

LZ457A

使用說明與零件圖 INSTRUCTION AND PARTS LIST







高林股份有限公司 KAULIN M FG. CO.,LTD.

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APPLICATION

High speed single needle lock stitch zigzag machine. High speed single needle lock stitch zigzag machine with automatic thread trimmer.

NOTES ON SAFETY

The machine must only be commissioned in full knowledge of the instruction manual and operated by persons with appropriate training.

Before putting into service also read the safety notes and the instruction manual of the motor supplier.

The machine must be used only for the purpose intended. Use of the machine without the safety devices belonging to it is not permitted.

When gauge parts are exchanged (e.g. needle, presser foot, needle plate, feed dog and bobbin), during threading, when the workplace is left, and during service work, the machine must be isolated from the mains by switching off the main switch or disconnecting the mains plug.

On mechanically operated clutch motors without start inhibitor it is necessary to wait until the motor has stopped.

General servicing work must be carried out only by appropriately trained persons.

Repairs, conversion and special maintenance work must only be carried out by technicians or persons with appropriate training.

For service or repair work on pneumatic systems the machine must be isolated from the compressed air supply system. Exceptions to this are only adjustments and function checks made by appropriately trained technicians.

Work on the electrical equipment must be carried out only by electricians or appropriately trained persons.

Work on parts and systems under electric current is not permitted, except as specified in regulartions EN50110.

Conversions or changes to the machine must be made only on adherence to all safety regulations.

For repairs, only replacement parts approved by us must be used.

Commissioning of the sewing head is prohibited until such time as the entire sewing unit is found to comply with EC regulations.

Meanings of the symbols:



Danger spot! Items requiring special attention



Danger of injury to operative or service staff Be sure to observe and adhere to these safety notes!

COMMISSIONING



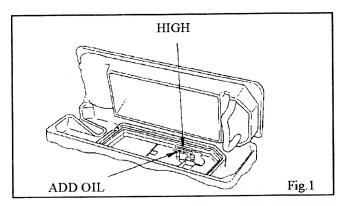
To avoid disturbances or damages it is absolutely necessary to observe the following instructions:

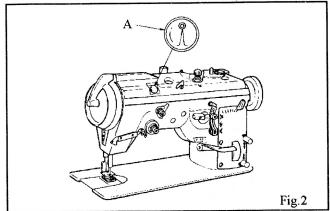
Before you put the machine into operation for the first time clean it thoroughly, and oil it well (see page 2).

Have the machine check whether the motor can be used with existing mains voltage or not, and that junction box is correctly connected. Do not start the machine if the voltage is not correct!

When the machine runs, the balance wheel must rotate toward the operator. If it dose not, have the electrician change the wires on the motor.

OILING







Switch off the machine.

Set sewing head upright again using both hands.

Danger of crushing between sewing head and table top.

Tip machine back on its hinges and fill the oil reservoir to HIGH mark as illustrated in Fig. 1.

Correct lubrication is indicated by a continuous stream of oil passing the oil flow window A while machine is running, as shown in Fig. 2.

Should this oil flow become erratic, STOP the machine and check the reservoir oil level, fill if needed.

At least twice each month, check the oil level in the reservoir. Never allow the oil level to drop below add oil mark, shown in Fig. 1.

Only use oil with a viscosity of 20.0 mm²/sec. at 38 °C and a density of 0.888 g/cm³ at 15 °C. We recommend SINGER C-oil.

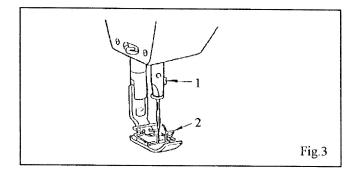
NEEDLE AND THREAD

Size of needle should be determined in accordance with the size of thread used and type of material being sewn. A correct size needle will permit the thread to pass freely through the eye of the needle and avoid strain and breaking. A bent needle will cause your machine to skip stitches. A hook or burr on the needle point will result in a finish that looks blurred and when short stitches are used some materials may be cut.

Therefore, to obtain best sewing results, use SINGER needles.

		For light-	For medium-	
Applicatio	n of class	weight	weight	
L	•	materials	materials	
Max. thread ▲	Metric No.	120-100	100- 60	
size-synthetic	Cotton No.	80- 60	60- 30	
Needle size	JIS(SINGER)	#8-#10	#12-#16	
Needle Size	Metric	60- 70	80-100	
1906-01 (135×53) Catalog No. (Needle system) 1906-07 (135×53 M Ball) 8752-64		11) cc G L Ball)		
▲ or an equivale	▲ or an equivalent size of other type of thread.			

INSERTING THE NEEDLE (See Fig. 3)





Switch off the machine.

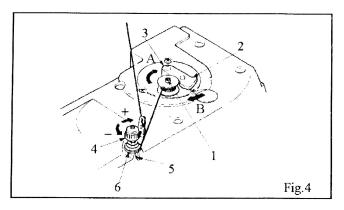
Do not operate without finger guard (2)! (See Fig. 3)

Danger of injury!

Use cat. No. 1906-01 (135 \times 53), 1906-07 (135 \times 53 M Ball), 8752-64 (135 \times 135 Lg G Ecc L Ball) needles only. (See table page.)

Set the needle bar at its highest point. Loosen needle set screw (1). (see Fig. 3) Insert the needle in the needle bar and push it up as far as it will go. Make sure its long groove faces toward the front. Tighten needle set screw (1) securely.

WINDING THE BOBBIN (See Fig.4)



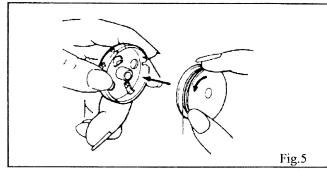
Bobbin winder spindle (1) rotates in the direction of arrow (A).

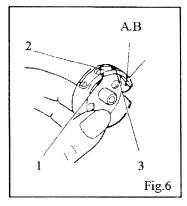
Push lever (2) in the direction of arrow (B) to wind the bobbin. To adjust amount of thread on bobbin, loosen set screw (3) in lever (2) and move lever (2), as required. Securely tighten set screw (3).

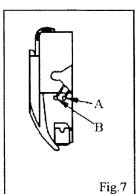
Adjust the thumb nut (4) to regulate the tension for bobbin winding.

If thread winds unevenly on bobbin, loosen screw (5) and move bobbin winder pretension (6) up or down, as required, and tighten screw (5).

THREADING THE BOBBIN CASE









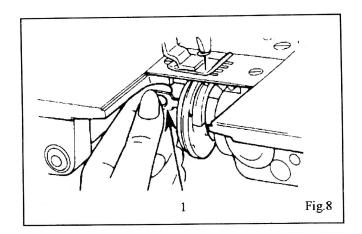
Switch off the machine.

Hold bobbin so that thread will unwind in the direction shown in Fig. 5 and place the bobbin into bobbin case.

Pull the thread into slot (1) and under the tension spring (2) and into slot (3) as shown in Fig. 6. Then draw thread into delivery eye (A or B), as shown in Fig. 6. Use delivery eye (A) for sewing light weight material, as shown in Fig. 7.

Use delivery eye (B) for sewing medium weight material.

TO REMOVE THE BOBBIN CASE



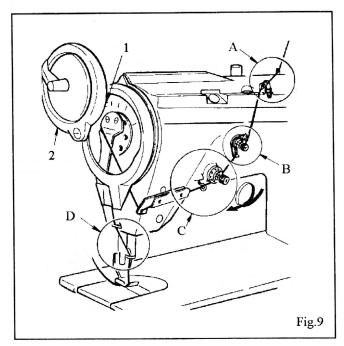


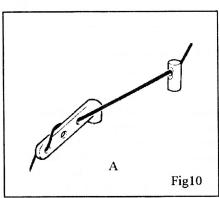
Switch off the machine.

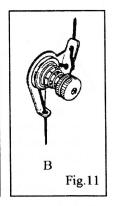
Do not operate machine with throat plate left open.

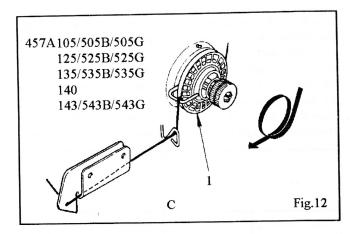
Open latch (1) and remove bobbin case from sewing hook. (Fig. 8)

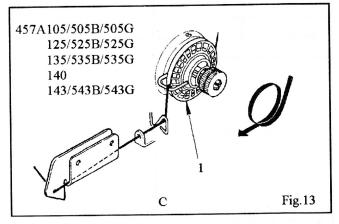
THREADING THE MACHINE

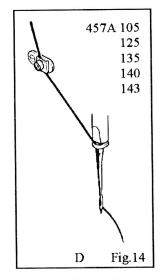


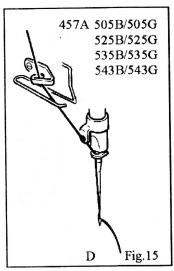


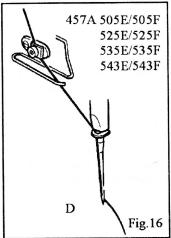














Switch off the machine.

Do not operate machine with the cover (2) (See Fig. 9) left open.

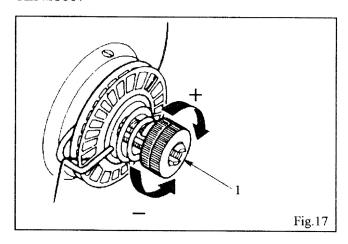
Check and make sure no thread is caught in the rotary takeup before threading the machine.

CAUTION: Be careful not to injure your fingers with the thread cutter (1), Fig. 9, on the face plate when threading the rotary take-up.

Pass the thread from the unwinder through threading points A (Fig. 10), B (Fig. 11), C (Figs. 12 and 13) and D (Figs. 14, 15 and 16) in the order shown.

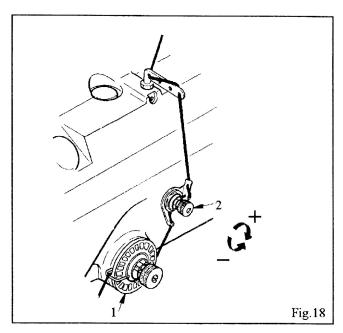
NOTE: When passing thread through threading point C (Figs. 12 and 13), wind thread around rotary tension wheel (1) once.

REGULATING THE NEEDLE THREAD TENSION



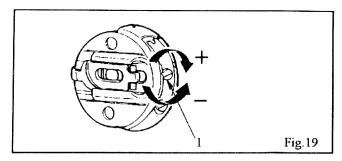
Regulate needle thread tension with tension regulating thumb nut (1) as shown in Fig. 17.

REGULATING THE PRETENSION



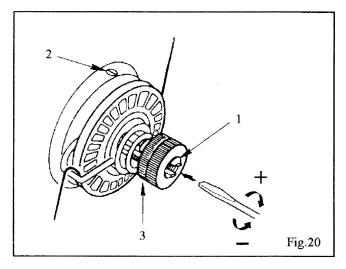
Pretension thumb nut (2) should be adjusted so that the needle thread will rotate the rotary tension wheel (1) without slippage. (Fig. 18)

REGULATING THE BOBBIN THREAD TENSION



Regulate bobbin thread tension with tension regulating screw (1) as shown in Fig. 19.

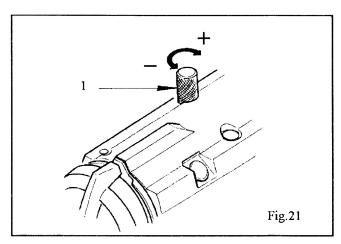
REGULATING THE TAKE-UP SPRING



Using a large screwdriver in slot of stud (1), regulate take-up spring tension by turning stud (1), as required.

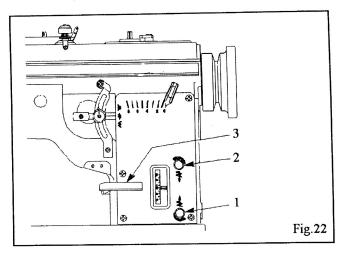
To adjust the amount of take-up spring movement, loosen screw (2), Fig. 20, and set take-up spring height by turning the entire tension assembly (3) toward left or right, as required. Securely tighten screw (2).

REGULATING THE PRESSER FOOT PRESSURE



To regulate the presser foot pressure, turn knurled thumb screw (1), Fig. 21, toward left or right as required.

REGULATING THE STITCH LENGTH (457A 105/125/135/143/505/525/535/543)

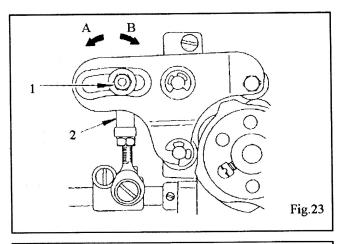


To regulate stitch length for forward feed, turn stitch length regulating screw stud (1), Fig. 22, clockwise to shorten the stitch length and counterclockwise to lengthen the stitch length.

To regulate stitch length for reverse feed, turn stitch length regulating screw stud (2), Fig. 22, clockwise to shorten the stitch length and counterclockwise to lengthen the stitch length.

To change the direction of feed for back tacking, depress feed reverse lever (3) quickly to lowest position and hold lever (3) in this position until back tack is completed. The machine will return to forward feed when lever (3) is released.

REGULATING THE STITCH LENGTH (457A140)





Switch off the machine.

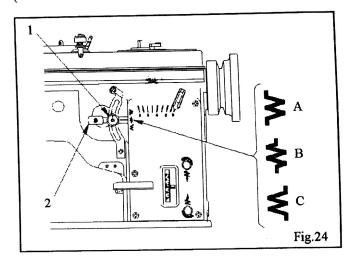
Set sewing head upright again using both hands. Danger of crushing between sewing head and table top.

To regulate the stitch length, tip machine back on its hinges, loosen lock nut (1) and turn rod (2), as required. (Fig. 23)

To make the stitch length longer, move rod (2) in the direction of arrow (A).

To shorten the stitch length, move rod (2) in the direction of arrow (D).

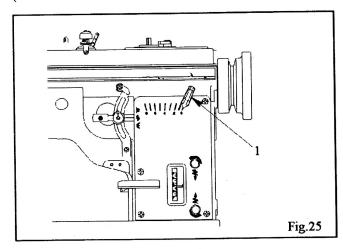
SELECTING THE NEEDLE POSITION (457A 105/125/135/140/505/525/535)



To select desired needle position, loosen thumb nut (1) and move lever (2) to desired needle position & tighten thumb nut.

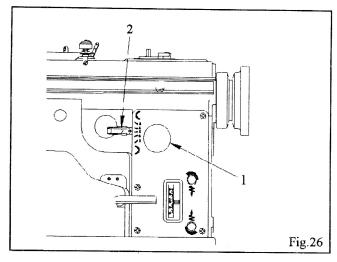
- A ... Left needle position
- B ... Center needle position
- C ... Right needle position

SETTING THE STITCH WIDTH (457A 105/125/135/140/505/525/535)



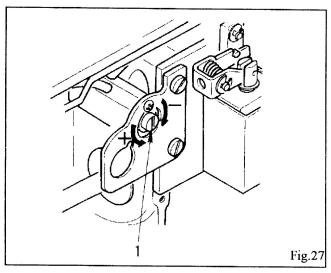
The width of zigzag stitch is regulated with lever (1), Fig. 25.

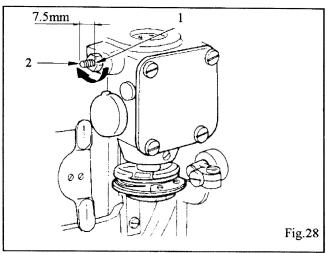
SETTING THE STITCH WIDTH (457A 143/543)



To regulate the width of zigzag stitch, loosen thumb screw(1), Fig. 26, and set lever (2) to desired setting.

REGULATING THE AMOUNT OF OIL FLOW TO SEWING HOOK







Switch off the machine. Set sewing head upright again using both hands. Danger of crushing between sewing head and table top.

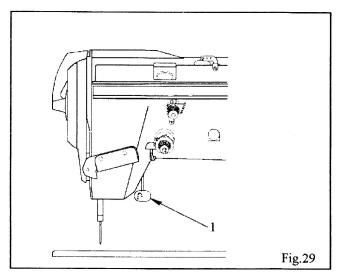
To regulate the amount of oil flow to sewing hook, tip machine back on its hinges and turn oil flow regulating valve (1) as shown in Fig. 27.

To decrease the amount of oil flow, turn valve clockwise. To increase the amount of oil flow, turn valve counterclockwise.

NOTE: If oil supply to sewing hook is still not sufficient even when oil flow regulating valve (1) is adjusted to maximum, loosen nut (1), Fig. 28, and turn oil flow regulating screw (2) in the direction of arrow (A).

(Oil flow regulating screw (2) is adjusted to approximately 7.5mm when machine leaves the factory.)

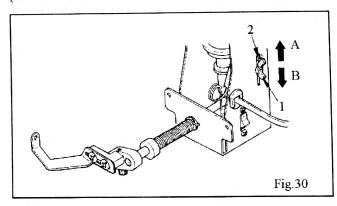
BACK TACK SWITCH (457A505G/505F/525G/525F/535G/535F/543G/543F)



Push back tack switch (1), Fig. 29, for back tacking. The machine will continue to sew in reverse while the back tack switch is pushed.

ADJUSTING THE SLACK NEEDLE THREAD REGULATOR

(457A 505E/505F/525E/525F/535E/535F/543E/543F)





Switch off the machine.

To adjust the slackness of the needle thread, loosen wing bolt (1) and slide it up or down, as required, using the indicator (2) and graduation as a yardstick as shown in Fig. 30.

Move wing bolt upward in the direction of arrow (A) to increase slackness.

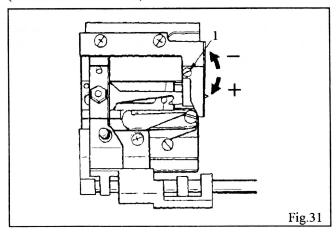
Move wing bolt downward in the direction of arrow (B) to decrease slackness.

NOTE: Excessive slackness of the needle thread may cause birds nest and thread breakage at start of sewing. Insufficient slackness may result in needle thread being pulled out of needle eye, skip stitching and needle breakage at start of sewing.

When slack needle thread regulator function is not required, turn off switch (3) shown in Fig. 30.

ADJUSTING THE BOBBIN THREAD HOLDER

(457A 505/525/535/543)





Switch off the machine.

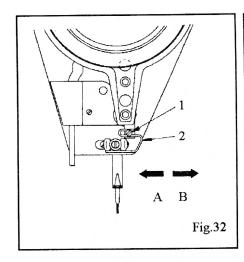
Set sewing head upright again using both hands. Danger of crushing between sewing head and table top.

To adjust the length of thread end remaining on the underside of the material at start of sewing, tip machine back on its hinges and turn adjusting screw (1) as shown in Fig. 31.

To increase the length of thread end, turn adjusting screw (1) clockwise.

To decrease the length of thread end, turn adjusting screw (1) counterclockwise.

ADJUSTING THE LENGTH OF THREADEND IN NEEDLE EYE (457A 505/525/535/543)





Switch off the machine.

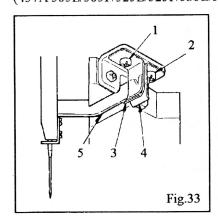
To adjust the length of thread end remaining in the needle eye, loosen screw (1), Fig. 32, and move face plate thread puller (2), as required.

To shorten the thread end, move thread puller in the direction of arrow (A).

To lengthen the thread end, move thread puller in the direction of arrow (B).

ADJUSTING THE NEEDLE THREAD HOLDER **PULLER**

(457A 505E/505F/525E/525F/535E/535F/543E/543F)

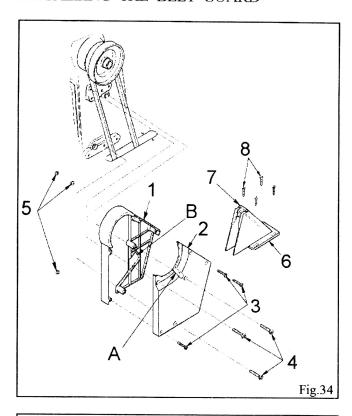




machine.

To adjust the holding strength of needle thread holder puller, loosen screws (1) and (2), Fig. 33, and adjust the pressure of the needle thread holder puller springs (3) and (4) against needle thread holder puller.

INSTALLING THE BELT GUARD





Switch off the machine.

Set sewing head upright again using both hands. Danger of crushing between sewing head and table top.

Do not run machine without belt guard! Danger of inaccidents!

Above table surface

Fasten belt guards (1) and (2) to machine head with belt guard screws (3) and (4) and also with nuts (5) as shown in Fig. 34. Then fasten belt guard (6) to table with wood screws (8) making sure it will not interfere with belt guard (1) and (2), and so that the V-belt will rest against the belt guard slide (7) when machine is tipped back on its hinges.

When installing belt guard for machines with thread trimmer, remove portion "A" from belt guard (2).

When installing belt guard for machines with touch back system remove portion "A" and "B" from belt guard (1) and (2).

Below table surface

Install belt guard so that motor pulley and V-belt will rotate freely without interference.

SPECIFICATIONS

Stitch type: see table page 10 Variety: see table page 10

Machine pully: 74mm effective dia. for V-belt

Needle catalog No.: see table page 10

Needle size : see table page 10

Fabric clearance:

105/125/135/140/143 : 6.2mm 505/525/535/543 : 5.7mm

Workspace width: 280mm
Workspace hight: 120mm
Bed dimensions: 477 × 178mm
Max.stitch length: see table page 10
Max.sewing speed: see table page 10

Subject to alterations in design and dimensions.

MACHINE CARE



Switch off the machine.

Set sewing head upright again using both hands. Danger of crushing between sewing head and table top.

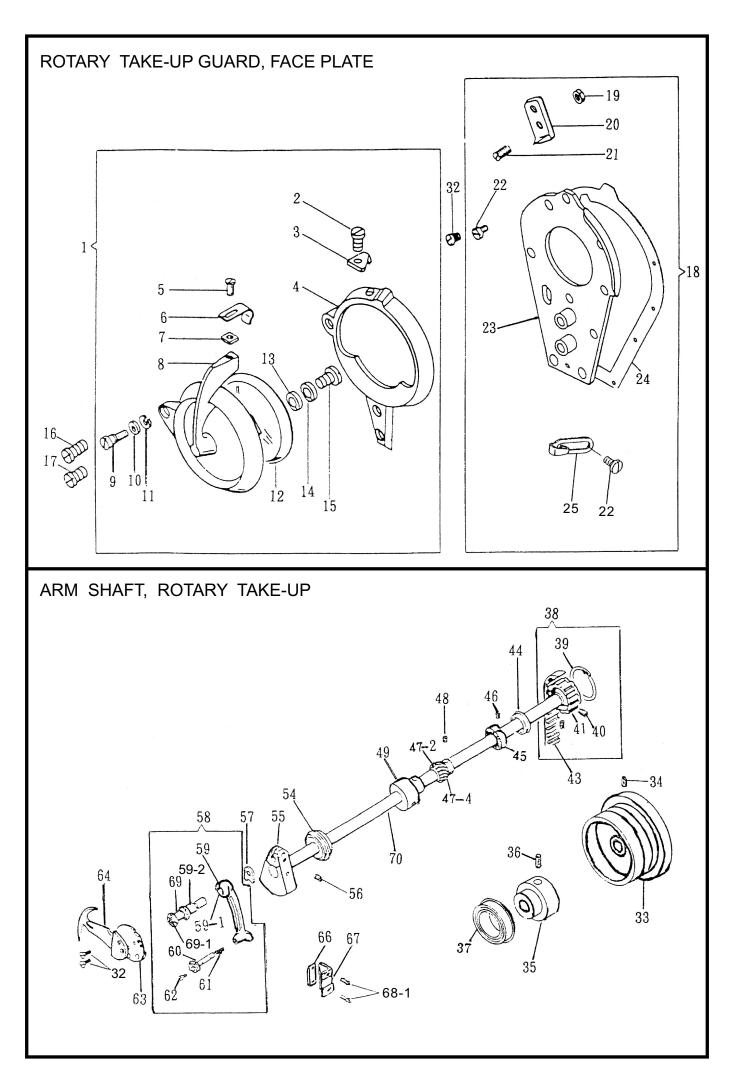
When the machine is in regular use, remove the lint and dust from around sewing hook area once a day.

A machine in frequent use should be cleaned and oiled more frequently.

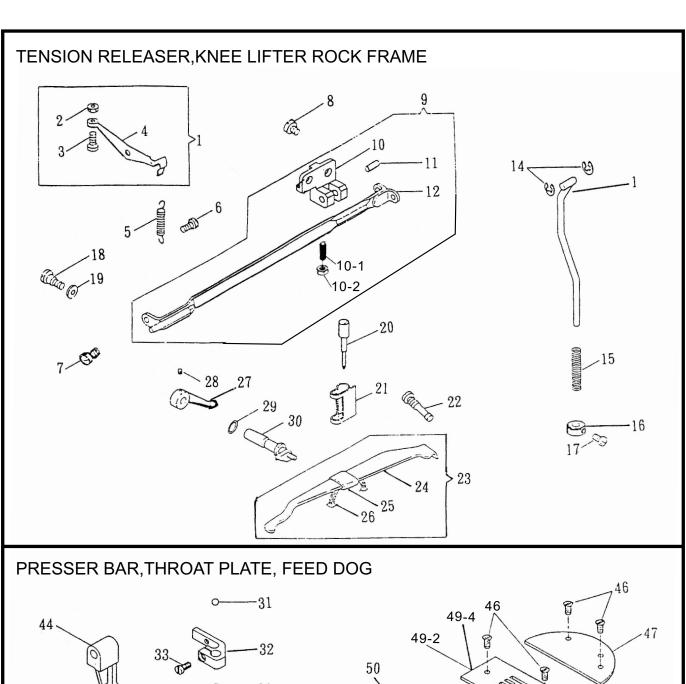
		Max. sewing speed	Max. needle bight	Max. stitch length	Needle catalog No
Variety	Stitch type	in s.p.m ▲	1		(Needle system)
			+	1.3 mm	1906-07
105L		Section 1988		20 SPI	(135×53 M Ball)
	1 1 1 1	8 (8.0 mm	5.1 mm	1906-01
105M	$\langle \cdot \rangle / \langle \cdot \rangle / \langle \cdot \rangle / \langle \cdot \rangle$			5 SPI	(135×53)
	\bigvee_{i} \bigvee_{j} \bigvee_{i} \bigvee_{j}			2.0 mm	1906-07
125L	304(zigzag lockstitch)			13 SPI	(135×53 M Ball)
		5,000	5.0 mm	4.2 mm	1906-01
125M				6 SPI	(135×53)
		Marine Service		1.3 mm	1906-07
135L	$\setminus \wedge \wedge$			20 SPI	(135×53 M Ball)
	\vee			2.5 mm	1906-01
135M	321(3 step zigzag)			10 SPI	(135×53)
	111			6.5 mm	8752-64
140M		4, 500			(135×53 Lg G
	fagot stitch	6			Ecc L Ball)
		1, 200	8.0 mm	1.3 mm	1906-07
143L	h			20 SPI	(135×53 M Ball)
	, MWW _M , , MWW _M ,			2.5 mm	1906-01
143M	scalop stitch			10 SPI	(135×53)
				1.3 mm	1906-07
505L				20 SPI	(135×53 M Ball)
	$\neg \land \land$,		5. 1 mm	1906-01
505M	\			5 SPI	(135×53)
	Y Y Y Y		400	2.0 mm	1906-07
525L	304(zigzag lockstitch)	5 000	5.0	13 SPI	(135×53 M Ball)
50514		5, 000	5.0 mm	4.2 mm	1906-01
525M				6 SPI	(135×53)
	_	1		1.3 mm	1906-07
535L			John Street	20 SPI	(135×53 M Ball)
50	1 // // \			2.5 mm	1906-01
535M	321(3 step zigzag)			10 SPI	(135×53)
	Www.www.		8.0 mm	1.3 mm	1906-07
543L		1 200		10 SPI	(135×53 M Ball)
		4, 200		2.5 mm	1906-01
543M	scalop stitch			10 SPI	(135×53)

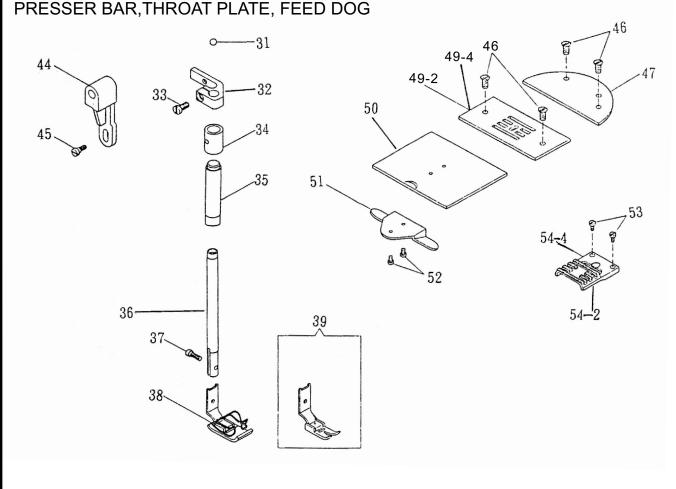
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F13.	BELT GUARD , THREAD UNWINDER (2-SPOOL)	13



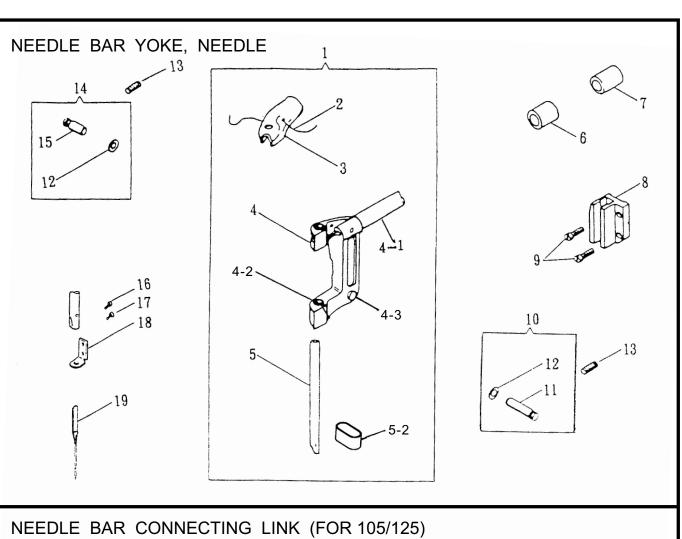
REF. NO.部件編號	虎 DESCRIPTION 説明	QTY. 需求量
F1-01	ROTARY TAKE-UP GUARD (CPL.) 活動護蓋網	110.5
F1-02P	THREAD CUTTER CREW 螺釘	1
F1-03	THREAD CUTTER 割線刀	1
F1-04	ROTARY TAKE-UP GUARD (A) 活動蓋(A)	1
F1-05P	ROTART TAKE-UP SCREW 螺釘	1
F1-06	ROTART TAKE-UP GUARD SPRING CATCH 彈片勾	1
F1-07	WASHER 墊片	1
F1-08	ROTARY TAKE-UP GUARD COVER (B) 活動蓋(B)	1
F1-09P	ROTARU TAKE-UP SCREW 螺栓	1
F1-10	ROTARY TAKE-UP GUARD HINGE WASHER 墊圈	2
F1-11	ROTART TAKE-UP GUARD HINGE SPRING WASHER C型墊圈	1
F1-12	ROTARY TAKE-UP GUARD COVER WINDOW 護鏡	1
<u>F1-13</u>	TOTARY TAKE-UP WASHER 墊圈	1
<u>F1-14</u>	TOTARY TAKE-UP WASHER 墊圈	1
F1-15P	TOTARY TAKE-UP SCREW 螺釘	
F1-16P	TOTARY TAKE-UP GUARD SCREW (LONG) 螺釘	1
F1-17P	TOTARY TAKE-UP GUARD SCREW (SHORT) 螺釘	111
F1-18	FACE PLATE (CPL.) 前蓋板組	
F1-19W	THREAD CUTTER SCREW NUT 螺母	1
F1-20	THREAD CUTTER (ON FACE PLATE) 割線刀	1
F1-21P	THREAD CUTTER SCREW 螺釘	2
F1-22P	THERAD CUTTER SCREW 螺釘	2
F1-23	FACE PLATE GASKET 前蓋板	1
F1-24	FACE PLATE GASKET 防油墊片	1 1
F1-25	TAKE-UP THREAD GUIDE 挑線導片	1
F1-32P	FACE PLATE SCREW 螺釘	12
F1-33	MACHINE PULLEY 皮帶輪	1 1
F1-34P	MACHINE PULLEY SCREW 螺釘	2
F1-35	BEARING FIXED STAND 軸承固定座	1 1
F1-36P	ARM SHAFT THRUST CALLAR SET SCREW 螺釘 ARM SHAFT BEARING 軸承(後)	2
F1-37	ARM SHAFT BEARING 転承(後)	1
F1-38	ARM SHAFT CONNECTION BELT PULLEY RING O型扣環	1
F1-39 F1-40P	ARM SHAFT CONNECTION BELT PULLEY KING O型打場 ARM SHAFT CONNECTION BELT PULLEY SET SCREW 螺釘	2
F1-40P	ARM SHAFT CONNECTION BELT PULLEY 同步皮帶輪	
F1-43	ARM SHAFT CONNECTION BELT 同步皮帶	1
F1-43	ARM SHAET OIL SHIELD 橡膠油封	1
F1-45	BOBBIN WINDER DRIVING WHEEL 摩擦齒輪	1
F1-46P	BOBBIN WINDER DRIVING WHEEL SET SCREW 螺釘	2
F1-47-2	NEEDLE VIBRATING PINION (2) 蝸桿(2)	1
F1-47-4	NEEDLE VIBRATING PINION (4) 蜗桿(4)	1
F1-48P	NEEDLE VIBRATING PINION SET SCREW 螺釘	6
F1-49	ARM SHAFT BUSHING (CENTER) 上軸套襯(中)	1
F1-54	ARM SHAFT BALLBEARING 軸承(前)	1
F1-55	ARM SHAFT NEEDLE BAR CRANK 平衡塊	1
F1-56P	NEEDLE BAR CRANK STUD POSITION SCREW 螺釘	4
F1-57	NEEDLE BAR CRANK THRUST WASHER 定向墊片	1
F1-58	NEEDLE BAR CONNECTING CONNECTING LINK (CPL.) 針柱驅動組	
F1-59	NEEDLE BAR CONNECTING LINK 針柱驅動連桿	1
F1-59-1	NEEDLE BAR CONNECTING LINK BEARING 套筒	1
F1-59-2	NEEDLE DRIVING LEVER BEARING 針驅動桿軸承	
F1-60	NEEDLE BAR CONNECTING STUD 針柱夾	1
F1-61	NEEDLE BAR OIL FELT CORD 油蕊	1
F1-62P	NEEDLE BAR CONNECTING STUD SCREW 螺釘	1
F1-63	ROTARY TAKE-UP MOUNTUING DISK 天秤定向片	1
F1-64	ROTARY TAKE-UP天秤	1
F1-66	ENNDLE BAR CONNECTING LINK CLAMPING PLATE 固定片	1
F1-67	NEEDLE BAR CONNECTING LINK GUID BLOCK 導軌	1
F1-68P	NEEDLE BAR CONNECTING LINK GUID BLOCK SCREW 螺釘	2
F1-68-1P	SCREW 螺釘	2
F1-69	NEEDLE BAR CONNECTING CRANK STUD 傳動曲軸	1
<u>F1-69-1</u>	PIN 栓	1
F1-70	ARM SHAFT, ROTARY TAKE-UP 上主軸	111
		1

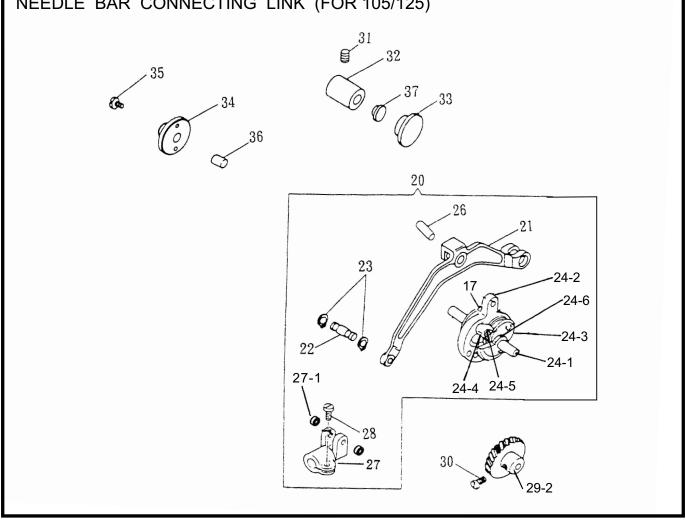




UPPER SHAFT MACHANISM

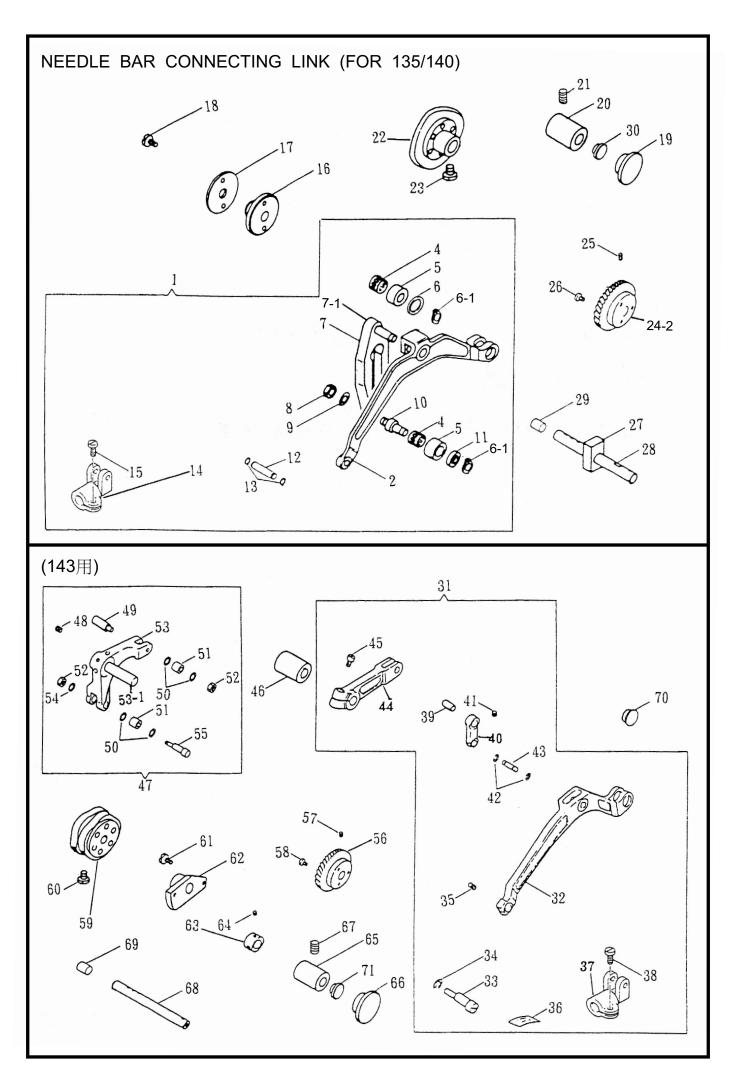
DESCRIPTION 2017 OTY 教徒 PROSECUTION 2017 OTY 教徒 PROSECUTION 2017 TENSION RELEASER ADJUSTING SCREW NUT 銀点 1 PROSECUTION 2017 TENSION RELEASER ADJUSTING SCREW WIT 1 PROSECUTION 2017 TENSION RELEASER SPRING 理象 1 PROSECUTION 2017 TENSION RELEASER SPRING PROSECUTION 2017 PROSECUTION 2017 TENSION RELEASER SPRING PROSECUTION 2017 TENSION RELEA	PPER SHA	FIMACHANISM	
F2-01	REF. NO.部件編號		QTY. 需求量
F2-03P	F2-01	TENSION RELEASER (CPL.) 鬆緊釋放組	
F2-04		TENSION RELEASER ADJUSTING SCREW NUT 螺母	
F2-06			
F2-06P TENSION RELEASER SCREW 螺釘		IENSION RELEASER 釋放柄	
F2-08P KNEE LIFTER ROCK FRAME HINGE SCREW 螺釘			<u> </u>
F2-08P KNEE LIFTER ROCK FRAME HINGE LOCK SCREW 螺釘 2 F2-09 KNEE LIFTER ROCK FRAME (OPL) 睦继括模组 1 F2-10-1P SCREW 螺釘 1 F2-10-2W NUT 螺段 1 F2-10-2W NUT 螺段 1 F2-11 KNEE LIFTER ROCK FRAME HINGE STUD PIN 插栓 1 F2-12 KNEE LIFTER ROCK FRAME LIFTER LIFTING ROL SPRING SCREW LIFTER LIFTING SCREW LIFTER LIFTING ROL SPRING SCREW LIFTER LIFTING LIFT			
F2-09 KNEE LIFTER ROCK FRAME (CPL.) 膝根搖科組 F2-10-1P SCREW 螺釘 F2-10-1P SCREW 螺鎖 F2-10-2W NUT 螺栓 F2-11 KNEE LIFTER ROCK FRAME HINGE STUD PIN 插栓 F2-12 KNEE LIFTER ROCK FRAME BIMEKE F2-13 KNEE LIFTER ROCK FRAME BIMEKE F2-13 KNEE LIFTER ROCK FRAME BIMEKE F2-13 KNEE LIFTER ROCK FRAME BIMEKE F2-14 KNEE LIFTER ROCK FRAME BIMEKE F2-15 KNEE LIFTER LIFTING ROD (ASSY) 指线驅動柄 F2-14 KNEE LIFTER LIFTING ROD SRING E型扣環 F2-16 KNEE LIFTER LIFTING ROD SRING E型扣環 F2-17 KNEE LIFTER LIFTING ROD SRING SOLLAR 固定陽 F2-17 KNEE LIFTER LIFTING ROD SRING SOLLAR 固定陽 F2-17 KNEE LIFTER LIFTING ROD SRING SCREW 螺釘 F2-20 PRESSER BAR SPRING BOJUSTING SCREW ボ動栓 F2-21 PRESSER BAR SPRING ADJUSTING SCREW 活動栓 F2-22 PRESSER BAR SPRING SCREW 螺鎖 F2-23 PRESSER BAR SPRING SCREW 螺鎖 F2-24 PRESSER BAR SPRING SCREW 塚鎖 F2-25 PRESSER BAR SPRING MIDE LIFE WITH LIFE LIFTING ROD SPRING SCREW FRICTION 彈力來 F2-26 PRESSER BAR SPRING WICK 並終 F2-27 PRESSER BAR SPRING WICK 並終 F2-28 PRESSER BAR SPRING WICK 並終 F2-29 PRESSER BAR LIFTER (CPL.) 手技柄 F2-29 PRESSER BAR LIFTER SET SCREW 螺鎖 F2-30 PRESSER BAR LIFTER SET SCREW 螺鎖 F2-31 PRESSER BAR BILFTER SET SCREW 螺鎖 F2-32 PRESSER BAR BILFTER SET SCREW 螺鎖 F2-33 PRESSER BAR BILFTING CAM STUD O-RING 橡膠油封 F2-34 PRESSER BAR BALL 翻珠 F2-35 PRESSER BAR RUFTING CAM STUD O-RING 橡膠油封 F2-36 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-37 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-38 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-39 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-34 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-35 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-36 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-37 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-38 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-39 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-34 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-35 PRESSER BAR BUFTING CAM STUD O-RING 橡膠油封 F2-36 PRESSER BAR BUFTING LING SCREW 螺鎖 F2-37 PRESSER BAR BUFTING CAM STUD O-RING RING SCREW 螺鎖 F2-44 PRESSER BAR BUFTING CAM STUD O-RING RING SCREW 螺鎖 F2-45 PRESSER BAR BUFTING CAM STUD O-RING RING SCREW 螺鎖 F2-			
F2-10-1P SCREW ### 1 F2-10-2W NUT ### 1 F2-10-2W NUT ### 1 F2-10-2W NUT ### 1 F2-11 KNEE LIFTER ROCK FRAME HINGE STUD PIN 插栓 1 F2-12 KNEE LIFTER ROCK FRAME ### 1 F2-13 KNEE LIFTER ROCK FRAME ### ### 1 F2-14 KNEE LIFTER LIFTING ROD (ASS'Y)			2
F2-10-1P SCREW 螺釘 1			
F2-10-2W NUT 螺母 F2-11 KNEE LIFTER ROCK FRAME HINGE STUD PIN 插栓			<u> </u>
F2-11 KNEE LIFTER ROCK FRAME INGE STUD PIN 插栓 F2-12 KNEE LIFTER ROCK FRAME ISLATE F2-13 KNEE LIFTER ROCK FRAME ISLATE F2-14 KNEE LIFTER ROCK FRAME ISLATE F2-15 KNEE LIFTER LIFTING ROD (ASSY) 指桿驅動柄 1 F2-15 KNEE LIFTER LIFTING ROD RING E型打壞 2 F2-16 KNEE LIFTER LIFTING ROD SPRING WATT F2-16 KNEE LIFTER LIFTING ROD SPRING WATT F2-16 KNEE LIFTER LIFTING ROD SPRING WATT F2-17 KNEE LIFTER LIFTING ROD SPRING SCREW #31 F2-20 PRESSER BAR SPRING ROD SPRING SCREW #31 F2-21 PRESSER BAR SPRING ADJUSTING SCREW #31 F2-221 PRESSER BAR SPRING ADJUSTING SCREW #31 F2-222 PRESSER BAR SPRING SCREW #31 F2-23 PRESSER BAR SPRING (CPL.) 服力板組 F2-24 PRESSER BAR SPRING (CPL.) 服力板組 F2-25 PRESSER BAR SPRING TUBE 橡膠養樹 1 F2-26 PRESSER BAR SPRING WICK 油漆 F2-27 PRESSER BAR SPRING WICK 油漆 F2-27 PRESSER BAR LIFTER SET SCREW #31 F2-28P PRESSER BAR LIFTER SET SCREW #31 F2-29 PRESSER BAR LIFTER SET SCREW #31 F2-30 PRESSER BAR LIFTER SET SCREW #31 F2-31 PRESSER BAR BAR LIFTER SET SCREW #31 F2-32 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 1 F2-33 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 1 F2-34 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 1 F2-35 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 1 F2-36 PRESSER BAR BUSHING COVER 學膠養養 1 F2-37 PRESSER BAR BUSHING COVER 學膠養養 1 F2-38 PRESSER BAR BUSHING COVER 學膠養養 1 F2-39 PRESSER BAR BUSHING COVER 學膠養養 1 F2-36 PRESSER BAR BUSHING COVER 學膠養養 1 F2-37 PRESSER BAR BUSHING COVER 學膠養養 1 F2-38 PRESSER BAR BUSHING COVER 學膠養養 1 F2-39 PRESSER BAR BUSHING COVER 學歷歷養養 1 F2-39 PRESSER BAR BUSHING COVER 學歷歷養養 1 F2-39 PRESSER BAR BUSHING COVER W\$1 F2-39 PRESSER BAR BUSHING COVER PRESÆ 1 F2-39 PRESSER BAR BUSHING COVER PRESÆ 1 F2-39 PRESSER BAR BUSHING COVER PRESÆ 1 F2-39 PRESSER BAR BUSH BAR FRESER BAR B			1
F2-12 KNEE LIFTER ROCK FRAME 上上 上			1
F2-13			1
F2-14 KNEE LIFTER LIFTING ROD RING E型打環 1 F2-15 KNEE LIFTER LIFTING ROD SPRING More Riving 1 F2-16 KNEE LIFTER LIFTING ROD SPRING COLLAR 固定圈 1 F2-17P KNEE LIFTER LIFTING ROD SPRING SCREW 螺釘 1 F2-20 PRESSER BAR SPRING ADJUSTING SCREW More 1 F2-21 PRESSER BAR SPRING ADJUSTING SCREW FRICTION 彈力來 1 F2-22 PRESSER BAR SPRING MORE More 1 F2-23 PRESSER BAR SPRING SCREW 螺釘 1 F2-24 PRESSER BAR SPRING (CPL.) 医力板组 5 F2-25 PRESSER BAR SPRING WICK 抽笼 1 F2-26 PRESSER BAR SPRING WICK 抽笼 1 F2-27 PRESSER BAR SPRING WICK 抽笼 1 F2-28 PRESSER BAR SPRING WICK 抽笼 1 F2-29 PRESSER BAR LIFTER SET SCREW 螺釘 1 F2-29 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 1 F2-30 PRESSER BAR LIFTING CAM STUD (CPL.) 手轉軸 1 F2-31 PRESSER BAR BAR LIFTING CAM STUD (CPL.) 手轉軸 1 F2-32 PRESSER BAR BAR POSITION GUIDE 手提導位柄 1 F2-33 PRESSER BAR BAR POSITION GUIDE 手提導位柄 1 F2-34 PRESSER BAR BUSHING COVER 塑膠護套 1 F2-35 PRESSER BAR BUSHING EW 螺釘 1 F2-36 PRESSER BAR BUSHING EW Fine 1 F2-37 PRESSER BAR BUSHING EW Fine 2 F2-38 PRESSER BAR BUSHING EW Fine 3 F2-39 PRESSER BAR BUSHING EW Fine 4 F2-39 PRESSER BAR BUSHING EW Fine 4 F2-39 PRESSER BAR BUSHING EW Fine 5 F2-39 PRESSER FOOT (HINGED) (CPL.) EW F1 F2-45P PRESSER BAR BUSHING EW Fine 5 F2-46P BED PLATE \$ DOT (HINGED) (CPL.) EW F1 F2-44P PRESSER BAR BUSHING EW Fine 5 F2-45P PRESSER BAR BUSHING EW Fine 5 F2-45P PRESSER BAR BUSHING EW Fine 5 F2-45P BED BLATE \$ DOT (HINGED) (CPL.) EW F1 F2-45P PRESSER BAR BUSHING EW F1 F2-55D BED SLIDE \$ DRING \$ DRIVE \$ DRIVE 5 F2-53P FEED DOG (2) \$ BAR W F1 F2-55P BED SLIDE \$ DRING \$ DRIVE \$ DRIVE 5 F2-54-2 FEED DOG (2) \$ BARW \$ DRIVE 5 F2-54-2 FEED DOG (2) \$ BARW \$ DRIVE 5 F2-54-2 FEED DOG (2) \$ BARW \$ DRIVE 5 F2-54-2 FEED DOG (2) \$ BARW \$ DRIVE 5 F2-54-2 FEED DOG (2) \$ BARW \$ DRIVE 5 F2-54-2 FEED DOG (2) \$ BARW \$ DRIVE 5 F2-54-2 FEED DOG (2)			1
F2-15 KNEE LIFTER LIFTING ROD SPRING 釋放彈簧 1 F2-16 KNEE LIFTER LIFTING ROD SPRING COLLAR 固定图 1 F2-17P KNEE LIFTER LIFTING ROD SPRING SCREW 螺釘 1 F2-20 PRESSER BAR SPRING ADJUSTING SCREW ボ動栓 1 F2-21 PRESSER BAR SPRING ADJUSTING SCREW 活動栓 1 F2-22 PRESSER BAR SPRING SCREW 螺釘 1 F2-23 PRESSER BAR SPRING SCREW 螺釘 1 F2-24 PRESSER BAR SPRING (CPL.) 壓力模組 1 F2-25 PRESSER BAR SPRING ING 壓力彈簧板 1 F2-26 PRESSER BAR SPRING WIX III III III III III III III III III			· · · · · · · · · · · · · · · · · · ·
F2-16 KNEE LIFTER LIFTING ROD SPRING COLLAR 固定图 1 F2-17P KNEE LIFTER LIFTING ROD SPRING SCREW 经到 1 F2-20 PRESSER BAR SPRING ADJUSTING SCREW 活動栓 1 F2-21 PRESSER BAR SPRING ADJUSTING SCREW 活動栓 1 F2-22 PRESSER BAR SPRING ADJUSTING SCREW FICTION 彈力夾 1 F2-23 PRESSER BAR SPRING SCREW 螺釘 1 F2-24 PRESSER BAR SPRING (CPL.) 壓力板組 1 F2-25 PRESSER BAR SPRING WIDE 橡膠套圈 1 F2-26 PRESSER BAR SPRING WIDE 橡膠套圈 1 F2-27 PRESSER BAR SPRING WIDE 橡膠套圈 1 F2-28 PRESSER BAR SPRING WIDE 橡膠套圈 1 F2-29 PRESSER BAR LIFTER (CPL.) 手提柄 1 F2-29 PRESSER BAR LIFTER (CPL.) 手提柄 1 F2-30 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 1 F2-31 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 1 F2-32 PRESSER BAR BALL 鋼珠 1 F2-33 PRESSER BAR POSITION GUIDE 手提導位柄 1 F2-34 PRESSER BAR BAR DOSITION GUIDE 手提導位柄 1 F2-35 PRESSER BAR BUSHING COVER 塑膠護套 1 F2-36 PRESSER BAR BUSHING COVER 塑膠護套 1 F2-37 PRESSER BAR BUSHING MEMERIES 1 F2-38 PRESSER BAR BUSHING MEMERIES 1 F2-39 PRESSER BAR BUSHING MEMERIES 1 F2-30 PRESSER BAR BUSHING MEMERIES 1 F2-31 PRESSER BAR BUSHING MEMERIES 1 F2-32 PRESSER BAR BUSHING MEMERIES 1 F2-33 PRESSER BAR BUSHING MEMERIES 1 F2-34 PRESSER BAR BUSHING MEMERIES 1 F2-35 PRESSER BAR BUSHING MEMERIES 1 F2-36 PRESSER BAR BUSHING MEMERIES 1 F2-37 PRESSER BAR BUSHING MEMERIES 1 F2-38 PRESSER FOOT (HINGED) (CPL.) MEMERIES 1 F2-39 PRESSER FOOT (HINGED) (CPL.) MEMERIES 1 F2-39 PRESSER BAR LIFTING CAM CATCH 手提傳動桿 1 F2-44 PRESSER BAR LIFTING LINK SCREW 螺釘 1 F2-45 PRESSER BAR LIFTING LINK SCREW 螺釘 1 F2-46 BED PLATE 全角板 1 F2-47 BED PLATE 全角板 1 F2-49-2 THROAT PLATE 全角板 1 F2-50 BED SLIDE SPRING SCREW 螺釘 2 F2-51 BED SLIDE SPRING SCREW 螺釘 2 F2-54-2 FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG SCREW 螺釘 1		KNFF LIFTER LIFTING ROD SPRING 釋放彈筆	
F2-17P KNEE LIFTER LIFTING ROD SPRING SCREW 螺釘 F2-20 PRESSER BAR SPRING ADJUSTING SCREW 活動栓 1 F2-21 PRESSER BAR SPRING ADJUSTING SCREW FRICTION 彈力夾 1 F2-22P PRESSER BAR SPRING SCREW 螺釘 F2-23P PRESSER BAR SPRING (CPL.) 壓力板組 F2-24 PRESSER BAR SPRING 医力理管板 1 F2-25 PRESSER BAR SPRING MD 型管板 F2-25 PRESSER BAR SPRING WD			
F2-20 PRESSER BAR SPRING ADJUSTING SCREW 活動栓 F2-21 PRESSER BAR SPRING ADJUSTING SCREW FRICTION 彈力夾 1 F2-22P PRESSER BAR SPRING SCREW 螺釘 1 F2-23 PRESSER BAR SPRING (CPL.) 壓力板組 F2-24 PRESSER BAR SPRING [CPL.) 壓力板組 F2-25 PRESSER BAR SPRING TUBE 橡膠套倒 1 F2-26 PRESSER BAR SPRING WICK 油蕊 F2-27 PRESSER BAR SPRING WICK 油蕊 F2-28P PRESSER BAR LIFTER (CPL.) 手捷柄 1 F2-29 PRESSER BAR LIFTER SET SCREW 螺釘 1 F2-30 PRESSER BAR LIFTER SET SCREW 螺釘 1 F2-31 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 1 F2-31 PRESSER BAR BAL AMS TUD O-RING 橡膠油封 1 F2-32 PRESSER BAR POSITION GUIDE 手提導位柄 1 F2-33P PRESSER BAR POSITION GUIDE SCREW 螺釘 1 F2-34 PRESSER BAR POSITION GUIDE SCREW 螺釘 1 F2-35 PRESSER BAR BUSHING COVER 塑膠養產 1 F2-36 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-37P PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-38 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-39 PRESSER BAR LIFTING CAM CATCH 手提傳動桿 1 F2-44 PRESSER BAR LIFTING CAM CATCH 手提傳動桿 1 F2-45P PRESSER BAR LIFTING LINK SCREW 螺釘 1 F2-44P PRESSER BAR LIFTING LINK SCREW 螺釘 1 F2-44P BED PLATE 全域(小2點) 1 F2-49-2 THROAT PLATE 針板(小2點) 1 F2-49-4 THROAT PLATE 針板(小2點) 1 F2-50 BED SLIDE SPRING 角板下夾片 F2-51 BED SLIDE SPRING 角板下夾片 F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-54-2 FEED DOG (2) 沒有齒(2)			
F2-21 PRESSER BAR SPRING ADJUSTING SCREW FRICTION 彈力夾 F2-22P PRESSER BAR SPRING SCREW 螺釘 F2-23 PRESSER BAR SPRING (CPL.) 壓力板組 F2-24 PRESSER BAR SPRING 壓力彈簧板 F2-25 PRESSER BAR SPRING 壓力彈簧板 F2-26 PRESSER BAR SPRING INTUBE 橡膠套圈 1 F2-27 PRESSER BAR SPRING WEX 油笼 F2-28 PRESSER BAR LIFTER (CPL.) 手提柄 F2-29 PRESSER BAR LIFTER SET SCREW 螺釘 F2-30 PRESSER BAR LIFTTING CAM STUD O-RING 橡膠油封 F2-31 PRESSER BAR LIFTTING CAM STUD O-RING 橡膠油封 F2-32 PRESSER BAR LIFTTING CAM STUD (CPL.) 手轉軸 1 F2-33 PRESSER BAR BALL 網珠 F2-34 PRESSER BAR POSITION GUIDE 手提導位柄 F2-35 PRESSER BAR POSITION GUIDE SCREW 螺釘 1 F2-35 PRESSER BAR BUSHING COVER 塑膠護套 1 F2-36 PRESSER BAR BUSHING COVER 塑膠護套 1 F2-37 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-38 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-39 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-39 PRESSER BAR BUSHING LIPTING LIPTI			
F2-22P PRESSER BAR SPRING SCREW 螺釘 F2-23 PRESSER BAR SPRING (CPL.) 壓力板組 F2-24 PRESSER BAR SPRING 壓力彈簧板 F2-25 PRESSER BAR SPRING WDBE 橡胶套圈 1 F2-26 PRESSER BAR SPRING WIDBE 橡胶套圈 F2-26 PRESSER BAR SPRING WICK 油蕊 F2-27 PRESSER BAR LIFTER (CPL.) 手提柄 F2-28P PRESSER BAR LIFTER SET SCREW 螺釘 F2-29 PRESSER BAR LIFTER SET SCREW 螺釘 F2-30 PRESSER BAR LIFTING CAM STUD O-RING 橡膠油封 F2-31 PRESSER BAR LIFTING CAM STUD (CPL.) 手轉軸 1 F2-32 PRESSER BAR BALL 鋼珠 F2-32 PRESSER BAR POSITION GUIDE 手提導位柄 1 F2-33P PRESSER BAR POSITION GUIDE SCREW 螺釘 F2-34 PRESSER BAR POSITION GUIDE SCREW 螺釘 F2-35 PRESSER BAR BUSHING COVER 型膠薄套 1 F2-36 PRESSER BAR BUSHING EW 螺釘 F2-37P PRESSER BAR BUSHING EW 上 F2-38 PRESSER BAR BUSHING WIDE SCREW 螺釘 F2-39 PRESSER FOOT (HINGED) (CPL.) 壓腳 F2-39 PRESSER FOOT (HINGED) (CPL.) 壓腳 F2-39 PRESSER FOOT (HINGED) (CPL.) 壓腳 F2-44 PRESSER BAR LIFTING CAM CATCH 手提傳動桿 1 F2-44P PRESSER BAR LIFTING LINK SCREW螺釘 1 F2-44P BED PLATE 全侧角板 F2-47 BED PLATE 全侧角板 F2-49-2 THROAT PLATE 全板(小2點) F2-49-2 THROAT PLATE 全板(小2點) F2-50 BED SLIDE SPRING 角板下夾片 F2-51 BED SLIDE SPRING 角板下夾片 F2-52P BED SLIDE SPRING SCREW 螺釘 F2-53P FEED DOG (2) 炎布齒(2)			
F2-23 PRESSER BAR SPRING (CPL.) 壓力板組 F2-24 PRESSER BAR SPRING 壓力彈簧板			
F2-24		PRESSER BAR SPRING (CPL.) 厭力标組	'
F2-25		PRESSER BAR SPRING	1
F2-26	F2-25	PRESSER BAR SPRING TUBE 橡膠套網	1
F2-27	F2-26		1
F2-28P PRESSER BAR LIFTER SET SCREW 螺釘 F2-29 PRESSER BAR LIFTTING CAM STUD O-RING 橡膠油封 1 F2-30 PRESSER BAR LIFTTING CAM STUD (CPL.) 手轉軸 1 F2-31 PRESSER BAR BALL 鋼珠 1 F2-32 PRESSER BAR POSITION GUIDE 手提導位柄 1 F2-33P PRESSER BAR POSITION GUIDE SCREW 螺釘 1 F2-34 PRESSER BAR BUSHING COVER 塑膠護套 1 F2-35 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-36 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-37P PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-38 PRESSER FOOT SCREW 螺釘 1 F2-39 PRESSER FOOT (HINGED) (CPL.) 壓腳 F2-39 PRESSER FOOT (HINGED) (CPL.) 壓腳 F2-44 PRESSER FOOT (HINGED) (CPL.) 壓腳 F2-45P PRESSER BAR LIFTING CAM CATCH 手提傳動桿 1 F2-45P PRESSER BAR LIFTING LINK SCREW螺釘 1 F2-47 BED PLATE SCREW 螺釘 F2-47 BED PLATE SCREW 螺釘 F2-49-2 THROAT PLATE 針板(小2點) F2-49-4 THROAT PLATE 針板(小2點) F2-50 BED SLIDE 角板 F2-51 BED SLIDE 角板 F2-52P BED SLIDE SPRING 角板下夾片 F2-53P FEED DOG (2) 送布齒(2)			1
F2-29 PRESSER BAR LIFTTING CAM STUD O-RING 橡膠油封 F2-30 PRESSER BAR LIFTTING CAM STUD (CPL.) 手轉軸 1 F2-31 PRESSER BAR BALL 鋼珠 F2-32 PRESSER BAR POSITION GUIDE 手提導位柄 F2-33P PRESSER BAR POSITION GUIDE SCREW 螺釘 F2-34 PRESSER BAR BUSHING COVER 塑膠護套 1 F2-35 PRESSER BAR BUSHING 壓腳柱軸套筒 F2-36 PRESSER BAR BUSHING 壓腳柱軸套筒 F2-37P PRESSER BAR 壓腳柱 F2-38 PRESSER FOOT (HINGED) (CPL.) 壓腳 F2-39 PRESSER FOOT (HINGED) (CPL.) 壓腳 F2-39 PRESSER FOOT (HINGED) (CPL.) 壓腳組 F2-44 PRESSER BAR LIFTING CAM CATCH 手提傳動桿 F2-45P PRESSER BAR LIFTING LINK SCREW螺釒 F2-46P BED PLATE 全國有板 F2-47 BED PLATE 全國有板 F2-49-2 THROAT PLATE 針板(小2點) F2-49-4 THROAT PLATE 針板(大2點) F2-50 BED SLIDE 角板 F2-51 BED SLIDE APK F2-52 BED SLIDE SPRING 角板下夾片 F2-53P FEED DOG (2) 途布齒(2)		PRESSER BAR LIFTER SET SCRFW 螺釘	1
F2-30 PRESSER BAR LIFTTING CAM STUD (CPL.) 手轉軸 1 F2-31 PRESSER BAR BALL 鋼珠 1 F2-32 PRESSER BAR POSITION GUIDE 手提導位柄 1 F2-33P PRESSER BAR POSITION GUIDE SCREW 螺釘 1 F2-34 PRESSER BAR BUSHING COVER 塑膠護套 1 F2-35 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-36 PRESSER BAR BUSHING 壓腳柱軸套筒 1 F2-37P PRESSER BAR 壓腳柱 1 F2-37P PRESSER FOOT SCREW 螺釘 1 F2-38 PRESSER FOOT (HINGED) (CPL.) 壓腳 1 F2-39 PRESSER FOOT (HINGED) (CPL.) 壓腳 1 F2-44 PRESSER BAR LIFTING CAM CATCH 手提傳動桿 1 F2-45P PRESSER BAR LIFTING LINK SCREW螺釘 1 F2-46P BED PLATE SCREW 螺釘 1 F2-47 BED PLATE 半圓角板 1 F2-49-2 THROAT PLATE 針板(小2點) 1 F2-49-4 THROAT PLATE 針板(小2點) 1 F2-50 BED SLIDE 角板 1 F2-51 BED SLIDE 角板 1 F2-52P BED SLIDE SPRING 角板下夾片 1 F2-53P FEED DOG (2) 送布齒(2) 1			1
F2-31	F2-30	PRESSER BAR LIFTTING CAM STUD (CPI) 手鹹軸	1
F2-32			1
F2-33P		PRESSER BAR POSITION GUIDF 手提導位柄	1
F2-34	F2-33P		1
F2-35			<u> </u>
F2-36		PRESSER BAR BUSHING 联网科軸套筒	· '
F2-37P		PRESSER BAR	1
F2-38			1
F2-39			1
F2-44 PRESSER BAR LIFTING CAM CATCH 手提傳動桿 1 F2-45P PRESSER BAR LIFTING LINK SCREW螺釘 1 F2-46P BED PLATE SCREW 螺釘 4 F2-47 BED PLATE 半圓角板 1 F2-49-2 THROAT PLATE 針板(小2點) 1 F2-49-4 THROAT PLATE 針板(大2點) 1 F2-50 BED SLIDE 角板 1 F2-51 BED SLIDE SPRING 角板下夾片 1 F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布齒(2) 1		PRESSER FOOT (HINGED) (CPI) 联盼细	1
F2-45P PRESSER BAR LIFTING LINK SCREW螺釘 1 F2-46P BED PLATE SCREW 螺釘 4 F2-47 BED PLATE 半圓角板 1 F2-49-2 THROAT PLATE 針板(小2點) 1 F2-49-4 THROAT PLATE 針板(大2點) 1 F2-50 BED SLIDE 射板 1 F2-51 BED SLIDE SPRING 角板下夾片 1 F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布齒(2) 1		PRESSER BAR LIFTING CAM CATCH	1
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F2-47 BED PLATE 半圓角板 1 F2-49-2 THROAT PLATE 針板(小2點) 1 F2-49-4 THROAT PLATE 針板(大2點) 1 F2-50 BED SLIDE 角板 1 F2-51 BED SLIDE SPRING 角板下夾片 1 F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布崗(2) 1			1
F2-49-2 THROAT PLATE 針板(小2點) 1 F2-49-4 THROAT PLATE 針板(大2點) 1 F2-50 BED SLIDE 角板 1 F2-51 BED SLIDE SPRING 角板下夾片 1 F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布齒(2) 1			1
F2-49-4 THROAT PLATE 針板(大2點) 1 F2-50 BED SLIDE 角板 1 F2-51 BED SLIDE SPRING 角板下夾片 1 F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布齒(2) 1			1
F2-50 BED SLIDE 角板 1 F2-51 BED SLIDE SPRING 角板下夾片 1 F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布齒(2) 1		THROAT PLATE 針板(大2里い	1
F2-51 BED SLIDE SPRING 角板下夾片 1 F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布齒(2) 1			1
F2-52P BED SLIDE SPRING SCREW 螺釘 2 F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布齒(2) 1			1
F2-53P FEED DOG SCREW 螺釘 2 F2-54-2 FEED DOG (2) 送布齒(2) 1			2
F2-54-2 FEED DOG (2) 送布齒(2) 1	F2-53P		
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NEEDLE BAR MECHANISM-FEED MECHANISM

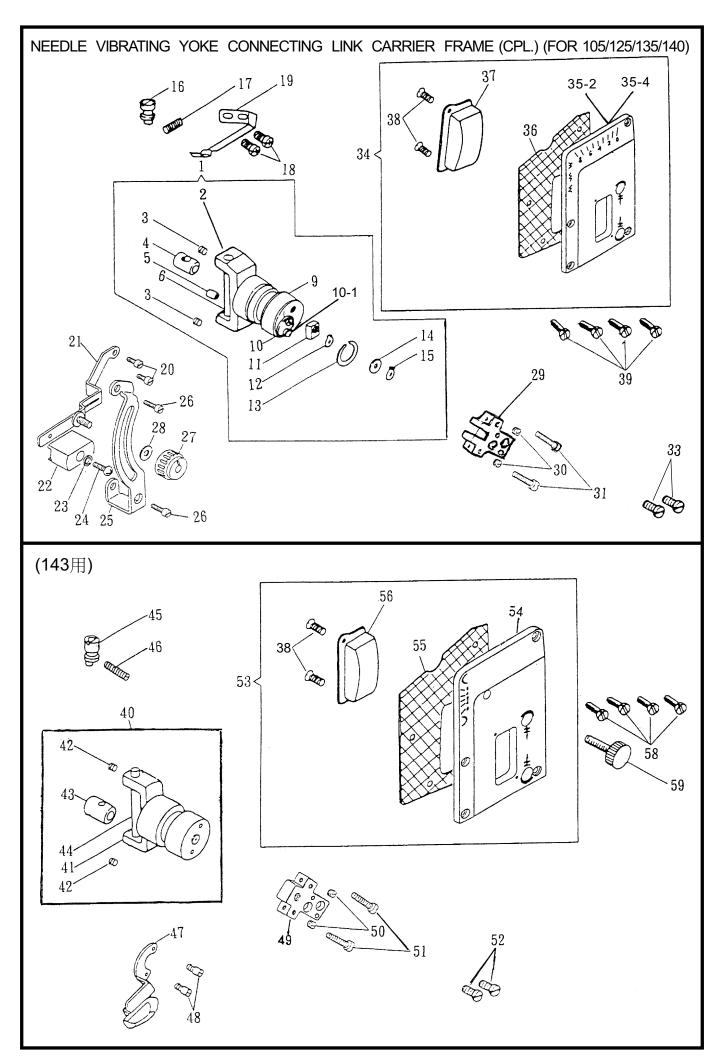
F. NO.部件編 F3-01	DESCRIPTION 説明 NEEDLE BAR YOKE (ASS;Y) 針柱組	QTY. 需求
F3-01	NEEDLE BAR TORE (ASS,T) 對性組 NEEDLE BAR OIL FELT CORD 固定線	1
F3-03	NEEDLE BAR OIL FELT 油棉	2
F3-04	NEEDLE BAR YOKE 針柱台	1
F3-04-1	NEEDLE BAR BUSHING 針柱台滑軸	1
F3-04-2	FIXED BLOCK 針柱套筒	2
F3-04-3	NEEDLE BAR SHAFT BUSHING 固定塊	2
F3-05	NEEDLE GOOD FRAME 針柱	1
F3-05-2	NEEDLE BAR 針棒框	1
F3-06	NEEDLE BAR YOKE SHAFT BUSHING (FRONT) 滑軸套筒(前)	1
F3-07	NEEDLE BAR YOKE SHAFT BUSHING (BACK) 滑軸套筒(後)	111
F3-08	NEEDLE BAR CONNECTING STUD GUIDE BLOCK 針柱行程導塊	1
F3-09P	NEEDLE BAR CONNECTING STUD GUIDE BLOCK SCREW 螺釘	2
F3-10	NEEDLE BAR YOKE GUIDE (FRONT) (CPL.) 頂栓組	
F3-11	NEEDLE BAR YOKE GUIDE (FRONT) 頂栓(長)	1
F3-12	NEEDLE BAR YOKE GUIDE SEAL 橡膠圈	2
F3-13P	NEEDLE BAR YOKE GUIDE SET SCREW 螺釘	2
F3-14 F3-15	NEEDLE BAR YOKE GUIDE (REAR) (CPL.) 頂栓組 NEEDLE BAR YOKEGUKDE (REAR) 頂栓(短)	1
F3-15 F3-16P	NEEDLE BAR TOREGORDE (REAR) [具性(短)	1
F3-10F	NEEDLE SET SCREW 螺釘	+ +
F3-171	NEEDLE BAR THREAD GUIDE 渦線片	1
F3-10	NEEDLE #10 針	1
F3-19	NEEDLE BAR CONN. LINK (CPL.) 移位推柄組	1
F3-21	NEEDLE BAR CONN. LINK 移位推柄	1
F3-22	NEEDLE BAR CONN. LINK HINGE STUD 軸栓	1
F3-23	NEEDLE BAR CONN. LINK HINGE STUD SNAP RING E型扣環	2
F3-24-1	HOOK SHAFT 固定軸心	1
F3-24-2	SWINGING SLIDE 擺動滑板	1
F3-24-3	ECCENTRIC 偏心塊	2
F3-24-4	ECCENTRIC FERRULE 偏心塊環圈	2
F3-24-5	HOOK SHAFT 固定軸心	1
F3-24-6	PIN 固定銷	2
F3-26	NEEDLE BAR CONN. LINK STUD 插栓	
F3-27	NEEDLE BAR CONN. LINK HINGE BEARING 連結套	1
F3-27-1	BUSHING 套筒(銅)	2
F3-28P	NEEDLE BAR CONN. LINK HINGE BEARING SCREW 螺釘	1
F3-29-2	NEEDLE VIBRATING ECC. SHAFT GEAR 齒輪	1
F3-30P	NEEDLE VIBRATING ECC. SHAFT GEAR SET SCREW 螺釘	2
F3-31P	NEEDLE VIBRATING CAM SHAFT BUSHING SCREW 螺釘 NEEDLE VIBRATING CAM SHAFT BUSHING (FRONT) 軸套	1 1
F3-32 F3-33	NEEDLE VIBRATING CAM SHAFT BUSHING (FRONT) 軸雲	1
F3-34	NEEDLE VIBRATING CAM SHAFT BUSHING (BACK)	1
F3-35P	NEEDLE VIBRATING CAM SHAFT BUSHING SCREW 螺釘	2
F3-36	NEEDLE VIBRATING CAM SHAFT OIL HOLE PLUG 橡膠塞	1
F3-37	NEEDLE VIBRATING CAM SHAFT BUSHING PLUG 橡膠塞	1
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F4

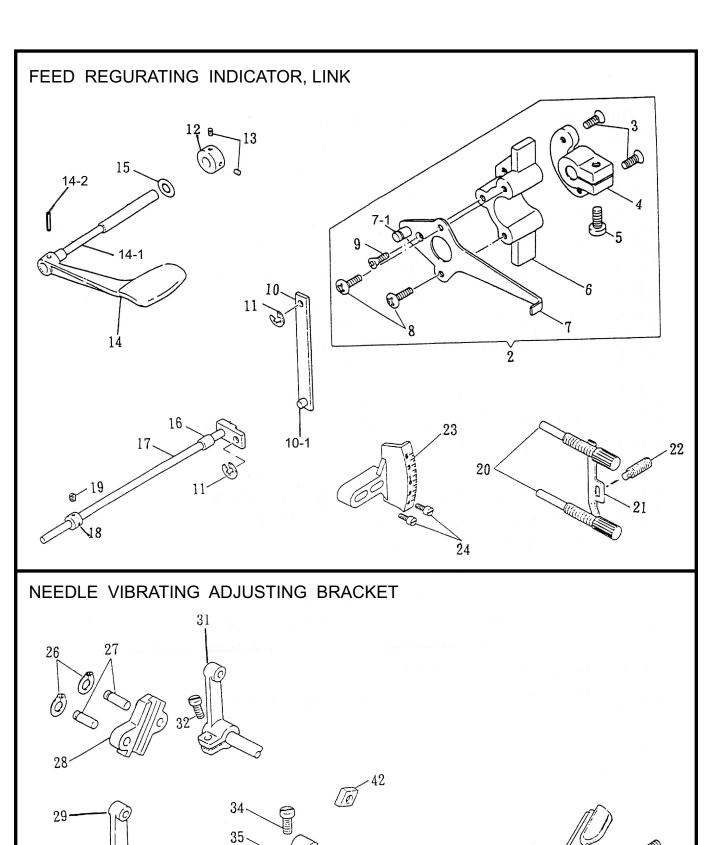
PULLY MECHANISM

REF. NO.部件編號	DESCRIPTION 說明	QTY. 需求量
F4-01	NEEDLE BAR CONN. LINK (CLP.) 移位推柄組	
F4-02	NEEDLE BAR CONN. LINK 移位推柄	1
F4-04 F4-05	NEEDLE VIBRATING CAM ROLLER BEARING CAGE 滾針軸承 NEEDLE VIBRATING CAM ROLLER 軸承套	2
F4-05 F4-06	NEEDLE VIBRATING CAN ROLLER 軸承長 NEEDLE BAR YOKE CONN. LINK SNAP RING 墊圈	2 4
F4-06-1	NEEDLE BAR CONN. LINK HINGE STUD SNAP RING E型扣環	1
F4-07	NEEDLE VIBRATING CAM ROLLER GUIDE (CPL.) 導軌座	1
F4-07-1	NEEDLE VIBARTING CAM SHAFT 固定軸心	1
F4-08W	NEEDLE VIBRATING CAM (ECC.) NUT 螺母	1
F4-09	NEEDLE VIBRATING CAM ROLLER WASHER 墊圈	<u>i</u>
F4-10	NEEDLE VIBRATING CAM ROLLER STUD (ECC.) 雙頭螺栓	1
F4-11	NEEDLE VIBRATING CAM ROLLER WASHER 墊圈	1
F4-12	NEEDLE BAR CONN. LINK HINGE STUD 軸栓	1
F4-13	NEEDLE BAR CONN. LINK HINGE STUD SNAP RING E型扣環	2
F4-14	NEEDLE BAR CONN. LINK HINGE BEARING 連結套	1
F4-15P	NEEDLE BAR CONN. LINK HINGE BEARING SCREW 螺釘	1
F4-16	NEEDLE VIBRATING CAM SHAFT BUSHING (BACK) 崁入軸套	1
F4-17	NEEDLE VIBRATING CAM SHAFT BUSHING (BACK) 軸套墊圈	1
F4-18P	NEEDLE VIBRATING CAM SHAFT BUSHING SCREW 螺釘	2
F4-19	NEEDLE VIBRATING CAM SHAFT BUSHING CAP 橡膠塞	1
F4-20	NEEDLE VIBRATING CAM SHAFT BUSHING (FRONT) 軸承	1
F4-21P	NEEDLE VIBRATING CAM SHAFT BUSHING SCREW 螺釘	1
F4-22	NEEDLE VIBRATING CAM 花樣凸輪	1
F4-23P	NEEDLE VIBRATING CAM SET SCREW 螺釘 NEEDLE VIBRATING WORM WHEEL 齒輪	2
F4-24-2	NEEDLE VIBRATING WORM WHEEL 図軸 NEEDLE VIBRATING WORM WHEEL SCREW 螺釘	
F4-25P F4-26P	NEEDLE VIBRATING WORM WHEEL SCREW 螺釘 NEEDLE VIBRATING WORM WHEEL DISC SCREW 螺釘	2 3
F4-20F	NEEDLE VIBRATING CAM SHAFT SLIDE BLOCK 四方滑塊	1
F4-27 F4-28	NEEDLE VIBRATING CAM SHAFT 电心	1
F4-29	NEEDLE VIBRATING CAM SHAFT OIL HOLE PLUG 橡膠塞	1
F4-30	NEEDLE VIBRATING CAM SHAFT BUSHING PLUG 橡膠塞	1
F4-31	NEEDLE BAR CONN. LINK (CPL.)	'
F4-32	NEEDLE BAR CONN. LINK	1
F4-33	NEEDLE BAR CONN. LINK HINGE STUD (ECC.)	1
F4-34	NEEDLE BAR CONN. LINK HINGE STUD SNAP RING	1
F4-35P	NEEDLE BAR CONN. LINK HINGE STUD SCREW	1
F4-36	NEEDLE BAR CONN. LINK HINGE BEARING FELT	1
F4-37	NEEDLE BAR CONN. LINK HINGE BEARING	1
F4-38P	NEEDLE BAR CONN. LINK HINGE BEARING SCREW	1
F4-39	NEEDLE BAR CONN. LINK PIN	1
F4-40	NEEDLE BAR CONN. LINK DRIVING LEVER LINK	1
F4-41P	NEEDLE BAR CONN. LINK SCREW	1
F4-42	NEEDLE BAR CONN. LINK RETAINING RING	2
F4-43	NEEDLE BAR CONN. LINK PIN	
F4-44	NEEDLE BAR CONN. LINK DRIVING LEVER	1
F4-45P	NEEDLE BAR CONN. LINK SCREW	1
F4-46	Z/Z CAM FOLLOWER LEVER SHAFT BUSHING	1
F4-47 F4-48	Z/Z CAM FOLLOWER LEVER SHAFT (CPL.) Z/Z CAM FOLLOWER LEVER SET SCREW	1
F4-40 F4-49	Z/Z CAM FOLLOWER LEVER SET SCREW	1
F4-49	Z/Z CAM FOLLOWER ROLLER THRUST WASHER	4
F4-50 F4-51	Z/Z CAM FOLLOWER ROLLER	2
F4-51 F4-52W	Z/Z CAM FOLLOWER ROLLER NUT	2
F4-53	Z/Z CAM FOLLOWER LEVER (CPL.)	
F4-54	Z/Z CAM FOLLOWER ROLLER HINGE STUD WASHER	1
F4-55	Z/Z CAM FOLLOWER ROLLER HINGE STUD (ECC.)	1
F4-56	NEEDLE VIBRATING WORM WHEEL	1
F4-57P	NEEDLE VIBRATING WORM WHEEL SCREW	2
F4-58P	NEEDLE VIBRATING WORM WHEEL DISC SCREW	3
F4-59	NEEDLE VIBRATING CAM	1
F4-60P	NEEDLE VIBRATING CAM SCREW	1
F4-61P	NEEDLE VIBRATING CAM (BACK) SCREW	2
F4-62	NEEDLE VIBRATING CAM SHAFT BUSHING (BACK)	1
F4-63	NEEDLE VIBRATING CAM SHAFT COLLER	1
F4-64P	NEEDLE VIBRATING CAM SHAFT COLLER SCREW	2
F4-65	NEEDLE VIBRATING CAM SHAFT BUSHING	1
F4-66	NEEDLE VIBRATING CAM SHAFT BUSHING CAP	1
F4-67P	NEEDLE VIBRATING CAM SHAFT BUSHING SCREW	1
F4-68	NEEDLE VIBRATING CAM SHAFT	1
F4-69	NEEDLE VIBRATING CAM SHAFT OIL HOLE PLUG	1
F4-70	NEEDLE POSITION FING ADJ. HOLE PLUG NEEDLE VIBRATING CAM SHAFT BUSHING PLUG	1
F4-71	INCLUDE VIDRATING CAIVI SHAFT DUSHING PLUG	1



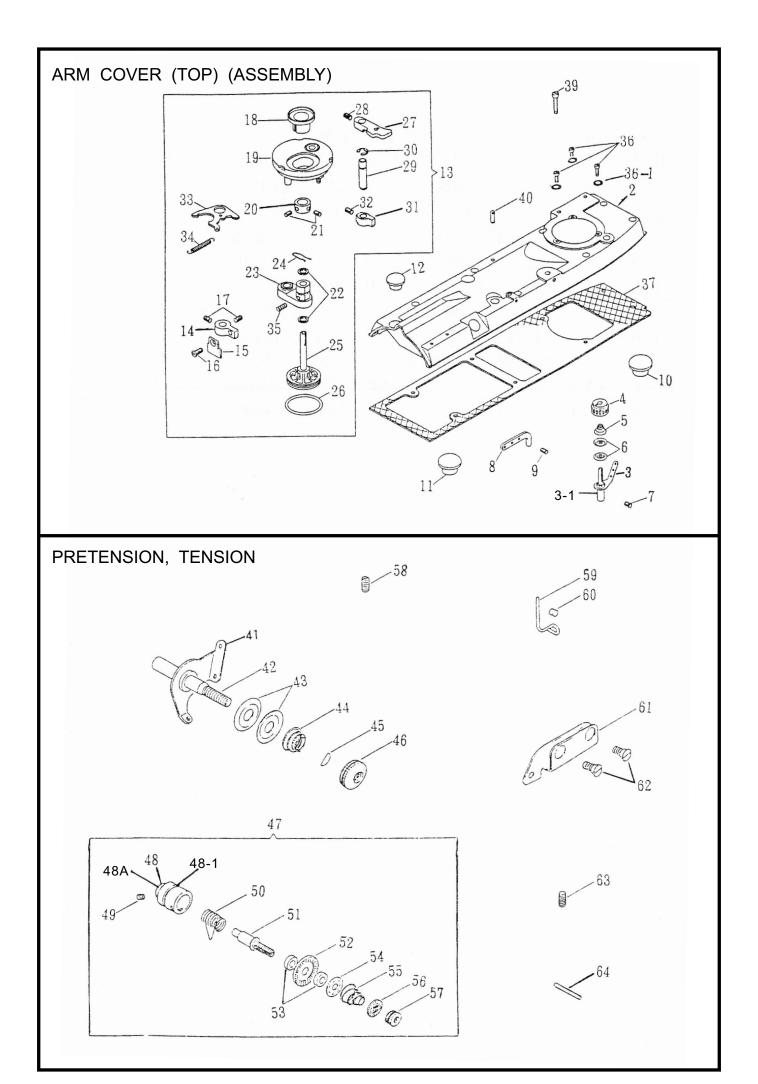
PRESSER BAR MECHANISM

	AN IVIEUTANIOIVI	
REF. NO.部件編號	DESCRIPTION 說明	QTY. 需求量
F5-01	NEEDLE BISRATING YOKE. CARRIER FRAME. ADJ. BUSHING 幅度定位組	
F5-02	NEEDLE BISRATING YOKE. LINK CARRIER FRAME 擺動座	1 1
F5-03P	NEEDLE BISRATING YOKE. LINK CARRIER FRAME SCREW 螺釘	2
F5-04	NEEDLE BISRATING YOKE. LINK SCIDE BEARING 滑軸	1 1
F5-05	NEEDLE BISRATING YOKE. LINK CARRIER FRAME STUD 橡膠塞	1 1
F5-06	NEEDLE BISRATING YOKE. LINK SLIDE STUD 固定軸	1 1
F5-09	NEEDLE POSITION ADJ. ECC. BUSHING (LARGE) 偏心凸輪	1 1
F5-10	NEEDLE POSITION ADJ. ECC. BUSHING (SMALL) 偏心凸輪內軸	1 1
F5-10-1	PIN 插栓	1
F5-11	NEEDLE POSITION ADJ. ECC. BUSHING (SMALL) 滑塊	1
F5-12	NEEDLE POSITION ADJ. ECC. BUSHING (SMALL) 墊圈	1
F5-13	NEEDLE POSITION ADJ. ECC. BUSHING (SMALL) 扣環	2
F5-14	NEEDLE VIBRATING YOKE CONN. CUP SPRING 墊圈	1 1
<u>F5-15</u>	NEEDLE VIBRATING YOKE CONN. SNAP RING 扣環	1 1
<u>F5-16</u>	NEEDLE POSITION ADJ. CAM REGULATING STUD 調節螺栓	1
F5-17P	NEEDLE POSITION ADJ. SCREW 螺釘	1
<u>F5-18P</u>	NEEDLE POSITION ADJ. SCREW 螺釘	2
F5-19	NEEDLE POSITION ADJ. ECC. POSITION SPRING 固定彈片	1
F5-20P	NEEDLE POSITION ADJ. ECC. STOP SCREW 螺釘	2
F5-21	NEEDLE POSITION (FINE POSITION) ADJ. LEVER 擺幅調節柄	1 1
F5-22	NEEDLE POSITION (FINE POSITION) ADJ. LEVER 塑膠提柄	1 1
F5-23	NEEDLE POSITION SCREW WASHER 墊圈	1
<u>F5-24P</u>	NEEDLE POSITION SCREW. 螺釘	1 1
F5-25	NEEDLE POSITION (FINE POSITION) ADJ. LEVER BRACKET 擺幅調節架	1
<u>F5-26P</u>	NEEDLE POSITION SCREW. 螺釘	2
F5-27	NEEDLE POSITION (FINE POSITION) ADJ. LEVER KNOB. 調節螺母	1 1
F5-28	NEEDLE POSITION (FINE POSITION) ADJ. WASHER 墊圈	1
F5-29	NEEDLE POSITION ADJ. ECC. SLIDE BLOCK BRACKET (CPL) 定幅滑塊座	1
F5-30P	NEEDLE POSITION SCREW. 螺釘	2
F5-31P	NEEDLE POSITION ADJ. CAM STOP SCREW 螺釘	2
<u>F5-33P</u>	NEEDLE POSITION SCREW. 螺釘	2
F5-34	ARM COVER (FRONT) (CPL.)	
<u>F5-35-2</u>	SCALE DIVISION KNEADING BOARD 擺幅刻度面板(2)	1
F5-35-4	SCALE DIVISION KNEADING BOARD 擺幅刻度面板(4)	1 1
F5-36	ARM COVER (FRONT) GASKET 防油墊片	1 1
F5-37	STICH LENGTH INDICATOR PLATE WINDOW 目視鏡	1 1
F5-38P	TICH LENGTH INDICATOR PLATE WINDOW SCREW 螺釘	4
F5-39P	ARM COVER (FRONT) SCREW 螺釘	4
F5-40	NEEDLE BISRATING YOKE. CONN. LINK CARRIER FRAME (CPL)	
F5-41	NEEDLE BISRATING YOKE. LINK CARRIER FRAME	1
F5-42P	NEEDLE BISRATING YOKE. LINK CARRIER FRAME SCREW	2
<u>F5-43</u>	NEEDLE BISRATING YOKE. CONN. LINK SLIDE BEARING	1 1
<u>F5-44</u>	NEEDLE BISRATING YOKE. CONN. LINK SLIDE STUD	1 1
F5-45_	NEEDLE POSITION ADJ. CAM REGULAT STUD	1 1
<u>F5-46P</u>	NEEDLE POSITION ADJ. SCREW	1 1
F5-47	NEEDLE POSITION ADJ. LEVER	1 2
F5-48P	NEEDLE POSITION ADJ. ECC. STOP SCREW	2
F5-49	NEEDLE POSITION ADJ. ECC. SLIDE BLOCK BRACKET	1 2
<u>F5-50P</u>	NEEDLE POSITION ADJ. SET SCREW	2
F5-51P	NEEDLE POSITION ADJ. CAM STOP SCREW	2
<u>F5-52P</u>	NEEDLE POSITION ADJ. ECC. SCREW	2
F5-53	ARM COVER (FRONT) (CPL.)	1
F5-54	ARM COVER (FRONT), GASKET	1 1
F5-55	ARM COVER (FRONT), GASKET STITCH LENGTH INDICATOR PLATE WINDOW	1 1
F5-56	ARM CDVER (FRONT) SCREW	1 1
F5-58P	NEEDLE POSITION ASJUSTING CAM SET SCREW	4
F5-59	INCLUEL FUSITION ASSUSTING CAIN SET SUREW	1 1
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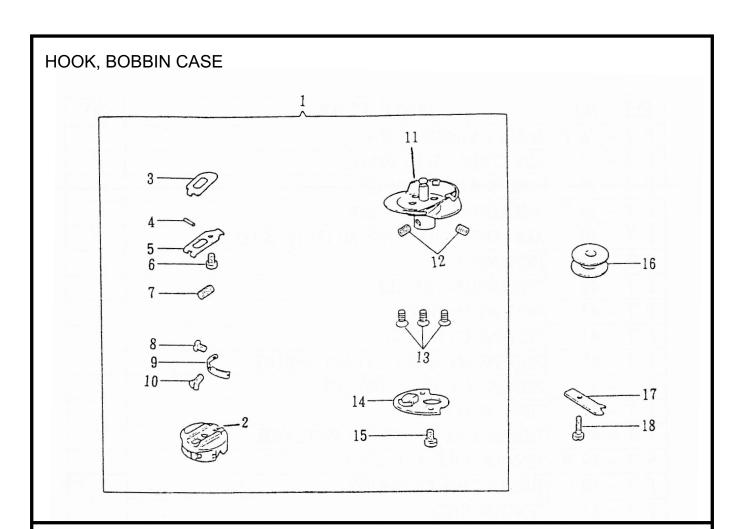
LOOPER MECHANISM

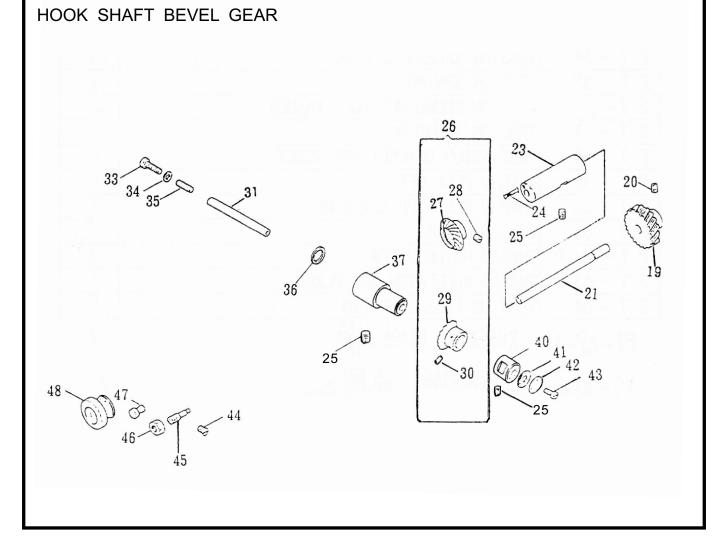
LOOPER ME	CHAMOM	
REF. NO.部件編號	DESCRIPTION 說明	QTY. 需求量
F6-02	FEED REGULATING INDICATOR (CPL.) 送布往返傳動組	
F6-03P	FEED REGULATING INDICATOR (BODY) SCREW 螺釘	2
F6-04	FEED REGULATING INDICATOR HUB 平衡座	1 1
F6-05P	FEED REGULATING INDICATOR HUB SCREW 螺釘 FEED REGULATING INDICATOR (BODY) 三叉限位塊	1 1
F6-06 F6-07	FEED REGULATING INDICATOR (BODT) 三文版位塊 FEED REGULATING INDICATOR PLATE (CPL.) 指位柄	1 1
F6-07-1	PIN 固定軸心	1 1
F6-08P	FEED REGULATING INDICATOR SCREW (LARGE) 螺釘	2
F6-09P	FEED REGULATING INDICATOR SCREW (SMALL) 螺釘	1
F6-10	FEED REGULATING INDICATOR LEVER CONNECTING LINK 連接片	1 1
F6-10-1 F6-11	PIN 栓 FEED REGULATING INDICATOR PLATE PIN RETAINER E型扣環	1 2
F6-12	FEED REGULATING INDICATOR FLATE FIN RETAINER L型组织 FEED REGULATING LEVER SHAFT COLLAR 固定圏	1
F6-13P	FEED REGULATING LEVER SHAFT COLLAR SET SCREW 螺釘	2
F6-14	FEED REGULATING LEVER 手壓柄	1
F6-14-1	HOOK SHAFT 固定軸心	1
F6-14-2	PIN 插銷 FEED REGULATING LEVER SHAFT O-RING 摯圈	1 1
F6-15 F6-16	FEED REGULATING LEVER SHAFT O-RING <u> </u>	1 1
F6-17	FEED REGULATING LEVER SHAFT 擺動軸	1
F6-18	FEED REGULATING LEVER SHAFT COLLAR 固定圏	1 1
F6-19P	FEED REGULATING LEVER SHAFT COLLAR SET SCREW 螺釘	2
F6-20	FEED REGULATING SHAFT INDICATOR STOP SCREW 調節螺釘	2
F6-21	FEED REGULATING SHAFT INDICATOR STOP SCREW SPRING 壓制板	1 1
F6-22P	FEED REGULATING RETAINING SPRING SCREW 定位螺釘 STITCH LENGTH INDICATOR PLATE 刻淮板	1 1
F6-23 F6-24P	STITCH LENGTH INDICATOR PLATE 刻進板 STITCH LENGTH INDICATOR PLATE SCREW 螺釘	1 2
F6-26	NEEDLE BAR YOKE CONN. SNAP RING E型扣環	2
F6-27	NEEDLE POSTION ADJ. ECC. BUSHING (SMALL) 固定栓	2
F6-28	NEEDLE VIBRATING ADJ. BRACKET 導向滑座	1
<u>F6-29</u>	NEEDLE VIBRATING ADJ. GUIDE CRANK 擺動連桿(左)	
F6-30P	NEEDLE VIBRATING AD L CRANK SET SCREW 螺釘	1 1
F6-31 F6-32P	NEEDLE VIBRATING ADJ. CRANK <u>擺動連桿(右)</u> NEEDLE VIBRATING CRANK PINCH SCREW 螺釘	1 1
F6-34P	NEEDLE VIBRATING CIVAINT INCIT SCINEW 螺釘	1
F6-35	NEEDLE VIBRATING ADJ. SHAFT CLAMPING BRACKET (UPPER) 夾片(上)	1
F6-36	NEEDLE VIBRATING ADJ. SHAFT CLAMPING BRACKET (LOWER) 夾片(下)	1
F6-37	NEEDLE VIBRATING ADJ. GUIDE CRANK SHAFT 軸心	1 1
F6-38P	NEEDLE VIBRATING ADJ. LEVER STOP SCREW (LEFT) 螺釘	2
F6-39W F6-40	NEEDLE VIBRATING ADJ. LEVER STOP SCREW NUT 螺母NEEDLE VIBRATING ADJ. SHAFT RETAINER 固定彈片	2
F6-41P	NEEDLE VIBRATING ADJ. SHAFT RETAINER SCREW 螺釘	+ 1
F6-42	NEEDLE VIBRATING ADJ. BRACKET SLIDE BLOCK 四方滑塊	1
F6-43	NEEDLE VIBRATING ADJ. CRANK SHAFT 軸心	1
F6-44	NEEDLE VIBRATING ADJ. LEVER (CPL.) 調節柄	1
F6-46P	NEEDLE VIBRATING ADJ. LEVER SCREW 螺釘	1
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UPPER THREADING MECHANISM

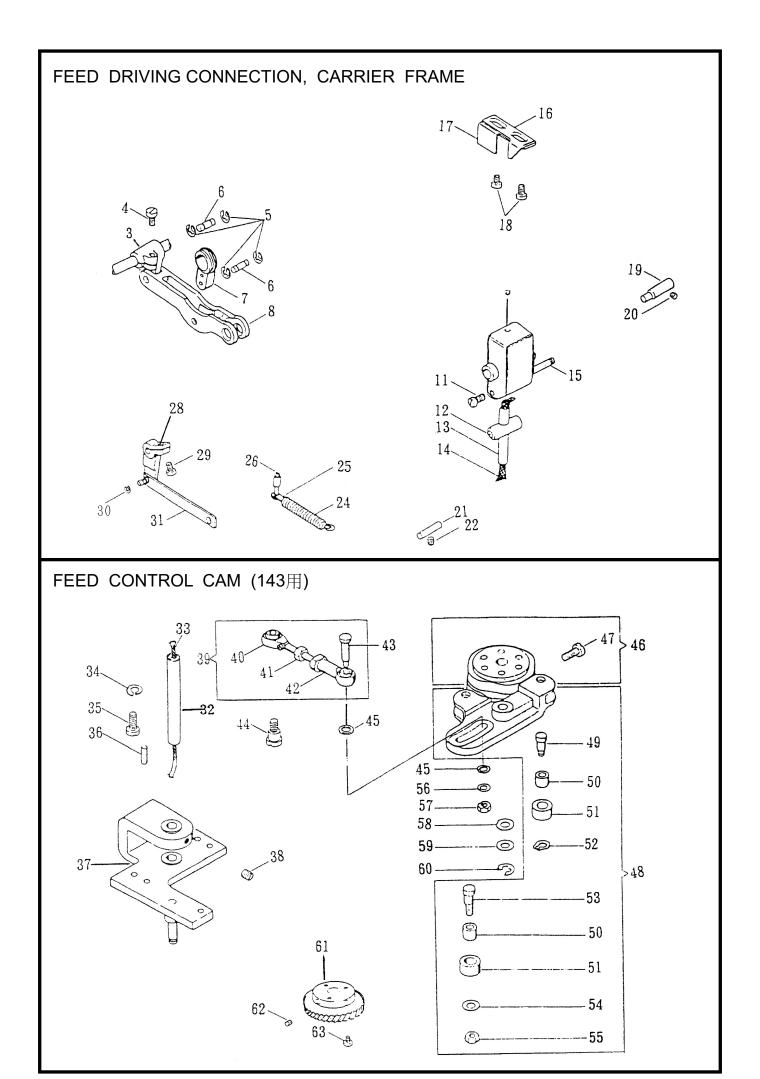
	VO.部件編號	DESCRIPTION 說明	QTY. 需求量
	F7-02	ARM COVER (TOP), GASKET 上蓋	1
	F7-03	BOBBIN WINDER TENSION 過線片	1
	F7-03-1	PIN 插銷	1
	F7-04	BOBBIN WINDER TENSION REGULATING THUMB NUT 調節螺母	1
	F7-05	BOBBIN WINDER TENSION SPRING 彈簧	1
	<u>F7-06</u>	BOBBIN WINDER TENSION DISC 沙拉片	2
	F7-07P	BOBBIN WINDER TENSION SCREW 螺釘	2
	F7-08	THREAD RETAINER (3-HOLES) 導線片	
	F7-09P	THREAD RETAINER (4-HOLES) SCREW 螺釘	
	F7-10	ARM COVER (TOP), PLUG (BACK) 塑膠塞	1
	F7-11	ARM COVER (TOP), PLUG (CENTER) 塑膠塞 PRESSER FOOT PRESSURE ADJ. HOLE PLUG 塑膠塞	1 1
	<u>F7-12</u> F7-13	BOBBIN WINDER (CPL.) 繞線組	
	<u>F7-13</u> F7-14	BOBBIN WINDER STOPPER 限位圏	1
	<u>F7-14</u> F7-15	BOBBIN WINDER STOPPER BOARD 限位輔助片	1
	F4-16P	BOBBIN WINDER STOPPER BOARD SCREW 螺釘	1 1
	F4-17P	BOBBIN WINDER STOPPER SCREW 螺釘	2
	F7-18	BOBBIN WINDER SPINDLE THREAD GUARD 儲線器納座	1
	F7-19	BOBBIN WINDER (BODY) 繞線架	1
	F7-20	BOBBIN WINDER SHAFT COLLAR 固定圏	 i
	F7-21P	BOBBIN WINDER SHAFT COLLAR SCREW 螺釘	2
	F7-22	BOBBIN WINDER SHAFT FRICTION WHEEL WASHER 橡膠圈	2
	F7-23	BOBBIN WINDER SHAFT BUSHING 繞線輪支架	1
	F7-24	BOBBIN WINDER SHAFT FRICTION WHEEL SPRING 彈簧	1
	F7-25	BOBBIN WINDER SHAFT FRICTION WHEEL (BODY) 繞線輪	1
	F7-26	BOBBIN WINDER SHAFT FRICTION WHEEL RING 橡膠圈	1
	F7-27	BOBBIN WINDER LEVER 測量柄	1
	F7-28P	BOBBIN WINDER LEVER SCREW 螺釘	1
	F7-29	BOBBIN WINDER LEVER STUD 轉軸	1
	F7-30	BOBBIN WINDER LEVER STUD LINK LOCK WASHER E型扣環	1
	F7-31	BOBBIN WINDER REGULATOR 限位輔助片	1
	F7-32P	BOBBIN WINDER REGULATOR SCREW 螺釘	1
	F7-33	BOBBIN WINDER BRACKET ACTUATING PLATE 卡位片	1
	F7-34	BOBBIN WINDER SPRING 彈簧	1
	F7-35P	BOBBIN WINDER SHAFT BUSHING SPRING 螺釘	1
	F7-36P	BOBBIN WINDER SCREW 螺釘	3
	F7-36-1	WASHER <u>墊</u> 圈 ARM COVER (TOP) GASKET 上蓋墊片	3
	<u>F7-37</u> F7-39P	ARM COVER (10P) GASKET 上蓋至月 ARM COVER (TOP) SCREW 螺釘	8
	F7-39P F7-40	ARM COVER (TOP) SCREW 螺釘 ARM COVER (TOP) THREAD GUIDE STUD 定位插銷	0
	୮7-40 F7-41	PRETENSION 過線架	1 1
	F7-42	PRETENSION BRACKET 沙拉螺釘	1 1
	F7-43	PRETENSION DISC 沙拉片	2
	F7-44	PRETENSION SPRING 彈簧	1
	F7-45	PRETENSION ADJUSTING NUT SPRING 制動片	1
	F7-46	PRETENSION ADJUSTING NUT 調節螺釘	1
	F7-47	TENSION (CPL.) 上線張力調節組	· ·
	F7-48	THREAD TAKE-UP SPRING REGULATOR 沙拉座	1
	F7-48-1	RUBBER RING 橡膠環	1
	F7-48A	RUBBER RING 橡膠蓋	1
	F7-49P	TENSION STUD SET SCREW 螺釘	1
	F7-50	THREAD TAKE-UP SPRING 彈簧	1
	F7-51	TENSION STUD 沙拉螺栓	1
	F7-52	TENSION FELT WASHER 張力鎖片	1
	<u>F7-53</u>	TENSION WHEEL 彈力墊圈	3
	<u>F7-54</u>	TENSION RELEASING DISC 彈簧下鎖圈	1
	F7-55	TENSION SPRING 彈簧	1
	<u>F7-56</u>	TENSION THUMB NUT LOCK WASHER 彈簧制動圈	1
	F7-57	TENSION THUMB NUT 調節螺母	1 1
	F7-58P	PRETENSION BRACKET SET SCREW 螺釘	1 1
	F7-59	THREAD PULL OFF 導線勾	1
	F7-60P	THREAD PULL OFF SET SCREW 螺釘	1 1
	<u>F7-61</u> F7-62P	THREAD GUIDE 線導板 THREAD GUIDE SCREW 螺釘	1 2
	<u>F7-62P</u> F7-63P	THREAD GOIDE SCREW 螺動 THREAD REGULATOR SET SCREW 螺钉	1
	<u>F7-63P</u> F7-64	TENSION RELEASING PIN 頂銷	1
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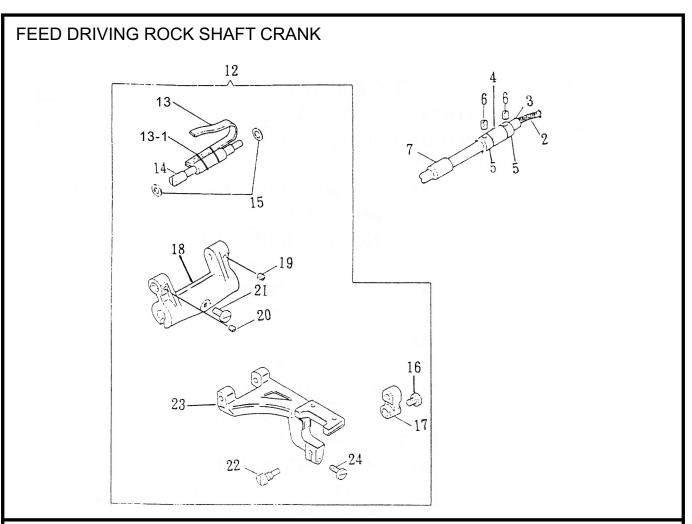
LOWER THREADING MECHANISM

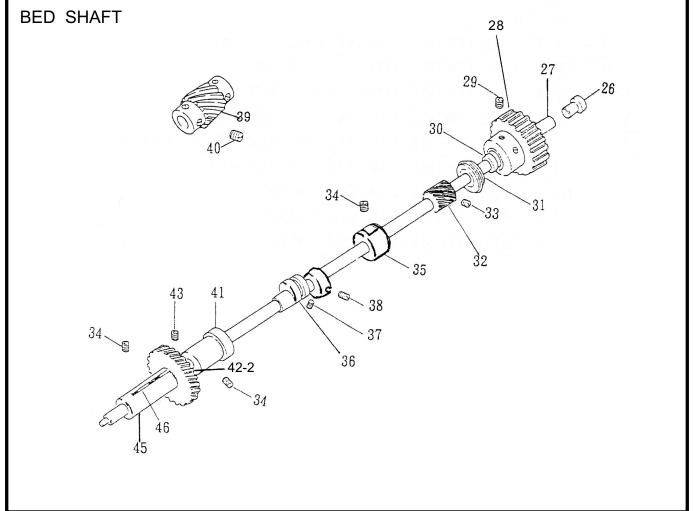
REF. NO.部件編號		QTY. 需求量
F8-01	HOOK AND BOBBIN CASE (CPL.) 旋梭組	
F8-02	BOBBIN CASE CAP 旋梭蓋	1
F8-03	BOBBIN CASE LATCH LEVER 旋梭蓋閂	1 1
F8-04	BOBBIN CASE LATCH PIN 銷	1
F8-05	BOBBIN CASE LATCH 旋梭蓋鎖片	1
F8-06P	BOBBIN CASE LATCH STOP SCREW 螺釘	1
F8-07P	BOBBIN CASE LATCH SPRING 螺釘	1
F8-08P	BOBBIN CASE CAP TENSION SPRING SCREW 螺釘	1
F8-09	BOBBIN CASE CAP TENSION SPRING 張力壓片	1
F8-10P	BOBBIN CASE CAP TENSION SPRING SCREW 螺釘	1
F8-11	HOOK 旋梭主體	1
F8-12P	HOOK SET SCREW 螺釘	2
F8-13P	HOOK GIB SCREW 螺釘	3
F8-14	HOOK NEEDLE GUARD AND COUNTERBALANCE 旋梭平衡片	1
F8-15P	HOOK NEEDLE GUARD AND COUNTERBALANCE SCREW 螺釘	1 1
F8-16	BOBBIN 儲線器	1 1
F8-17	BOBBIN CASE STOP 旋梭定位片	1
	DODDIN CASE STOP 配核足位片	
F8-18P	BOBBIN CASE STOP SCREW 螺釘	
F8-19	HOOK DRIVING SHAFT HELICAL GEAR 齒輪	1
F8-20P	HOOK DRIVING SHAFT HELICAL GEAR SET SCREW 螺釘	2
E7-21	HOOK DRIVING SHAFT 軸心	1
F8-23	HOOK DRIVING SHAFT BUSHING 旋梭供油軸套	1
F8-24	HOOK DRIVING SHAFT BUSHING WICK 油蕊	1
F8-25P	BED SHAFT BUSHING SET SCREW 螺釘	3
F8-26	A PAIR OF BEVEL GEARS 傘型齒輪組	
F8-27	HOOK DRIVING SHAFT BEVEL GEAR 傘型齒輪	1
F8-28P	HOOK DRIVING SHAFT BEVEL GEAR SET SCREW 螺釘	2
F8-29	HOOK SHAFT BEVEL GEAR 傘型齒輪	1
F8-30P	HOOK SHAFT BEVEL GEAR SET SCREW 螺釘	2
F8-31	HOOK SHAFT 軸心	1
F8-33P	HOOK SHAFT OIL FILTER WICK HOLDER 螺釘	1
F8-34	HOOK SHAFT OIL FILTER WICK HOLDER SEAL 橡膠圈	<u> </u>
F8-35	HOOK SHAFT OIL FILTER FELT 油棉	1
F8-36	HOOK SHAFT BUSHING (BACK) OIL SEAL 橡膠圈	1 1
	HOOK SHAFT BUSHING (BACK) 軸套	- I
F8-37 F8-40	HOOK SHAFT BUSHING (BACK) 軸套	<u> </u>
F8-41	HOOK SHAFT BUSHING CAP GASKET 墊圈	
F8-42	HOOK SHAFT BUSHING CAP 固定圏	1
F8-43P	HOOK SHAFT BUSHING (FRONT) CAP SCREW 螺釘	3
F8-44P	HOOK OIL BYPASS SCREW 螺釘	
F8-45	HOOK OIL REGULAING SCREW 調節螺釘	1
F8-46W	HOOK OIL BYPASS SCREW LOCK NUT 螺母	1
F8-47	HOOK SHAFT GEAR BOX PLUG 塑膠塞	1
F8-48	HOOK GEAR BOX VENT CAP 塑膠塞	1
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LOWER SHAFT MECHANISM-GAUGE PARTS

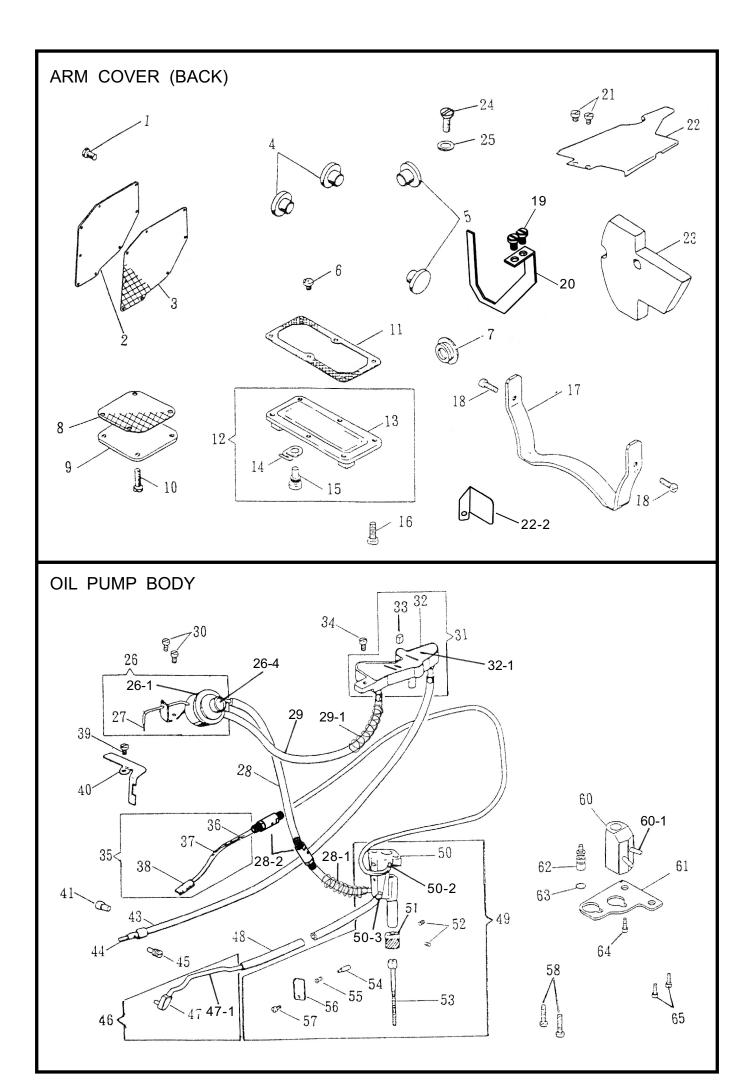
	號 DESCRIPTION 說明	QTY. 需求
F9-03	FEED DRIVING CONN. CRANK 送料曲柄	1
F9-04P	FEED DRIVING CONN. CRANK PINCH SCREW 螺釘	1
F9-05	FEED DRIVING CONN. LEVER HINGE PIN RETAINER E型扣環	4
F9-06	FEED DRIVING CONN. LEVER HINGE PIN 插栓	2
F9-07	FEED DRIVING CONN. LINK 軸套傳動柄	1
F9-08	FEED DRIVING CONN. LEINK 報告 序動的 FEED DRIVING CONN. LEVER 送料驅動連桿	1 1
	FEED DRIVING CONN. CEVER 医科驅動建作 FEED DRIVING CONN. CARRIER FRAME 送料驅動導程塊	1
F9-09		1
F9-11P	NEEDLE POSITION ADJ. ECC. SCREW 螺釘	111
F9-12	FEED DRIVING CONN. LEVER SLIDE BEARING 銅滑塊	1
F9-13	FEED DRIVING CONN. CARRIER FRAME SLIDE STUD 軸心	1
F9-14	FEED DRIVING CONN. OIL WICK 油棉	1
F9-15	FEED DRIVING CONN. LEVER FRAME SPRING STUD 縣掛栓	1
	FEED DRIVING CONN. LEVER FRAME STOP (BACK) 限位板(上)	+ +
F9-16		- !
F9-17	FEED DRIVING CONN. LEVER FRAME STOP (FRONT) 限位板(下)	1
F9-18P	FEED DRIVING CONN. LEVER FRAME STOP SCREW 螺釘	2
F9-19	FEED DRIVING CONN. BEARING STUD (RIGHT) 偏心軸心	1
F9-20P	FEED DRIVING CONN. BEARING STUD SCREW (RIGHT) 螺釘	1
F9-21	FEED DRIVING CONN. BEARING STUD (LEFT) 軸心	1
	FEED DRIVING CONN. BEARING STUD SCREW (LEFT) 螺釘	+ +
F9-22P		
F9-24	FEED DRIVING CONN. LEVER FRAME SPRING 彈簧	1
F9-25	FEED DRIVING CONN. LEVER FRAME SPRING RETAINER 彈簧崁片	1
F9-26	FEED DRIVING CONN. LEVER FRAME SPRING STUD 懸掛栓	1
F9-28	FEED DRIVING CONN. SHAFT CRANK LINK (CPL.) 連動拉桿	
F9-29P	FEED DRIVING CONN. SHAFT CRANK PINCH SCREW 螺釘	1
F9-30	FEED DRIVING CONN. RETAINING RING E型扣環	1 1
		1 1
F9-31	FEED DRIVING CONN. SHAFT CRANK LINK 連接柄	1
F9-32	FEED CONTROL CAM SHAFT	1
F9-33	FEED CONTROL CAM SHAFT OIL WICK	1
F9-34	FEED CONTROL CAM MTG. LOCK WASHER	3
F9-35P	FEED CONTROL CAM MOUNTING BRACKET SCREW	3
F9-36	FEED CONTROL CAM MTG. BRACKET DOWEL PIN	2
F9-37	FEED CONTROL CAM MTG. BRACKET	1
		1 1
F9-38P	FEED CONTROL CAM MTG. BRACKET SET SCREW	1
F9-39	FEED CONTROL CONN. (CPL.)	
F9-40	FEED CONTROL CONN. BALL JOINT (MALE)	1
F9-41	FEED CONTROL CONN. LOCK NUT	1
F9-42	FEED CONTROL CONN. BALL JOINT (FEMALE)	1
F9-43	FEED CONTROL CONN. ADJ. SCREW	1 1
F9-44P	FEED CONTROL CONN. HINGE SCREW	1
F9-44F	FEED CONTROL CONN. ADJ. SCREW	2
F9-46	FEED CONTROL CAM (CPL.)	
F9-47P	FEED CONTROL CAM SET SCREW	2
F9-48	FEED CONTROL CAM FOLLOWER (CPL.)	
F9-49	FEED CONTROL CAM FOLLOWER ARM HINGE PIN	1
F9-50	FEED CONTROL CAM FOLLOWER ROLLER NEEDLE BEARING	2
F9-51	FEED CONTROL CAM FOLLOWER ROLLER	2
F9-52	FEED CONTROL CAM FOLLOWER ROLLER ARM PIN RING	1
	FED CONTROL CAM FOLLOWER BOLLER ADMILING CORTW	
F9-53P	FEED CONTROL CAM FOLLOWER ROLLER ARM HINGE SCREW	1
F9-54	FEED CONTROL CAM FOLLOWER ROLLER ARM SPRING WASHER	1
F9-55W	FEED CONTROL CAM FOLLOWER ROLLER ARM RETAINING NUT	1
F9-56	FEED CONTROL CONN. ADJ. WASHER	1
F9-57W	FEED CONTROL CONN. ADJ. SCREW NUT	1
F9-58	FEED CONTROL CAM FOLLOWER ROLLER ARM WASHER	1 1
F9-50 F9-59	FEED CONTROL CAM FOLLOWER ROLLER ARM SPRING WASHER	1 1
F9-60	FEED CONTROL CAM FOLLOWER ROLLER ARM RING	1
F9-61	FEED CONTROL CAM SHAFT WHEEL	111
F9-62P	FEED CONTROL CAM SHAFT WHEEL SET SCREW	1
F9-63P	FEED CONTROL CAM SHAFT WHEEL DISC SCREW	3
		1





GAUGE PARTS(DP)

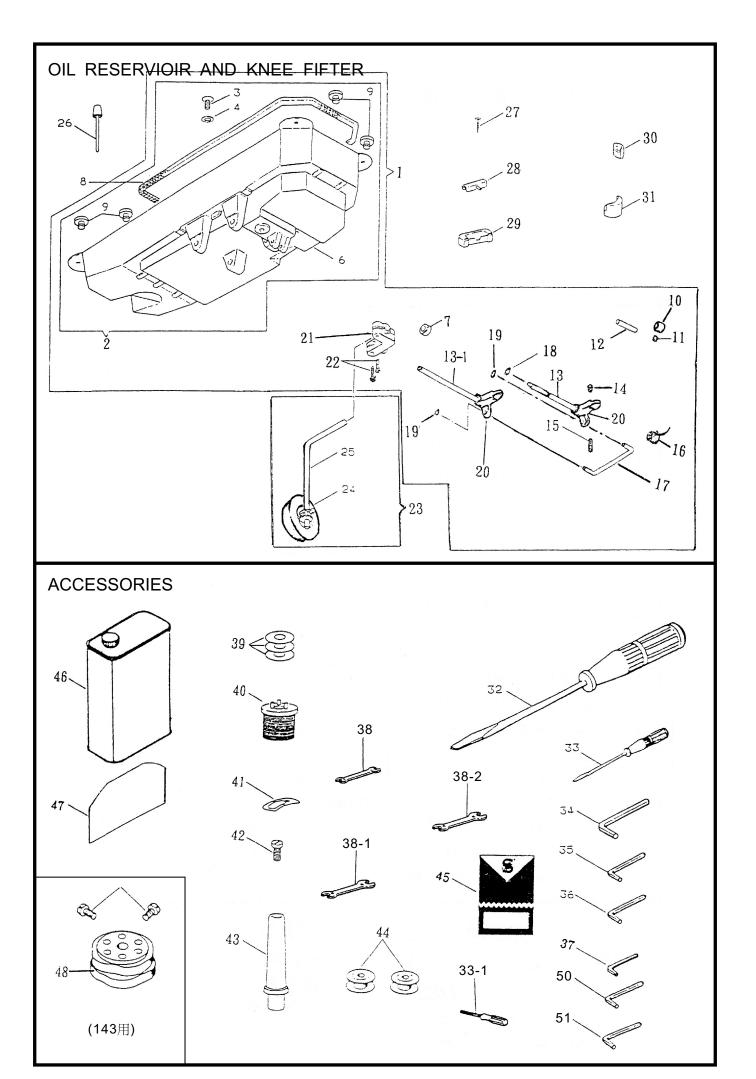
GAUGE PAR	13(DP)	
REF. NO.部件編號	DESCRIPTION 說明	QTY. 需求量
F10-02	FEED DRIVING ROCK SHAFT OIL WICK 油蕊	1
F10-03	FEED DRIVING ROCK SHAFT 軸心	1
F10-04	FEED DRIVING ROCK SHAFT BUSHING (BACK) 軸套筒	1
F10-05	FEED DRIVING ROCK SHAFT COLLAR (CPL.) 固定圈	2
F10-06P	FEED DRIVING ROCK SHAFT COLLAR SET SCREW 螺釘	4
F10-00F	FEED DRIVING ROCK SHAFT BUSHING (CENTER) 軸套筒	1
F10-07 F10-12	FEED DRIVING ROCK SHAFT CRANK (ASS'Y) (CPL.) 送布牙台組	
	FEED BAR HIGE PIN FELT 油棉	1
F10-13	TYING A BELT 東帶	
F10-13-1	TTING A BELL 東帝 FEED BAR HIGE PIN 調節軸	2
F10-14		1
F10-15	FEED BAR HIGE PIN WASHER 整圈	2
F10-16P	FEED BAR LIFTING LINK HINGE PIN CAP SCREW 螺釘	
F10-17	FEED BAR LIFTING LINK 八字連結	
F10-18	FEED DRIVING ROCK SHAFT CRANK 送布牙台架	
F10-19P	FEED BAR HIGE PIN SET SCREW (LONG) 螺釘	1
F10-20P	FEED BAR HIGE PIN SET SCREW (SHORT) 螺釘	1
F10-21P	FEED DRIVING ROCK SHAFT CRANK SCREW 螺釘	1
F10-22P	FEED BAR LIFTING LINK HINGE PIN 調節螺釘	1
F10-23	FEED BAR (CPL.) 送布牙台	1
F10-24P	FEED BAR FIFTING LINK HING SCREW 螺釘	1
F10-26	BED SHAFT PLUG 橡膠塞	1
F10-27	BED SHAFT 下主軸	1
F10-27	BED SHAFT CONN. BELT PULLEY (CPL.) 同步皮帶輪	1
F10-28 F10-29P	BED SHAFT CONN. BELT PULLEY SHT SCREW 螺釘	7
F10-29P F10-30	BED SHAFT CONN. BELT PULLEY SPACER 固定圈	1
	BED SHAFT BALL BEARING 軸承	1 1
F10-31	OIL PUMP DRIVING GEAR (CPL.) 蝸桿齒輪	1 1
F10-32	OIL F UNIT DRIVING GEAD SCREW/ 網栓	1 1
F10-33P	OIL PUMP DRIVING GEAR SCREW 螺釘	2
F10-34P	BED SHAFT BUSHING SET SCREW 螺釘	3
F10-35	BED SHAFT BUSHING (BACK) 軸套筒(中)	11
F10-36	FEED DRIVING ECC. (CPL.) 傳動凸輪	1
F10-37P	FEED DRIVING ECC. SET SCREW 螺釘	11
F10-38P	FEED DRIVING ECC. POSITION SCREW 螺釘	1
F10-39	BED SHAFT WORM (CPL.) 蝸桿齒輪(4)	1
F10-40P	BED SHAFT WORM SET SCREW 螺釘	4
F10-41	BED SHAFT BUSHING (CENTER) 軸套筒(前)	1
F10-42-2	BED SHAFT GEAR 齒輪	1
F10-43P	BED SHAFT GEAR SET SCREW 螺釘	2
F10-45	BED SHAFT BUSHING (FRONT) 軸套筒	1
	BED SHAFT BUSHING (FRONT) WICK 油蕊	1
F10-46	DED STALL BOSTIINO (LINONT) WISIN 油版	
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F11

PULLER DEVICE MECHANISM

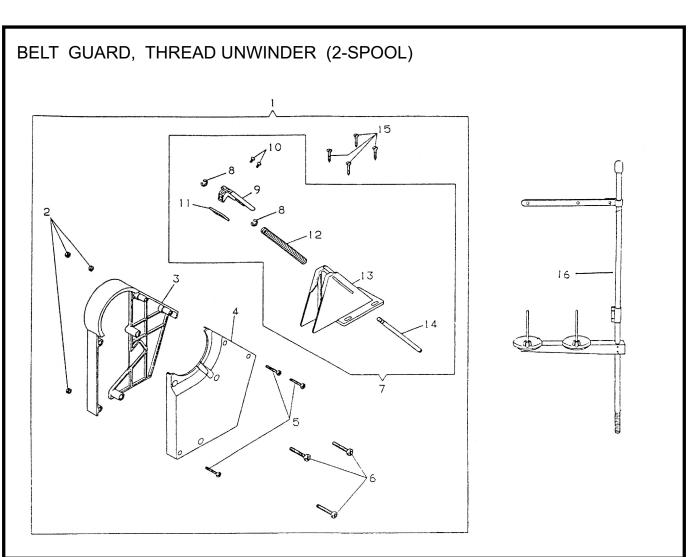
	VIOL WEOTANION	
REF. NO.部件編別		QTY. 需求量
F11-01P	ARM COVER (BACK) SCREW 螺釘	8
F11-02	ARM COVER (BACK), GASKET (CPL.) 側蓋	$\frac{1}{4}$
F11-03	ARM COVER (BACK), GASKET 側蓋墊片	1
F11-04	BED PLUG (REAR) 橡膠塞	2
F11-05	BED PLUG (FRONT) 橡膠塞	2
<u>F11-06P</u>	SCREW 螺釘	1
F11-07	FEED REGULATING SHAFT HOLE PLUG 橡膠塞	111
F11-08	HOOK SHAFT GEAR BOX COVER GASKET 下蓋墊片	1
F11-09	HOOK SHAFT GEAR BOX COVER 下蓋	1
F11-10P	HOOK SHAFT GEAR BOX COVER SCREW 螺釘	4
F11-11	BED SHAFT GEAR BOX COVER GASKET 下鋁蓋墊片	1
F11-12	BED SHAFT GEAR BOX COVER (CPL.) 下鋁蓋組	
F11-13	BED SHAFT GEAR BOX COVER 下鋁蓋	1
F11-14	FEED BAR HINGE PIN OILING FELT CLAMP 彈片	1 1
F11-15P	BED SHAFT GEAR BOX COVER DRAIN SCREW 調節螺釘	
F11-16P	BED SHAFT GEAR BOX COVER SCREW 螺钉	6
F11-17	MACHINE LEG 機體支架	1
F11-18P	MACHINE LEG SCREW 螺釘	2
F11-19P	ARM OIL SHIELD RETAINER SCREW 螺釘	2
F11-20	ARM OIL SHIELD RETAINER 固定片	1
F11-21P	OIL GUARD SCREW 螺釘	2
F11-22	OIL GUARD COVER 擋油蓋	1
F11-22-1	ARM OIL SHIELD 擋油毯	1
F11-22-2	OIL GVARD COVER 擋油蓋	1 1
F11-23	ARM OIL SHIELD 擋油毯	1
F11-24P	EARTH WIRE SCREW 螺釘	1
F11-25	EARTH WIRE SCREW WASHER 墊圈	1
F11-26	OIL SIGHT BODY 油壺組	
	OIL SIGHT BODY 油료組 OIL SIGHT WINDOW 油鏡	1 1
F11-26-1		1 1
F11-26-4	GLIB 油嘴(銅)	1
F11-27	OIL SIGHT WICK 油蕊	1
F11-28	OIL DELIVERY TUBE 油管	11
F11-28-1	SPRING COIL 彈簧圈	1
F11-28-2	CHECK VALVE 逆止閥	2
F11-29	OIL RETURN TUBE UPPER (SHORT) 油管	1
F11-29-1	SPRING COIL 彈簧圈	1
F11-30P	OIL SIGHT BODY SCREW 螺釘	2
F11-31	OIL DISTRIBUTOR PLATE (CPL.) 儲油器組	
F11-32	OIL DISTRIBUTOR PLATE 儲油器	1
F11-32-1	MODELS THE EARPIECE 塑膠蓋	1
F11-32-1	OIL DISTRIBUTOR PLATE FOAM PAD 栓	
	OIL DISTRIBUTOR PLATE FOAM FAD 住 STRIBUTOR PLATE SCREW 螺钉	1
F11-34P		
F11-35	OIL REMOVING TUBE, OIL REMOVING LINT SCREEN (CPL.) 回油組	1
F11-36	OIL REMOVING TUBE (CPL.) 油蕊	1
F11-37	OIL REMOVING TUBE WIRE 銅線	1
F11-38	OIL REMOVING LINT SCREEN 油棉	1
F11-39P	HEAD END OIL DRAIN WICK CLAMP SCREW 螺釘	1
F11-40	ARM MEAD OIL DRAIN WICK CLAMP (FRONT) 固定片	1
F11-41	BED SHAFT BUISHING OIL HOLE PLUG 橡膠塞	1
F11-43	OIL RETURN TUBE LOWER (LONG)油管	1
F11-44	OIL RETURN TUBE 油管接頭	1
F11-45P	OIL RETURN TUBE SCREW 螺釘	1 1
F11-46	HOOK SHAFT GEAR BOX OIL PIPE (CPL.) 油管接頭組	'
F11-40	HOOK SHAFT GEAR BOX OIL PIPE CONNECTOR 油管接頭	1
F11-47-1	COPPER PIPE 銅管	1
		•
F11-48	HOOK SHAFT GEAR BOX OIL PIPE TUBE 油管	111
F11-49	OIL PUMP BODY (ASS'Y) 油泵組	
F11-50	OIL PUMP BODY 油泵	1
F11-50-2	COPPER PIPE 銅管	2
F11-50-3	COPPER PIPE 銅管	1
F11-51	OIL PUMP GEAR 齒輪	1
F11-52P	OIL PUMP GEAR SCREW 螺釘	2
F11-53	OIL PUMP SCREW SHAFT 油泵軸	1
F11-54	OIL REMOVING PUMP PISTON 活動栓	1
F11-55	OIL REMOVING PUMP PISTON SPRING 彈簧	1
F11-56	OIL REMOVING PUMP PISTON SPRING BRACKET 壓封片	1
F11-57P	OIL REMOVING PUMP PISTON SPRING BRACKET SCREW 螺釘	1 1
F11-58P	OIL PUMP MOUNTING SCREW 螺釘	2
F11-60	HOOK OIL FLOW REGULATING VALVE. PIPE (CPL.) 回油器	1
F11-60-1	COPPER PIPE 銅管	1
F11-61	HOOK OIL FLOW REGULATING VALVE. BRACKET 固定片	1
F11-62	HOOK OIL FLOW REGULATING VALVE. 調節栓	1
F11-63	HOOK OIL FLOW REGULATING VALVE. ORING 橡膠圈	1
F11-64P	HOOK OIL FLOW REGULATING VALVE. SCREW 螺釘	1
F11-65P	HOOK OIL FLOW REGULATING VALVE. BRACKET SCREW 螺釘	2
<u> </u>		

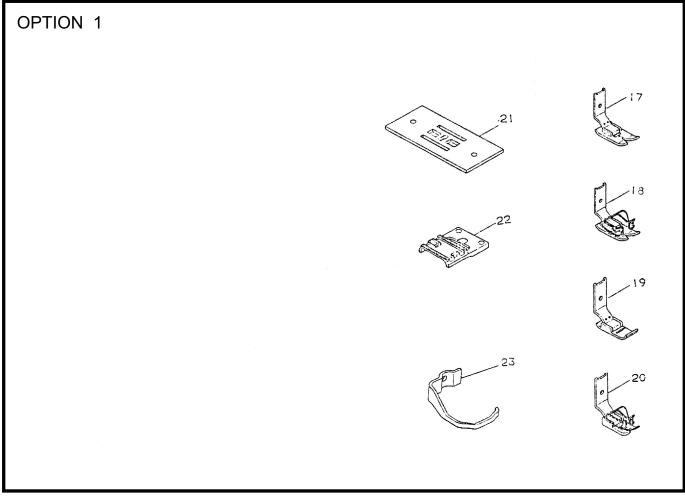


F12

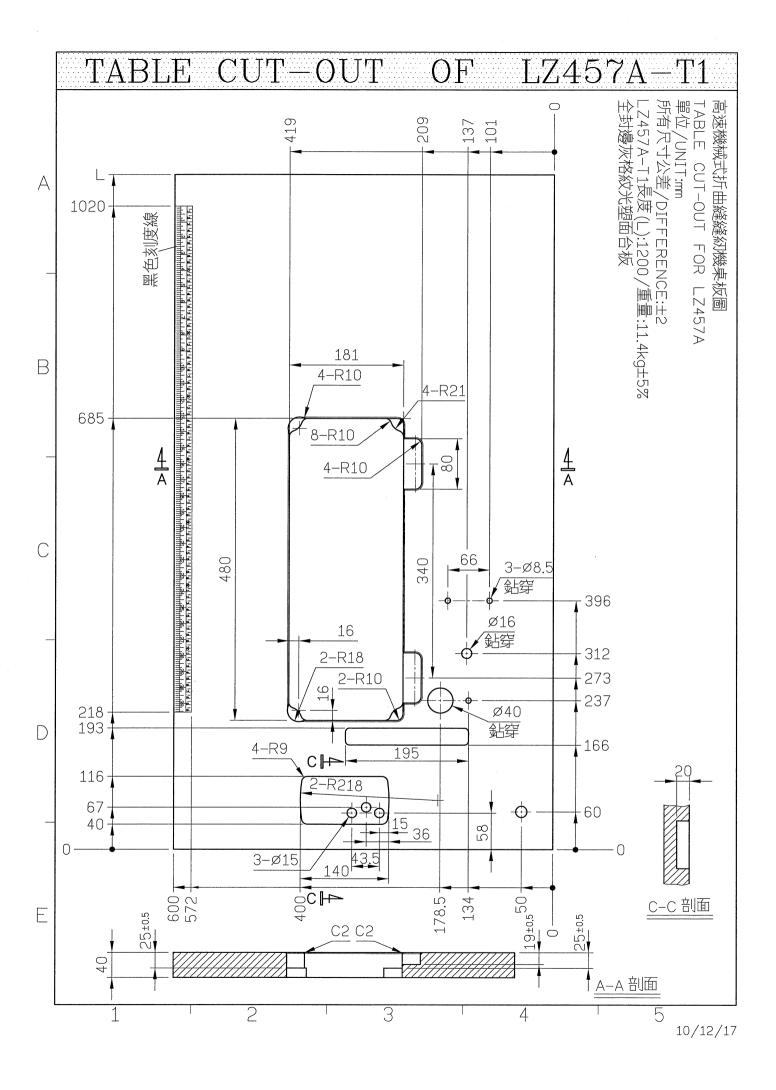
ACCESSORIES

ACCESSORII	E8	
REF. NO.部件編號	DESCRIPTION 說明	QTY. 需求量
F12-01	OIL RESERVOIR AND KNEE LIFTER (ASS'Y) 油盤及膝提組	Z.:: III3(II
F12-02	OIL RESERVOIR (CPL.) 油盤組	
F12-03P	OIL RESERVOIR DRAIN PLUG SCREW 螺釘	1
F12-04	OIL RESERVOIR DRAIN PLUG SCREW GASKET 橡膠圈	1
F12-04	OIL RESERVOIR 油盤	1
F12-00 F12-07	KNEE LIFTER ROCK SHAFT 摯圈	2
F12-08	OIL RESERVOIR CUSHION 油盤橡膠框	
F12-09	MACHINE BASE CUSHION 橡膠塞	
F12-10	FOOT CONTROL REVERSE FEED PIN COLLAR 固定圈	1
F12-11P	FOOT CONTROL REVERSE FEED PIN COLLAR SCREW 螺釘	11
F12-12	FOOT CONTROL REVERSE FEED LEVER PIN 軸心	1
F12-13	KNEE LIFTER CONTROL SHAFT 傳動軸	1
F12-13-1	KNEE LIFTER CONTROL SHAFT 傳動軸	1
F12-14P	KNEE LIFTER CONTROL SHAFT SCREW NUT 螺釘	1
F12-15P	KNEE LIFTER CONTROL SHAFT CRANK STOP SCREW 螺釘	1
F12-16	KNEE LIFTER RETURNING SPRING 彈簧	1
F12-17	KNEE LIFTER ROCK SHAFT CONNECTION 連結柄	1
F12-18	KNEE LIFTER CONTROL SHAFT CRIP RING 墊圈	2
F12-10	KNEE LIFTER ROCK SHAFT CONNECTION CRIP RING 藝圈	2
F12-20	KNEE LIFTER ROCK SHAFT 傳動柄	2
F12-21	KNEE LIFTER ROCK SHAFT HIB 驅動桿	1
F12-22P	KNEE LIFTER ROCK SHAFT HUB PINCH SCREW 螺釘	2
F12-23	KNEE LIFTER KNEE PLATE. ARM (CPL.) 膝提器組	
F12-24	KNEE LIFTER KNEE PLATE. (CPL.) 塑膠提器	1
F12-25	KNEE LIFTER KNEE PLATE. ARM 連結柄	1
F12-26	KNEE LIFTER PLUNGER 膝提頂柱	1
F12-27	MACHINE HINGE CONN. CUSHION WIRE NAIL 螺釘	6
F12-28	MACHINE HINGE CONN. 後鈕	2
F12-29	MACHINE HINGE CONN. CUSHION 後鈕橡膠框	2
F12-30	MACHINE BASE OIL RESSERVOIR CUSHION (BACK) 橡膠墊	2
F12-30	MACHINE BASE OIL RESSERVOIR CUSHION (BACK) 橡膠室	2
F12-31	SCREW DRIVER (LARGE) 大起子	<u> </u>
	SCREW DRIVER (LANGE) 大起于 SCREW DRIVER (SMALL) 中起子	1
F12-33	SUREW DRIVER (SMALL) 中起于	1
F12-33-1	HEXAGON BOTTLEDPENER六角起子	
F12-34	HEXAGON WRENCH (4MM) L型六角扳手	1
F12-35	HEXAGON WRENCH (1/8 INCH) L型六角扳手	1
F12-36	HEXAGON WRENCH (3MM) L型六角扳手	1
F12-37	HEXAGON WRENCH (2MM) L型六角扳手	1
F12-38	WRENCH(#7) 梅花板手(#7)	1
F12-38-1	WRENCH(#8) 梅花板手(#8)	1
F12-38-2	WRENCH(#10) 梅花板手(#10)	1
F12-39	ANTISPILAGE SPACER 摯圈	3
F12-40	OIL FILTER WITH OIL FILTER MOUNTING SUPPORT 過濾器	1
F12-40	BOBBIN CASE ANTISPILAGE SPRING 電片	1
F12-41	ATTATCHMENT SCREW 螺釘	1
F12-42F		1
	REST PIN 木椿	
F12-44	BOBBIN 儲線器	2
F12-45	NEEDLE BAG 針	
F12-46	OIL CAN 油壺	1
F12-47	MACHINE COVER (EXP.) 擋油板	1
F12-48	FEED CONTROL CAM 確動凸輪	1
F12-49P	FEED CONTROL CAM SET SCREW 螺釘	2
F12-50	HEXAGON WRENCH L型六角扳手	1
F12-51	HEXAGON WRENCH L型六角扳手	1
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REF. NO.部件編號	DESCRIPTION 説明	QTY. 需求量
F13-01	BELT GUARD (CPL.) 皮帶輸護蓋組	~… 四小里
F13-01	BELT GUARD (CPL.) 及宿輔護蓋組 BELT GUARD SCREW NUT (M4) 螺母	2
F13-UZVV	DELI GUARD (LEET) 古典教芸/士)	3
F13-03	BELT GUARD (LEFT) 皮帶輪蓋(左)	1
F13-04	BELT GUARD (RIGHT) 皮帶輪蓋(右)	1
F13-05P	BELT GUARD SCREW(M4) 螺釘(短)	3
F13-06P	BELT GUARD SCREW(M5) 螺釘(長)	3
F13-07	ELT GUARD (BACK) (CPL.) 皮帶輪蓋架組	
F13-08	BELT GUARD SLIDE SHAFT SNAP RING C型扣環	2
F13-09	BELT GUARD SLIDE 壓板	1
	DELI GUARD SLIDE EM	1
F13-10P	BELT GUARD SLIDE SCREW 螺釘	2
F13-11	BELT GUARD SLIDE STOPPER PLATE 銷	1
F13-12	BELT GUARD SLIDE SPRING 彈簧	1
F13-13	BELT GUARD (BACK) 皮帶輪架	1
F13-14	BELT GUARD SLIDE SHAFT 調整螺栓	1
F13-15P	BELT GUARD (BACK) WOOD SCREW 木螺釘	4
F13-16	THREAD UNWINDER (2-SPOOL) (CPL.) 線架組	
F13-17	PRESSER FOOT 壓腳	1
	FNESSER FOOT EMP	1
F13-18	PRESSER FOOT 壓腳	1
F13-19	PRESSER FOOT 壓腳	1
F13-20	PRESSER FOOT 壓腳	1
F13-21	THROAT PLATE 針板	1
F13-22	FEED DOG 送布齒	1
F13-23	FINGER GUARD 護手	1
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LZ457A

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The specillcalion and/or appearences of the equipment described in this instruction book and parts llst are sublect tochange because of modification without previous notice.