

Sadu SS-1800
Sun Special / SUK

LK1900A/LK1903A SERIES

Computer-controlled High-Speed Bar Tacking Industrial
Sewing Machine/Lockstitch Button Sewing Machine

Operation Manual Accessory stylebook

semi

TAKEET ELECTRONIC

Operation Manual

CHAPTER 1	SAFETY REQUIREMENTS.....	2
1-1	BASIC REQUIREMENTS	2
1-2	SAFETY REQUIREMENTS FOR CABLES	3
1-3	INSULATIONS OF ELECTRICAL PARTS AND EQUIPMENTS	3
1-4	CONNECTION OF POWER WIRE	3
1-5	GROUNDING	4
CHAPTER 2	FEATURES AND SPECIFICATIONS	4
2-1	FEATURES.....	4
2-2	SPECIFICATIONS.....	4
CHAPTER 3	INTRODUCTION OF TYPES	5
CHAPTER 4	DIAGRAM AND EXPLANATION OF COMPUTER-CONTROLLED SYSTEM.....	6
CHAPTER 5	TABLE OF FUNCTION CODE.....	9
CHAPTER 6	OPERATION OF THE CONTROL SYSTEM	10
6-1	BASIC SKILLS	10
6-2	ADVANCED SKILLS	11
6-3	MEMORY PARAMETER SETTING.....	14
CHAPTER 7	MAINTENANCE.....	15
CHAPTER 8	TROUBLESHOOTING	16
APPENDIX 1		17
APPENDIX 2		18
APPENDIX 3		19

Before use, you are appreciated that you do read this manual carefully in order to operate the machine correctly and effectively. Please follow the instructions given in this operation manual. Our company shall not be held responsible for any loss caused by ill operation. Besides, you should keep well this manual for later use. Maintenance of the machine should only be carried out by technicians and specialists.

Chapter 1 Safety Requirements

1-1 Basic Requirements

In order to avoid fire, electrical shock or body injury, the following items must be strictly observed during operation.

 Notice	The non-specialist may not do the maintenance of the electrical parts, because it will cause unstable system and unnecessary loss. Maintenance should be carried out by specialists.
 Notice	Strictly follow each requirement and stay alert to each warning signs to ensure safety of life.
 Notice	Circuit board can be easily damaged by static, so disassembly by non-specialist is not allowed.
 Hazard	Do not open the circuit box while power on.
 Hazard	Don't use the machine if the running parts have no shields.
 Warning	If necessary, open the door of circuit box after switching off the power. And you must wait more than 1 minute to let the capacitors discharge before touching the circuit boards.
 Warning	Don't use parts that are not supplied or recommended by our company, for it will cause fire, electrical shock or other damages.
 Forbidding	Don't touch the running parts while embroidering.
 Forbidding	Don't expose the machine to humidity gas, poisonous gas, water and dust.
 Forbidding	Don't test the insulation of the circuit loop.
 Forbidding	Don't try to connect any equipment that can cause overloading to the plugs of the control box.

1-2 Safety Requirements for Cables

- (1) Any inappropriate cable connection may cause unstable running of the system, hazardous risk of electrical shock and severe damage to the machine. Therefore, you must be very cautious during operation.
- (2) Each cable (signal cable or power cord) should be confirmed well insulated.
- (3) Cables should be fixed appropriately. Special attentions should be paid as the cables go through sharp edges (for example, holes) to avoid abrasion. To enhance insulation ability, tubes or covers can be added to cables if necessary.

1-3 Insulations of Electrical Parts and Equipments

Before mounting the electrical parts and equipments, insulation of the live parts and their covers should be confirmed in good condition. The live parts include: main shaft motor, step motor, switch of power and all solenoids. Special attentions: insulation between windings and covers of the solenoids can be easily destroyed to cause short circuit. A 33 DC voltage may burn out the circuit board.

1-4 Connection of Power Wire

- (1) Use multimeter to confirm the type of power source, the results shall be in accordance with the nominal value. When the voltage fluctuation goes beyond the nominal value by -25% to 20%, a stabilized voltage power source with grounding line should be used.
- (2) To meet the safety requirements of this control system, do not share power source with such overload machines as elevator, because the power source will be greatly influenced by overload changing.
- (3) Secure the area where power wire is located.
- (4) Make sure that the power plug is installed properly.

1-5 Grounding

- (1) To prevent fire or electrical shock caused by leakage, over voltage, loss of insulation, etc;
 - (2) To ensure long-life and stable operation of the machine;
 - (3) Users should confirm: the machine should be well connected with the grounding wire.
- The grounding resistance should be less than 10Ω .

Chapter 2 Features and Specifications

2-1 Features

- The main shaft motor adopts our self-developed AC servo control technology, which provides stability and reliability for the machine.
- The step motor is driven by subdivision technique, which gives the machine a more stable operation and takes the sewing quality to a new level.
- New type switch power source suits the areas with unstable voltage, which ranges from 165V to 265V.
- The surface mount technology (SMT) is adopted in control board jointing to ensure good quality while reduce trouble rate.
- Pass the standard test, which greatly enhance the stability and reliability.

2-2 Specifications

- (1) Sewing range: X direction: 40mm, Y direction: 20mm
- (2) Max. sewing speed: 2700rpm (X less than 4.5mm, Y less than 3.5mm)
- (3) Stitch length: 0.1-10.0mm (can be adjusted in the range of 0.1mm)
- (4) Feeding cloth with work clamp foot: feeding the cloth step by step (step motor with

2-axis driver mode)

- (5) Memory of data: E² PROM(64K)
- (6) Zoom out/in: during embroidery, you can zoom out/in X or Y separately. 20%-200%
(unit: 1%)
- (7) How to realize zoom out/in: increase or cut the length of stitch
- (8) Sewing speed limit: with the speed reduction button, you can adjust the sewing speed within a range from 400 to 2700 rpm. (unit: 100rpm)
- (9) Design selecting: select designs 1 to 99 according to their numbers.
- (10) bobbin counter: to help inform when to change the bobbin. (max. 9999)
- (11) Saving: system will save all the designs automatically in case of sudden cut of electricity.
- (12) Motor: 400W servo motor
- (13) Power of the controller: 600VA
- (14) Working temperature range: 5°C to 35°C
- (15) Working humidity range: 35% to 85% (no dew)
- (16) Voltage of the power source: rated voltage of 220V with an error range from -25% to 20%; rated frequency of 50Hz with an error range from -10% to 10%.
- (17) Counterclockwise rotate to stop: after sewing, system will let needle bar rotate counterclockwise to stop.

Chapter 3 Introduction of Types

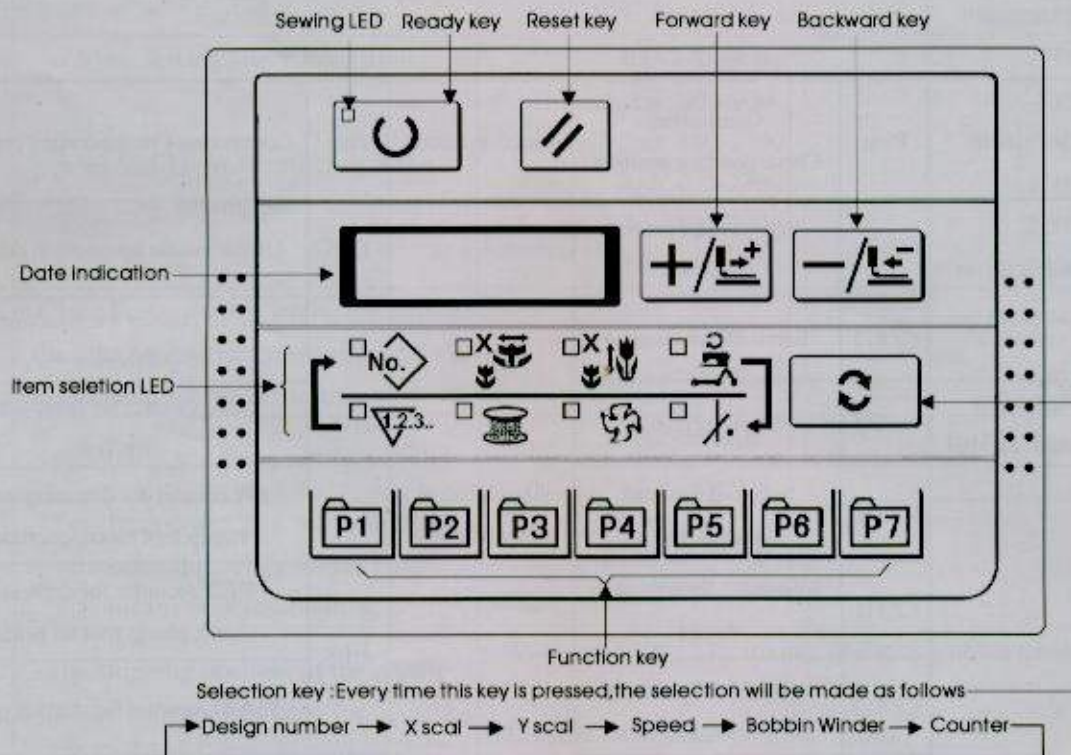
LK1900A Bar Tacking Industrial Sewing Machine (see appendix 1 and 2 for designs)

LK1903A Lockstitch Button Sewing Machine (see appendix 3 for designs)

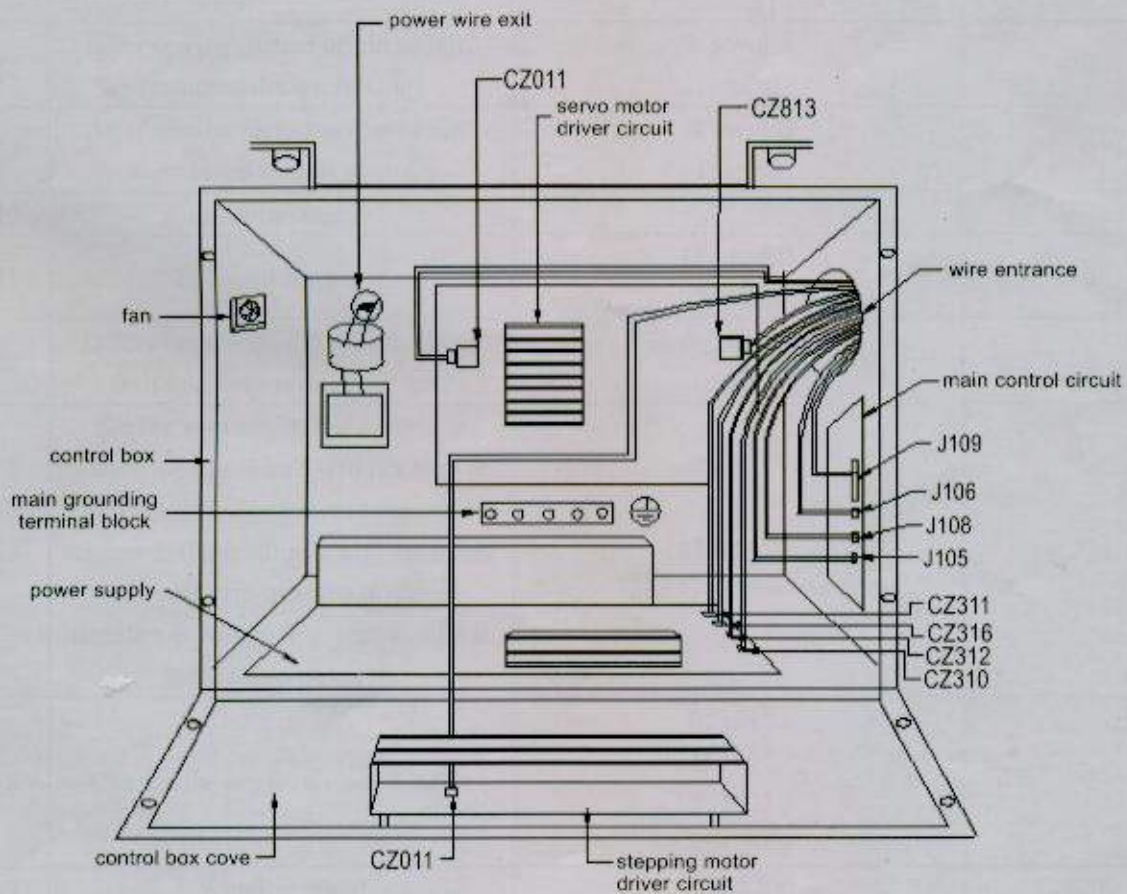
LK1900AC Bar Tacking Industrial Sewing Machine with minim oil in machine head

LK1900AH Thick Material Bar Tacking Industrial Sewing Machine

3. names of parts on the operation box:

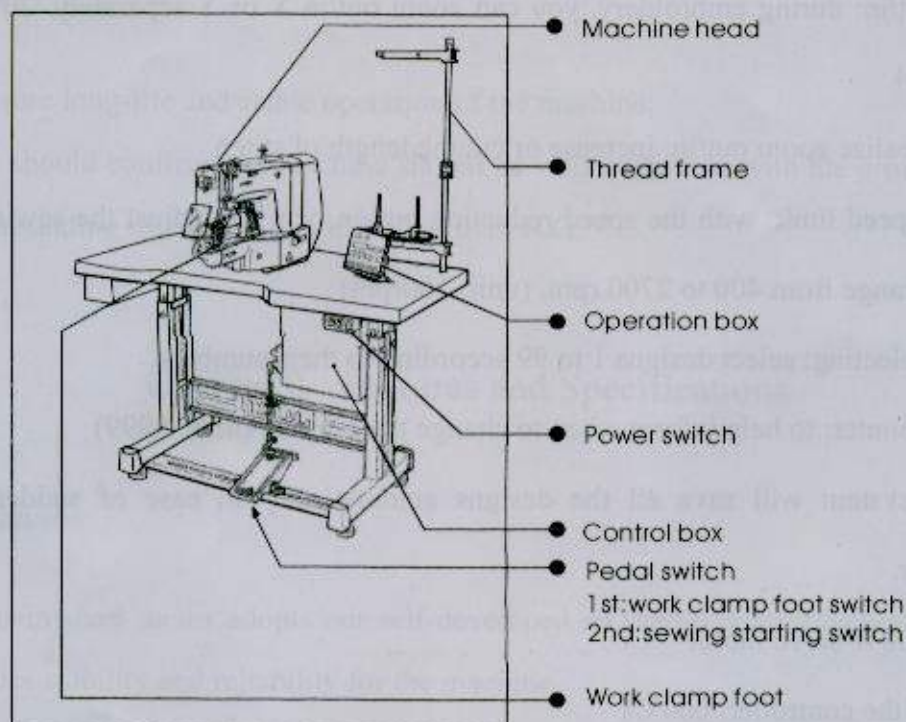


4. Control box cable is as follows :

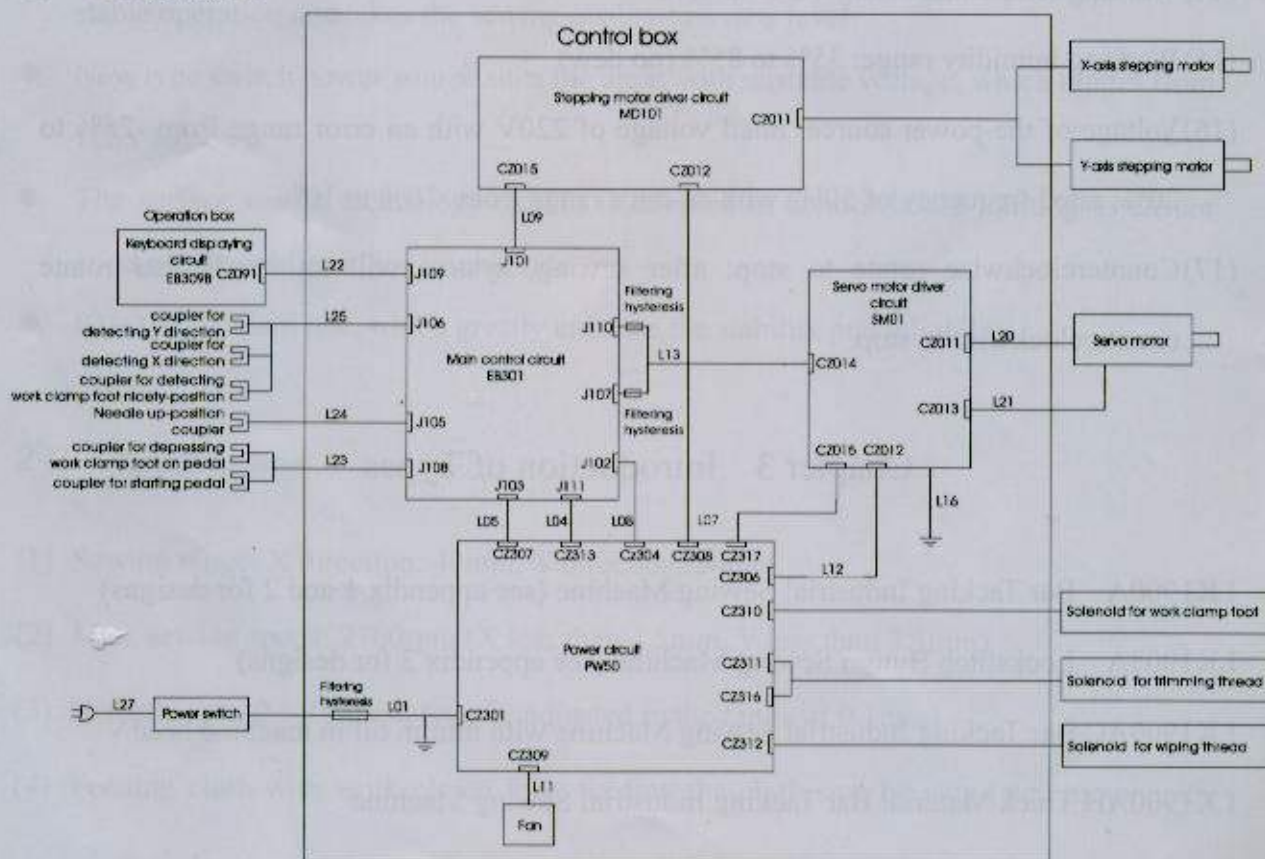


Chapter 4 Diagram and explanation of computer-controlled system

1. Names of main unit



2. wiring diagram



Chapter 5 Table of Function Code

No.	Function	Set value	Suggested Value
01	Max. sewing speed limitation	400-2700st.pm	2700
02	Speed of 1st to 5th stitches at the sewing start	1st: 400-900 2nd: 400-2700 3rd: 400-2700 4th: 400-2700 5th: 400-2700	400 900 1500 2000 2500
03	Close those designs which are larger than the sewing range to prevent work clamp foot to be destroyed.	0: close 1: open	
04	If zooming and max. setting is valid	0: invalid 1: valid	0
05	For the counter, plus mode means unit-counting, while minus mode means bobbin-counting.	0: plus mode 1: minus mode	0
06	The stopping position of the needle bar (not available for Variable-Frequency motor)	0: upper point (53°, middle of the needle position) 1: upper dead point (0°, the highest point of the needle position)	0
07	Set datum mark for zooming	0: origin 1: starting point	0
08	After sewing, detect origin or not? (standard design sewing)	0: invalid 1: valid	0
09	After sewing, detect origin or not? (combined design sewing)	0: invalid 1: valid	0
10	Not in use		
11	Solenoid for wiper	0: invalid 1: valid	0
12	Detect the solenoid for work clamp foot in nicety-position or not?	0: do not detect 1: detect	1
13	Set the stop angle. If the value is small, the upper axis will not stop in nicety-position and thread can not be trimmed; if the value is big, the upper axis will stop over the position, needle top will be low. (not available for servo motor)	220-250°	234
18	Change the angle of cloth feeding	0: 161° 1: 149° 2: 137° 3: 125°	2
19	Winding speed	400-2700	1200

The connection of cable from wire entrance is as follows:

Function circuit	Plug	Connection Corresponding position	Function circuit	Plug	Connection Corresponding position
Servo motor driver circuit SM01	CZ011	Servo motor power interface	Main control circuit EB301	J105	UDET/needle up-position coupler
	CZ813	Servo motor encoder		J106	XOR/ coupler for detecting X direction
Stepping motor driver circuit MD101	CZ011	Stepping motor			YOR/ coupler for detecting Y direction
Power circuit PW50	CZ310	Solenoid for work clamp foot			FP/ coupler for detecting work clamp foot nicety-position
	CZ311	Solenoid for trimming thread		J108	PRESS/coupler for depressing work clamp foot on pedal
	CZ312	Solenoid for wiping thread			START/coupler for starting pedal
	CZ316	Solenoid for trimming thread		J109	J201/keyboard displaying circuit on operation box

press " to let the work clamp foot back to the start point and lifts up. Sewing process can be start until out of the sewing range.

Sewing operation steps is as follows:

- (1) Put the cloth under the work clamp foot.
- (2) Press the pedal to the first stop to let the work clamp foot down. When you loose the pedal, the work clamp foot will turn back.
- (3) After the work clamp foot is down, press the pedal to the second stop to start bar tacking sewing.
- (4) After sewing, the work clamp foot lifts and turn back to the start sewing point.

3. Winder

Operations:

- (1) Press " key till the winder lamp is on.
- (2) Press " key to let the work clamp foot down.
- (3) Press the pedal to the second stop to start winder.
- (4) Press any key on operation box to stop winder.
- (5) Return to step (3) to restart winder.
- (6) You have to press " to quit winder status. If optertion box displays "E-3", then you need to rotate the hand-wheel to adjust the main shaft, till "E-3" disappears.

6-2 Advanced Skills

1. Use function keys "P1", "P2", "P3", "P4", "P5", "P6" and "P7".

P1: press "

P2: press "

P3: press "

P4: press "

P5: press "

P6: press "

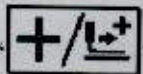
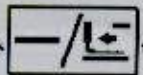
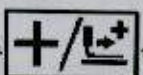
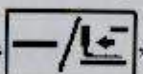
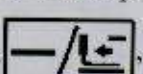
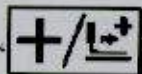
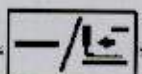
P7: press "

Chapter 6 Operation of the Control System

6-1 Basic Skills

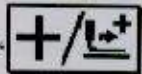
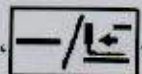
1. Setting Items

After power on, design number lamp is on; design number displays. When the lamp is off, you can set parameters by following the steps given below:

- (1) Set design number: press " " key till the lamp is on, then press " " or " " till system displays "--XY", which means the design XX is set.
- (2) Set X scale: press " " key till the X-scale lamp is on, then press " " or " " to set rate, which ranges from 20% to 200%.
- (3) Set Y scale: press " " key till the Y-scale lamp is on, then press " " or " " to set rate, which ranges from 20% to 200%.
- (4) Set the maximum speed: press " " key till the speed lamp is on, then press " " or " " till system displays "2000", which means the sewing speed is set to 2000 st.pm.

* When the lamp is on, parameters can only be browsed, but can not be changed.

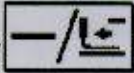
2. Sewing

Press " " key to let the start lamp twinkles. After the work clamp foot is lifted, the lamp stays on, which means the system is ready to sew. If you press " " key again, the lamp will be off. Press " ", then you can check the pre-set values of parameters. If the selected design is not sewed, then you must do a test sewing first. The test sewing includes the following steps: press the pedal to let the work clamp foot down. The work clamp foot will move a step as you press " " or " " once. When you press the key consistently, the work clamp foot will move consistently. You may

(1) register keys

Example: set "P1" as design No. 3, X-scale: 50%, Y-scale: 80%, the max. sewing speed: 2000spm.

Operation:

- 1). Press " " key to power on.
- 2). Press " " key.
- 3). Press " " key till the design number lamp is on, then press " " or " " to set the number as "3".
- 4). Press " " key to set X-scale as 50%, Y-scale as 80%, and the max. sewing speed as 2000spm.
- 5). Press " " to complete registration.
* If you want to register P2 to P7, after the second step, press P2 to P7, and repeat steps 3 to 5.
- 6). after registration, turn off the power and then restart it, system starts tack sewing.

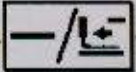
(2) Bar tacking Sewing

Operation: sew P3 after P1

It includes the following steps:

- 1) Power on the machine.
- 2) Press " " key.
- 3) Press " " key till the sewing lamp is on. The work clamp foot moves and lifts up.
- 4) Test sewing.
- 5) Design can be sew if the border is fit.
- 6) When P1 is done, press " " key to let the work clamp foot back to the start point (Function key "P" stays in effect as long as the sewing lamp is on).

7) Repeat steps 5) and 6).

* You can use “” or “” to get P1-P7, the order for the design code is “1-99-P1-P7-C1-C3”.

2. Use key combinations “C1”, “C2” and “C3”

You can register key combinations “C1”, “C2” and “C3” by putting keys P1 to P7 in order.

(1) Register design combinations

For example: set “C1” as the combination of “P1”, “P2” and “P3”.

Operations:

- 1) Press “” and “” at the same time to power on.
- 2) Press “”, then press “”.
- 3) Press “”, then press “”.
- 4) Press “”, then press “”.
- 5) Press “” to end setting.
- 6) After setting, turn off the power and then restart it, machine starts to bar tacking sewing.

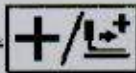
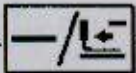
Notice:

- * 1. under the first status, press “” and “” at the same time to set “C2”, while press “” and “” at the same time to set “C3”.
- * 2. “10-15” will be displayed as “A-F”.

(2) Bar tacking Sewing

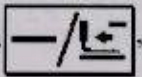
For example: sewing the design combination “C1”.

Operations:

- 1) Power on the machine.
- 2) Press “” or “” to set the design number as “C1”.

- 3) Press " " key till the sewing lamp is on. The presser foot moves and lifts up.
- 4) Combination design can be sew if the border is fit.
- 5) After sewing a design, system will automatically switch to the next one. After all the designs have been sewed, the machine will return to the first one.

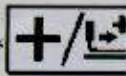
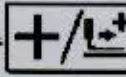
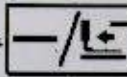
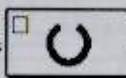
Notice:

- * a). You can use " " or " " to switch between designs.
- * b). "C1-C3" will change according to the change of "P1-P7".
- * c). Please pay attention to the design range.

6-3 Memory Parameter Setting

1. Memory Parameter Setting

Operations:

- (1) Press " " and " " at the same time to power on the machine.
- (2) Press " " or " " to select "1-22" from the table of parameter.
- (3) Press "Ready" key to start setting.
- (4) Press " " or " " to change the value.
- (5) Press " " to complete the setting.

2. Return to the Default Setting

Operations:

- (1) Press " " and " " to power on the machine.
- (2) System will display "SF-O" after initialization. Turn off the power.

Chapter 7 Maintenance

This product shall be kept in clean and dry location. The control box shall be kept in clean location, which is good for thermal and dust-proof.

After power off, you must wait 1 minute until you restart the machine, so as to avoid system troubles.

In case of sudden power-off, you should cut out main power switch to avoid body from being shocked.

The keyboard is the most frequently used part of the machine. In order to protect the keyboard, pressing the keys by nail or stick is strictly prohibited.

You should clean the dust regularly to let the control box clean. You can use hot air to dry the box when it is wet inside. You should use compressed air and soft brush to clear the dust. Any maintenance work should be carried out with the system off.

Check the fans regularly. Make sure that there are no jams in thermal holes.

Clean the box regularly to prevent oil stain from getting in.

Check the grounding system (mostly outdoor) regularly.

Check if the wire connection mechanism is good. Make sure that the insulation of the connecting points and wires perform well.

If the control box is not in use for a short period, you should power it on regularly (better every 2 or 3 days a time), one hour or more for each time. If it is not in use for a long time, before use, specialist should take a all-round examine for the machine.

Appendix 1

Table of patterns in LK1900A machine

Standard bar lacking machine pattern					Standard bar lacking machine pattern					Standard bar lacking machine pattern							
No	pattern	Number of stitches (mm)	sewing size (mm)		No. of work clamp foot	No	pattern	Number of stitches (mm)	sewing size (mm)		No. of work clamp foot	No	pattern	Number of stitches (mm)	sewing size (mm)		No. of work clamp foot
			length	cross-wise		length	cross-wise					length	cross-wise				
1		42	2.0	16	1	11		28	2.5	6	7	21		44	0	25	5
2			2	2.5	6	22			35	6							
3			3	2.5	6	23			4.0								
4		28	2.0	24	5	14		4	2.0	8	4	24		36	20	4.0	8
5			6	2.0	8	25			4.0								
6			1	2.5	8	26			4.0								
7		36	2.0	10	2	15		28	2.0	8	6	27		18	20	0	9
8			3	2.5	8	16			0	10		28			0		
9			5	3.0	10	17			5	25		29			0		
10		64	3.0	24	5	18		36	0	25	6	30		28	20	0	
			6			19											
						20											

Feed plate in LK1900A

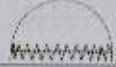
	1	2	3	4	5	6	7	8	9
Work clamp foot	13518659(suit)	13548557(suit)	13542964(suit)	13548151(suit)	13542451(suit)	13571955(suit)	13561360(suit)		
Work clamp foot	14116107	14116404	14116305	14116206	13548003	13554803	14116602	14116503	14116701
standard	S	F	H	H	S	H	S	F	F
remarks	13533104			13548300		13533104	13573407		
	Standard accessory for S(standard) type machine head	Standard accessory for F(foundation) type machine head	Standard accessory for H(hesey material) type machine head	Standard accessory for M(kitting) type machine head	Special long knot(annex)	Special type knot(annex)	accessory for beeline F(foundation) type machine head	Beeline knot	

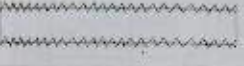
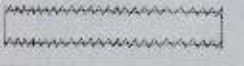
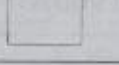
Chapter 8 Troubleshooting

Trouble	Reason One	Reason Two	Troubleshooting
Lamps don't shine	All the lamps on the power-source board don't shine.	Disconnection of the plug CZ301	Plug in or change a new power circuit.
	All the indicator lamps shine, except +5V lamp		
	The +5V lamp shines, but lamps on the main board don't shine.	CZ307 disconnecting to the power source board	Plug in
		J103 disconnecting to the main board	Plug in
	Keyboard display and the main board don't connect well.	J109 disconnecting to the main board	Plug in
Keys switch on keyboard don't function	Keys error		Change the keyboard display
	Circuit error		Change the keyboard display
After pressing "Ready", the work clamp foot goes down but can not move.	Do not supply +90 power source to the step motor	F3 on the power source board disconnects.	
		CZ308 disconnecting to the power source board.	Plug in
		CZ012 disconnecting to the step board	Plug in
After pressing "Ready", the work clamp foot goes down but can not move.	The signal cable between main board and step motor doesn't connect well.	J101 disconnecting to the main board	Plug in
		CZ015 disconnecting to the step board	Plug in
	Cables of X and Y step motors don't connect well.	CZ011 disconnecting to the step board	Plug in
	Step motor		Plug in
	Origin detecting cables of X and Y step motors don't connect well.	J106 disconnecting to the main board	Plug in
	Origin detecting unit of Y step motor destroyed.		Change the detecting unit
After pressing "Ready", the work clamp foot moves horizontally after going down.	Origin detecting unit of X step motor destroyed.		Change the detecting unit
The work clamp foot can not go down	The pedal switch doesn't connect well to the main board	J108 disconnecting to the main board	Plug in
	The pedal switch error		Change the switch
	The main board error		Change the main board
The machine is in usual when power on and press "Ready" key. After press the pedal, system shows error "E-7" after the upper axis rotates	Signal cable between the servo driver board and the main board doesn't connect well	The 3rd joint foot of J107 plug doesn't connect well	Reconnect
	The main board		Change the main board

Appendix 2

Other pattern

No	pattern	Number of stitches (mm)	sewing size (mm)	
			length-wise	cross-wise
31		42	10	7
32		54	10	7
33		56	10	6.6
34		48	7	10
35		48	7	10
36		56	7.3	10
37		56	7.3	10
38		85	10	12
39		24	10	6
40		31	12	6
41	 (single loop)	110	Ø2, 5, 8	
42	 (single loop)	119	Ø2, 5, 8	
43	 (double loop)	92	Ø2, 5, 8	
44	 (double loop)	111	Ø2, 5, 8	
45	 (double loop)	126	Ø2, 5, 8	
46	 (double loop)	99	Ø0.5, 6, 7, 8	
47	 (double loop)	144	Ø0.5, 6, 7, 8	

No	pattern	Number of stitches (mm)	sewing size (mm)	
			length-wise	cross-wise
48	 (single loop)	37	Ø12	
49	 (double loop)	36	Ø12	
50	 (treble loop)	76	Ø12	
51		102	19	2.6
52		120	20	3.6
53		47	17	10
54		67	20	20
55		21	8	8
56		32	26	15
57		41	25	25
58	 (single loop)	39	19	15
59	 (double loop)	47	24	15
60	 (treble loop)	63	32	20
61		124	10	10
62				
63				
64				

Appendix 3

Table of standard pattern in YK1900A machine

Program No.	Stitch shape	Number of stitches	Standard sewing size X(mm)	Standard sewing size Y(mm)	Program No.	Stitch shape	Number of stitches	Standard sewing size X(mm)	Standard sewing size Y(mm)
1 • 34		6-6	3.4	3.4	18 • 44		6	3.4	0
2 • 35		8-8			19 • 45		8		
3		10-10			20		10		
4		12-12			21		12		
5 • 36		6-6			22		16		
6 • 37		8-8			23 • 46		6		
7		10-10			24		10		
8		12-12			25		12		
9 • 38		6-6			26 • 47		6-6		
10 • 39		8-8			27		10-10		
11		10-10			28 • 48		6-6		
12 • 40		6-6			29		10-10		
13 • 41		8-8			30 • 49		5-5-5		
14		10-10			31		8-8-8		
15 • 42		6-6			32 • 50		5-5-5		
16 • 43		8-8			33		8-8-8		
17		10-10							

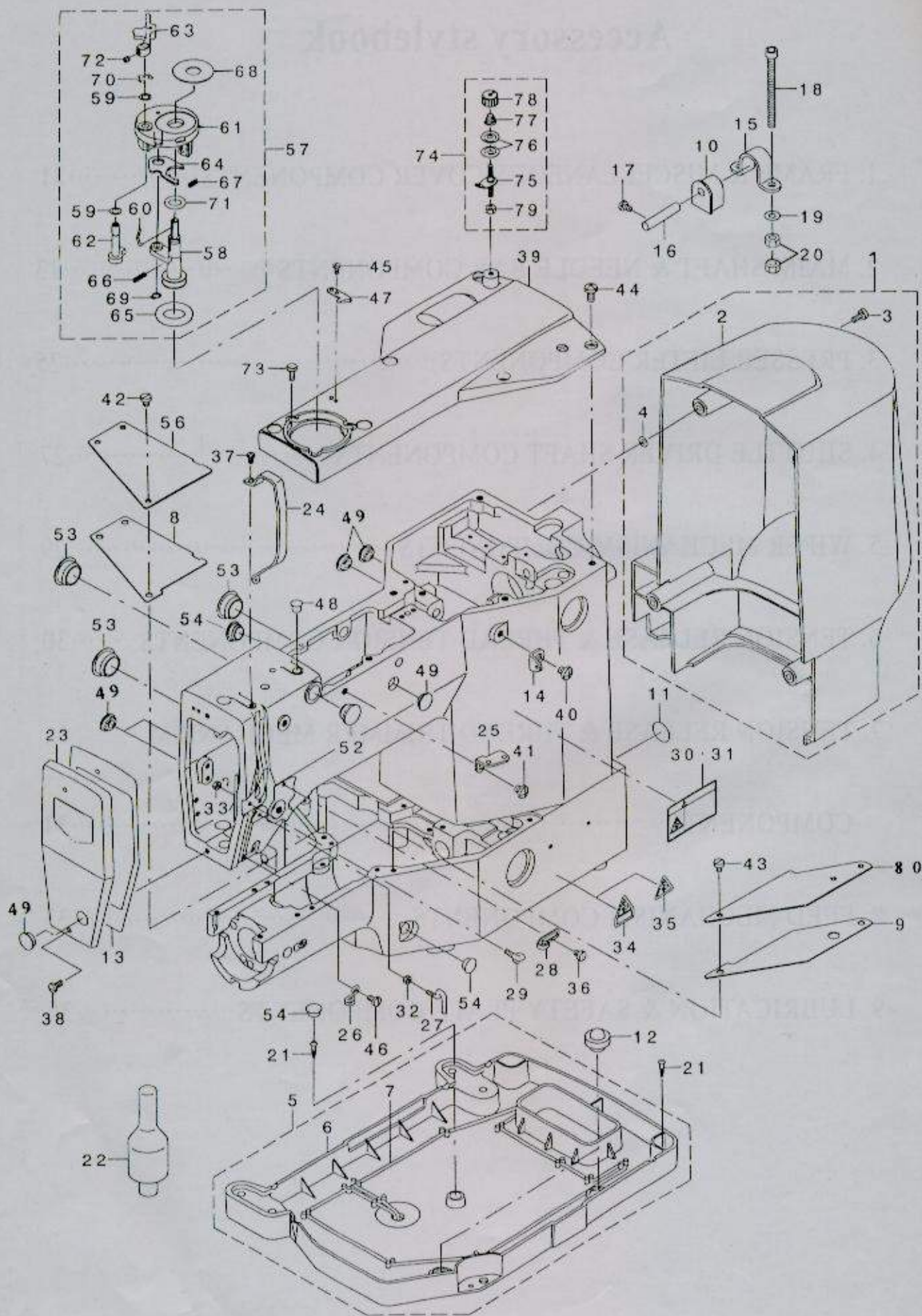
Accessory stylebook

1. FRAME & MISCELLANEOUS COVER COMPONENTS.....	21
2. MAIM SHAFT & NEEDLE BAR COMPONENTS.....	23
3. PRESSER LIFTER COMPONENTS.....	25
4. SHUTTLE DRIVER SHAFT COMPONENTS.....	27
5. WIPER MECHANISM COMPONENTS	29
6. TENSION RELEASE & THREAD TENSION COMPONENTS	30
7. TENSION RELEASE & THREAD TRIMMER MECHANISM COMPONENTS.....	31
8. FEED MECHANISM COMPONENTS	33
9. LUBRICATION & SAFETY PLATE COMPONENTS.....	35

1. FRAME & MISCELLANEOUS COVER COMPONENTS

REF.NO		DESCRIPTION	PART NO		QTY
1		MOTOR COVER ASM.	141-00457		1
2		MOTOR COVER	141-00408	01-002-1900	(1)
3		SCREW 11/64-40 L=11	SS-6111140-SP	5-39-185	(4)
4		STOPPER	M8002-430-000	01-004-1900	(4)
5		OIL PAN ASM.	141-00754		1
6		OIL PAN	141-00705	01-006-1900	(1)
7		OIL WICK	CQ-2522000-00		(1)
8		BED COVER PACKING A	141-00903	01-008-1900	1
9		BED COVER PACKING B	141-01000	01-009-1900	1
10		HINGE RUBBER	B1115-210-D00	01-010-1900	2
11		GROUND MARK	100-04109		2
12		FRAME SUPPORT RUBBER	B1116-210-D00	01-012-1900	2
13		FACE PACKING	135-02307	01-002-185	1
14		THRED GUIDE NO. 1	137-86306	01-014-1900	1
15		BDE HINGE	B1111-210-D00	01-015-1900	2
16		HINGE STUD	B2707-761-000	01-016-1900	2
17		SCREW 11/64-40 L=4	SS-8110422-TP	5-30-1190	2
18		HEXAGONAL-HOLE BOLT M6 L=75	SM-6067552-TP	GB/T70-1985	4
19		WASHER	WP-0651646-SC	GB/T97.1-1985	4
20		NUT M6	NM-6060001-SC	GB/T6184-2000	8
21		SCREW D=3.8 L=20	SK-3382001-SE	GB/T15856.1H-2002	4
22		HEAD SUPPORT BAR	112-80856	01-022-1900	1
23		FACE COVER ASM.	135-38152	01-001-185	1
24		BALANCE COVER	138-16608	01-012-185	1
25		THREAD GUIDE PLATE	B1111-232-000	15037-780	1
26		ARM THREAD GUIDE B	B1124-280-000	01-013-185	1
27		L-SHAPED THREAD GUIDE A	B1125-280-000	11544-780	1
28		ARM THREAD GUIDE A	110-18504	11542-780	1
29		THREAD GUIDE	B3114-771-000	11545-780	1
30	01	SAFETY LABEL, 1(SMALL)	CM-3002001-01		1
31	02	SAFETY LABEL, 3(SMALL)	CM-3002001-A1		1
32		NUT 9/64-40	NS-6090310-SP	1-23-185	1
33		NUT 9/64-40	NS-6090310-SP	1-23-185	1
34	01	CAUTION LABEL(25)	CM-3002000-B2		1
35	03	CAUTION LABEL(25)	CM-3002000-02		1
36		SCREW 11/64-40 L=6	SS-6110610-TP	10924-780	1
37		SCREW 9/64-40 L=5	SS-4090515-SP	10305-780	2
38		SCREW 11/64-40 L=10	SS-4111015-SP	10338-780	2
39		TOP COVER	141-00309	01-039-1900	1
40		SCREW 15/64-28 L=7	SS-4150715-SP	10808-780	1
41		SCREW 15/64-28 L=7	SS-4150715-SP	10808-780	1
42		SCREW 11/64-40 L=6	SS-6110610-TP	10140-780	1
43		SCREW 11/64-40 L=6	SS-6110610-TP	10140-780	2
44		SCREW 15/64-28 L=12	SS-4151215-SP	10610-780	6
45		SCREW 9/64-40 L=7	SS-4090715-SP	10512-780	1
46		SCREW 11/64-40 L=7.8	SS-7110840-SP	10516-780	1
47		THREAD CUTTER	105-02300	01-047-1900	1
48		RUBBER PLUG D=7.5 L=7	TA-0750704-R0	10135-780	1
49		RUBBER PLUG D=12.5 L=4	TA-1250406-R0	10-005-185	6
52		RUBBER PLUG D=14.5 L=7.5	TA-1470704-R0	01-052-1900	1
53		RUBBER PLUG D=20.5 L=9	TA-2100904-R0	10-001-185	3
54		RUBBER PLUG D=10.5 L=5	TA-1050504-R0	10-002-185	3
46		BED COVER A	141-00507	01-056-1900	1
57		BOBBIN WINDER ASM.	141-13666		1
58		BOBBIN WINDER SHAFT COMPL.	141-13658	01-058-1900	(1)
59		WASHER	135-07504	01-059-1900	(2)
60		LATCH SPRING	B3212-761-000	01-060-1900	(1)
61		BOBBIN FITTING BASIS COMPL	225-37658	01-061-1900	(1)
62		BOBBIN CAM SHAFT COMPL	225-38151	01-062-1900	(1)
63		BOBBIN LEVER	225-38300	01-063-1900	(1)
64		ADJUSTING PLATE	225-38409	01-064-1900	(1)
65		RUBBER RING	A3216-001-00 A	01-065-1900	(1)
66		SPRING	B1148-555-000	01-066-1900	(1)
67		PRESSUR FOOT SPRING	B1529-890-00 C-A	01-067-1900	(1)
68		CUSHION	B3205-210-000	01-068-1900	(1)
69		RETAINING RING	RC-0560711-KP	GB/T894.1-1980	(1)
70		E-RING	RE-0500000-K0	GB/T896-1986	(1)
71		RUBBER RING	RO-0922702-00	GB/T3452.1	(1)
72		SCREW 11/64-40 L=4	SS-8110422-TP	05-030-1190	(1)
73		SCREW 11/64-40 L=11	SS-6111140-SP	01-073-1900	3
74		BOBBIN THREAD TENSION ASM.	141-13468		1
75		BOBBIN THREAD TENSION ROD ASM	141-13450	11416-780	(1)
76		THREAD TENSION DISK	B3126-012-000	11415-780	(2)
77		CONNECTING ROD SPRING	D7133-555-B00	11414-780	(1)
78		THREAD TENSION NUT	110-72402	11413-780	(1)
79		NUT 11/64-40	NS-6110310-SP	10211-780	(1)
80		BED COVER B	141-00606	01-080-1900	1

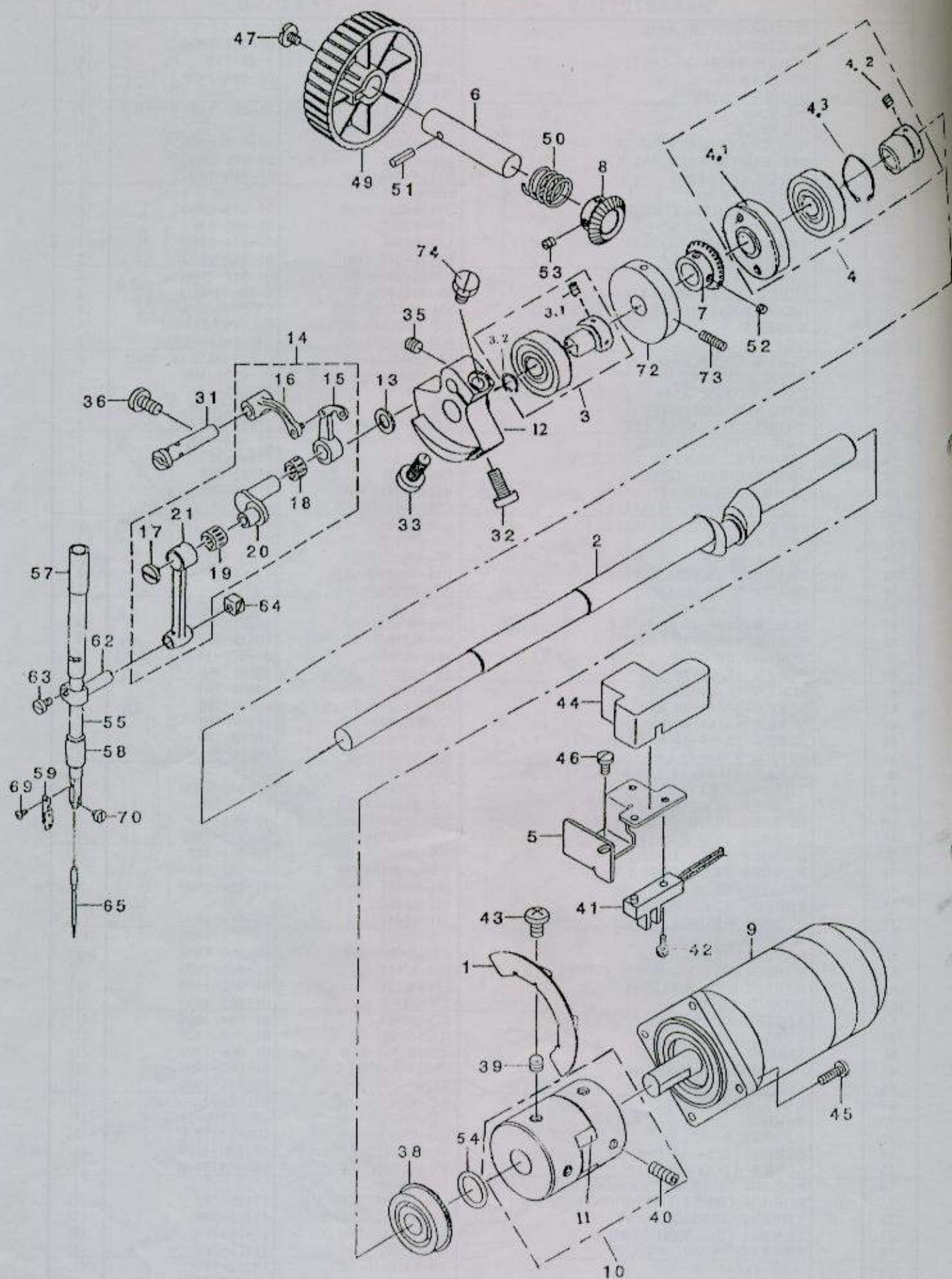
1. FRAME & MISCELLANEOUS COVER COMPONENTS



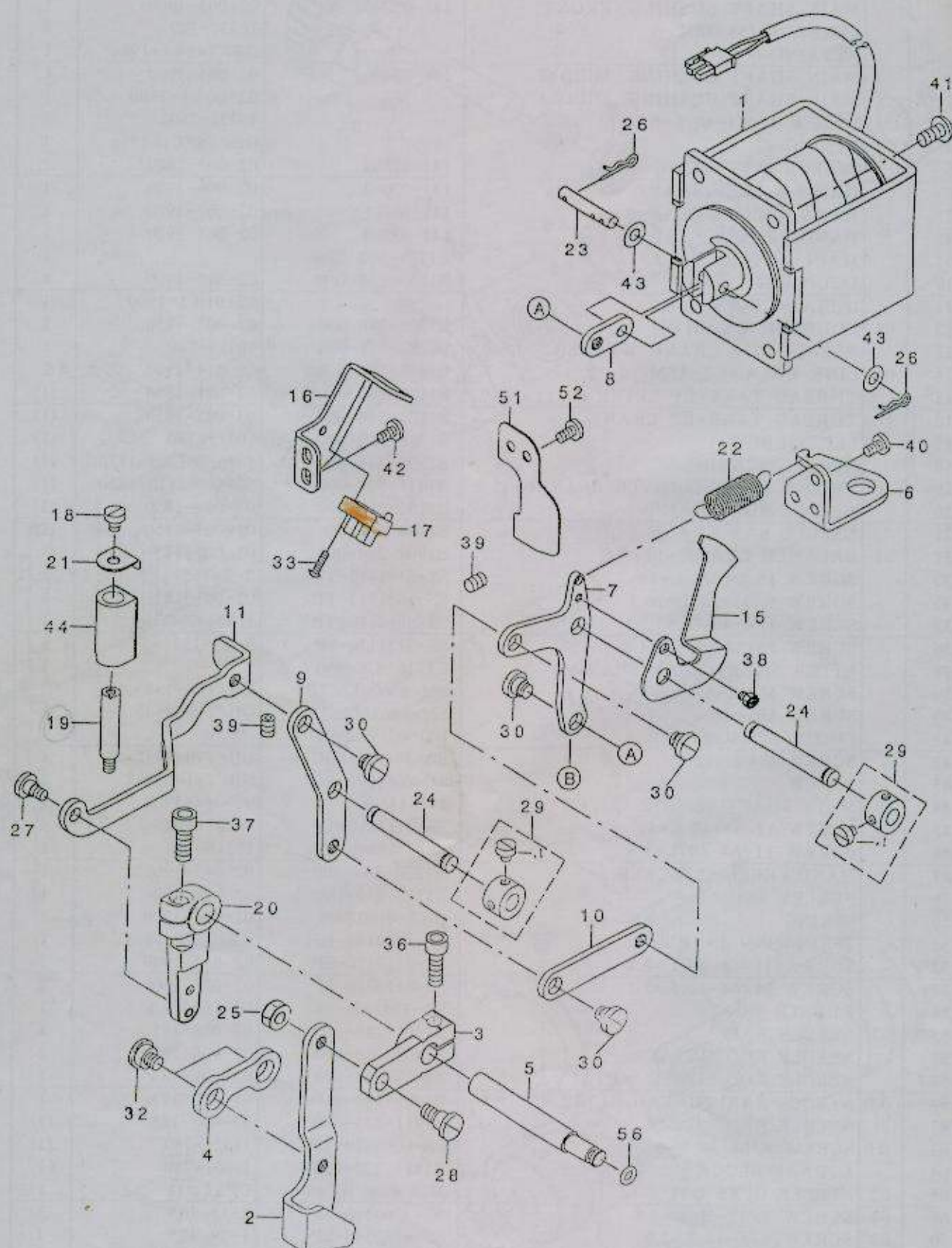
2. MAIM SHAFT & NEEDLE BAR COMPONENTS

REF.NO		DESCRIPTION	PART NO		QTY
1		MAIN SHAFT SLIT PLATE	141-02404	02-001-1900	1
2		MAIN SHAFT	141-02107	02-002-1900	1
3		MAIN SHAFT BUSHING, FRONT	141-02206	02-003-1900	1
3.1		SCREW 11/64-40 L=6		10331-780	2
3.2		RETAINING RING 17		GB/T894.1-1986	1
4		MAIN SHAFT BUSHING, MIDDLE	141-02305	02-004-1900	1
4.1		MAIN SHAFT BUSHING, MIDDLE		02-004.1-1900	1
4.2		SCREW 11/64-40 L=6		10331-780	2
4.3		E-RING 37		GB/T893.1-1986	1
5		SENSOR INSTALLING BASE	141-02503	02-005-1900	1
6		HAND PULLEY SHAFT	141-02602	02-006-1900	1
7		HAND PULLEY GEAR A	141-02701	02-007-1900	1
8		HAND PULLEY GEAR B	141-02800	02-008-1900	1
9		MAIN MOTOR	B1230-210-D00		1
10		COUPLING	B1231-210-D00	02-010-1900	1
11		INDIA RUBBER		02-010.3-1900	1
12	01	COUNTER WEIGHT	B1202-280-000	02-002-1850	1
13		NEEDLE ROD CRANK WASHER	B1223-771-000	10317-780	1
14	01	LINK BALANCE ASM.	B1901-280-0 B0	02-014-1900	1
15		THREAD TAKE-UP LEVER	B1901-280 000	03-001-1850	(1)
16		THREAD TAKE-UP CRANK	B1903-280-000	03-005-1850	(1)
17		LEFT SCREW	B1903-552-000	10315-780	(1)
18		NEEDLE BUSHING	B1905-541-000	5846-081208-1850	(1)
19		NEEDLE DRIVING LEVER BEARING	B1411-804-000	5846-081110-1850	(1)
20		NEEDLE ROD CRANK	B1203-280-000	03-004-1850	(1)
21		NEEDLE BAR CRANK ROD	B1404 280 000	03-003-1850	(1)
31	01	BALANCE CRANK PIN	B1904-280-0001	03-002-185	1
32		SCREW 15/64-28 L=14	SS-6151412-TP	2-2-185	1
33		SCREW 9/32-28 L=16.5	SS-6681712-TP	02-001-185	1
35		SCREW 1/4-40 L=6	SS-8660610-TP	10404-780	1
36		SCREW 15/64-28 L=11	SS-7151120-SP	9-15-185	1
38		UPPER SHAFT REAR BEARING	G1216-870-000		1
39		SCREW M6 L=6	SM-8060612-TP	GB/T80-1985	2
40		SCREW M6 x 16	SM-8061612-TP	GB/T80-1985	2
41		PHOTO SENSOR	HD-0019300-00		1
42		SCREW M4 L=12	SL-4041291-SC	GB/T70-1985	1
43		SCREW	SL-4061091-SC	GB/T818-1985	2
44		MAIN SHAFT SENSOR COVER	141-14508	02-044-1900	1
45		SCREW 11/64-40 L=14	SS-7111410-TP	10127-780	4
46		SCREW 11/64-40 L=7.8	SS-7110840-SP	10516-780	1
47		HANDWHEEL SETSCREW	A1230-500-000-A	02-047-1900	1
49		PULLEY	B1212-210-D00	02-049-1900	1
50		SPRING	GAF-01007000	02-050-1900	1
51		SPRING PIN 4 x 14	PS-0400142-KH	GB/T879-1986	1
52		SCREW 11/64-40 L=2.8	SS-8110310-SP	02-052-1900	2
53		SCREW 11/64-40 L=2.8	SS-8110310-SP	02-053-1900	2
54		RUBBER RING	R0-1542401-00	GB/T3452.1	1
55	03	NEEDLE BAR	B1401-280-000	03-008-185	1
57		NEEDLE ROD METAL	B1402-280-000	03-006-185	1
58		NEEDLE ROD LOWER METAL	B1403-280-000	03-009-185	1
59	03	NEEDLE BAR THREAD GUIDE	B1405-280-0100	03-010-185	1
62		NEEDLE BAR CLAMP	B1411-552-000	03-007-185	(1)
63		SCREW 9/64-40 L=6	SS-6090670-TP	11424-780	(1)
64		SQUARE BLOCK	B1414-232-000	10601-780	1
65	02	NEEDLE DPX5 #11	MDP-500 B1100	DPX5 #11	1
69	03	SCREW 3/32-56 L=4.5	SS-2060510-SP	3-15-185	1
70	03	SCREW 1/8-44 L=2.9	SS-6080340-SP	3-20-185	1
72		BOBBIN WINDER DRIVING WHEEL	B3213-205-000	02-072-1900	1
73		SCREW 11/64-40 L=15.5	SS-8111610-SP	02-073-1900	2
74	02	SCREW 1/4-40 L=12	SS-9661230-CP	2-3-1850	1

2. MAIN SHAFT & NEEDLE BAR COMPONENTS



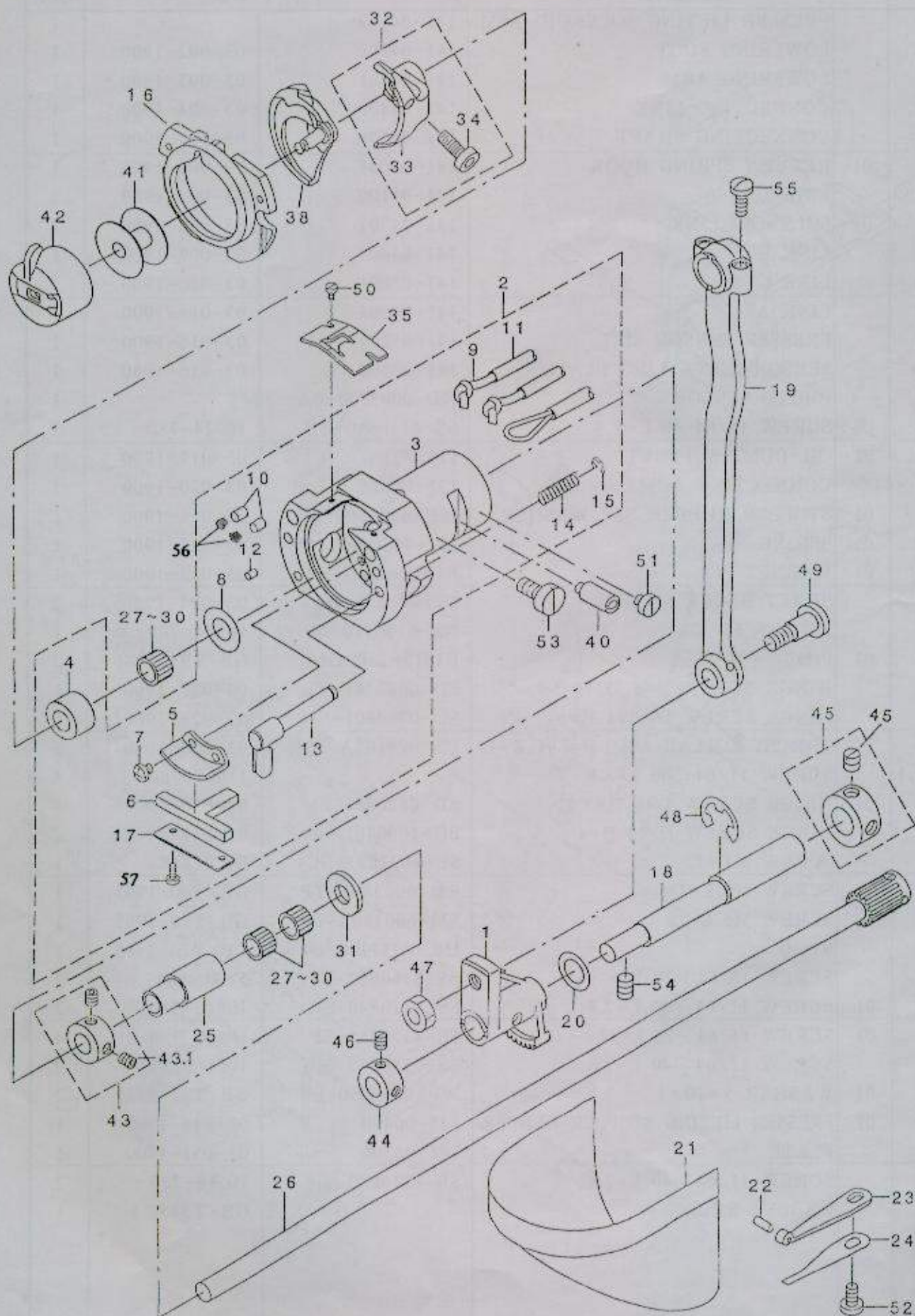
3. PRESSER LIFTER COMPONENTS



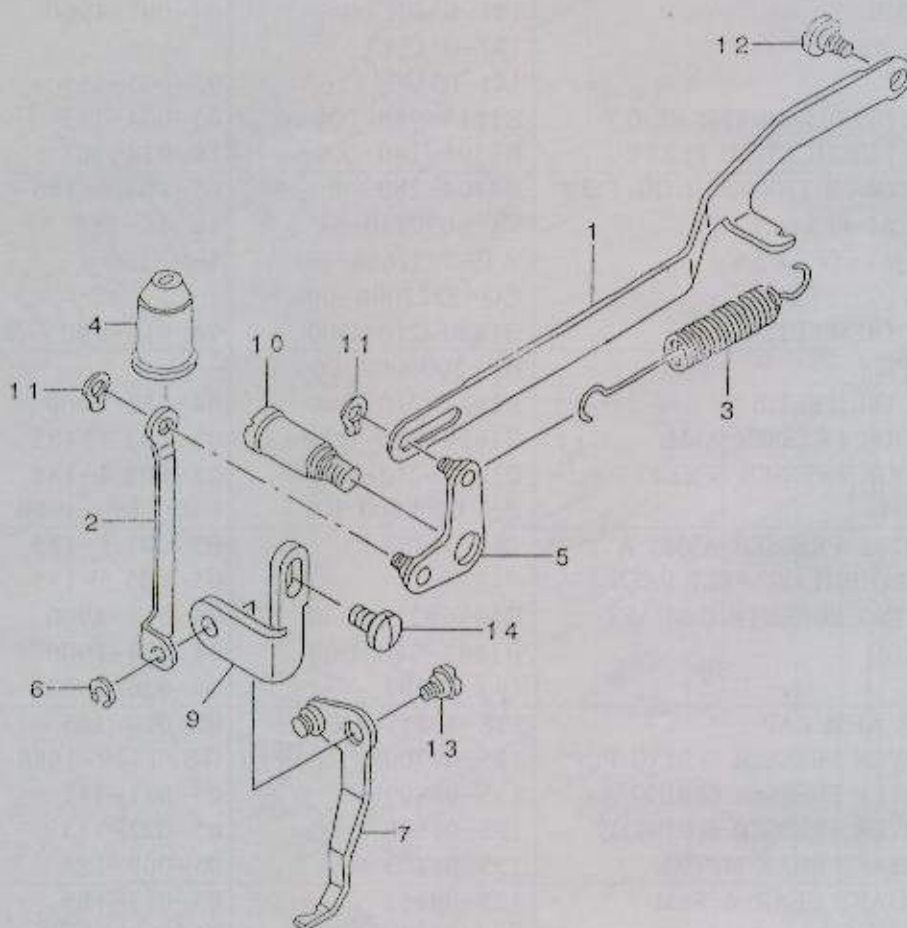
3. PRESSER LIFTER COMPONENTS

REF.NO		DESCRIPTION	PART NO		QTY
1		PRESSER LIFTING SOLENOID ASM.	141-04152		1
2		LOWERING FOOT	141-04202	03-002-1900	1
3		LOWERING ARM	141-04301	03-003-1900	1
4		CONNECTING LINK	141-04400	03-004-1900	1
5		CONNECTING SHAFT	141-04509	03-005-1900	1
6	01	RETURN SPRING HOOK	141-04608	03-006-1900	1
7		LINK D	141-05100	03-007-1900	1
8	01	SOLENOID LINK	141-04707	03-008-1900	1
9		LINK B	141-04905	03-009-1900	1
10		LINK C	141-05001	03-010-1900	1
11		LINK A	141-04806	03-011-1900	1
15		PRESSER SENSOR SLIT	141-05209	03-015-1900	1
16		SENSOR INSTALLING PLATE	141-05308	03-016-1900	1
17		PHOTO SENSOR	HD-0005700-0A		1
18	01	SCREW 11/64-40 L=6	SS-6110610-TP	10924-780	1
19	01	OIL PUMP SUPPORT	113-92107	03-019-1900	1
20		CONNECTING ARM	135-06415	03-020-1900	1
21	01	STOPPER RUBBER SET WASHER	WP-0560860-SE	03-021-1900	1
22	01	SPRING	135-44705	03-022-1900	1
23	01	MAGNET PIN	B1513-210-D00	03-023-1900	1
24		SHAFT BLOCK SHAFT	D2502-232-D00	03-024-1900	2
25		NUT 15/64 -28	NS-6150310-SP	10544-780	1
26	01	PIN	B1515-210-D00	GB/T91-1986	2
27		HINGE SCREW D=6.35 H=3.9	SD-0640391-TP	03-027-1900	1
28		HINGE SCREW D=7.94 H=6	SD-0790601-SP	03-028-1900	1
29		THRUST COLLAR ASM. D=7.94 W=10	CS-079101A-SH	03-029-1900	2
29.1		SCREW 11/64 -40 L=4.8		11005-780	4
30	01	HINGE SCREW D=8 H=3.4	SD-0800341-SP	03-030-1900	4
32		HINGE SCREW D=10 H=4	SD-1000401-SP	03-032-1900	2
33		SCREW M3×12	SL-4031291-SC	GB/T818	1
36		SCREW M6 L=18	SM-6061802-TP	GB/T70-1985	1
37		SCREW M6 L=18	SM-6061802-TP	GB/T70-1985	1
38		STUD	HX-0033900-00	GB/T70-1985	1
39		SCREW 15/64 -28 L=8	SS-8150822-TP	5-31-185	2
40	01	SCREW 11/64 -40 L=7.8	SS-7110840-SP	10516-780	2
41	01	SCREW 15/64 -28 L=12	SS-4151215-SP	10610-780	4
42		SCREW 11/64 -40 L=7.8	SS-7110840-SP	10516-780	2
43	01	WASHER 5×10×1	WP-0560860-SE	GB/T95-1985	2
44	01	PRESSER LIFTING STOPPER RUBBER	135-00400	03-044-1900	1
51		PLATE	141-05506	03-051-1900	1
52		SCREW 11/64 -40 L=7.8	SS-7110840-SP	10516-780	2
56		RUBBER RING		GB/T3452.1	1

4. SHUTTLE DRIVER SHAFT COMPONENTS



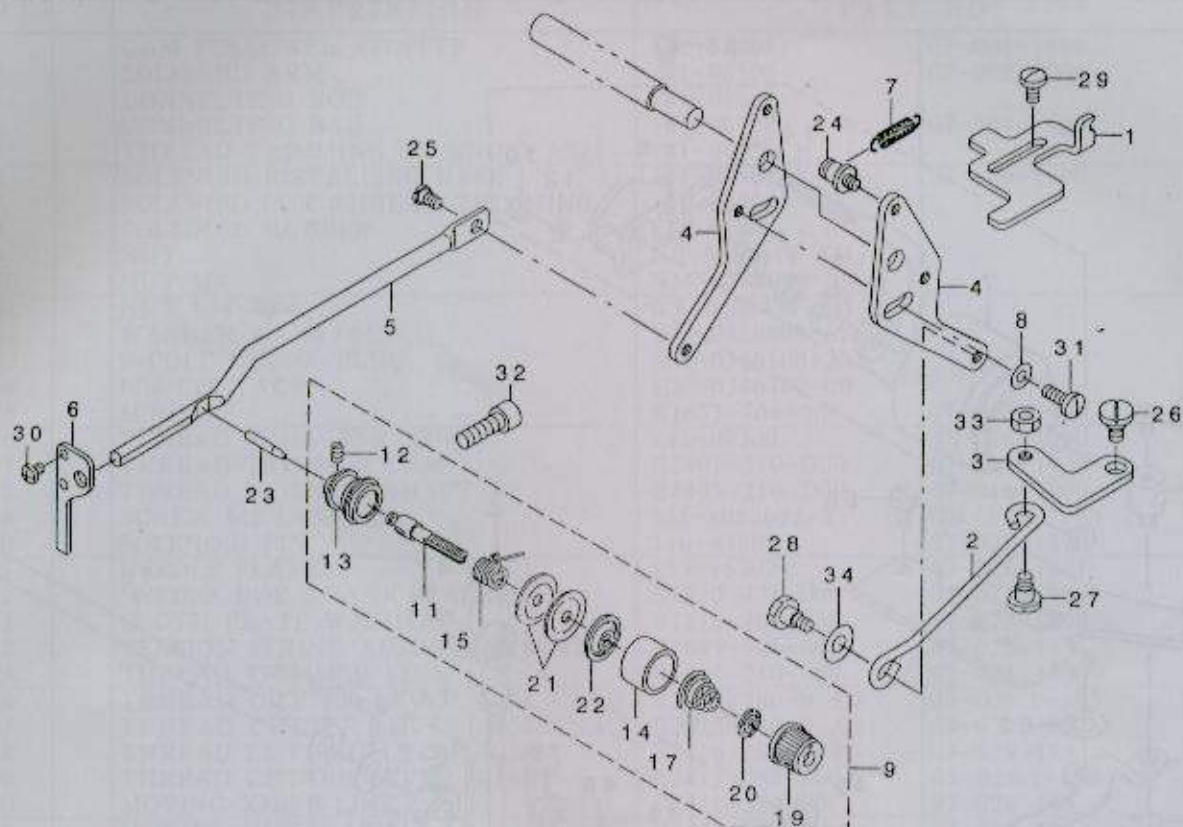
5. WIPER MECHANISM COMPONENTS



5. WIPER MECHANISM COMPONENTS

REF.NO	DESCRIPTION	PART NO		QTY
1	WIPER CONNECTING LINK	135-09500	04-024-185	1
2	WIPER CONNECTING PLATE	135-09609	04-029-185	1
3	SPRING	135-09708	04-025-185	1
4	OIL SHIELD CAP	135-09807	04-028-185	1
5	WIPER CONNECTING ARM ASM.	135-099555	04-026-185	1
6	RETAINING RING 5	B1229-232-000	GB/T894.1-1985	1
7	01 WIPER ASM.	B2101-280-0 A0	04-031-185	1
9		135-74009	04-030-185	1
10		B2109-280-000	04-027-185	1
11	RETAINING RING 5	RC-0470611-KP	GB/T894.1-1985	2
12	HINGE SCREW D=5.3 H=2.2	SD-0530221-SP	4-30-185	1
13	HINGE SCREW D=6.35 H=2.1	SD-0640211-SP	4-56-185	1
14	SCREW 11/64-40 L=7.8	SS-7110840-SP	04-055-185	1

6. TENSION RELEASE & THREAD TENSION COMPONENTS



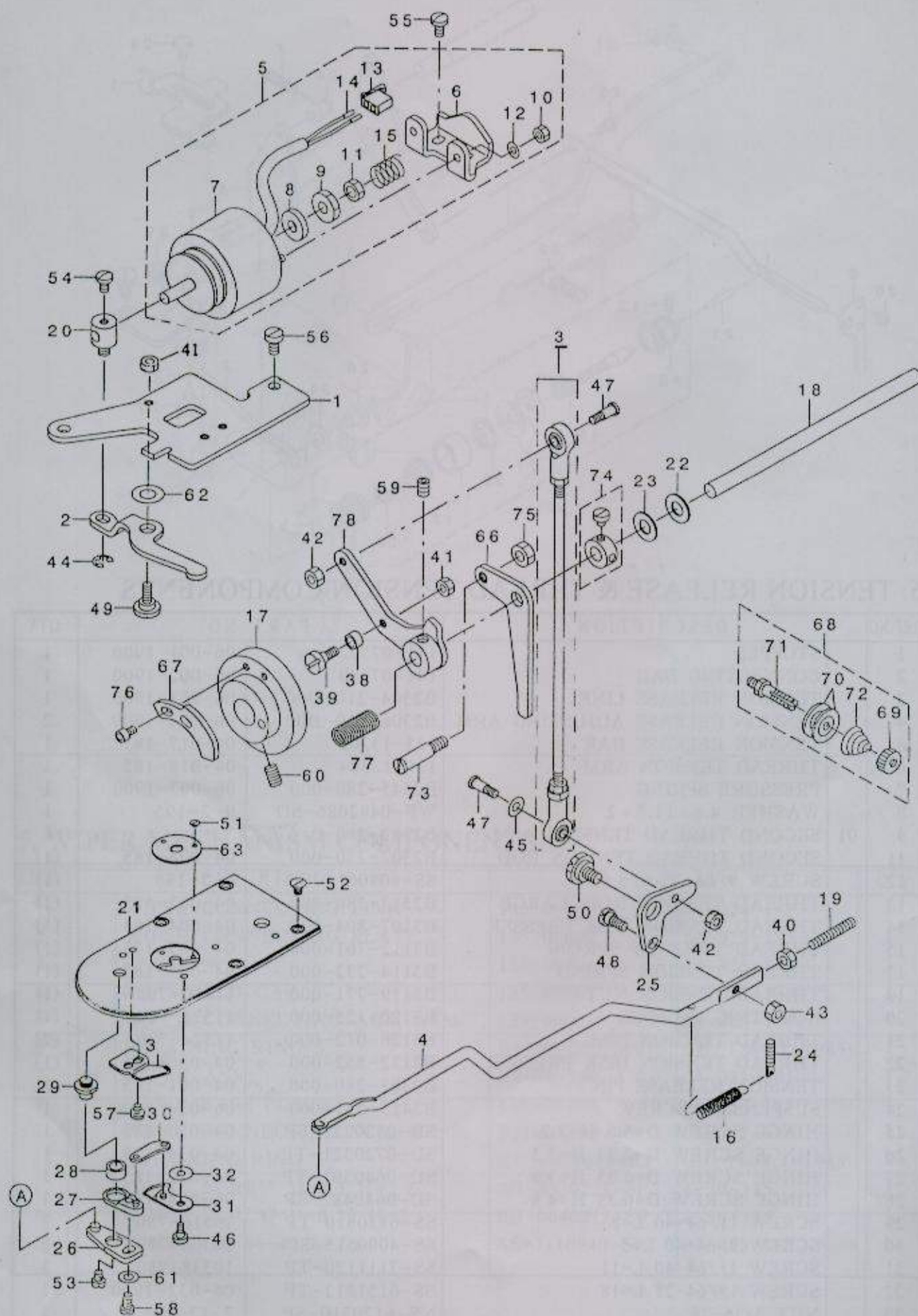
6. TENSION RELEASE & THREAD TENSION COMPONENTS

REF.NO	DESCRIPTION	PART NO		QTY
1	STOPPER	141-07502	06-001-1900	1
2	CONNECTING BAR	141-07700	06-002-1900	1
3	TENSION RELEASE LINK	B2304-210-D00	06-003-1900	1
4	TENSION RELEASE ADJUSTING ARM	B2306-210-D00	06-004-1900	2
5	TENSION RELEASE BAR	135-13205	04-017-185	1
6	THREAD TENSION ARM	135-13304	04-018-185	1
7	PRESSURE SPRING	B2545-280-000	06-007-1900	1
8	WASHER 4.8×11.5×2	WP-0482086-SD	9-2-195	1
9	01 SECOND THREAD TENSION ASM.	B2302-280-0 A0		1
11	SECOND THREAD TENSION ROD	B2302-280-000	04-004-185	(1)
12	SCREW 9/64-40 L=5.9	SS-8090610-SP	4-5-185	(1)
13	THREAD TENSION ROD, LARGE	B2313-280-000	04-003-185	(1)
14	THREAD TENSION DISK PRESSER	B3107-804-000	04-004-185	(1)
15	THREAD TAKE-UP SPRING	B3112-761-000	04-005-185	(1)
17	THREAD TENSION SPRING	B3114-232-000	04-007-185	(1)
19	THREAD TENSION NUT	B3119-771-000	11520-780	(1)
20	ROTATING STOPPER	B3120-125-000	11521-780	(1)
21	THREAD TENSION DISK	B3126-012-000	11524-780	(2)
22	THREAD TENSION DISK PRESSER	B3132-552-000	04-006-185	(1)
23	TENSION RELEASE PIN	B2303-280-000	04-001-185	1
24	SUSPENSION SCREW	B3413-552-000	06-024-1900	1
25	HINGE SCREW D=5.3 H=2.2	SD-0530221-SP	04-030-185	1
26	HINGE SCREW D=7.24 H=3.3	SD-0720321-TP	04-039-185	1
27	HINGE SCREW D=6.35 H=3.9	SD-0640391-TP	04-042-185	1
28	HINGE SCREW D=6.35 H=4.8	SD-0640482-SP	06-028-1900	1
29	SCREW 11/64-40 L=8	SS-6110810-TP	10516-780	2
30	SCREW 9/64-40 L=5	SS-4090515-SP	10305-780	2
31	SCREW 11/64-40 L=11	SS-7111120-TP	10338-780	1
32	SCREW 15/64-28 L=18	SS-6151812-TP	06-032-1900	1
33	NUT 3/16-28	NS-6120310-SP	7-12-185	1
34	WASHER 6.3×11.2×0.5	WP-0651056-SD	07-026-185	1

7. TENSION RELEASE & THREAD TRIMMER MECHANISM COMPONENTS

REF.NO		DESCRIPTION	PART NO		QTY
1		CAM FOLLOWER STOPPER	141-08401	07-001-1900	1
2		SOLENOID ARM	141-08500	07-002-1900	1
3		CONNECTING ROD	141-08609		1
4		CONNECTING BAR	141-08708	07-004-1900	1
5		THREAD TRIMMING SOLENOID ASM.	141-08955		1
6		SOLENOID INSTALLING BASE	141-08807	07-006-1900	(1)
7		SOLENOID FOR THREAD TRIMMING	141-08906		(1)
8		SOLENOID RUBBER	110-43304		(1)
9		NUT	NS-6660410-SH		(1)
10		NUT M4	NM-6040000-SN		(2)
11		NUT 1/4-40	NS-6660430-SP		(1)
12		WASHER 4.5×8×0.5	WP-0450000-SD		(2)
13		2-POLE NYLON PLUG	HK-0346100-20		(1)
14		PIN CONTACT	HK-0346400-00		(2)
15		SPRING	B1652-704-000	07-015-1900	(1)
16		THREAD TRIM LINK SPRING	141-09300	07-016-1900	1
17		THREAD TRIMMER CAM	B2401-210-D00	07-017-1900	1
18		THREAD TRIMMER SHAFT	B2408-210-D00	07-018-1900	1
19		SCREW M5 L=30	SM-8053002-TP	GB/T73-1988	1
20		SOLENOID PIN	110-43007	07-020-1900	1
21		NEEDLE PLATE	135-15507	03-026-185	1
22		NEEDLE ROD CRANK WASHER	B1223-771-000	07-022-1900	1
23		CLOTH PLATE WASHER	B1116-804-000	07-023-1900	1
24		TENSION SPRING ADJUSTING SCREW	B1649-161-000	07-021-185	1
25		THREAD TRIMMER LINK	B2411-210-000	07-025-1900	1
26		THREAD CUTTER LEVER ASM..LARG	B2414-280-0 A0	03-026.1-185	1
27		THREAD CUTTER LEVER ASM..SMAL	B2415-280-0 A0	03-030-185	1
28		THREAD CUTTING LEVER RING	B2416-280-000	03-029-185	1
29		THREAD CUTTER LEVER SHAFT	B2417-280-000	03-026.2-185	1
30		MOVING KNIFE LINK	B2418-280-000	03-028-185	1
31		MOVING KNIFE ASM.	B2421-280-0A0	03-033-185	1
32	01	MOVING KNIFE WASHER A	B2423-280-00 A	03-032-185	1
37		FIXING KNIFE	B2424-280-000	03-027-185	1
38		ROLLER	B2587-L8W-B00	07-038-1900	1
39		ROLLER SHAFT	D2588-L8W-B00	07-039-1900	1
40		NUT M5	NM-6050001-SP	GB/T6184-2000	1
41		NUT 11/64-40	NS-6110420-SP	7-39-185	2
42		NUT 11/64-40	NS-6110420-SP	7-39-185	2
43		NUT 3/16-28	NS-6120310-SP	11-36-185	1
44		E-RING	RE-0500000 K0	GB/T894.1-1986	1
45		WASHER 5×10.5×1	WP-0501016-SD	11-39-185	1
46		HINGE SCREW D=5.0 H=0.9	SD-0500091-TP	3-54-185	1
47		HINGE SCREW D=5 H=8	SD-0500803-TP	07-047-1900	2
48		HINGE SCREW D=6.5 H=3.1	SD-0650305-TP	07-048-1900	1
49		HINGE SCREW D=7.94 H=3.1	SD-0790311-TP	07-049-1900	1
50		HINGE SCREW H=11 W=3	SD-1100301-TP	07-050-1900	1
51		SCREW 3/32-56 L=2.2	SS-1060210-TP	3-56-185	2
52		SCREW 11/64-40 L=5.5	SS-1110640-TP	3-51-185	4
53		SCREW 11/64-40 L=4.0	SS-6110430-TP	1-8-185	1
54		SCREW 11/64-40 L=7	SS-7110740-TP	10140-780	1
55		SCREW 11/64-40 L=7.8	SS-7110840-SP	10516-780	2
56		SCREW 3/16-28 L=9	SS-6120930-SP	10703-780	2
57		SCREW 9/64-40 L=3.5	SS-7090410-SP	3-59-185	2
58		SCREW 11/64-40 L=7	SS-7110740-TP	3-66-185	1
59		SCREW 15/64-28 L=8	SS-8150822-TP	5-31-185	1
60		SCREW 1/4-40 L=10	SS-8661012-TP	2-19-185	2
61		WASHER 4.8×7.8×0.8	WP-0450846-SP	3-65-185	1
62		WASHER 5.6×16×3.2	WP-0553216-SD	07-062-1900	1
63		NEEDLE HOLE GUIDE	B2426-280-000	03-025-185	1
66		THREAD RELEASE ARM	141-07601	07-066-1900	1
67		TENSION RELEASE NOTCH	B2312-210-D00	07-067-1900	1
68		FIRST THREAD TENSION ASM.	B1115-232-0 A0		1
69		TENSION NUT, NO.1	A3125-002-000	04-011-185	(1)
70		THREAD TENSION DISK	B3126-012-000	15024-780	(2)
71		THREAD TENSION ROD	B3123-352-000	04-009-185	(1)
72		FIRST THREAD TENSION SPRING	B1115-232-000	04-010-185	(1)
73		TENSION RELEASE ARM PIN	141-07809	07-073-1900	1
74		THRUST COLLAR ASM. D=8.0 W=8	CS-080081C-SH	07-074-1900	1
74.1		SCREW 11/64-40 L=4.8		11005-780	2
75		NUT 15/64-28	NS-6150310-SP	10544-780	1
76		SCREW M4 L=6	SM-6040602-TP	GB/T70-1985	2
77		TRIPPING LEVER TENSION SPRING	B2617-771-000	07-077-1900	1
78		CAM FOLLOWER ASM.	141-09250	07-078-1900	1

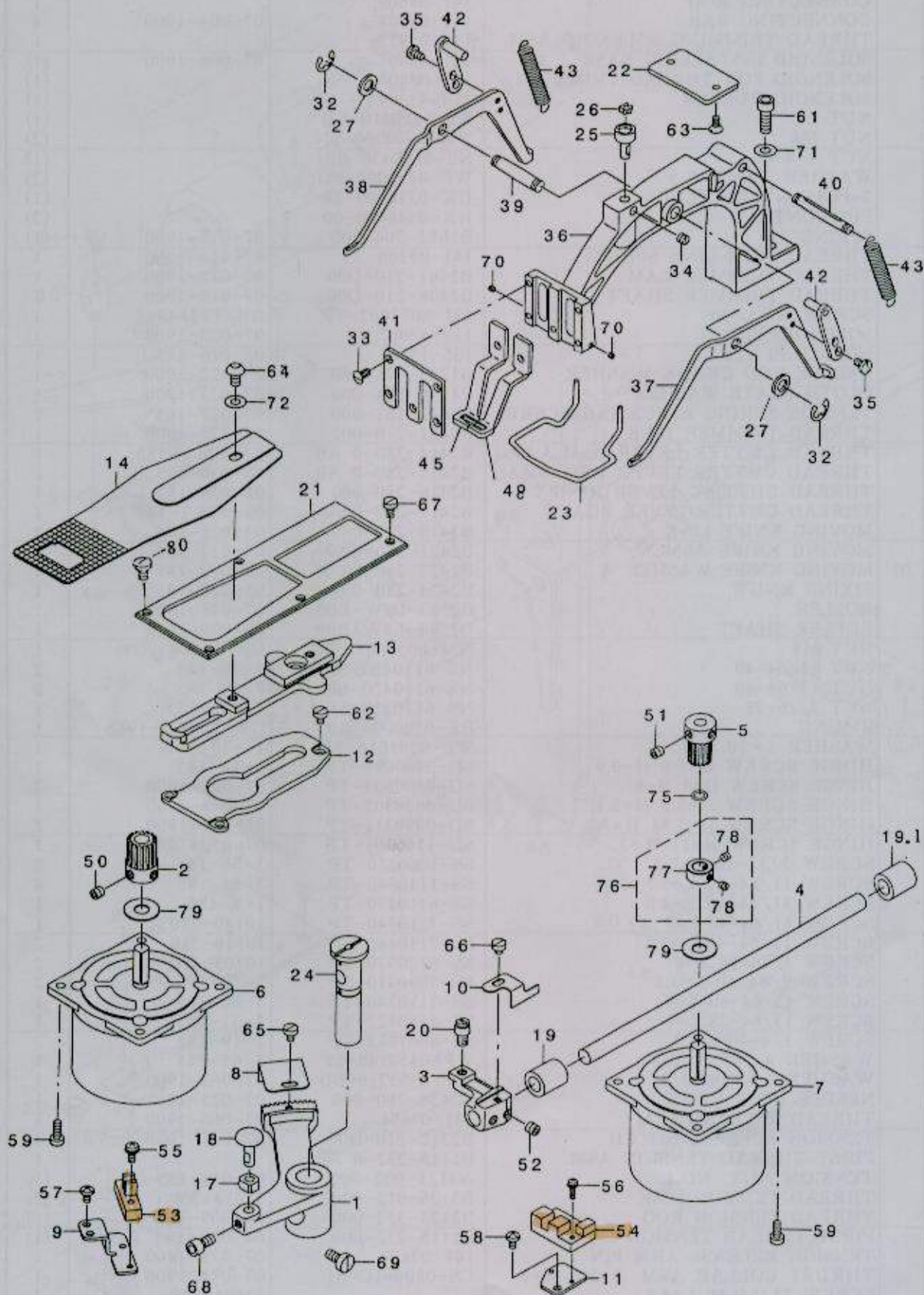
7. TENSION RELEASE & THREAD TRIMMER MECHANISM COMPONENTS



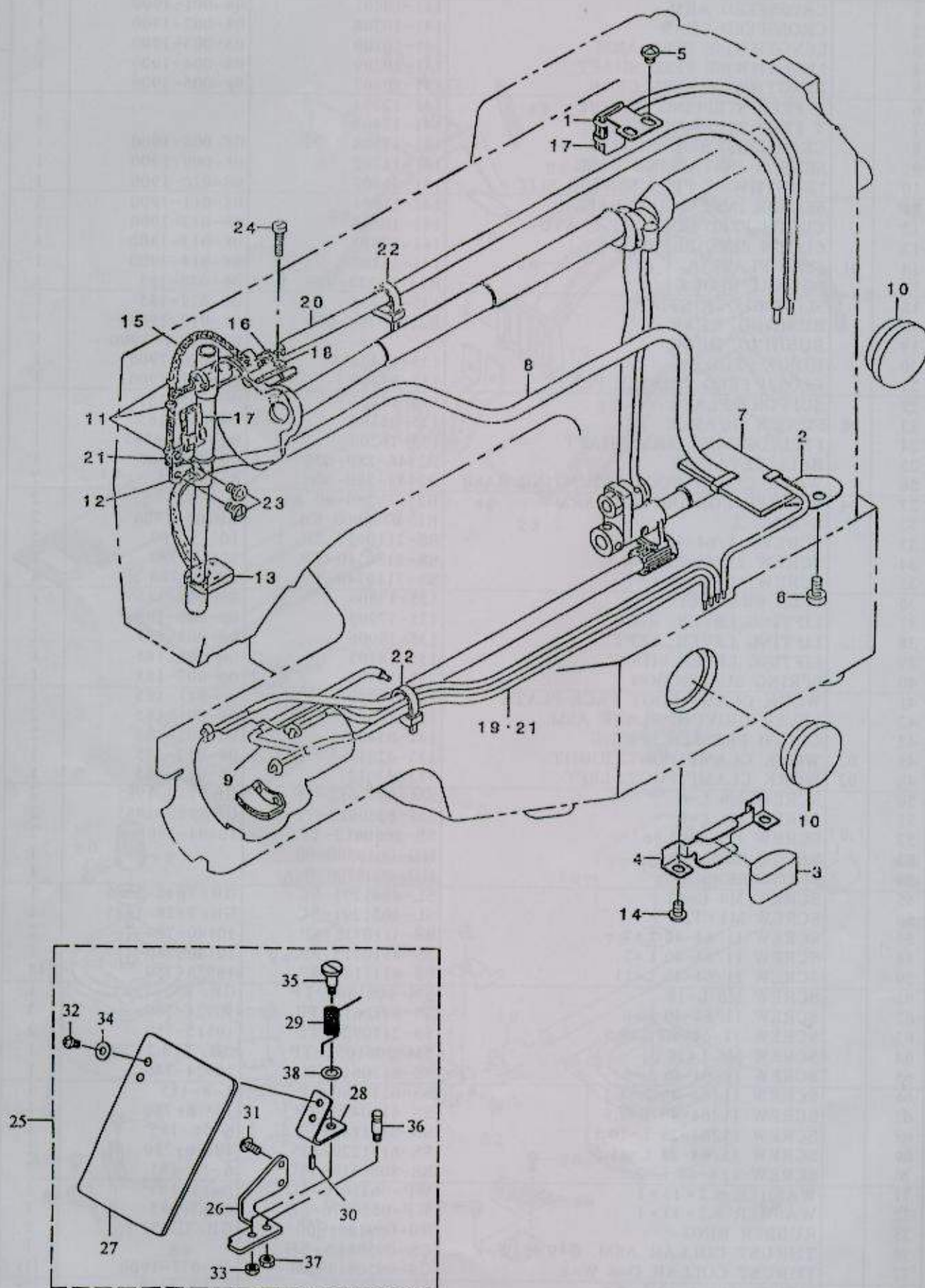
8. FEED MECHANISM COMPONENTS

REF.NO	DESCRIPTION	PART NO		QTY
1	CROSSFEED ARM	141-10001	08-001-1900	1
2	CROSSFEED GEAR	141-10308	08-002-1900	1
3	LENGTHWISE FEED ARM	141-10100	08-003-1900	1
4	LENGTHWISE FEED SHAFT	141-10209	08-004-1900	1
5	LENGTHWISE FEED GEAR	141-10407	08-005-1900	1
6	X FEED STEPPING MOTOR	141-12304		1
7	Y FEED STEPPING MOTOR	141-12403		1
8	CROSSFEED SENSOR SLIT	141-11504	08-008-1900	1
9	SENSOR INSTALLING BASE	141-11702	08-009-1900	1
10	LENGTHWISE FEED SENSOR SLIT	141-36402	08-010-1900	1
11	SENSOR INSTALLING BASE	141-11801	08-011-1900	1
12	CLOTH FEED SUPPORT PLATE	141-10704	08-012-1900	1
13	CLOTH FEED PLATE	141-10811	08-013-1900	1
14	01 FEED PLATE A	141-16107	08-014-1900	1
17	SQUARE BLOCK	B1414-232-000	06-030-185	1
18	SLIDE BLOCK STUD	135-17206	06-029-185	1
19	BUSHING, REAR	B2509-704-000	08-019-1900	1
19.1	BUSHING, REAR		08-019.1-1900	1
20	HINGE STUD	135-17404	08-020-1900	1
21	CLOTH FEED PRESSER PLATE	135-62400	08-021-1900	1
22	08 SUPPORT PLATE	135-18907	06-005-185	1
23	FINGER GUARDE	135-33104	06-010-185	1
24	FEED DRIVING ARM SHAFT	135-16208	06-017A-185	1
25	BALL RETAINER	B2548-280-000	06-006-185	1
26	WORK CLAMP FOOT MOUNTING BASE	B2549-280-000	6-10-185	7
27	04 WASHER FOR DRIVING ARM	B2557-280-00 A	6-3-185	2
32	E-RING 7	RE-0700000 K0	GB896-1986	2
33	SCREW 11/64-40 L=8.7	SS-2110930-SP	10515-780	5
34	SCREW 15/64-28 L=4.7	SS-8150510-TP	11116-780	1
35	SCREW 11/64-40 L=7	SS-7110740-TP	10146-780	4
36	FEED BRACKET	135-17800	06-008-185	1
37	LIFTING LEVER, RIGHT	135-17909	06-009-185	1
38	LIFTING LEVER, LEFT	135-18006	06-003-185	1
39	LIFTING LEVER SHAFT	135-18105	06-004-185	1
40	SPRING SUSPENSION	135-18501	06-007-185	1
41	WORK CLAMP FOOT FACE PLATE	135-18808	06-011-185	1
42	LEVER DRIVING PLATE ASM.	135-18352	06-001-185	2
43	CLOTH PRESSER SPRING	141-05407	06-002-185	2
45	02 WORK CLAMP FOOT, RIGHT	135-42915	06-012-185	1
48	02 WORK CLAMP FOOT, LEFT	135-43012	06-013-185	1
50	SCREW M6 L=6	SM-8060612-TP	GB/T80-1985	2
51	SCREW M6 L=6	SM-8060612-TP	GB/T80-1985	2
52	SCREW 1/4-40 L=6	SS-8660612-TP	10404-780	2
53	PHOTO SENSOR	HD-0013500-00		1
54	PHOTO SENSOR	HD-0005700-0 A		1
55	SCREW M4 L=12	SL-4041291-SC	GB/T818-1985	1
56	SCREW M3 × 12	SL-4031291-SC	GB/T818-1985	1
57	SCREW 11/64-40 L=7	SS-4110715-SP	10140-780	2
58	SCREW 11/64-40 L=7	SS-4110715-SP	10140-780	1
59	SCREW 11/64-40 L=11	SS-6111140-SP	10338-780	8
61	SCREW M6 L=18	SM-6061802-TP	GB/T70-1985	1
62	SCREW 11/64-40 L=6	SS-6110610-TP	10924-780	3
63	SCREW 11/64-40 L=8.5	SS-2110920-TP	10515-780	2
64	SCREW M6 L=10	SM-3061052-TP	GB/T70.2-2000	1
65	SCREW 11/64-40 L=6	SS-6110610-TI	10924-780	1
66	SCREW 11/64-40 L=4.3	SS-6110480-SP	1-8-185	1
67	SCREW 11/64-40 L=7.8	SS-6110420-TP	10516-780	1
68	SCREW 15/64-28 L=10.5	SS-6151142-TP	6-56-185	1
69	SCREW 15/64-28 L=11.5	SS-6151220-SP	10610-780	1
70	SCREW 1/8-44 L=2.8	SS-8080310-TP	6-18-185	2
71	WASHER 6.2 × 13 × 1	WP-0621016-SD	6-13-185	1
72	WASHER 6.2 × 13 × 1	WP-0650876-SD	6-13-185	1
75	RUBBER RING	R0-0691801-00	GB/T3452.1	1
76	THRUST COLLAR ASM. D=9.53 W=8	CS-095081A-SH		1
77	THRUST COLLAR D=8 W=8	CS-0950817-SH	08-077-1900	(1)
78	SCREW 11/64-40 L=3.5	SS-8110410-TP	5-19-1190	(2)
79	RUBBER WASHER	141-12502	08-079-1900	2
80	SCREW 11/64-40 L=4.8		3-51-185	4

8. FEED MECHANISM COMPONENTS



9. LUBRICATION & SAFETY PLATE COMPONENTS



9. LUBRICATION & SAFETY PLATE COMPONENTS

REF.NO	DESCRIPTION	PART NO		QTY
1	OIL SHIELD	141-14102	09-001-1900	1
2	OIL SHIELD	141-14201	09-002-1900	1
3	OIL FELT	141-14300	09-003-1900	1
4	FELT PRESER	141-14409	09-004-1900	1
5	SCREW 11/64-40 L=5	SS-4110515-SP	10158-780	2
6	SCREW 3/16-28 L=9	SS-6120930-SP	10131-780	1
7	OIL FELT	B3509-210-D00	09-007-1900	1
8	ONCE THROUGH OIL FELT	135-29003	09-008-1900	1
9	VINYL PIPE, OIL PORE	135-30357		1
10	OIL GAUGE	B3501-210-000	Ø28	2
11	OIL WICK PRESSER	B1419-026-000	10-004-185	3
12	OIL WICK PRESSER	B3506-280-000	09-012-1900	1
13	FACE FELT	B3507-280-000	09-013-1900	1
14	SCREW 11/64-40 L=7	SS-4110715-SP	10140-780	2
15	OIL WICK	CQ-2000000-00		2.3M
16	BALANCE LUBRICATING PLATE	B3508-280-000	10-010-185	2
17	NEEDLE ROD CRANK LUBRICATING	10-011-185	10-009-185	2
18	BALANCE LUBRICATING	B3518-280-000	10-011-185	1
19	VINYL TUBE	BP-3000001-00		0.7M
20	VINYL PIPE	BP-6000000-00		0.72M
21	OIL WICK	CQ-2522000-00		1.6M
22	CABLE BAND	EA-9500 B01-00		2
23	SCREW 11/64-40 L=7	SS-4110715-SP	10140-780	2
24	SCREW 9/64-40 L=21.2	SS-6092120-SP	10-13-185	1
25	SAFETY PLATE ASM.	135-51254	01-029-185	1
26	SAFETY PLATE INSTALLING BASE	135-51205	01-037-185	1
27	SAFETY PLATE	B3120-372-000	02-002-780	1
28	SAFETY PLATE INSTALLING PLATE	B3121-372-000	02-010-185	1
29	SAFETY PLATE RETURN SPRING	139-43204	02-006-780	1
30	SPRING PIN 2×6	PS-0200062-KH	GB879-76	1
31	SCREW 11/64-40 L=7	SS-4110715-SP	10203-780	2
32	SCREW 11/64-40 L=7	SS-4110715-SP	10203-780	2
33	NUT 11/64-40	NS-6110310-SP	10211-780	1
34	WASHER 4.5×10×0.8	WP-0450801-SD	10204-780	2
35	HINGE SCREW D=6 H=10.2	SD-0601021-SP	10205-780	1
36	TENSION SPRING RACK B	B1506-352-000	10208-780	1
37	NUT 3/16-28	NS-6120310-SP	10142-780	1
38	WASHER 7.4×11.8×0.5	WP-0740516-SP	10207-780	1

高速电子套结机

COMPUTER-CONTROLLED HIGH SPEED LOCKSTITCH BAR TACKING MACHINE

1900T-J SERIES

1903T-k SERIES

TRAVET ELETTRONICO
SUN SPECIAL / JUKI

零件样本

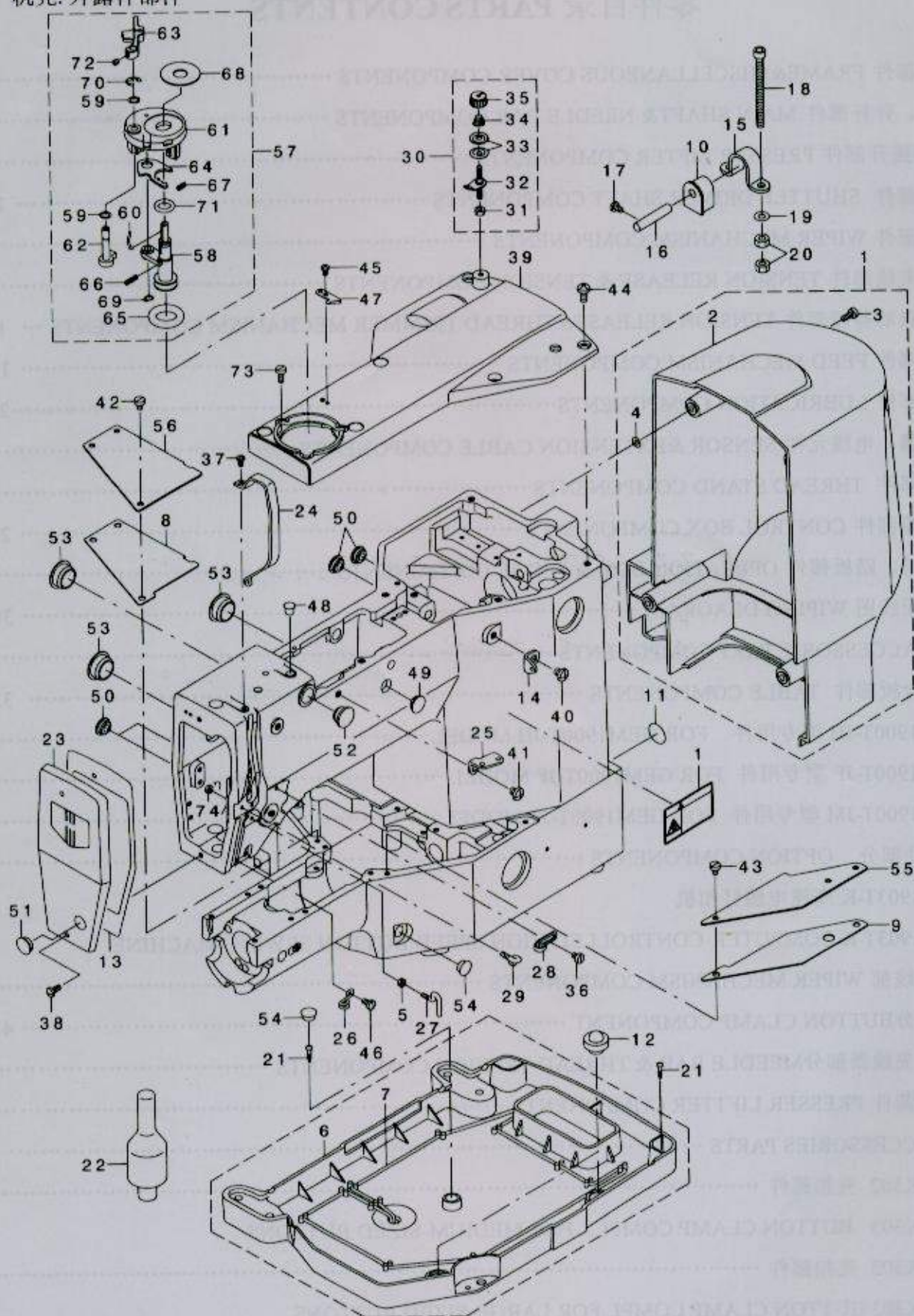
Parts Book

零件目录 PARTS CONTENTS

1. 机壳部件 FRAME&MISCELLANEOUS COVER COMPONENTS	1-4
2. 上轴、针杆部件 MAIN SHAFT& NEEDLE BAR COMPONENTS	5-8
3. 压脚提升部件 PRESSER LIFTER COMPONENTS.....	9-10
4. 下轴部件 SHUTTLE DRIVER SHAFT COMPONENTS	11-12
5. 拨线部件 WIPER MECHANISM COMPONENTS	13
6. 松线夹线部件 TENSION RELEASE & TENSION COMPONENTS	14
7. 松线自动剪线部件 TENSION RELEASE&THREAD TRIMMER MECHANISM COMPONENTS ...	15-18
8. 送料部件 FEED MECHANISM COMPONENTS	19-22
9. 供油部件 LUBRICATION COMPONENTS.....	23-24
10. 传感器、电缆元件 SENSOR &EXTENSION CABLE COMPONENTS.....	25
11. 线架部件 THREAD STAND COMPONENTS	26
12. 控制箱部件 CONTROL BOX COMPONENTS	27-28
13. 操纵箱、踏板部件 OPERATION BOX & PEDAL COMPONENTS	29
14. 电路配线图 WIPING DLAGRAM	30-31
15. 附件 ACCESSORIE PART COMPONENTS	32
16. 机架台板部件 TABLE COMPONENTS	33-34
17. GEM1900T-JH 型专用件 FOR GEM1900T-JH MODEL	35
18. GEM1900T-JF 型专用件 FOR GEM1900T-JF MODEL	36
19. GEM1900T-JM 型专用件 FOR GEM1900T-JF MODEL	37
20. 选择件部分 OPTION COMPONENTS	38
GEM1903T-K 高速电脑钉扣机	
GEM1903T-K COMPUTER-CONTROLLED HIGH SPEED BUTTON SEWING MACHINE	
21. 拨线夹线部 WIPER MECHANISM COMPONENTS	40
22. 扣夹部分 BUTTON CLAMP COMPONENT	41-42
23. 针杆、夹线器部分 MEEDLE BAR & THREAD TENSION COMPONENTS	43
24. 抬压脚部件 PRESSER LIFTTER COMPONENTS	44
25. 附件 ACCESSORIES PARTS	45
26. 1903T-K302 夹扣部件	46
1903T-K303 BUTTON CLAMP COMPL. FOR MEDIUM-SIZED BUTTONS	
27. 1903T-K303 夹扣部件	46
1903T-K303 BUTTON CLAMP COMPL.FOR LARGE-SIZED BUTTONS	
28. 1903T-K304 夹扣部件	46
1903T-K303 BUTTON CLAMP COMPL.FOR VERY SMALL-SIZED BUTTONS	

1. FRAME & MISCELLANEOUS COVER COMPONENTS

机壳. 外露件部件

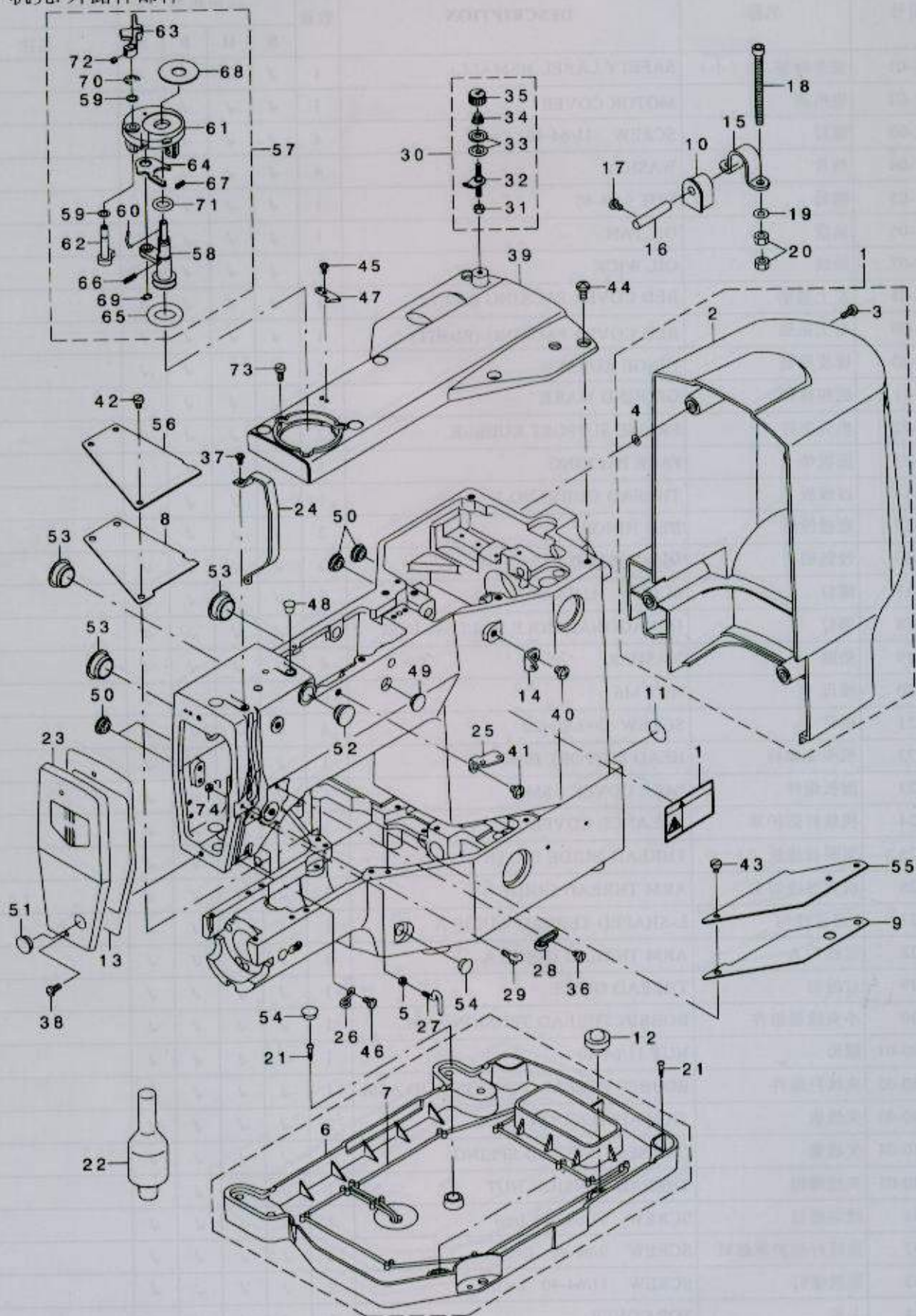


1. 机壳部件 (FRAME&MISCELLANEOUS COVER COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.01-01	安全标签, 3 (小)	SAFETY LABEL,3(SMALL)	1	√	√	√	√	
2	501.01-02	电机盖	MOTOR COVER	1	√	√	√	√	
3	501.01-03	螺钉	SCREW 11/64-40 L=11	4	√	√	√	√	
4	501.01-04	垫片	WASHER	4	√	√	√	√	
5	501.01-05	螺母	NUT 9/64-40	1	√	√	√	√	
6	501.01-06	油盘	OIL PAN	1	√	√	√	√	
7	501.01-07	油线	OIL WICK	1	√	√	√	√	
8	501.01-08	左上盖垫	BED COVER PACKING (LEFT)	1	√	√	√	√	
9	501.01-09	右上盖垫	BED COVER PACKING (RIGHT)	1	√	√	√	√	
10	501.01-10	橡胶胶链	HINGE RUBBER	2	√	√	√	√	
11	501.01-11	底座标牌	GROUND MARK	2	√	√	√	√	
12	501.01-12	机壳支柱	FRAME SUPPORT RUBBER	2	√	√	√	√	
13	501.01-13	面板垫	FACE PACKING	1	√	√	√	√	
14	501.01-14	过线板	THREAD GUIDE NO.1	1	√	√	√	√	
15	501.01-15	底板铰链	BED HINGE	2	√	√	√	√	
16	501.01-16	铰链销	HINGE STUD	2	√	√	√	√	
17	501.01-17	螺钉	SCREW 11/64-40 L=6.5	2	√	√	√	√	
18	501.01-18	螺钉	HEXAGONAL-HOLE BOLT M6 L=75	4	√	√	√	√	
19	501.01-19	垫圈	WASHER	4	√	√	√	√	
20	501.01-20	螺母	NUT M6	8	√	√	√	√	
21	501.01-21	螺钉	SCREW D=3.8L=20	4	√	√	√	√	
22	501.01-22	机头支撑杆	HEAD SUPPORT BAR	1	√	√	√	√	
23	501.01-23	面板组件	FACE COVER ASM.	1	√	√	√	√	
34	501.01-24	挑线杆防护罩	BALANCE COVER	1	√	√	√	√	
25	501.01-25	双眼过线板	THREAD GUIDE PLATE	1	√	√	√	√	
26	501.01-26	机壳过线勾 B	ARM THREAD GUIDE B	1	√	√	√	√	
27	501.01-27	L形过线勾	L-SHAPED THREAD GUIDE A	1	√	√	√	√	
28	501.01-28	过线勾 A	ARM THREAD GUIDE A	1	√	√	√	√	
29	501.01-29	过线勾	THREAD GUIDE	1	√	√	√	√	
30	501.01-30	小夹线器组件	BOBBIN THREAD TENSION ASM.	1	√	√	√	√	
31	501.01-30-01	螺母	NUT 11/64-40	1	√	√	√	√	
32	501.01-30-02	夹线杆组件	BOBBIN THREAD TENSION ROD ASM.	1	√	√	√	√	
33	501.01-30-03	夹线板	THREAD TENSION DISK	2	√	√	√	√	
34	501.01-30-04	夹线簧	CONNECTING ROD SPEING	1	√	√	√	√	
35	501.01-30-05	夹线螺母	THREAD TENSION NUT	1	√	√	√	√	
36	501.01-31	线勾螺钉	SCREW 11/64-40 L=6	1	√	√	√	√	
37	501.01-32	挑线杆防护罩螺钉	SCREW 9/64-40 L=7	2	√	√	√	√	
38	501.01-33	面板螺钉	SCREW 11/64-40 L=10	2	√	√	√	√	
39	501.01-34	上盖	TOP COVER	1	√	√	√	√	

1. FRAME & MISCELLANEOUS COVER COMPONENTS

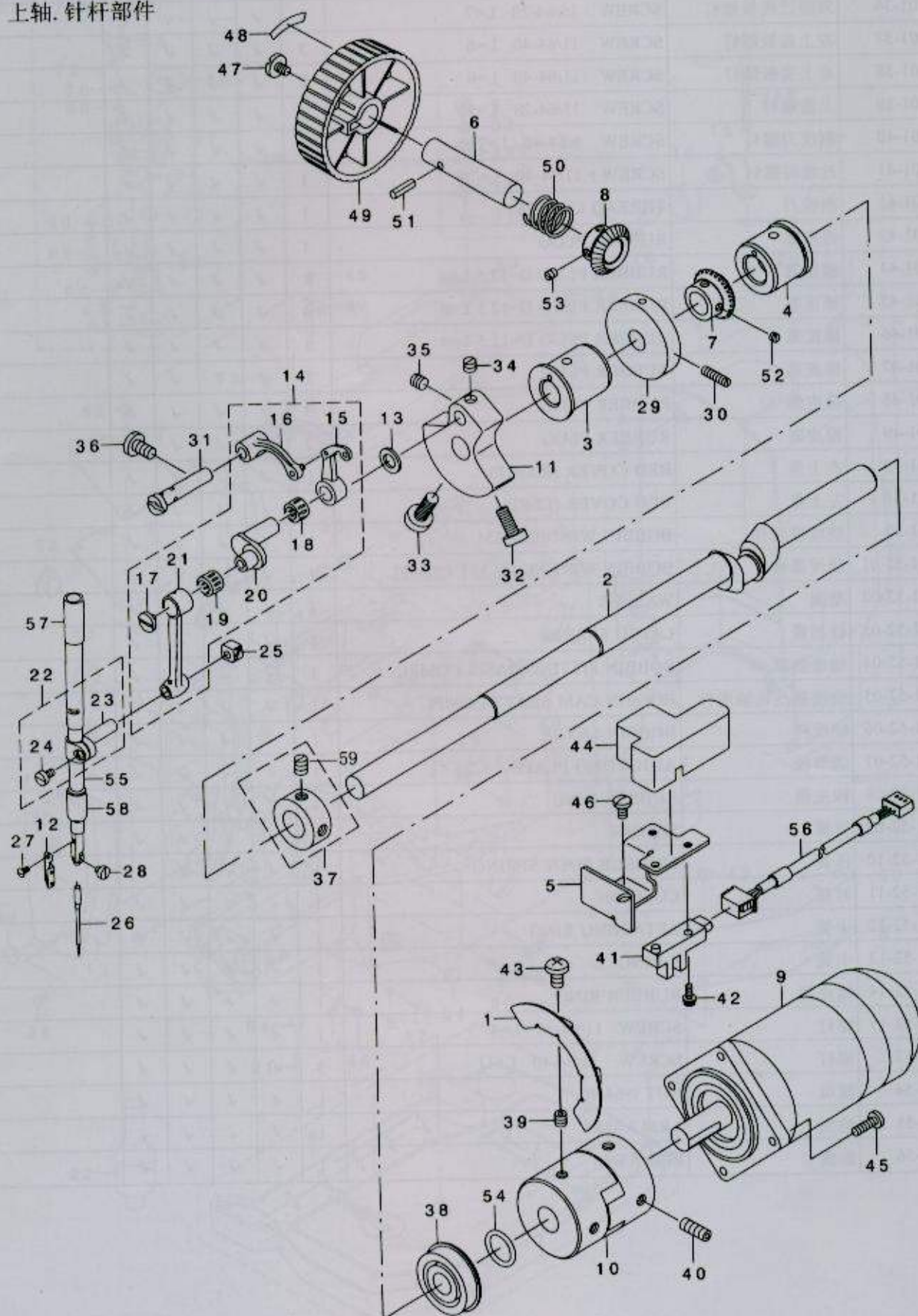
机壳、外露件部件



40	501.01-35	过线板螺钉	SCREW 15/64-28 L=7	1	✓	✓	✓	✓	
41	501.01-36	双眼过线板螺钉	SCREW 15/64-28 L=7	1	✓	✓	✓	✓	
42	501.01-37	左上盖板螺钉	SCREW 11/64-40 L=6	3	✓	✓	✓	✓	
43	501.01-38	右上盖板螺钉	SCREW 11/64-40 L=6	2	✓	✓	✓	✓	
44	501.01-39	上盖螺钉	SCREW 15/64-28 L=12	6	✓	✓	✓	✓	
45	501.01-40	割线刀螺钉	SCREW 9/64-40 L=7	1	✓	✓	✓	✓	
46	501.01-41	过线勾螺钉	SCREW 11/64-40 L=7.8	1	✓	✓	✓	✓	
47	501.01-42	割线刀	THREAD CUTTER	1	✓	✓	✓	✓	
48	501.01-43	橡皮塞	RUBBER PLUG	1	✓	✓	✓	✓	
49	501.01-44	橡皮塞	RUBBER PLUG D=12.5 L=4	1	✓	✓	✓	✓	
50	501.01-45	橡皮塞	RUBBER PLUG D=12.5 L=4	4	✓	✓	✓	✓	
51	501.01-46	橡皮塞	RUBBER PLUG D=12.5 L=4	1	✓	✓	✓	✓	
52	501.01-47	橡皮塞	RUBBER PLUG	1	✓	✓	✓	✓	
53	501.01-48	橡皮塞	RUBBER PLUG	3	✓	✓	✓	✓	
54	501.01-49	橡皮塞	RUBBER PLUG	2	✓	✓	✓	✓	
55	501.01-50	右上盖	BED COVER (RIGHT)	1	✓	✓	✓	✓	
56	501.01-51	左上盖	BED COVER (LEFT)	1	✓	✓	✓	✓	
57	501.01-52	绕线器组件	BOBBIN WINDER ASM.	1	✓	✓	✓	✓	
58	501.01-52-01	绕线器轴	BOBBIN WINDER SHAFT COMPL.	1	✓	✓	✓	✓	
59	501.01-52-02	垫圈	WASHER	1	✓	✓	✓	✓	
60	501.01-52-03	锁扣簧	LATCH SPRING	1	✓	✓	✓	✓	
61	501.01-52-04	绕线器座	BOBBIN FITTING BASIS COMPL.	1	✓	✓	✓	✓	
62	501.01-52-05	绕线器凸轮轴组件	BOBBIN CAM SHAFT COMPL.	1	✓	✓	✓	✓	
63	501.01-52-06	绕线杆	BOBBIN LEVER	1	✓	✓	✓	✓	
64	501.01-52-07	调节板	ADJUSTING PLATE	1	✓	✓	✓	✓	
65	501.01-52-08	橡皮圈	RUBBER RING	1	✓	✓	✓	✓	
66	501.01-52-09	弹簧	SPRING	1	✓	✓	✓	✓	
67	501.01-52-10	压簧	PRESSUR FOOT SPRING	1	✓	✓	✓	✓	
68	501.01-52-11	衬垫	CUSHION	1	✓	✓	✓	✓	
69	501.01-52-12	卡簧	RETAINING RING	1	✓	✓	✓	✓	
70	501.01-52-13	卡簧	E-RING	1	✓	✓	✓	✓	
71	501.01-52-14	橡皮圈	RUBBER RING	1	✓	✓	✓	✓	
72	501.01-52-15	螺钉	SCREW 11/64-40 L=4	1	✓	✓	✓	✓	
73	501.01-53	螺钉	SCREW 11/64-40 L=11	3	✓	✓	✓	✓	
74	501.01-54	螺母	NUT 9/64-40	1	✓	✓	✓	✓	
75	501.01-55	机壳	ARM ASM.	1	✓	✓	✓	✓	
76	501.01-56	底板	BED ASM.	1	✓	✓	✓	✓	

2. MAIN SHAFT & NEEDLE BAR COMPONENTS

上轴. 针杆部件

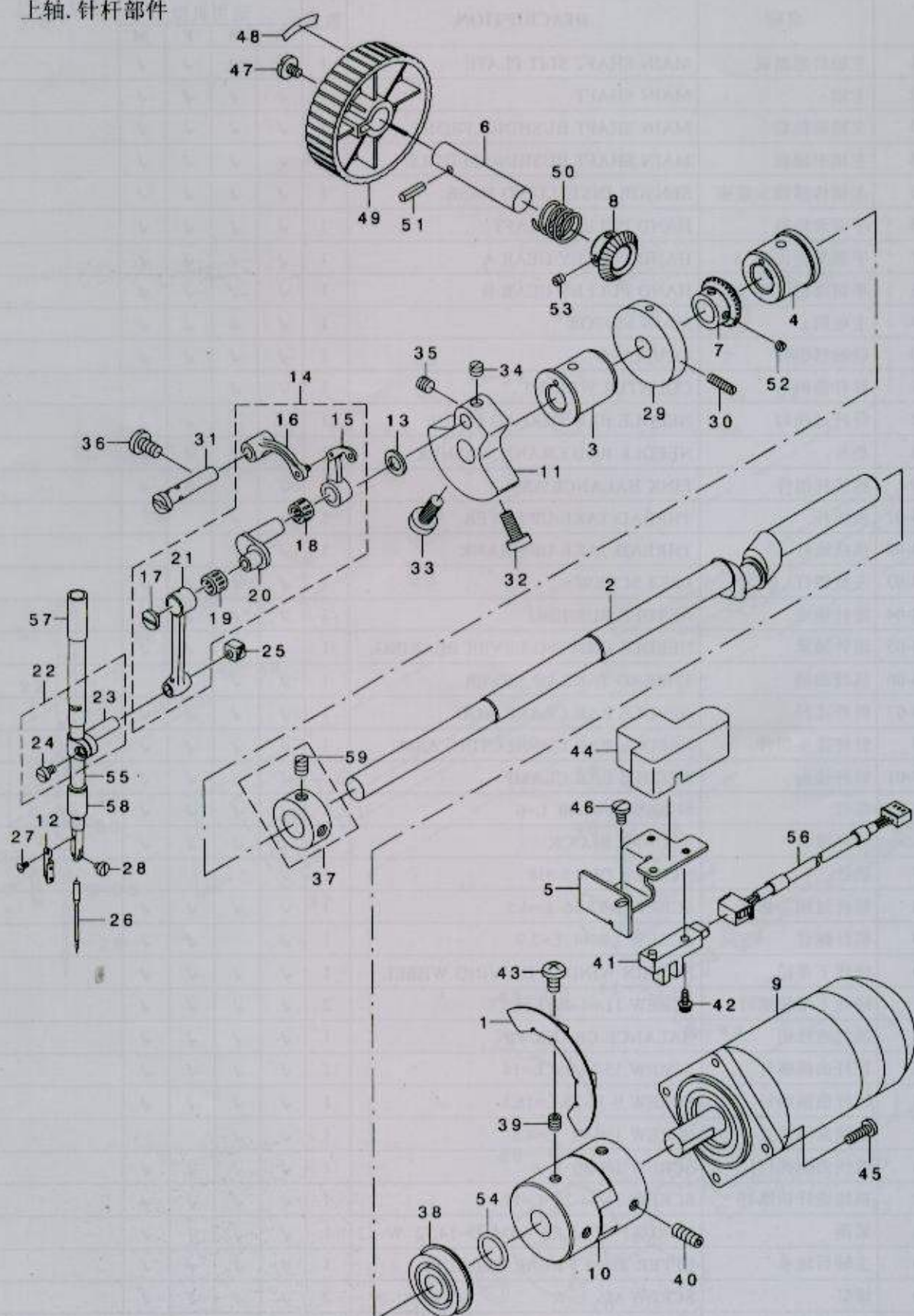


2.上轴、针杆部件(MAIN SHAFT & NEEDLE BAR COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.02-01	主轴传感器板	MAIN SHAFT SLIT PLATE	1	✓	✓	✓	✓	
2	501.02-02	主轴	MAIN SHAFT	1	✓	✓	✓	✓	
3	501.02-03	主轴前轴套	MAIN SHAFT BUSHING ,FRONT	1	✓	✓	✓	✓	
4	501.02-04	主轴中轴套	MAIN SHAFT BUSHING,MIDDLE	1	✓	✓	✓	✓	
5	501.02-05	主轴传感器安装座	SENSOR INSTALLING BASE	1	✓	✓	✓	✓	
6	501.02-06	手调滑轮轴	HAND PULLEY SHAFT	1	✓	✓	✓	✓	
7	501.02-07	手调滑轮齿轮 A	HAND PULLEY GEAR A	1	✓	✓	✓	✓	
8	501.02-08	手调滑轮齿轮 B	HAND PULLEY GEAR B	1	✓	✓	✓	✓	
9	501.02-09	主电机	MAIN MOTOR	1	✓	✓	✓	✓	
10	501.02-10	联轴器组件	COUPLING	1	✓	✓	✓	✓	
11	501.02-11	针杆曲柄	COUNTER WEIGHT	1	✓	✓			
12	501.02-12	针杆过线勾	NEEDLE BAR THREAD GUIDE	1	✓		✓	✓	
13	501.02-13	垫片	NEEDLE ROD CRANK WASHER	1	✓	✓	✓	✓	
14	501.02-14	挑线杆组件	LINK BALANCE ASM.	1	✓	✓	✓	✓	
15	501.02-14-01	挑线杆	THREAD TAKE-UP LEVER	1	✓	✓			
16	501.02-14-02	挑线连杆	THREAD TAKE-UP CRANK	1	✓	✓			
17	501.02-14-03	左旋螺钉	LEFT SCREW	1	✓	✓	✓	✓	
18	501.02-14-04	滚针轴承	NEEDLE BUSHING	1	✓	✓	✓	✓	
19	501.02-14-05	滚针轴承	NEEDLE DRIVING LEVER BEARING.	1	✓	✓	✓	✓	
20	501.02-14-06	挑线曲柄	THREAD TAKE-UP LEVER	1	✓	✓			
21	501.02-14-07	针杆连杆	NEEDLE BAR CRANK ROD	1	✓	✓	✓	✓	
22	501.02-15	针杆接头组件	NEEDLE BAR CONNECTING ASM.	1	✓	✓	✓	✓	
23	501.02-15-01	针杆接头	NEEDLE BAR CLAMP	1	✓	✓	✓	✓	
24	501.02-15-02	螺钉	SCREW 9/64-40 L=6	1	✓	✓	✓	✓	
25	501.02-16	针杆滑块	SQUARE BLOCK	1	✓	✓	✓	✓	
26	501.02-17	机针	NEEDLE DP×5 #16	1	✓				
27	501.02-18	针杆过线勾螺钉	SCREW 3/32-56 L=4.5	1	✓	✓	✓	✓	
28	501.02-19	机针螺钉	SCREW 1/8-44 L=2.9	1	✓		✓	✓	
29	501.02-20	绕线下带轮	BOBBIN WINDER DRIVING WHEEL	1	✓	✓	✓	✓	
30	501.02-21	绕线下带轮螺钉	SCREW 11/64-40 L=15.5	2	✓	✓	✓	✓	
31	501.02-22	挑线连杆销	BALANCE CRANK PIN	1	✓	✓	✓	✓	
32	501.02-23	针杆曲柄螺钉	SCREW 15/64-28 L=14	1	✓	✓	✓	✓	
33	501.02-24	针杆曲柄螺钉	SCREW 9-32-28 L=16.5	1	✓	✓	✓	✓	
34	501.02-25	挑线曲柄螺钉	SCREW 1/4-40 L=4.5	1	✓	✓			
35	501.02-26	挑线曲柄螺钉	SCREW 1/4-40 L=6	1	✓	✓	✓	✓	
36	501.02-27	挑线连杆销螺钉	SCREW 15/64-28 L=11	1	✓	✓	✓	✓	
37	501.02-28	紧圈	THRUST COLLAR ASM. D=14.72 W=12	1	✓	✓	✓	✓	
38	501.02-29	主轴后轴承	UPPER SHAFT REAR BEARING	1	✓	✓	✓	✓	
39	501.02-30	螺钉	SCREW M6 L=6	2	✓	✓	✓	✓	
40	501.02-31	联轴器螺钉	SCREW M6×16	2	✓	✓	✓	✓	
41	501.02-32	主轴传感器	PHOTO SENSOR	1	✓	✓	✓	✓	
42	501.02-33	主轴传感器螺钉	SCREW M4 L=12	1	✓	✓	✓	✓	

2. MAIN SHAFT & NEEDLE BAR COMPONENTS

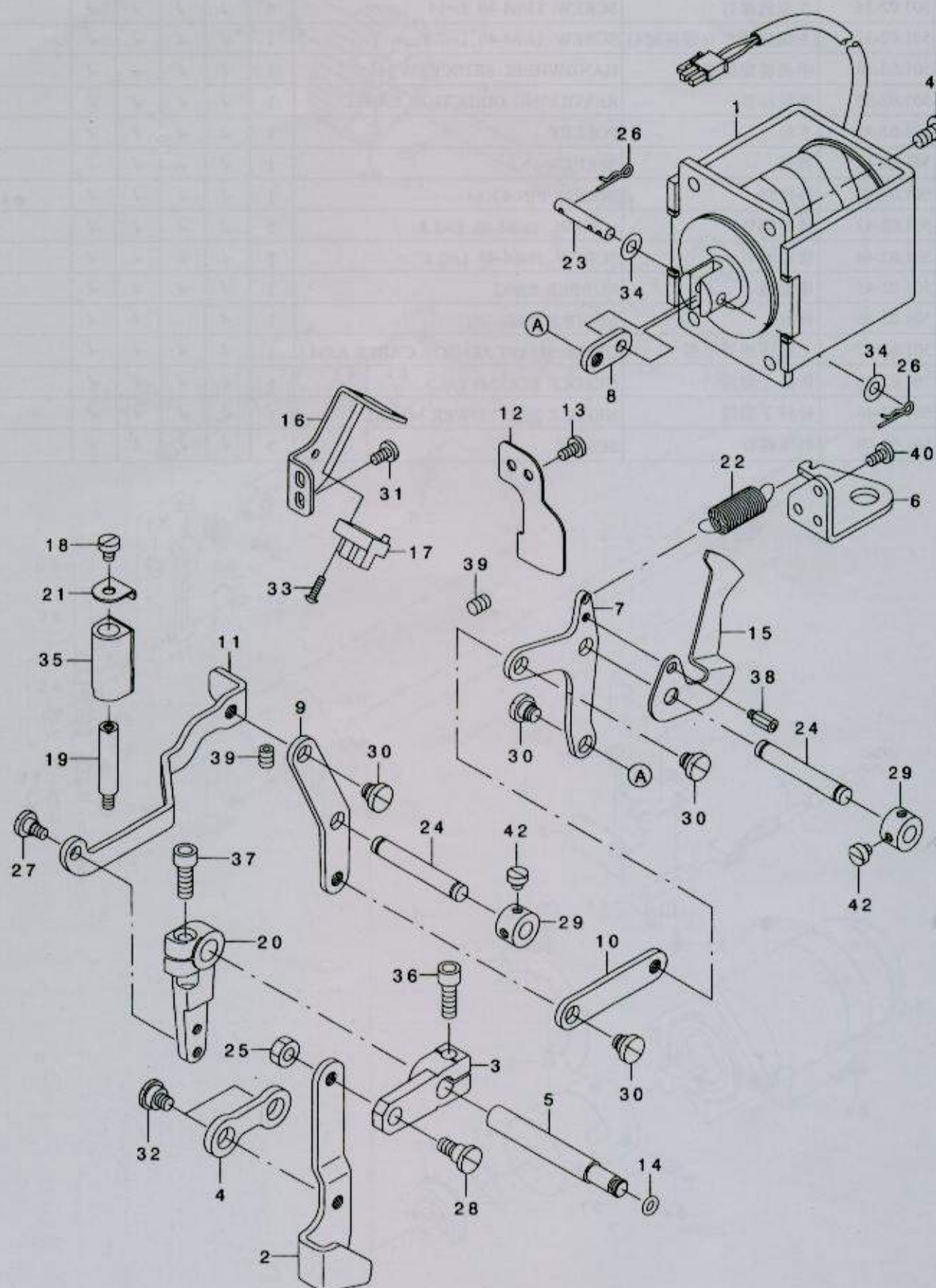
上轴. 针杆部件



43	501.02-34	螺钉	SCREW	2	✓	✓	✓	✓	
44	501.02-35	主轴传感器盖	MAIN SHAFT SENSOR COVER	1	✓	✓	✓	✓	
45	501.02-36	主电机螺钉	SCREW 11/64-40 L=14	4	✓	✓	✓	✓	
46	501.02-37	主轴传感器安装座螺钉	SCREW 11/64-40 L=7.8	1	✓	✓	✓	✓	
47	501.02-38	手调轮定位螺钉	HANDWHEEL SETSCREW M6	1	✓	✓	✓	✓	
48	501.02-39	手轮标签	REVOLVING DIRECTION LABEL	1	✓	✓	✓	✓	
49	501.02-40	手轮	POLLEY	1	✓	✓	✓	✓	
50	501.02-41	弹簧	SPRING	1	✓	✓	✓	✓	
51	501.02-42	弹簧销	SPRING PIN 4×14	1	✓	✓	✓	✓	Φ4×14
52	501.02-43	齿轮螺钉	SCREW 11/64-40 L=2.8	2	✓	✓	✓	✓	
53	501.02-44	齿轮螺钉	SCREW 11/64-40 L=2.8	2	✓	✓	✓	✓	
54	501.02-45	橡皮圈	RUBBER RING	1	✓	✓	✓	✓	
55	501.02-46	针杆	NEEDLE BAR	1	✓		✓	✓	
56	501.02-47	上轴传感器电缆	UPPER SHAFT SENSOR CABLE ASM.	1	✓	✓	✓	✓	
57	501.02-48	针杆上套筒	NEEDLE ROD METAL	1	✓	✓	✓	✓	
58	501.02-49	针杆下套筒	NEEDLE ROD LOWER METAL	1	✓	✓	✓	✓	
59	501.02-50	挡圈螺钉	SCREW	2	✓	✓	✓	✓	

3. PRESSER LIFTER COMPONENTS

压脚提升部件

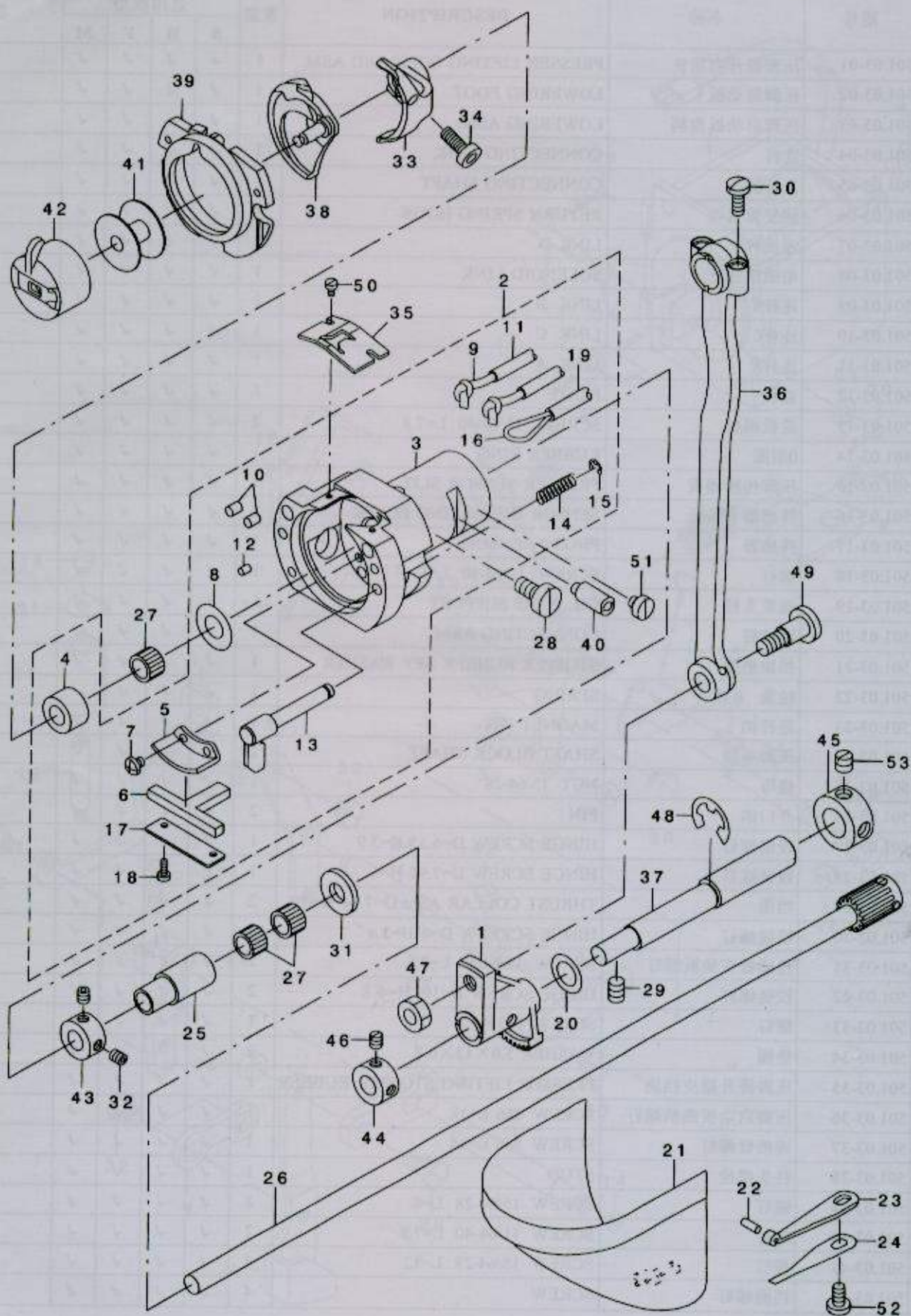


3.压脚提升部件 (PRESSER LIFTER COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.03-01	压脚提升电磁铁	PRESSER LIETING SOLENOID ASM.	1	✓	✓	✓	✓	
2	501.03-02	压脚启动板	LOWERING FOOT	1	✓	✓	✓	✓	
3	501.03-03	压脚启动板曲柄	LOWERING ASM.	1	✓	✓	✓	✓	
4	501.03-04	连杆	CONNECTING LINK	1	✓	✓	✓	✓	
5	501.03-05	连接轴	CONNECTING SHAFT	1	✓	✓	✓	✓	
6	501.03-06	回复弹簧勾	RETURN SPRING HOOK	1	✓	✓	✓	✓	
7	501.03-07	连接杆D	LINK D	1	✓	✓	✓	✓	
8	501.03-08	电磁铁连杆	SOLENOID LINK	1	✓	✓	✓	✓	
9	501.03-09	连杆B	LINK B	1	✓	✓	✓	✓	
10	501.03-10	连杆C	LINK C	1	✓	✓	✓	✓	
11	501.03-11	连杆A	LINK A	1	✓	✓	✓	✓	
12	501.03-12	盖板	PLATE	1	✓	✓	✓	✓	
13	501.03-13	盖板螺钉	SCREW 11/64-40 L=7.8	2	✓	✓	✓	✓	
14	501.03-14	O型圈	RUBBER RING	1	✓	✓	✓	✓	
15	501.03-15	压脚传感器板	PRESSER SENSOR SLIT	1	✓	✓	✓	✓	
16	501.03-16	传感器安装板	SENSOR INSTALLING PLATE	1	✓	✓	✓	✓	
17	501.03-17	传感器	PHOTO SENSOR	1	✓	✓	✓	✓	
18	501.03-18	螺钉	SCREW 11/64-40 L=6	1	✓	✓	✓	✓	
19	501.03-19	油泵支柱	OIL PUMP SUPPORT	1	✓	✓	✓	✓	
20	501.03-20	连接臂	CONNECTING ARM	1	✓	✓	✓	✓	
21	501.03-21	挡块垫圈	STOPPER RUBBER SET WASHER	1	✓	✓	✓	✓	
22	501.03-22	拉簧	SPRING	1	✓	✓	✓	✓	
23	501.03-23	连杆销	MAGNET PIN	1	✓	✓	✓	✓	
24	501.03-24	压脚座轴	SHAFT BLOCK SHAFT	2	✓	✓	✓	✓	
25	501.03-25	螺母	NUT 15/64-28	1	✓	✓	✓	✓	
26	501.03-26	开口销	PIN	2	✓	✓	✓	✓	
27	501.03-27	铰链螺钉	HINGE SCREW D=6.35 H=3.9	1	✓	✓	✓	✓	
28	501.03-28	铰链螺钉	HINGE SCREW D=7.94 H=6	1	✓	✓	✓	✓	
29	501.03-29	挡圈	THRUST COLLAR ASM.D=7.94 W=10	2	✓	✓	✓	✓	
30	501.03-30	铰链螺钉	HINGE SCREW D=8 H=3.4	4	✓	✓	✓	✓	
31	501.03-31	传感器安装板螺钉	SCREW 11/64-40 L=7.8	2	✓	✓	✓	✓	
32	501.03-32	铰链螺钉	HINGE SCREW D=10 H=4	2	✓	✓	✓	✓	
33	501.03-33	螺钉	SCREW M3×12	1	✓	✓	✓	✓	
34	501.03-34	垫圈	WASHER 5.6×12×0.8	2	✓	✓	✓	✓	
35	501.03-35	压脚提升橡皮挡块	PRESSER LIFTING STOPPER RUBBER	1	✓	✓	✓	✓	
36	501.03-36	压脚启动板曲柄螺钉	SCREW M6 L=18	1	✓	✓	✓	✓	
37	501.03-37	连接臂螺钉	SCREW M6 L=18	1	✓	✓	✓	✓	
38	501.03-38	柱头螺栓	STUD	1	✓	✓	✓	✓	
39	501.03-39	螺钉	SCREW 15/64-28 L=8	2	✓	✓	✓	✓	
40	501.03-40	螺钉	SCREW 11/64-40 L=7.8	2	✓	✓	✓	✓	
41	501.03-41	螺钉	SCREW 15/64-28 L=12	4	✓	✓	✓	✓	
42	501.03-42	挡圈螺钉	SCREW	4	✓	✓	✓	✓	

4. SHUTTLE DRIVER SHAFT COMPONENTS

下轴部件

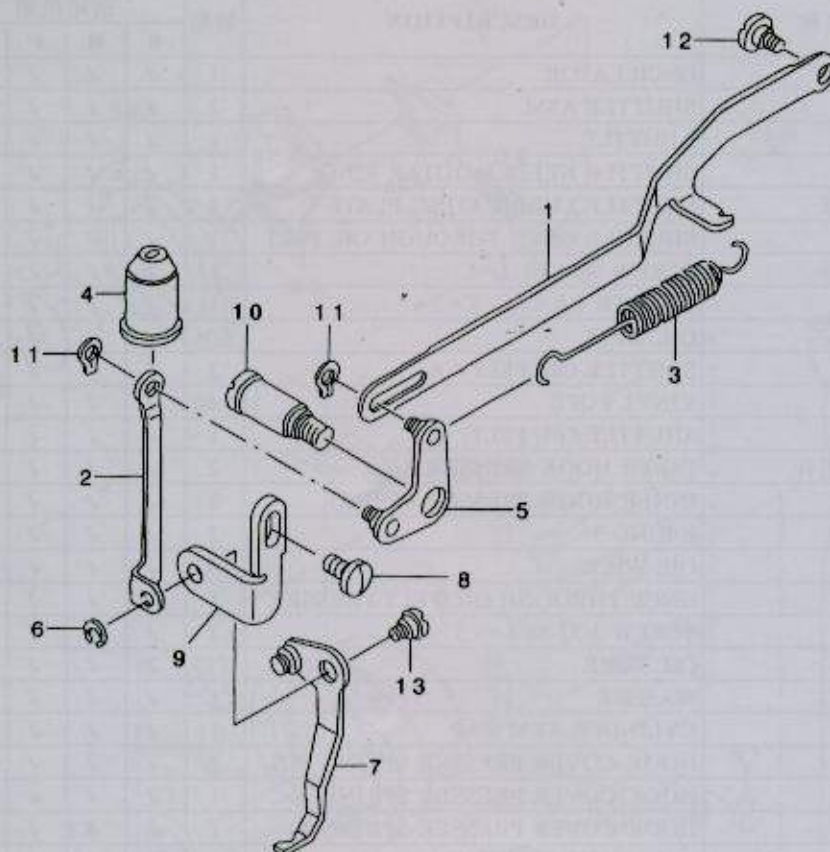


4. 下轴部件 (SHUTTLE DRIVER SHAFT COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.04-01	摆动齿轮	OSCILLATOR	1	✓	✓	✓	✓	
2	501.04-02	旋梭组件	SHUTTLE ASM.	1	✓	✓	✓	✓	
3	501.04-02-01	梭床体	AHUTTLE	1	✓	✓	✓	✓	
4	501.04-02-02	衬套	SHUTTLE NEEDLE OUTER RING	1	✓	✓	✓	✓	
5	501.04-02-03	旋梭润滑板	SHUTTLE LUBRICATING PLATE	1	✓	✓	✓	✓	
6	501.04-02-04	油毡	SHUTTLE ONCE THROUGH OIL FELT	1	✓	✓	✓	✓	
7	501.04-02-05	螺钉	SCREW 9/64-40 L=4	1	✓	✓	✓	✓	
8	501.04-02-06	垫圈	WASHER 9.5×14, 8×2.6	1	✓	✓	✓	✓	
9	501.04-02-07	油芯	OIL WICK	1.06	✓	✓	✓	✓	
10	501.04-02-08	油毡	SHUTTLE OIL FELT, A	2	✓	✓	✓	✓	
11	501.04-02-09	油管	VINYL POPE	0.66	✓	✓	✓	✓	
12	501.04-02-10	油毡	SHUTTLE OIL FELT, B	1	✓	✓	✓	✓	
13	501.04-02-11	梭床压板组件	INNER HOOK PRESSER ASM.	2	✓	✓	✓	✓	
14	501.04-02-12	弹簧	INNER HOOK PRESSER SPRING	2	✓	✓	✓	✓	
15	501.04-02-13	卡簧	E-RING 3	2	✓	✓	✓	✓	
16	501.04-02-14	油芯	OIL WICK	0.43	✓	✓	✓	✓	
17	501.04-02-15	油毡压板	ONCE THROUGH OIL FELT PRESSER	1	✓	✓	✓	✓	
18	501.04-02-16	螺钉	SCREW 3/32-56 L=3.5	2	✓	✓	✓	✓	
19	501.04-02-17	油管	OIL TUBE	0.19	✓	✓	✓	✓	
20	501.04-02-18	垫圈	WASHER	1	✓	✓	✓	✓	
21	501.04-03	罩壳	CYLINDER ARM CAP	1	✓	✓	✓	✓	
22	501.04-04	压簧销	HOOK COVER PRESSER SPRING PIN	1	✓	✓	✓	✓	
23	501.04-05	压簧A	HOOK COVER PRESSER SPRING A	1	✓	✓	✓	✓	
24	501.04-06	压簧B	HOOK COVER PRESSER SPRING B	1	✓	✓	✓	✓	
25	501.04-07	下轴后套	LOWER SHAFT REAR METAL	1	✓	✓	✓	✓	
26	501.04-08	齿轮轴组件	LOWER SHAFT GEAR A ASM.	1	✓	✓	✓	✓	
27	501.04-09	滚针轴承	BEARING(A)	3	✓	✓	✓	✓	
28	501.04-10	旋床体螺钉	SCREW 15/64-28 L=11.5	1	✓	✓	✓	✓	
29	501.04-11	摆动齿轮轴螺钉	SCREW 15/64-28 L=8	2	✓	✓	✓	✓	
30	501.04-12	摆动连杆螺钉	SCREW 11/64-40 L=10.5	2	✓	✓	✓	✓	
31	501.04-13	下轴垫圈	LOWER SHAFT THRUST WASHER	1	✓	✓	✓	✓	
32	501.04-14	挡圈螺钉	SCREW	2	✓	✓	✓	✓	
33	501.04-15	旋梭驱动器	SHUTTLE DRIVER	1	✓	✓	✓	✓	
34	501.04-16	螺钉	SCREW 3/16-28 L=12.0	1	✓	✓	✓	✓	
35	501.04-17	旋梭分线板	SHUTTLE UPPER SPRING	1	✓	✓			
36	501.04-18	摆杆连杆	CRANK POD	1	✓	✓	✓	✓	
37	501.04-19	摆动齿轮轴	OSCILLATING ECCENTRIC SHAFT	1	✓	✓	✓	✓	
38	501.04-20	摆梭	INNER HOOK	1	✓		✓	✓	
39	501.04-21	梭床组件	INNER HOOK PRESSER ASM.	1	✓				
40	501.04-22	旋梭调节轴	SHUTTLE RACE ADJUSTING SHAFT	1	✓	✓	✓	✓	
41	501.04-23	梭心	BOBBIN	1	✓	✓	✓	✓	
42	501.04-24	梭心套组件	BIBBIN CASE ASM.(RACING PREVE)	1	✓	✓	✓	✓	
43	501.04-25	紧圈	THRUST COLLAR ASM.D=8.0 W=8	1	✓	✓	✓	✓	
44	501.04-26	紧圈	THRUST COLLAR	1	✓	✓	✓	✓	
45	501.04-27	紧圈	THRUST COLLAR ASM. D=12 W=10	1	✓	✓	✓	✓	
46	501.04-28	螺钉	SCREW 11/64-40 L=4.5	2	✓	✓	✓	✓	
47	501.04-29	螺母	NUT 1/4-40	1	✓	✓	✓	✓	
48	501.04-30	卡簧	E-RING 9	1	✓	✓	✓	✓	
49	501.04-31	轴位螺钉	HINGE SCREW D=8 H=10.2	1	✓	✓	✓	✓	
50	501.04-32	旋梭分线板螺钉	SCREW 3/32-56 L=3.5	2	✓	✓	✓	✓	
51	501.04-33	螺钉	SCREW 11/64-40 L=4.3	1	✓	✓	✓	✓	
52	501.04-34	压簧螺钉	SCREW 11/64-40 L=7.8	1	✓	✓	✓	✓	
53	501.04-35	挡圈螺钉	SCREW	2	✓	✓	✓	✓	

5. WIPER MECHANISM COMPONENTS

拔线部件

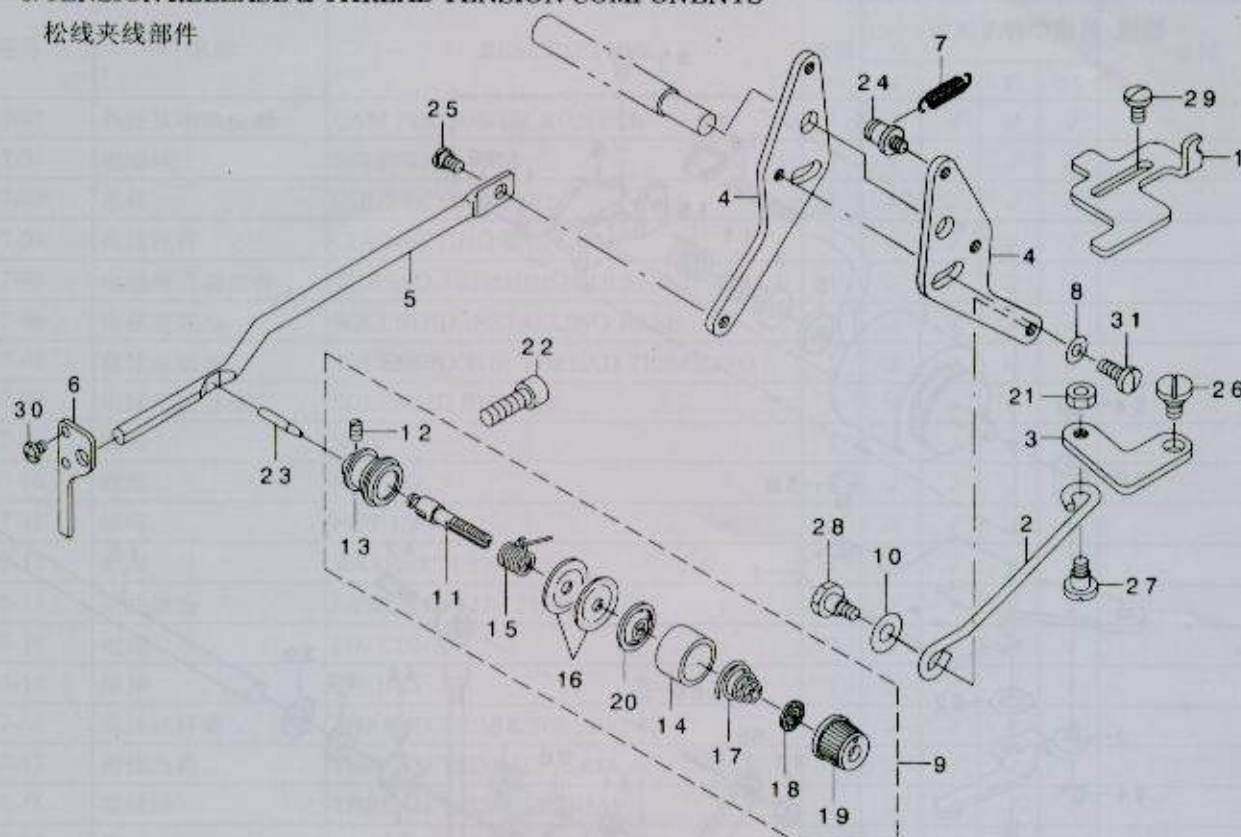


5. 拔线部件 (WIPER MECHANISM COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.05-01	拔线连杆	WIPER CONNECTING LINK	1	✓	✓	✓	✓	
2	501.05-02	拔线连接板	WIPER CONNECTING PLATE	1	✓	✓	✓	✓	
3	501.05-03	弹簧	SPRING	1	✓	✓	✓	✓	
4	501.05-04	挡油盖	OIL SHIELD CAP	1	✓	✓	✓	✓	
5	501.05-05	拔线连接螺钉板	WIPER CONNECTING SCREW	1	✓	✓	✓	✓	
6	501.05-06	卡簧	SMAP RING	1	✓	✓	✓	✓	
7	501.05-07	拔线器组件	WIPER ASM	1	✓		✓	✓	
8	501.05-08	螺钉	SCREW 11/64-40 L=7.8	1	✓	✓	✓	✓	
9	501.05-09	拔线器底板	WIPER BASE PLATE	1	✓	✓	✓	✓	
10	501.05-10	拔线连接螺钉	WIPER CONNECTING SCREW	1	✓	✓	✓	✓	
11	501.05-11	卡簧	RETAINING RING 4.7	2	✓	✓	✓	✓	
12	501.05-12	轴位螺钉	HINGE SCREW D=5.3 H=2.2	1	✓	✓	✓	✓	
13	501.05-13	轴位螺钉	HINGE SCREW D=6.35 H=2.1	1	✓	✓	✓	✓	

6. TENSION RELEASE & THREAD TENSION COMPONENTS

松线夹线部件

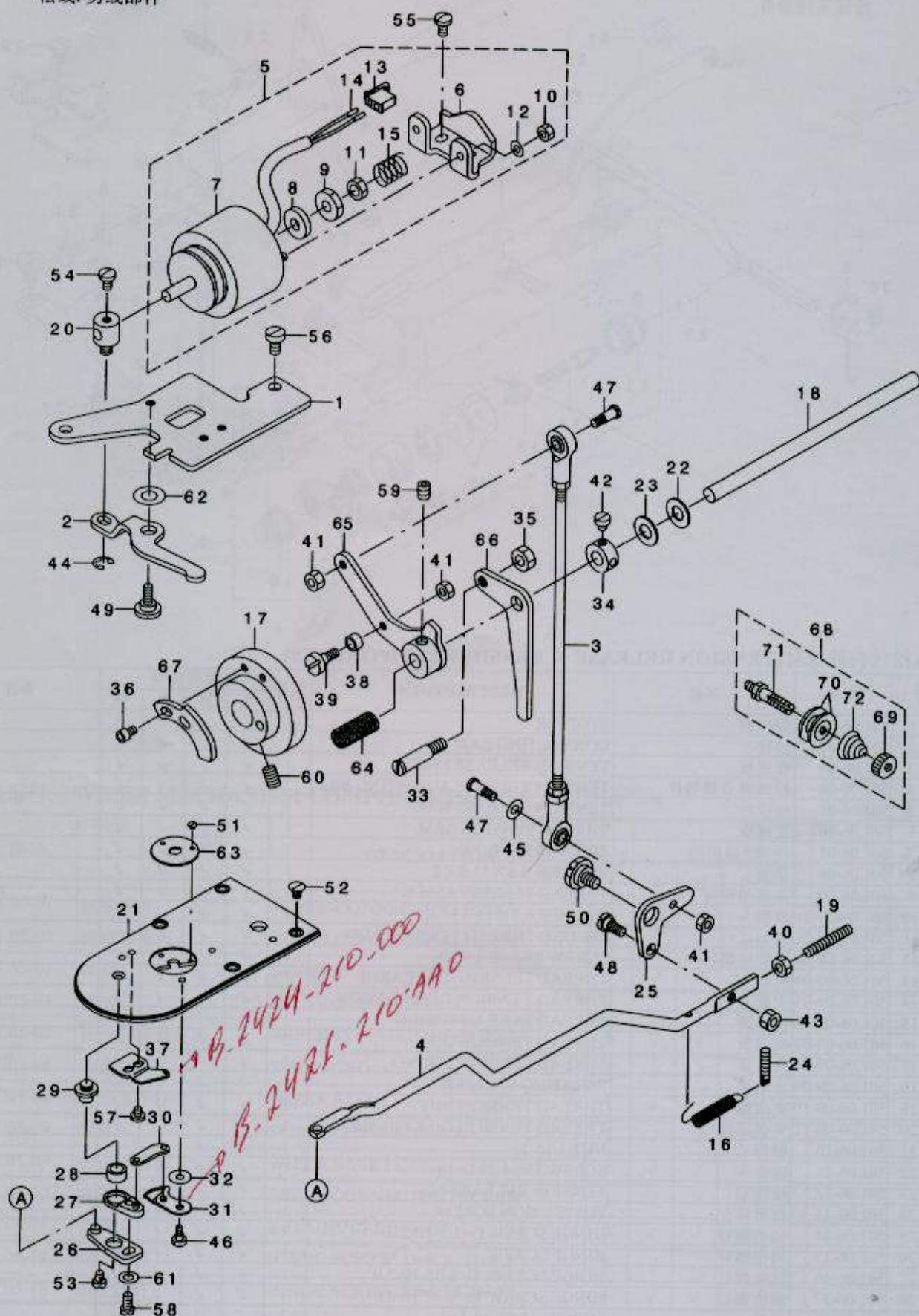


6.松线夹线部件(TENSION RELEASE & TENSION COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.06-01	限位器	STOPPER	1	✓	✓	✓	✓	
2	501.06-02	拉杆	CONNECTING BAR	1	✓	✓	✓	✓	
3	501.06-03	松线板	TENSION RELEASE LINK	1	✓	✓	✓	✓	
4	501.06-04	松线调节器组件	TENSION RELEASE ADJUSTING ARM	2	✓	✓	✓	✓	
5	501.06-05	松线杆	TENSION RELEASE BAR	1	✓	✓	✓	✓	
6	501.06-06	支撑板	THREAD TENSION ARM.	1	✓	✓	✓	✓	
7	501.06-07	拉簧	PRESSURE SPRING	1	✓	✓	✓	✓	
8	501.06-08	垫圈	WASHER 4.8×11.5×2	1	✓	✓	✓	✓	
9	501.06-09	夹线器组件	THREAD TENSION ASM.B	1	✓	✓	✓	✓	
10	501.06-09-01	垫圈	WASHER 6.5×11×1	1	✓	✓	✓	✓	
11	501.06-09-02	线器螺钉	SECOND THREAD TENSION ROD	1	✓	✓	✓	✓	
12	501.06-09-03	夹线座螺钉	SCREW 9/64-40 L=5.9	1	✓	✓	✓	✓	
13	501.06-09-04	夹线座	THREAD TENSION ROD,LARGE	1	✓	✓	✓	✓	
14	501.06-09-05	夹线套	THREAD TENSION DISK PRESSER	1	✓	✓	✓	✓	
15	501.06-09-06	挑线簧	THREAD TAKE-UP SPRING	1	✓	✓	✓	✓	
16	501.06-09-07	夹线板	THREAD TENSION DISK	2	✓	✓	✓	✓	
17	501.06-09-08	夹线簧	THREAD TENSION SPRING	1	✓	✓	✓	✓	
18	501.06-09-09	止动板	ROTATING STOPPER	1	✓	✓	✓	✓	
19	501.06-09-10	夹线螺母	THREAD TENSION NUT	1	✓	✓	✓	✓	
20	501.06-09-11	夹线压盘	THREAD TENSION DISK PRESSER	1	✓	✓	✓	✓	
21	501.06-10	螺母	NUT 3/16-28	1	✓	✓	✓	✓	
22	501.06-11	螺钉	SCREW 15/64-28 L=18	1	✓	✓	✓	✓	
23	501.06-12	松线销	TENSION RELEASE PIN	1	✓	✓	✓	✓	
24	501.06-13	拉簧螺钉	SUSPENSION SCREW	1	✓	✓	✓	✓	
25	501.06-14	轴位螺钉	HINGE SCREW D=5.3 H=2.2	1	✓	✓	✓	✓	
26	501.06-15	轴位螺钉	HINGE SCREW	1	✓	✓	✓	✓	
27	501.06-16	轴位螺钉	HINGE SCREW D=6.35 H=3.9	1	✓	✓	✓	✓	
28	501.06-17	轴位螺钉	HINGE SCREW D=6.35 H=4.8	1	✓	✓	✓	✓	
29	501.06-18	螺钉	SCREW 11/64-40 L=8	2	✓	✓	✓	✓	
30	501.06-19	支撑板螺钉	SCREW 9/64-40 L=5	2	✓	✓	✓	✓	
31	501.06-20	螺钉	SCREW	1	✓	✓	✓	✓	

7. TENSION RELEASE & THREAD TRIMMER MECHANISM COMPONENTS

松线. 剪线部件

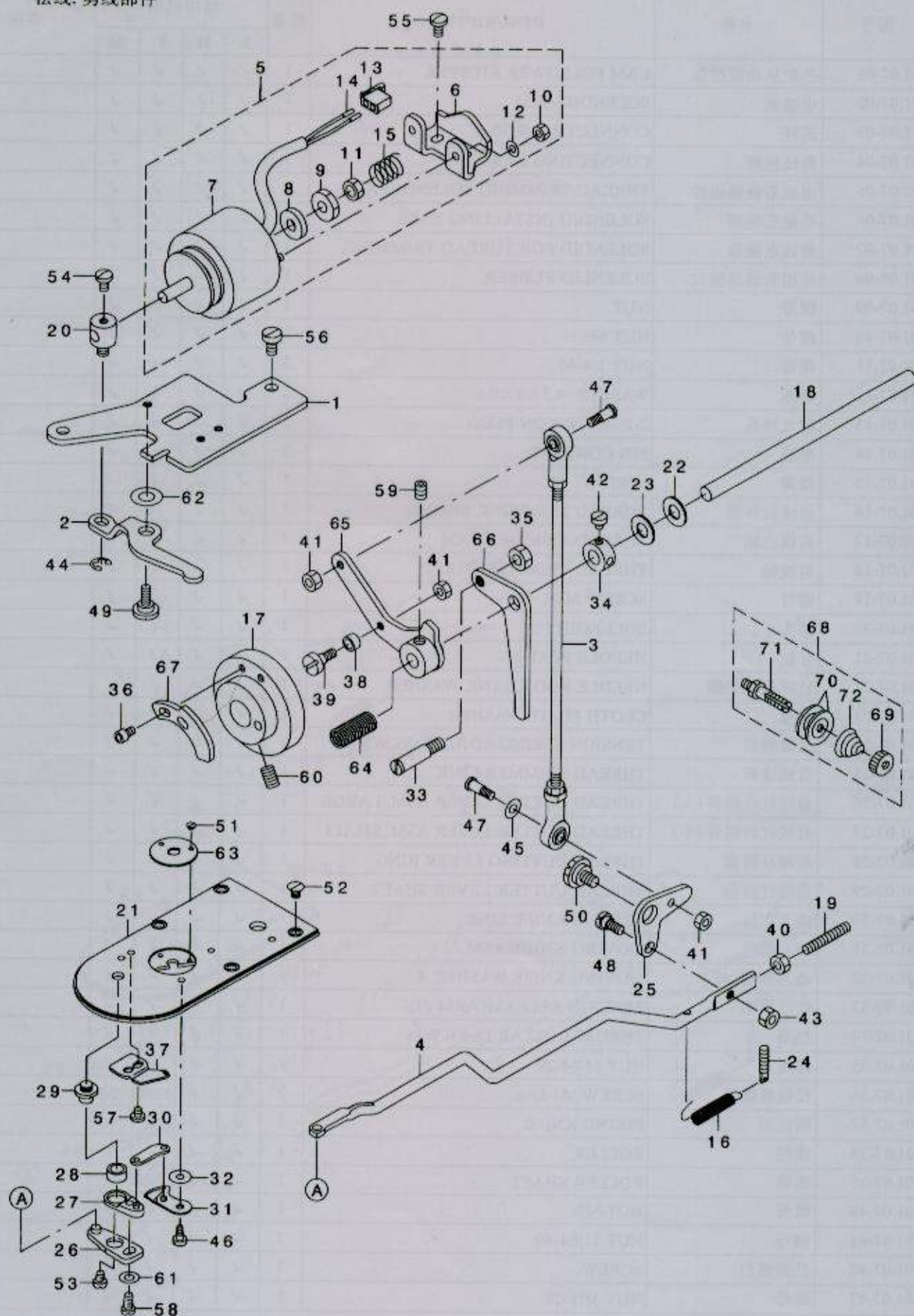


7.松线、自动剪线部件(TENSION RELEASE & THREAD TRIMMER MECHANISM COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.07-01	凸轮从动限位器	CAM FOLLOWER STOPPER	1	✓	✓	✓	✓	
2	501.07-02	电磁柄	SOLENOID ARM	1	✓	✓	✓	✓	
3	501.07-03	连杆	CONNECTING ROD	1	✓	✓	✓	✓	
4	501.07-04	剪线拉杆	CONNECTING BAR	1	✓	✓	✓	✓	
5	501.07-05	电磁剪线器组件	THREAD TRIMMING SOLENOID ASM.	1	✓	✓	✓	✓	
6	501.07-06	电磁安装座	SOLENOID INSTALLING BASE	1	✓	✓	✓	✓	
7	501.07-07	剪线电磁铁	SOLENOID FOR THREAD TRIMMING	1	✓	✓	✓	✓	
8	501.07-08	电磁剪线器橡皮	SOLENLID RUBBER	1	✓	✓	✓	✓	
9	501.07-09	螺母	NUT	1	✓	✓	✓	✓	
10	501.07-10	螺母	NUT M4	2	✓	✓	✓	✓	
11	501.07-11	螺母	NUT 1/4-40	1	✓	✓	✓	✓	
12	501.07-12	垫圈	WASHER 4.5×8×0.5	2	✓	✓	✓	✓	
13	501.07-13	尼龙插头	2-POLE NYLON PLUG	1	✓	✓	✓	✓	
14	501.07-14	电线	PIN CONTACT	2	✓	✓	✓	✓	
15	501.07-15	弹簧	SPRING	1	✓	✓	✓	✓	
16	501.07-16	剪线拉杆簧	THREAD TRIM LINK SPRING	1	✓	✓	✓	✓	
17	501.07-17	剪线凸轮	THREAD TEIMMER CAM	1	✓	✓	✓	✓	
18	501.07-18	剪线轴	THREAD TRIMMER SHAFT	1	✓	✓	✓	✓	
19	501.07-19	螺钉	SCREW M5 L=30	1	✓	✓	✓	✓	
20	501.07-20	接头	SOLENOID PIN	1	✓	✓	✓	✓	
21	501.07-21	针板	NEEDLE PLATE	1	✓	✓	✓	✓	
22	501.07-22	针杆曲柄垫圈	NEEDLE ROD CRANK WASHER	1	✓	✓	✓	✓	
23	501.07-23	垫圈	CLOTH PLATE WASHER	1	✓	✓	✓	✓	
24	501.07-24	拉簧螺钉	TENSION SPRING ADJUSTING SCREW	1	✓	✓	✓	✓	
25	501.07-25	剪线连杆	THREAD TRIMMER LINK	1	✓	✓	✓	✓	
26	501.07-26	剪线杠杆组件(大)	THREAD CUTTER LEVER ASM.,LARGE	1	✓	✓	✓	✓	
27	501.07-27	剪线杠杆组件(小)	THREAD CUTTER LEVER ASM.,SMALL	1	✓	✓	✓	✓	
28	501.07-28	剪线杠杆套	THREAD CUTTING LEVER RING	1	✓	✓	✓	✓	
29	501.07-29	剪线杠杆轴	THREAD CUTTER LEVER SHAFT	1	✓	✓	✓	✓	
30	501.07-30	动刀连杆	MOVING KNIFE LINK	1	✓	✓	✓	✓	
31	501.07-31	动刀组件	MOVING KNIGE ASM.	1	✓	✓	✓	✓	
32	501.07-32	动刀垫圈 A	MOVING KNIFE WASHER A	1	✓	✓	✓	✓	
33	501.07-33	松线臂销	TENSION RELEASE ARM PIN	1	✓	✓	✓	✓	
34	501.07-34	挡圈	THRUST COLLAR D=8.0 W=8	1	✓	✓	✓	✓	
35	501.07-35	螺母	NUT 15/64-28	1	✓	✓	✓	✓	
36	501.07-36	松线板螺钉	SCREW M4 L=6	2	✓	✓	✓	✓	
37	501.07-37	固定刀	FIXING KNIFE	1	✓	✓	✓	✓	
38	501.07-38	滚柱	ROLLER	1	✓	✓	✓	✓	
39	501.07-39	滚销	ROLLER SHAFT	1	✓	✓	✓	✓	
40	501.07-40	螺母	NUT M5	1	✓	✓	✓	✓	
41	501.07-41	螺母	NUT 11/64-40	3	✓	✓	✓	✓	
42	501.07-42	挡圈螺钉	SCREW	2	✓	✓	✓	✓	
43	501.07-43	螺母	NUT 3/16-28	1	✓	✓	✓	✓	

7. TENSION RELEASE & THREAD TRIMMER MECHANISM COMPONENTS

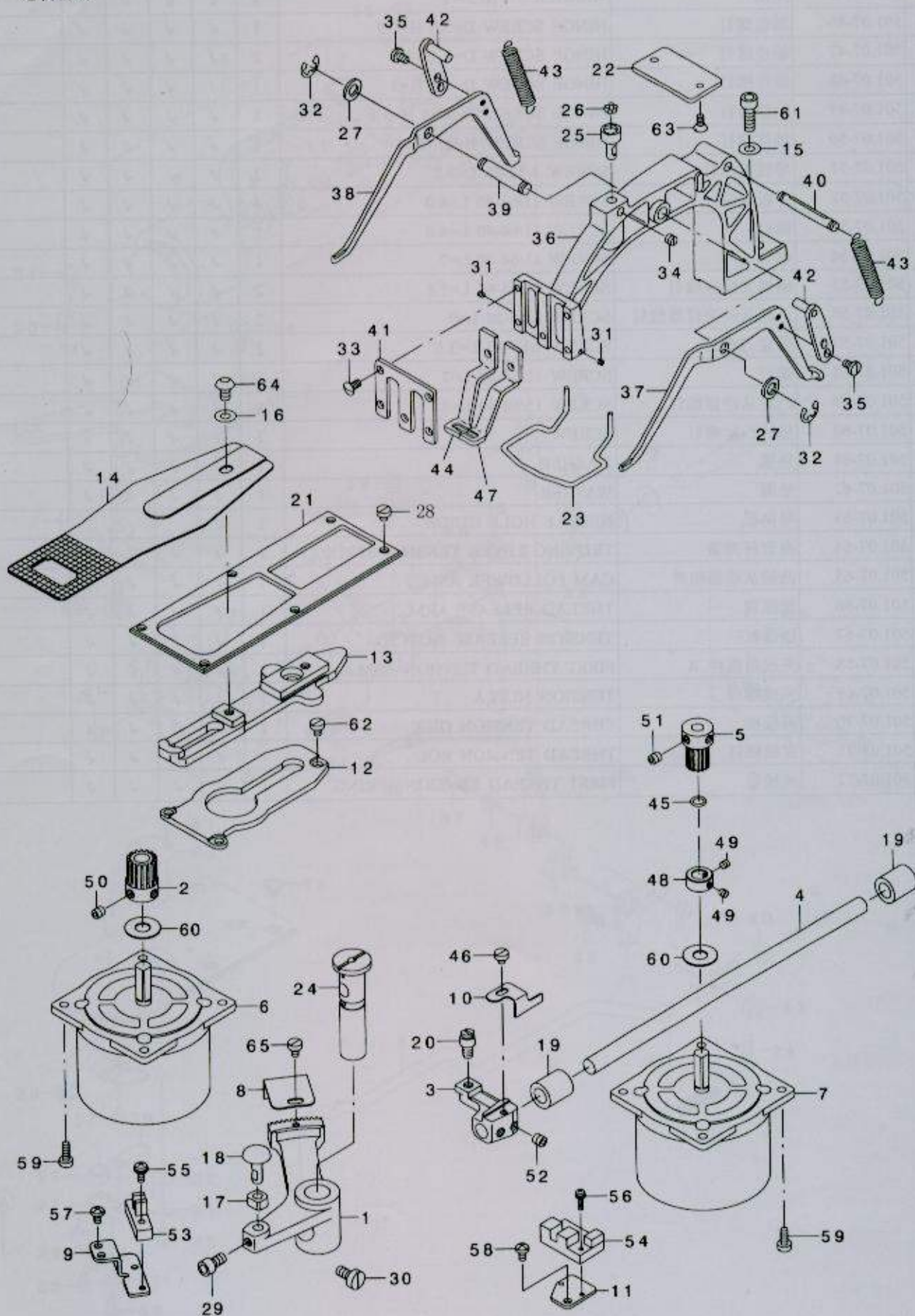
松线、剪线部件



44	501.07-44	卡簧	E-RING	1	✓	✓	✓	✓	
45	501.07-45	垫圈	WASHER 5×10.5×1	1	✓	✓	✓	✓	
46	501.07-46	轴位螺钉	HINGE SCREW D=5.0 H=0.9	1	✓	✓	✓	✓	
47	501.07-47	轴位螺钉	HINGE SCREW D=5 H=8	2	✓	✓	✓	✓	
48	501.07-48	轴位螺钉	HINGE SCREW D=6.5 H=3	1	✓	✓	✓	✓	
49	501.07-49	轴位螺钉	HINGE SCREW D=7.94 H=3.1	1	✓	✓	✓	✓	
50	501.07-50	轴位螺钉	HINGE SCREW H=11 W=3	1	✓	✓	✓	✓	
51	501.07-51	导线板螺钉	SCREW 3/32-56 L=2.2	2	✓	✓	✓	✓	
52	501.07-52	针板螺钉	SCREW 11/64-40 L=4.0	4	✓	✓	✓	✓	
53	501.07-53	螺钉	SCREW 11/64-40 L=4.0	1	✓	✓	✓	✓	
54	501.07-54	螺钉	SCREW 11/64-40 L=7	1	✓	✓	✓	✓	
55	501.07-55	磁铁安装座螺钉	SCREW 11/64-40 L=7.8	2	✓	✓	✓	✓	
56	501.07-56	凸轮从动限位器螺钉	SCREW 3/16-28 L=9	2	✓	✓	✓	✓	
57	501.07-57	固定刀螺钉	SCREW 9/64-40 L=3.5	2	✓	✓	✓	✓	
58	501.07-58	螺钉	SCREW 11/64-40 L=7	1	✓	✓	✓	✓	
59	501.07-59	凸轮从动器螺钉	SCREW 15/64-40 L=8	1	✓	✓	✓	✓	
60	501.07-60	剪线凸轮螺钉	SCREW	2	✓	✓	✓	✓	
61	501.07-61	垫圈	WASHER	1	✓	✓	✓	✓	
62	501.07-62	垫圈	WASHER	1	✓	✓	✓	✓	
63	501.07-63	导向板	NEEDLE HOLE GUIDE	1	✓				
64	501.07-64	离合杆弹簧	TRIPPING LEVER TENSION SPRING	1	✓	✓	✓	✓	
65	501.07-65	凸轮从动器组件	CAM FOLLOWER ASM.	1	✓	✓	✓	✓	
66	501.07-66	松线臂	THREAD RELEASE ARM.	1	✓	✓	✓	✓	
67	501.07-67	松线板	TENSION RELEASE NOTCH	1	✓	✓	✓	✓	
68	501.07-68	夹线器组件 A	FIRST THREAD TENSION ASM.A	1	✓	✓	✓	✓	
69	501.07-69	夹线螺母	TENSION NUT,A	1	✓	✓	✓	✓	
70	501.07-70	夹线板	THREAD TENSION DISK	2	✓	✓	✓	✓	
71	501.07-71	夹线螺钉	THREAD TENSION ROD	1	✓	✓	✓	✓	
72	501.07-72	夹线簧	FIRST THREAD TENSION SPRING	1	✓	✓	✓	✓	

8. FEED MECHANISM COMPONENTS

送料部件

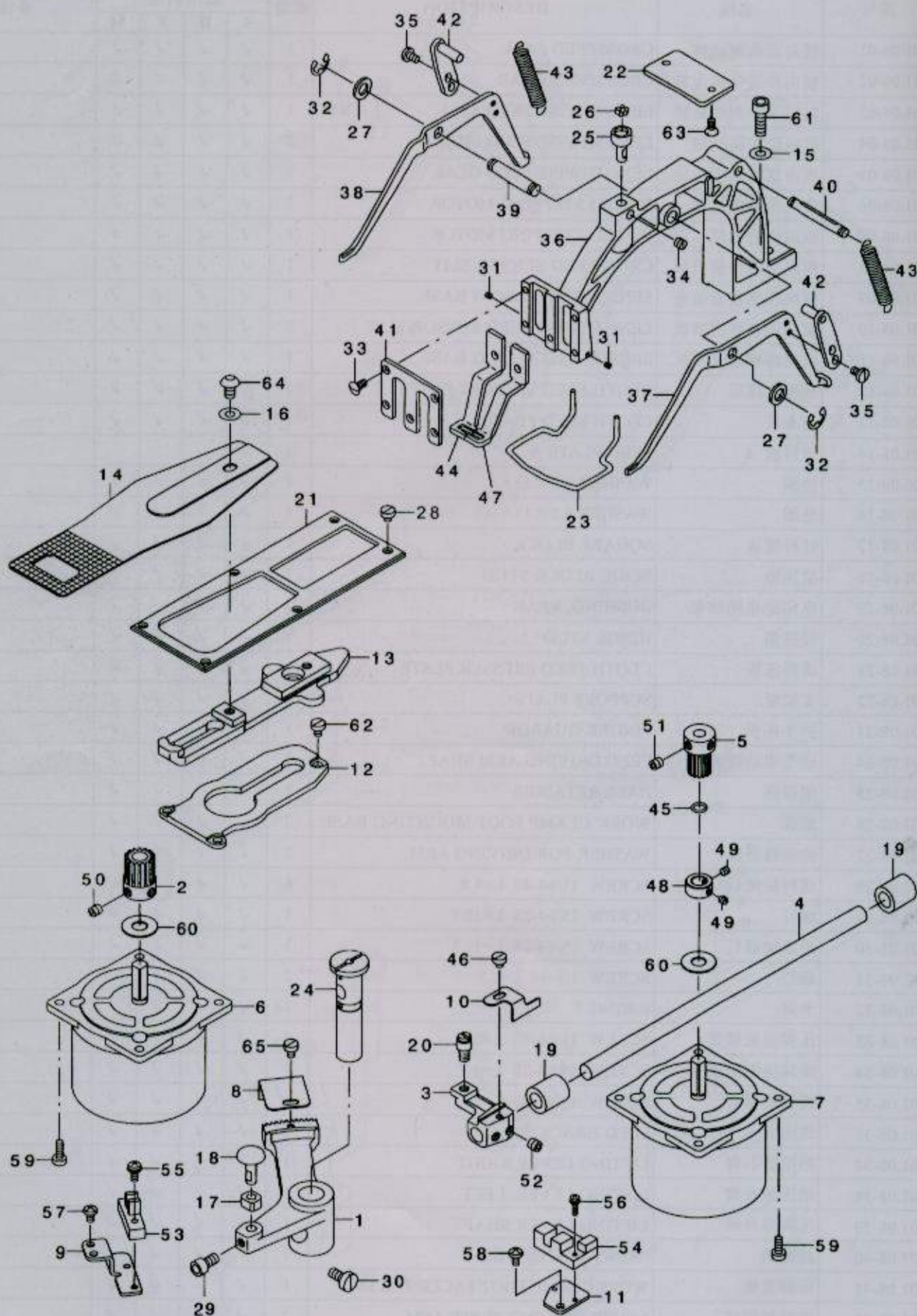


8.送料部件(FEED MECHANISM COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.08-01	横向送布驱动臂	CROSSFEED ARM.	1	√	√	√	√	
2	501.08-02	横向步进电机齿轮	CROSSFEED GEAR	1	√	√	√	√	
3	501.08-03	纵向送布驱动曲柄	LENGTHWISE FEED ARM.	1	√	√	√	√	
4	501.08-04	纵向送布驱动轴	LENGTHWISE FEED SHAFT	1	√	√	√	√	
5	501.08-05	纵向送布驱动齿轮	LENGTHWISE FEED GEAR	1	√	√	√	√	
6	501.08-06	横向步进电机	X FEED STEPPING MOTOR	1	√	√	√	√	
7	501.08-07	纵向步进电机	Y FEED STEPPING MOTOR	1	√	√	√	√	
8	501.08-08	横向送布传感器板	CROSSFEED SENSOR SLIT	1	√	√	√	√	
9	501.08-09	横向传感器安装座	SENSOR INSTALLING BASE	1	√	√	√	√	
10	501.08-10	纵向送布传感器板	LENGTHWISE FEED SENSOR SLIT	1	√	√	√	√	
11	501.08-11	纵向传感器安装板	SENSOR INSTALLING BASE	1	√	√	√	√	
12	501.08-12	拖布支撑板	CLOTH FEED SUPPORT PLATE	1	√	√	√	√	
13	501.08-13	拖布板	CLOTH FEED PLATE	1	√	√	√	√	
14	501.08-14	送料板 A	FEED PLATE A	1	√				
15	501.08-15	垫圈	WASHER 6.2×13×1	1	√	√	√	√	
16	501.08-16	垫圈	WASHER 6.5×13×0.8	1	√	√	√	√	
17	501.08-17	针杆滑块	SQUARE BLOCK	1	√	√	√	√	
18	501.08-18	滑块轴	SLIDE BLOCK STUD	1	√	√	√	√	
19	501.08-19	纵向送布轴轴套	BUSHING, REAR	2	√	√	√	√	
20	501.08-20	铰链销	HINGE STUD	1	√	√	√	√	
21	501.08-21	送料压板	CLOTH FEED PRESSER PLATE	1	√	√	√	√	
22	501.08-22	支架板	SUPPORT PLATE	1	√	√	√	√	
23	501.08-23	护手托板	FINGER GUARDE	1	√	√	√	√	
24	501.08-24	送布驱动臂轴	FEED DRIVING ARM SHAFT	1	√	√	√	√	
25	501.08-25	滚珠座	BALL RETAINER	1	√	√	√	√	
26	501.08-26	滚珠	WORK CLAMP FOOT MOUNTING BASE	7	√	√	√	√	
27	501.08-27	传动臂垫圈	WASHER FOR DRIVING ARM.	2	√	√	√	√	
28	501.08-28	送料板螺钉	SCREW 11/64-40 L=4.8	6	√	√	√	√	
29	501.08-29	螺钉	SCREW 15/64-28 L=10.5	1	√	√	√	√	
30	501.08-30	滑块轴螺钉	SCREW 15/64-28 L=11.5	1	√	√	√	√	
31	501.08-31	螺钉	SCREW 1/8-44 L=2.8	2	√	√	√	√	
32	501.08-32	卡簧	E-RING 7	2	√	√	√	√	
33	501.08-33	压脚面板螺钉	SCREW 11/64-40 L=8.7	5	√	√	√	√	
34	501.08-34	滚珠座固定螺钉	SCREW 15/64-28 L=4.7	1	√	√	√	√	
35	501.08-35	操纵板螺钉	SCREW 11/64-40 L=7	4	√	√	√	√	
36	501.08-36	送布架	FEED BRACKET	1	√	√	√	√	
37	501.08-37	抬压脚右臂	LIFTING LEVER,RIGHT	1	√	√	√	√	
38	501.08-38	抬压脚左臂	LIFTING LEVER, LEFT	1	√	√	√	√	
39	501.08-39	压脚提升轴	LIFTING LEVER SHAFT	1	√	√	√	√	
40	501.08-40	拉簧销	SRING SUSPENSION	1	√	√	√	√	
41	501.08-41	压脚盖板	WORKCLAMP FOOT FACER PLATE	1	√	√	√	√	
42	501.08-42	驱动板组件	LEVER DRIVING PLATE ASM.	2	√	√	√	√	

8. FEED MECHANISM COMPONENTS

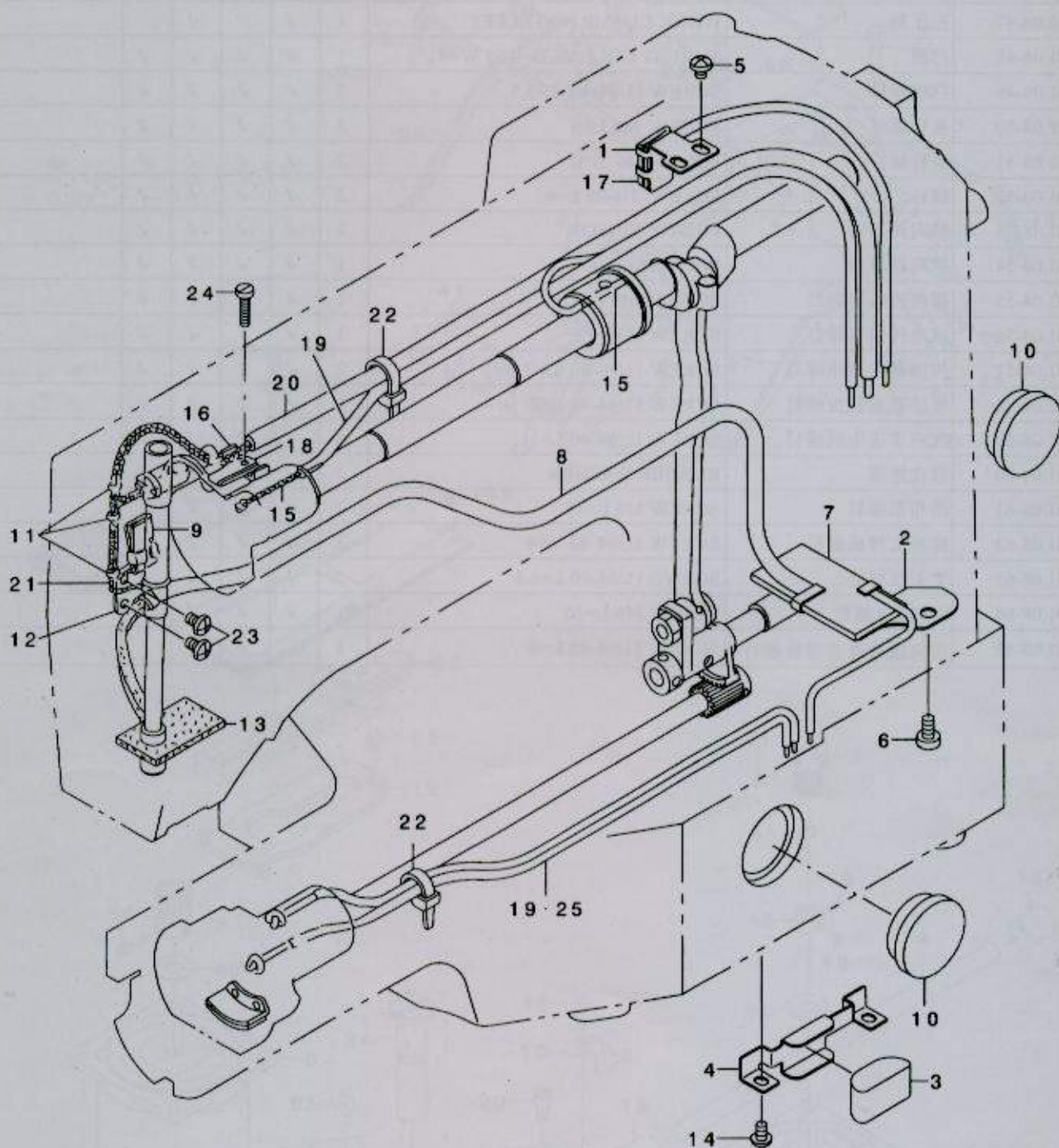
送料部件



43	501.08-43	送料拉簧	CLOTH PRESSER SPRING	2	✓	✓	✓	✓	
44	501.08-44	右压脚	WORK CLAMP FOOT, RIGHT	1	✓		✓		
45	501.08-45	O型圈	RUBBER RING	1	✓	✓	✓	✓	
46	501.08-46	纵向送布传感器板螺钉	SCREW 11/64-40 L=4.3	1	✓	✓	✓	✓	
47	501.08-47	左压脚	WORK CLAMP FOOT, LEFT	1	✓		✓		
48	501.08-48	挡圈	THRUST COLLAR D=9.53 W=8	1	✓	✓	✓	✓	
49	501.08-49	挡圈螺钉	SCREW 11/64-40 L=3.5	2	✓	✓	✓	✓	
50	501.08-50	齿轮螺钉	SCREW M6 L=6	2	✓	✓	✓	✓	
51	501.08-51	齿轮螺钉	SCREW M6 L=6	2	✓	✓	✓	✓	
52	501.08-52	螺钉	SCREW 1/4-40 L=6	2	✓	✓	✓	✓	
53	501.08-53	横向传感器	PHOTO SENSOR	1	✓	✓	✓	✓	
54	501.08-54	纵向传感器	PHOTO SENSOR	1	✓	✓	✓	✓	
55	501.08-55	横向传感器螺钉	SCREW M4 L=12	1	✓	✓	✓	✓	
56	501.08-56	纵向传感器螺钉	SCREW M3×12	1	✓	✓	✓	✓	
57	501.08-57	传感器安装座螺钉	SCREW 11/64-40 L=7	2	✓	✓	✓	✓	
58	501.08-58	传感器安装板螺钉	SCREW 11/64-40 L=7	1	✓	✓	✓	✓	
59	501.08-59	纵向步进电机螺钉	SCREW 11/64-40 L=11	8	✓	✓	✓	✓	
60	501.08-60	橡皮垫圈	RUBBER WASHER	2	✓	✓	✓	✓	
61	501.08-61	送布架螺钉	SCREW M6 L=18	1	✓	✓	✓	✓	
62	501.08-62	拖布支撑板螺钉	SCREW 11/64-40 L=6	3	✓	✓	✓	✓	
63	501.08-63	支架板螺钉	SCRWE 11/64-40 L=8.5	2	✓	✓	✓	✓	
64	501.08-64	送料板A螺钉	SCREW M6 L=10	1	✓	✓	✓	✓	
65	501.08-65	横向送布传感器板螺钉	SCREW 11/64-40 L=6	1		✓			

9. LUBRICATION COMPONENTS

供油部件

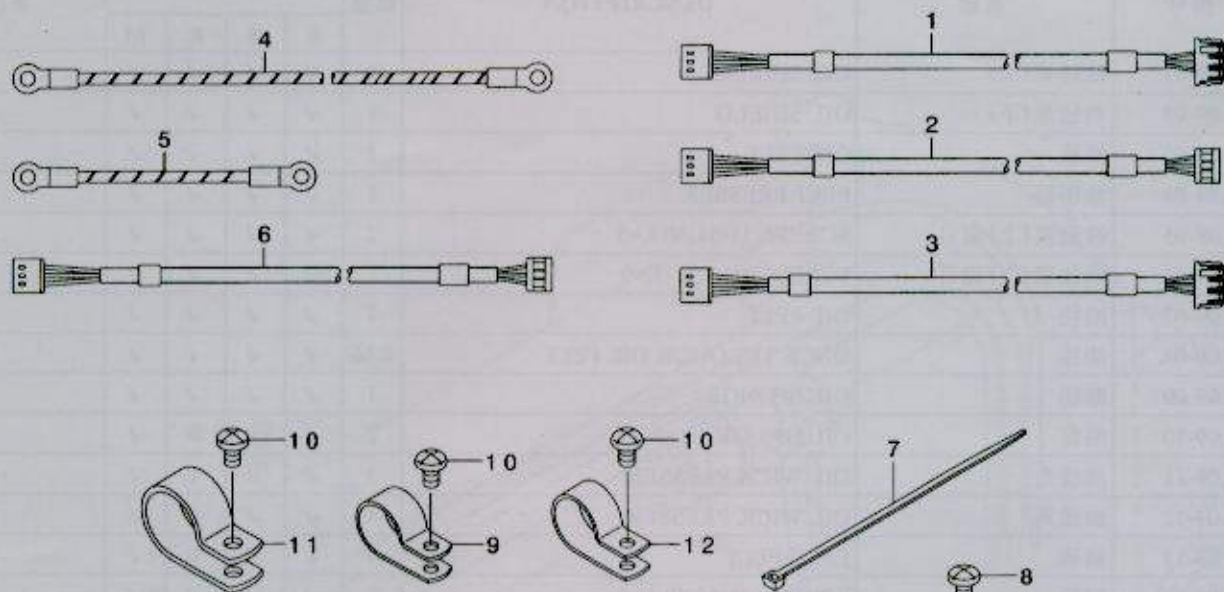


9.供油部件 (LUBRICATION COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.09-01	油毡架(上)	OIL SHIELD	1	✓	✓	✓	✓	
2	501.09-02	油毡架(下)	OIL SHIELD	1	✓	✓	✓	✓	
3	501.09-03	油毡	OIL FELT	1	✓	✓	✓	✓	
4	501.09-04	油毡架	FELT PRESSER	1	✓	✓	✓	✓	
5	501.09-05	油毡架(上)螺钉	SCREW 11/64-40 L=5	2	✓	✓	✓	✓	
6	501.09-06	油毡架(下)螺钉	SCREW 3/16-28 L=9	1	✓	✓	✓	✓	
7	501.09-07	油毡	OIL FELT	1	✓	✓	✓	✓	
8	501.09-08	油毡	ONCE THROUGH OIL FELT	0.56	✓	✓	✓	✓	
9	501.09-09	油毡	OIL SPONGE	1	✓	✓	✓	✓	
10	501.09-10	油窗	OIL GAUGE	2	✓	✓	✓	✓	
11	501.09-11	油线夹	OIL WICK PRESSER	3	✓	✓	✓	✓	
12	501.09-12	油线夹	OIL WICK PRESSER	1	✓	✓	✓	✓	
13	501.09-13	油毡	FACE FELT	1	✓	✓	✓	✓	
14	501.09-14	螺钉	SCREW 11/64-40 L=7	2	✓	✓	✓	✓	
15	501.09-15	油线	OIL WICK	1.8	✓	✓	✓	✓	
16	501.09-16	曲柄油毡压板	BALANCE LUBRICATING PLATE	1	✓	✓	✓	✓	
17	501.09-17	连杆润滑件	NEEDLE ROD CRANK LUBRICATING	1	✓	✓	✓	✓	
18	501.09-18	曲柄润滑装置	BALANCE LUBRICATING	1	✓	✓	✓	✓	
19	501.09-19	油管	VINYL TUBE	0.7	✓	✓	✓	✓	
20	501.09-20	油管	VINYL PIPE	0.72	✓	✓	✓	✓	
21	501.09-21	油线	OIL WICK	1.6	✓	✓	✓	✓	
22	501.09-22	电缆带	CABLE BAND	2	✓	✓	✓	✓	
23	501.09-23	螺钉	SCREW 11/64-40 L=7	2	✓	✓	✓	✓	
24	501.09-24	螺钉	SCREW 9/64-40 L=21.2	1	✓	✓	✓	✓	
25	501.09-25	油线	OIL WICK	1.06	✓	✓	✓	✓	

10. SENSOR & EXTENSION CABLE COMPONENTS

传感器. 电缆部件

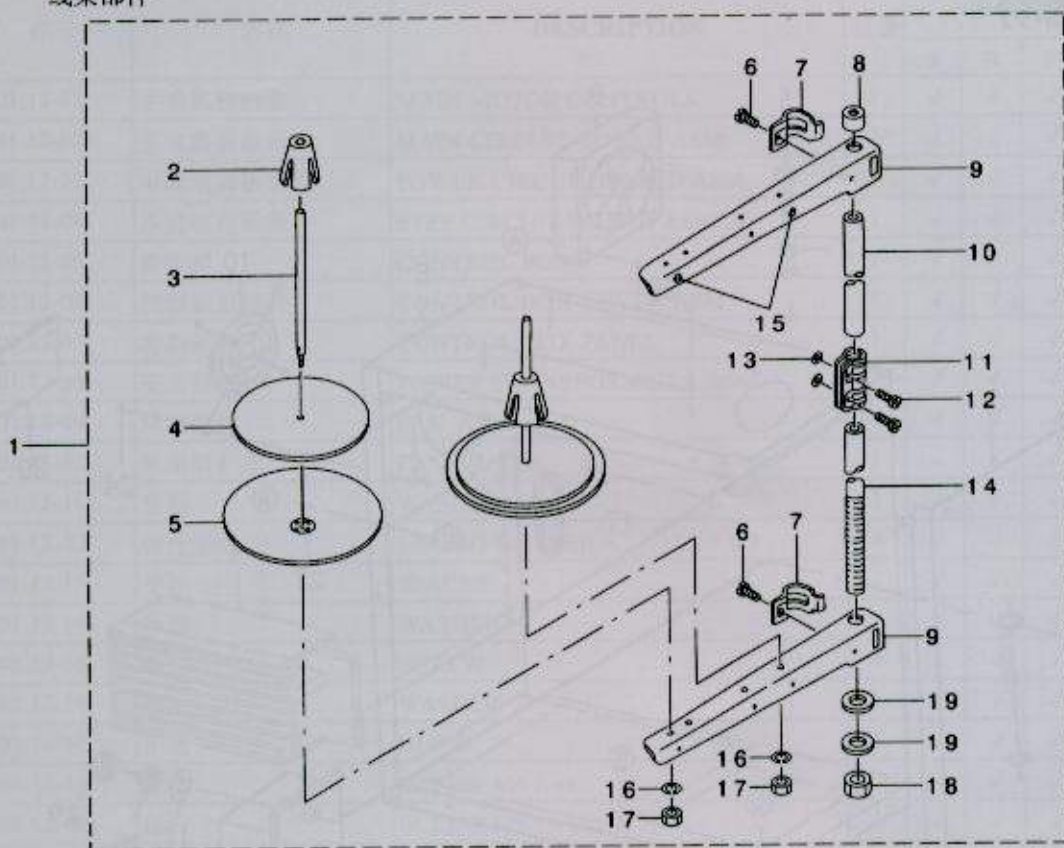


10.传感器、电缆元件(SENSOR & EXTENSION CABLE COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.10-01	X 传感器电缆组件	X SENSOR CABLE ASM.	1	✓	✓	✓	✓	
2	501.10-02	Y 传感器电缆组件	Y SENSOR CABLE ASM.	1	✓	✓	✓	✓	
3	501.10-03	上轴传感器电缆组件	UPPER SHAFT SENSOR CABLE ASM.	1	✓	✓	✓	✓	
4	501.10-04	电缆 A 组件	HEAD GROUND CABLE A ASM.	1	✓	✓	✓	✓	
5	501.10-05	电缆 B 组件	HEAD GROUND CABLE B ASM.	1	✓	✓	✓	✓	
6	501.10-06	压脚传感器电缆组件	OUTER PRESSER SENSOR CABLE ASM.	1	✓	✓	✓	✓	
7	501.10-07	电缆带	CABLE BAND	1	✓	✓	✓	✓	
8	501.10-08	螺钉	SCREW 11/64-40 L=5	3	✓	✓	✓	✓	
9	501.10-09	电缆夹	CABLE CLIP	1	✓	✓	✓	✓	
10	501.10-10	螺钉	SCREW 11/64-40 L=7	3	✓	✓	✓	✓	
11	501.10-11	电缆夹	CABLE CLIP	1	✓	✓	✓	✓	
12	501.10-12	电缆夹	CABLE CLIP	1	✓	✓	✓	✓	

11. THREAD STAND COMPONENTS

线架部件

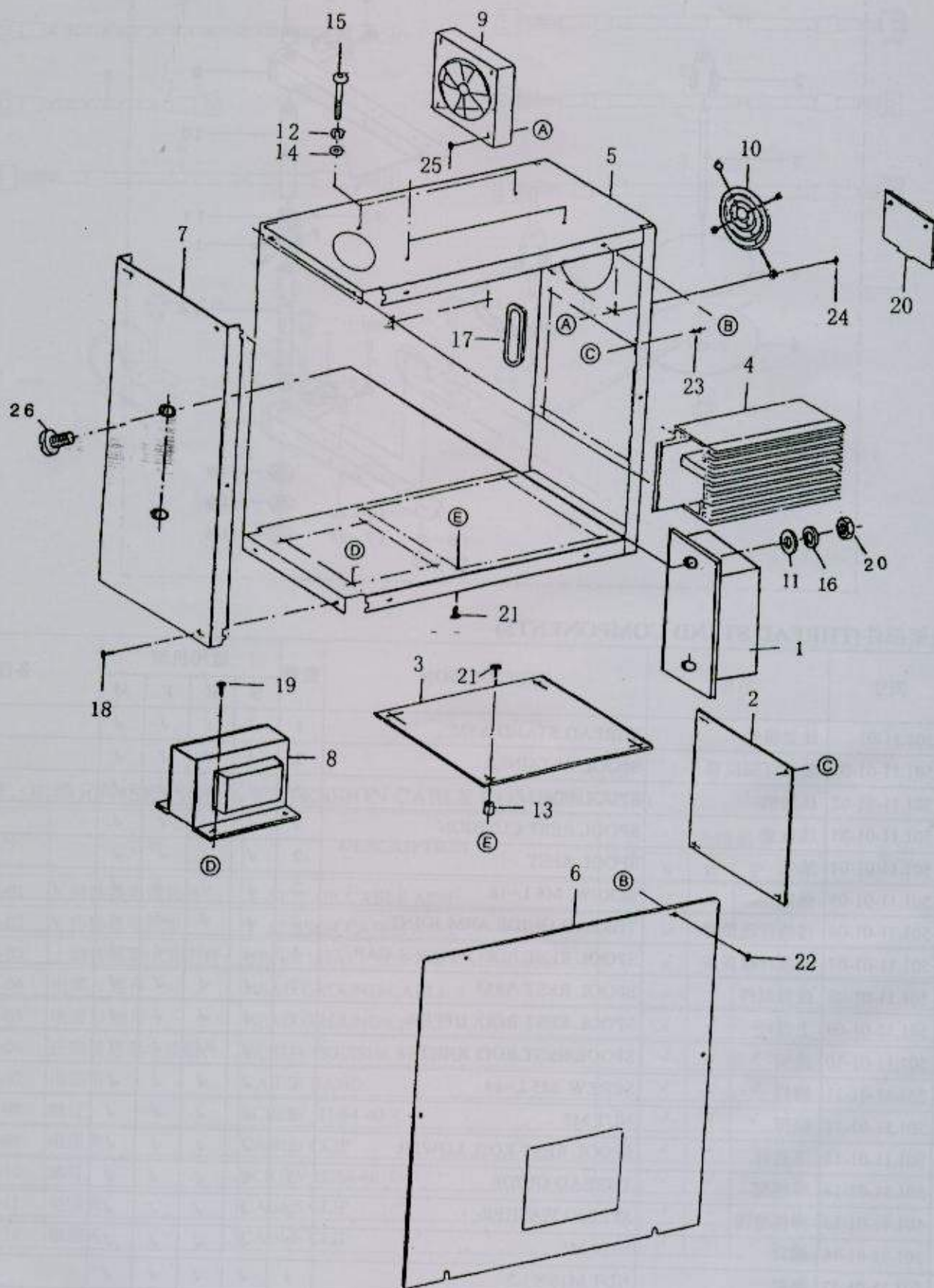


11.线架部件(THREAD STAND COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.11-01	线架组件	THREAD STAND ASM.	1	✓	✓	✓	✓	
2	501.11-01-01	线盘钉限位器	SPOOL RETAINER	2	✓	✓	✓	✓	
3	501.11-01-02	线轴销	SPOOL PIN	2	✓	✓	✓	✓	
4	501.11-01-03	线盘垫	SPOOL REST CUSHION	2	✓	✓	✓	✓	
5	501.11-01-04	线盘	SPOOL REST	2	✓	✓	✓	✓	
6	501.11-01-05	螺钉	SCREW M6 L=16	2	✓	✓	✓	✓	
7	501.11-01-06	过线杆连接臂	THREAD GUIDE ARM JOINT	2	✓	✓	✓	✓	
8	501.11-01-07	线盘杆橡皮盖	SPOOL REST ROD RUBBER CAP	1	✓	✓	✓	✓	
9	501.11-01-08	线盘组件	SPOOL REST ARM	2	✓	✓	✓	✓	
10	501.11-01-09	上直杆	SPOOL REST ROD, UPPER	1	✓	✓	✓	✓	
11	501.11-01-10	接头	SPOOL REST ROD JOINT	1	✓	✓	✓	✓	
12	501.11-01-11	螺钉	SCREW M5 L=14	2	✓	✓	✓	✓	
13	501.11-01-12	螺母	NUT M5	2	✓	✓	✓	✓	
14	501.11-01-13	下直杆	SPOOL REST ROD, LOWER	1	✓	✓	✓	✓	
15	501.11-01-14	导线架	THREAD GUIDE	2	✓	✓	✓	✓	
16	501.11-01-15	弹性垫圈	SPRING WASHER	2	✓	✓	✓	✓	
17	501.11-01-16	螺母	NUT M5	2	✓	✓	✓	✓	
18	501.11-01-17	螺母	NUT M16x1.5	1	✓	✓	✓	✓	
19	501.11-01-18	螺母	WASHER 17x30x2.6	2	✓	✓	✓	✓	

12. CONTROL BOX COMPONENTS

控制箱部分

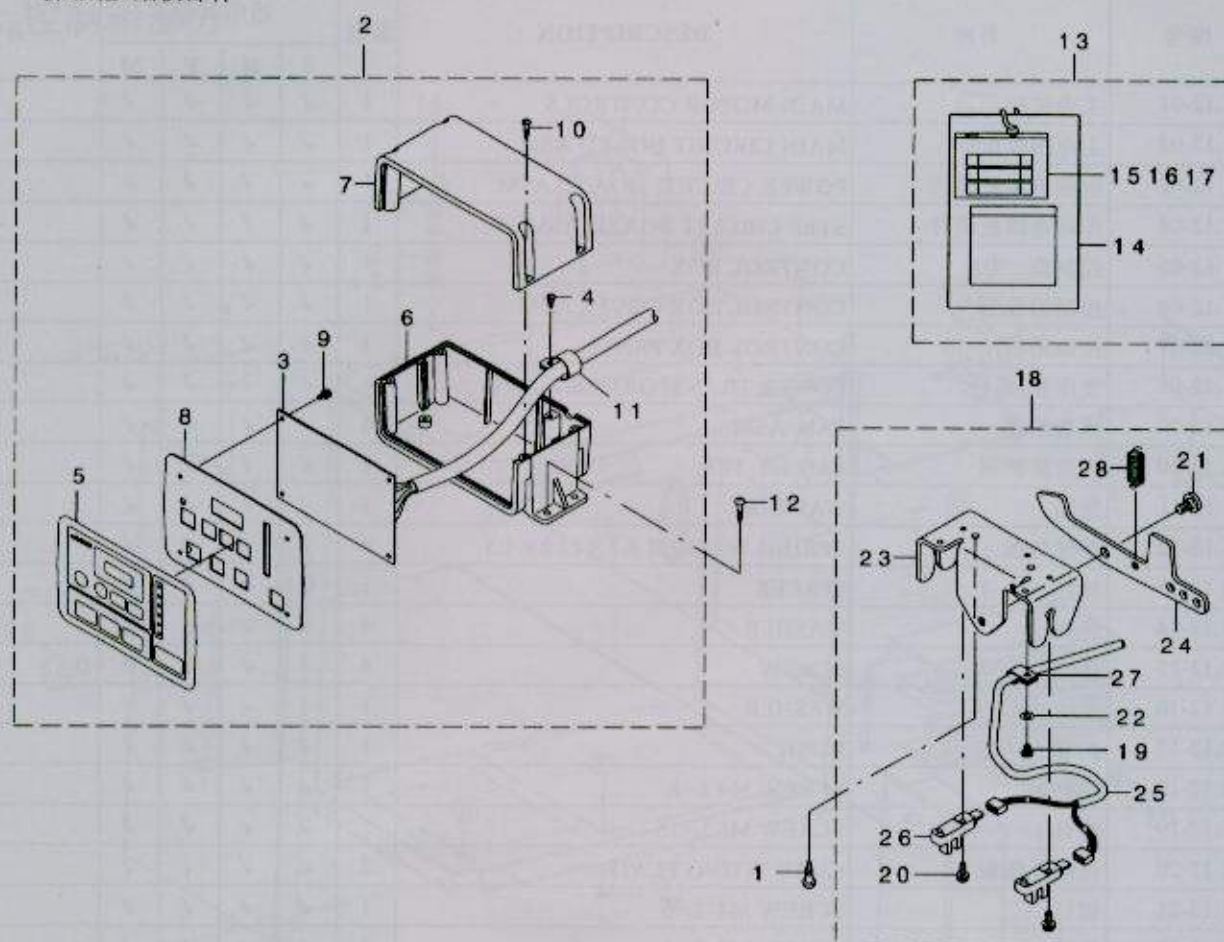


12.控制箱部件(CONTROL BOX COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.12-01	主电机控制器	MAIN MOTOR CONTROLS	1	✓	✓	✓	✓	
2	501.12-02	主电路板组件	MAIN CIRCUIT BOARD ASM.	1	✓	✓	✓	✓	
3	501.12-03	电源电路板组件	POWER CIRCUIT BOARD ASM.	1	✓	✓	✓	✓	
4	501.12-04	步进电路板组件	STEP CIRCUIT BOARD ASM.,A	1	✓	✓	✓	✓	
5	501.12-05	控制箱	CONTROL BOX	1	✓	✓	✓	✓	
6	501.12-06	控制箱盖组件	CONTROL BOX COVER ASM.	1	✓	✓	✓	✓	
7	501.12-07	控制箱板	CONTROL BOX PANEL	1	✓	✓	✓	✓	
8	501.12-08	变压器A组件	POWER TRANSFORMER A ASM.	1	✓	✓	✓	✓	
9	501.12-09	风扇组件	FAN ASM.	4	✓	✓	✓	✓	
10	501.12-10	风扇防护罩	FAN FIL TER	1	✓	✓	✓	✓	
11	501.12-11	垫圈	WASHER	1	✓	✓	✓	✓	
12	501.12-12	弹性垫圈	SPRING WASHER 6.1×12.2×1.5	4	✓	✓	✓	✓	
13	501.12-13	垫柱	SPACER	1	✓	✓	✓	✓	
14	501.12-14	垫圈	WASHER	4	✓	✓	✓	✓	
15	501.12-15	螺钉	SCREW	4	✓	✓	✓	✓	
16	501.12-16	垫圈	WASHER	1	✓	✓	✓	✓	
17	501.12-17	护套	BUSH	1	✓	✓	✓	✓	
18	501.12-18	螺钉	SCREW M4 L=8	1	✓	✓	✓	✓	
19	501.12-19	螺钉	SCREW M5 L=15	1	✓	✓	✓	✓	
20	501.12-20	过线孔压板	CORD FITING PLATE	2	✓	✓	✓	✓	
21	501.12-21	螺钉	SCREW M4 L=6	1	✓	✓	✓	✓	
22	501.12-22	螺钉	SCREW M4 L=8	4	✓	✓	✓	✓	
23	501.12-23	隔离柱	PC SPACER ROD	4	✓	✓	✓	✓	
24	501.12-24	螺钉	SCREW M4 L=20	1	✓	✓	✓	✓	
25	501.12-25	螺母	NUT M4	1	✓	✓	✓	✓	
26	501.12-26	螺钉	SCREW M4 L=10	1	✓	✓	✓	✓	

13. OPERATION BOX & PEDAL COMPONENTS

操纵箱. 踏板部件

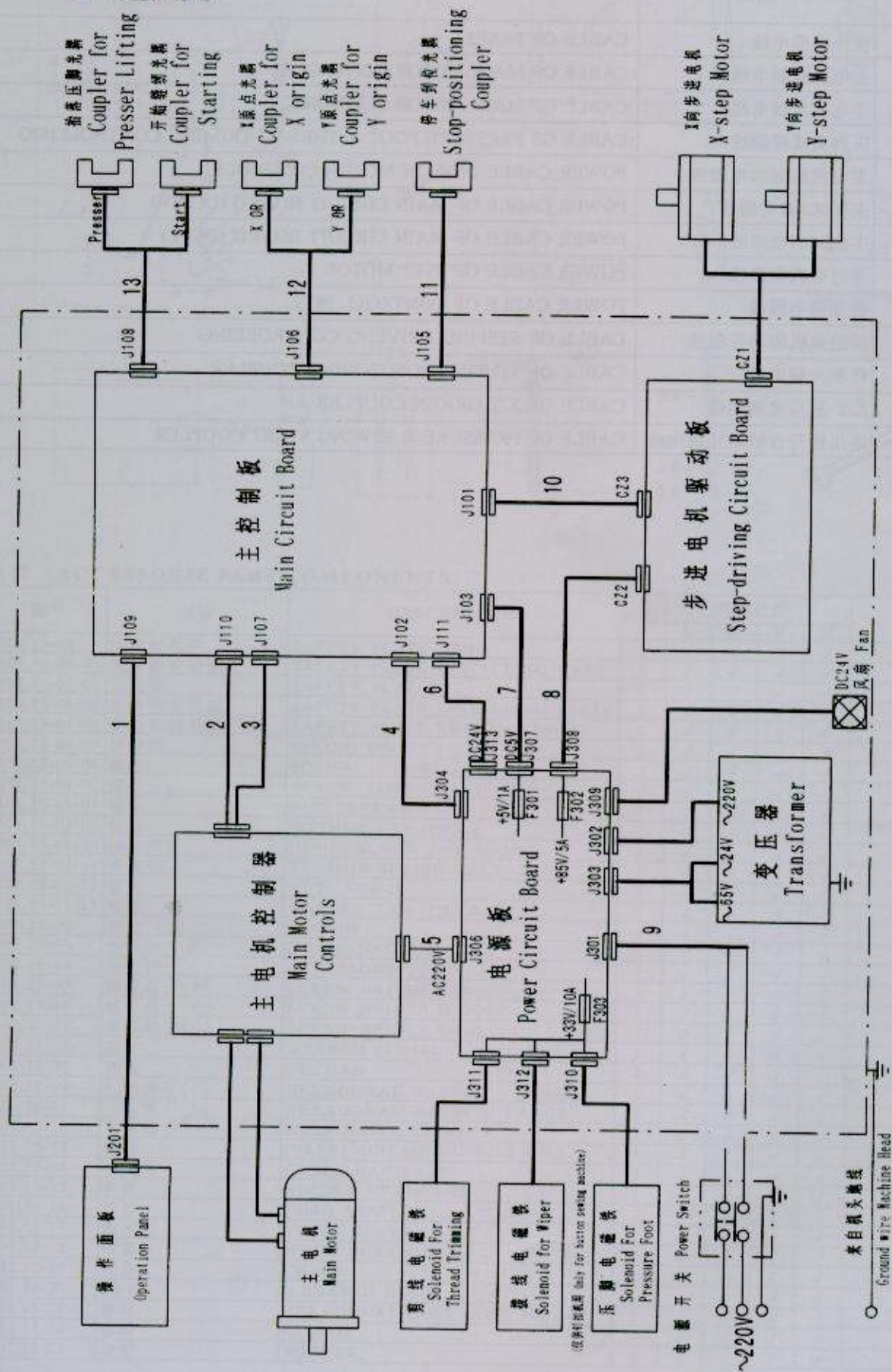


13.操纵箱、踏板部件(OPERATION BOX & PEDAL COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.13-01	木螺钉	WOOD SCREW D=4.8 L=20	2	✓	✓	✓	✓	
2	501.13-02	操纵箱组件	OPERATION BOX B ASM.	1	✓	✓	✓	✓	
3	501.13-02-01	操纵电路板组件	OPERATION CIRCUIT BOARD ASM.	1	✓	✓	✓	✓	
4	501.13-02-02	螺钉	SCREW M3 L=10	1	✓	✓	✓	✓	
5	501.13-02-03	操纵面板贴片	OPERATION PANEL SHEET(ENG)	1	✓	✓	✓	✓	
6	501.13-02-04	操纵箱A	OPERATION BOX A	1	✓	✓	✓	✓	
7	501.13-02-05	操纵箱B	OPERATION BOX B	1	✓	✓	✓	✓	
8	501.13-02-06	操纵面板	OPERATION PANEL PLATE	1	✓	✓	✓	✓	
9	501.13-02-07	螺钉	SCREW M3 L=8	4	✓	✓	✓	✓	
10	501.13-02-08	镀边螺钉	TAPPING SCREW D=3 L=16	4	✓	✓	✓	✓	
11	501.13-02-09	电缆线夹	CABLE CLIP	1	✓	✓	✓	✓	
12	501.13-03	螺钉	SCREW D=3.8 L=20	4	✓	✓	✓	✓	
13	501.13-04	附件组件	ACCESSORIES PART ASM.	1	✓	✓	✓	✓	
14	501.13-04-01	电压指示板A	VOLTAGE INDICATION CARD,A	1	✓	✓	✓	✓	
15	501.13-04-02	延时保险丝	TIMING LAG FUSE	1	✓	✓	✓	✓	
16	501.13-04-03	螺钉	SCREW M4×0.7 L=6	1	✓	✓	✓	✓	
17	501.13-04-04	保险丝, 10A	FUSE 10A	1	✓	✓	✓	✓	
18	501.13-05	1-踏板组件	1-PEDAL ASM.	1	✓	✓	✓	✓	
19	501.13-05-01	保险丝, 8A	FUSE 8A	1	✓	✓	✓	✓	
20	501.13-05-02	螺钉	SCREW M4 L=12	2	✓	✓	✓	✓	
21	501.13-05-03	轴位螺钉	HINGE SCREW D=8 H=3.25	1	✓	✓	✓	✓	
22	501.13-05-04	垫圈	WASHER 4.3×9×0.8	1	✓	✓	✓	✓	
23	501.13-05-05	踏板开关架	PEDAL SWITCH FRAME	1	✓	✓	✓	✓	
24	501.13-05-06	踏板开关杆	PEDAL SWITCH LEVER	1	✓	✓	✓	✓	
25	501.13-05-07	踏板开关电缆组件	PEDAL SWITCH CABLE ASM.	1	✓	✓	✓	✓	
26	501.13-05-08	传感器	PHOTO SENSOR	2	✓	✓	✓	✓	
27	501.13-05-09	电缆夹	CABLE CLIP	1	✓	✓	✓	✓	
28	501.13-05-10	弹簧	SPRING	1	✓	✓	✓	✓	

14 WIRING DIAGRAM

电气连接图

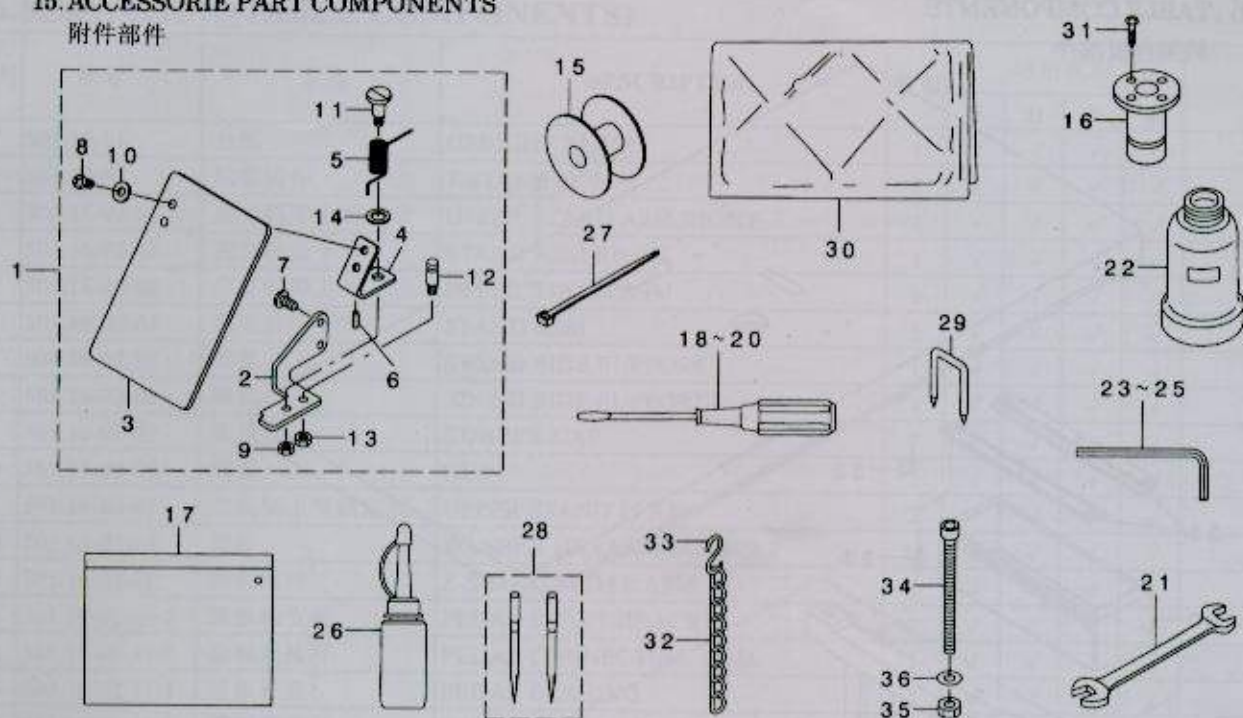


14.电气连接图 (WIRING DLAGRAM)

序号	图号	名称	DESCRIPTION	数量
1	501.14-01	操作面板电线	CABLE OF PANEL	1
2	501.14-02	主电机控制电线	CABLE OF MAIN MOTOR CONTROLS	1
3	501.14-03	主电机反馈电线	CABLE OF MAIN MOTOR FEEDBACK	1
4	501.14-04	压脚剪线控制线	CABLE OF PRESSURE FOOT & THREAD TRIMING CONTROLLING	1
5	501.14-05	主电机控制器电源线	POWER CABLE OF MAIN MOTOR CONTROLS	1
6	501.14-06	主板DC24V电源线	POWER CABLE OF MAIN CIRCUIT BOARD (DC24V)	1
7	501.14-07	主板DC5V电源线	POWER CABLE OF MAIN CIRCUIT BOARD (DC5V)	1
8	501.14-08	步时电机电源线	POWER CABLE OF STEP MOTOR	1
9	501.14-09	控制箱电源线	POWER CABLE OF CONTROL BOX	1
10	501.14-10	步进电机驱动控制线	CABLE OF STEPPING-DRIVING CONTROLLING	1
11	501.14-11	停车光藕电线	CABLE OF STOPING POSITIONING COUPLER	1
12	501.14-12	X.Y 原点光藕电线	CABLE OF X.Y ORIGIN COUPLER	1
13	501.14-13	落压脚开台缝纫光藕电线	CABLE OF PRESSURE & SEWING START COUPLER	1

15. ACCESSORIE PART COMPONENTS

附件部件

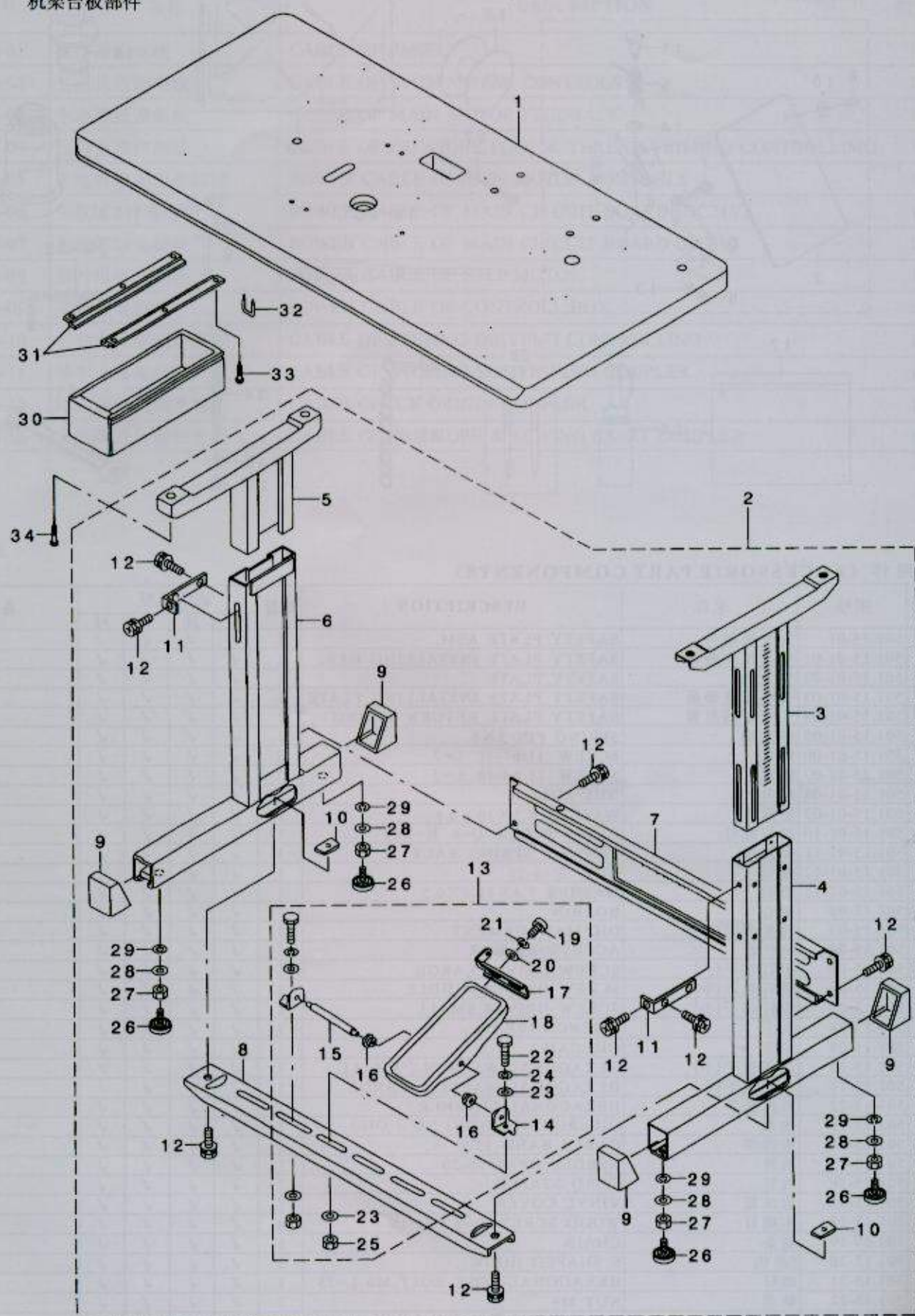


15.附件 (ACCESSORIE PART COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.15-01	安全板组件	SAFETY PLATE ASM.	1	✓	✓	✓	✓	
2	501.15-01-01	安全板安装座	SAFETY PLATE INSTALLING BASE	1	✓	✓	✓	✓	
3	501.15-01-02	安全板	SAFETY PLATE	1	✓	✓	✓	✓	
4	501.15-01-03	安全板安装板	SAFETY PLATE INSTALLING PLATE	1	✓	✓	✓	✓	
5	501.15-01-04	安全板回复簧	SAFETY PLATE RETURN SPRING	1	✓	✓	✓	✓	
6	501.15-01-05	弹簧销	SPRING PIN 2×6	1	✓	✓	✓	✓	
7	501.15-01-06	螺钉	SCREW 11/64-40 L=7	2	✓	✓	✓	✓	
8	501.15-01-07	螺钉	SCREW 11/64-40 L=7	2	✓	✓	✓	✓	
9	501.15-01-08	螺母	NUT 11/64-40	1	✓	✓	✓	✓	
10	501.15-01-09	垫圈	WASHER 4.5×10×0.8	2	✓	✓	✓	✓	
11	501.15-01-10	轴位螺钉	HINGE SCREW D=6 H=10.2	1	✓	✓	✓	✓	
12	501.15-01-11	弹簧架	TENSION SPRING RACK B	1	✓	✓	✓	✓	
13	501.15-01-12	螺母	NUT 3/16-28	1	✓	✓	✓	✓	
14	501.15-01-13	垫圈	WASHER 7.4×11.8×0.5	1	✓	✓	✓	✓	
15	501.15-02	梭心	BOBBIN	1	✓	✓	✓	✓	
16	501.15-03	油量调节器	OIL MANAGEMENT	1	✓	✓	✓	✓	
17	501.15-04	附件箱	ACCESSORY BOX	1	✓	✓	✓	✓	
18	501.15-05	螺钉起子(大)	SCREW DRIVER,LARGE	1	✓	✓	✓	✓	
19	501.15-06	螺钉起子(中)	SCREW DRIVER,MIDDLE	1	✓	✓	✓	✓	
20	501.15-07	螺钉起子(小)	SCREW DRIVER,SMALL	1	✓	✓	✓	✓	
21	501.15-08	扳手	WRENCH (9×10)	1	✓	✓	✓	✓	
22	501.15-09	油壶	OIL CAN	1	✓	✓	✓	✓	
23	501.15-10	六角扳手(小)	HEXAGONAL WAENCH , SMALL	1	✓	✓	✓	✓	
24	501.15-11	六角扳手(大)	HEXAGONAL WAENCH ,LARGE	1	✓	✓	✓	✓	
25	501.15-12	六角扳手	HEXAGONAL SPANNER	1	✓	✓	✓	✓	
26	501.15-13	油壶	OILER(CONTAINING NO.2 OIL)	1	✓	✓	✓	✓	
27	501.15-14	电缆带	CABLE BAND 150	2	✓	✓	✓	✓	
28	501.15-15	机针	NEEDLE DPX5#16-20	1	✓	✓	✓	✓	
29	501.15-16	线钉	CORD STAPLE	7	✓	✓	✓	✓	
30	501.15-17	泡沫箱	VINYL COVER	1	✓	✓	✓	✓	
31	501.15-18	木螺钉	WOOD SCREW D=3.1 L=16	4	✓	✓	✓	✓	
32	501.15-19	链条	CHAIN	1	✓	✓	✓	✓	
33	501.15-20	S形钩	S SHAPED HOOK	2	✓	✓	✓	✓	
34	501.15-21	螺钉	HEXAGONAL-HOLT BOLT M6 L=75	1	✓	✓	✓	✓	
35	501.15-22	螺母	NUT M6	1	✓	✓	✓	✓	
36	501.15-23	垫圈	WASHER	1	✓	✓	✓	✓	

16. TABLE COMPONENTS

机架台板部件

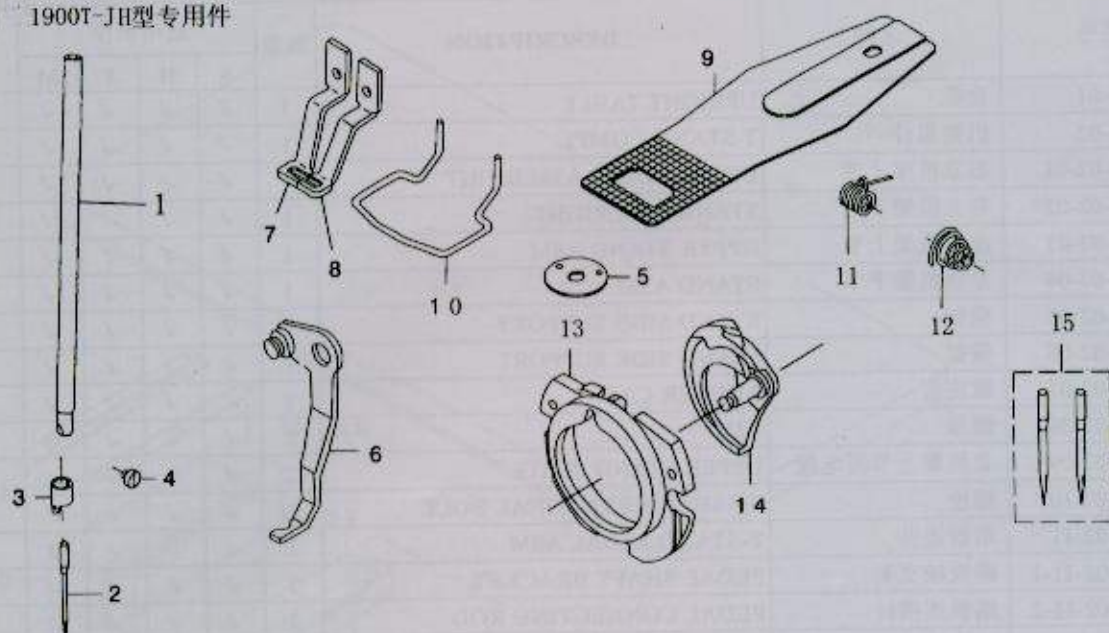


16.机架台板部件(TABLE COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	501.16-01	台板	UPRIGHT TABLE	1	✓	✓	✓	✓	
2	501.16-02	机架组件	T-STAND COMPL.	1	✓	✓	✓	✓	
3	501.16-02-01	右立机架上节	UPPER STAND ASM,RIGHT	1	✓	✓	✓	✓	
4	501.16-02-02	右立机架下节	STAND ASM,RIGHT	1	✓	✓	✓	✓	
5	501.16-02-03	左立机架上节	UPPER STAND ASM	1	✓	✓	✓	✓	
6	501.16-02-04	左立机架下节	STAND ASM	1	✓	✓	✓	✓	
7	501.16-02-05	横架	STAND SIDE SUPPORT	1	✓	✓	✓	✓	
8	501.16-02-06	横架	STAND SIDE SUPPORT	1	✓	✓	✓	✓	
9	501.16-02-07	橡皮套	RUBBER CAP	4	✓	✓	✓	✓	
10	501.16-02-08	螺母	NUT	2	✓	✓	✓	✓	
11	501.16-02-09	立机架上节固定板	UPPER STAND PLATE	2	✓	✓	✓	✓	
12	501.16-02-10	螺栓	WASHER HEXAGONAL BOLT	12	✓	✓	✓	✓	
13	501.16-02-11	踏板组件	Z-STAND PEDAL ASM.	1	✓	✓	✓	✓	
14	501.16-02-11-1	踏板轴支架	PEDAL SHAFT BRACKET	2	✓	✓	✓	✓	
15	501.16-02-11-2	踏板连接杆	PEDAL CONNECTING ROD	1	✓	✓	✓	✓	
16	501.16-02-11-3	连接杆套	PEDAL BUSHING	2	✓	✓	✓	✓	
17	501.16-02-11-4	踏板调节板	PEDAL ADJUSTING PLATE	1	✓	✓	✓	✓	
18	501.16-02-11-5	踏板	PEDAL ASM.	1	✓	✓	✓	✓	
19	501.16-02-11-6	螺钉	SCREW M6 L=12	2	✓	✓	✓	✓	
20	501.16-02-11-7	垫圈	WASHER 6.7×13×1	2	✓	✓	✓	✓	
21	501.16-02-11-8	弹性垫圈	SPRING WASHER 6.2×11.4×1.2	2	✓	✓	✓	✓	
22	501.16-02-11-9	螺钉	SCREW M8 L=20	2	✓	✓	✓	✓	
23	501.16-02-11-10	垫圈	WASHER 8.7×18×1.6	4	✓	✓	✓	✓	
24	501.16-02-11-11	弹性垫圈	SPEING WASHER 8.6×15×1.4	2	✓	✓	✓	✓	
25	501.16-02-11-12	螺母	NUT M8	2	✓	✓	✓	✓	
26	501.16-02-12	调节螺钉	ADJUSTING SCREW ASM,WITH CAP	4	✓	✓	✓	✓	
27	501.16-02-13	螺母	NUT M12	4	✓	✓	✓	✓	
28	501.16-02-14	垫圈	WASHER M12	4	✓	✓	✓	✓	
29	501.16-02-15	弹性垫圈	SPEING WASHER 12.5×21.5×3	4	✓	✓	✓	✓	
30	501.16-03	台板抽屉	DRAWER	1	✓	✓	✓	✓	
31	501.16-04	抽屉导轨	DRAWER SUPPORT	2	✓	✓	✓	✓	
32	501.16-05	抽屉限位勾	DRAWER STOPPER	1	✓	✓	✓	✓	
33	501.16-06	木螺钉	WOOD SCREW D=3.1 L=16	6	✓	✓	✓	✓	
34	501.16-07	木螺钉	WOOD SCREW D=5.1 L=32	4	✓	✓	✓	✓	

17. FOR 1900T-JH MODEL

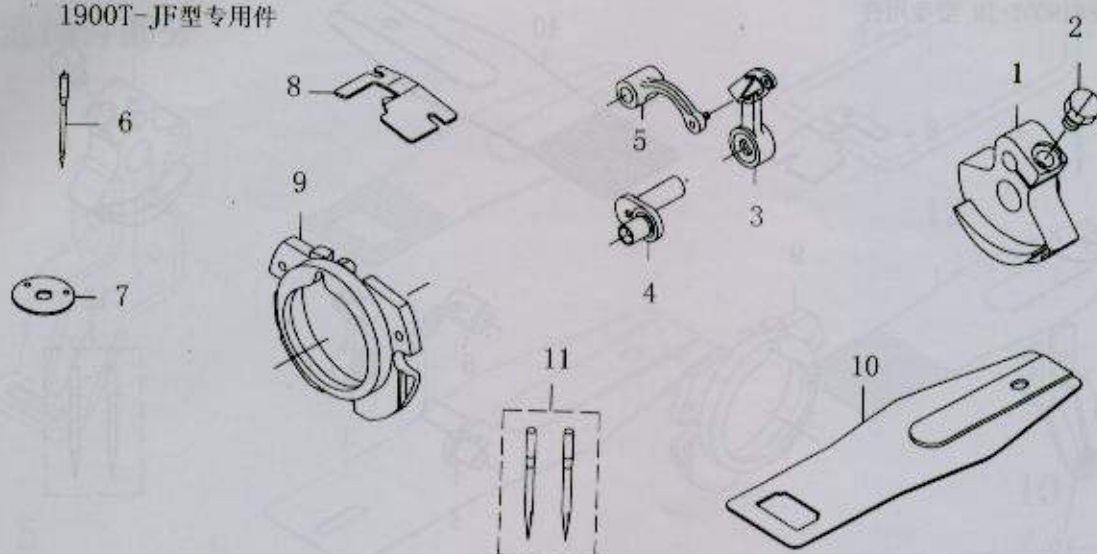
1900T-JH型专用件



17. 1900T-JH型专用件 (FOR 1900T-JH MODEL)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	502.02-46	针杆	NEEDLE BAR	1		✓			
2	502.02-17	机针	NEEDLE DP×17 #19	1		✓			
3	502.02-12	针杆过线勾	NEEDLE BAR THREAD GUIDE	1		✓			
4	502.02-19	机针螺钉	SCREW 1/8-44 L=4.5	1		✓			
5	502.07-63	导向板	NEEDLE HOLE GUIDE	1		✓			
6	502.05-07	拨线器组件	WIPER ASM.	1		✓			
7	502.08-44	左压脚	WORK CLAMP FOOT, RIGHT	1		✓			
8	502.08-47	右压脚	WORK CLAMP FOOT, LEFT	1		✓			
9	502.08-14	送料板A	FEED PLATE A	1		✓			
10	502.08-23	护手托板	FINGER GUARDE	1		✓			
11	502.06-09-06	挑线簧	THREAD TAKE-UP SPRING	1		✓			
12	502.06-09-08	夹线簧	THREAD TENSION SPRING	1		✓			
13	502.04-21	梭床组件	INNER HOOK PRESSER ASM.	1		✓			
14	502.04-20	摆梭	INNER HOOK	1		✓			
15	502.15-15	机针	NEEDLE DPX17#19-2	2		✓			

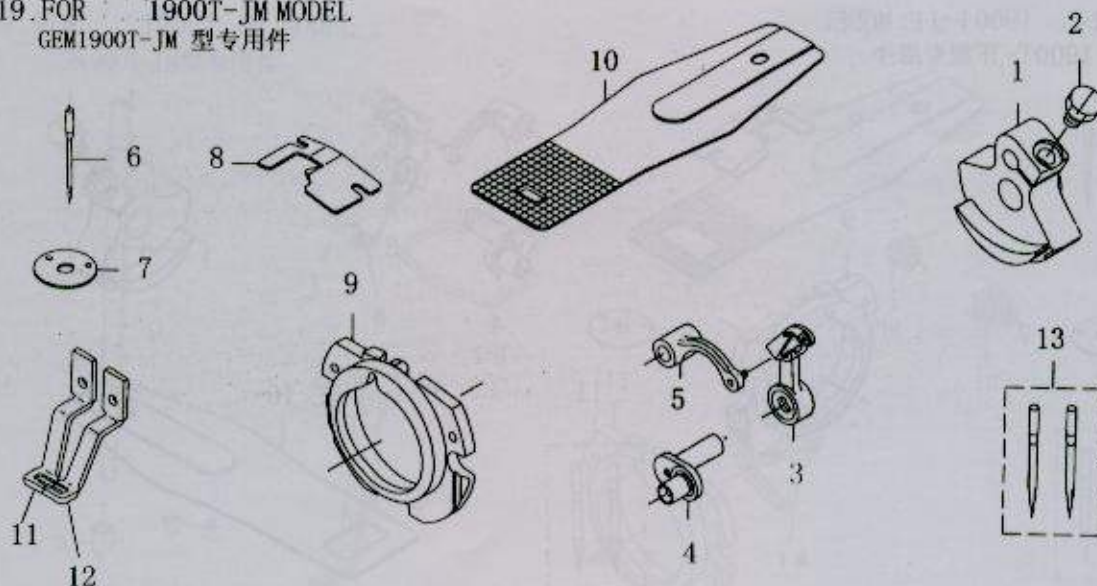
18. FOR 1900T-JF MODEL
1900T-JF型专用件



18. 1900T-JH型专用件 (FOR 1900T-JH MODEL)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	503.02-11	针杆曲柄	COUNTER WEIGHT	1			✓	✓	
2	503.02-25	挑线曲柄螺钉	SCREW 1/4-40 L=12	1			✓	✓	
3	503.02-14-01	挑线杆	THREAD TAKE-UP LEVER	1			✓	✓	
4	503.02-14-06	挑线曲柄	THREAD TAKE-UP LEVER	1			✓	✓	
5	503.02-14-02	挑线连杆	THREAD TAKE-UP CRANK	1			✓	✓	
6	503.02-17	机针	NEEDLE Dp×5 #11	1			✓	✓	
7	503.07-63	导向板	NEEDLE HOLE GUIDE	1			✓	✓	
8	503.04-17	旋梭分线板	SHUTTLE UPPER SPRING	1			✓	✓	
9	503.04-21	梭床组件	INNER HOOK PRESSER ASM.	1			✓	✓	
10	503.08-14	送料板A	FEED PLATE A	1			✓		
11	503.15-15	机针	NEEDLE DPX5#11-2	2			✓	✓	

19. FOR 1900T-JM MODEL
GEM1900T-JM 型专用件

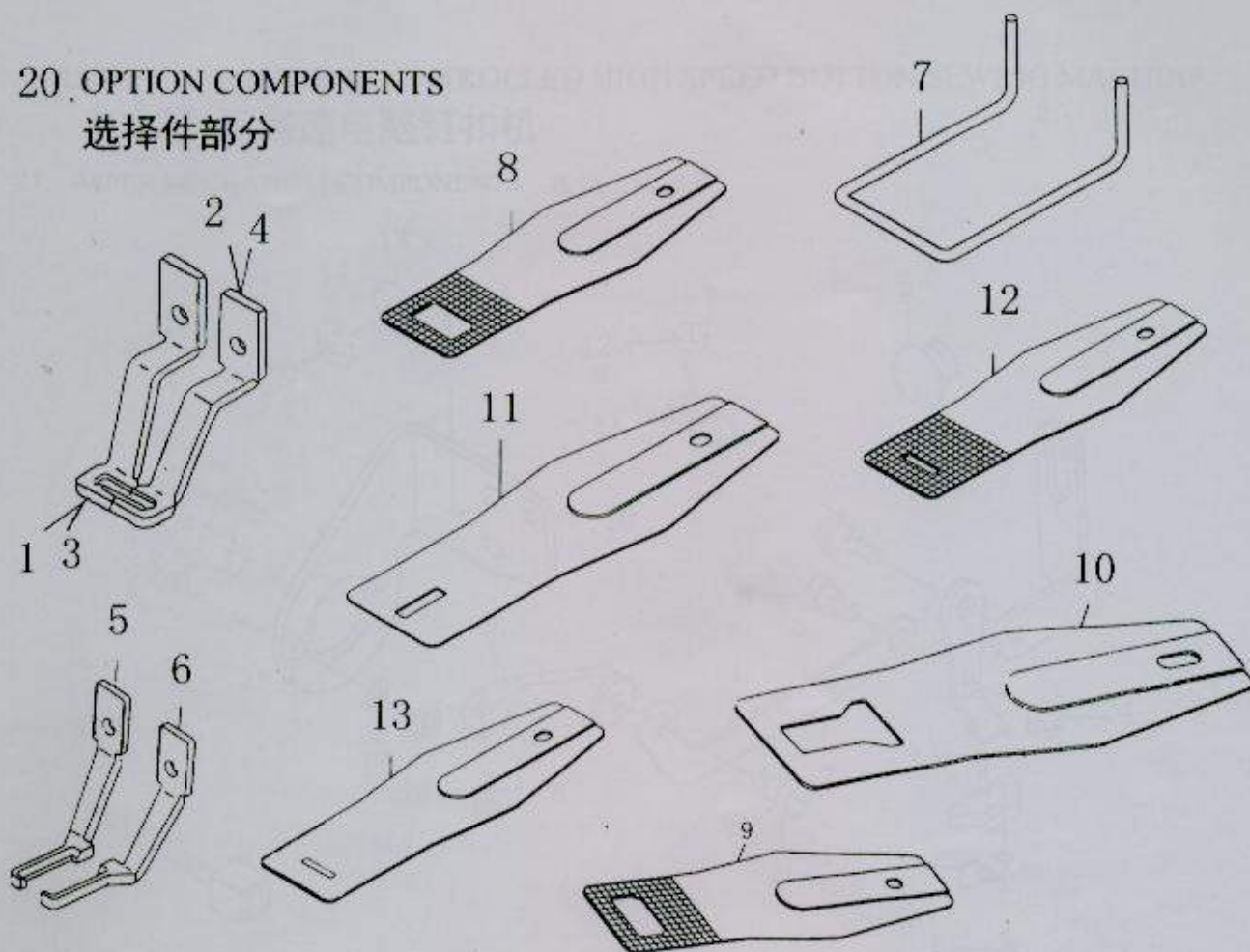


19. 1900T-JH型专用件 (FOR 1900T-JH MODEL)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	504.02-11	针杆曲柄	COUNTER WEIGHT	1			✓	✓	借用503.02-11
2	504.02-25	挑线曲柄螺钉	SCREW 1/4-40 L=12	1			✓	✓	借用503.02-25
3	504.02-14-01	挑线杆	THREAD TAKE-UP LEVER	1			✓	✓	借用503.02-14-01
4	504.02-14-06	挑线曲柄	THREAD TAKE-UP LEVER	1			✓	✓	借用503.02-14-06
5	504.02-14-02	挑线连杆	THREAD TAKE-UP CRANK	1			✓	✓	借用503.02-14-02
6	504.02-17	机针	NEEDLE Dp×5 #11	1			✓	✓	借用503.02-17
7	504.07-63	导向板	NEEDLE HOLE GUIDE	1			✓	✓	借用503.02-63
8	504.04-17	旋梭分线板	SHUTTLE UPPER SPRING	1			✓	✓	借用503.04-17
9	504.04-21	梭床组件	INNER HOOK PRESSER ASM.	1			✓	✓	借用503.02-21
10	504.08-14	送料板A	FEED PLATE A	1				✓	
11	504.08-44	左压脚	WORK CLAMP FOOT, RIGHT	1				✓	
12	504.08-47	右压脚	WORK CLAMP FOOT, LEFT	1				✓	
13	504.15-15	机针	NEEDLE DPX5#11-2	2			✓	✓	借用504.05-15

20. OPTION COMPONENTS

选择件部分



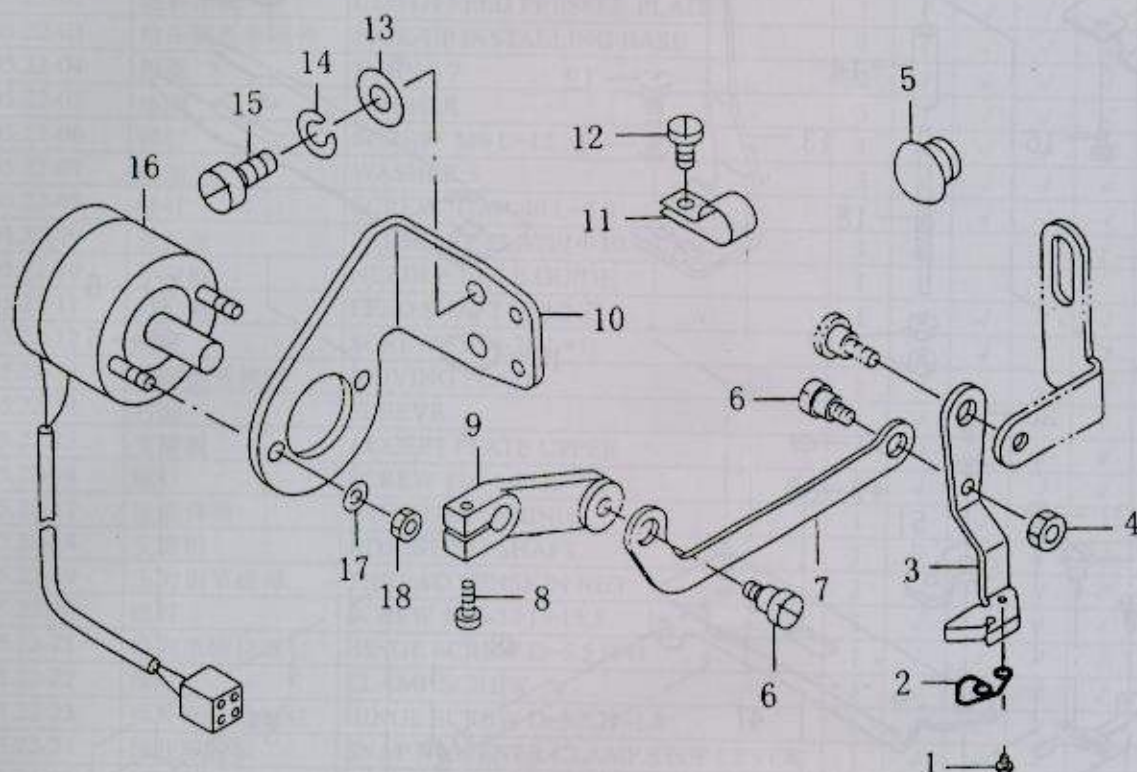
20.选择件部件(OPTION COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					S	H	F	M	
1	502.08-44A	左压脚	WORK CLAMP FOOT, RIGHT			✓			
2	502.08-47A	右压脚	WORK CLAMP FOOT, LEFT			✓			
3	501.08-44A	左压脚	WORK CLAMP FOOT, RIGHT		✓				
4	501.08-47A	右压脚	WORK CLAMP FOOT, LEFT		✓				
5	503.08-44A	左压脚	WORK CLAMP FOOT, RIGHT				✓		
6	503.08-47A	右压脚	WORK CLAMP FOOT, LEFT				✓		
7	503.08-23A	护手托板	FINGER GUARDE				✓		
8	501.08-14A	送料板A	FEED PLATE A		✓				
9	501.08-14B	送料板A	FEED PLATE A		✓				
10	503.08-14B	送料板A	FEED PLATE A				✓		
11	503.08-14C	送料板A	FEED PLATE A				✓		
12	502.08-14A	送料板A	FEED PLATE A			✓			
13	503.08-14A	送料板A	FEED PLATE A			✓			

1903T-K COMPUTER-CONTROLLED HIGH SPEED BUTTON SEWING MACHINE

1903T-K 高速电脑钉扣机

21. WIPER MECHANISM COMPONENTS 拨线夹线部分



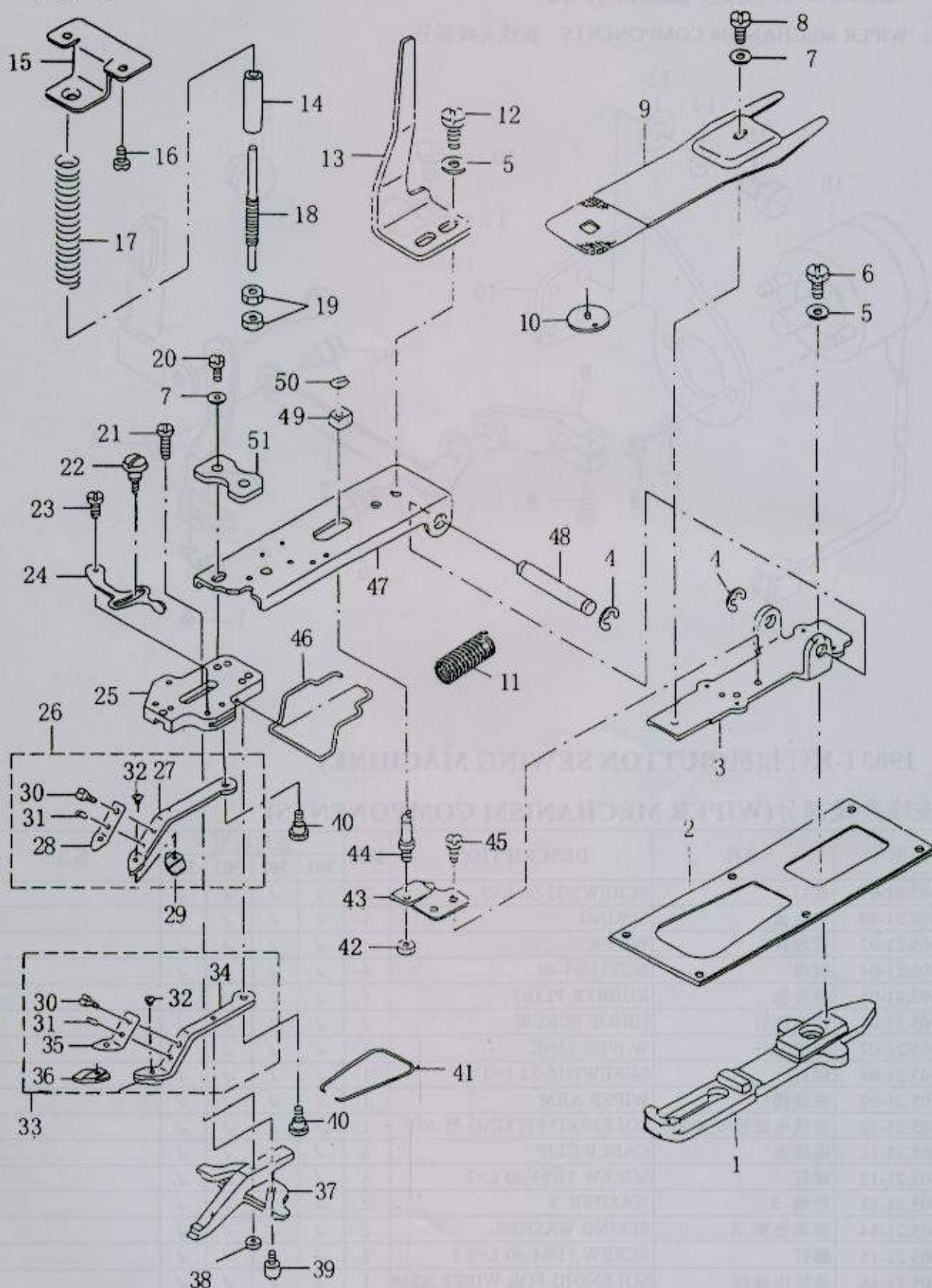
1903T-K钉扣机(BUTTON SEWING MACHINE)

21. 拨线夹线部分(WIPER MECHANISM COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					301	302	303	304	
1	505.21-01	螺钉	SCREW3/32-56 L=3	2	✓	✓	✓	✓	
2	505.21-02	夹线簧	SPRING	1	✓	✓	✓	✓	
3	505.21-03	拨线杆	WIPER	1	✓	✓	✓	✓	
4	505.21-04	螺母	NUT11/64-40	1	✓	✓	✓	✓	
5	505.21-05	橡胶塞	RUBBER PLUG	1	✓	✓	✓	✓	
6	505.21-06	铰链螺钉	HINGE SCREW	2	✓	✓	✓	✓	
7	505.21-07	拨线连杆	WIPER LINK	1	✓	✓	✓	✓	
8	505.21-08	螺钉	SCREW3/16-32 L=12	1	✓	✓	✓	✓	
9	505.21-09	拨线摆杆	WIPER ARM	1	✓	✓	✓	✓	
10	505.21-10	拨线电磁铁安装座	SOLENOID FITTING PLATE	1	✓	✓	✓	✓	
11	505.21-11	电线夹	CABLE CLIP	3	✓	✓	✓	✓	
12	505.21-12	螺钉	SCREW 11/64-40 L=7	3	✓	✓	✓	✓	
13	505.21-13	垫圈 5	WASHER 5	2	✓	✓	✓	✓	
14	505.21-14	弹簧垫圈 5	SPRING WASHER	2	✓	✓	✓	✓	
15	505.21-15	螺钉	SCREW 11/64-40 L=9.5	2	✓	✓	✓	✓	
16	505.21-16	拨线电磁铁	SOLENOID FOR WIPER ASM	1	✓	✓	✓	✓	
17	505.21-17	垫圈 4	SPRING WASHER 4	2	✓	✓	✓	✓	
18	505.21-18	螺母 M4	NUT 4	2	✓	✓	✓	✓	

22. BUTTON CLAMP COMPONENTS

扣夹部分

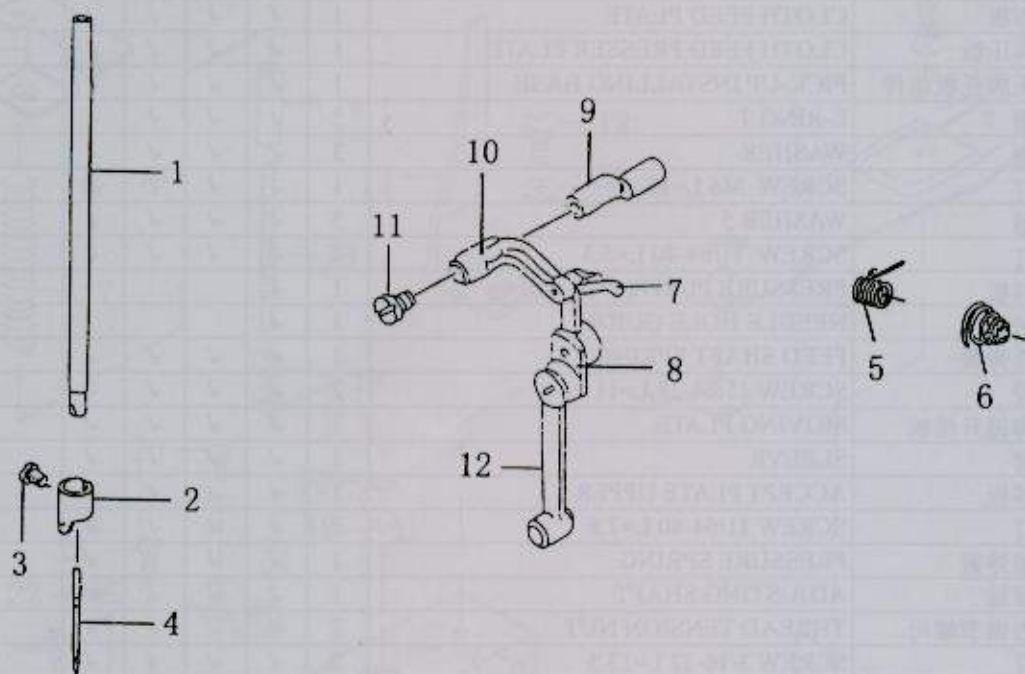


22. 扣夹部件(BUTTON CLAMP COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					301	302	303	304	
1	505.22-01	拖布板	CLOTH FEED PLATE	1	✓	✓	✓	✓	
2	505.22-02	送料压板	CLOTH FEED PRESSER PLATE	1	✓	✓	✓	✓	
3	505.22-03	抬压脚托板组件	PICK-UP INSTALLING BASE	1	✓	✓	✓	✓	
4	505.22-04	挡圈 7	E-RING 7	2	✓	✓	✓	✓	
5	505.22-05	垫圈	WASHER	3	✓	✓	✓	✓	
6	505.22-06	螺钉	SCREW M6 L=12	1	✓	✓	✓	✓	
7	505.22-07	垫圈	WASHER 5	3	✓	✓	✓	✓	
8	505.22-08	螺钉	SCREW 11/64-40 L=5.3	1	✓	✓	✓	✓	
9	505.22-09	送料板	PRESSURE PLATE(Φ10-20)	1	✓				
10	505.22-10	导向板	NEEDLE HOLE GUIDE	1	✓				
11	505.22-11	限位弹簧	FEED SHAFT SPRING	1	✓	✓	✓	✓	
12	505.22-12	螺钉	SCREW 15/64-28 L=11	2	✓	✓	✓	✓	
13	505.22-13	压脚提升推板	MOVING PLATE	1	✓	✓	✓	✓	
14	505.22-14	衬套	SLEEVR	1	✓	✓	✓	✓	
15	505.22-15	支撑板	ACCEPT PLATE UPPER	1	✓	✓	✓	✓	
16	505.22-16	螺钉	SCREW 11/64-40 L=7.8	2	✓	✓	✓	✓	
17	505.22-17	压缩弹簧	PRESSURE SPRING	1	✓	✓	✓	✓	
18	505.22-18	支撑轴	ADJUSTING SHAFT	1	✓	✓	✓	✓	
19	505.22-19	压力调节螺母	THREAD TENSION NUT	2	✓	✓	✓	✓	
20	505.22-20	螺钉	SCREW 3/16-32 L=13.5	2	✓	✓	✓	✓	
21	505.22-21	导向爪轴位螺钉	HINGE SCREW D=5.5 H=3	1	✓	✓	✓	✓	
22	505.22-22	螺钉	CLAMP SCREW	1	✓	✓	✓	✓	
23	505.22-23	预开杆轴位螺钉	HINGE SCREW D=5.5 H=1.8	1	✓	✓	✓	✓	
24	505.22-24	预开限位板	SNAP FASTENER CLAMP STOP LEVER	1	✓	✓	✓	✓	
25	505.22-25	压脚连接板	PICK-UP FOOT INSTALLING BASE	1	✓	✓	✓	✓	
26	505.22-26	左扣夹组件	CLAMP JAW LEVER ASM LEFT	1	✓				
27	505.22-26-01	左扣夹	CLAMP JAW LEVER LEFT(Φ10-20)	1	✓				
28	505.22-26-02	左弹簧压板	SPRING,LEFT(Φ10-20)	1	✓				
29	505.22-26-03	左压板	PLATE LEFT(Φ10-20)	1	✓				
30	505.22-26-04	螺钉	SCREW 9/64-40 L=3.5	2	✓	✓	✓	✓	
31	505.22-26-05	销	BUTTON CLAMP LOCATING PIN	2	✓	✓	✓	✓	
32	505.22-26-06	螺钉	SCREW 3/32-56 L=2.7	2	✓	✓	✓	✓	
33	505.22-27	右扣夹组件	CLAMP JAW LEVER ASM RIGHT	1	✓				
34	505.22-27-01	右扣夹	CLAMP JAW LEVER RIGHT(Φ10-20)	1	✓				
35	505.22-27-02	右弹簧压板	SPRING,RIGHT(Φ10-20)	1	✓				
36	505.22-27-03	右压板	PLATE RIGHT(Φ10-20)	1	✓				
37	505.22-28	扣夹滑动导向爪	BUTTON CALMP SLIDE	1	✓	✓	✓	✓	
38	505.22-29	导向爪螺母	NUT	1	✓	✓	✓	✓	
39	505.22-30	夹爪开合销	BUTTON CLAMP STOP PIN	2	✓	✓	✓	✓	
40	505.22-31	夹爪轴位螺钉	HINGE SCREW D=6.35 H=3.9	2	✓	✓	✓	✓	
41	505.22-32	夹爪弹簧	BUTTON CALMP JAW LEVER SPRING	1	✓	✓	✓	✓	
42	505.22-33	螺母	NUT 15/64-28	1	✓	✓	✓	✓	
43	505.22-34	变位支撑座	SUPPORT PLATE	1	✓	✓	✓	✓	
44	505.22-35	中心定位轴	STATIONING BLOCK SHAFT	1	✓	✓	✓	✓	
45	505.22-36	螺钉	SCREW 11/64-40 L=4.8	2	✓	✓	✓	✓	
46	505.22-37	护指器	FINGER GUARD	1	✓	✓	✓	✓	
47	505.22-38	压脚联板	PICK-UP FOOT INSTALLING BASE	1	✓	✓	✓	✓	
48	505.22-39	转动轴	INSTALLING SHAFT	1	✓	✓	✓	✓	
49	505.22-40	中心定位块	SLIDE BLOCK	1	✓	✓	✓	✓	
50	505.22-41	挡圈 4	SNAP RING,FOR CONNECTING ROD	1	✓	✓	✓	✓	
51	505.22-42	压力盘	PRESSUER PLATE	1	✓	✓	✓	✓	

23. NEEDLE BAR & THREAD TENSION COMPONENTS

针杆、夹线器部分



23. 针杆、夹线器部份(Needle Bar Thread Tension Components)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					301	302	303	304	
1	505.23-01	针杆	NEEDLE BAR	1	✓	✓	✓	✓	
2	505.23-02	过线勾	NEEDLE BAR THREAD GUIDE	1	✓	✓	✓	✓	
3	505.23-03	螺钉	SCREW 1/8-44 L=4.5	1	✓	✓	✓	✓	
4	505.23-04	机针	NEEDLE DPX17#14	1	✓	✓	✓	✓	
5	505.25-05	挑线簧	THR FAD TAKE-UP SPRING	1	✓	✓	✓	✓	
6	505.23-06	夹线簧	THREAD TENTION SPRING	1	✓	✓	✓	✓	
7	505.23-07	挑线杆组件	THREACK TAKE-UP LEVER ASM	1	✓	✓	✓	✓	
8	505.23-08	挑线曲柄	NEEDLE ROD CRANK	1	✓	✓	✓	✓	
9	505.23-09	连杆销	LINK TAKE-UP LEVER PIN, HEAVY	1	✓	✓	✓	✓	
10	505.23-10	挑线连杆	THREAD TAKE-UP CRANK	1	✓	✓	✓	✓	
11	505.23-11	螺钉	SET SCREW	1	✓	✓	✓	✓	
12	505.23-12	针杆连杆	NEEDLE BAR CRANK ROD	1	✓	✓	✓	✓	

24. PRESSER LIFTER COMPONENTS

抬压脚部件

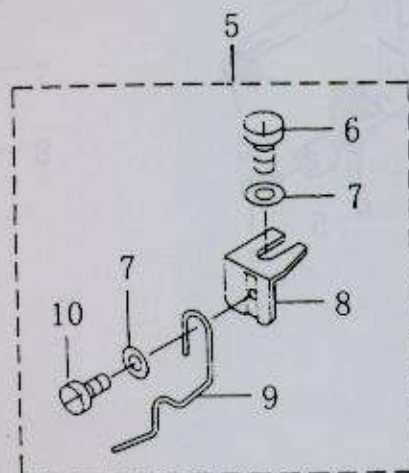
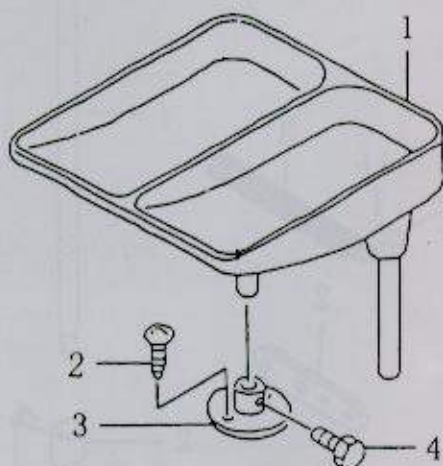


24.抬压脚部件(PRESS LIFTER COMPONENTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					301	302	303	304	
1	505.24-01	油封	RUBBER PLUG	1	✓	✓	✓	✓	
2	505.24-02	连杆	SOLENOID LINK	1	✓	✓	✓	✓	
3	505.24-03	拉簧	TENTION SPRING	1	✓	✓	✓	✓	
4	505.24-04	铰链螺钉	HINGE SCREW D=7.94 H=12.7	1	✓	✓	✓	✓	
5	505.24-05	转子	STOP MOTION TRIPPING LEVER CAM	1	✓	✓	✓	✓	
6	505.24-06	垫圈	HOOK SHAFT WASHER	1	✓	✓	✓	✓	
7	505.24-07	摆杆	CONNECTING ARM	1	✓	✓	✓	✓	

25. ACCESSORIES PARTS

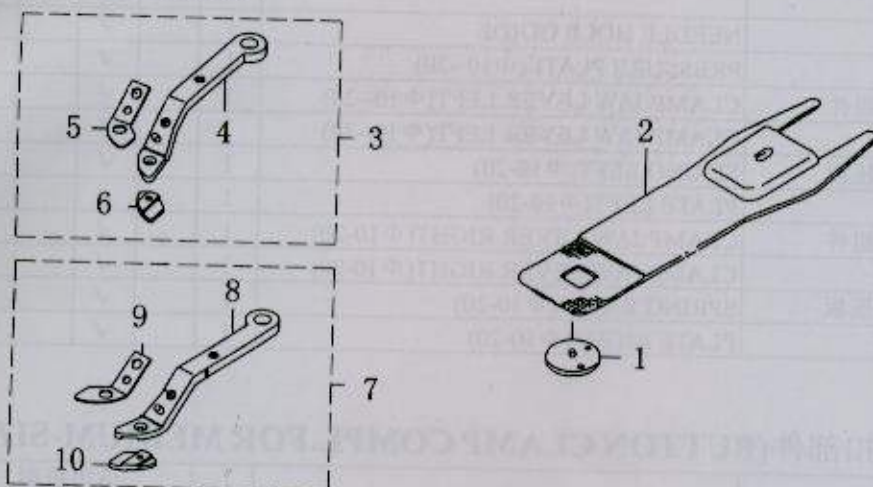
附件



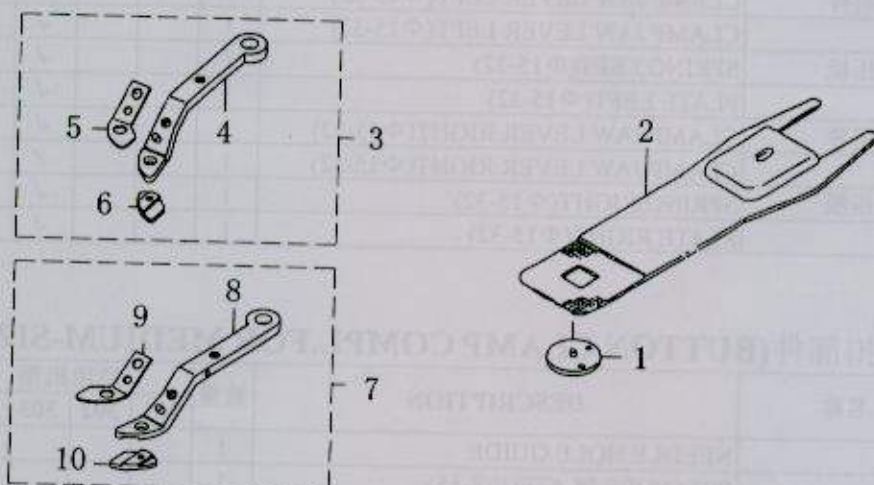
25. 附件(ACCESSORIES PARTS)

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					301	302	303	304	
1	505.25-01	托盘组件	BUTTON TRAY ASM	1	√	√	√	√	
2	505.25-02	自攻螺钉	WOOD SCREW D=4.2 L=19	1	√	√	√	√	
3	505.25-03	托盘底座	BUTTON TRAY BASE	1	√	√	√	√	
4	505.25-04	螺钉	SCREW M=6 L=12	1	√	√	√	√	
5	505.25-05	提升杆组件	BUTTON RISING BAR ASM	1	√	√	√	√	
6	505.25-05-01	螺钉	SCREW 9/64-40 L=8	1	√	√	√	√	
7	505.25-05-02	垫圈 4	WASHER 4	1	√	√	√	√	
8	505.25-05-03	提升杆座	INSTALLING BASE	1	√	√	√	√	
9	505.25-05-04	提升杆	BUTTON RISING BAR	1	√	√	√	√	
10	505.25-05-05	螺钉	SCREW 1/8-44 L=3.2	1	√	√	√	√	

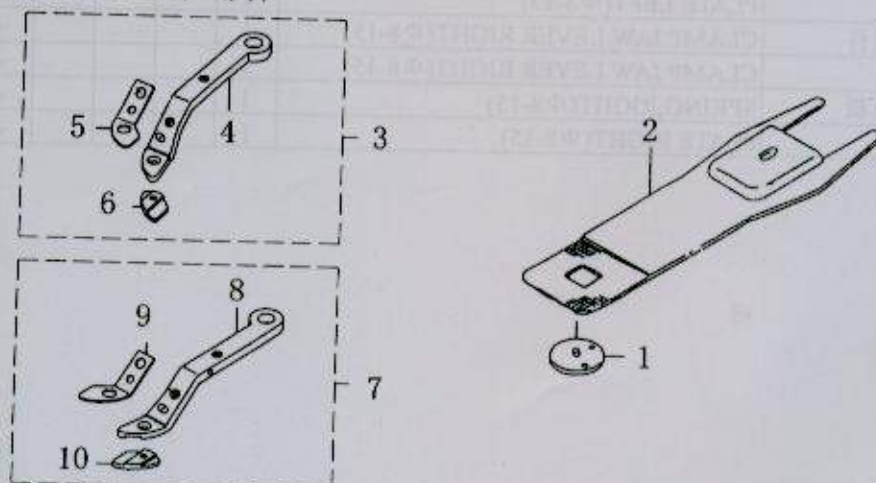
26.1903T-K302 : BUTTON CLAMP COMPL. FOR MEDIUM-SIZED BUTTONS
1903T-K302: 夹扣部件



27.1903T-K303 : BUTTON CLAMP COMPL. FOR LARGE-SIZED BUTTONS
1903T-K303: 夹扣部件



28.1903T-K304 : BUTTON CLAMP COMPL. FOR VERY SMALL-SIZED BUTTONS
1903T-K304: 夹扣部件



26 1903T-K302:夹扣部件(BUTTON CLAMP COMPL.FOR MEDIUM-SIZED

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					301	302	303	304	
1	506.22-10	导向板	NEEDLE HOLE GUIDE	1		✓			
2	506.22-09	送料板	PRESSURE PLATE(Φ10--20)	1		✓			
3	506.22-26	左扣夹组件	CLAMP JAW LEVER LEFT(Φ10--20)	1		✓			
4	506.22-26-01	左扣夹	CLAMP JAW LEVER LEFT(Φ10--20)	1		✓			
5	506.22-26-02	左弹簧压板	SPRING,LEFT(Φ10-20)	1		✓			
6	506.22-26-03	左压板	PLATE LEFT(Φ10-20)	1		✓			
7	506.22-27	右扣夹组件	CLAMP JAW LEVER RIGHT(Φ10-20)	1		✓			
8	506.22-27-01	右扣夹	CLAMP JAW LEVER RIGHT(Φ10-20)	1		✓			
9	506.22-27-02	右弹簧压板	SPRING,RIGHT(Φ10-20)	1		✓			
10	506.22-27-03	右压板	PLATE RIGHT(Φ10-20)	1		✓			

27. 1903T-K302:夹扣部件(BUTTON CLAMP COMPL.FOR MEDIUM-SIZED

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					301	302	303	304	
1	507.22-10	导向板	NEEDLE HOLE GUIDE	1			✓		
2	507.22-09	送料板	PRESSURE PLATE(Φ15-32)	1			✓		
3	507.22-26	左扣夹组件	CLAMP JAW LEVER LEFT(Φ15-32)	1			✓		
4	507.22-26-01	左扣夹	CLAMP JAW LEVER LEFT(Φ15-32)	1			✓		
5	507.22-26-02	左弹簧压板	SPRING,LEFT(Φ15-32)	1			✓		
6	507.22-26-03	左压板	PLATE LEFT(Φ15-32)	1			✓		
7	507.22-27	右扣夹组件	CLAMP JAW LEVER RIGHT(Φ15-32)	1			✓		
8	507.22-27-01	右扣夹	CLAMP JAW LEVER RIGHT(Φ15-32)	1			✓		
9	507.22-27-02	右弹簧压板	SPRING,RIGHT(Φ15-32)	1			✓		
10	507.22-27-03	右压板	PLATE RIGHT(Φ15-32)	1			✓		

28. 1903T-K302:夹扣部件(BUTTON CLAMP COMPL.FOR MEDIUM-SIZED

序号	图号	名称	DESCRIPTION	数量	适用机型				备注
					301	302	303	304	
1	508.22-10	导向板	NEEDLE HOLE GUIDE	1				✓	
2	508.22-09	送料板	PRESSURE PLATE(Φ8-15)	1				✓	
3	508.22-26	左扣夹组件	CLAMP JAW LEVER LEFT(Φ8-15)	1				✓	
4	508.22-26-01	左扣夹	CLAMP JAW LEVER LEFT(Φ8-15)	1				✓	
5	508.22-26-02	左弹簧压板	SPRING,LEFT(Φ8-15)	1				✓	
6	508.22-26-03	左压板	PLATE LEFT(Φ8-15)	1				✓	
7	508.22-27	右扣夹组件	CLAMP JAW LEVER RIGHT(Φ8-15)	1				✓	
8	508.22-27-01	右扣夹	CLAMP JAW LEVER RIGHT(Φ8-15)	1				✓	
9	508.22-27-02	右弹簧压板	SPRING,RIGHT(Φ8-15)	1				✓	
10	508.22-27-03	右压板	PLATE RIGHT(Φ8-15)	1				✓	