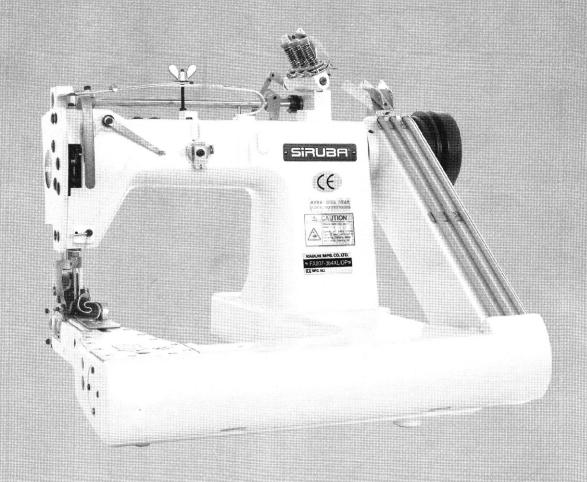


# **FA007**

# 使用說明與零件圖 INSTRUCTION AND PARTS LIST





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- ★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

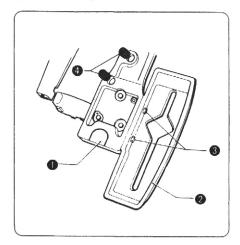
Mode I	FA007-364 M	FA007-364 XL/SP		FA007-364 M FA007-364		FA007-36	4 XL/DP
Stitch pattern	3-line parallel sewing	2-line parallel sewing	3-line parallel sewing	2-line parallel sewing	3-line parallel sewing		
Sewing speed		3,600 spm					
Stitch length	1.4~4.2mm	2~4.2mm					
No. of Needle	3	2	3	2	3		
Needle gauge	$\frac{7_{64}7_{64}(5.6\text{mm}) \cdot \frac{1}{8}\frac{1}{8}(6.4\text{mm})}{\frac{5}{32}\frac{5}{32}(8.0\text{mm}) \cdot \frac{3}{16}\frac{3}{16}(9.6\text{mm})}$	⅓16 (4.8mm) ⅓4 (6.4mm)	1/8 1/8 (6.4mm) 5/32 5/32 (8.0mm) 3/16 3/16 (9.6mm)	½ (6.4mm)	½ ½ (6.4mm) 5/32 5/32 (8.0mm)		
Needle bar stroke	33.4mm 35mm						
Minimum tube size		190mm					
Puller device	None	Equipped	Equipped	Equipped	Equipped		

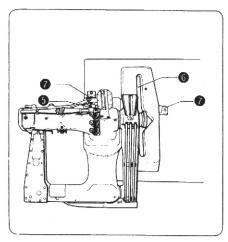
# TABLE OF STANDARD GAUGE

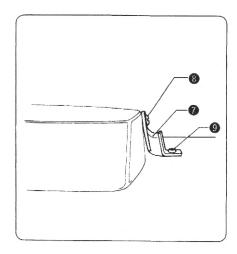
Specificat	ion	Needle gauge	Needle clamp	Needle Plate	Presser foot	Feed dog	Looper assembly	Lapper	
		7/64 7/64	7/64 7/64	7/64 7/64	7/64 7/64	1/8 1/8	7/64 7/64	7∕32 MH	
								7∕32 H	
		1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	1/8 1/8	¼ MH	
Standard		/8 /8	/8 /8	/8 /8	/8 /8	/8 /8	78 78	1∕4 H	
Specification	FA007-364 M	5/32 5/32	5/32 5/32	5/ 5/	5/32 5/32 5/32 5/32	5/32 5/32	5/32 5/32	5/32 5/32	5∕16 MH
		732 732	732 732	732 732	732 732	732 732	732 732	5∕16 H	
	3	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	
		716 716	716 716	716 716	716 716	732 732		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	1⁄4 XL	
		/8 /8	/8 /8	/8 /8	/8 /8	/8 /8	/8 /8	74 AL	
Denim	FA007-364 XL	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	
Specification /SP, DP	/SP , DP	fication /SP, DP /32	/32 /32	/32 /32	/32 /32	/32 /32	/10 /16	/34 /32	>10 VT
	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		
		710 710	710 710	710 710	, 10 , 10	/10 /10	710 710		

# INSTALLING

#### 1 Installing the Machine Head

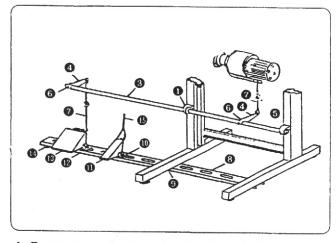


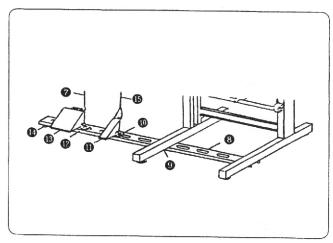




- 1. Install pulley cover base 2 on machine bed 1 with two hexagonal bolts 3.
- 2. Insert bar cushions 4 into the holes in the bottom of the bed.
- 3. Place the machine head on the table, adjust its position in forward and backward directions by aligning it with the hole for presser bar lifter chain **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.

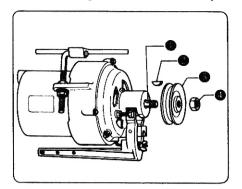
#### 2 Installing the Treadle and Chain





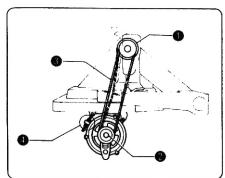
- 1. Fasten connecting lever bearing 10 to the beam in the upper part of the table legs with nut 20.
- 2. Slide connecting lever L ① onto connecting lever shaft ③, fit it to connecting lever bearing ①, and secure it with connecting lever shaft collar ⑤.
- 3. Set connecting lever L (1) in line with the clutch lever hole, and tighten it with square head bolts (6).
- 4. Hook connecting rod 7 to the clutch lever and connecting lever L 4.
- 5. Slide another connecting lever L 1 onto connecting lever shaft 3, and fix it with square head bolts 6.
- 6. Fasten treadle shaft (1) onto the lower beam across the table legs with hexagonal bolts (1).
- 7. Slide pedal stopper 10 and presser foot lifter pedal 10 onto treadle shaft 30, and fasten it with pedal stopper 10.
- 8. Slide treadle stopper (1) and treadle (3) onto treadle shaft (3), and fasten treadle stopper (1) in such a way that treadle (1) will move lightly.
- 9. Slide treadle support ® onto the end of treadle shaft ®, turn it until treadle shaft ® is parallel with the floor, and fasten it.
- 10. Hook one end of connecting rod 0 to connecting lever L 1, and hook the other end of it to treadle 1.
- 11. Hook one end of chain (6) to the presser foot lifter lever, pass the other end through the hole in presser foot lifter pedal (1), and adjust the chain length so that the pedal will be at the same height as treadle (8).

#### 3 Installing the Motor Pulley



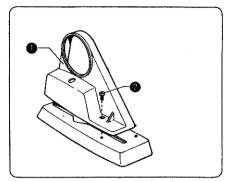
With motor shaft key way 
up, insert key into the key way, slide motor pulley onto the motor shaft, and fasten it with nut .

#### 4 Belt Tension Adjustment



Place belt ③ on machine pulley ④ and motor pulley ④, and adjust the belt tension with tension regulator ⑤ 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

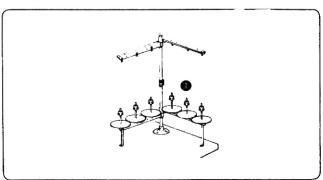
#### 2. Motor Pulley

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
SUHZ	3,600	95	M-46
60Hz	3,100	70	M-44
ounz	3,600	80	M-45

#### Spool Stand

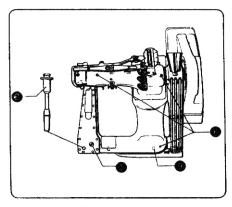
Assemble spool stand 
as shown below, and install it at the right frontal corner of the table with screws.

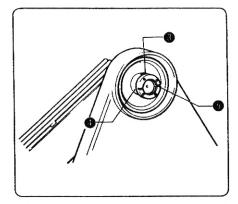


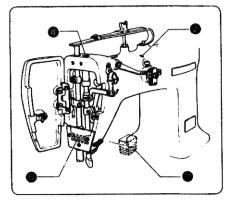
## LUBRICATION AND RUNNING IN

#### 1 Lubrication

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





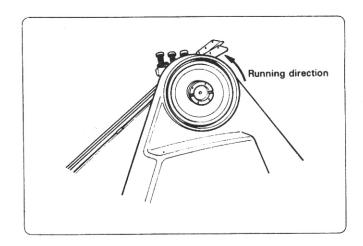


- 1. After setting up the machine, remove adjusting cover screw , and pour oil in up to the reference line on oil gauge .
- 2. Turn the pulley until oil cap is up, remove oil cap and pour oil into oil tank until it is full. If the oil in the oil tank decreases below tank center line the oil will not 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 (a), upper thread nipper tension bracket oil hole (a), and needle bar bushing oil hole (b).
- 4. Remove oil drain screw from time to time to discharge the used oil which has collected in the front bed oil sump.
- 5. Wipe arm jaw 
  and rear bed oil sump 
  from time to time to remove oil from them.

  \*Use white spindle oil.

#### 2 Running In

- 1. 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.



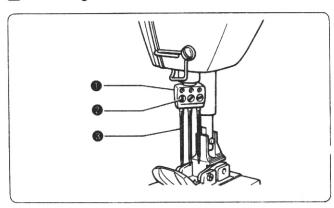
# CORRECT OPERATION

#### 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.

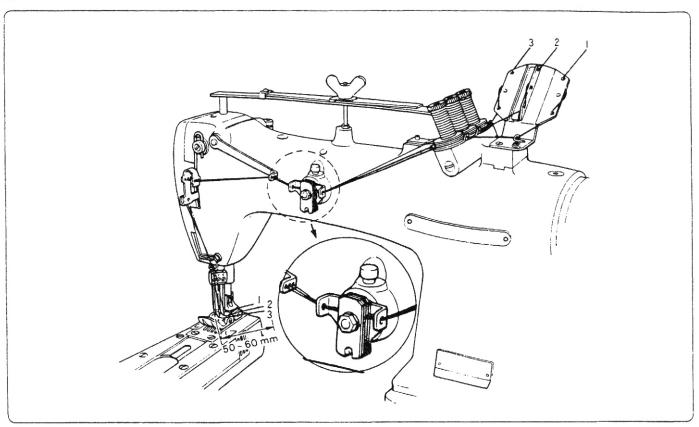
D1 41 -	Thread			
Needle	Upper thread	Lower thread		
#16	Cotton #50	Cotton #60		
#19	Cotton #30	Cotton #50		
#22	Cotton #20	Cotton #30		

#### 2 Installing the Needles

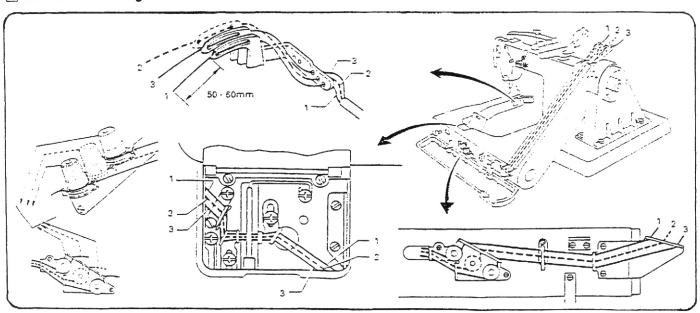


- 1. Turn the pulley until needle holder is raised to the highest position.
- Loosen needle set screws , hold needles with their long grooved side facing front, insert them into needle holder all the way, and fasten the needle with needle set screws .

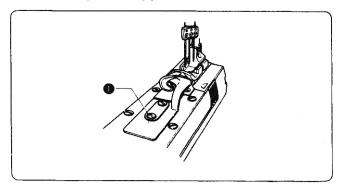
## 3 Upper Threading

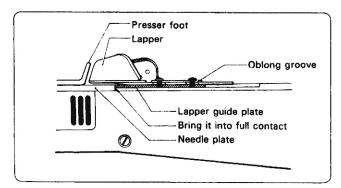


# 4 Lower Threading



#### 5 Installing the Lapper



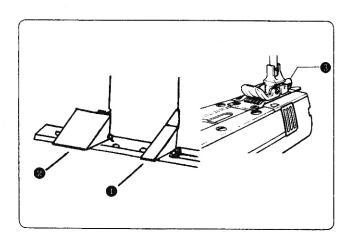


Insert the lapper guide plate into the oblong groove in the forward feed arm, and fit the lapper into place in such a way that its tip will not touch the presser foot.

★If the lapper is too hard to move, or fails to reach the correct position, loosen set screw ⑤ slightly and adjust the lapper position.

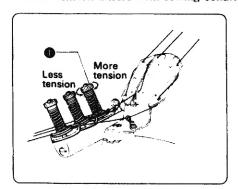
#### 6 Sewing

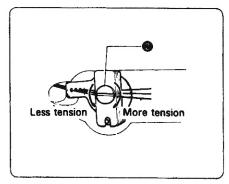
- 1. Switch the power on, step down on presser foot lifter pedal ①, place a fabric under the presser foot, and release presser foot lifter pedal ①.
- 2. Depress treadle ② to start the machine.
- 3. After sewing the work, keep sewing until it reaches thread cutter 3, and then cut the threads with thread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

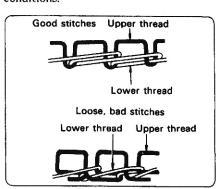


#### 7 Thread Tension

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





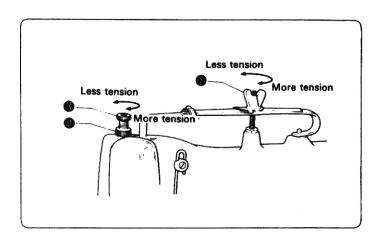


- 1. Adjust the upper thread tension properly by turning upper thread adjusting screw 1.
- 2. Adjust the lower thread tension properly by turning lower thread adjusting screw .

#### Presser Foot Pressure Adjustment

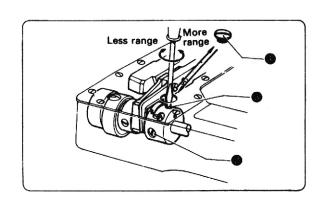
Adjust the presser foot pressure by turning wing nut 
to such a level that it is just enough to keep the work
from slipping.

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



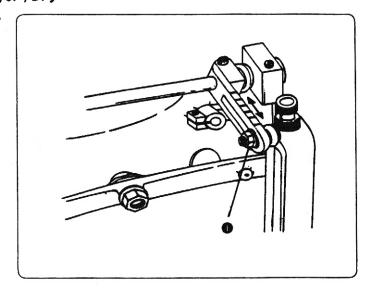
#### 9 Stitch Length Adjustment

- 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.

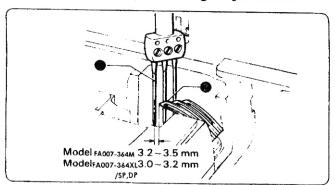


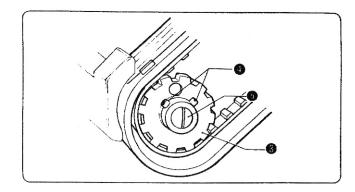
★The table below shows samples of stitches made with a highly elastic fabric and a fabric which is not so elastic. Adjust the puller feed by referring to this table.

Puller feed	Fabric with high elasticity	Fabric with low elasticity
Correct	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 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 3.2 to 3.5 mm.

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

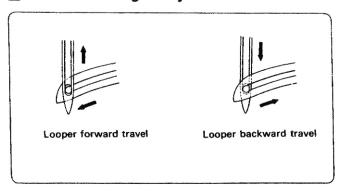
Make an adjustment so that, when needles • come down to the lowest position, loopers • will be at the end of their backward travel and that the distance between the centers of the needles and the tips of the loopers will be somewhere from 3.0 to 3.2 mm.

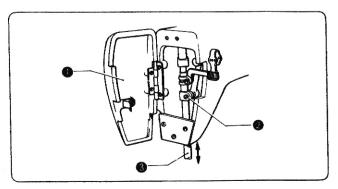
#### (Adjusting Method)

- 1. Remove the presser foot, needle plate and feed dogs.
- 2. Loosen two set screws 1 and cap screw 1 on lower belt wheel 1.
- Turn the pulley toward yourself until needles 
   oome down to the lowest position.
- 4. Turn the lower-shaft until loopers 2 reach the end of their backward travel.
- 5. Tighten cap screw 1 and two set screws 1 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



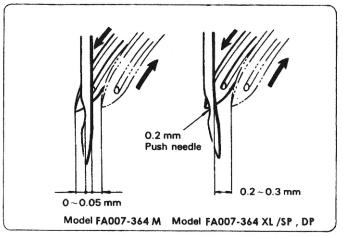


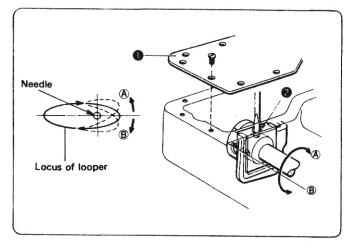
Adjust the needle bar height so that the looper thread eyes will match the needle eyes in the forward and backward travels of the loopers.

#### (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.
- 4. 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.

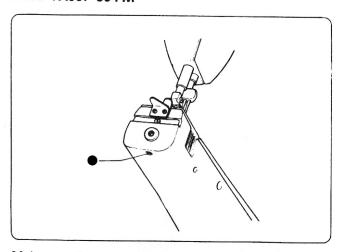
#### Model FA007-364 XL /SP , DP

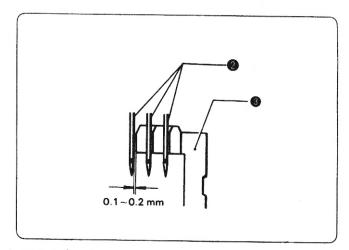
In the forward movement of the loopers, push needles by loopers by 0.2 mm. In the backward movement of the loopers, adjust that the clearance between the loopers and the needles will be 0.2 to 0.3 mm.

#### (Adjusting Method)

- 1. Remove forward feed arm cover 10, and turn the pulley toward yourself until the longitudinal eccentric wheel stop screw shows itself at adjusting hole 2.
- 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)

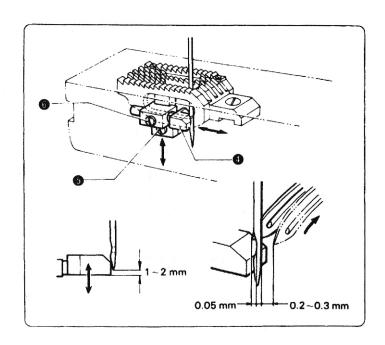
- 1. Turn the pulley toward yourself until the needles come down to the lowest position.
- Loosen stop screw from the underside of the tip of the forward feed arm.
- 3. Adjust the clearance between needles (a) and needles guard (b) to somewhere from 0.1 to 0.2 mm by moving needle guard (b)
- After the 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  $\bullet$ .

#### (Adjusting Method)

- 1. 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 1 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 3. 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

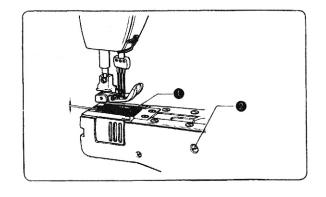
Make an adjustment so that, when feed dog • is at the highest position, the feed dog will be 0.8 mm above the top surface of the needle plate.

#### 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 .

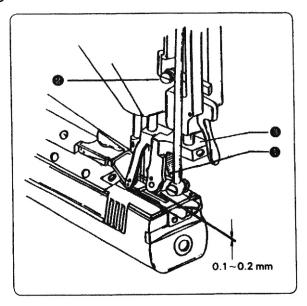


#### 6 Puller Height Adjustment (Model FA007-364 XL /SP , DP)

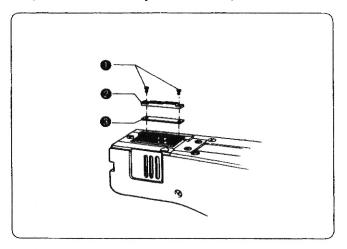
Adjust the height of puller • so that it is 0.1 to 0.2 mm high from the top of the needle plate.

#### (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)

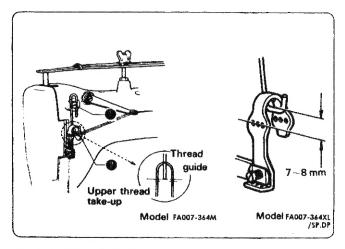


If stitch irregularities develop in sewing very heavy materials, adjust the sub-feed dog to the correct height by spacer.

#### (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.

# 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.

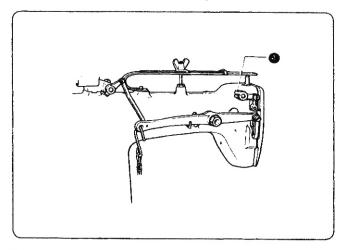
#### Model FA007-364 XL /SP , DP

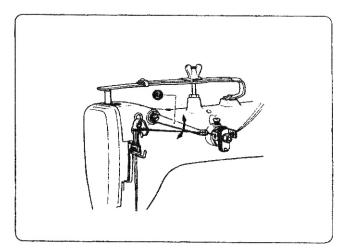
Please adjust the distance between the center of the upper thread take-up and the top of the thread guide will be  $7\sim8$  mm.

#### (Adjusting Method)

- 1. Turn the pulley toward yourself until the needle bar is down at the lowest position.
- Loosen set screw (1), and move upper thread take-up thread guide (1) 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.

#### Thread Release Lever Adjustment



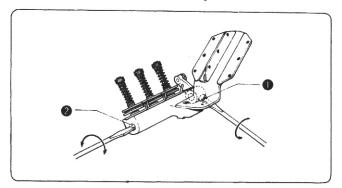


Make an adjustment so that, when the needle bar is down at the lowest position, the thread release lever thread hole meets the thread hole in upper thread tension bracket .

#### (Adjusting Method)

- 1. Turn the pulley until the needle bar is down at the lowest position.
- 2. Loosen set screw ①, and raise or lower thread release lever ② until its thread hole meets the thread hole in upper thread tension bracket ③.
- \*The higher the thread release lever, the tighter will be the stitches.

#### 10 Thread Release Shaft Adjustment

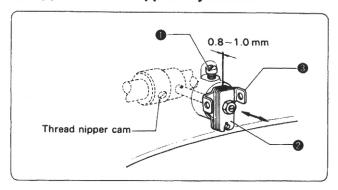


Make an adjustment so that the thread tension discs will loosen when the presser foot is raised, and tighten when the presser foot is lowered.

#### (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)

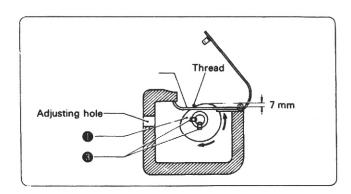
- 1. Loosen stop screw ①, and move upper thread nipper tension bracket ② in or out until the clearance between it and tension plates ③ is somewhere from 0.8 to 1.0 mm.
- \*Stitch tightness can be improved by narrowing the clearance between upper thread nipper tension bracket and the arm.

#### 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 •.

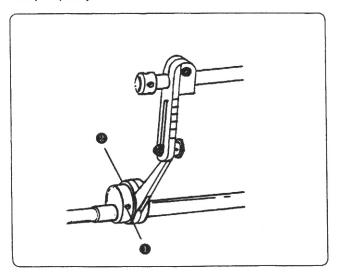
#### (Adjusting Method)

- 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.



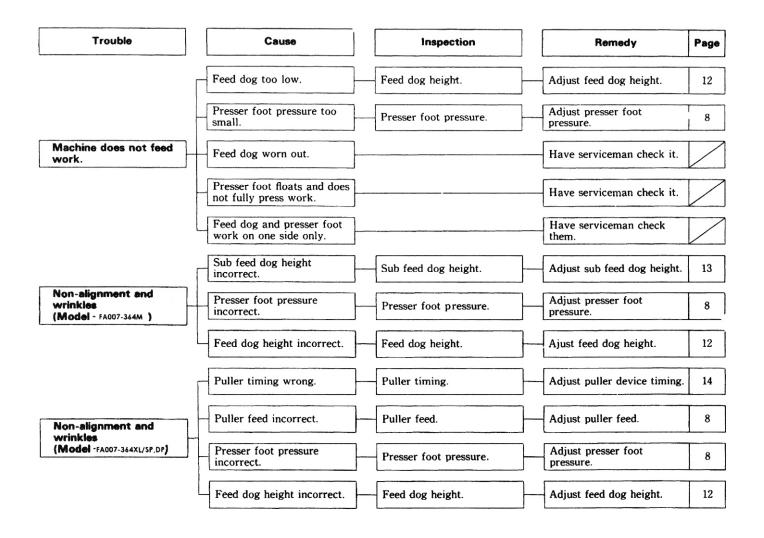
#### 13 Puller Device Timing Adjustment (Model FA007-364 XL /SP , DP)

- 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.



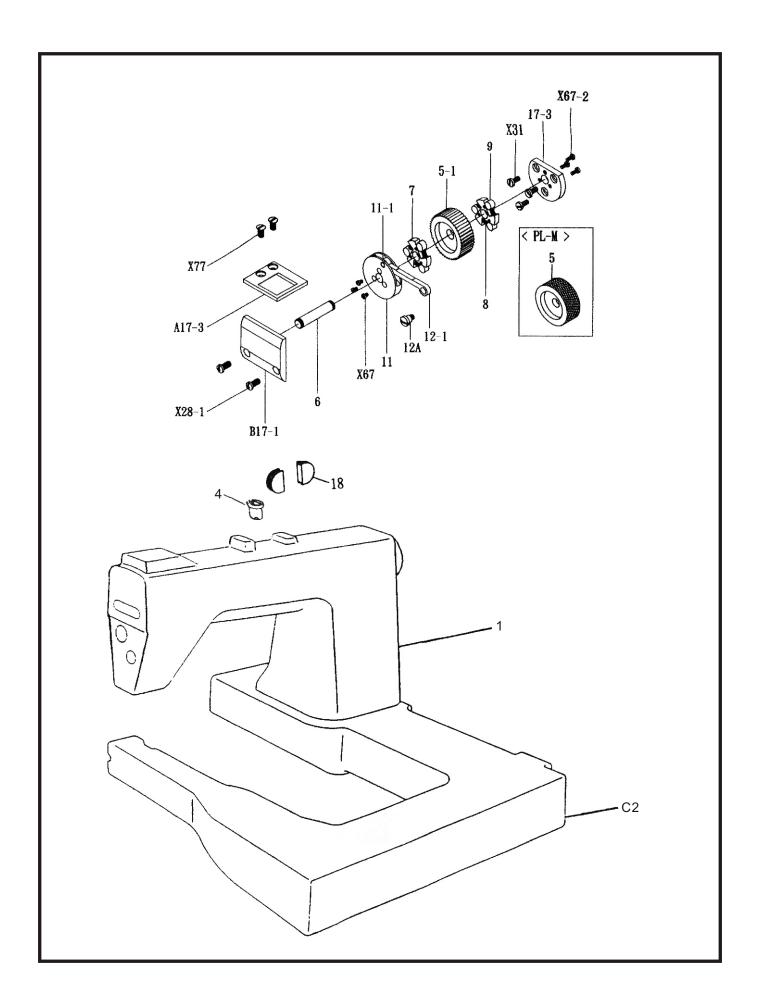
# TROUBLESHOOTING

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 installed improperly.	Direction of long groove.	Refer to instructions for needle installing.	5
Needles break.	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
	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.	13
	Upper thread nipper does not tighten upper threads.	Tension plate clearance.	Adjust upper thread nipper.	14



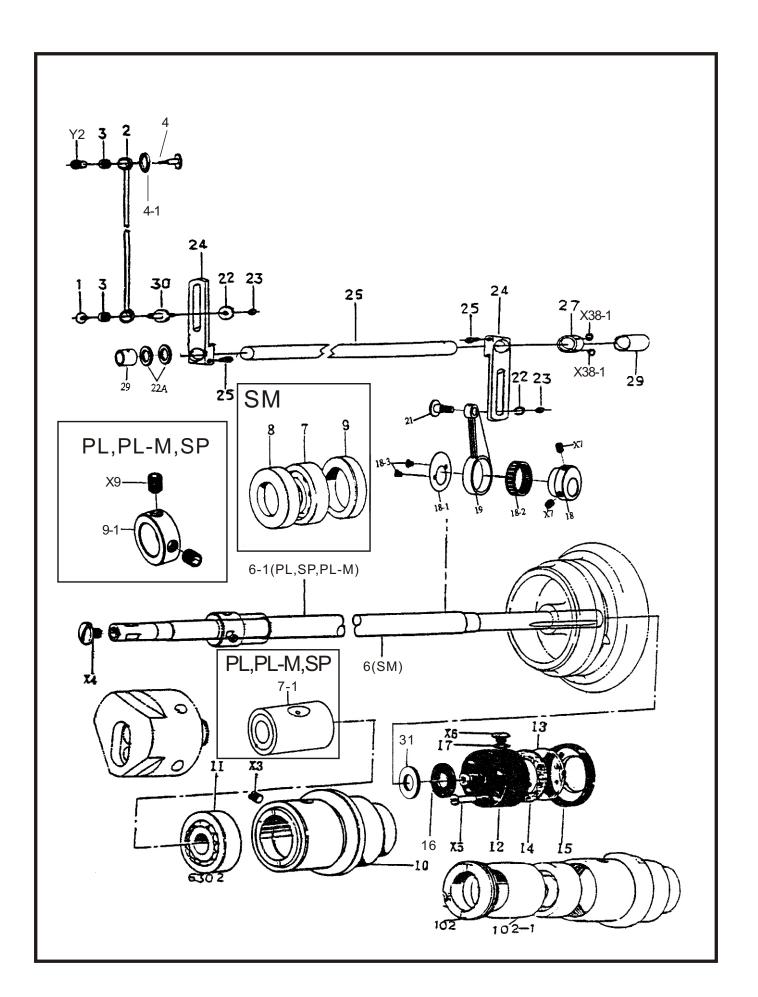
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C1-UPPER SHAFT MACHANISM3 上軸結構
C2-NEEDLE BAR MECHANISM-FEED MECHANISM5 針柱與送布傳動結構
C3-PULLY MECHANISM 皮帶傳動結構
C4- PRESSER BAR MECHANISM····································
C5-LOOPER MECHANISM ************************************
C6-UPPER THREADING MECHANISM
C7-LOWER THREADING MECHANISM 下導線張力結構
C8-LOWER SHAFT MECHANISM-GAUGE PARTS17 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········25 配件



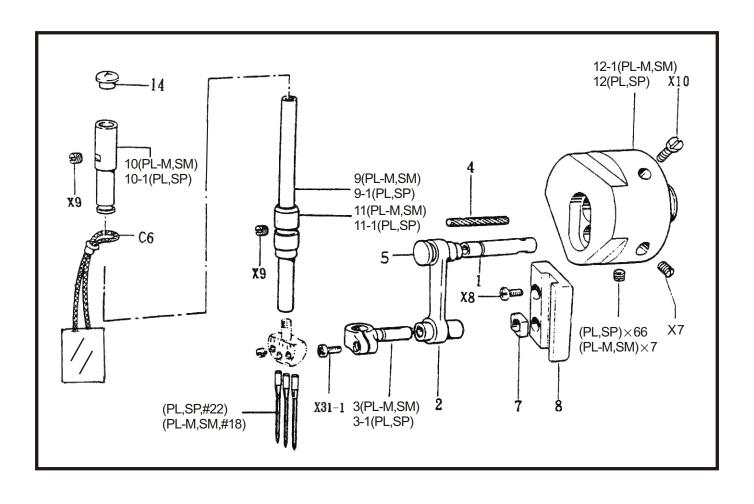
#### **MACHINE BODY**

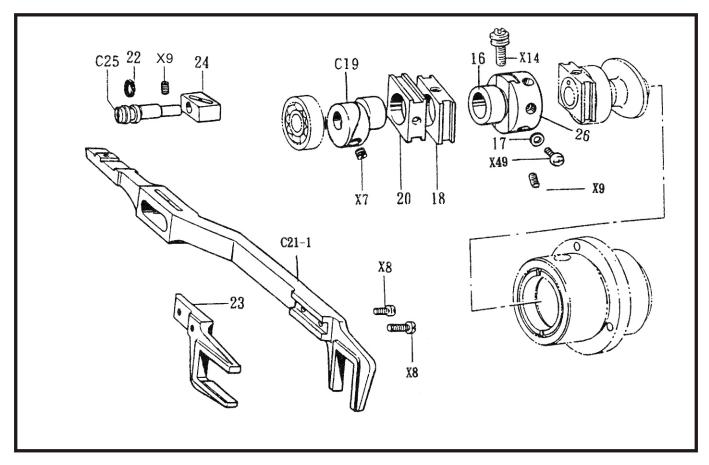
REF. NO.部件編號 NAME OF PARTS C0-01 MACHINE HEAD 機體(上) C0-C2 MACHINE REST BOARD 機體(下) C0-04 OIL PLUG 油塞 C0-05 LOWER WHEEL 拉布輪	1
C0-01 MACHINE HEAD 機體(上) C0-C2 MACHINE REST BOARD 機體(下) C0-04 OIL PLUG 油塞 C0-05 LOWER WHEEL 拉布輸	1
C0-C2 MACHINE REST BOARD 機體(下) C0-04 OIL PLUG 油塞 C0-05 LOWER WHEEL 拉布輪	
C0-04 OIL PLUG 油塞 C0-05 LOWER WHEEL 拉布輪	
C0-05   LOWER WHEEL 拉布輪	1
OO OF 4	
CO-05-1 LOWER WHEEL 拉布輪	1
CO-06 LOWER WHEEL CONNECTION 拉布輪軸	1
CO-07 ONE WAY TRIANGULAR AXLE 單向三向軸片	2
C0-08 ONE WAY STILL SPRING 單向彈簧 C0-09 ONE WAY STILL BALL 單向滾珠	6
C0-09 ONE WAY STILL BALL 單向滾珠 C0-11 ONE WAY PUSHING PLATE 單向推輪	6
C0-11-1 PIN 銷	1
C0-11-1 FEED DOG PUSHING PLATE LINK 推輪連桿	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
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



## **UPPER SHAFT MACHANISM**

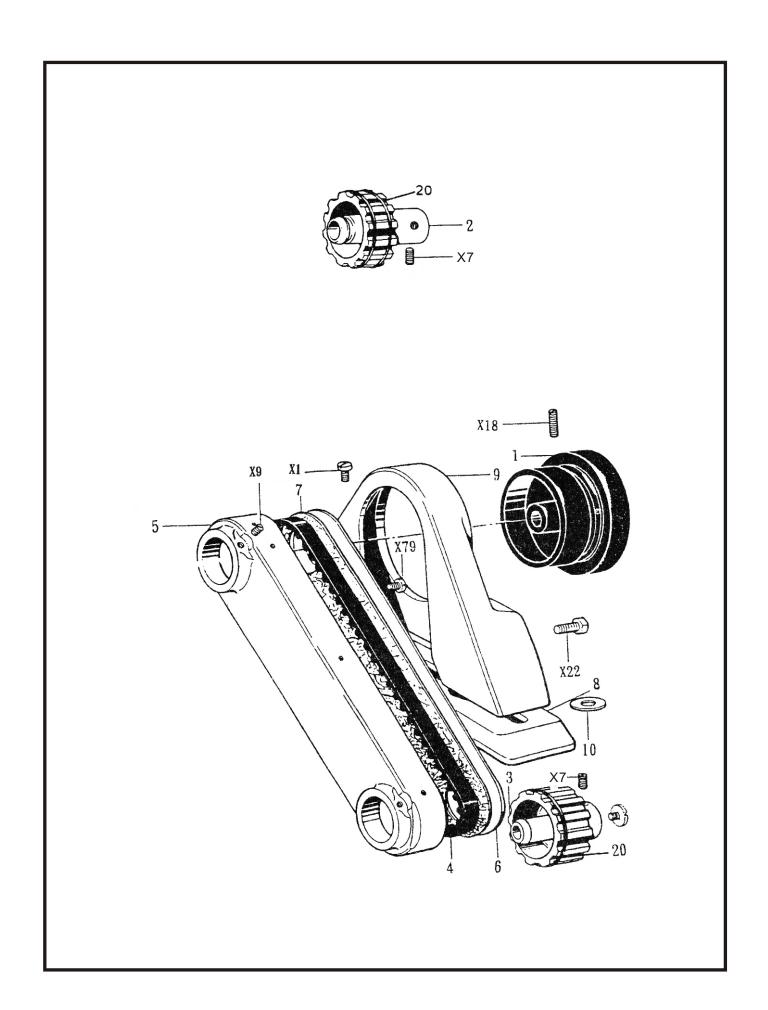
UPPER SHA	FT MACHANISM	
REF. NO.部件編號		Amt req需求量
C1-01	PULL BAR ENDING SCREW 合葉螺釘	1
C1-02	VERTICAL PULL BAR 傳動連桿	1
C1-03	PULL BAR BEARING 滾柱軸承	2
C1-04	VERTICAL PULL BAR FIXING SCREW 合葉螺釘	1 1
C1-04-1	WASER 墊圈	1
C1-Y2 C1-06	PULL BAR SCREW NUT 止動螺母 UPPER SHAFT 上主軸	I
C1-06 C1-06-1	UPPER SHAFT 上主軸	I
C1-06-1	BALL BEARING 6202 軸承	1
C1-07	BEARING SUPPORT 軸承圏	1
C1-00	OIL STOPPER 油封	1
C1-7-1	FIXING BUSHUNG 上軸套(前)	<u> </u>
C1-9-1	CHOCK RING 定位圈	1
C1-10	BEARING CASE ASSEMBLY 軸套筒	1 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	OIL TANK PACKING 止油銅墊圈	1
C1-17	PACKING 橡膠墊圈	1
C1-18	UPPER WHEEL ECCENTRIC WHEEL 偏心凸輪	1
C1-18-1	ECCENTRIC 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 1
C1-21	PULL BAR SCREW NUT 合葉螺釘 FIXING PULL BAR SCREW WASHER 止滑墊圈	1 1
C1-22	WASHER 墊圈(厚PL, PL-M, SP)(薄PL, PL-M)	2
C1-22A	WASHER   整圈(厚户L, PL-M, SP)(薄PL, PL-M)	2
C1-23 C1-24	PULL BARSCREW NOT	2
C1-24	PULL BAR FIXING PULL BAR 螺釘	2 2
C1-25	UPPER WHEEL CONNECTION   傳動軸	1
C1-20	MOVABLE LEFT-RIGHT CHOCK RING 定位圏	1 1
C1-27	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
C1-102	BEARING FIXING SCREW 外牙螺母	1
C1-102-1	BEARING FIXING BUSHING 緊壓套筒	i
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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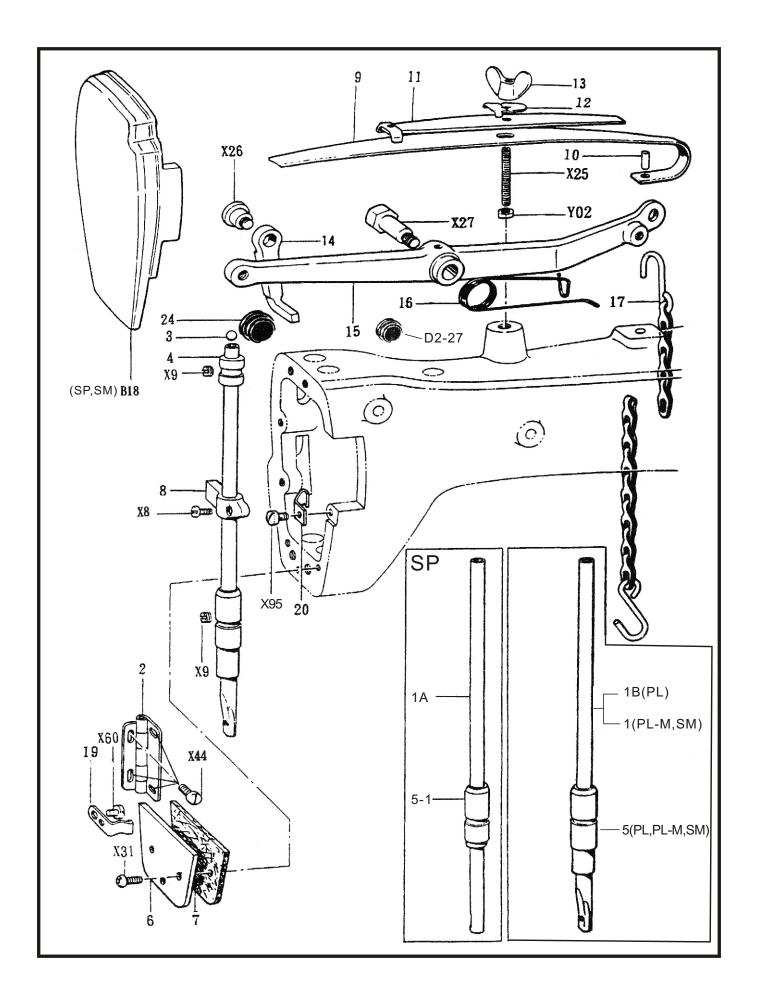
# NEEDLE BAR MECHANISM-FEED MECHANISM

	WECHANISIVI-FEED WECHANISIVI	
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
	NEEDLE BAR GUIDE SLIDE BLOCK 四方滑塊	1
C2-07		1
C2-08	NEEDLE BAR GUIDE 導軌	1 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
02-14	OIL CAP (家修鳌	1
C2-15	NEEDLE 針(PL, SP#22)(PL-M, SM#18)	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
C2-C21-1	FEED BAR SLIDE BLOCK ASSEMBLY 没布傳動曲柄	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
C2-24 C2-C25	FEED BAR ECCENTRIC SHAFT 偏心軸	1
		· ·
C2-26	FEED DOG ECCENTRIC SET 固定座	1 5
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
C2-X10	SCREW 15/64×28 螺釘	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
02 7100	TRIPS	· ·
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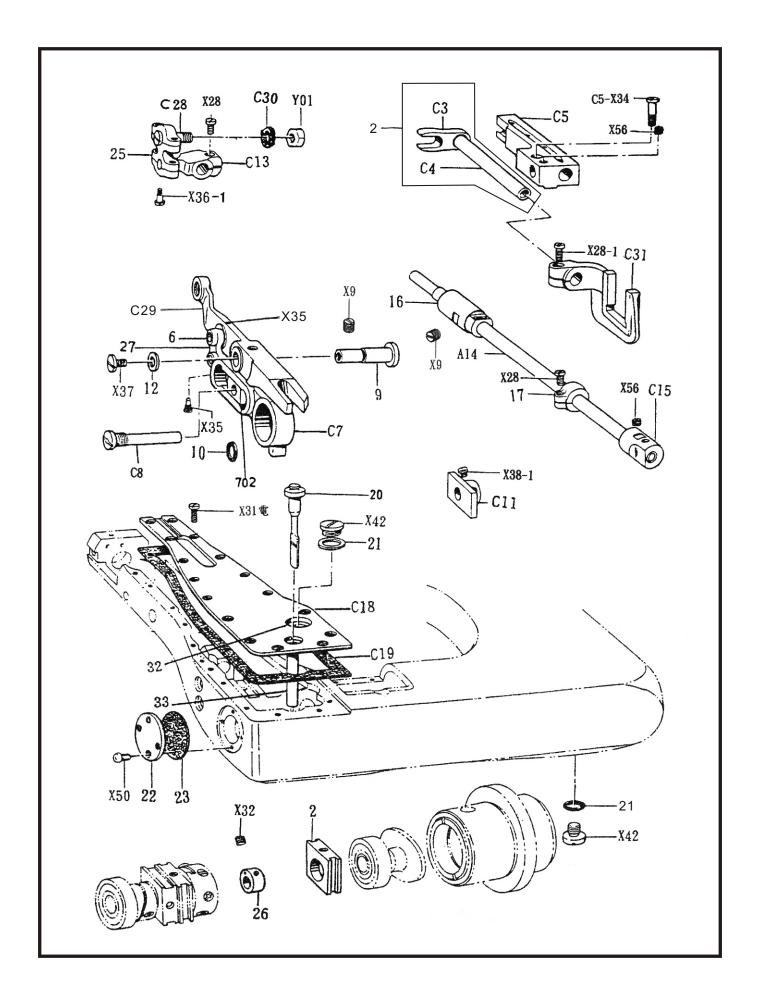
## **PULLY MECHANISM**

REF. NO. 部件補税		IANISIVI	
C3-01       PULLEY 皮帶輪       1         C3-02       TIMING BELT WHEEL ASSEMBLY (SUPPER) 同步皮帶輪(上)       1         C3-03       TIMING BELT WHEEL ASSEMBLY (LOWER) 同步皮帶輪(下)       1         C3-04       TIMING BELT 同步時規皮帶       1         C3-05       BELT COVER 皮帶座       1         C3-06       BELT COVER PLATE 皮帶座蓋板       1         C3-07       PACKING 防油墊片       1         C3-08       PULLEY COVER BASE 配重固定塊       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-X18       SCREW 7/16×14 螺釘       2         C3-X22       SCREW 7/16×14 螺釘       2	REF. NO.部件編號	NAME OF PARTS 說明	Amt reg需求是
C3-02       TIMING BELT WHEEL ASSEMBLY (SUPPER) 同步皮帶輪(上)         C3-03       TIMING BELT WHEEL ASSEMBLY (LOWER) 同步皮帶輪(下)         C3-04       TIMING BELT 同步時規皮帶         C3-05       BELT COVER 皮帶座         C3-06       BELT COVER PLATE 皮帶座蓋板         C3-07       PACKING 防油墊片         C3-08       PULLEY COVER BASE 配重固定塊         C3-09       PULLEY COVER 皮帶輪護蓋         C3-10       WASHER 墊圈         C3-10       WASHER 墊圈         C3-20       SPRING COIL O型彈圈         3         C3-X01       SCREW1/4×28 螺釘         C3-X09       SCREW1/4×28 螺釘         C3-X18       SCREW 7/16×14 螺釘         2         C3-X22       SCREW 7/16×14 螺釘	C3-01	PULLEY 皮帶輪	
C3-03       TIMING BELT WHEEL ASSEMBLY (LOWER) 同步皮帶輪(下)       1         C3-04       TIMING BELT 同步時規皮帶       1         C3-05       BELT COVER 皮帶座       1         C3-06       BELT COVER PLATE 皮帶座蓋板       1         C3-07       PACKING 防油墊片       1         C3-08       PULLEY COVER BASE 配重固定塊       1         C3-10       WASHER 墊圈       2         C3-10       WASHER 墊圈       2         C3-20       SPRING COIL O型彈圈       3         C3-X01       SCREW1/4×28 螺釘       2         C3-X07       SCREW1/4×28 螺釘       2         C3-X18       SCREW 7/16×14 螺釘         2         C3-X22       SCREW 7/16×14 螺釘	C3 03	TIMING RELT WHEEL ASSEMBLY (SLIPPER) 同华皮舞岭(上)	
C3-04       TIMING BELT 同步時規皮帶         C3-05       BELT COVER 皮帶座         C3-06       BELT COVER PLATE 皮帶座蓋板         C3-07       PACKING 防油墊片         C3-08       PULLEY COVER BASE 配重固定塊         C3-09       PULLEY COVER 皮帶輪護蓋         C3-10       WASHER 墊圈         C3-10       WASHER 墊圈         C3-20       SPRING COIL O型彈圈         C3-X01       SCREW1/4×28 螺釘         C3-X07       SCREW1/4×28 螺釘         C3-X18       SCREW 15/64×28 螺釘         C3-X22       SCREW 7/16×14 螺釘	00.02	TIMINO DELI WILLELACCEMBEI (OUI EI) EI DIRECTI	
C3-06       BELT COVER PLATE 皮帯座蓋板       1         C3-07       PACKING 防油墊片       1         C3-08       PULLEY COVER BASE 配重固定塊       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-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	<u> </u>	TIMING BELL WHEEL ASSEMBLY (LOWER) 问步及宿瞴(下)	
C3-06       BELT COVER PLATE 皮帯座蓋板       1         C3-07       PACKING 防油墊片       1         C3-08       PULLEY COVER BASE 配重固定塊       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-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	C3-04	TIMING BELLI 问步時規及帶	
C3-06       BELT COVER PLATE 皮帯座蓋板       1         C3-07       PACKING 防油墊片       1         C3-08       PULLEY COVER BASE 配重固定塊       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-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	C3-05	BELI COVER 皮帶座	
C3-07       PACKING 防油墊片       1         C3-08       PULLEY COVER BASE 配重固定塊       1         C3-09       PULLEY COVER 皮帶輸護蓋       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-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	l C3-06 l	BELT COVER PLATE 皮帶座蓋板	1
C3-08       PULLEY COVER BASE 配重固定塊       1         C3-09       PULLEY COVER 皮帶輸護蓋       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-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	C3-07	PACKING 防油執片	
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-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	03-07	THE EV COVED BASE 配套图点换	-
C3-10       WASHER 墊圈       2         C3-20       SPRING COIL O型彈圈       3         C3-X01       SCREW1/4×28 螺釘       2         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	<u> </u>	PULLET COVER BASE 配里白之塊	<u> </u>
C3-20       SPRING COIL O型彈圈       3         C3-X01       SCREW1/4×28 螺釘       2         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	C3-09	PULLEY COVER 皮帶輔護蓋	
C3-20       SPRING COIL O型彈圈       3         C3-X01       SCREW1/4×28 螺釘       2         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	C3-10	WASHER 墊圈	2
C3-X01       SCREW1/4×28 螺釘       2         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	C3-20	SPRING COIL O刑彈圈	3
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 V01	SCREW1/4 > 28 棚紅	
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	00.701	CONEW (174 / 20 域形)	
C3-X18     SCREW 15/64×28 螺釘     2       C3-X22     SCREW 7/16×14 螺釘     2	<u> </u>	SCREW 1/4×20 縣車	5
C3-X22	X3-X09	SCREW1/4×28 螺釒[	2
C3-X22	C3-X18	SCREW 15/64×28 螺釘	2
で3-X79 SCREW 3/16×32 L8 解訂 2	C3-X22	SCREW 7/16×14 螺釘	2
	C3 V70	SCREW 3/16×32 18 超红	2
	C3-X19	CONEW 3710 X 32 EG SKE	
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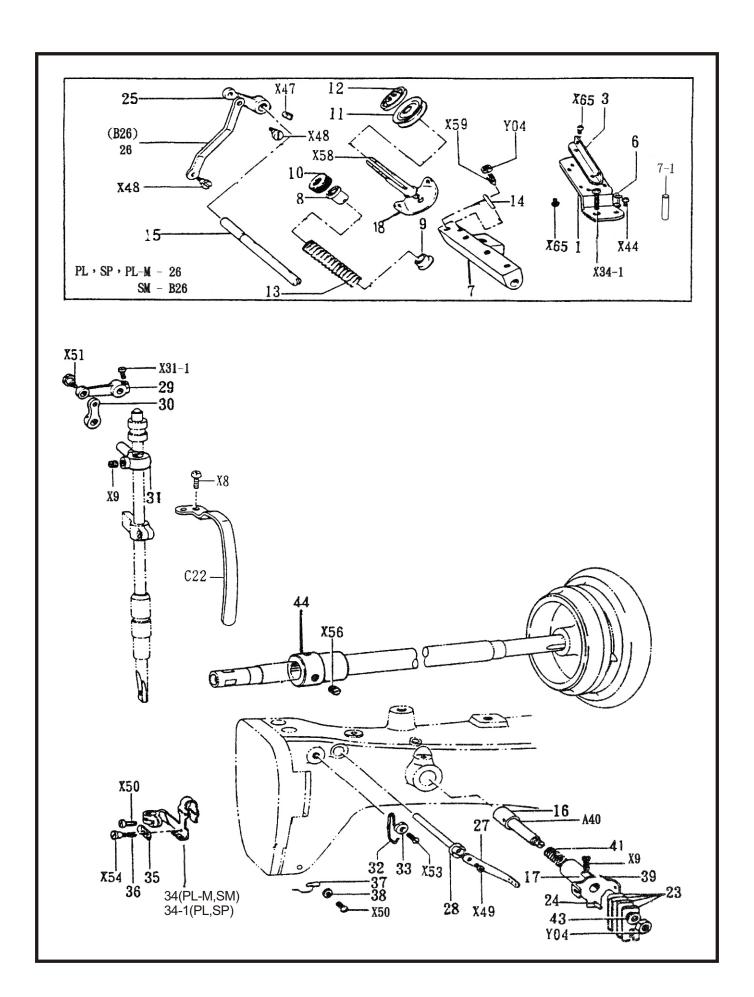
## PRESSER BAR MECHANISM

	AN IVIEGRANISIVI	T
REF. NO.部件編號	NAME OF PARTS 説明	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
C4-04	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
C4-5-1	PRESSER BAR BUSHING (LOWER) 壓腳柱軸套(下)	1 1
C4-06	FACE PLATE (LOWER) 前蓋板(下)	1
C4-07	PACKING 防油墊片	1
C4-08	PRESSER BAR CLAMP ASSEMBLY 壓腳柱夾	1 1
C4-09	PRESSER BAR CLAMP SPRING 壓力板	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
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
<u>C4-16</u>	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
C4-20	STOPPER SPRING PLATE (S) 彈片勾(內)	1 1
C4-24	OIP CAP 油塞	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
C4-X27	STUD SCREW 5/16×28 螺釘	1
C4-X31	SCREW 9/64×40 L10 螺釘	3
C4-X44	SCREW 9/64×40 螺釘	4
C4-X60	SCREW 9/64×40 螺釘	1 1
C4-X95	SCREW 9/64×40 螺釘	1 1
C4-Y02	SCREW 3/16×32 螺母	1 1
C4-D2-27	RUBBER PLUR 橡膠塞	1
		1
		1
		1
		1
		1



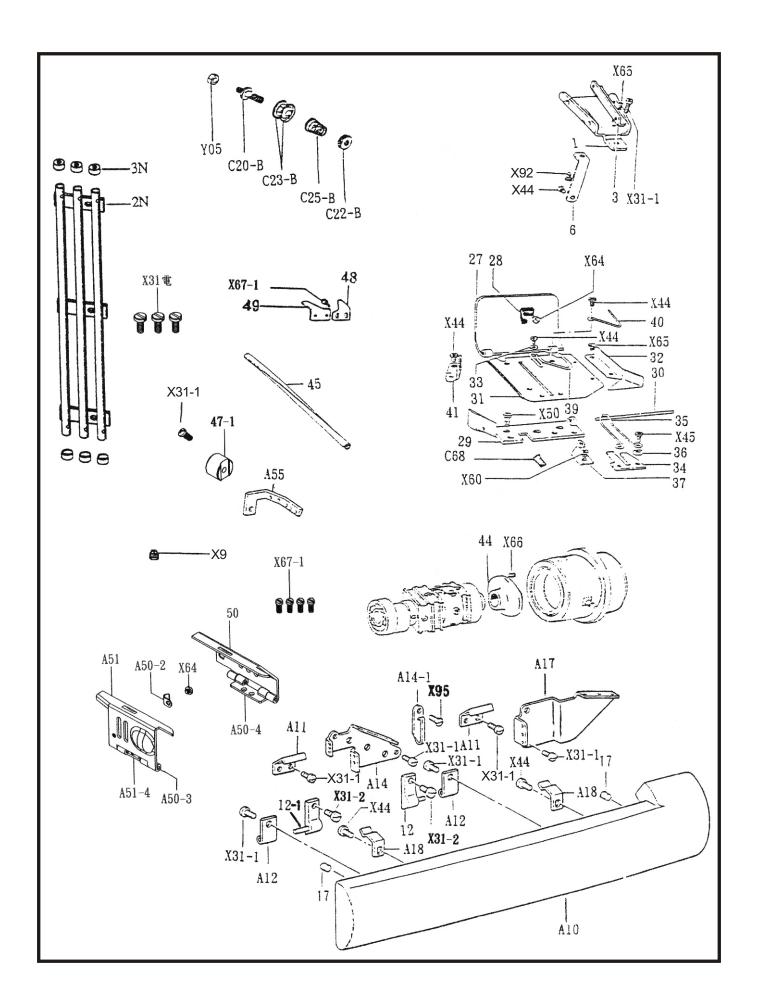
## LOOPER MECHANISM

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)	1
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
<u>C5-21</u>	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		
C5-33		
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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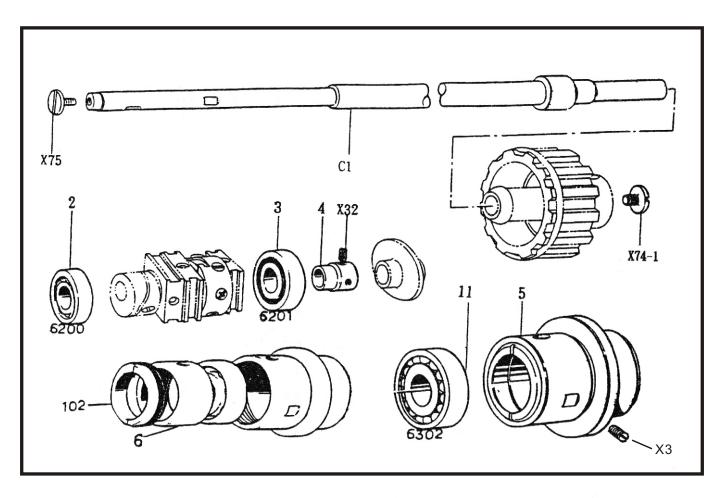
## UPPER THREADING MECHANISM

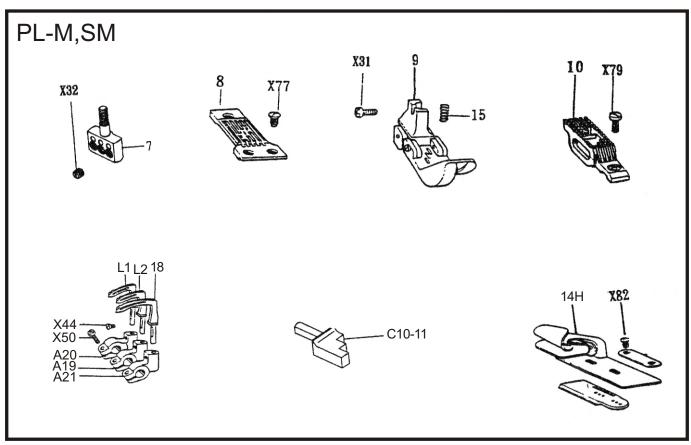
REE NO. 部に審唆 C6-01 UPPER THREAD GUIDE RETAINER 上導線座 1 1 C6-832 BRACKET 遊像件 1 1 C6-843 BRACKET 遊像件 1 1 C6-845 THREAD GUIDE RETAINER 上導線座 1 1 C6-845 THREAD GUIDE RETAINER 上導線座 1 1 C6-845 THREAD GUIDE RETAINER 上導線座 1 1 C6-845 THREAD GUIDE WASHER 押量車 3 3 C6-8-12 THRISTON SPRING WASHER 押量車 3 3 C6-8-12 THRISTON SPRING WASHER 押量車 3 3 C6-12 THRISTON DISE PRESSER 共享庫 3 3 C6-12 THRISTON DISE PRESSER 共享庫 3 3 C6-14 UPPER THREAD TENSION SPRONG 第/押票 3 1 C6-14 UPPER THREAD TENSION SUTD SCREW 海線座上 1 C6-16 THREAD RELEASE PIN 第 1 1 C6-16 THREAD RELEASE PIN 第 1 1 C6-16 THREAD TENSION SUTD SCREW 海線座上 1 C6-16 THREAD TENSION PLATE 第/平接库 1 C6-22 LOWER THREAD TENSION PLATE 第/平接库 1 C6-25 TENSION RELEASE CONNECTING GAR 上被接收座件 1 C6-25 TENSION RELEASE CONNECTING GAR 上被接收座件 1 C6-26 TENSION RELEASE CONNECTING GAR 上被接收座件 1 C6-26 TENSION RELEASE CONNECTING GAR 上被接收座件 1 C6-27 TENSION RELEASE CONNECTING FROM ## 1 C6-28 TENSION RELEASE CONNECTING FROM ## 1 C6-29 TENSION RELEASE CONNECTING	UPPER INKE	EADING MECHANISM		
C6-01 UPPER THREAD GUIDE RETAINER 上導線座	REF. NO.部件編號	NAME OF PARTS 證明	Amt rea	需求量
(C6-03 BRACKET 過程)		UPPER THREAD GUIDE RETAINER 上導線座	1	1111八十二
(C6-06 THREAD HANGER 導線圏 1 C6-07 LINE GUIDE DEVICE 側位産座 1 1 C6-07 LINE GUIDE DEVICE 側位産座 1 1 C6-08 TENSION SPRING WASHER 椰蚕製圏 3 C6-08 TENSION SPRING WASHER 椰蚕製圏 3 C6-10 NUT 螺母 3 C6-11 TENSION DISC 沙村中 3 C6-11 TENSION DISC 沙村中 3 C6-11 TENSION DISC POPUL  3 C6-12 TENSION DISC POPUL  3 C6-13 LUPPER THREAD TENSION SPRONG 集力輝置 3 C6-14 LUPPER THREAD RELEASE FIN				
C6-07				
(C6-7-1 PIN 額		LINE GUIDE DEVICE 倒位其応		
(C6-08 TENSION SPRING WASHER 禪蓋幹園 3 (C6-10 NUT 健身 3 (C6-11 TENSION SPRING WASHER 陳善教園 3 (C6-11 TENSION DISE PRESSER 東力教園 6 (C6-12 TENSION DISE PRESSER 東力教園 6 (C6-12 TENSION DISE PRESSER 東力教園 7 (C6-14 UPPER THREAD TENSION SPRONG 張力禪叢 3 (C6-14 UPPER THREAD TENSION SPRONG 張力禪叢 3 (C6-14 UPPER THREAD TENSION SPRONG 張力禪叢 3 (C6-15 THREAD RELEASE SHAFT 轉軸 1 (C6-16			1	
C6-10   NUT 軽母			_	
(6-10 NUT 提供) (6-11 TENSION DISC PW拉片 6 (6-12 TENSION DISC PWT 6 (6-13 UPPER THREAD TENSION SPRONG 張力弾簧 3 (6-14 UPPER THREAD RELEASE PIN 第 1 (6-15 THREAD RELEASE PIN 第 1 (6-16		TENSION SPRING WASHER 押貨墊徵		
C6-12				
C6-12   TENSION DISE PRESSER 張力整僧			3	}
C6-14		TENSION DISC 沙拉片	6	<u> </u>
C6-14	C6-12	TENSION DISE PRESSER 張力墊圈	3	}
C6-14	C6-13	UPPER THREAD TENSION SPRONG 張力彈簧	3	}
(S-15	C6-14	UPPER THREAD RELEASE PIN 銷		
C6-16	C6-15			
C6-18				
C6-18				
C6-23			3	
C6-24		I OWER THREAD TENSION PLATE 距力本線比		
C6-25   TENSION RELEASE CRANK 連桿				
C6-26   TENSION RELEASE CONNECTING BAR 上線鬆放提柄				
C6-27		TENSION RELEASE ORANG EMP		
(6-28 THREAD RELEASER LEVER SAFT 接線軸 1 C6-29 TENSION RELEASE CONNECTING ROD 連桿 1 C6-30 TENSION RELEASE LINK 小連柄 1 TENSION RELEASE LINK 小連柄 1 TENSION RELEASE SUTD 脈腺柱皮 1 C6-31 TENSION RELEASE SUTD 脈腺柱皮 1 C6-32 THREAD GUIDE 導線勾 1 TENSION RELEASE SUTD 脈腺柱皮 1 C6-33 WASHER 整欄 1 C6-34 UPPER THREAD TAKE-UP LEEVER ASSEMLY 天秤 1 C6-34 UPPER THREAD TAKE-UP LEEVER ASSEMLY 天秤 1 C6-35 THREAD CHECKER 大秤夾線片 1 C6-35 SPRING 彈簧 1 C6-37 LOWER THREAD GUIDE 導線勾(D) 1 C6-38 WASHER 整欄 1 C6-37 LOWER THREAD TENSION REGULATOR ASSEMBLY ?通導線片 1 C6-39 UPPER THREAD TENSION SUTD ASSEMBLY ?通導線片 1 C6-44 UPPER THREAD TENSION SUTD ASSEMBLY 張力調節軸 1 C6-41 UPPER THREAD TENSION SPRING 彈簧 1 C6-44 UPPER THREAD TENSION SPRING 彈簧 1 C6-44 UPPER THREAD FASTENING CAM WITH SCREW 上線張力凸輪 1 C6-44 UPPER THREAD FASTENING CAM WITH SCREW 上線張力凸輪 1 C6-44 UPPER THREAD FASTENING CAM WITH SCREW 上線張力凸輪 1 C6-31 SCREW 9/64×40 螺釘 1 C6-31 SCREW 9/64×40 螺釘 1 C6-31 SCREW 9/64×40 螺釘 1 C6-341 SCREW 11/64×40 螺釘 1 C6-341 SCREW 11/64×40 螺釘 1 C6-341 SCREW 11/64×40 螺釘 1 C6-345 SCREW 9/64×40 usg釘 1 C6-347 SCREW 11/64×40 螺釘 1 C6-345 SCREW 9/64×40 螺釘 1 C6-345 SCREW 9/64×40 usg釘 1 C6-345 SCREW 9/64×40 usg釘 1 C6-347 SCREW 11/64×40 螺釘 1 C6-348 SCREW 9/64×40 usg釘 1 C6-347 SCREW 11/64×40 螺釘 1 C6-348 SCREW 9/64×40 usg釘 1 C6-349 SCREW 9/64×40 usg釒 1		TENSION RELEASE CONNECTING BAR 上線鬆放提柄	1	
C6-30			1	
C6-31   TENSION RELEASE SUTD			1	
C6-31   TENSION RELEASE SUTD	C6-30	TENSION RELEASE LINK 小連柄	1	
C6-32		TENSION RELEASE SUTD 壓腳柱夾	1	
C6-33			1	
		WASHER 墊圈	1	
C6-34-1		UPPER THREAD TAKE-UP LEEVER ASSEMLY 天秤	1	
C6-35		UPPER THREAD TAKE-UP LEFVER ASSEMIY 天秤	1	
C6-36			<del>  i</del>	
C6-37		SPRING 確等	1	
C6-38				
C6-39				
C6-A40				
C6-41				
C6-43				
C6-44				
C6-X8   SCREW 9/64×40 螺釘   2   2   C6-X9   SCREW 15/64×28 螺釘   1   1   1   1   1   1   1   1   1				
C6-X9   SCREW 15/64×28 螺釘   1   C6-X31-1   SCREW 9/64×40 螺釘   2   2   C6-X34-1   SCREW 11/64×40 螺釘   2   2   C6-X44   SCREW 9/64×40 L=5 螺釘   1   1   C6-X47   SCREW 11/64×40 螺釘   1   1   C6-X47   SCREW 11/64×40 螺釘   2   2   C6-X48   SCREW 9/64×40 螺釘   2   2   C6-X49   SCREW 9/64×40 螺釘   1   C6-X50   SCREW 9/64×40 螺釘   1   C6-X51   SCREW 11/64×40 螺釘   1   C6-X53   SCREW 11/64×40 螺釘   1   C6-X53   SCREW 9/64×40 螺釘   1   C6-X54   SCREW 3/32×56 螺釘   1   C6-X56   SCREW 15/64×28 螺釘   2   C6-X58   UPPER THREAD TENSION STUD SCREW 又口合葉螺釘   3   C6-X59   SCREW 11/64×40 螺釘   1   C6-X65   SCREW 11/64×40 螺釘   2   C6-X59   SCREW 11/64×40 螺釘   2   C6-X59   SCREW 11/64×40 螺釘   2   C6-X59   SCREW 3/32×56 L=4 螺釘   2   C6-X56   SCREW 3/32×56 L=4 螺釘   2   C6-X65   SCREW 3/32×56 L=4   S				
C6-X9       SCREW 15/64×28 螺釘       1         C6-X31-1       SCREW 9/64×40 螺釘       2         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       2         C6-X48       SCREW 9/64×40 螺釘       1         C6-X49       SCREW 9/64×40 螺釘       1         C6-X50       SCREW 9/64×40 螺釘       1         C6-X51       SCREW 11/64×40 螺釘       1         C6-X53       SCREW 9/64×40 螺釘       1         C6-X54       SCREW 3/32×56 螺釘       1         C6-X56       SCREW 15/64×28 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-X59       SCREW 11/64×40 螺釘       2         C6-X55       SCREW 3/32×56 L=4 螺釘       2         C6-X65       SCREW 3/32×56 L=4 螺釘       2         C6-X65       SCREW 3/32×56 L=4 螺釘       2         C6-X65       SCREW 3/32×56 L=4 螺釘       2         C6-X65 <td>C6-X8</td> <td></td> <td></td> <td></td>	C6-X8			
C6-X31-1   SCREW 9/64×40 螺釘   2   2   C6-X34-1   SCREW 11/64×40 螺釘   2   2   C6-X44   SCREW 9/64×40 L=5 螺釘   1   C6-X47   SCREW 11/64×40 螺釘   1   2   2   2   2   2   2   2   2   2		SCREW 15/64×28 螺釘		
C6-X34-1   SCREW 11/64×40 螺釘   2   2   C6-X44   SCREW 9/64×40 L=5 螺釘   1   1   C6-X47   SCREW 11/64×40 螺釘   1   1   C6-X48   SCREW 9/64×40 螺釘   2   2   C6-X49   SCREW 9/64×40 螺釘   1   1   C6-X50   SCREW 9/64×40 螺釘   1   1   C6-X51   SCREW 11/64×40 螺釘   1   C6-X51   SCREW 11/64×40 螺釘   1   C6-X53   SCREW 9/64×40 螺釘   1   C6-X54   SCREW 3/32×56 螺釘   1   C6-X56   SCREW 15/64×28 螺釘   2   C6-X58   UPPER THREAD TENSION STUD SCREW 又口合葉螺釘   3   C6-X59   SCREW 11/64×40 螺釘   1   C6-X65   SCREW 11/64×40 螺釘   2   C6-X65   SCREW 3/32×56 L=4 螺釘   2   C6-C22   THREAD TAKE-UP COVER 天秤護蓋   1			1	
C6-X44   SCREW 9/64×40 L=5 螺釘		F7 (0F 4		
C6-X47       SCREW 11/64×40 螺釘       1         C6-X48       SCREW 9/64×40 螺釘       2         C6-X49       SCREW 9/64×40 螺釘       1         C6-X50       SCREW 9/64×40 螺釘       1         C6-X53       SCREW 9/64×40 螺釘       1         C6-X54       SCREW 3/32×56 螺釘       1         C6-X56       SCREW 15/64×28 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       2         C6-X65       SCREW 3/32×56 L=4 螺釘       2         C6-B26       TENSION RELEASE CONNECTING BAR 上線鬆放提柄       2         C6-B26       TENSION RELEASE CONNECTING BAR 上線鬆放提柄       2         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1				
C6-X48       SCREW 9/64×40 螺釘       2         C6-X49       SCREW 9/64×40 L=6 螺釘       1         C6-X50       SCREW 9/64×40 螺釘       1         C6-X51       SCREW 11/64×40 螺釘       1         C6-X53       SCREW 9/64×40 螺釘       1         C6-X54       SCREW 3/32×56 螺釘       1         C6-X56       SCREW 15/64×28 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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1		SCRFW 11/64x40		
C6-X49       SCREW 9/64×40 L=6 螺釘       1         C6-X50       SCREW 9/64×40 螺釘       1         C6-X51       SCREW 11/64×40 螺釘       1         C6-X53       SCREW 9/64×40 螺釘       1         C6-X54       SCREW 3/32×56 螺釘       1         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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1				
C6-X50       SCREW 9/64×40 螺釘       1         C6-X51       SCREW 11/64×40 螺釘       1         C6-X53       SCREW 9/64×40 螺釘       1         C6-X54       SCREW 3/32×56 螺釘       1         C6-X56       SCREW 15/64×28 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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1				
C6-X51       SCREW 11/64×40 螺釘       1         C6-X53       SCREW 9/64×40 螺釘       1         C6-X54       SCREW 3/32×56 螺釘       1         C6-X56       SCREW 15/64×28 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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1		CONCEYV 0/07ATO L=O 球ル    CODEW 0/64A/40 補紹名T		
C6-X53       SCREW 9/64×40 螺釘       1         C6-X54       SCREW 3/32×56 螺釘       1         C6-X56       SCREW 15/64×28 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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1	001/-/	OUNLYV 3/04X40 紫斑」		
C6-X54       SCREW 3/32×56 螺釘       1         C6-X56       SCREW 15/64×28 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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1				
C6-X56       SCREW 15/64×28 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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1		OCKEW 9/04X4U 緊到	1 1	
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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1		SUREVV 3/32X50 緊迫	1	
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         C6-C22       THREAD TAKE-UP COVER 天秤護蓋       1			2	
C6-X65         SCREW 3/32×56 L=4 螺釘         2           C6-B26         TENSION RELEASE CONNECTING BAR 上線鬆放提柄         2           C6-C22         THREAD TAKE-UP COVER 天秤護蓋         1				
C6-X65SCREW 3/32×56 L=4 螺釘2C6-B26TENSION RELEASE CONNECTING BAR 上線鬆放提柄2C6-C22THREAD TAKE-UP COVER 天秤護蓋1	C6-X59			
C6-B26TENSION RELEASE CONNECTING BAR 上線鬆放提柄2C6-C22THREAD TAKE-UP COVER 天秤護蓋1		SCREW 3/32×56 L=4 螺釘	2	
C6-C22 THREAD TAKE-UP COVER 天秤護蓋 1		TENSION RELEASE CONNECTING BAR 上線鬆放提柄	2	2
		THREAD TAKE-UP COVER 天秤護蓋		
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## LOWER THREADING MECHANISM

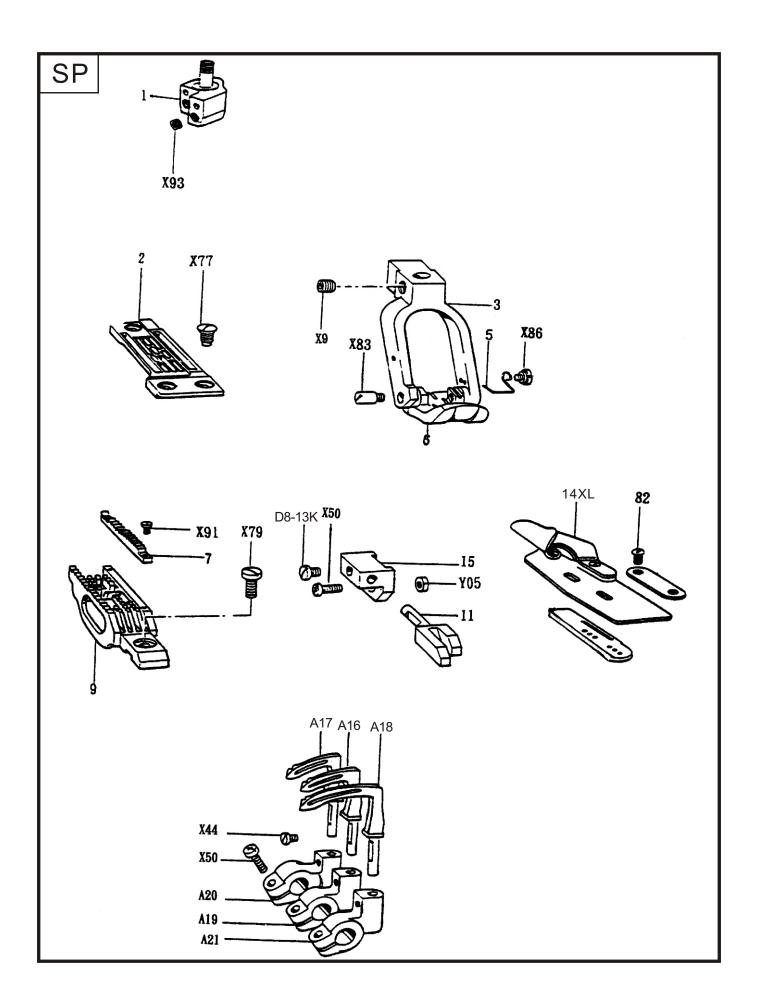
REF. NO.部件編號 C7-01 LOERT THREAD GUIDE RETAINER 導線架(上) C7-02N THREE PIPE-LINE THREAD TUBE 三線過線管 C7-03 BRACKET 過線片 C7-03N THREAD TUBE CLAMP 導線圏 C7-06 LOWER THREAD GUIDE SUPPORTER 支架輔助 C7-12 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕(上) C7-12-1 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕插銷 C7-17 LOWER THREAD COVER 橡膠墊 C7-A10 LOWER THREAD COVER 下前蓋 C7-A11 PLATE SPRING 彈簧勾	Amt req需求量
C7-02N THREE PIPE-LINE THREAD TUBE 三線過線管 C7-03 BRACKET 過線片 C7-03N THREAD TUBE CLAMP 導線圈 C7-06 LOWER THREAD GUIDE SUPPORTER 支架輔助 C7-12 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕(上) C7-12-1 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕插銷 C7-17 LOWER THREAD COVER 橡膠墊 C7-A10 LOWER THREAD COVER 下前蓋	
C7-03 BRACKET 過線片 C7-03N THREAD TUBE CLAMP 導線圏 C7-06 LOWER THREAD GUIDE SUPPORTER 支架輔助 C7-12 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕(上) C7-12-1 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕插銷 C7-17 LOWER THREAD COVER 橡膠墊 C7-A10 LOWER THREAD COVER 下前蓋	1
C7-03N THREAD TUBE CLAMP 導線圏 C7-06 LOWER THREAD GUIDE SUPPORTER 支架輔助 C7-12 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕(上) C7-12-1 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕插銷 C7-17 LOWER THREAD COVER 橡膠墊 C7-A10 LOWER THREAD COVER 下前蓋	1
C7-06 LOWER THREAD GUIDE SUPPORTER 支架輔助 C7-12 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕(上) C7-12-1 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕插銷 C7-17 LOWER THREAD COVER 橡膠墊 C7-A10 LOWER THREAD COVER 下前蓋	1
C7-12 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕(上) C7-12-1 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕插銷 C7-17 LOWER THREAD COVER 橡膠墊 C7-A10 LOWER THREAD COVER 下前蓋	6
C7-12-1 LOWER THREAD GUIDE HINGE ASSEMBLY 活動鈕插銷 C7-17 LOWER THREAD COVER 橡膠墊 C7-A10 LOWER THREAD COVER 下前蓋	1
C7-17 LOWER THREAD COVER 橡膠墊 C7-A10 LOWER THREAD COVER 下前蓋	2
C7-A10 LOWER THREAD COVER 下前蓋	2
	2
C7-A11 PLATE SPRING 彈簧勾	1
	2
E7-A12 FIXING PLATE 活動鈕(下)	2
C7-A14 LOWER THREAD TENSION BRACKET 三通過線片	1
C7-A14-1 THREAD GUIDE 穩線片	1
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	1
C7-A55 LOWER THREAD GUIDE 過線片	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	1
C7-29 LOWER THREAD TAKE-UP LEVER FRAME 過線輔助架	1
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
C7-32 GOIDE FLATE 週級輔助衆 C7-33 WASHER 墊圈	1
C7-33 WASHEN 至個 C7-34 LOERT THREAD GUIDE PLATE 固定片	1
C7-34 COERT THREAD GOIDE PLATE 固定月 C7-35 SCREW 彈簧	1 1
	+ 1
	1 1
C7-37 LOWER THREAD GUIDE(LEFT) 彈片扣 C7-39 LOWER THREAD GUIDE(LEFTRIGHT) 導線勾	<u> </u>
	2
C7-40 LOWER THREAD GUIDE(LEFT) 導線勾	1
C7-41 LOWER THREAD GUIDE PLATE 固定片	1
C7-44 LOWER THREAD TAKE-UP DISC ASSEMBLY 配線凸輪	1
C7-45 LOWER THREAD FEED TUBE 過線管	1
C7-47-1 LOOPER THREAD GUIDE BRACKET 針受座	1
C7-48 THREAD CUTTER GUIDE PLATE 切線刀	1
C7-49 THREAD CUTTER 切線刀	1
C7-A50-2 STOPPER SPRING PLATE 彈片勾	2
C7-A50-3 PIN 銷	4
C7-A50-4 FACE PLATE UPPER HINGE ASSEMBLY(R) 蝴蝶後扭(右)	
C7-A51-4 FACE PLATE UPPER HINGE ASSEMBLY(L) 蝴蝶後扭(左)	1
C7-C68 PIN 銷	1
C7-X9 SCREW 15/64×28 螺釘	1
C7-X31電 SCREW 11/64×40 螺釘	3
C7-X31-1 SCREW 11/64×40 螺釘	12
C7-X31-2 SCREW 9/64×40 L10 螺釘	2
C7-X44 SCREW 9/64×40 L5 螺釘	7
C7-X45 SCREW 9/64 螺釘	2
	2
C7-X50 SCREW 9/64 螺釘	1
	3
C7-X50 SCREW 9/64 螺釘	2
C7-X50   SCREW 9/64 螺釘   C7-X60   SCREW 9/64×40 L4 螺釘	2
C7-X50       SCREW 9/64 螺釘         C7-X60       SCREW 9/64×40 L4 螺釘         C7-X64       SCREW 3/32×56 螺釘         C7-X65       SCREW 3/32×56 L4 螺釘	
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘	
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘	6
C7-X50       SCREW 9/64 螺釘         C7-X60       SCREW 9/64×40 L4 螺釘         C7-X64       SCREW 3/32×56 螺釘         C7-X65       SCREW 3/32×56 L4 螺釘         C7-X66       SCREW 1/4×40 螺釘         C7-X67-1       SCREW 3/32×56 螺釘         C7-X92       SCREW 9/64×40 螺釘	6
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X67-1         SCREW 9/64×40 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X67-1         SCREW 9/64×40 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X67-1         SCREW 9/64×40 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X67-1         SCREW 9/64×40 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X67-1         SCREW 9/64×40 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X67-1         SCREW 9/64×40 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50   SCREW 9/64 螺釘   C7-X60   SCREW 9/64×40 L4 螺釘   C7-X64   SCREW 3/32×56 螺釘   C7-X65   SCREW 3/32×56 L4 螺釘   C7-X66   SCREW 1/4×40 螺釘   C7-X67-1   SCREW 3/32×56 螺釘   C7-X92   SCREW 9/64×40 螺釘   C7-X95   SCREW 9/64×40   S	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X67-1         SCREW 9/64×40 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50   SCREW 9/64 螺釘   C7-X60   SCREW 9/64×40 L4 螺釘   C7-X64   SCREW 3/32×56 螺釘   C7-X65   SCREW 3/32×56 L4 螺釘   C7-X66   SCREW 1/4×40 螺釘   C7-X67-1   SCREW 3/32×56 螺釘   C7-X92   SCREW 9/64×40 螺釘   C7-X95   SCREW 9/64×40   S	6 1 1
C7-X50   SCREW 9/64 螺釘   C7-X60   SCREW 9/64×40 L4 螺釘   C7-X64   SCREW 3/32×56 螺釘   C7-X65   SCREW 3/32×56 L4 螺釘   C7-X66   SCREW 1/4×40 螺釘   C7-X67-1   SCREW 3/32×56 螺釘   C7-X92   SCREW 9/64×40 螺釘   C7-X95   SCREW 9/64×40   S	6 1 1
C7-X50   SCREW 9/64 螺釘   C7-X60   SCREW 9/64×40 L4 螺釘   C7-X64   SCREW 3/32×56 螺釘   C7-X65   SCREW 3/32×56 L4 螺釘   C7-X66   SCREW 1/4×40 螺釘   C7-X67-1   SCREW 3/32×56 螺釘   C7-X92   SCREW 9/64×40 螺釘   C7-X95   SCREW 9/64×40   SCREW 9/64×40	6 1 1
C7-X50   SCREW 9/64 螺釘   C7-X60   SCREW 9/64×40 L4 螺釘   C7-X64   SCREW 3/32×56 螺釘   C7-X65   SCREW 3/32×56 L4 螺釘   C7-X66   SCREW 1/4×40 螺釘   C7-X67-1   SCREW 3/32×56 螺釘   C7-X92   SCREW 9/64×40 螺釘   C7-X95   SCREW 9/64×40   SCREW 9/64×40	6 1 1
C7-X50   SCREW 9/64 螺釘   C7-X60   SCREW 9/64×40 L4 螺釘   C7-X64   SCREW 3/32×56 螺釘   C7-X65   SCREW 3/32×56 L4 螺釘   C7-X66   SCREW 1/4×40 螺釘   C7-X67-1   SCREW 3/32×56 螺釘   C7-X92   SCREW 9/64×40 螺釘   C7-X95   SCREW 9/64×40   S	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X67-1         SCREW 9/64×40 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1
C7-X50         SCREW 9/64 螺釘           C7-X60         SCREW 9/64×40 L4 螺釘           C7-X64         SCREW 3/32×56 螺釘           C7-X65         SCREW 3/32×56 L4 螺釘           C7-X66         SCREW 1/4×40 螺釘           C7-X67-1         SCREW 3/32×56 螺釘           C7-X92         SCREW 9/64×40 螺釘           C7-X95         SCREW 9/64×40 螺釘	6 1 1





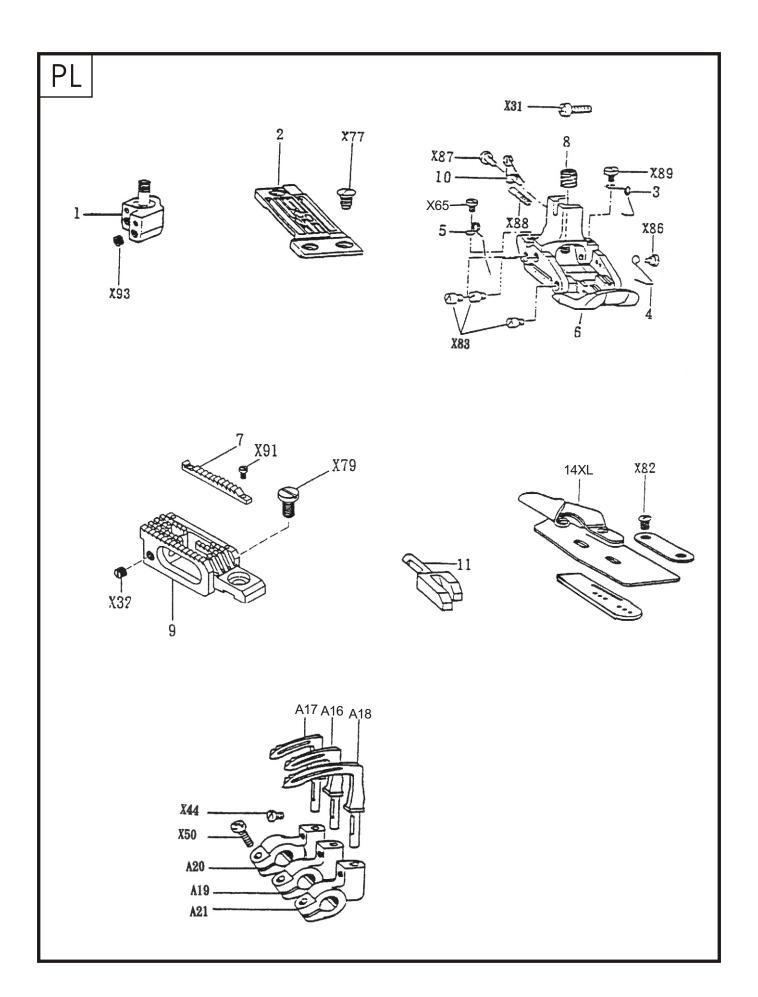
## LOWER SHAFT MECHANISM-GAUGE PARTS

	I I WEGIANIGW-GAGGETAKTO	
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C8-C1	LOVER SHAFT 下主軸	1
C8-02	BEARING 6200 Z 軸承	1
C0 02		1
C8-03	BEARING 6201 Z 軸承	1
C8-04	BALL BEARING BUSHING 內套筒	1
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
	FEEDON WATER	
C8-10	FEED DOG 送布齒	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
	LOOPEN LONG 写到(文)	1
C8-A19	LOOPER HOLDER (SHORT) 彎針台(短)	1
C8-A20	LOOPER HOLDER (MIDDLE) 彎針台(中)	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)	<u> </u>
	LOOPER MEDIUM 彎針(中)	1
C8-L2	CODEM 5/46×20 相対	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
C0 V74 4	SCREW1/4×28 螺釘	
C8-X74-1	OODEW 44/C4×40 開発	1
<u>C8-X75</u>	SCREW 11/64×40 螺釘	1
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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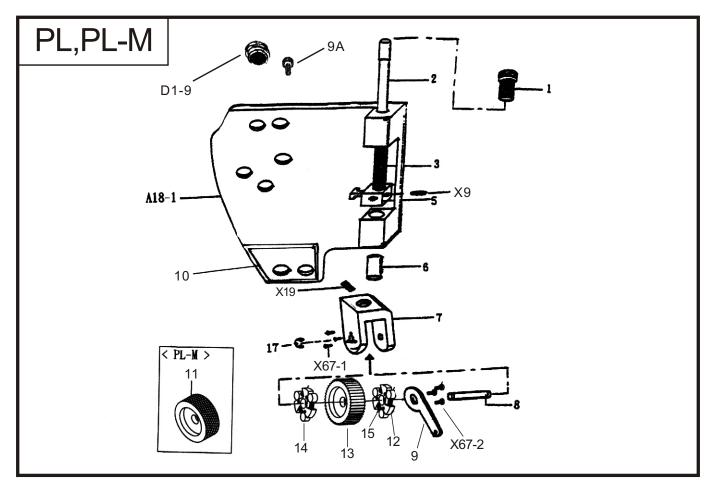
# GAUGE PARTS(SP) SP

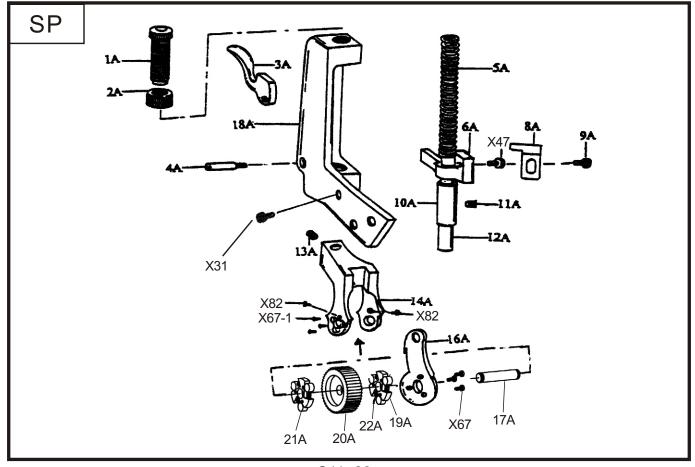
GAUGL FAN	10(01 ) 01		
REF. NO.部件編號	NAME OF PARTS 說明	Amt req	需求量
C9-01	NEEDLE CLAMP ASSEMBLY 針夾	1	
C9-02	NEEDLE PLATE 針板	1	
C9-03	PRESSER FOOT ASSEMBLY 壓腳頭	1	
C9-05	PRESSER FOOT (F) SPRING 彈簧	1	
C9-06	PRESSER FOOT ASSEMBLY 壓腳底	1	
C9-07	SUB FEED DOG 導布齒	1	
C9-09	FEED DOG 送布齒	1	
C9-11	NEEDLE GUARD 針受	1	
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		
C9-X77	SCREW 11/64×40 螺釘	3	
C9-X77	SCREW 3/16×32 螺釘	1	
C9-X82	SCREW 9/64×40 螺釘	1	
C9-X83	STUD SCREW 螺釘銷	2	
C9-X86	SCREW 3/32×56 合葉螺釘	1	
	SCREW 3/32×56	2	
C9-X91	OONEVV J/04 A UU 默述]		
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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### GAUGE PARTS (DP) DP

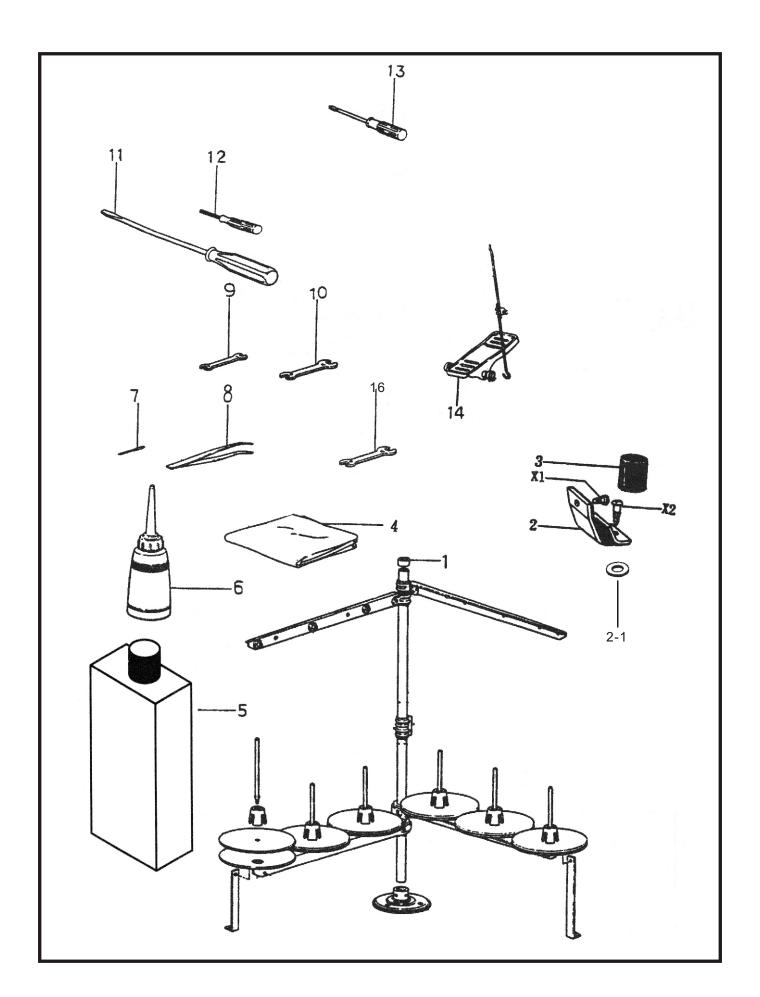
GAUGE PAR	וס (טר) טר	
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
C10-01	NEEDLE CLAMP ASSEMBLY 針夾	1
C10-02	NEEDLE PLATE 針板	1
C10-03	SPRING M 彈簧	1
C10-04	SPRING F 彈簧	1
C10-05	SPRING BL 彈簧	1
C10-06	PRESSER FOOT ASSEMBLY 前壓腳底	11
C10-07	SUB FEED DOG 導布齒	1
C10-08H	NUT 1/8×44 螺母	
C10-09	FEED DOG 送布齒	
C10-10	SPRING BS 彈簧	1
C10-11	NEEDLE GUARD 針受	1 1
C10-14XL	LAPPER ASSEMBLY 導布架喇叭	1 1
C10-A16	LOOPER (SHORT) 彎針(短)	1 1
C10-A17	LOOPER (MIDDLE)   彎針(中)  LOOPER (LONG)   彎針(長)	1
C10-A18	LOOPER (LONG)	1
C10-A19 C10-A20	LOOPER HOLDER (SHORT)	1 1
C10-A20	LOOPER HOLDER (MIDDLE)   灣新古(中)  LOOPER HOLDER (LONG)   灣針台(長)	1 1
C10-X21	SCREW 9/64×40 螺釘	1 1
C10-X31 C10-X32	SCREW 11/64×40 螺釘	1 1
C10-X32 C10-X44	SCREW 11/04×40 螺釘    SCREW 9/64×40 螺釘	3
C10-X44 C10-X50	SCREW 9/64×40 螺釘	3
C10-X65	SCREW 9/04 × 40	1
C10-X05	SCREW 11/64×40 螺釘	3
C10-X77	SCREW 17/04×40 蝶頭 SCREW 3/16×32 螺釘	1
C10-X79 C10-X82	SCREW 9/64×40 螺釘	1 1
C10-X62	STUD SCREW 螺釘銷	3
C10-X86	SCREW 3/32×56 螺釘	1 1
C10-X87	SCREW 1/8×44 L5 螺釘	<del>  i</del>
C10-X88	SCREW 1/8×44 螺釘	1 1
C10-X89	SCREW 3/32×56 螺釘	1
C10-X91	SCREW 5/64×56 螺釘	2
C10-X93	SCREW 1/8×44 螺釘	3
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# PULLER DEVICE MECHANISM DP \ SP

	TOL MEDITAMON DI 101	
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
C11-01	UPPER WHEEL PRESSER BAR 立軸	1
	SPRING 張力彈簧	1 1
C11-03	SPKING 依//連黄	1
C11-05	WHEEL DIRECTION FIXING DEVICE 拉布輪壓力提柄	1 1
C11-06	FRESSER ROD BUSHING 軸套	1 1
C11-07	UPPER WHEEL SEAT 拉布輪架	1 1
C11-08	UPPER WHEEL CONNECTON 固定軸	1
C11-09	ONE WAY PULL HOLDER 拉柄	1
C11-10	PACKING 防油墊片	1
C11-11	LOWER WHEEL 拉布輪	1
C11-11	ONE WAY TRIANGULAR WHEEL 單向三角軸片	2
	UNE WAT I RIANGULAR WHEEL 单问三月軸片	
C11-13	UPPER WHEEL 拉布輪	1 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 1
011-709		1
C11-X19	SCREW 螺釘	2
C11-X31	SCREW 9/64×40 螺釘	1
C11-X47	PRESSER FOOT LIFTER 螺釘	1
C11-X47	SCREW 螺釘	1
C11-X67	SCREW 3/32×56 螺釘	3
C11-X67-1	SCREW 3/32×56 螺釘	6
C11-X67-1	SCREW 3/32×56 螺釘	3
	SCREW 9/64×40   螺釘	3
C11-X82	OUNEW 3/04 X 4U Skip	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
C11-05A	SPRING 張力彈簧	1 1
C11-06A	PRESSER BAR GUIDE ASSEMBLY 拉布輪壓力提柄	1 1
	ROLLER PRESSER BAR LIFTER 舌片	1 1
C11-08A		<u> </u>
C11-09A	SCREW PRESSER ROD BUSHING 螺釘	5
C11-10A	PRESSER ROD BUSHING 軸套	1
C11-12A	UPPER WHEEL PRESSER BAR 立軸	1
C11-14A	PULLER SUPPORTER ASSEMBLY 拉布輪架	1
C11-16A	ONE WAY PULL HOLDER 拉柄	1 1
C11-10A C11-17A	UPPER WHEEL CONNECTON 固定軸	1
C11-17A	FACE PLATE 拉布輪基座	1
	I AVE I LATE 12.11   12.11   13.11   14.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11   15.11	<u> </u>
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

	ES .	
REF. NO.部件編號	NAME OF PARTS 說明	Amt req需求量
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 OIL TANK 大油壺 OILER ASSEMBLY 小油瓶	1
C12-05	OIL TANK 大油壺	1
C12-06	OILER ASSEMBLY 小油瓶	1
C12-07	NEEDLE 針 TWEEZERS 線夾	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-X2	SCREW 6.2×26 木螺釘	2
C12-X2	SCREW 0.2 × 20 × risker	
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