13 Pauller Davice Timing Adjustment (Model 928 SP, PL)	10 11 12 12 13 13 13 14 14 14
TROUBLESHOOTING	



- ★Model FA007 Double Chain Stitch Feed-off-the-arm Machine is most suitable for sewing tubes of medium and heavy materials, such as those of jackets, denim trousers, fatigue clothes and work trousers.
- ★Machines made to the puller and denim specifications employ a presser foot, a needle plate, and feed dogs that have steps to prevent sewing irregularity and assure easy sewing of materials which may be different in thickness.
- ★Machines made to the puller and the denim specifications employ a movable needle guard which makes them ideal for sewing heavy materials.
- ★Machines made to the puller and the denim specifications have independent loopers for ease of adjustment.
- ★ Machines made to the puller specifications employ a proximity puller system which assures outstanding feeding performance for a wide range of materials from medium heavy to heavy.

# SPECIFICATIONS

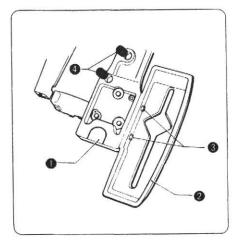
Mode I	FA007-364 M	FA007-3	S4 XL/SP	FA007-36	4 XL/DP	
Stitch pattern	3-line parallel sewing	2-line parallel sewing	3-line parallel sewing	2-line parallel sewing	3-line parallel sewing	
Sewing speed		3,600 spm				
Stitch length	1.4~4.2mm		2~4.2mm			
No. of Needle	3	2	3	2	3	
Needle gauge	$\frac{7}{64}\frac{7}{64}(5.6\text{mm}) \cdot \frac{7}{8}\frac{7}{8}(6.4\text{mm})$ $\frac{5}{32}\frac{7}{32}(8.0\text{mm}) \cdot \frac{7}{16}\frac{7}{16}(9.6\text{mm})$	⅓ <sub>16</sub> (4.8mm) ⅓ <sub>4</sub> (6.4mm)	1/8 1/8 (6.4mm) 5/32 5/32 (8.0mm) 3/16 3/16 (9.6mm)	½ (6.4mm)	1/8 1/8 (6.4mm) 5/32 5/32 (8.0mm)	
Needle bar stroke	33.4mm		35	mm		
Minimum tube size		190mm				
Puller device	None	Equipped	Equipped	Equipped	Equipped	

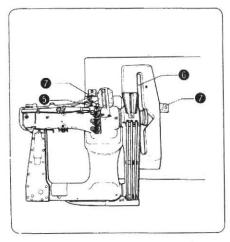
# TABLE OF STANDARD GAUGE

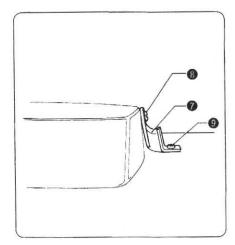
Specifica	tion	Needle gauge	Needle clamp	Needle Plate	Presser foot	Feed dog	Looper assembly	Lapper
		7/64 7/64	7/64 7/64	7/64 7/64	7/64 7/64	1/8 1/8	7/64 7/64	7∕32 MH
	FA007-364 M	1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	7⁄32 H 1∕4 MH
Standard Specification		an						½ H 5/16 MH
		5/32 5/32	5/32 5/32	5/32 5/32	5/32 5/32	5/32 5/32	5/32 5/32	5∕16 H
		3/16 3/16	3/16 3/16	3/16 3/16	3/16 3/16	5/32 5/32	3/16 3/16	3∕8 MH 3∕8 H
		1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	14 XL
Denim Specification	FA007-364 XL /SP , DP	5/32 5/32	5/32 5/32	5/32 5/32	5/32 5/32	3/16 3/16	5/32 5/32	5∕16 XL
		3/16 3/16	3/16 3/16	3/16 3/16	3/16 3/16	3/16 3/16	3/16 3/16	3/8 XL

# INSTALLING

## 1 Installing the Machine Head

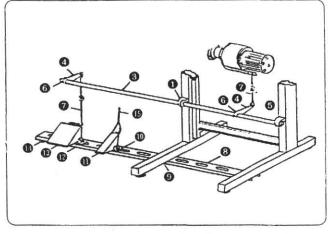


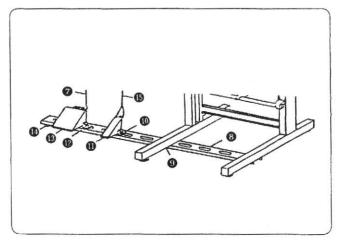




- 1. Install pulley cover base 2 on machine bed 1 with two hexagonal bolts 3.
- 2. Insert bar cushions 4 into the holes in the bottom of the bed.
- 3. Place the machine head on the table, adjust its position in forward and backward directions by aligning it with the hole for presser bar lifter chain **6**, and in sidewise directions by aligning it with belt hole **6**.
- 4. After fastening cushions 7 to the machine bed and pulley cover base with set screws 8, fix them to the table with screws 9.

## 2 Installing the Treadle and Chain

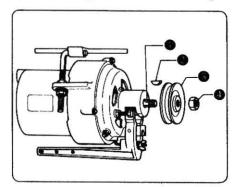




- 1. Fasten connecting lever bearing 1 to the beam in the upper part of the table legs with nut 2.
- Slide connecting lever L 1 onto connecting lever shaft 3, fit it to connecting lever bearing 1, and secure it with connecting lever shaft collar 5.
- Set connecting lever L 

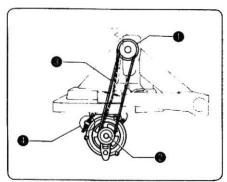
   in line with the clutch lever hole, and tighten it with square head bolts
- Hook connecting rod to the clutch lever and connecting lever L .
- 5. Slide another connecting lever L 1 onto connecting lever shaft 3, and fix it with square head bolts 16.
- Fasten treadle shaft (1) onto the lower beam across the table legs with hexagonal bolts (1).
- 7. Slide pedal stopper (1) and presser foot lifter pedal (1) onto treadle shaft (3), and fasten it with pedal stopper (1).
- 8. Slide treadle stopper (1) and treadle (18) onto treadle shaft (18), and fasten treadle stopper (17) in such a way that treadle (18) will move lightly.
- 9. Slide treadle support 10 onto the end of treadle shaft 13, turn it until treadle shaft 13 is parallel with the floor, and fasten it.
- 10. Hook one end of connecting rod 0 to connecting lever L 10, and hook the other end of it to treadle 10.
- 11. Hook one end of chain to the presser foot lifter lever, pass the other end through the hole in presser foot lifter pedal to and adjust the chain length so that the pedal will be at the same height as treadle.

## 3 Installing the Motor Pulley



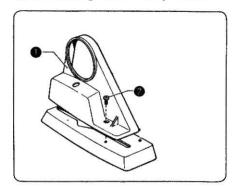
With motor shaft key way 
up, insert key 
into the key way, slide motor pulley onto the motor shaft, and fasten it with nut .

## 4 Belt Tension Adjustment



Place belt ① on machine pulley ② and motor pulley ②, and adjust the belt tension with tension regulator ③ so that the belt sags about 25 to 30 mm when it is pressed with the thumb at the center point between the pulleys.

## 5 Installing the Pulley Cover



Install pulley cover **1** on the pulley cover base with two set screws **2**.

## 6 Motor and Motor Pulley

## 1. Use the motor specified below

Three-phase 200 V	2-pole, 400 W motor

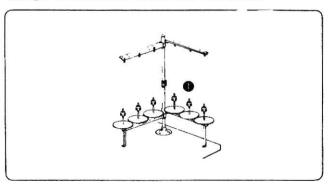
## 2. Motor Pulley

Use the correct motor pulley suitable to the frequency of your power supply as specified below.

Frequency	Sewing speed	Motor pulley	Belt size
50Hz	3,100	85	M-45
	3,600	95	M-46
COTT	3,100	70	M-44
60Hz	3,600	80	M-45

## Spool Stand

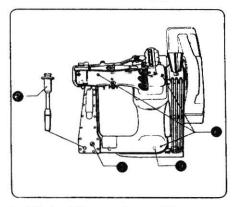
Assemble spool stand 
as shown below, and install it at the right frontal corner of the table with screws.

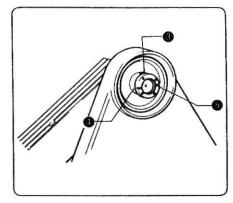


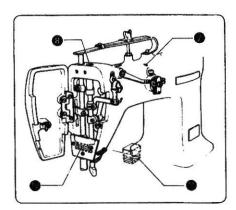
# LUBRICATION AND RUNNING IN

## 1 Lubrication

Be sure to oil the following points before using your sewing machine.



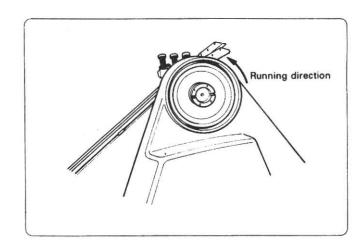




- 1. After setting up the machine, remove adjusting cover screw , and pour oil in up to the reference line on oil gauge .
- 2. Turn the pulley until oil cap is up, remove oil cap and pour oil into oil tank until it is full. If the oil in the oil tank decreases below tank center line the oil will not be drawn into the upper shaft, causing imperfect lubrication. Be sure to keep the oil in the oil tank above oil tank center line •.
- 3. Pour about 5 drops of oil weekly into three oil cups , upper thread nipper tension bracket oil hole , and needle bar bushing oil hole .
- 4. Remove oil drain screw from time to time to discharge the used oil which has collected in the front bed oil sump.
- Wipe arm jaw and rear bed oil sump from time to time to remove oil from them.
   Wuse white spindle oil.

## 2 Running In

- Motor switch on, depress the treadle, and make sure that the pulley runs in the arrow direction.
  - If the pulley runs in the opposite direction, remove the plug, and reconnect two of the three wires (but not the earth wire) of the 3-phase cord.
- 2. To run in your machine, operate it at about 3,100 spm for the first 3 or 4 days.



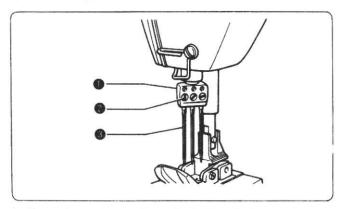
# CORRECT OPERATION

## 1 Needles and Threads

The needle and threads to be used vary depending on sewing conditions. Select the correct ones by referring to the table below.

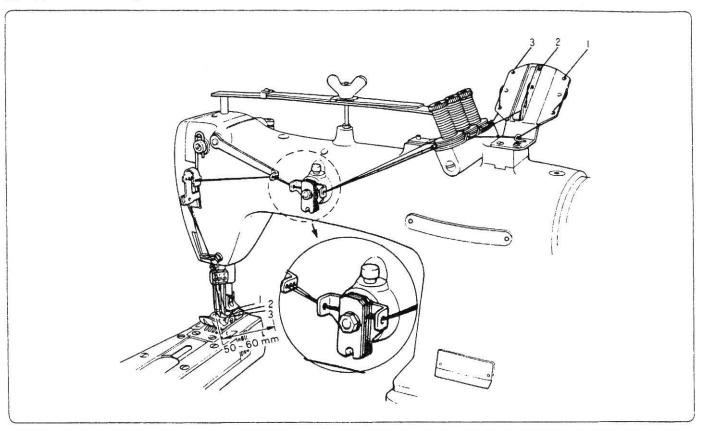
Manufic	Thread	
Needle	Upper thread	Lower thread
#16	Cotton #50	Cotton #60
#19	Cotton #30	Cotton #50
#22	Cotton #20	Cotton #30

## 2 Installing the Needles

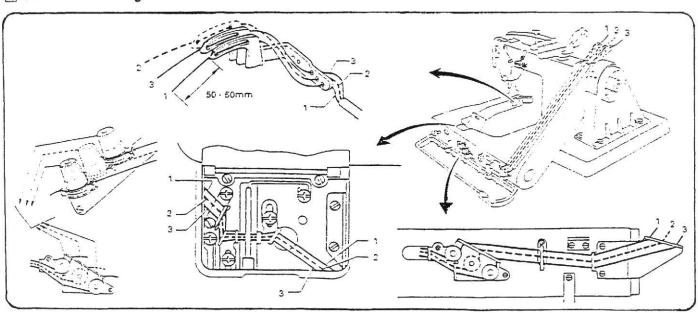


- Turn the pulley until needle holder 
   is raised to the highest position.
- Loosen needle set screws , hold needles with their long grooved side facing front, insert them into needle holder all the way, and fasten the needle with needle set screws .

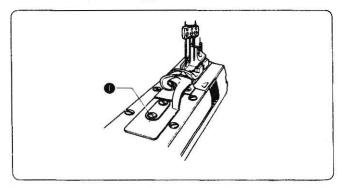
## 3 Upper Threading

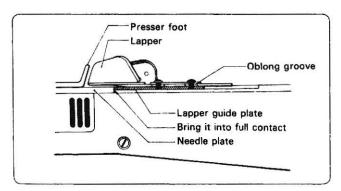


## 4 Lower Threading



## 5 Installing the Lapper



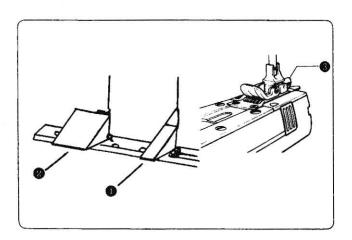


Insert the lapper guide plate into the oblong groove in the forward feed arm, and fit the lapper into place in such a way that its tip will not touch the presser foot.

\*If the lapper is too hard to move, or fails to reach the correct position, loosen set screw 1 slightly and adjust the lapper position.

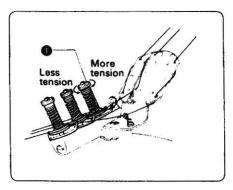
## 6 Sewing

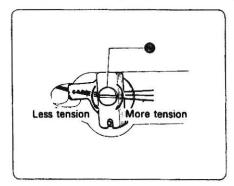
- 1. Switch the power on, step down on presser foot lifter pedal ①, place a fabric under the presser foot, and release presser foot lifter pedal ①.
- 2. Depress treadle ② to start the machine.
- After sewing the work, keep sewing until it reaches thread cutter 3, and then cut the threads with thread cutter 3.

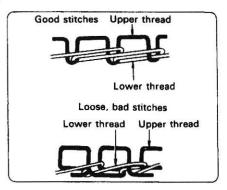


## 7 Thread Tension

Thread tension differs with sewing conditions. Adjust it to suit your particular sewing conditions.





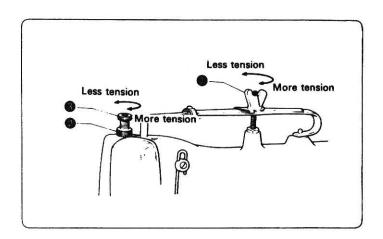


- 1. Adjust the upper thread tension properly by turning upper thread adjusting screw 1.
- 2. Adjust the lower thread tension properly by turning lower thread adjusting screw .

## Presser Foot Pressure Adjustment

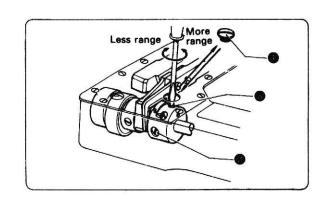
Adjust the presser foot pressure by turning wing nut 
to such a level that it is just enough to keep the work
from slipping.

※In case of Model -SP and -DP, the puller pressure can be adjusted as appropriate to the work by loosening adjusting thumbscrew nut 
② and turning presser adjusting screw ③.



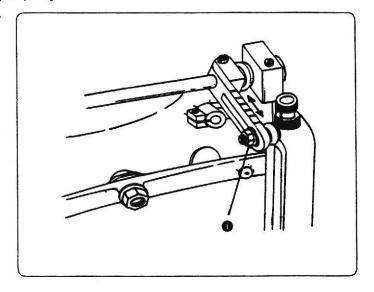
## 9 Stitch Length Adjustment

- 1. Remove adjusting cap screw
- 2. Turn the pulley toward yourself until set screw ② comes to the position of the adjusting cap screw hole.
- 3. Loosen set screw with a screwdriver, turn the pulley again by about one-quarter of a turn in the same direction to bring horizontal eccentric adjusting screw to the position of the adjusting cap screw hole.
- 4. Stitch length will decrease when horizontal eccentric adjusting screw sit turned clockwise with the screwdriver, and increase when it is turned counter-clockwise.
- 5. After the adjustment, tighten set screw securely.
- ★In case of Model -SP and -DP, readjust the needle guard after
  adjusting the stitch pitch. In case of Model -7A and -8A, readjust the needle guard and puller feed.



## Puller Feed Adjustment (Model FA007-364 XL /SP , DP)

- 1. After adjusting the STITCH LENGTH, you have to readjust the PULLER FEED again.
- Loosen the nut •, you can get more feed toward outside, get less toward inside.
- 3. After adjusting, tighten the nut ①.



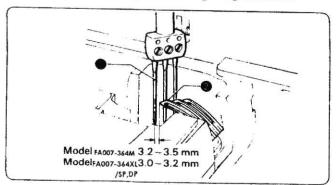
★The table below shows samples of stitches made with a highly elastic fabric and a fabric which is not so elastic.

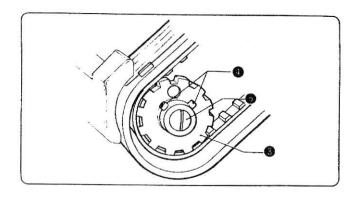
Adjust the puller feed by referring to this table.

Puller feed	Fabric with high elasticity	Fabric with low elasticity
Correct	Feed direction  Neither non-alignment nor sewing wrinkles.	Feed direction  Neither non-alignment nor sewing wrinkles.
Insufficient	Non-aligned, and wrinkled.	Non-aligned, and wrinkled.
Excessive	Non-aligned, and very wavy.	Non-aligned, and very wavy.

# STANDARD ADJUSTMENTS

## Needle and Looper Timing Adjustment





#### Model FA007-364 M

Make an adjustment so that, when needles ② come down to the lowest position, loopers ② will be at the end of their backward travel and that the distance between the centers of the needles and the tips of the loopers will be somewhere from 3.2 to 3.5 mm.

## Model FA007-364 XL /SP , DP

Make an adjustment so that, when needles ① come down to the lowest position, loopers ② will be at the end of their backward travel and that the distance between the centers of the needles and the tips of the loopers will be somewhere from 3.0 to 3.2 mm.

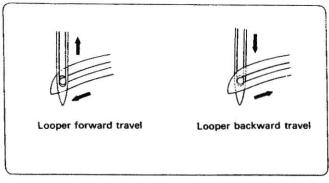
## (Adjusting Method)

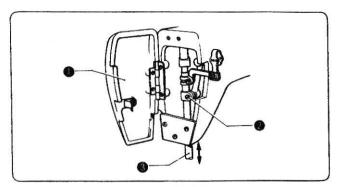
- 1. Remove the presser foot, needle plate and feed dogs.
- 2. Loosen two set screws 1 and cap screw 5 on lower belt wheel 3.
- Turn the pulley toward yourself until needles 

   come down to the lowest position.
- Turn the lower-shaft until loopers reach the end of their backward travel.
- 5. Tighten cap screw 6 and two set screws 4 securely.
- 6. Loosen set screw (6), move looper holder (7) in the arrow direction until the distance between the needle center and the looper tip is 3.2 to 3.5 mm, and retighten set screw (6) securely.
- \*In case of machines made to the denim specifications, the individual loopers must be adjusted because they are independent of one another.

# The looper of standard specification The looper of denim specification

## 2 Needle Bar Height Adjustment



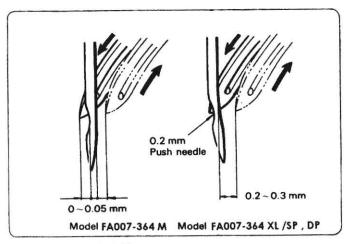


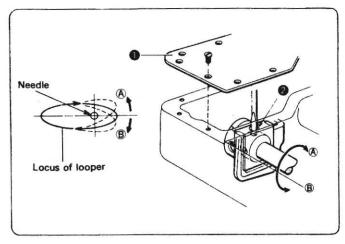
Adjust the needle bar height so that the looper thread eyes will match the needle eyes in the forward and backward travels of the loopers.

## (Adjusting Method)

- 1. Turn the pulley toward yourself until the loopers move forward from the rightmost position to a point where the looper thread eyes are in line with the needles eyes.
- 2. Open face plate ①, loosen needle bar clamp screw ②, and move needle bar ③ up or down until the looper thread eyes are in line with the needle eyes.
- 3. Retighten needle bar clamp screw @ securely.
- After the adjustment, turn the pulley toward yourself and make sure that the looper thread eyes match the needle eyes in the forward and backward travels of the loopers.

## 3 Looper Timing for Avoiding Contact with Needles





## Model FA007-364 M

Make an adjustment so that there will be a clearance of 0 to 0.05 mm between the needles and the loopers in the forward and backward movements of the loopers.

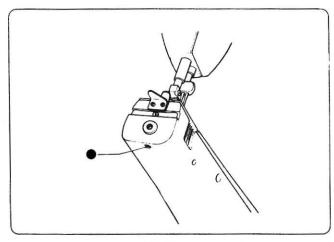
#### Model FA007-364 XL /SP , DP

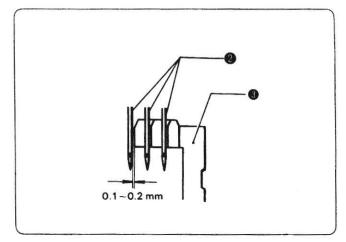
In the forward movement of the loopers, push needles by loopers by 0.2 mm. In the backward movement of the loopers, adjust that the clearance between the loopers and the needles will be 0.2 to 0.3 mm.

## (Adjusting Method)

- 1. Remove forward feed arm cover ①, and turn the pulley toward yourself until the longitudinal eccentric wheel stop screw shows itself at adjusting hole ②.
- Loosen the longitudinal eccentric wheel stop screw until it hardly comes out of the surface of the wheel, turn the pulley again toward yourself, and loosen the other stop screw.
- 3. With the screwdriver holding the stop screw, turn the pulley to adjust the clearance between the needles and the loopers.
- 4. After the adjustment, retighten the two stop screws and the forward feed arm cover screw.

# 4 Needle Guard Adjustment Model FA007-364 M





Make an adjustment so that, when the loopers meet the needles in their forward movement, there will be a clearance of 0.1 to 0.2 mm between the needles and the needle guard.

## (Adjusting Method)

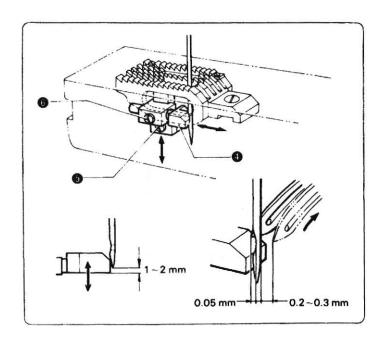
- 1. Turn the pulley toward yourself until the needles come down to the lowest position.
- Loosen stop screw from the underside of the tip of the forward feed arm.
- 3. Adjust the clearance between needles @ and needles guard @ to somewhere from 0.1 to 0.2 mm by moving needle guard @
- After the adjustment, retighten stop screw securely.

#### Model FA007-364 XL /SP . DP

The clearance between the needles and the tips of the loopers will be 0.05 mm, pushing the needles by needle guard ①.

#### (Adjusting Method)

- Turn the pulley toward yourself until the needles come down to the lowest position.
- Loosen stop screw , and raise or lower needle guard
   so that the bottom ends of the needle eyes will be about 0.5 mm above the bottom of needle guard
- Turn the pulley toward yourself again until the tips of the loopers come to the centers of the needles.
- 4. Loosen stop screw , move needle guard to the left or to the right, and adjust so that the clearance between the needles and the tips of the loopers will be 0.05 mm, pushing needle points by needle guard . At this time, please make sure that the clearance between the loopers and the needles is 0.2~0.3 mm in the backward movement of the loopers.



## 5 Feed Dog Height Adjustment

## Model FA007-364 M

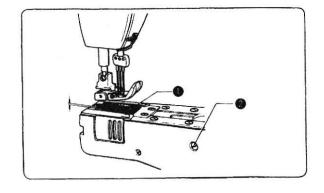
Make an adjustment so that, when feed dog • is at the highest position, the feed dog will be 0.8 mm above the top surface of the needle plate.

## Model FA007-364 XL /SP , DP

Make an adjustment so that the highest part of the feed dog will be 1.2 mm above the top surface of the needle plate.

## (Adjusting Method)

Adjusting the feed dog height by turning feed base eccentric shaft

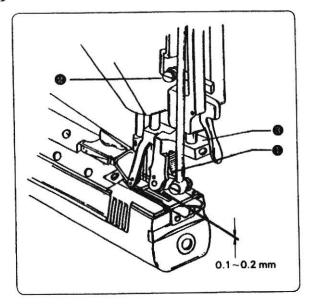


## 6 Puller Height Adjustment (Model FA007-364 XL /SP , DP)

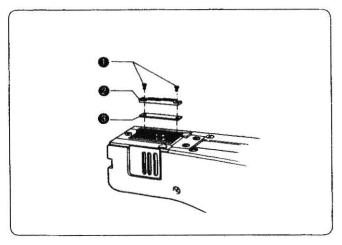
Adjust the height of puller lacktriangle so that it is 0.1 to 0.2 mm high from the top of the needle plate.

#### (Adjusting Method)

Loosen set screw ●, and move puller support ● up or down until puller ● is 0.1 to 0.2 mm above the top of the needle plate.



#### Installing the Spacer (For the denim specifications)

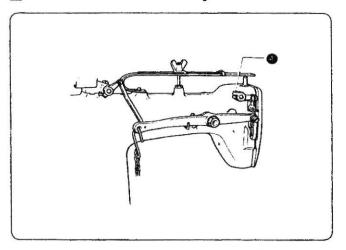


If stitch irregularities develop in sewing very heavy materials, adjust the sub-feed dog to the correct height by spacer.

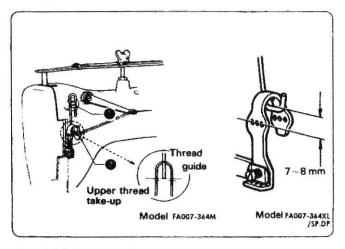
## (Adjusting Method)

- 1. Remove set screw @ and sub-feed dog @.
- Placer spacer under sub-feed dog and retighten set screw .
- \*The spacer is in the parts box.

## 9 Thread Release Lever Adjustment



# Upper Thread Take-up Thread Guide Adjustment



## Model FA007-364 M

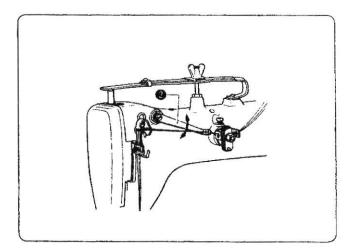
Make an adjustment so that, when the needle bar is down at the lowest position, the top of the upper thread take-up thread hole meets the bottom of the thread guide.

## Model FA007-364 XL /SP , DP

Please adjust the distance between the center of the upper thread take-up and the top of the thread guide will be  $7\sim8$  mm.

## (Adjusting Method)

- Turn the pulley toward yourself until the needle bar is down at the lowest position.
- Loosen set screw , and move upper thread take-up thread guide up or down until its bottom meets the top of the upper thread take-up thread hole.
- ★The higher the upper thread take-up thread guide ②, the
  greater will be the upper thread loops.

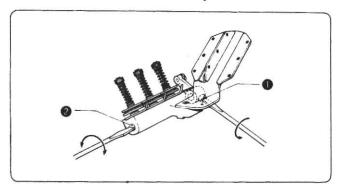


Make an adjustment so that, when the needle bar is down at the lowest position, the thread release lever thread hole meets the thread hole in upper thread tension bracket .

## (Adjusting Method)

- 1. Turn the pulley until the needle bar is down at the lowest position.
- 2. Loosen set screw •, and raise or lower thread release lever until its thread hole meets the thread hole in upper thread tension bracket •.
- \*The higher the thread release lever, the tighter will be the stitches.

## 10 Thread Release Shaft Adjustment

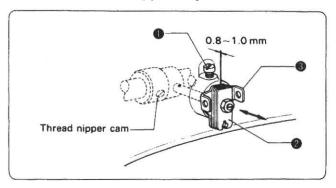


Make an adjustment so that the thread tension discs will loosen when the presser foot is raised, and tighten when the presser foot is lowered.

## (Adjusting Method)

- 1. Loosen stop screw 1.
- Make an adjustment by turning thread release shaft so that the thread tension discs will begin to loosen when the presser foot is raised 4 mm above the top surface of the needle plate.
- 3. After the adjustment, retighten stop screw 1 securely.

## 11 Upper Thread Nipper Adjustment



Adjust the clearance between the upper thread nipper tension bracket and tension plates to somewhere between 0.8 mm and 1.0 mm.

## (Adjusting Method)

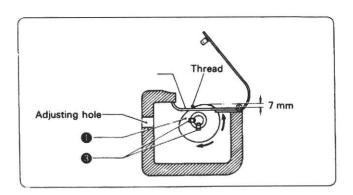
- Loosen stop screw ①, and move upper thread nipper tension bracket ② in or out until the clearance between it and tension plates ③ is somewhere from 0.8 to 1.0 mm.
- \*Stitch tightness can be improved by narrowing the clearance between upper thread nipper tension bracket and the arm.

## 12 Lower Thread Take-up Timing Adjustment

Make an adjustment so that, when the loopers begin to move backward, lower thread take-up • will rise about 5 to 7 mm above lower thread take-up bracket •.

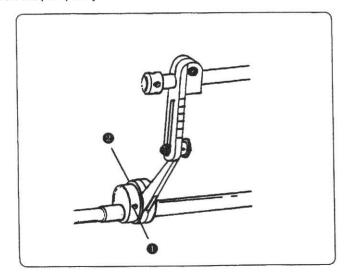
#### (Adjusting Method)

- Insert a screwdriver into the adjusting hole in the bed, and loosen two stop screws .
- 2. Raise lower thread take-up 1 5 to 7 mm above thread take-up bracket 2.
- 3. After the adjustment, retighten two stop screw 3.



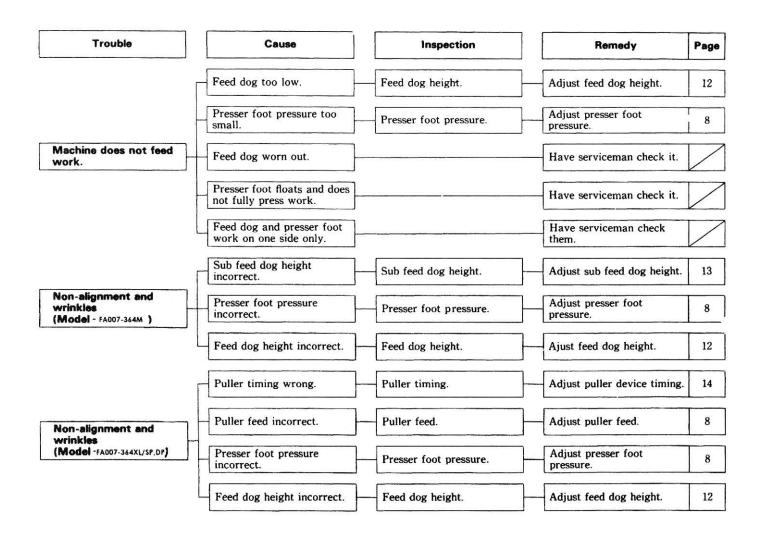
## 13 Puller Device Timing Adjustment (Model FA007-364 XL /SP , DP)

- 1. With 3mm wrench to loosen the screw 0 & 0
- The timing of the feed will be starting when the needle is away from the needle plate about 5 or 6mm, and stoping at 10mm.
- After adjusting the timing, retighten the screw
   & ②.



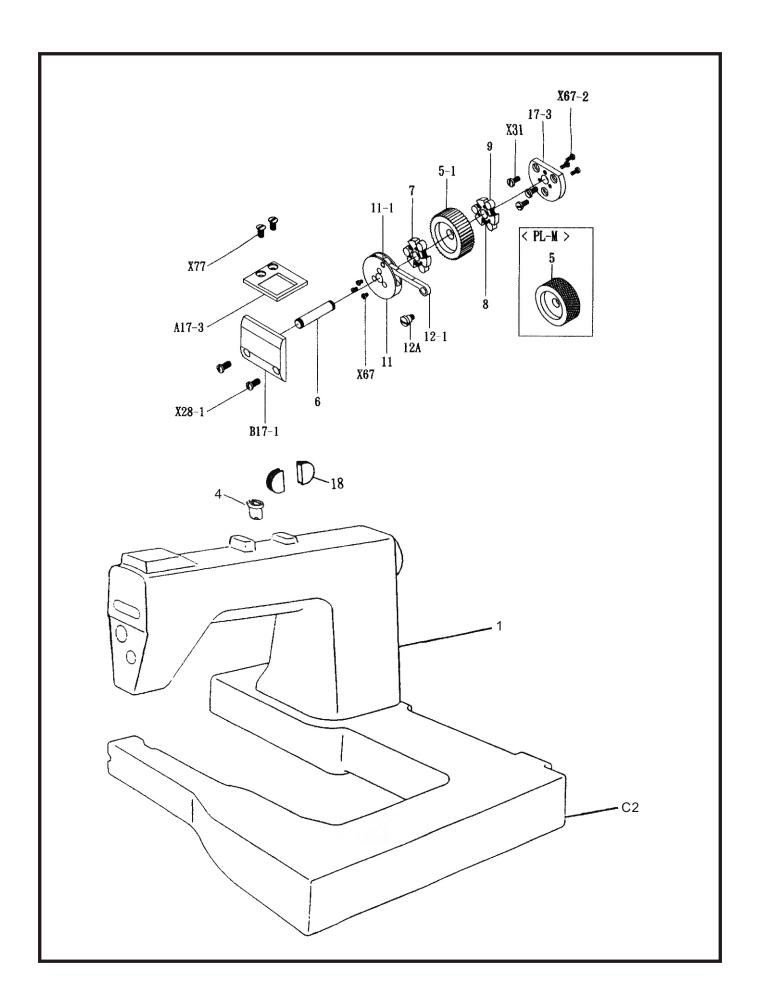
# TROUBLESHOOTING

Trouble	Cause	Inspection	Remedy	Page
	Needles installed improperly	Direction of long groove.	Refer to instructions for needle installing.	5
	Upper thread tension too great.	Upper thread tension.	Adjust upper thread tension.	7
	Lower thread tension too great.	Lower thread tension.	Adjust lower thread tension.	7
Thread breaks.	Thread release lever out of position.	Thread release lever position.	Adjust thread release lever.	13
	Needle eyes too small for threads.	Needle size and thread count.	Refer to the section on "Needles and Threads"	5
	Loopers damaged.		Smooth loopers with sandpaper or buff.	/
	Needles damaged.		Replace needles with good ones.	5
	Needles hit loopers.	Clearance between needles and loopers.	Adjust looper timing to avoid contact with needles.	11
Needles break.	Needles installed improperly.	Direction of long groove.	Refer to instructions for needle installing.	5
Needles Dreak.	Needles hit needles guard.	Clearance between needles and needles guard.	Adjust needles guard.	11
	Needle eyes too small for threads.	Needle size and thread count.	Refer to the section on "Needles and Threads"	5
	Needles installed improperly.	Direction of long groove.	Refer to instructions for needle installing.	5
	Looper points are dull.		Replace loopers with good ones.	10
Stitches skip.	Needle and looper timing wrong.	Needle and looper timing.	Adjust needle and looper timing.	10
	Clearance between needles and loopers too great.	Clearance between needles and loopers.	Adjust clearance between needles and loopers.	11
	Lower thread take-up timing wrong.	Lower thread take-up timing.	Adjust lower thread take-up timing.	14
	Upper thread tension too small.	Upper thread tension.	Adjust upper thread tension.	7
U	Lower thread tension too great.	Lower thread tension.	Adjust lower thread tension.	7
Upper threads loose.	Upper thread take-up thread guide out of position.		Adjust upper thread take-up thread guide position.	
	Upper thread nipper does not tighten upper threads.	Tension plate clearance.	Adjust upper thread nipper.	1



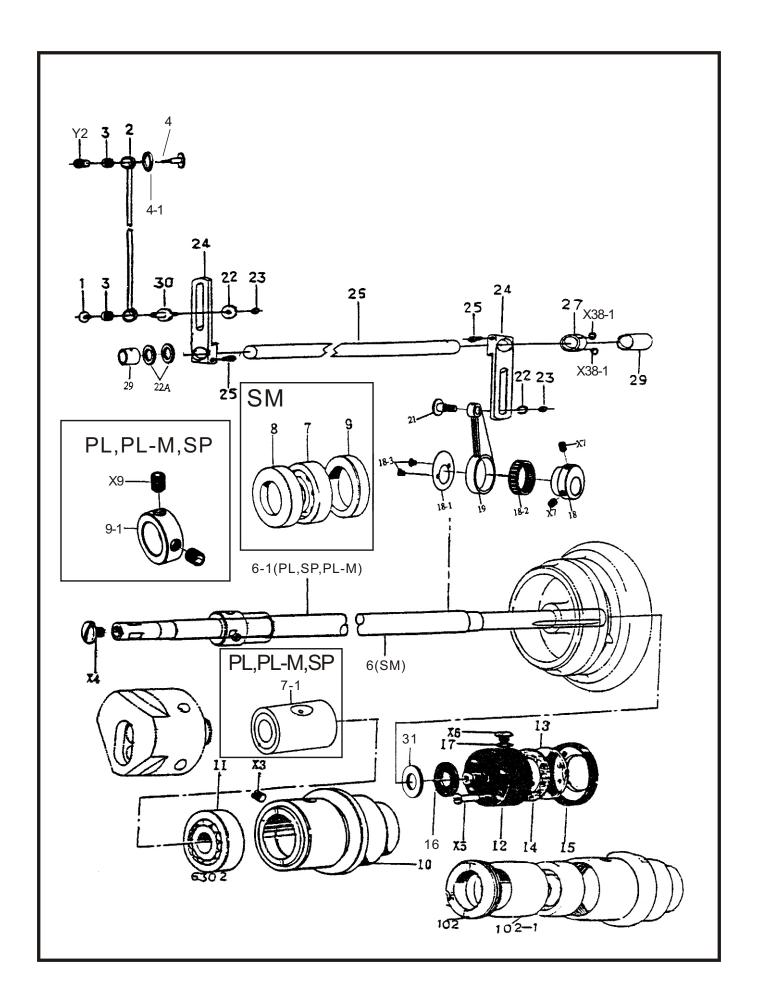
# CONTENTS 目錄

CO-MACHINE BODY ····································
C1-UPPER SHAFT MACHANISM3 上軸結構
C2-NEEDLE BAR MECHANISM-FEED MECHANISM5 針柱與送布傳動結構
C3-PULLY MECHANISM····································
C4- PRESSER BAR MECHANISM····································
C5-LOOPER MECHANISM 11 彎針傳動結構
C6-UPPER THREADING MECHANISM
C7-LOWER THREADING MECHANISM 下導線張力結構
C8-LOWER SHAFT MECHANISM-GAUGE PARTS <sup>17</sup> 下軸結構與針位組
C9-GAUGE PARTS(SP) SP19 針位組
C10-GAUGE PARTS (DP) DP21 針位組
C11-PULLER DEVICE MECHANISM DP、SP23 上拉布輪結構
C12-ACCESSORIES····································



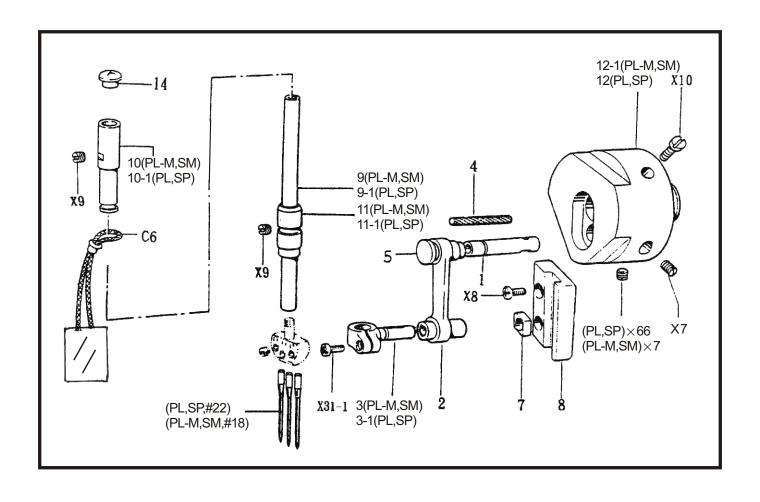
# **MACHINE BODY**

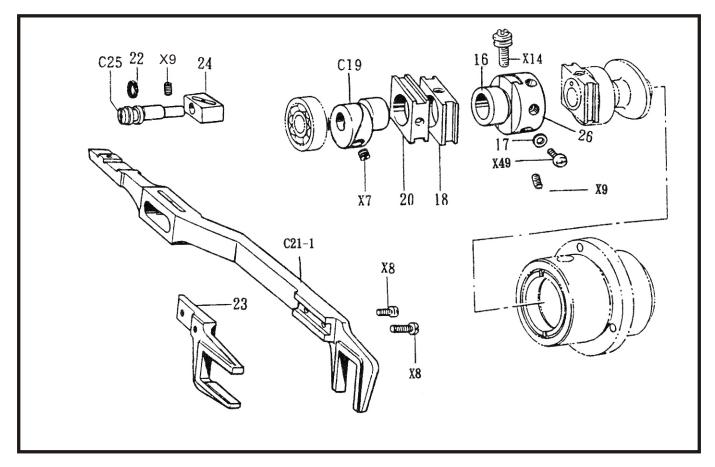
MACHINE BO	ץ טכ	
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C0-01	MACHINE HEAD 機體(上)	1
C0-C2	MACHINE REST BOARD 機體(下)	1
C0-04	OIL PLUG 油塞	1
C0-05	LOWER WHEEL 拉布輪	1
C0-05-1	LOWER WHEEL 拉布輪	1 1
C0-06	LOWER WHEEL CONNECTION 拉布輪軸	<del>  i</del>
C0-07	ONE WAY TRIANGULAR AXLE 單向三向軸片	2
C0-08	ONE WAY STILL SPRING 單向彈簧	6
C0-09	ONE WAY STILL BALL 單向滾珠	6
C0-09 C0-11	ONE WAY PUSHING PLATE 單向推輪	1
C0-11-1	PIN 銷	1 1
C0-11-1 C0-12-1	FIN 銅   FEED DOG PUSHING PLATE LINK 推輪連桿	
	FEED DOG FUGGING FLATE LINK 在無連件	1
C0-12A	SCREW 合葉螺釘	1
C0-B17-1	PULLER COVER 導蓋(右)	1
C0-A17-3	PULLER TOP COVER 護輪蓋	1 1
C0-17-3	PACKING 導蓋	1
C0-18	PLASTIC COVER 橡膠塞	2
C0-X28-1	SCREW 11/64×40 螺釘	2
C0-X31	SCREW 9/64×40 L8 螺釘	3
C0-X67	SCREW 3/32×56 螺釘	3
C0-X67-2	SCREW 3/32×56 L6 螺釘	3
C0-X77	SCREW 11/64×40 L9 螺釘	2
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## **UPPER SHAFT MACHANISM**

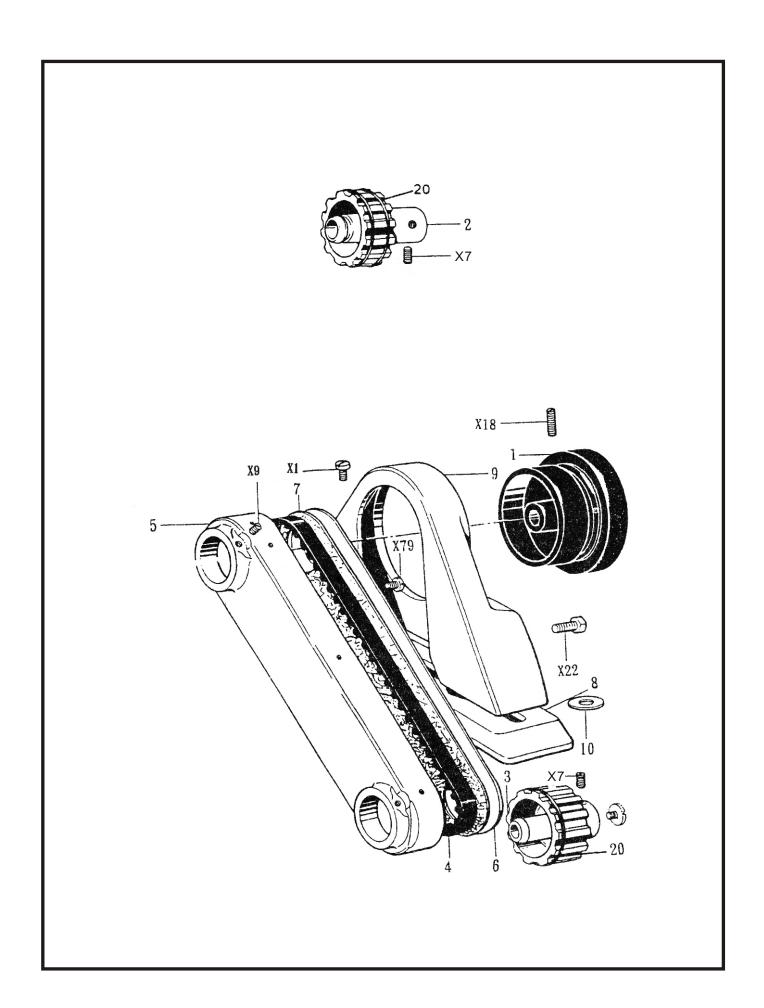
	- I MACHANISM	
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C1-01	PULL BAR ENDING SCREW 合葉螺釘	1
C1-02	VERTICAL PULL BAR 傳動連桿	1
C1-03	PULL BAR BEARING 滾柱軸承	2
C1-04	VERTICAL PULL BAR FIXING SCREW 合葉螺釘	1
C1-04-1	WASER 整圈	1
C1-Y2 C1-06	PULL BAR SCREW NUT 止動螺母   UPPER SHAFT 上主軸	1
C1-06 C1-06-1	UPPER SHAFT 上主軸	1 1
C1-00-1	BALL BEARING 6202 軸承	1
C1-08	BEARING SUPPORT 軸承圏	1
C1-09	OIL STOPPER 油封	i
C1-7-1	FIXING BUSHUNG 上軸套(前)	1
C1-9-1	CHOCK RING 定位圈	1
C1-10	BEARING CASE ASSEMBLY 軸套筒	1
C1-11	BEARING 6302 軸承	1
C1-12	OIL TANK 儲油器	1
C1-13	OILGAUGE WINDOW 油鏡	1
C1-14	PACKING 油封墊圈	1
C1-15	OIL GAUGE FLANGE 儲油器蓋	1
C1-16 C1-17	OIL TANK PACKING 止油銅墊圈	1
C1-17 C1-18	PACKING 橡膠墊圈   UPPER WHEEL ECCENTRIC WHEEL 偏心凸輪	1 1
C1-18-1	CCCENTRIC WHEEL WASHER 凸輪蓋	1
C1-18-2	BEARING 滾柱軸承	1
C1-18-3	SCREW 9/64×40 螺釘	2
C1-19	UPPER WHEEL MOVING PULL BAR 凸輪傳動連桿	1
C1-21	PULL BAR SCREW NUT 合葉螺釘	1
C1-22	FIXING PULL BAR SCREW WASHER 止滑墊圈	2
C1-22A	WASHER 墊圈(厚PL,PL-M,SP)(薄PL,PL-M)	2
<u>C1-23</u>	PULL BARSCREW NUT 螺母	2
C1-24	THICKNESS ADJUSTING PULL BAR 擺動傳桿	2
C1-25	PULL BAR FIXING PULL BAR 螺釘	2
C1-26 C1-27	UPPER WHEEL CONNECTION 傳動軸 MOVABLE LEFT-RIGHT CHOCK RING 定位圈	1
C1-27	MOVABLE LEFT-RIGHT CHOCK KING 足位圏   CONNECTION COPPER TUBE 銅套筒	2
C1-30	VERTICAL PULL BAR 雙頭合葉螺釘	1
C1-31	WASHER 墊圈	1 1
C1-102	BEARING FIXING SCREW 外牙螺母	1
C1-102-1	BEARING FIXING BUSHING 緊壓套筒	1
C1-X3	SCREW 15/64×28 螺釘	1
C1-X4	SCREW 15/64×28 螺釘	1
C1-X5	SCREW 9/64×40 螺釘	4
C1-x6	CAP SCREW 覆蓋螺釘	1
C1-X7	SCREW 1/4×28 螺釘	2
C1-X9	SCREW 15/64×28 螺釘	2
C1-X38-1	SCREW 11/64×40 螺釘	2
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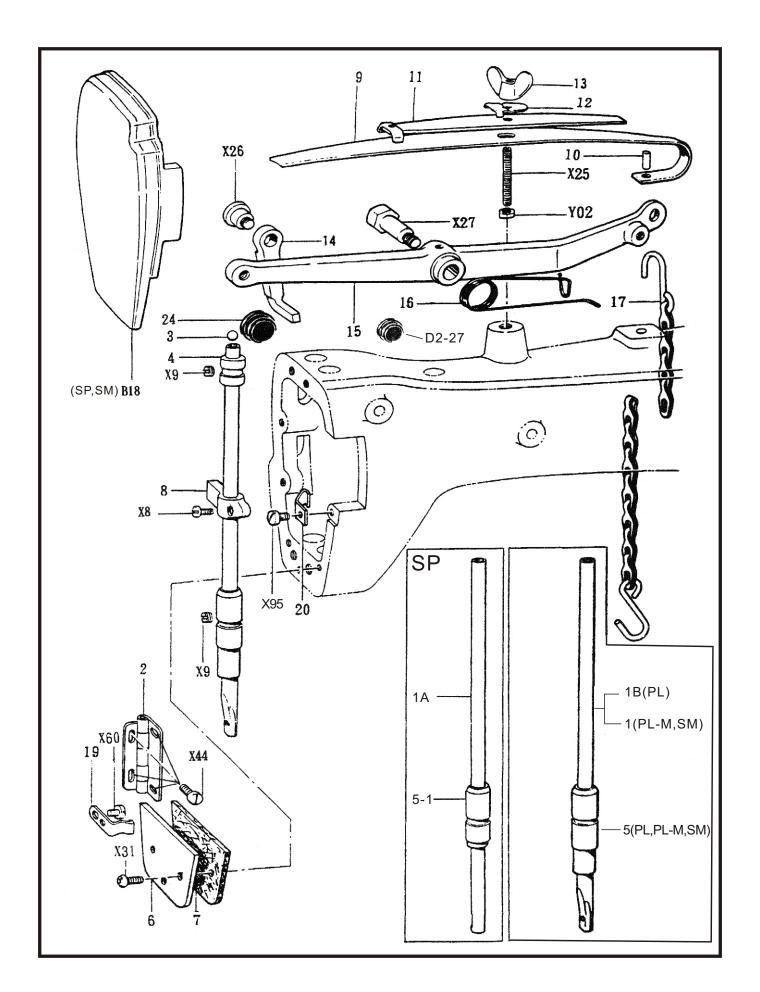
# NEEDLE BAR MECHANISM-FEED MECHANISM

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REF. NO.部件編號	NAME OF PARTS 說明	Amt req	需求量
C2-01	NEEDLE BAR CRANK 固定軸	1	
C2-02	NEEDLE BAR CRANK BOD 提升連桿	1	
C2-03	NEEDLE BAR BRACKET 針柱夾	1	
C2-03-1	NEEDLE BAR BRACKET 針柱夾	1	
C2-04	WICK 油蕊	1	
C2-05	OIL LEAK PROOF CAP 防油蓋	1	
C2-C6	WICK 油蕊	1	
C2-07	NEEDLE BAR GUIDE SLIDE BLOCK 四方滑塊	1	
C2-08	NEEDLE BAR GUIDE 導軌	1	
C2-09	NEEDLE BAR 針柱	1	
C2-09-1	NEEDLE BAR 針柱	1	
C2-10	NEEDLE BAR BUSHING (UPPER) 針柱套筒(上)	1	
C2-10-1	NEEDLE BAR BUSHING (UPPER) 針柱套筒(上)	1	
C2-11	NEEDLE BAR BUSHING (LOWER)針柱套筒(下)	1	
C2-11-1	NEEDLE BAR BUSHING (LOWER)針柱套筒(下)	1	
C2-12	THREAD TAKE-UP CRANK 平衡凸塊	1	
C2-12-1	THREAD TAKE-UP CRANK 平衡凸塊	1	
C2-14	OIL CAP 橡膠塞	1	
C2-15	NEEDLE 針(PL,SP#22)(PL-M,SM#18)	3	3
C2-16	FEED DOG ECCENTRIC AXLE 調節凸輪	1	
C2-17	WASHER 墊圈	1	
C2-18	ECCENTRIC WHEEL SLEEVE 銅滑塊	1	
C2-C19	ECCENTRIC WHEEL WITH SCREW 上下凸輪	1	
C2-20	ECCENTRIC WHEEL SLEEVE 銅滑塊	1	<u> </u>
C2-C21-1	FEED BAR SLIDE BLOCK ASSEMBLY 送布傳動曲柄	1	•
C2-22	PACKING 油封墊圈	1	
C2-23	FEED LIFTING FORK 叉動柄	1	
C2-24	FEED BAR SLIDE BLOCK ASSEMBLY 四方滑塊	1	
C2-C25	FEED BAR ECCENTRIC SHAFT 偏心軸	1	•
C2-26	FEED DOG ECCENTRIC SET 固定座	1	
C2-X7	SCREW1/4×40 螺釘	5	
C2-X8	SCREW11/64×40 L12 螺釘	4	
C2-X9	SCREW 15/64×28 螺釘	5	5
C2-X10	SCREW 15/64×28 螺釘	2	2
C2-X14	FEED ECCENTRIC ADJUSTING SCREW 倒位螺釘	1	
C2-X31-1	SCREW 9/64×40 螺釘	1	
C2-X49	SCREW 9/64×40 L5 螺釘	1	
C2-X66	THREAD TAKE-UP CRANK 平衡凸塊	1	
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# **PULLY MECHANISM**

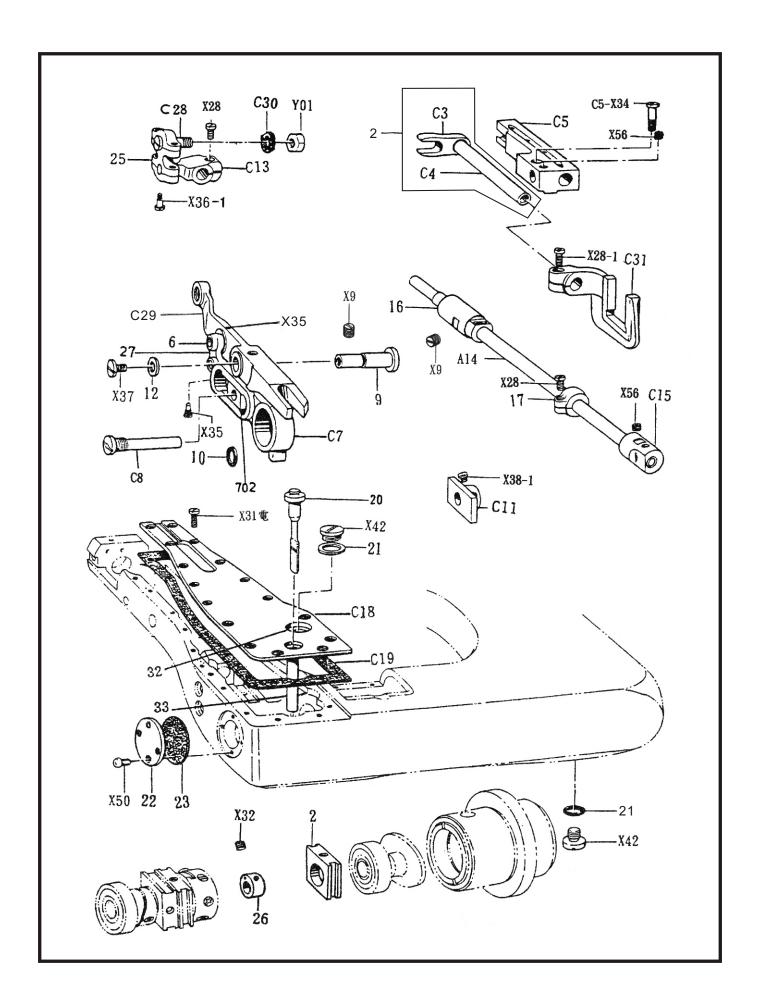
	IANISIVI	
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C3-01	PULLEY 皮帶輪	1
C3-02	TIMING BELT WHEEL ASSEMBLY (SUPPER) 同步皮帶輪(上)	1
03-02	TIMING DELI WILELAGSLINDLI (GOFFEI) 同步庆市輔(工)	
C3-03	TIMING BELT WHEEL ASSEMBLY (LOWER) 同步皮帶輪(下)	1
C3-04	TIMING BELT 同步時規皮帶 BELT COVER 皮帶座	1
C3-05	BELT COVER 皮帶座	1
L C3-06	BELT COVER PLATE 皮帶座蓋板	1
C3-07	PACKING 防油墊片	1
C2 00	PULLEY COVER BASE 配重固定塊	-
C3-08	PULLEY COVER BASE 配量固定塊	1
C3-09	PULLEY COVER 皮帶輪護蓋	1
C3-10	WASHER 墊圈	2
C3-20	SPRING COIL O型彈圈	3
C3-X01	SCREW1/4×28 螺釘	2
C3-X01	3CREW1/4人20	
C3-X07	SCREW1/4×28 螺釘	5
X3-X09	SCREW1/4×28 螺釘	2
C3-X18	SCREW 15/64×28 螺釘	2
C3-X22	SCREW 7/16×14 螺釘	2
C3-X79	SCREW 3/16×32 L8 螺釘	2
C3-X79	SONEW 3/10人32 Lo 蛛』	
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C4~9~

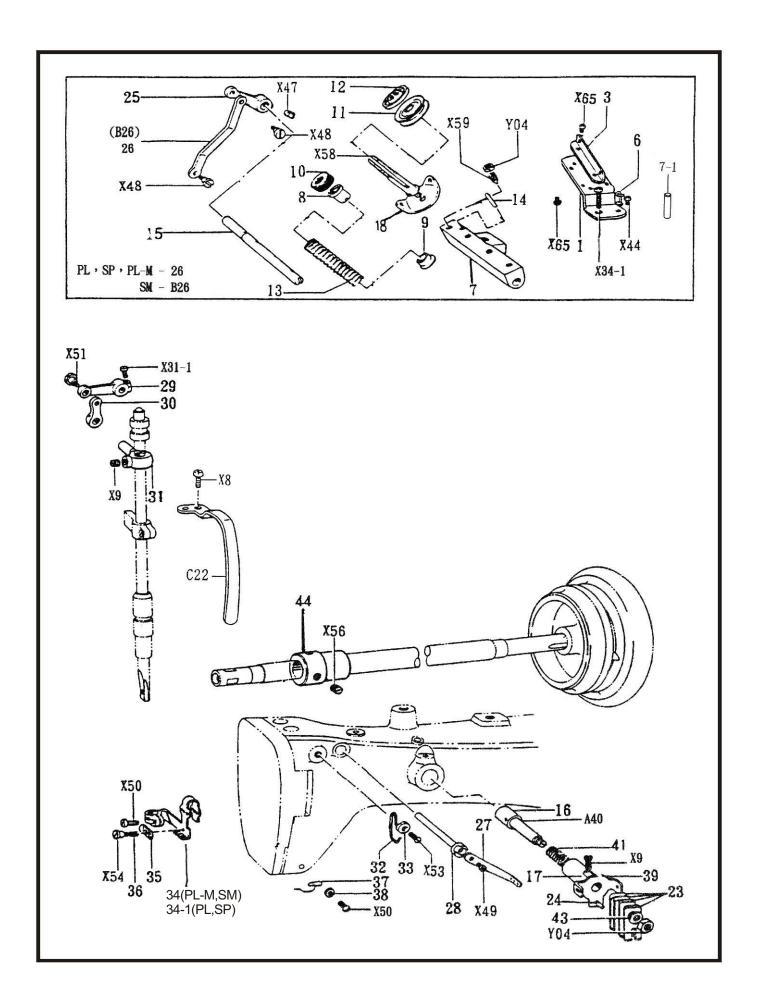
## PRESSER BAR MECHANISM

	AN MECHANISM	T
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C4-01	PRESSR BAR 壓腳柱	1 1
C4-1A	PRESSR BAR 壓腳柱	1 1
C4-1B	PRESSR BAR 壓腳柱	1 1
C4-02	FACE PLATE UPPER HINGE ASSEMBLY 蝶型後鈕	1 1
C4-03	STEEL BALL 鋼珠	1 1
<u>C4-04</u>	PRESSER BAR BUSHING (UPPER) 壓腳柱軸套(上)	1 1
C4-05	PRESSER BAR BUSHING (LOWER) 壓腳柱軸套(下)	1 1
<u>C4-5-1</u>	PRESSER BAR BUSHING (LOWER) 壓腳柱軸套(下)	1 1
<u>C4-06</u>	FACE PLATE (LOWER) 前蓋板(下)	1 1
C4-07	PACKING 防油墊片	1 1
C4-08	PRESSER BAR CLAMP ASSEMBLY 壓腳柱夾	1 1
C4-09	PRESSER BAR CLAMP SPRING 壓力板	1 1
C4-10	PRESSER BAR CLAMP SPRING PIN 定位銷	1 1
C4-11	PRESSER BAR CLAMP SPRING ASSEMBLY 上壓力彈片	1 1
C4-12	GUIDE WASHER 定向墊片	1 1
C4-13	WING NUT 蝶型螺母	1 1
C4-14	PRESSER BAR LIFTER 壓腳提放勾	1 1
C4-15	KNEE LIFTER LEVER 壓腳提放柄	1 1
C4-16	KNEE LIFTER SPRING 壓腳提放彈簧	1 1
C4-17	PRESSER FOOT LIFTER CHAIN ASSEMBLY 傳動鏈條	1 1
C4-B18	FACE PLATE (UPPER) 前上蓋	1 1
C4-19	STOPPER SPRING PLATE (L) 彈片勾(外)	1 1
C4-20	STOPPER SPRING PLATE (S) 彈片勾(內)	1 1
C4-24	OIP CAP 油塞	1 1
C4-X8	SCREW11/64×40 螺釘	1
C4-X9	SCREW 15/64×28 螺釘	2
C4-X25	PRESSER ADJUSTING SCREW 全牙螺釘	1
C4-X26	STUD SCREW 15/64×28 螺釘	1 1
C4-X27	STUD SCREW 5/16×28 螺釘 SCREW 9/64×40 L10 螺釘	1 2
C4-X31		3
C4-X44	SCREW 9/64×40 螺釘	4
C4-X60	SCREW 9/64×40 螺釘   SCREW 9/64×40 螺釘	1 1
C4-X95		1 1
C4-Y02	SCREW 3/16×32 螺母	1 1
C4-D2-27	RUBBER PLUR 橡膠塞	<u> </u>
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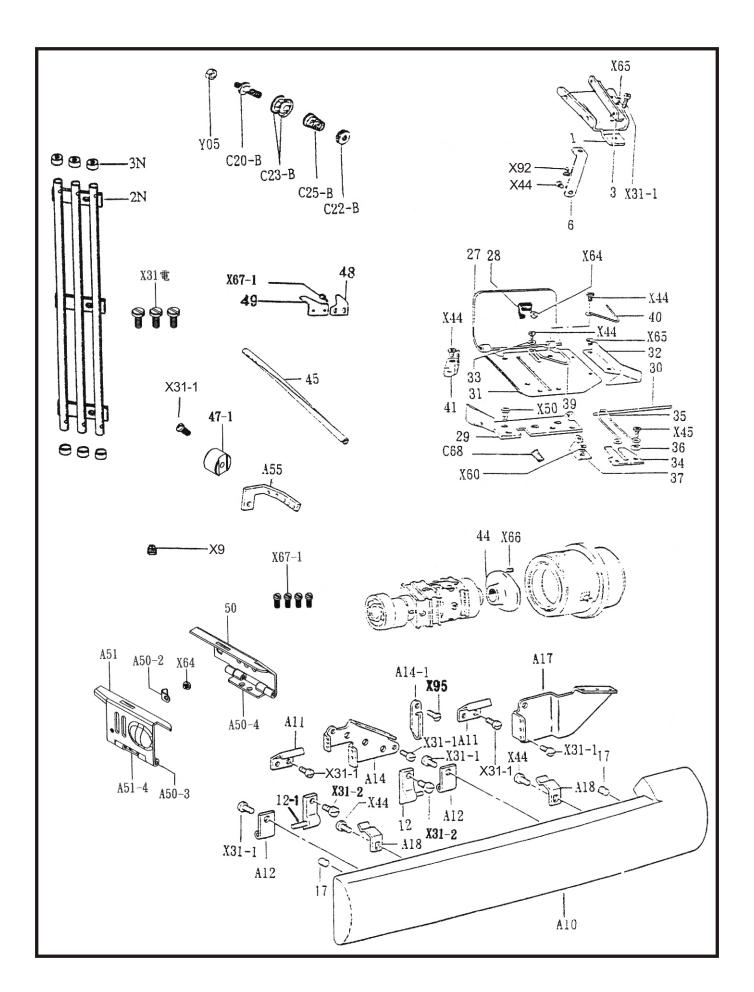
## LOOPER MECHANISM

LOOF LIX IVIL	CHANISM	
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C5-02	ECCENTRIC WHEEL SLEEVE 銅滑塊	1
C5-C3	LOOPER FEEDING FORK 滑動叉	1
C5-C4	LOOPER FEEDING SHAFT 滑動叉(軸)	1
C5-C5	LOPPER FEEDING SHAFT BRACKET 滑動叉基座	1
C5-06	PIN 叉銷	1
C5-C7	LOOPER FRONT-REAR TRANSMISSION 前後驅動連桿	1
C5-C8	SLIDE BROCK SHAFT 固定軸牙	1
C5-09	LOOPER LEVER SHAFT ?節固定軸	1
C5-10	PACKING 墊圈	1
C5-C11	CONNECTING ROD GUIDE PLATE 上下驅動連桿	1
C5-12	WASHER 墊圈	1
C5-C13	LOOPER SHAFT CLAMP 傳動軸夾	1
C5-A14	LOOPER SHAFT 傳動軸	1
C5-C15	LOOPER SHAFT BUSHING (F) 傳動軸套筒(後)	1
C5-16	LOOPER SHAFT BUSHING (B) 傳動軸套筒(前)	
C5-17	SET COLLAR 定位夾	1
C5-C18	FORWARD ARM CONER ASSY 平面蓋板	1
C5-C19	PACKING 防油墊片	1
C5-20	OIL GAUGE 探油棒	1
C5-21	PACKING 橡膠墊圈	3
C5-22	CAP PLATE 下軸蓋	1
C5-23	PACKING 防油墊片	1
C5-25	"8"TYPE TRANSMISSION DEVICE 8字銅連桿	1
C5-26	ECCENTRIC WITH SCREW 小凸輪	1
C5-27	EYEPIECE H型連桿	1
<u>C5-C28</u>	STEEL BALL 萬向滾珠	1
C5-C29	LOOPER SLIDE BASE 連桿固定片	1
C5-C30	WASHER 波浪彈片	1
C5-C31	LOOPER FEEDING FORK 叉動柄	
C5-32		
<u>C5-33</u>		
C5-702	SQUARE BALL 四方滑塊	
C5-X9	SCREW 15/64×28 螺釘	2
C5-X28	SCREW 11/64×40 螺釘	1
C5-X28-1	SCREW 11/64×40 螺釘	1
C5-X31	SCREW 11/64×40 螺釘	16
C5-X32	SCREW 11/64×40 螺釘	2
C5-X34	SCREW 3/16×32 螺釘	1
C5-X35	SCREW 3/32×56 螺釘	2
<u>C5-X36-1</u>	SCREW M3.5 L=10 螺釘	4
<u>C5-X37</u>	SCREW 11/64×40 螺釘	1
C5-X38-1	SCREW 11/64×40 螺釘	2
C5-X42	SCREW 1/2×28 螺釘	3
C5-X50	SCREW 9/64×40 L=5 螺釘	4
C5-X56	SCREW 15/64×28 螺釘	2
C5-Y01	NUT 15/64x28 螺釘	1
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## **UPPER THREADING MECHANISM**

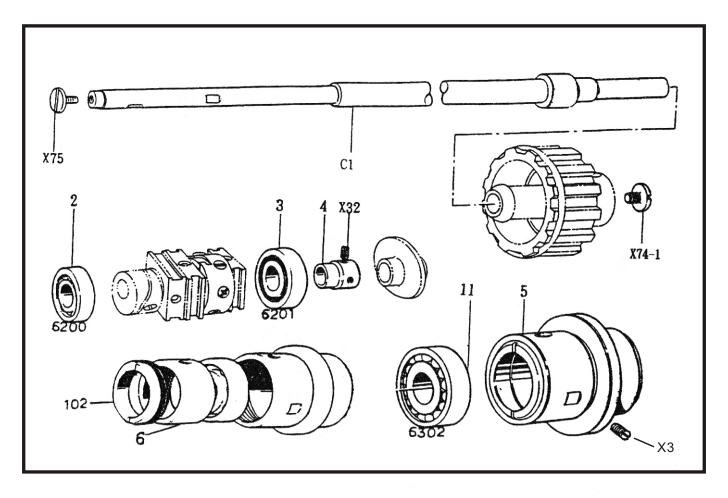
01 1 21 111111	EADING MECHANISM	
REF. NO.部件編號	NAME OF PARTS 說明	Amt reg需求量
C6-01	UPPER THREAD GUIDE RETAINER 上導線座	1
C6-03	BRACKET 過線片	1
C6-06	THREAD HANGER 導線圏	1
C6-06 C6-07	LINE GUIDE DEVICE 倒位基座	1
C6-07 C6-7-1	PIN 銷	
	FIN	1
C6-08	TENSION SPRING WASHER 彈簧墊圈	3
<u>C6-09</u>	TENSION SPRING WASHER 彈簧墊圈	3
<u>C6-10</u>	NUT 螺母	3
<u>C6-11</u>	TENSION DISC 沙拉片	6
C6-12	TENSION DISE PRESSER 張力墊圈	3
C6-13	UPPER THREAD TENSION SPRONG 張力彈簧	3
C6-14	UPPER THREAD RELEASE PIN 銷	1
C6-15	THREAD RELEASER SHAFT 轉軸	1
C6-16		'
C6-17		
C6-18	UPPER THREAD TENSION SUTD SCREW 過線固定片	3
	LOWER THREAD TENSION PLATE 張力夾線片	4
C6-23		1
<u>C6-24</u>	PIN 銷	1 1
C6-25	TENSION RELEASE CRANK 連桿	1 1
C6-26	TENSION RELEASE CONNECTING BAR 上線鬆放提柄	1
C6-27	THREAD RELEASER LEVER 撥線片	1
C6-28	THREAD RELEASER LEVER SAFT 撥線軸	1
C6-29	TENSION RELEASE CONNECTING ROD 連桿	1
C6-30	TENSION RELEASE LINK 小連柄	1
C6-31	TENSION RELEASE SUTD   壓腳柱夾	1 1
C6-31	THREAD GUIDE 導線勾	1 1
C6 22	TRREAD GOIDE	1 1
C6-33	WASHEN 主図   HIDDED TUDEAD TAKE HID LEEVED ASSEMING 工統	1 1
<u>C6-34</u>	UPPER THREAD TAKE-UP LEEVER ASSEMLY 天杯	1 1
<u>C6-34-1</u>	UPPER THREAD TAKE-UP LEEVER ASSEMLY 天秤	1 1
<u>C6-35</u>	THREAD CHECKER 天秤夾線片	1 1
C6-36	SPRING 彈簧	1
C6-37	LOWER THREAD GUIDE 導線勾(D)	1
C6-38	WASHER 墊圈	1
C6-39	UPPER THREAD TENSION REGULATOR ASSEMBLY ?通導線片	1
C6-A40	UPPER THREAD TENSION SUTD ASSEMBLY 張力調節軸	1
C6-41	UPPER THREAD TENSION SPRING 彈簧	1 1
	WASHER 塾圏	1 1
<u>C6-43</u>		1 1
<u>C6-44</u>	UPPER THREAD FASTENING CAM WITH SCREW 上線張力凸輪	1 1
C6-X8	SCREW 9/64×40 螺釘	2
C6-X9	SCREW 15/64×28 螺釘	1
C6-X31-1	SCREW 9/64x40 螺釘	1
C6-X34-1	SCREW 11/64×40 螺釘	2
C6-X44	SCREW 9/64×40 L=5 螺釘	1
C6-X47	SCREW 11/64×40 螺釘	1
C6-X48	SCREW 9/64×40 螺釘	2
C6-X49	SCREW 9/64×40 L=6 螺釘	1
	SCREW 9/64×40 螺釘	1
C6-X50	SCREW 9/04×40 「Skell	1 1
<u>C6-X51</u>	SCREW 11/64×40 螺釘	1 1
C6-X53	SCREW 9/64×40 螺釘	1 1
C6-X54	SCREW 3/32×56 螺釘	1
C6-X56	SCREW 15/64x28 螺釘	2
C6-X58	UPPER THREAD TENSION STUD SCREW 叉口合葉螺釘	3
C6-X59	SCREW 11/64×40 螺釘	1
C6-X65	SCREW 3/32×56 L=4 螺釘	2
C6-B26	TENSION RELEASE CONNECTING BAR 上線鬆放提柄	2
	THREAD TAKE-UP COVER 天秤護蓋	1
<u>C6-C22</u>	NUT 11/64x40 螺釘	1 1
C6-Y04	NOT   11/04X40	<u> </u>
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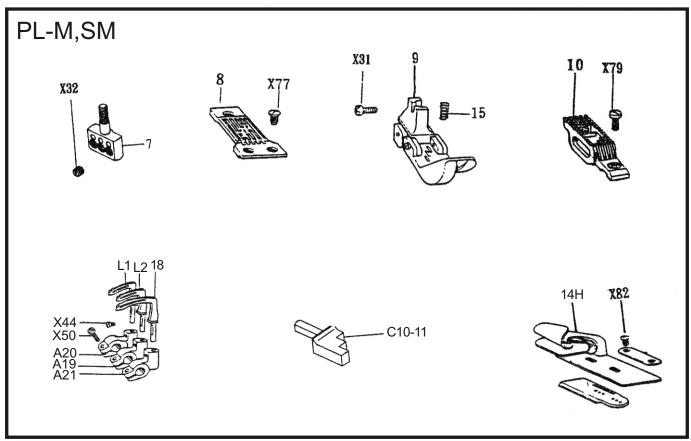


C7~15~

### LOWER THREADING MECHANISM

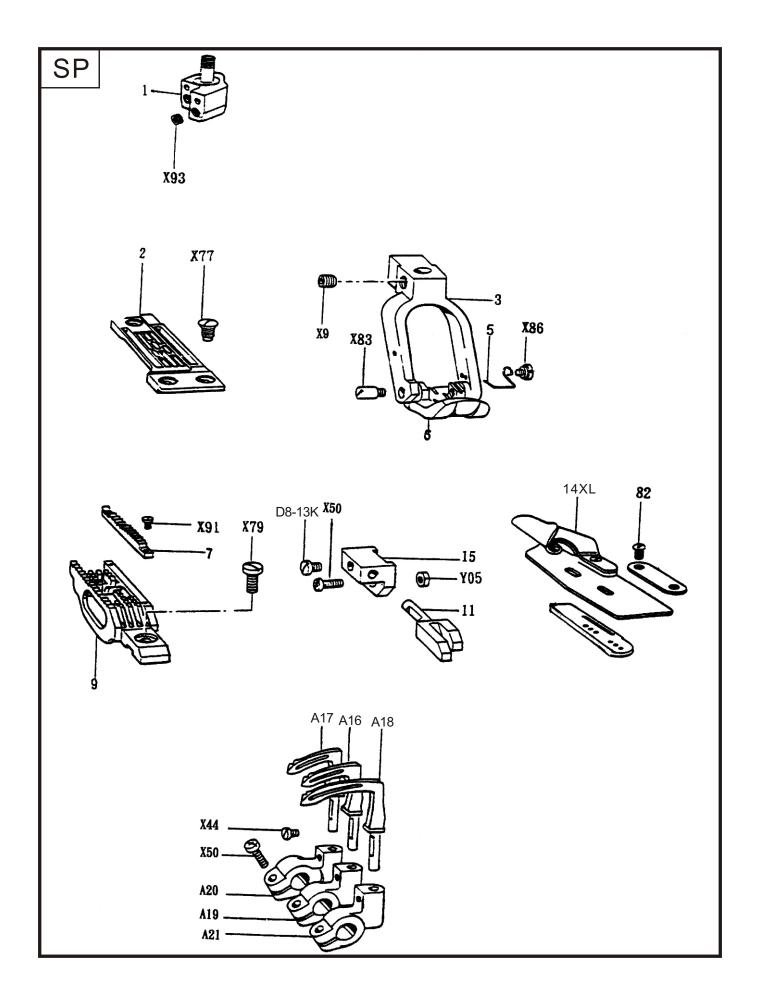
	EADING MECHANISM	
REF. NO.部件編號		Amt req需求量
C7-01	LOERT THREAD GUIDE RETAINER 導線架(上)	1
C7-02N	THREE PIPE-LINE THREAD TUBE 三線過線管	1
C7-03	BRACKET 過線片	1
<u>C7-03N</u>	THREAD TUBE CLAMP 導線圏	6
C7-06	LOWER THREAD GUIDE SUPPORTER 支架輔助	1
C7-12	LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕(上)	2
C7-12-1	LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕插銷	2
C7-17	LOWER THREAD COVER 橡膠墊	2
C7-A10	LOWER THREAD COVER 下前蓋	1
C7-A11	PLATE SPRING 彈簧勾	2
E7-A12	FIXING PLATE 活動鈕(下)	2
C7-A14	LOWER THREAD TENSION BRACKET 三通過線片	
C7-A14-1	THREAD GUIDE 穩線片	
C7-A17	LOWER THREAD GUIDE RETAINER ?通過線片	1
C7-A18	PLATE SPRING 彈片勾	2
C7-A50	LOOPER SIDE COVER (R) ASSY 彎針護蓋	1
C7-A51	LOOPER SIDE COVER (L) ASSY 彎針護蓋	
C7-A55	LOWER THREAD GUIDE 過線片	1 1
C7-C20-B	THREAD TENSION ROD 沙拉螺柱	3
C7-C21-B	LOWER TEREAD TENSION BRACKET 沙拉托架	3
C7-C22-B	LOWER TEREAD TENSION NUT 沙拉螺母	3
C7-C23-B	LOWER TEREAD TENSION PLATE 沙拉片	6
C7-C25-B	LOWER TEREAD TENSION SPRING 沙拉彈簧	3
C7-27	THREAD TAKE-UP LEVER COVER 護線蓋	1
C7-28	SPRING 彈簧勾	
C7-29	LOWER THREAD TAKE-UP LEVER FRAME 過線輔助架	
C7-30	LOWER THREAD TAKE-UP LEVER COVER SHAFT 銷	1
C7-31	LOWER THREAD TAKE-UP LEVER BASE 過線支架	1
C7-32	GUIDE PLATE 過線輔助架	1
C7-33	WASHER 墊圈   LOERT THREAD GUIDE PLATE 固定片	1
C7-34		1
C7-35	SCREW 彈簧 WASHER 墊圈	1
C7-36		1
C7-37	LOWER THREAD GUIDE(LEFT) 彈片扣	1
C7-39	LOWER THREAD GUIDE(LEFTRIGHT) 導線勾	2
C7-40	LOWER THREAD GUIDE(LEFT)	1
C7-41	LOWER THREAD GUIDE PLATE 固定片	1
C7-44	LOWER THREAD TAKE-UP DISC ASSEMBLY 配線凸輪   LOWER THREAD FEED TUBE 過線管	1
C7-45		
C7-47-1	LOOPER THREAD GUIDE BRACKET 針受座  THREAD CUTTER GUIDE PLATE 切線刀	
C7-48	THREAD CUTTER GOIDE PLATE 切線力	
C7-49	STOPPER SPRING PLATE 彈片勾	1
C7-A50-2	PIN 銷	
C7-A50-3 C7-A50-4	FIN 朝   FACE PLATE UPPER HINGE ASSEMBLY(R) 蝴蝶後扭(右)	4
C7-A50-4 C7-A51-4	FACE PLATE UPPER HINGE ASSEMBLY(L)   蝴蝶後扭(左)	1
C7-A51-4 C7-C68	PIN 銷	1
	SCREW 15/64×28 螺釘	1
C7-X9	SCREW 11/64×40 螺釘	3
C7-X31電 C7-X31-1	SCREW 11/64×40 螺釘	12
C7-X31-1 C7-X31-2	SCREW 9/64×40 L10 螺釘	2
C7-X31-2 C7-X44	SCREW 9/64×40 L5 螺釘	7
C7-X44 C7-X45	SCREW 9/04x40 L3 緊迫    SCREW 9/64 螺钉	2
C7-X43	SCREW 9/64 螺钉	2
C7-X50	SCREW 9/64×40 L4 螺钉	1
C7-X64	SCREW 3/32x56 螺钉	3
C7-X65	SCREW 3/32x56 L4 螺钉	2
C7-X65	SCREW 1/4×40 螺钉	2
C7-X67-1	SCREW 3/32×56 螺釘	6
C7-X92	SCREW 9/64×40 螺釘	1
C7-X95	SCREW 9/64×40 螺釘	1
C7-X95	NUT 9/64×40 螺母	2
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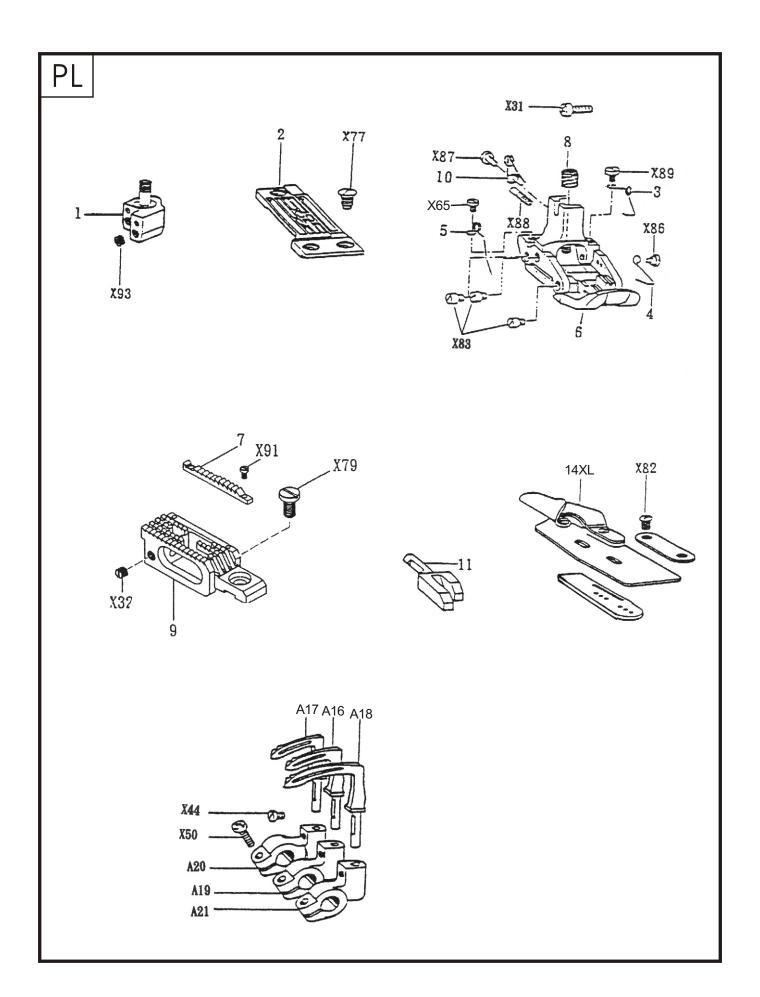
### LOWER SHAFT MECHANISM-GAUGE PARTS

REF. NO.部件編號 NAME OF PARTS 說明 C8-C1 LOVER SHAFT 下主軸 C8-02 BEARING 6200 Z 軸承 C8-03 BEARING 6201 Z 軸承 C8-04 BALL BEARING BUSHING 內套筒	Amt req需求量
C8-C1       LOVER SHAFT 下主軸         C8-02       BEARING 6200 Z 軸承         C8-03       BEARING 6201 Z 軸承         C8-04       BALL BEARING BUSHING 內套筒	AIIILIEU需水里
C8-02       BEARING 6200 Z 軸承         C8-03       BEARING 6201 Z 軸承         C8-04       BALL BEARING BUSHING 內套筒	1
C8-03 BEARING 6201 Z 軸承 C8-04 BALL BEARING BUSHING 內套筒	+ 1
C8-04 BALL BEARING BUSHING 內套筒	1 1
I U8-U4   BALL BEAKING BUSHING 内套筒	+ T
DEADING GAGE TOWN AT A SECTION	<u> </u>
C8-05 BEARING CASE ASSEMBLY 軸套筒(下)	1
C8-06 BEARING FIXING BUSHING 緊壓套筒	1
C8-07 NEEDLE CLAMP WITH SCREW 針夾	1
C8-08 NEEDLE PLATE 針板	1
C8-09 PRESSER FOOT ASSEMBLY 壓腳組	+ 1
CO-09 FRESSER FOUT ASSEMBLI 壓腳和	1
C8-10 FEED DOG 送布齒	1 1
C8-C10-11 NEEDLE GUARD 針受	1
C8-11 BEARING 6302 軸承	1
C8-14H LAPPER ASSEMBLY 導布架喇叭	1
C8-15 SPRING 彈簧	1
C8-18 LOOPER LONG 彎針(長)	1 1
CO-10 LOUFER LOND 胃紅(及)	1
C8-A19 LOOPER HOLDER (SHORT) 彎針台(短)	1 1
C8-A20 LOOPER HOLDER (MIDDLE) 彎針(中)	1 1
C8-A21 LOOPER HOLDER (LONG) 彎針台(長)	1
C8-102 BEARING FIXING SCREW 外牙螺母	1
C8-L1 LOOPER SHORT 彎針(短)	<del>  i</del>
C8-L2 LOOPER MEDIUM 彎針(中)	1 1
OO-LZ LOUT LIN MILDIUM 賞貞(中)	1 1
C8-X3 SCREW 5/16×28 螺釘	1
C8-X31 SCREW 9/64×40 螺釘	1
C8-X32 SCREW 11/64×40 螺釘	3
C8-X44 SCREW 9/64×40 螺釘	3
C8-X50 SCREW 9/64×40 L10 螺釘	3
C8-X74-1 SCREW1/4×28 螺釘	1
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C8-X77 SCREW 11/64×40 螺釘	3
C8-X79 SCREW 3/16×32 螺釘	1
C8-X81 SCREW 9/64×40 螺釘	1
C8-X82 SCREW 9/64×40 螺釘	2
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# GAUGE PARTS(SP) SP

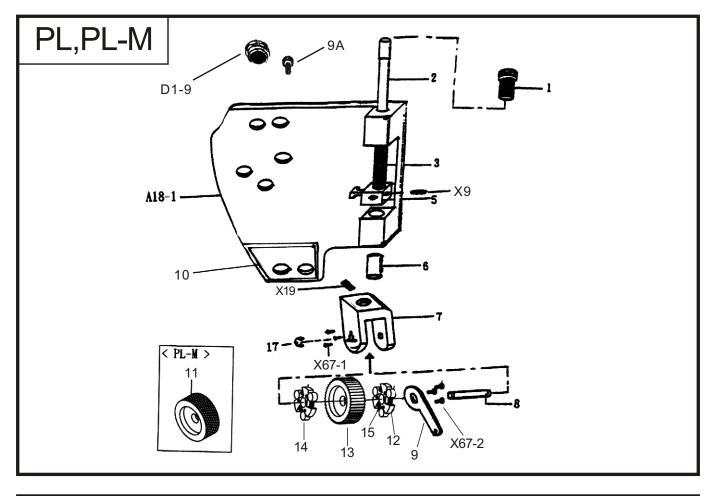
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REF. NO.部件編號	NAME OF PARTS 說明	Amt req	需求量
C9-01	NEEDLE CLAMP ASSEMBLY 針夾	1	
C9-02	NEEDLE PLATE 針板	1	
C9-03	PRESSER FOOT ASSEMBLY 壓腳頭	1	
C9-05	PRESSER FOOT (F) SPRING 彈簧	1	
C9-06	PRESSER FOOT ASSEMBLY 壓腳底	1	
C9-07	SUB FEED DOG 導布齒	1	
C9-09	FEED DOG 送布齒	1	
C9-11	NEEDLE GUARD 針受	1	
C9-14XL	LAPPER ASSEMBLY 導布架喇叭	1	
C9-15	NEEDLE GUARD BRACKET 針受連結	1	
C9-A16	LOOPER (SHORT) 彎針(短)	1	
C9-A17	LOOPER (MIDDLE) 彎針(中)	1	
C9-A18	LOOPER (LONG) 彎針(長)	1	
C9-A19	LOOPER HOLDER (SHORT) 彎針台(短)	1	
C9-A20	LOOPER HOLDER (MIDDLE) 彎針台(中)	1	
C9-A21	LOOPER HOLDER (LONG) 彎針台(長)	1	
C9-X9	SCREW 15/64×28 螺釘	1	
C9-X44	SCREW 9/64×40 螺釘	1	
C9-X50	SCREW 9/64×40 螺釘	4	
C9-X77	SCREW 11/64×40 螺釘	3	
C9-X79	SCREW 3/16×32 螺釘	1	
C9-X79	SCREW 9/64×40 螺釘	1	
C9-X83	STUD SCREW 螺釘鎖	2	
C9-X86	SCREW 3/32×56 合葉螺釘	1	
C9-X91	SCREW 5/64×60 螺釘	2	
C9-X93	SCREW1/8×44 螺釘	3	
C9-Y05	NUT 9/64×40 螺釘	1	
C9-D8-13K	SCREW 9/64×40 螺釘	1	
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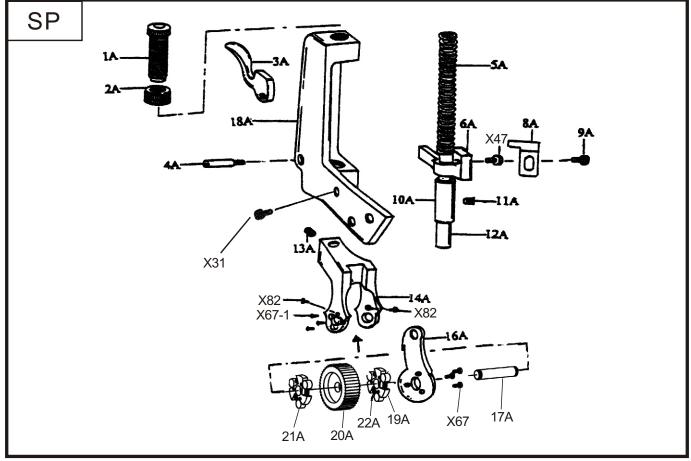


C10~21~

# GAUGE PARTS (DP) DP

GAUGE PAR		
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C10-01	NEEDLE CLAMP ASSEMBLY 針夾	1
C10-02	NEEDLE PLATE 針板	1
C10-03	SPRING M 彈簧	1
C10-04	SPRING F 彈簧	1
C10-05	SPRING BL 彈簧	1
C10-06	PRESSER FOOT ASSEMBLY 前壓腳底	1
C10-07	SUB FEED DOG 導布齒	1
C10-08H	NUT 1/8×44 螺母	1
C10-09	FEED DOG 送布齒	1
C10-10	SPRING BS 彈簧	1
C10-11	NEEDLE GUARD 針受	1
C10-14XL	LAPPER ASSEMBLY 導布架喇叭	1
C10-A16	LOOPER (SHORT) 彎針(短)	1
C10-A17	LOOPER (MIDDLE) 彎針(中)	1
C10-A18	LOOPER (LONG) 彎針(長)	1
C10-A19	LOOPER HOLDER (SHORT) 彎針台(短)	1
C10-A20	LOOPER HOLDER (MIDDLE) 彎針台(中)	1
C10-A21	LOOPER HOLDER (LONG) 彎針台(長)	1
C10-X31	SCREW 9/64×40 螺釘	1
C10-X32	SCREW 11/64×40 螺釘	1
C10-X32	SCREW 9/64×40 螺釘	3
C10-X44 C10-X50	SCREW 9/64×40 螺釘	3
C10-X65	SCREW 3/32×56 螺釘	1
C10-X03	SCREW 11/64×40 螺釘	3
C10-X77	SCREW 3/16×32 螺釘	1
C10-X79	SCREW 9/64×40 螺釘	1
C10-X82	STUD SCREW 螺釘銷	3
C10-X86	SCREW 3/32×56 螺釘	1
C10-X87	SCREW 1/8×44 L5 螺釘	1
C10-X87	SCREW 1/8×44 螺釘	1
C10-X89	SCREW 3/32×56 螺釘	1
C10-X69 C10-X91	SCREW 5/64×56 螺釘	2
C10-X91	SCREW 1/8×44 螺釘	3
0.10-799	OUNCETT INON TT IXXII	3

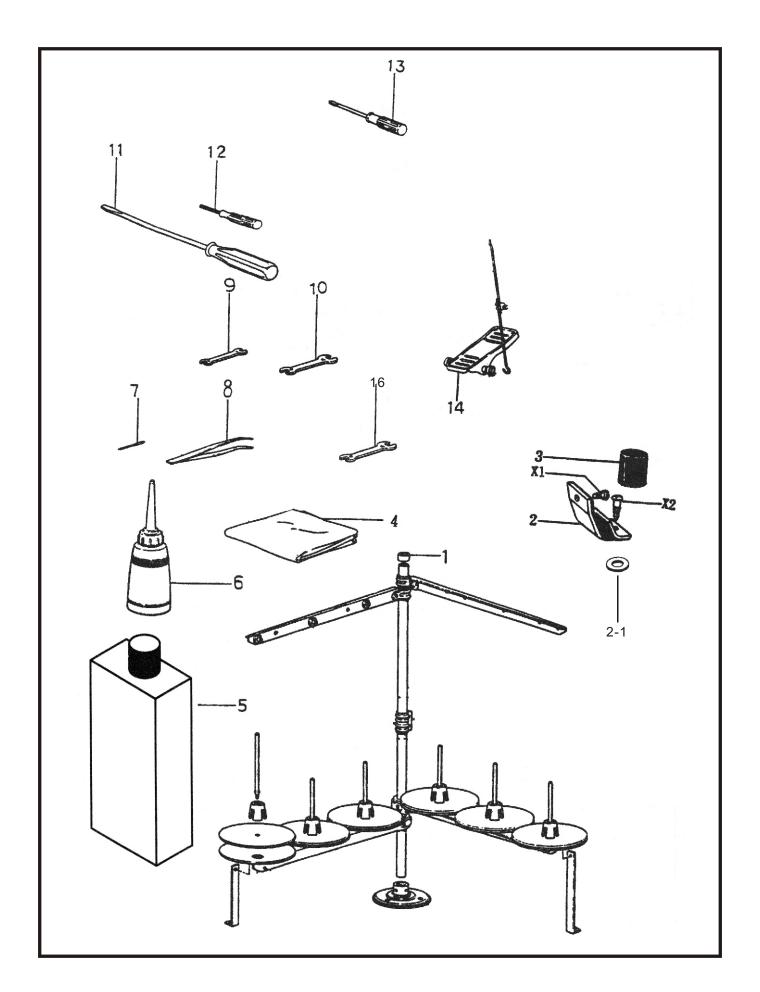




C11~23~

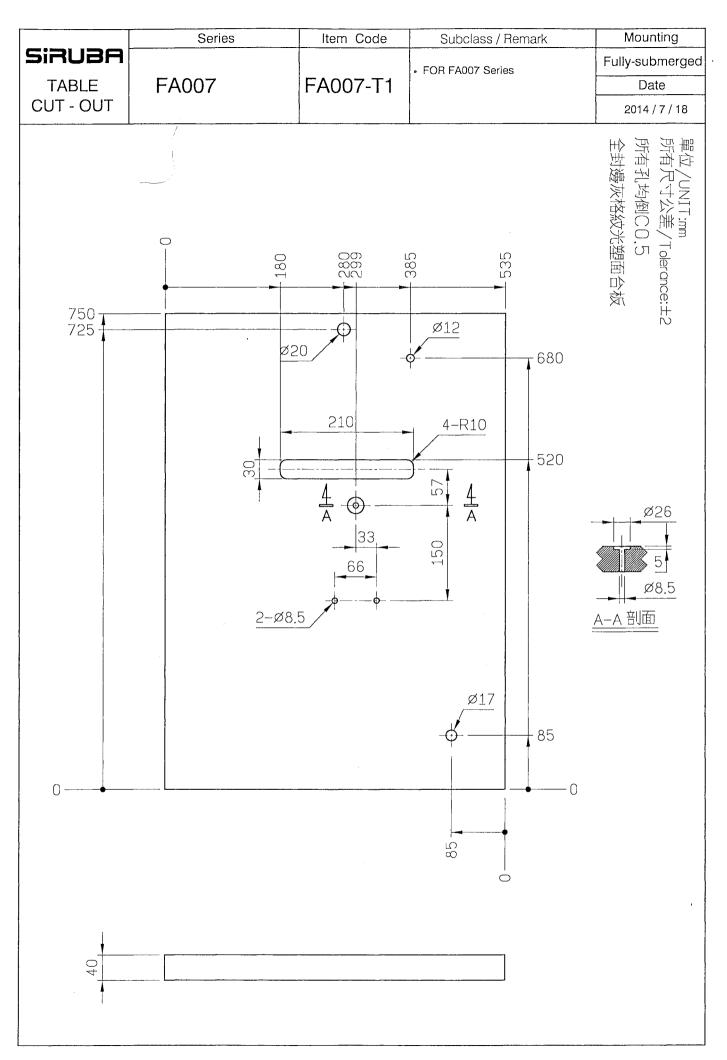
## PULLER DEVICE MECHANISM DP - SP

F OLLLIN DLV	ICE MECHANISM DF , SF	
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C11-01	PRESSURE ADJUSTING SCREW 外牙螺母	1
C11-02	UPPER WHEEL PRESSER BAR 立軸	1
C11-03	SPRING 張力彈簧	1
C11-05	WHEEL DIRECTION FIXING DEVICE 拉布輪壓力提柄	<u> </u>
C11-06	FRESSER ROD BUSHING 軸套	1 1
C11-00	UPPER WHEEL SEAT 拉布輪架	1 1
C11-07	UPPER WHEEL CONNECTON 固定軸	1
C11-08	ONE WAY PULL HOLDER 拉柄	1 1
		1
C11-10	PACKING 防油墊片	1 1
C11-11	LOWER WHEEL 拉布輪	1
C11-12	ONE WAY TRIANGULAR WHEEL 單向三角軸片	2
C11-13	UPPER WHEEL 拉布輪	1
C11-14	ONE WAY STILL BALL 單向滾珠	6
C11-15	ONE WAY STILL SPRING 單向彈簧	6
C11-17	CHOCK RING E型扣環	1
C11-A18-1	FACE PLATE (UPPER) DP上前蓋座	1
C11-D1-9	RUBBER PLUG 橡膠塞	4
C11-X09	SCREW 15/64×28 螺釘	1
C11-X19	SCREW 螺釘	2
C11-X13	SCREW 9/64×40 螺釘	1
C11-X31	PRESSER FOOT LIFTER 螺钉	1 1
		1 4
C11-X47	SCREW 螺釘	1 7
C11-X67	SCREW 3/32×56 螺釘	3
C11-X67-1	SCREW 3/32×56 螺釘	6
C11-X67-2	SCREW 3/32×56 螺釘	3
C11-X82	SCREW 9/64×40 螺釘	3
C11-01A	PRESSURE ADJUSTING SCREEW 外牙螺母	2
C11-02A	NUT 螺母	1
C11-03A	PRESSER FOOT LIFTER 手提柄	1
C11-04A	STUD SCREW 固定銷	1 1
C11-05A	SPRING 張力彈簧	1 1
C11-06A	PRESSER BAR GUIDE ASSEMBLY 拉布輪壓力提柄	1 1
C11-00A	ROLLER PRESSER BAR LIFTER 舌片	1 1
C11-09A	SCREW PRESSER ROD BUSHING 螺釘	5
C11-09A C11-10A	PRESSER ROD BUSHING 軸套	1
C11-10A C11-12A	UPPER WHEEL PRESSER BAR 立軸	1 1
	UFFER WHEEL FREGGER DAK 小脚	1 1
C11-14A	PULLER SUPPORTER ASSEMBLY 拉布輪架	1 1
C11-16A	ONE WAY PULL HOLDER 拉柄	1 1
C11-17A	UPPER WHEEL CONNECTON 固定軸	1 1
C11-18A	FACE PLATE 拉布輪基座	1
C11-19A	ONE WAY TRIANGULAR WHEEL 單向三角軸片	2
C11-20A	UPPER WHEEL 拉布輪	1
C11-21A	ONE WAY STILL BALL 單向滾珠	6
C11-22A	ONE WAY STILL SPRING 單向彈簧	6
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## **ACCESSORIES**

REF. NO. 部件編號	C12-01       THREAD STAND 六葉線架       1         C12-02       CUSHION ASSEMBLY 固定座       2         C12-2-1       WASHER 墊圈       2         C12-03       BASE CUSHION 橡膠墊塊       2         C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針       2	C12-01	1 2 2	求量
C12-01 THREAD STAND 六葉線架         C12-02 CUSHION ASSEMBLY 固定座         C12-2-1 WASHER 墊圏         C12-03 BASE CUSHION 橡膠墊塊         C12-04 HEAD COVER 防塵套         C12-05 OIL TANK 大油壺         C12-06 OILER ASSEMBLY 小油瓶         C12-07 NEEDLE 針         C12-08 TWEEZERS 線夾         C12-09 SPANNER 固定板手(#7)         C12-10 SPANNER 固定板手(#8)         C12-11 SCREW DRIVER 大起子         C12-12 SCREW DRIVER 小起子         C12-13 SCREW DRIVER 小起子         C12-14 THREADLE 腳踏板         C12-16 SPANNER 固定板手(#10)         C12-X1 SCREW1/4×28 螺針	C12-01       THREAD STAND 六葉線架       1         C12-02       CUSHION ASSEMBLY 固定座       2         C12-2-1       WASHER 墊圈       2         C12-03       BASE CUSHION 橡膠墊塊       2         C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針       2	C12-01	1 2 2	小旦
C12-02       CUSHION ASSEMBLY 固定座       2         C12-2-1       WASHER 墊圏       2         C12-03       BASE CUSHION 橡膠墊塊       2         C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OIL TANK 大油壺       1         C12-08       TWEEZERS 線夾       1         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW INVEX 中級       2         C12-16	C12-02       CUSHION ASSEMBLY 固定座       2         C12-01       WASHER 墊圈       2         C12-03       BASE CUSHION 橡膠墊塊       2         C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OIL FANK 大油瓶       1         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針	C12-02	2	
C12-2-1       WASHER 塾圏       2         C12-03       BASE CUSHION 橡膠墊塊       2         C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-11       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 小起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針	C12-2-1       WASHER 塾圏       2         C12-03       BASE CUSHION 橡膠墊塊       2         C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 大起子       1         C12-13       SCREW DRIVER 中起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針       2	C12-2-1   WASHER 塾圏	2	
C12-03       BASE CUSHION 橡膠墊塊       2         C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針       2	C12-03       BASE CUSHION 橡膠墊塊       2         C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 大起子       1         C12-13       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-03   BASE CUSHION 橡膠墊塊		
C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針       2	C12-04       HEAD COVER 防塵套       1         C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針       2	C12-04	2	
C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺針       2	C12-05       OIL TANK 大油壺       1         C12-06       OILER ASSEMBLY 小油瓶       1         C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 大起子       1         C12-13       SCREW DRIVER 小起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-05       OIL TANK 大油壺         C12-06       OILER ASSEMBLY 小油瓶         C12-07       NEEDLE 針         C12-08       TWEEZERS 線夾         C12-09       SPANNER 固定板手(#7)         C12-10       SPANNER 固定板手(#8)         C12-11       SCREW DRIVER 大起子         C12-12       SCREW DRIVER 小起子         C12-13       SCREW DRIVER 中起子         C12-14       THREADLE 腳踏板         C12-14       THREADLE 腳踏板         C12-14       SPANNER 固定板手(#10)         C12-X1       SCREW1/4×28 螺釘		
C12-07 NEEDLE 針       5         C12-08 TWEEZERS 線夾       1         C12-09 SPANNER 固定板手(#7)       1         C12-10 SPANNER 固定板手(#8)       1         C12-11 SCREW DRIVER 大起子       1         C12-12 SCREW DRIVER 小起子       1         C12-13 SCREW DRIVER 中起子       1         C12-14 THREADLE 腳踏板       2         C12-16 SPANNER 固定板手(#10)       1         C12-X1 SCREW1/4×28 螺針       2	C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-07   NEEDLE 針		
C12-07 NEEDLE 針       5         C12-08 TWEEZERS 線夾       1         C12-09 SPANNER 固定板手(#7)       1         C12-10 SPANNER 固定板手(#8)       1         C12-11 SCREW DRIVER 大起子       1         C12-12 SCREW DRIVER 小起子       1         C12-13 SCREW DRIVER 中起子       1         C12-14 THREADLE 腳踏板       2         C12-16 SPANNER 固定板手(#10)       1         C12-X1 SCREW1/4×28 螺針       2	C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-07   NEEDLE 針	1	
C12-07 NEEDLE 針       5         C12-08 TWEEZERS 線夾       1         C12-09 SPANNER 固定板手(#7)       1         C12-10 SPANNER 固定板手(#8)       1         C12-11 SCREW DRIVER 大起子       1         C12-12 SCREW DRIVER 小起子       1         C12-13 SCREW DRIVER 中起子       1         C12-14 THREADLE 腳踏板       2         C12-16 SPANNER 固定板手(#10)       1         C12-X1 SCREW1/4×28 螺針       2	C12-07       NEEDLE 針       5         C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-07   NEEDLE 針	1	
C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-08       TWEEZERS 線夾       1         C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-08         TWEEZERS 線夾           C12-09         SPANNER 固定板手(#7)           C12-10         SPANNER 固定板手(#8)           C12-11         SCREW DRIVER 大起子           C12-12         SCREW DRIVER 小起子           C12-13         SCREW DRIVER 中起子           C12-14         THREADLE 腳踏板           C12-16         SPANNER 固定板手(#10)           C12-X1         SCREW1/4×28 螺釘	5	
C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-09       SPANNER 固定板手(#7)       1         C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-09       SPANNER 固定板手(#7)         C12-10       SPANNER 固定板手(#8)         C12-11       SCREW DRIVER 大起子         C12-12       SCREW DRIVER 小起子         C12-13       SCREW DRIVER 中起子         C12-14       THREADLE 腳踏板         C12-16       SPANNER 固定板手(#10)         C12-X1       SCREW1/4×28 螺釘		
C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-10       SPANNER 固定板手(#8)       1         C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-10       SPANNER 固定板手(#8)         C12-11       SCREW DRIVER 大起子         C12-12       SCREW DRIVER 小起子         C12-13       SCREW DRIVER 中起子         C12-14       THREADLE 腳踏板         C12-16       SPANNER 固定板手(#10)         C12-X1       SCREW1/4×28 螺釘		
C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-11       SCREW DRIVER 大起子       1         C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-11       SCREW DRIVER 大起子         C12-12       SCREW DRIVER 小起子         C12-13       SCREW DRIVER 中起子         C12-14       THREADLE 腳踏板         C12-16       SPANNER 固定板手(#10)         C12-X1       SCREW1/4×28 螺釘		
C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-12       SCREW DRIVER 小起子       1         C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-12       SCREW DRIVER 小起子         C12-13       SCREW DRIVER 中起子         C12-14       THREADLE 腳踏板         C12-16       SPANNER 固定板手(#10)         C12-X1       SCREW1/4×28 螺釘		
C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-13       SCREW DRIVER 中起子       1         C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-13       SCREW DRIVER 中起子         C12-14       THREADLE 腳踏板         C12-16       SPANNER 固定板手(#10)         C12-X1       SCREW1/4×28 螺釘		
C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-14       THREADLE 腳踏板         C12-16       SPANNER 固定板手(#10)         C12-X1       SCREW1/4×28 螺釘	<u> 1</u>	
C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-14       THREADLE 腳踏板       2         C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-14       THREADLE 腳踏板         C12-16       SPANNER 固定板手(#10)         C12-X1       SCREW1/4×28 螺釘		
C12-16     SPANNER 固定板手(#10)     1       C12-X1     SCREW1/4×28 螺釘     2	C12-16       SPANNER 固定板手(#10)       1         C12-X1       SCREW1/4×28 螺釘       2	C12-16 SPANNER 固定板手(#10) C12-X1 SCREW1/4×28 螺釘	2	
C12-X1 SCREW1/4×28 螺釘 2	C12-X1 SCREW1/4×28 螺釘 2	C12-X1 SCREW1/4×28 螺釘		
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