



MAUSER
S P E Z I A L

MI5530
Sewing Machine
缝纫机

Instructions for Operating **GB**

操作说明书 **CN**

Parts List **GB**

零件样本 **CN**

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非常感谢您购买本公司的工业缝纫机。在使用缝纫机之前，请仔细阅读<为了您的安全使用>和使用说明书。

工业缝纫机的特性之一，是要在机针和旋梭等运动零部件附近进行操作，而这些零部件很容易引起受伤的危险，所以请在接受过培训的人员或有熟练操作技术的人员的指导下，正确地使用本缝纫机。



为了您的安全使用

1. 安全使用的标记及其意义

本使用说明书及产品所使用的标记和图案记号是为了您的安全而正确地使用本产品，防止您及他人受到危害和损害。

表示方法及含义如下：

说明

 危险	如果忽视此标记而进行了错误的操作，必将导致人员死亡或重伤。
 注意	如果忽视此标记而进行了错误的操作，有可能会引起人员受伤及造成设备损坏。

图案和符号



符号△表示“应注意事项”。
三角中的图案表示必须要注意的内容。
(如左图的符号表示“注意受伤”。)



符号⊘表示“禁止”。



符号●表示“必须”。
圆圈中的图案表示必须要做的内容。
(如左图的符号表示“必须接地”。)

Thank you very much for buying our sewing machine. Before using your new machine, please read the safety instructions below and the explanations given in the Operation Instruction.



With industrial sewing machines, it is normal to carry out work while positioned directly in front of moving parts such as the needle and thread take-up lever, and consequently there is always a danger of injury that can be caused by these parts. Follow the instructions from training personnel and instructors regarding safe and correct operation before operating the machine so that you will know how to use it correctly.

SAFETY INSTRUCTIONS

1. Safety indications and their meanings

This instruction manual and the indications and symbols that are used on the machine itself are provided in order to ensure safe operation of this machine and to prevent accidents and injury to yourself or other people. The meaning of these indications and symbols are given below.

Indications

	DANGER	The instructions which follow this term indicate situations where failure to follow the instructions will almost certainly result in death or severe injury.
	CAUTION	The instructions which follow this term indicate situations where failure to follow the instructions could cause injury when using the machine or physical damage to equipment and surroundings.

Symbols



..... This symbol (\triangle) indicates something that you should be careful of. The picture inside the triangle indicates the nature of the caution that must be taken. (For example, the symbol at left means "beware of injury".)



..... This symbol (\circ) indicates something that you must not do.



..... This symbol (\bullet) indicates something that you must do. The picture inside the circle indicates the nature of the thing that must be done. (For example, the symbol at left means "you must make the ground connection".)

⚠ 危险



打开控制箱盖时，必须先关闭电源开关并将电源插头从插座上拔下，至少等待5分钟后，再打开控制箱盖。触摸带有高电压的区域将会造成人员伤亡。

⚠ 注意

使用环境



应避免在强电气干扰源(如高频焊机)的附近使用缝纫机。强电气干扰源可能会影响缝纫机的正确操作。



缝纫机的最佳工作环境是相对湿度在45%-85%的范围内，干燥或潮湿的环境均会影响缝纫机的正确操作。



电源电压的波动应该在额定电压的±10%以内的环境下使用。电压大幅度的波动会影响缝纫机的正确操作。



使用时应避免暴露于直射的阳光下。直射的阳光会影响缝纫机的正确操作。



电源容量应大于缝纫机的消耗能量。电源容量不足会影响缝纫机的正确操作。



万一发生雷电暴风雨时，关闭电源开关，并将电源插头从插座上拔下。雷电可能会影响缝纫机的正确操作。



环境温度应在5°C-35°C的范围内使用。低温或高温会影响缝纫机的正确操作。

安装



请让受过培训的技术人员来安装缝纫机。



固定电缆时，不要过度弯曲电缆或用卡钉固定得过紧，会引起火灾或触电的危险。



请委托购买商店或电气专业人员进行电气配线。



如果使用带小脚轮的工作台，则应该固定小脚轮，使其不能移动。



缝纫机重约40公斤，安装工作必须由两人以上来完成。



缝纫机头倒下或竖起时，请用双手进行操作。单手操作时因缝纫机的重量万一滑落易导致受伤。



在安装完成前，请不要连接电源，如果误按启动开关，缝纫机动作会导致受伤。



使用润滑油或黄油时，务必戴好保护眼镜和保护手套等，以防润滑油落入眼中或沾在皮肤上，这是引起发炎的原因。另外，润滑油或黄油不能饮用，否则会引起呕吐和腹泻。将油放在小孩拿不到的地方。



请在切断电源后，再拔掉电源插头。不然易成为控制箱发生故障的原因。



必须接地。接驳地线不牢固，是造成触电或误动作的原因。

DANGER



Wait at least 5 minutes after turning off the power switch and disconnecting the power cord from the wall outlet before opening the face plate of the control box. Touching areas where high voltages are present can result in severe injury.

CAUTION

Environmental requirements



Use the sewing machine in an area which is free from sources of strong electrical noise such as high-frequency welders. Sources of strong electrical noise may cause problems with correct operation.



Any fluctuations in the power supply voltages should be within $\pm 10\%$ of the rated voltage for the machine. Voltage fluctuations which are greater than this may cause problems with correct operation.



The power supply capacity should be greater than the requirements for the sewing machine's electrical consumption. Insufficient power supply capacity may cause problems with correct operation.



The ambient temperature should be within the range of 5°C to 35°C during use. Temperatures which are lower or higher than this may cause problems with correct operation.



The relative humidity should be within the range of 45% to 85% during use, and no dew formation should occur in any devices. Excessively dry or humid environments and dew formation may cause problems with correct operation.



Avoid exposure to direct sunlight during use. Exposure to direct sunlight may cause problems with correct operation.



In the event of an electrical storm, turn off the power and disconnect the power cord from the wall outlet. Lightning may cause problems with correct operation.

Installation



Machine installation should only be carried out by a qualified technician.



Contact your dealer or a qualified electrician for any electrical work that may need to be done.



The sewing machine weighs approximately 40kg. The installation should be carried out by two or more people.



Don't connect the power cord until installation is complete, otherwise the machine may operate if the foot switch is depressed by mistake, which could result in injury.



Be sure to connect the ground. If the ground connection is not secure, you run a high risk of receiving a serious electric shock, and problems with correct operation may also occur.



Install the safety covers to the machine head and motor.



Hold the machine head with both hands when tilting it back or returning it to its original position. Furthermore, after tilting back the machine head, do not push the face plate side or the pulley side from above, as this could cause the machine head to topple over, which may result in personal injury or damage to the machine.



All cords should be secured at least 25mm away from any moving parts. Furthermore, do not excessively bend the cords or secure them too firmly with staples, otherwise there is the danger that fire or electric shocks could occur.



If using a work table which has casters, the casters should be secured in such a way so that they cannot move.



Be sure to wear protective goggles and gloves when handling the lubricating oil and grease, so that they don't get into your eyes or onto your skin, otherwise inflammation can result. Furthermore, do not drink the oil or eat the grease under any circumstances, as they can cause vomiting and diarrhoea. Keep the oil out of the reach children.

注意

缝纫



本缝纫机仅限于接受过安全操作培训的人员使用。



为了安全起见，在使用本缝纫机之前，请安装保护装置。如果未安装这些安全装置就使用缝纫机，会造成人身伤害及缝纫机损坏。



本缝纫机不能用于除缝纫以外的任何其他用途。



缝纫过程中不要触摸任何活动部件或将物件靠在运动部件上，因为这会导致受伤或缝纫机损坏。



发生下列情况时，请切断电源。否则误按动启动开关，缝纫机动作会导致受伤。

- 机针穿线时
- 更换机针或梭芯时
- 缝纫机不使用，或人离开缝纫机时



如果缝纫机操作中发生误动作，或者听到异常的噪声或闻到异常的气味，应立即切断电源。然后与购买商店或受过培训的技术人员联系。



如果使用带小脚轮的工作台，则应该固定小脚轮，使其不能移动。



如果缝纫机出现故障时，请与购买商店或受过培训的技术人员联系。

清洁



在开始清洁作业前，请切断电源。如果误踩了脚开关，缝纫机动作会导致人员受伤。



使用润滑油或黄油时，务必戴好保护眼镜和保护手套等，以防润滑油落入眼中或沾在皮肤上，这是引起发炎的原因，另外，润滑油或黄油不能饮用，否则会引起呕吐和腹泻。
将油放在小孩拿不到的地方。

CAUTION

Sewing



This sewing machine should only be used by operators who have received the necessary training in safe use beforehand.



If using a work table which has casters, the casters should be secured in such a way so that they cannot move.



The sewing machine should not be used for any applications other than sewing.



Attach all safety devices before using the sewing machine. If the machine is used without these devices attached, injury may result.



Be sure to wear protective goggles when using the machine.

If goggles are not worn, there is the danger that if a needle breaks, parts of the broken needle may enter your eyes and injury may result.



Do not touch any of the moving parts or press any objects against the machine while sewing as this may result in personal injury or damage to the machine.



Turn off the power switch at the following times, otherwise the machine may operate if the foot switch is depressed by mistake, which could result in injury.

- When threading the needle
- When replacing the needle and bobbin
- When not using the machine and when leaving the machine unattended



If an error occurs in machine operation, or if abnormal noises or smells are noticed, immediately turn off the power switch. Then contact your nearest dealer or a qualified technician.



If the machine develops a problem, contact your nearest dealer or a qualified technician.

Cleaning



Turn off the power switch before carrying out cleaning, otherwise the machine may operate if the foot switch is depressed by mistake, which could result in injury.

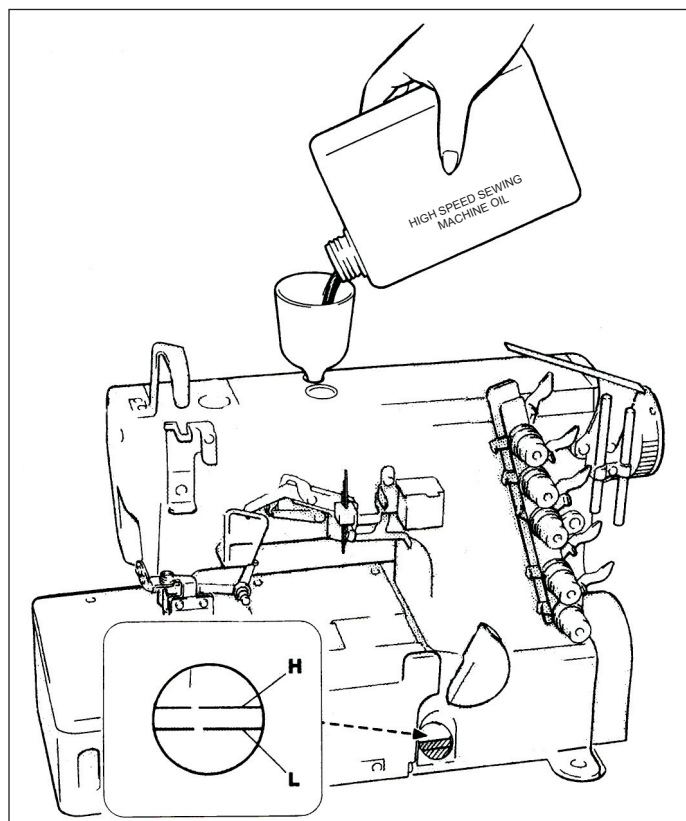


Be sure to wear protective goggles and gloves when handling the lubricating oil and grease, so that they do not get into your eyes or onto your skin, otherwise inflammation can result. Furthermore, do not drink the oil or eat the grease under any circumstances, as they can cause vomiting and diarrhoea. Keep the oil out of the reach of children.

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1. 供油 Lubrication



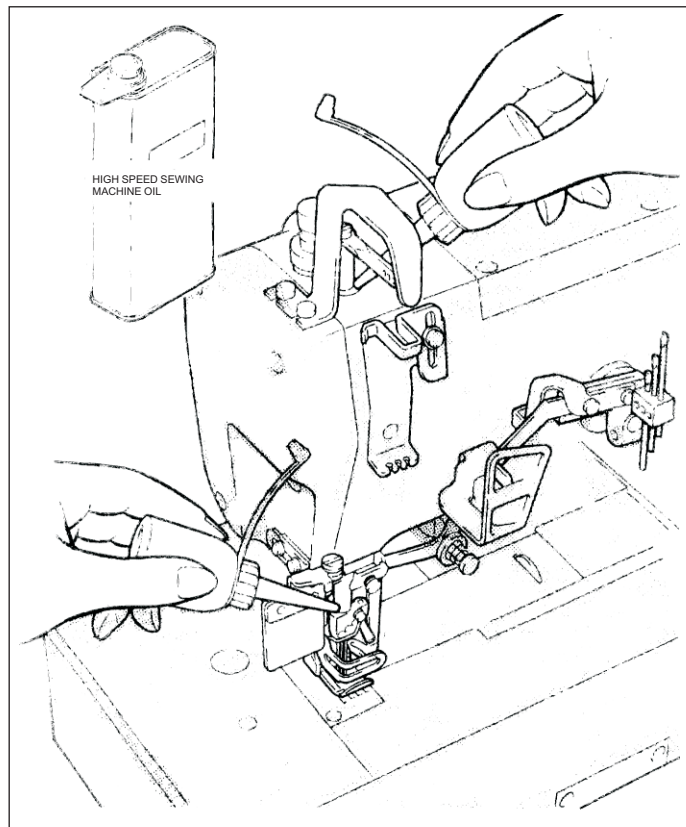
1. 加油量是使油面处于H线与L线之间为好. 当油面低于L线时, 就要及时补充机油.

EN

1. After filling the oil pan, the oil surface should lie between (H) and (L) lines.

Add oil, when the oil surface reaches or goes below (L).

2. 手动给油 Manual lubrication

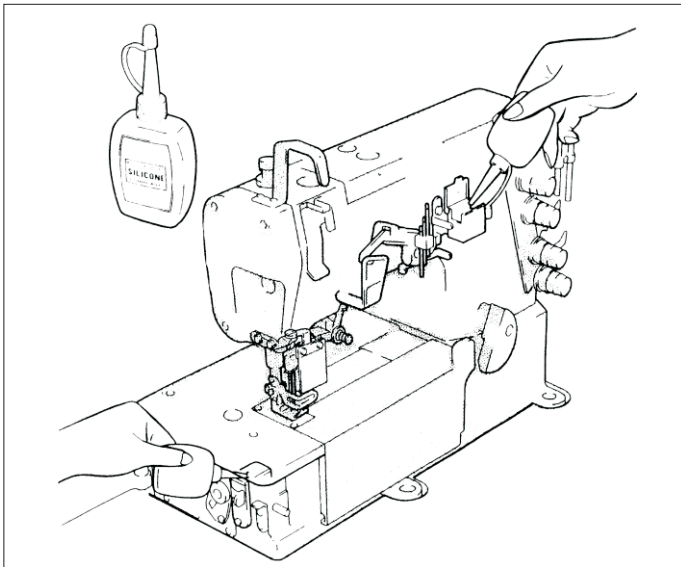


1. 手动给油是在缝纫机最开始使用时, 或停用一段时间重新开始使用时, 请供给2-3滴油.

EN

1. Apply 2 or 3 drops of oil by hand when the machine is used for the first time or has been left unused for some time.

3. 给HR装置供油 Filling the HR device with silicon oil

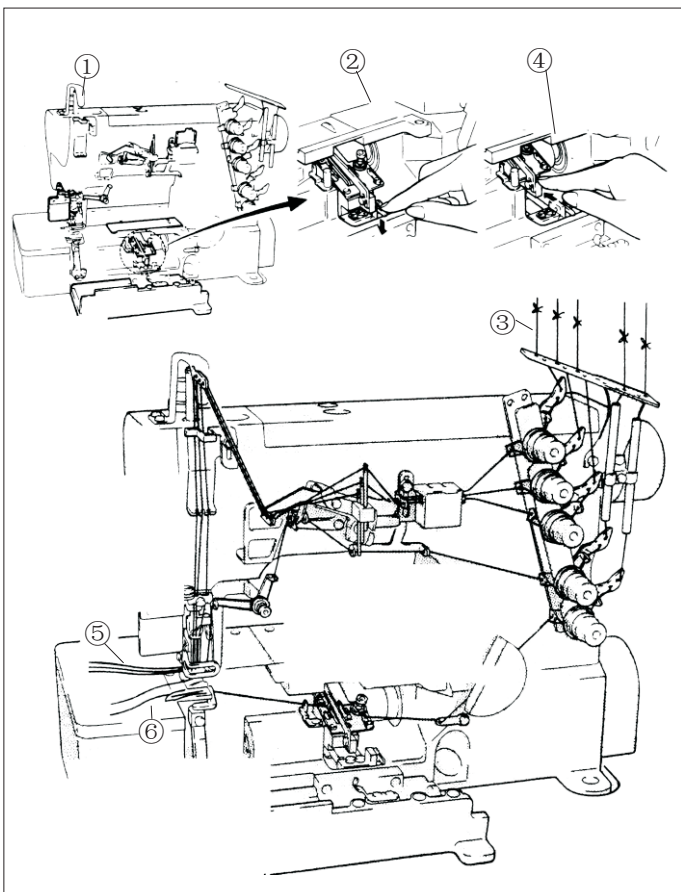


1. 为了防止布纤维或线被切断，请尽早给HR装置供油。
注：关于购买硅酯油，请咨询缝纫机代銷店或本公司营业所联系。

EN

- 1) Fill the HR device with oil be for it is too low in order to prevent needle thread breakage and fabric damage.
Note: Use Pegasus recommended silicon oil. (UNION CARBIDE CORPORATION) UCC L-45 (350)

4. 穿线的方法 Threading

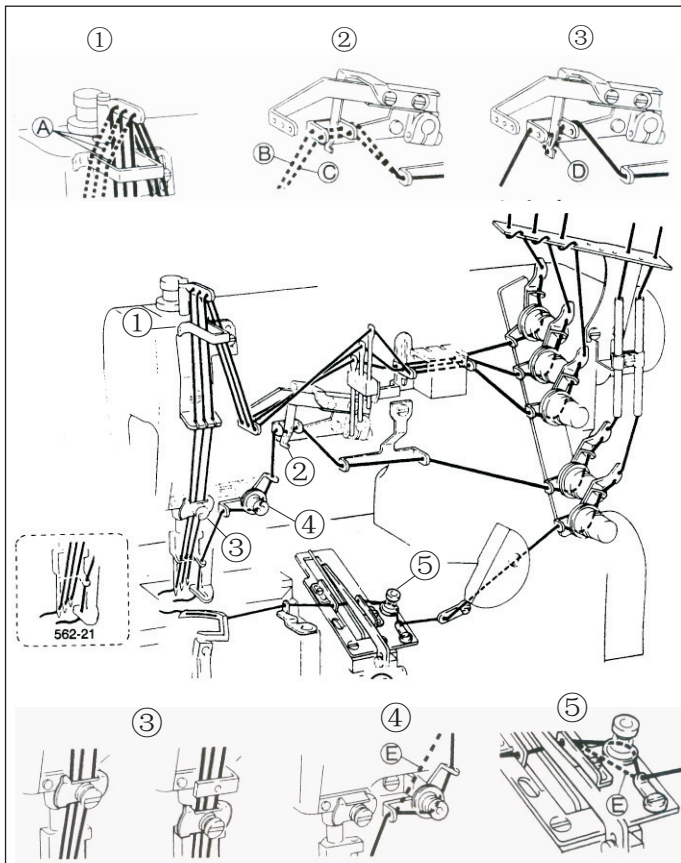


- 1) 请掀起护眼板, 打开机盖.
- 2) 摁压(弯针挑线器会跳出来)
- 3) 把机上原有的线与缝纫用线绑结在一起.
- 4) 穿好线后将弯针挑线器推回原位.
- 5) 针线(将线拉到针眼前, 剪掉接头再次穿好针线)
- 6) 弯针线上装饰线(直到拉出接头过来后, 用剪刀剪齐接头, 整齐.
- 7) 若机上原来没有线, 请参照穿线图正确进行穿线.

EN

- 1) Open the guard and three covers.
- 2) Press down. (The looper thread take-up after threading.
- 3) Kont the preset thread and the thread being used together to thread the machine.
- 4) replace the looper thread take-up after threading.
- 5) Needle thread Trim the knots off neatly before passing through the eye of the needle to rethread.
- 6) Looper thread , Top cover thread Trim the knots off neatly after passing through the eye of the looper.
- 7) Be sure to thread the machine correctly by referring to the threading diagram.

5-1. 穿线图(2针、3针) Threading diagram

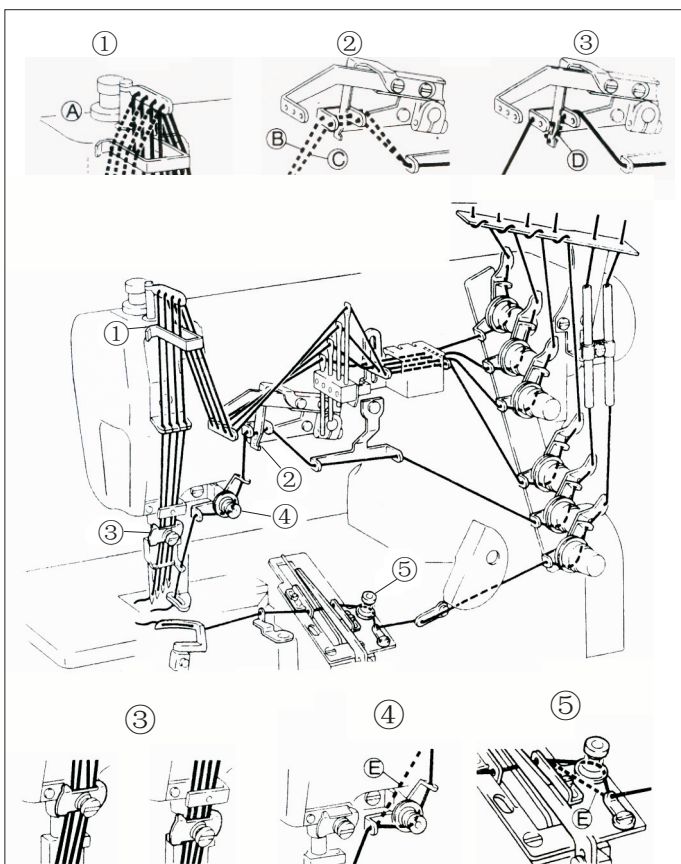


- ① 若使用伸缩大的线时,为点线 A 方向。
- ② 装饰线太松时用 B ,若用 B 还松时用 C 。
- ③-1 穿伸缩大的线时
- ③-2 穿伸缩小的线时
- ④穿伸缩大的线时用点 E 的方向。

EN

- ①Broken lines A , for more stretch able thread.
- ②In the top cover thread is too loose, use broken line B . If the top cover thread is still too loose after threading with broken line B , use broken line C .
- ③-1 For more stretch-able threads.
- ③-2 For less stretch-able threads.
- ④Broken lines E for more stretchable thread (Solid lines for ordinary thread).

5-2. 穿线图(4针) Threading diagram

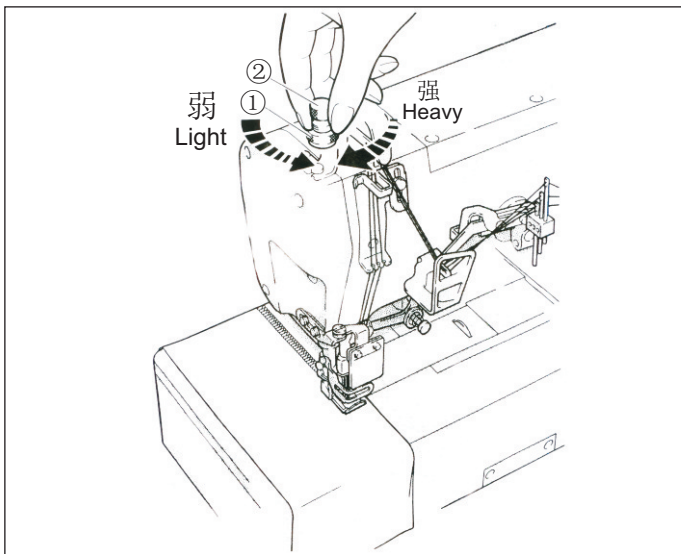


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- ② 装饰线太松时用 B ,若用 B 还松时用 C 。
- ③-1 穿伸缩大的线时
- ③-2 穿伸缩小的线时
- ④穿伸缩大的线时用点 E 的方向。

EN

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- ③-1 For more stretch-able threads.
- ③-2 For less stretch-able threads.
- ④Broken lines E for more stretchable thread (Solid lines for ordinary thread).

6. 压脚压力的调节 Adjusting the presser foot pressure



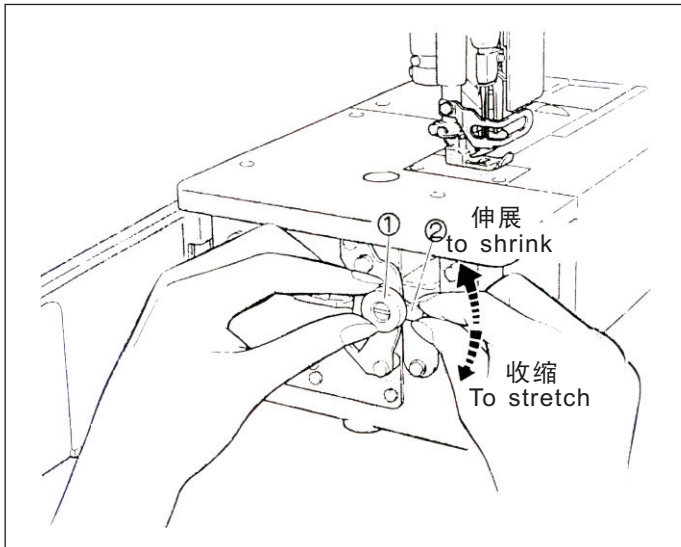
1) 压脚压力的调节是松开螺帽①和旋转螺丝②来进行的。在能取得平稳针脚的范围內，尽量调的松一些为好。

EN

1) Loosen adjusting nut ① and turn adjusting screw ② to adjust the presser foot pressure.

It should be as light as possible, yet be sufficient to obtain the proper stitch formation.

7. 差动比的调节 Adjusting the diff feed ratio

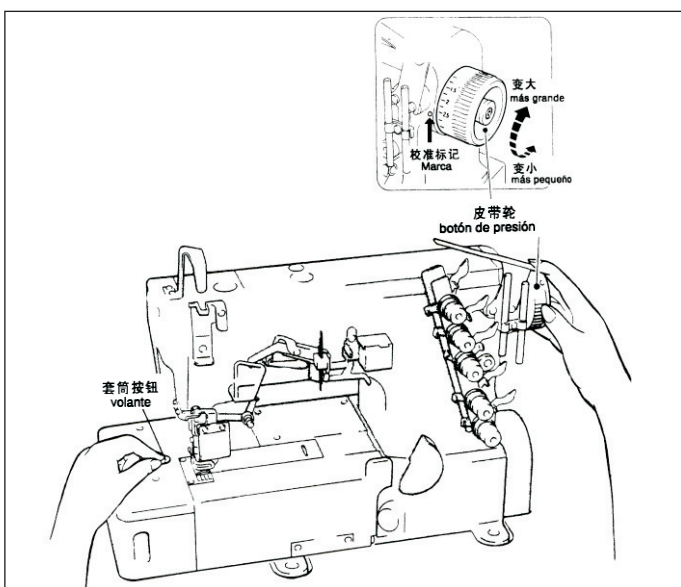


1) 差动比是通过松开螺帽①后，把调节杆②上下移动来进行调节的。调节后请拧紧螺帽①。

EN

1) Loosen the nut ① and move the lever up ② and down to obtain the correct differential feed ratio, then tighten nut ①.

8. 针脚长度的调节 Adjusting the stitch length



1) 摁住套筒按钮，旋转动皮带轮，套筒按钮会陷阱更深处。

2) 这时边摁住套筒按钮，边转动皮带轮，使校准标记对准希望的数值。

注：针脚长度的调节务必请在调节差动比之后进行调节。

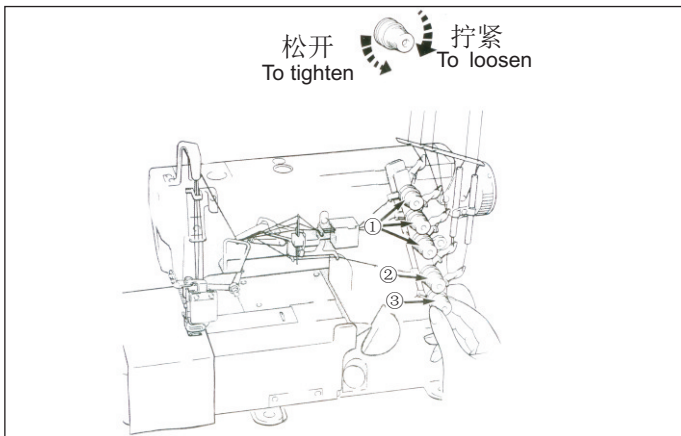
EN

1) while pressing the button, turn the handwheel to seek the position at the push button goes further into the depth.

2) then, keeping the push button pressed, turn the handwheel and set the desired scale to the aligning mark.

Note: Stitch length adjustment must only be made after the differential feed ratio has been changed.

9. 线状态的调节 Adjusting the thread tension

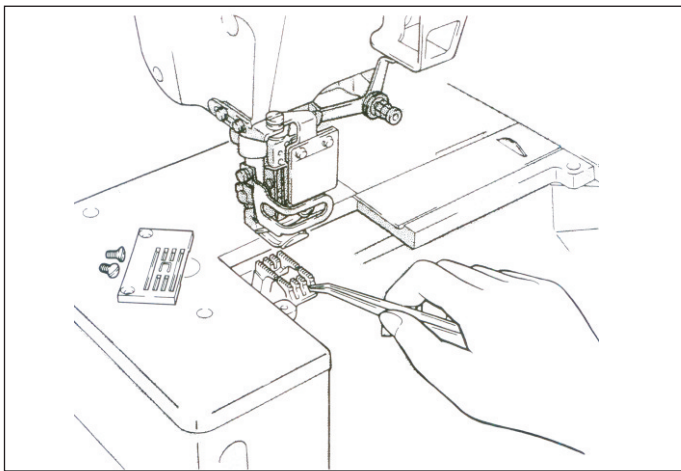


1) 线状态的调节是用针线状态螺帽①，上装饰状态螺帽②，下针状态螺帽③来进行调节。

EN

1) Make tension adjustments with the needle thread knob ①, the top cover thread knob ②, and the lower looper knob ③.

10. 缝纫机的清扫 Cleaning the machine

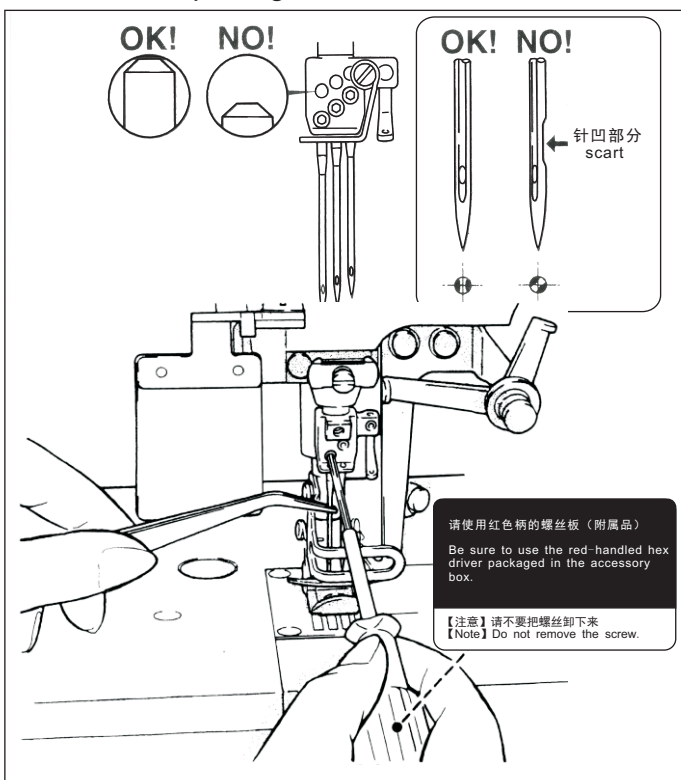


1) 缝纫机的清扫，以针板槽及送布牙周围为主。

EN

1) mainly the slots of the needle plate and the feed rows should be cleaned.

11. 换针 Replacing the needle



1) 准确辨认针的前后，请将针凹向着后方，即背向操作者进行安装。

2) 针要牢固的插到孔的最深处。

3) 标准使用的缝纫针，请参照卷中附有的“调整标准表”。

EN

1) Check the needle carefully to see that the scarf is turned to the rear of the machine.

2) Insert the needle to the proper depth, and fasten securely.

3) Be sure to use standard needle.

Refer to DJUSTMENT DIMENSIONS on the end of instructions.

12. 检查机油的循环 Checking the oil circulation

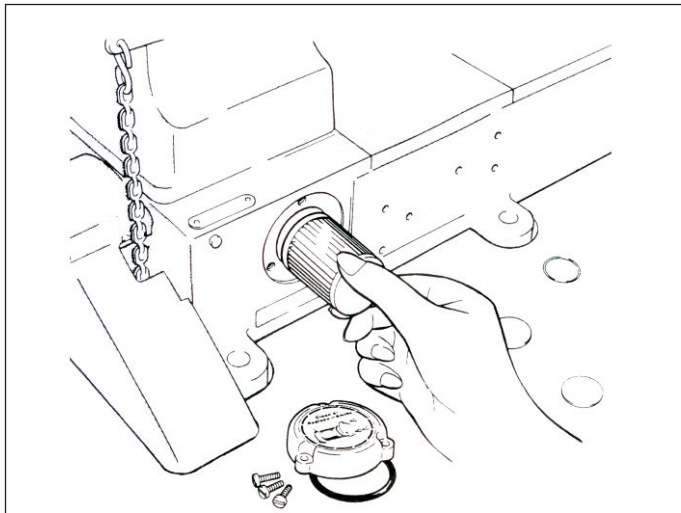


1) 检查机油的循环状况, 请在加好油后, 通过油窗检查机油的循环状况是否良好。

EN

1) Check the status of oil cycle, after adding the oil, please check the status of oil recycle through oil window.

13. 油过滤器的清洁与更换 Checking and replace the oil filter

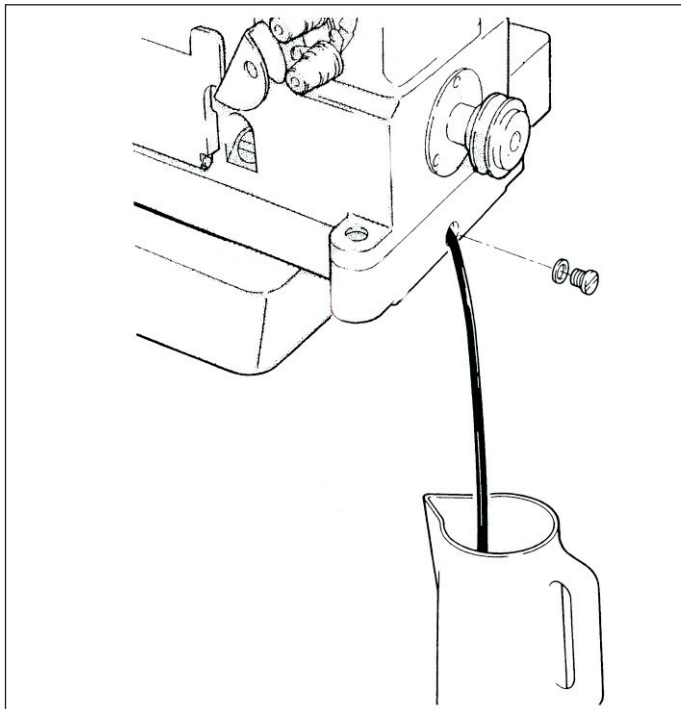


1) 机油过滤器, 请每隔6个月来清洁或更换一次。
注: 缝纫机附带有UT装置时, 请拆下螺线管托架。

EN

1) Check and replace the oil filter every six months.
NOTE: On machines fit with a UT device, remove the solenoid bracket.

14. 换机油 Replacing the oil



1) 机油的更换, 请在使用开始1个月以后更换一次, 然后, 每隔6个月更换一次。

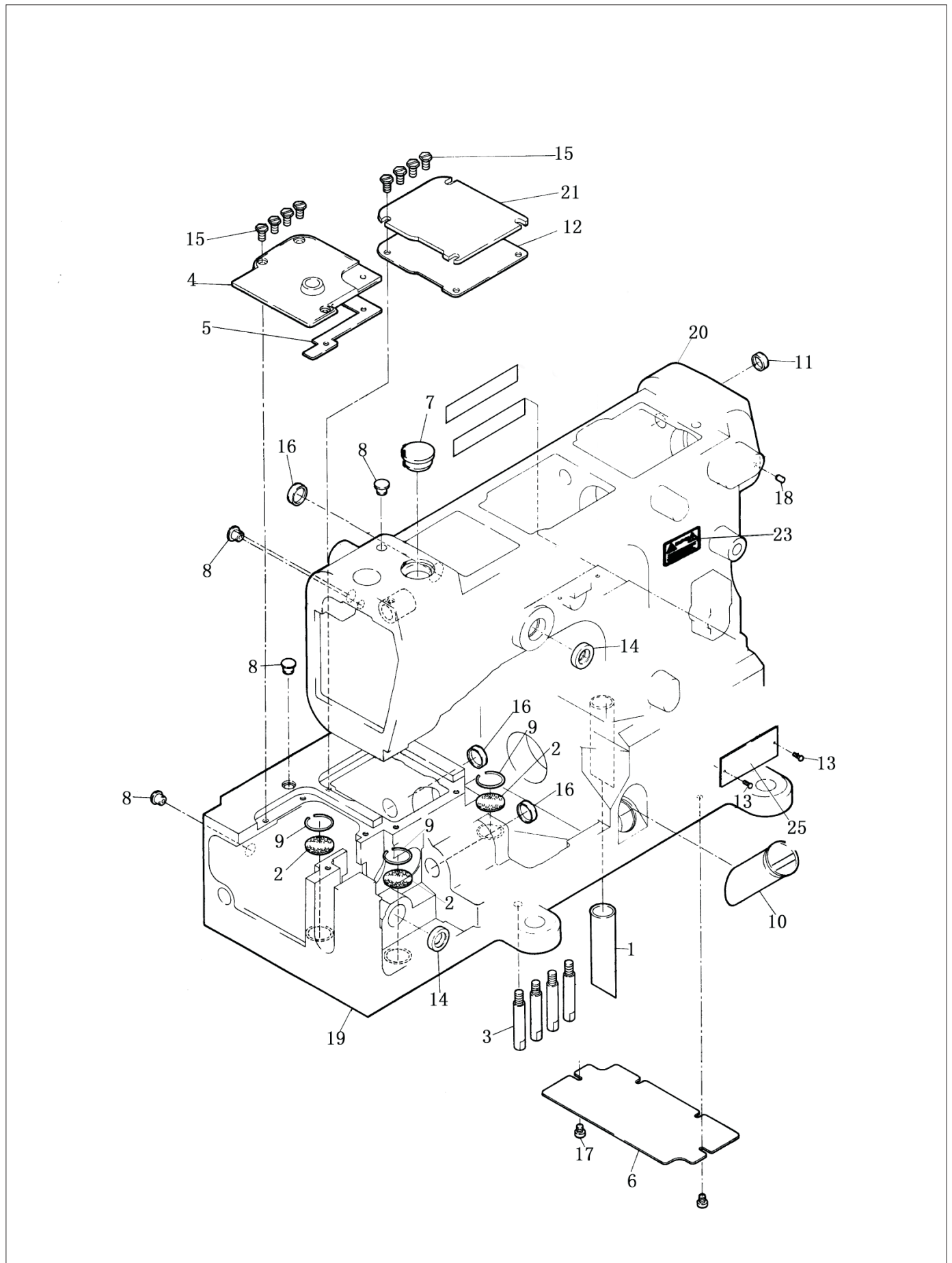
EN

1) After using the machine for a month, please replace the oil, then replace the oil for each 6 months. if you continue to use the old oil, the sewing machine may malfunction.

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1. 机壳部件(1) FRAME COMPONENTS(1)

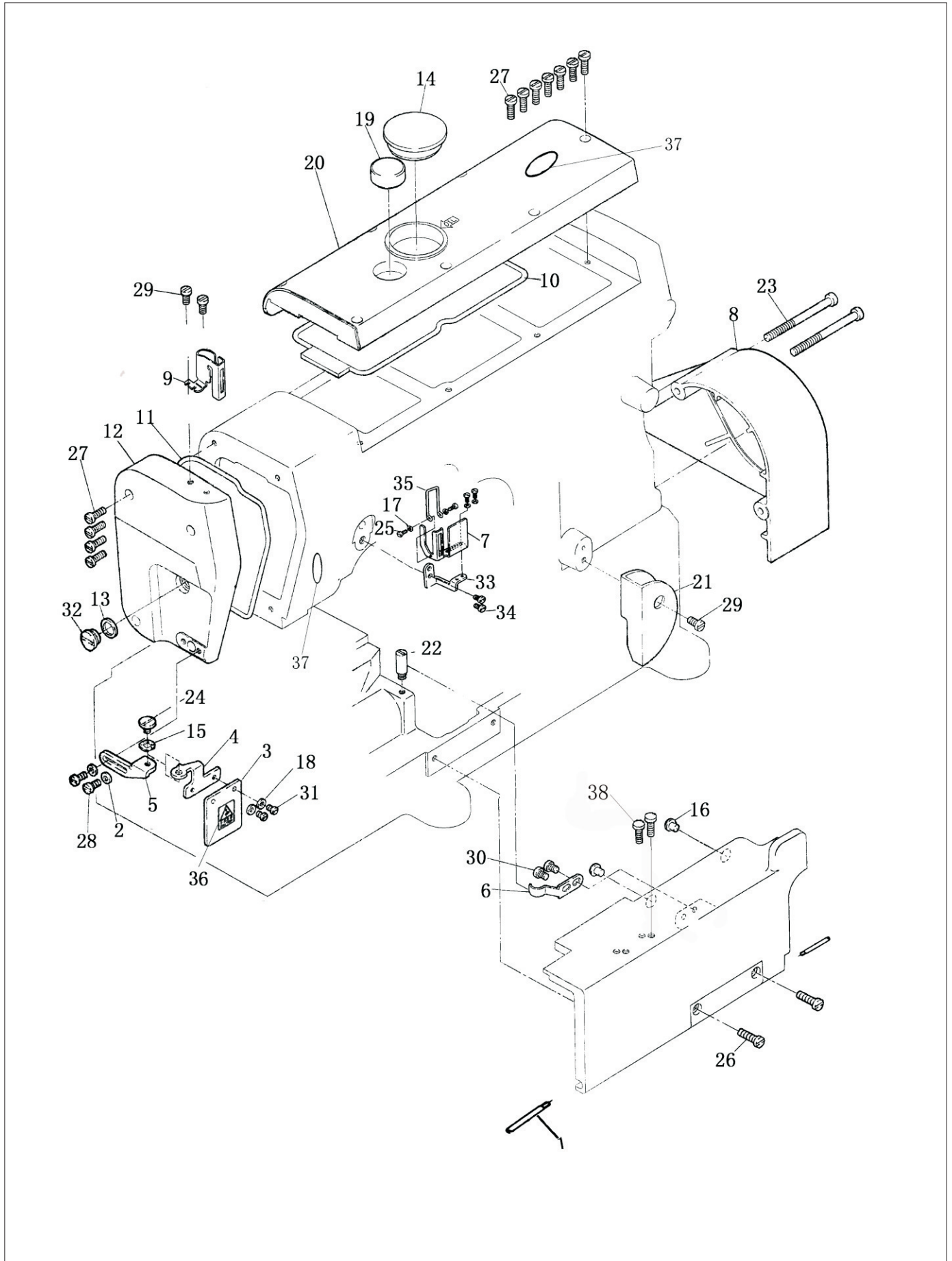


1. 机壳部件(1) FRAME COMPONENTS(1)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301-01-01	机壳竖回油管	Machine Frame Oil Stand Pipe	1
2		301-01-02	过滤网20目	Filter Halfone	3
3		301-01-03	机座螺钉	Machine Mounting Screw	4
4		301-01-04	针距按钮盖	Push Button Cover (needle)	1
5		301-01-05	针距按钮盖防油垫	Oil Protecting Gasket	1
6		301-01-06	底罩板	Bed Hood Plate	1
7		301-01-07	闷头	Plug Stud	1
8		301-01-08	闷头	Plug Stud	4
9		28-16816200-08	挡圈内孔	Thread Take-up Lever Guard	3
10		301-01-10	油量指示窗	Oil Indication Window	1
11		301-01-11	闷头	Plug Stud	1
12		301-01-12	弯针传动盖油垫	Oil Gasket	1
13		101-01-14	铆钉 $\phi 2 \times 4$	Rivet $\phi 2 \times 3$	6
14		32-09440190-09	挑线轴骨架密封圈	Framework Airproof Ring	2
15		12-90400820-01	针距按钮盖螺钉	Push Button Cap Screw	8
16		301-01-14-2	防油圈	Oil Shield Coil Protecting Ring	3
17		12-40400525-01	螺钉	Screw	2
18		301-01-23	指示销	Direction Of Pin	1
19		301-01-27	机座	Machine Seat	1
20		301-01-28	机壳	Arm	1
21	#01	301-01-29	弯针传动仓板	Looper Driver Plate	1
22		44-00000003-41	机针标签 (UYX128GAS 11#)		1
23		44-00000001-00	注意牌	Plate With Notice	1
24		31-15026500-09	O型圈	O-ringn	1
25		301-01-33	型号牌	Plate With Model	1
26		41-20502500-00	拼装开口销 $\phi 5 \times 25$	Pin $\phi 5 \times 25$	2
27		12-61003022-01	拼装螺钉	Screw	4

Note:
#01...For -7不用

2. 机壳部件(2) FRAME COMPONENTS(2)



2. 机壳部件(2) FRAME COMPONENTS(2)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301-02-01	穿线罩销轴	Threading Cover Pin	1
2	#02	21-04308090-02	垫圈	Washer	2
3	#02	301-02-03	防护罩	Shield	1
4	#02	301-02-04	防护罩支架	Shield Bracket	1
5	#02	301-02-05	防护罩座	Shield Seat	1
6		301-02-06	穿线罩弹簧	Threading Cover Spring	1
7	#03	340-02-07	挑线防护罩	Threading Cover Spring	1
8		301-02-08	皮带罩	Belt Guard	1
9	#04	340-02-09	上挑线座罩	Thread Take-up Lever Guard	1
10		301-02-10	上盖密封垫	Upper Cover Gasket	1
11		301-02-11	面板密封垫	Face Cover Gasket	1
12		301-02-12	面板	Face Cover	1
13		301-02-14	面板密封圈	Face Cover Seal Ring	1
14		301-02-15	上盖闷头	Upper Cover Plug	1
15	#02	23-06405110-09	鞍型垫圈	Wave Washer	1
16		301-02-17	防震塞	Shockproof Plug	2
17	#03	21-04308090-02	垫片	Washer	4
18	#05	21-03208070-02	防护罩垫圈	Shield Washer	2
19		301-02-20	喷油窗	Sight Window	1
20		301-02-21	上盖	Upper Cover	1
21		301-02-22	底线过线导板	Thread Eyelet Guide Plate	1
22		301-03-14	过线连接柱	Thread Handler Link	1
23		12-60506020-01	皮带罩螺钉一字槽	Belt Guard Screw	2
24	#02	301-02-25	防护罩铰链螺钉	Shield Hinge Screw	1
25	#03	12-40400625-01	螺钉	Screw	4
26		12-40401625-01	穿线罩铰链螺钉	Threading Cover Hinge Screw	2
27		12-40401225-01	上盖螺钉	Upper Cover Screw	11
28	#02	12-40400825-01	上挑线座罩螺钉	Silicone Oil Thread Stand Screw	2
29		12-40400825-01	上挑线罩螺钉	Screw	3
30		12-40400625-01	穿线罩弹簧螺钉	Threading Cover Spring Screw	2
31		12-40300625-01	防护罩螺钉	Shield Screw	2
32		301-02-33	面板螺钉	Face Cover Screw	1
33	#06	340-02-34	护板支架	Shield Bracket	1
34	#06	12-40601025-01	螺钉	Screw	2
35	#06	340-02-36	挑线防护罩钢丝	Steel Wire	1
36	#01	44-00000006-00	注意牌 (安全)	Plate With Notice	1
37		44-00000004-00	注意牌	Plate With Notice	1
38	#07	12-40501125-01	螺钉	Screw	2

Note:

#01...For -7不用

#02...For -5、-4、-7不用

#03...For -5不用

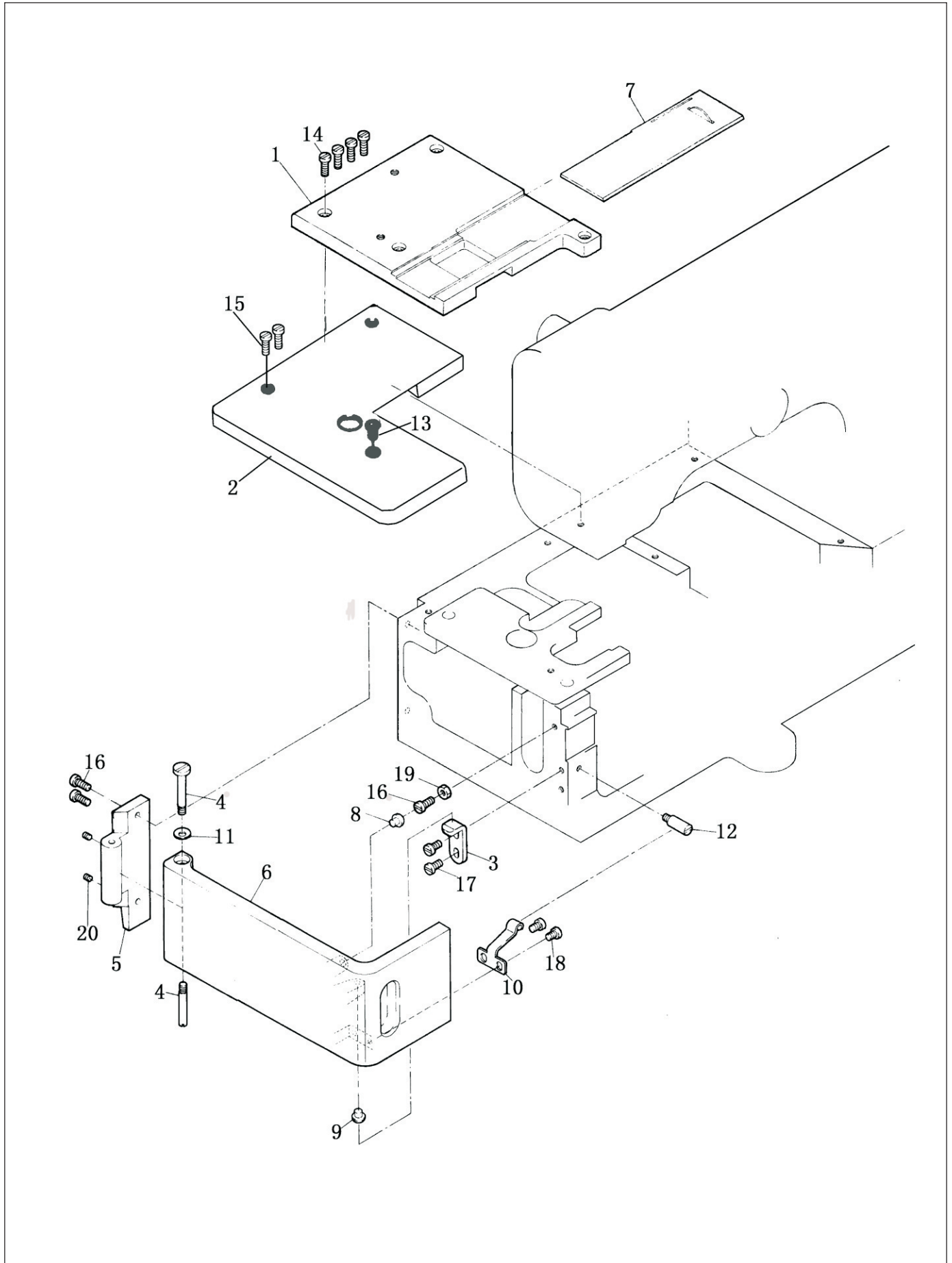
#04...For -02HY不用

#05...For -5、-4不用

#06...For -5、-02HY、-7不用

#07...For -1专用

3. 机壳部件(3) FRAME COMPONENTS(3)



3. 机壳部件(3) FRAME COMPONENTS(3)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301-03-01	缝台上罩	Sewing Plate Uper Cover	1
2	#09	301-03-03	缝台前板	Sewing Plate Front Cover	1
3		301-03-04	防震板	Shockproof Board	1
4		301-03-06	铰链连接上螺钉	Hinge Link Screw	2
5		301-03-07	前罩铰链板	Hinge Board	1
6	#10	301-03-08	前罩	Frontal Mantle	1
7	#01	301-03-09	推板	Slide Plate	1
		338-03-09	推板	Slide Plate	1
8		301-02-17	防震塞	Shockproof Plug	1
9		301-02-17	防震塞	Shockproof Plug	1
10		301-03-12	前罩板弹簧	Frontal Mantle Spring	1
11		22-05000000-08	弹簧垫圈	Spring Washer	1
12		301-03-14	前罩板定位螺钉	Frontal Mantle Screw	1
13	#01	12-10400820-01	缝台前板沉头螺钉	Sewing Plate Front Cover Screw	1
14	#01	12-40401225-01	罩板螺钉	Mantle Plate Screw	4
15		12-40401225-01	缝台前板螺钉	Sewing Plate Front Cover Screw	2
16		12-40401025-01	铰链螺钉	Hinge Screw	3
17		12-40400825-01	防震板螺钉	Shockproof Board Screw	2
18		12-40400625-01	前罩螺钉	Frontal Mantle Screw	2
19		14-60403020-01	螺帽	Nut	1
20		12-80300412-01	铰链上头螺钉	Hinge Upper Screw	2

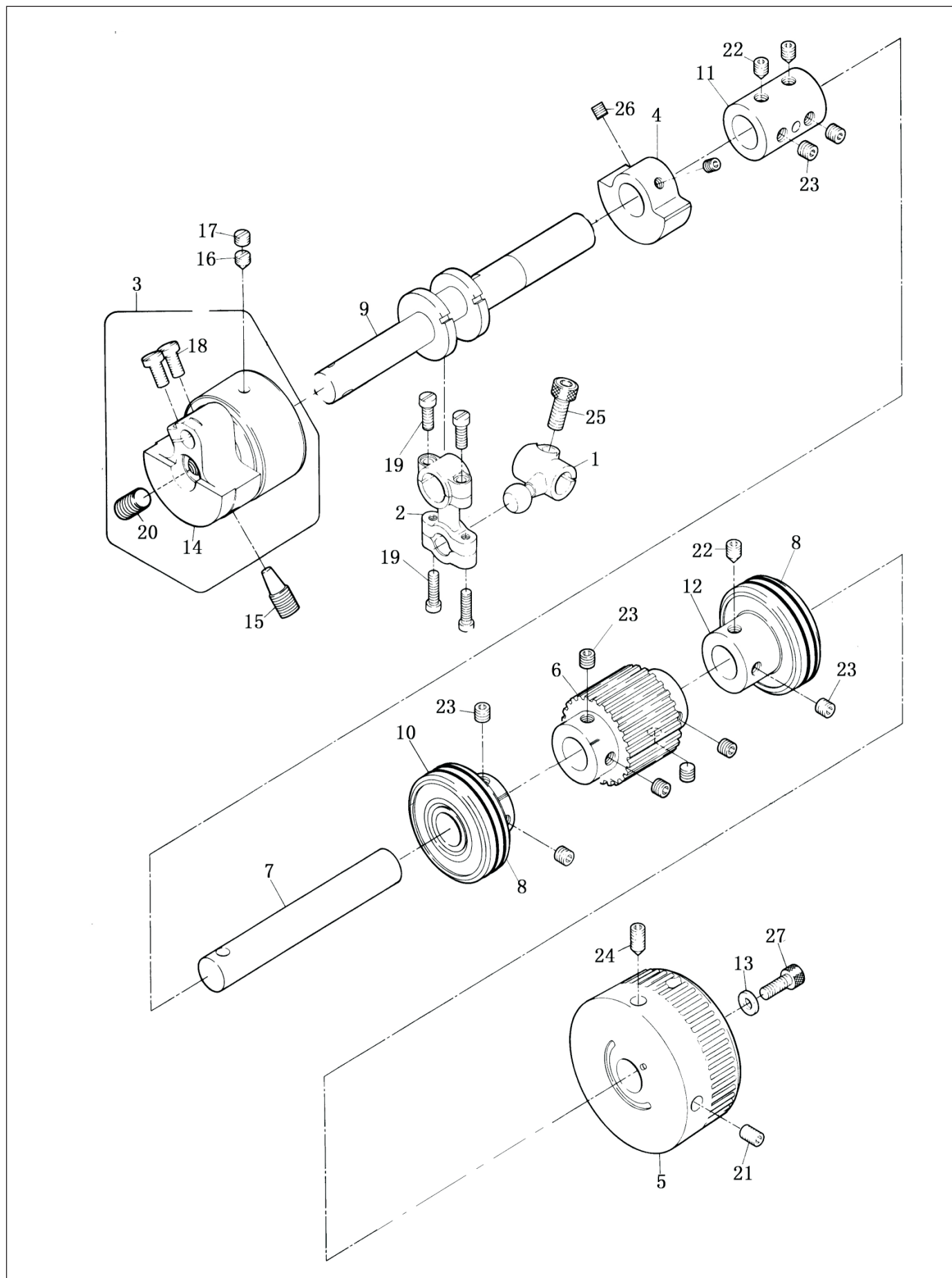
Note:
#01...For -7不用
#09...For -5、-7不用
#10...For -5不用

4. 下轴部件 LOWER SHAFT COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.04-01	弯针连杆组件(镀铜)	Looper Lever Complete	1
2		301.04-02	弯针球曲柄	Looper Ball Crank	1
3		301.04-03	油泵蜗杆	Oil Pump Worm	1
4		301.04-04	弯针连杆	Looper Lever Complete	-1
5		301.04-05	下轴油量调节芯针	Oil Flow Regulating Needle	1
6		301.04-06	从动轮	Traction Wheel	1
7		301.04-17	压紧环	Impacted Loop	1
8		301.04-08	下轴后节轴	Lower Shaft Backside	1
9		301.04-09	联轴器	Link Bearing	1
10	#12	301.04-10	下轴前节	Lower Shaft Forepart	1
11	#12	301.04-11-00	下轴后衬套组件		1
		301.04-11	下轴后衬套	Lower Bearing Fittings Asm.	-1
		134.03-19	轴承 6304ZZNR	Lower Bearing Fittings Bearing	-1
		26-49010570-09	弹簧挡圈	Sprign Thrust Ring	-1
13		301.04-13	主动时规轮组件	Driving Wheel	1
14	#10	301.04-14	弯针连杆螺钉	Screw	-4
15		301.04-15	下轴中衬套组件	Lower Shaft Centre Bushing Asm.	1
		301.19-09	下轴中衬套轴承(6004)	Lower Shaft Centre Bushing Bearing	1
16		31-34518000-09	O型圈	O-ring	2
17		21-05220251-02	从动轮垫圈	Traction Wheel Washer	1
18		31-14818000-09	O型圈	O-ring	1
19		301.04-19	销子	Pin	-1
20		301.04-20	皮带 220×L075B	Belt 220×L075B	1
21	#10	22-05000000-08	开口垫圈	Snap Rign	1
22	#10	301.04-22	叉口	Fork	1
23	#13	12-10400820-01	压紧环螺钉	Impacted Loop Screw	2
24		31-32014000-09	O型圈	O-ring	2
25		12-80601042-01	从动轮定位螺钉	Traction Wheel Screw	1
26		12-85600842-01	联轴器定位螺钉锥端	Link Bearing Screw	2
27		12-85600512-01	螺钉	Screw	12
28	#10	12-80300442-01	球曲柄螺钉	Ball Crank Screw	1
29		12-80601012-01	从动轮定位螺钉	Traction Wheel Screw	1
30	#10	12-65601422-01	球曲柄螺钉	Ball Crank Screw	1
31	#13	12-80500512-01	前套螺钉	Front Bushing Screw	2
32		12-60501022-01	螺钉	Screw	1
33		301.04-35	下轴前套	Lower Shaft Front Bushing	1
34	#10	11-90110820-01	叉口螺钉	Fork Screw	1
35	#13	12-40300625-01	螺钉	Screw	2
36	#13	311.04-16-01	平衡块	Needle Driving Front Bearing	1
37	#13	311.04-16	下轴前衬套组件	Lower Shaft Front Bushing Asm.	1
	#13	301.19-09	下轴前衬套轴承	Lower Shaft Front Bushing Bearing	1
38		301.19-01-2	油泵蜗杆轴承(6204)	Oil Pump Worm Bearing	1

Note:
#10...For -5不用
#12...For -21不用
#13...For -5专用

5. 上轴部件 UPPER SHAFT COMPONENTS

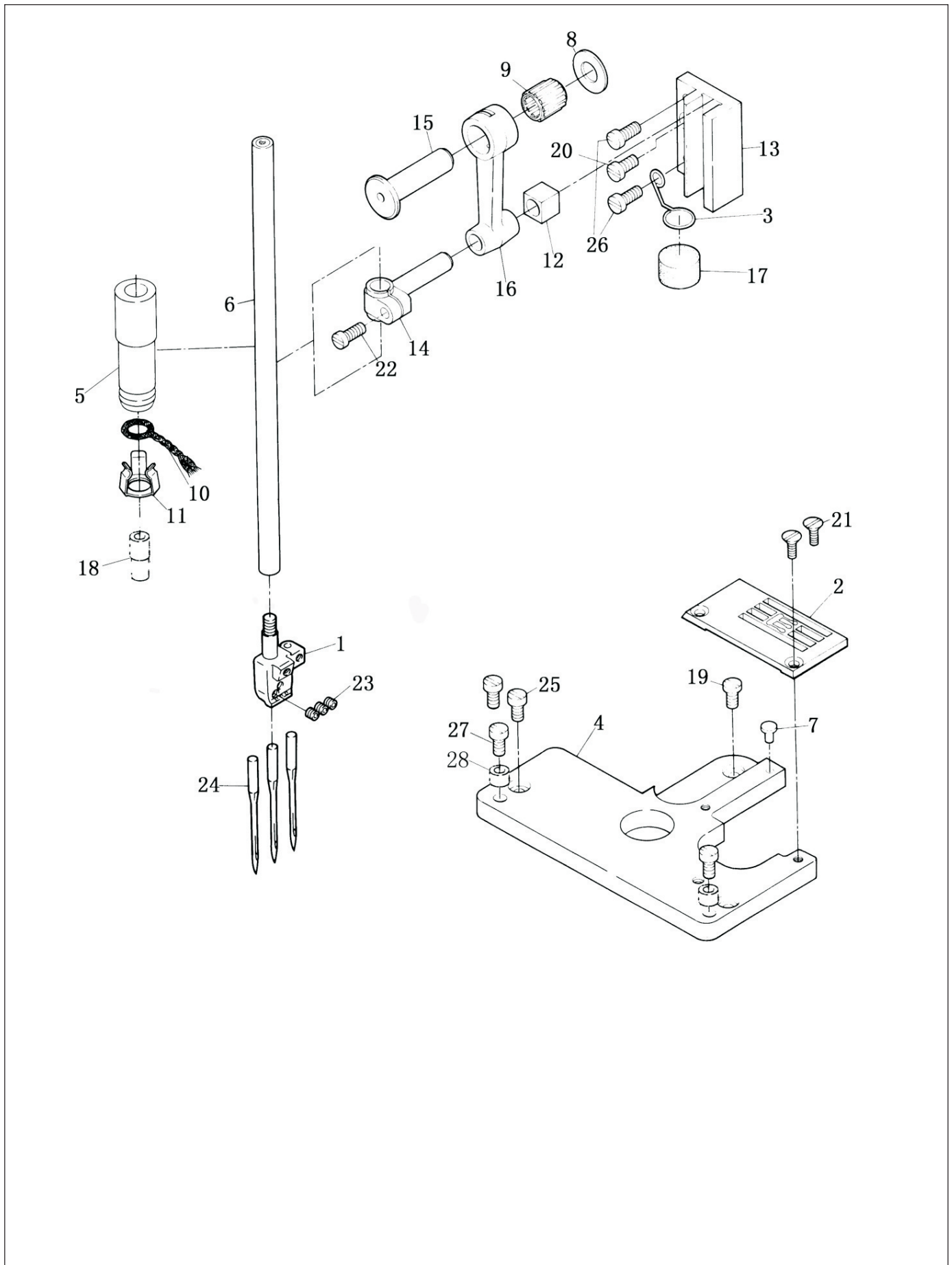


5. 上轴部件 UPPER SHAFT COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301-05-01	上挑线球曲柄	Upper Tace-up Thread Ball Crank	1
2		301-05-02	上挑线连杆	Upper Tace-up Thread Link Lever	1
3		301-05-03	针杆曲柄组件	Needle Bar Crank Asm.	1
		301-19-02	6203ZZ轴承	Bearing	2
4		301-05-04	平衡块(上)	Upper Balance Block	1
5	#10	301-05-05	上轮	Belt Wheel	1
6		301-05-06	从动时轮规	Follower Wheel	1
7	#10	301-05-07	上轴后节	Main Shaft Backside	1
8		31-34518000-09	O型圈	O-ring	4
9		301-05-09	上轴前节	Main Shaft Forepart	1
10	#10	301-05-10	上轴前衬套	Main Shaft Front Bushing	1
		301-19-01-2	上轴前衬套轴承(6204)	Bearing	1
11		301-04-09	联轴器	Link Bearing	1
12		301-05-12	后衬套组件	Main Shaft Back Bushing Asm.	1
		301-19-01-2	后衬套轴承(6204)	Bearing	1
13		21-05310100-02	上轮垫圈	Belt Wheel Washer	1
14	#12	301-05-14	针杆曲柄	Needle Bar Crank	1
15		12-85802032-01	定位螺钉长锥端紧定螺钉	Position Screw	1
16		12-85600630-01	定位螺钉	Screw	1
17		12-85600410-01	止夹螺钉	Screw	1
18		12-40501025-01	螺钉	Screw	2
19		12-40401225-01	连杆螺钉	Link Lever Screw	(4)
20		12-85801512-01	螺钉	Screw	1
21		12-80601042-01	上轮止夹螺钉	Belt Wheel Screw	1
22		12-85600842-01	后套定位螺钉尖端	Back Bushing Position Screw	3
23		12-85600512-01	螺钉	Screw	9
24		12-80601012-01	定位螺钉	Position Screw	1
25		12-65601422-01	球曲柄螺钉	Ball Crank Screw	1
26		12-80500512-01	平衡块螺钉	Balance Block Screw	2
27		12-60501622-01	上轮螺钉	Belt Wheel Screw	1

Note:
#10...For -5不用
#12...For -21不用

6. 针杆部件 NEEDLE BAR COMPONENTS

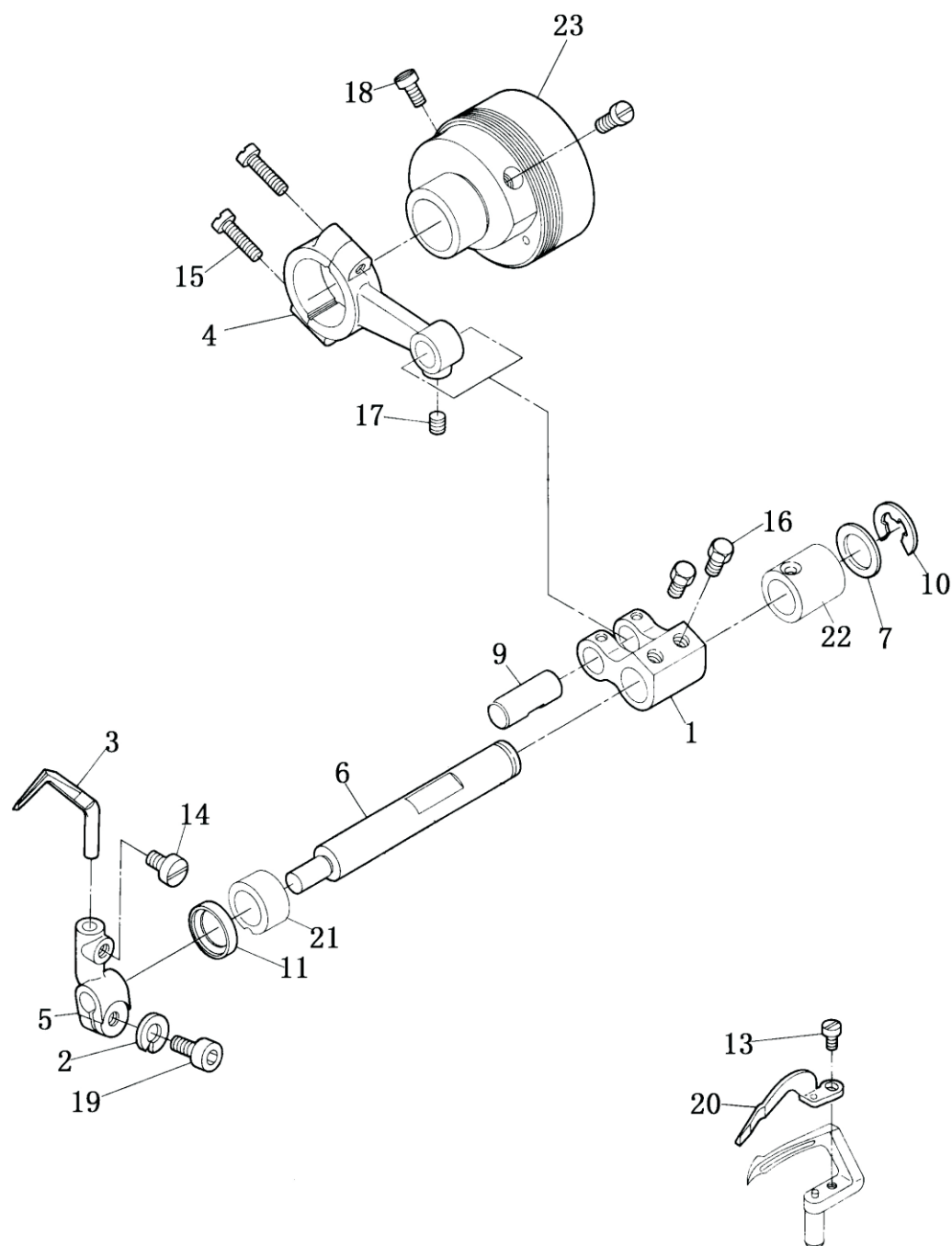


6. 针杆部件 NEEDLE BAR COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1	#14	301-06-01	针夹	Needle Holder	1
	#16	312-06-01	针夹	Needle Holder	1
2	#15	301-06-02	针板	Needle Plate	1
	#16	312-06-02	针板	Needle Plate	1
3		301-06-03	油毡定位圈	Oil Felt Position Loop	1
4		301-06-04	针板接板	Needle Plate Link Plate	1
5		301-06-05	针杆上套	Needle Bar Upper Bushing	1
6		301-06-06	针杆	Needle Bar	1
7		301-06-07	防震塞	Shockproof Plug	1
8	#12	21-08210162-03	针杆连杆垫圈	Needl Bar Link Lever Washer	1
9		301-06-09	滚针轴承 $\phi 8 \times \phi 12 \times 12$	Needle Bearing $\phi 8 \times \phi 12 \times 12$	1
10		43-10250000-00	油线	Oil Wick	0.08
11		301-06-11	油线夹	Oil Wick Holder	1
12		301-06-12	针杆滑块	Needl Bar Slide Block	1
13		301-06-13	针杆滑块座	Needle Bar Slide Block Seating	1
14		301-06-14	针杆接头	Needle Bar Connecting Pole	1
15	#12	301-06-15	针杆连接销	Needle Bar Connecting Pin	1
16		301-06-16	针杆连杆	Needle Bar Link Lever	1
17		301-06-17	油毡	Oil Felt	1
18	#12	301-06-18	针杆下套	Needle Bar Lower Bushing	1
19		12-70400820-01	针板螺钉	Needle Plate Screw	1
20		12-40401025-01	螺钉	Screw	1
21		11-20090720-02	针板螺钉开槽半沉头	Needle Plate Screw	2
22		11-60111020-01	针杆接头螺钉	Needle Bar Connecting Screw	1
23		12-80300312-01	针夹螺钉	Needle Holder Screw	3
24	#12	301-06-24	机针	Needl	3
25		12-40400825-01	螺钉	Screw	2
26		12-40401225-01	螺钉	Screw	2
27		12-40400825-01	针板接板定位螺钉	Needle Plate Link Plate Pin	2
28		301-06-04-01	垫片	Washer	2

Note:
 #12...For -21不用
 #14...For -4、-6专用
 #15...For -2、-5、-4、-3不用
 #16...For -6专用

7. 护针部件 NEEDLE GUARD COMPONENTS

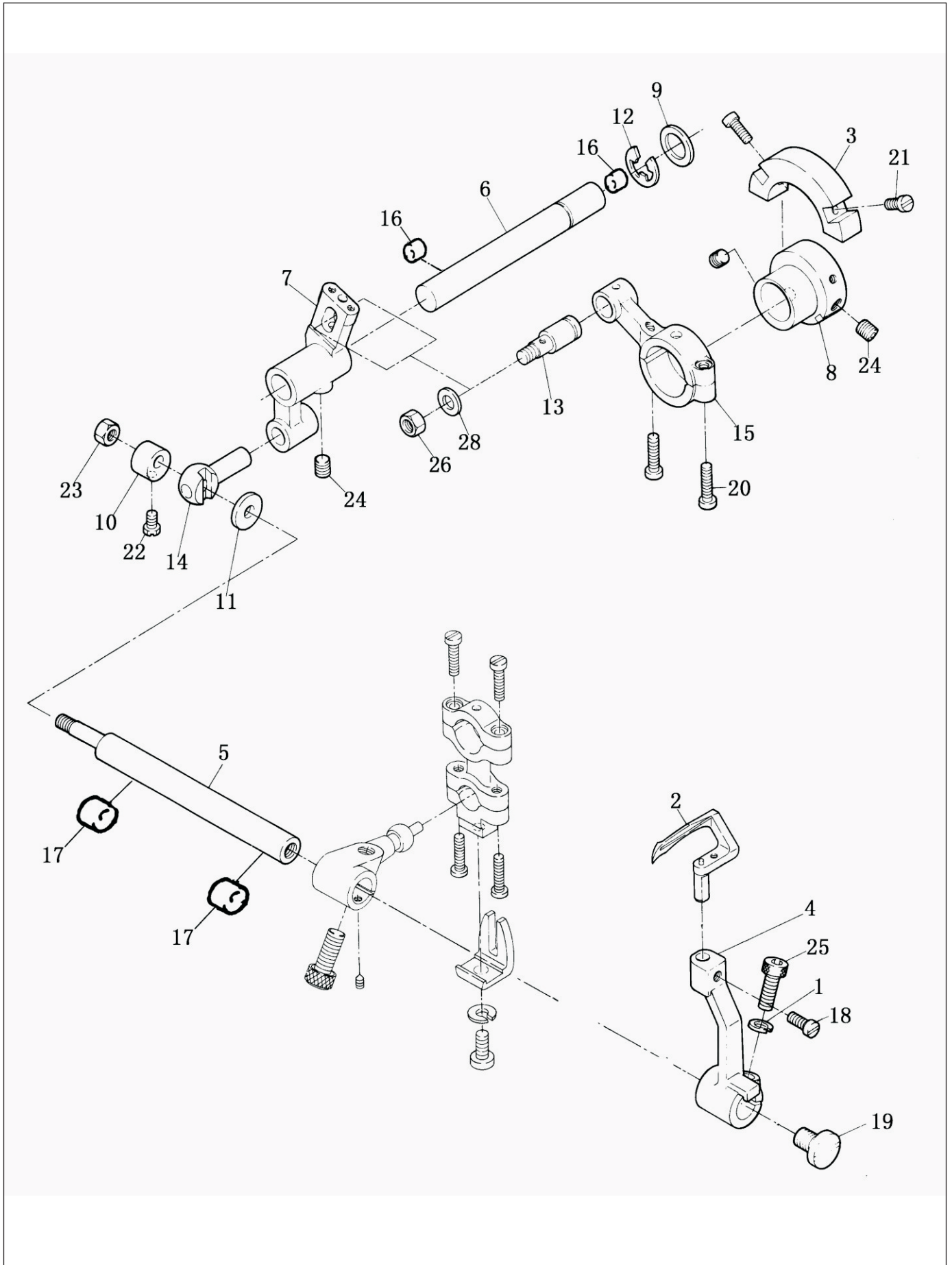


7. 护针部件 NEEDLE GUARD COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1	#12	301-07-01	保针曲柄	Needle Guard Crank	1
2	#12	22-05000000-08	垫圈	Washer	1
3	#05	301-07-03	后保针	Rear Needle Guard	1
4	#12	301-07-04	保针连杆	Needle Guard Connecting Rod	1
5	#17	301-07-05	保针座	Needle Guard Base	1
6	#18	301-07-07	保针轴	Needle Guard Shaft	1
7	#12	21-10212142-01	垫圈	Washer	1
9	#12	301-07-10	保针曲柄销	Needle Guard Crank Pin	1
10	#12	24-07000000-09	开口挡圈	Snap Thrust Ring	1
11	#12	32-09430150-09	骨架防油圈	Framework Oil Shield	1
13	#19	12-40250425-01	保针螺钉	Needl Guard Screw	1
14	#19	12-40400625-01	螺钉	Screw	1
15	#12	11-40111425-01	保针曲柄螺钉	Needle Guard Connecting Rod Screw	(2)
16	#12	11-00110620-01	保针曲柄螺钉	Needle Guard Crank Screw	2
17	#12	12-80400412-01	螺钉	Screw	1
18	#12	12-80500612-01	螺钉	Screw	2
19		12-60501022-01	保针座螺钉	Needle Guard Base Screw	1
20	#05	301-07-21	前保针	Front Needle Guard	1
21	#12	301-07-23	保针轴左套	Needle Guard Shaft Left Bushing	1
22	#12	301-07-24	保针轴右套	Needle Guard Shaft Right Bushing	1
23	#10	301-04-16	下轴前衬套	Lower Shaft Front Bushing Asm.	1
24	#10	301-19-04	下轴前衬套轴承(6004)	Bearing(6004)	(1)
25	#10	31-14818000-09	O形圈	O-ring	(1)
26	#10	31-32014000-09	O形圈	O-ring	2

Note:
 #05...For -5、-4不用
 #10...For -5不用
 #12...For -21不用
 #17...For -5、-4、-21不用
 #18...For -5、-21不用

8. 弯针部件 LOOPER COMPONENTS

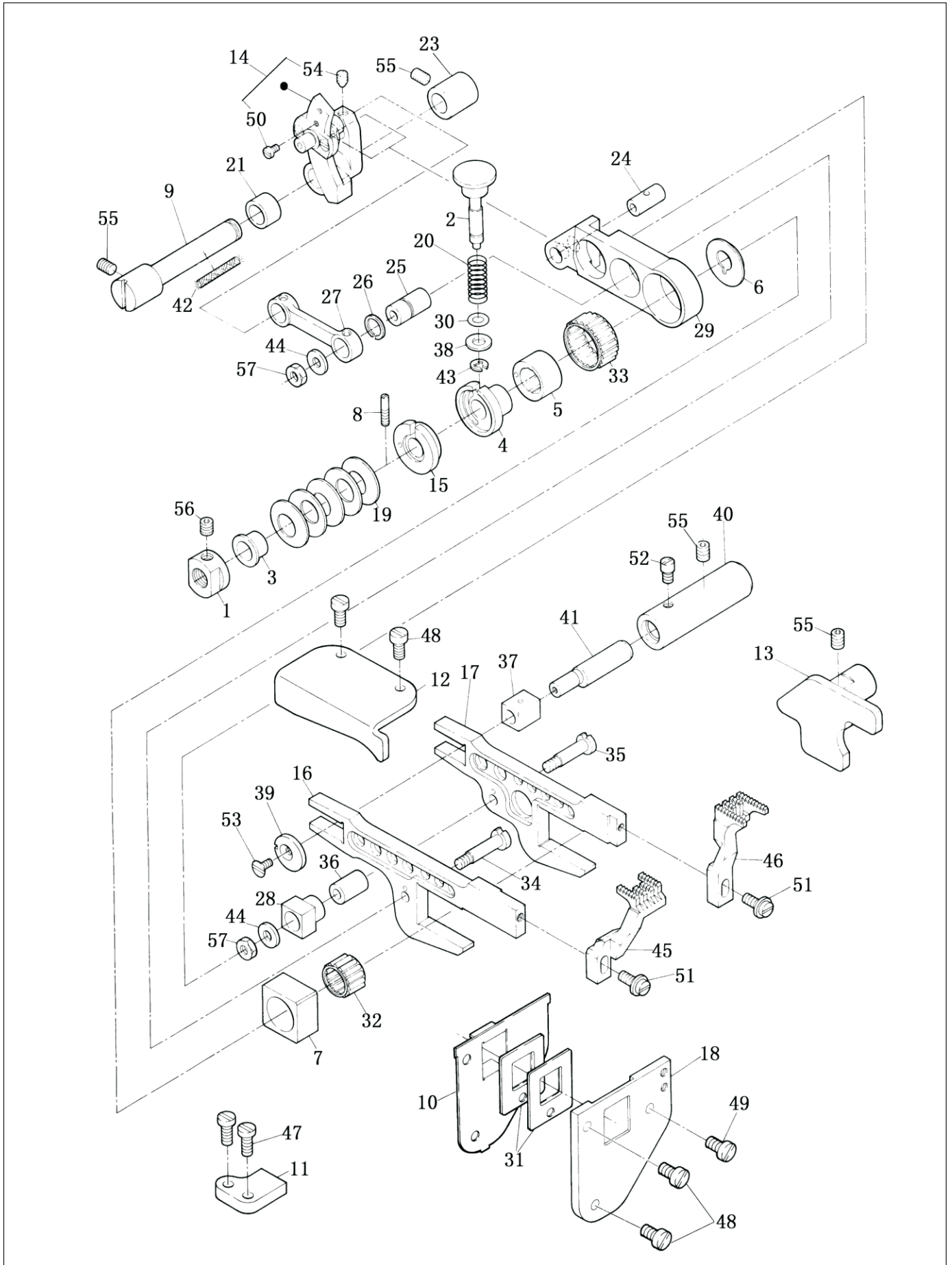


8. 弯针部件 LOOPER COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		22-05000000-08	垫片	Washer	1
2	#12	301.08-02	弯针	Looper	1
3	#10	301.08-03	平衡块(下)	Lower Balance Block	1
4	#20	301.08-04	弯针曲柄	Looper Crank	1
5	#19	301.08-05	弯针轴	Looper Shaft	1
6		301.08-06	弯针调节摆轴	Looper Regulate Driving Shaft	1
7		301.08-07	调节摆杆	Regulator Driving Bar	1
8	#18	301.08-08	偏心凸轮	Eccentricity Cam	1
9		21-10212142-01	垫圈	Washer	1
10		301.08-12	偏心紧圈	Eccentricity Thrust Ring	1
11		21-04615122-02	平垫圈	Washer	1
12		24-07000000-09	开口挡圈	Snap Thrust Ring	1
13		301.08-15	弯针调节柱	Looper Regulator Pole	1
14		301.08-16	接头	Connecting Pole	1
15	#18	301.08-17	弯针连杆组件	Looper Link Lever Asm.	1
16		301.07-24	弯针调节摆轴左/右套	Regulator Driving Shaft Bushing(left,right)	3
17		301.08-20	弯针轴前/后套	Looper Shaft Bushing (frong ,back)	1
18	#19	12-40400825-01	弯针刀槽螺钉	Looper Groove Screw	1
19	#19	12-75601020-01	弯针螺钉	Looper Screw	1
20	#18	11-40091425-01	连杆螺钉	Link Lever Screw	(2)
21	#10	12-40300625-01	平衡块螺钉	Balance Block Screw	2
22		11-90110820-01	紧圈螺钉	Thrust Ring Screw	1
23		14-60403020-01	螺帽	Nut	1
24		12-80500612-01	凸轮螺钉	Cam Screw	3
25		12-60501622-01	弯针曲柄螺钉	Looper Crank Screw	1
26		14-60504020-01	螺帽	Nut	1
28		21-05212121-03	垫圈	Washer	1

Note:
#10...For -5不用
#18...For -5、-21不用
#19...For -4不用
#20...For -4、-21不用

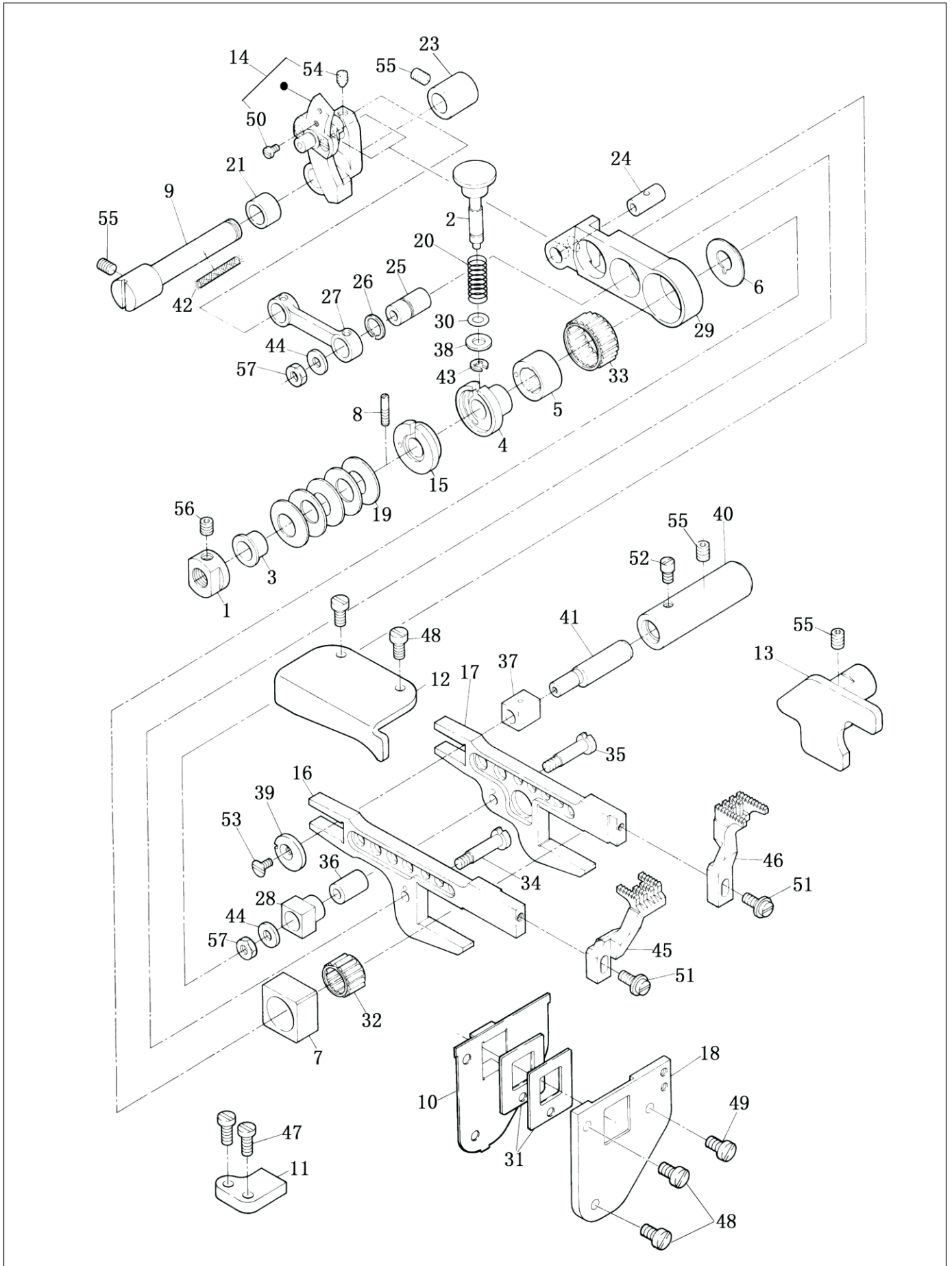
9. 送布部件 MAIN FEED MECHANISM COMPONENTS



9. 送布部件 MAIN FEED MECHANISM COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.09-01	凸轮螺母	Cam Nut	1
2		301.09-02	针距按钮	Needle Distance Button	1
3		301.09-03	台阶套	Ladder Bushing	1
4		301.09-04	送布调节凸轮	Feed Dog Regulator Cam	1
5		301.09-05	凸轮	Cam	1
6		301.09-06	送布连杆垫圈	Feed Dog Link Lever Washer	1
7		301.09-07	牙架前滑块	Feed Rack Front Slide Block	1
8		301.09-08	销螺钉	Pin Screw	1
9		301.09-09	差动器轴	Differential Feed Shaft	1
10		301.09-10	垫板	Washer	1
11		301.09-11	左限位板	Left Stopper Plate	1
12		301.09-12	牙架上限位板	Feed Rack Upper Stopper Plate	1
13	#12	343.09-38	牙架右限位板	Feed Rack Right Stopper Plate	1
14		301.09-14	差动器组件	Differential Feed Assembly.	1
		301.09-14-01	差动器组件1	Differential Feed Assembly.	(1)
		301.09-14-02	差动器组件2	Differential Feed Assembly.	(1)
		301.09-14-03	差动器曲柄	Differential Feed Crank	(1)
		12-10300620-01	螺钉	Screw	(2)
15		301.09-15	针距调节套	Needle Distance Regulator Bushing	1
		301.09-16-00	牙架组件		1
16		301.09-16	差动牙架	Differentialfeed Rack	1
17		301.09-17	送布牙架	Feed Dog Rack	1
18	#10	301.09-18	弯针盖	Looper Cover	1
19		23-10310200-09	蝶形弹簧圈	Wave Washer	5
20		301.09-20	针距按钮簧	Needle Distance Button Spring	1
21		301.09-21	差动器隔套	Differential Feed Spacer	1
23		301.09-23	差动器轴套	Differential Feed Bushing	1
24		301.09-24	送布连杆销	Feed Dog Link Lever Pin	1
25		301.09-25	送布连杆销	Feed Dog Link Lever Pin	1
26		26-06810100-09	开口挡圈	Snap Ring	1
27		301.09-27	差动送布连杆	Differential Feed Link Lever	1
28		301.09-28	送布滑块	Feed Dog Slide Block	1
29		301.09-29	送布连杆	Feed Dog Link Lever	1
30		31-04020000-09	O型圈	O-ring	1
31		301.09-31	胶垫片	Rubber Washer	2
32		279.05-27	抬牙滑块轴承	Needle Bearing $\Phi 12 \times \Phi 15 \times 10$	1
33		301.09-33	滚针轴承 $\Phi 17 \times \Phi 21 \times 10$	Needle Bearing $\Phi 17 \times \Phi 21 \times 10$	1
34		301.09-34	连接螺钉	Connection Screw	1
35		301.09-35	送布滑块连接螺钉	Connection Screw	1
36		301.09-36	送布滑块套	Feed Dog Slide Block Bushing	1
37		301.09-37	牙架后滑块	Feed Dog Rack Back Slide Block	1
38		21-05310100-02	垫圈	Washer	1
39		301.09-39	垫圈	Washer	1
40		301.09-40	偏心轴套	Eccentric Bushing	1
41		301.09-41	牙架偏心轴	Eccentric Shaft	1
42		43-10250000-00	油线	Oil Wick	0.02
43		24-04000000-08	开口挡圈	Snap Ring	1
44		21-04615101-01	垫片	Washer	2
45	#21	301.09-45	差动送布牙	Differential Feed Dog	1
	#22	301.09-45(4.8)	差动送布牙(4.8)	Differential Feed Dog	1
		301.09-45(3.2)	差动送布牙	Differential Feed Dog	

9. 送布部件 MAIN FEED MECHANISM COMPONENTS

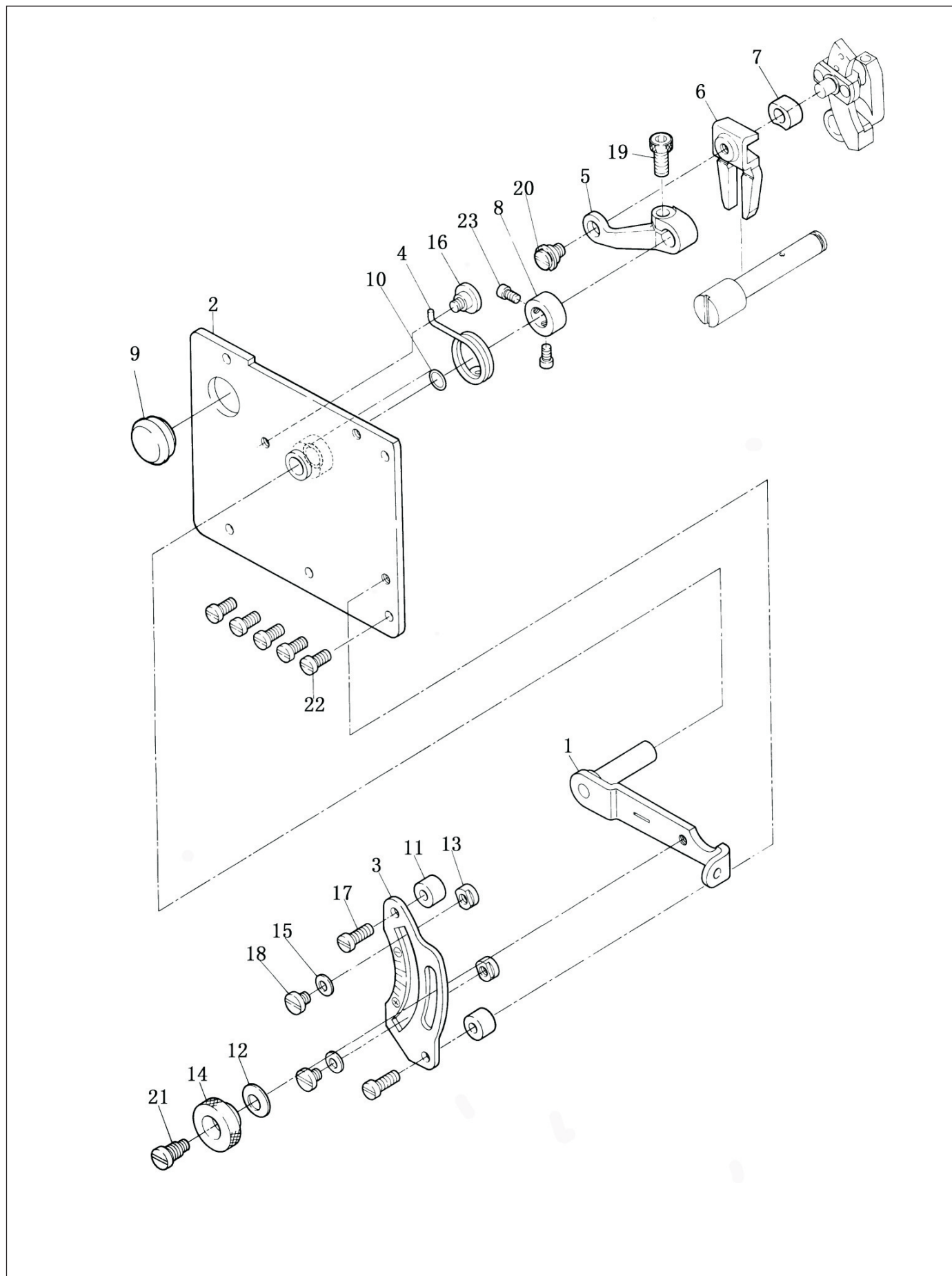


9. 送布部件 MAIN FEED MECHANISM COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
46	#16	312.09-45	差动送布牙	Differential Feed Dog	1
	#21	301.09-46	主动送布牙	Main Feed Dog	1
	#22	301.09-46(4.8)	主动送布牙(4.8)	Main Feed Dog	1
		301.09-46(3.2)	主动送布牙	Main Feed Dog	
47	#16	312.09-46	主动送布牙	Main Feed Dog	1
		12-40401025-01	螺钉	Screw	2
48		12-40400825-01	限位板螺钉	Stopper Plate Screw	4
49		12-70400820-01	螺钉	Screw	1
50		12-40250425-01	差动器螺钉	Differentialfeed Screw	2
51		301.09-51	牙架螺钉	Rack Screw	2
52		11-00110620-01	轴套螺钉	Bushing Screw	1
53		11-10080620-01	螺钉	Screw	1
54		12-80400542-01	螺钉	Screw	1
55		12-80500612-01	螺钉	Screw	4
56		12-80500512-01	螺钉	Screw	1
57		13-60114020-01	螺母	Nut	2

Note:
 #10...For -5不用
 #12...For -21不用
 #16...For -6专用
 #21...For -1、-21、-7专用
 #22...For -1、-7专用

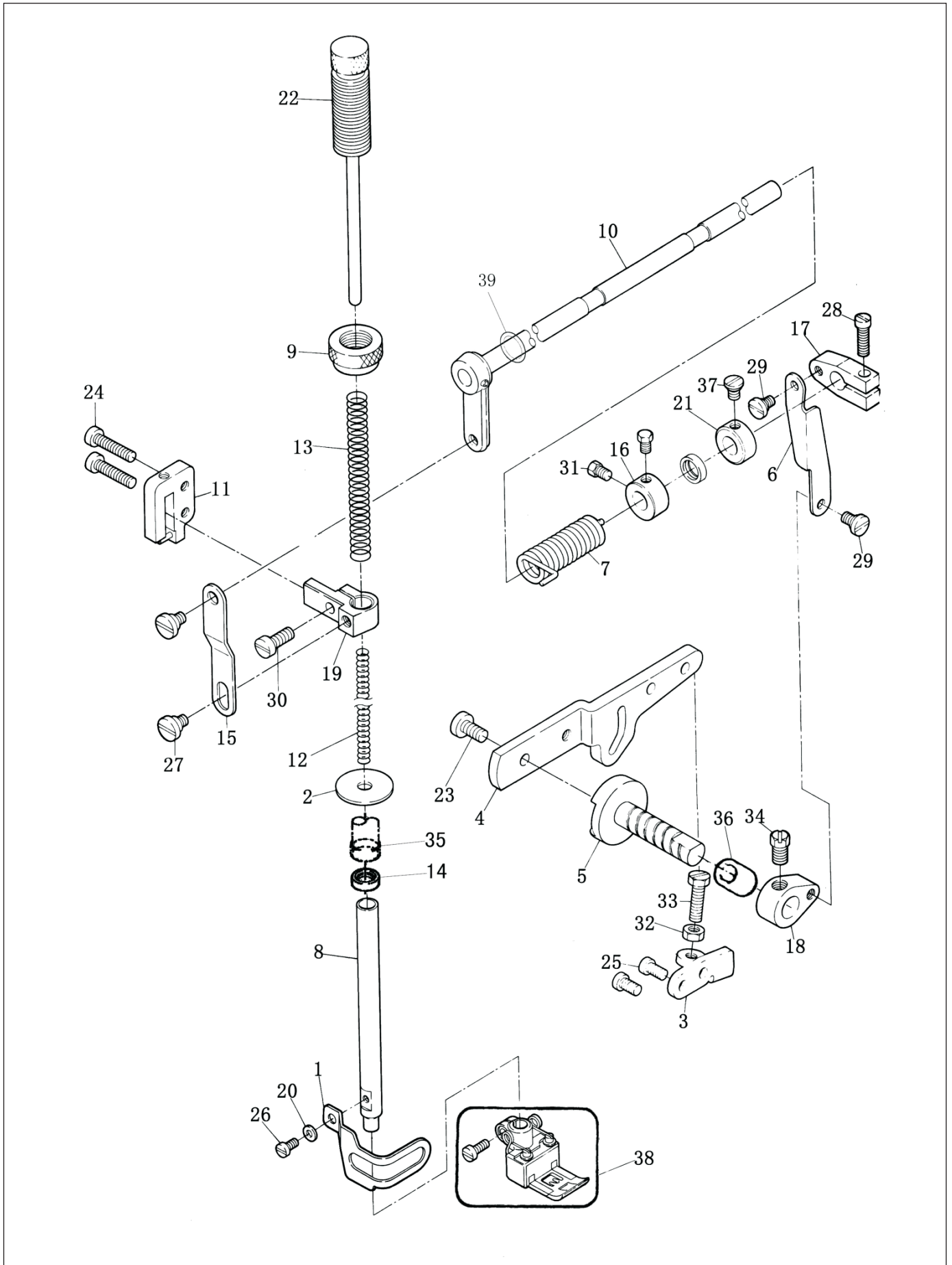
10. 差动部件 DIFFERENTIAL FEED MECHANISM COMPONENTS



10. 差动部件 DIFFERENTIAL FEED MECHANISM COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.10-01	调节杆 (组件)	Adjusting Rod Asm.	1
		301.10-01-1	调节杆 (组件)	Adjusting Rod Asm.	(1)
		301.10-01-2	调节杆 (组件)	Adjusting Rod Asm.	(1)
2		301.10-02	差动调节板	Differential Feed Regulating Plate	1
		301.10-02-01	衬套	Bushing	(1)
3		301.10-03	差动调节刻度板	Differential Feed Regulating Graduation Plate	1
4		301.10-04	差动调节复位弹簧	Differential Feed Regulating Return Spring	1
5		301.10-05	差动调节曲柄	Differential Feed Regulating Crank	1
6		301.10-06	差动调节吊板	Differential Feed Regulating Fork Plate	1
7		301.10-07	滑块	Slide Block	1
8		301.10-08	差动板手紧圈	Thrust Ring	1
9		301.10-09	闷头	Plug	1
10		31-08018000-09	O型密封圈	Rubber Ring	1
11		301.10-11	刻度板隔套	Graduation Plate Spacer	2
12		23-06005120-09	蝶形垫圈	Wave Washer	1
13		301.10-13	螺母 (专用)	Nut	2
14		301.10-14	差动调节锁紧螺母	Locknut	1
15		21-04308090-02	平垫圈	Wave Washer	2
16		301.10-16	螺钉	Screw	1
17		11-40111225-01	螺钉	Screw	2
18		11-40110625-01	螺钉	Screw	2
19		12-60501222-01	螺钉	Screw	1
20		301.10-20	螺钉	Screw	1
21		301.10-21	锁紧螺钉	Screw	1
22		12-40400825-01	螺钉	Screw	5
23		11-00090620-01	螺钉	Screw	2

11. 抬压脚部件 PREESSER FOOT LIFTER COMPONENTS

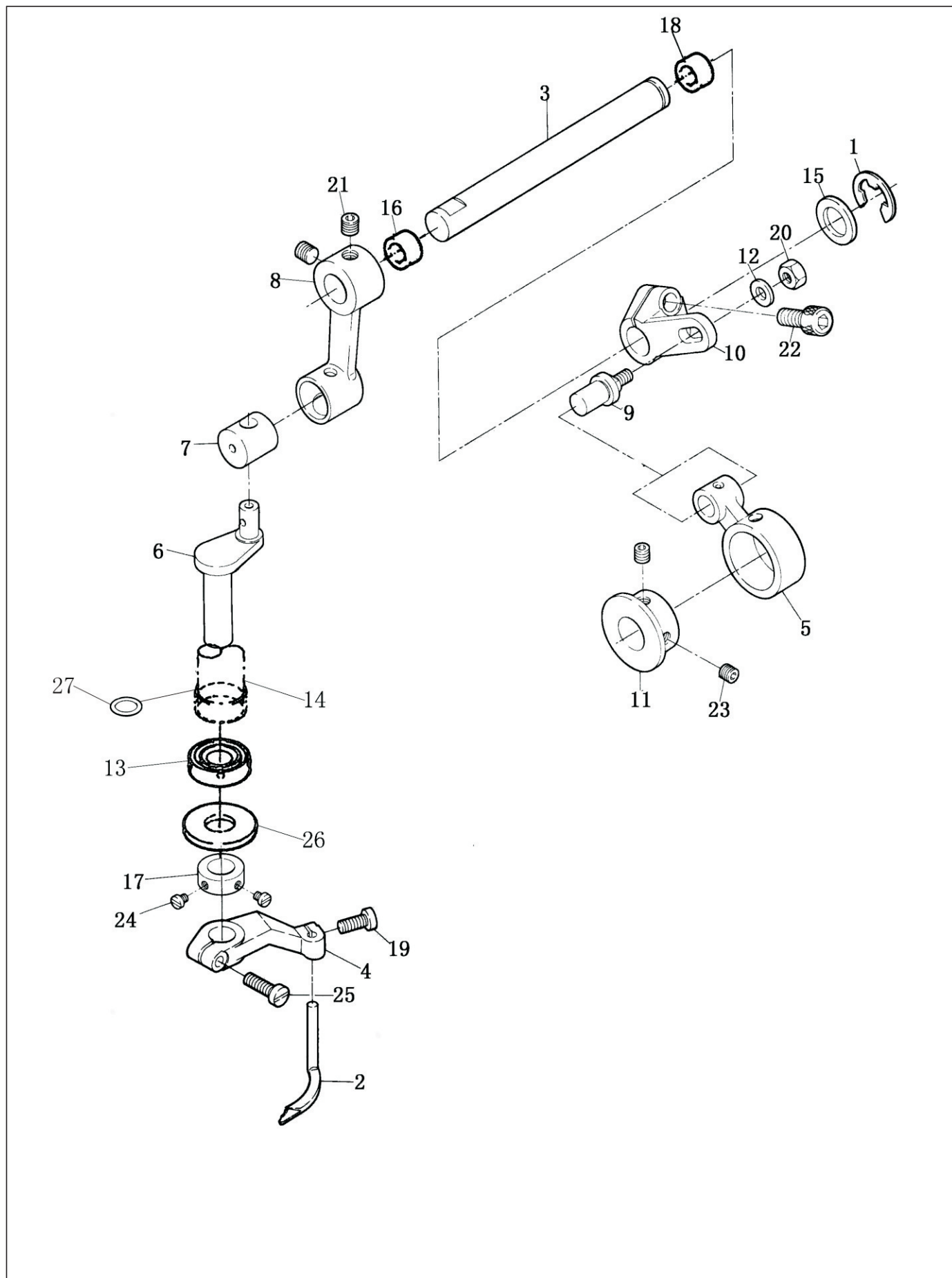


11. 抬压脚部件 PREESSER FOOT LIFTER COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1	#18、#19	301.11-01	压紧防护罩	Presser Bar Shield	1
2		301.11-02	压紧杆防油罩	Rubber Washer	1
3	#01	301.11-03	限位板	Stopper Plate	1
4		301.11-04	抬压脚拉杆	Presser Foot Lifting Lever	1
5		301.11-05	拉杆座	Lever Base	1
6		301.11-06	抬压脚吊杆	Presser Foot Lifting Steeve	1
7		301.11-07	抬压脚弹簧	Presser Foot Lifting Spring	1
8		301.11-08	压紧杆	Presser Bar	1
9		301.11-09	调压螺母	Adjusting Nut	1
10		301.11-10	抬压脚轴组件	Presser Foot Lifting Shaft	1
		301.11-10-01	抬压脚轴	Presser Foot Lifting Shaft	(1)
		301.11-10-02	抬压脚轴曲柄	Presser Foot Lifting Shaft Crank	(1)
11		301.11-11	压杆导架座	Presser Bar Guide Bracket Base	1
12		301.11-12	调压内弹簧	Presser Regulating Inner Spring	1
13		301.11-13	调压弹簧	Presser Regulating Spring	1
14		32-08440150-09	骨架油封	O-ring	1
15		301.11-15	抬压脚吊板	Presser Foot Lifting Steeve	1
16		301.11-16	抬压脚轴紧圈	Thrust Ring	1
17		301.11-17	抬压脚曲柄	Presser Foot Lifting Crank	1
18		301.11-18	吊杆曲柄	Steeve Crank	1
19		301.11-19	压杆导架	Presser Bar Guide Bracket	1
20		21-03208070-02	垫圈	Washer	1
21		301.11-21	限位紧圈	Thrust Ring	1
22		301.11-22	调压螺钉 (组件)	Adjusting Screw	1
		301.11-22-01	调压螺钉轴	Adjusting Screw Shaft	(1)
		301.11-22-02	调压螺钉	Adjusting Screw	(1)
23		12-60501022-01	螺钉	Screw	1
24		12-40402025-01	导架座螺钉	Bracket Base Screw	2
25	#01	12-40400825-01	螺钉	Screw	2
26	#04	12-40300625-01	螺钉	Screw	1
27		301.11-27	螺钉	Screw	2
28		11-70111420-01	螺钉	Screw	1
29		301.11-29	螺钉	Screw	2
30		11-40111225-01	螺钉	Screw	1
31		11-00110620-01	螺钉	Screw	2
32	#01	14-60504020-01	螺母	Nut	1
33	#01	12-90502520-01	螺钉	Screw	1
34		11-00160920-01	螺钉	Screw	1
35		343.11-12	压紧杆套	Presser Bar Bushing	1
36		301.11-36	拉杆座套	Lever Base Bushing	1
37		11-00110620-01	螺钉	Screw	1
38	#23	301.11-38	压脚 (组件)	Presser Foot	1
	#22	301.11-38(6.4)	压脚 (组件) (6.4)	Presser Foot	1
	#22	301.11-38(4.8)	压脚 (组件) (4.8)	Presser Foot	1
		301.11-38(3.2)	压脚	Presser Foot	1
	#16	312.11-38	压脚 (组件)	Presser Foot	1
39		31-07524000-09	O型圈	O-ring	1

Note:
 #01...For -7不用
 #06...For -5、-7不用
 #18...For -5、-21不用 #19...For -4不用
 #22...For -1、-7专用
 #23...For -1、-7专用

12. 绷针部件 STRETCH NEEDLE COMPONENTS

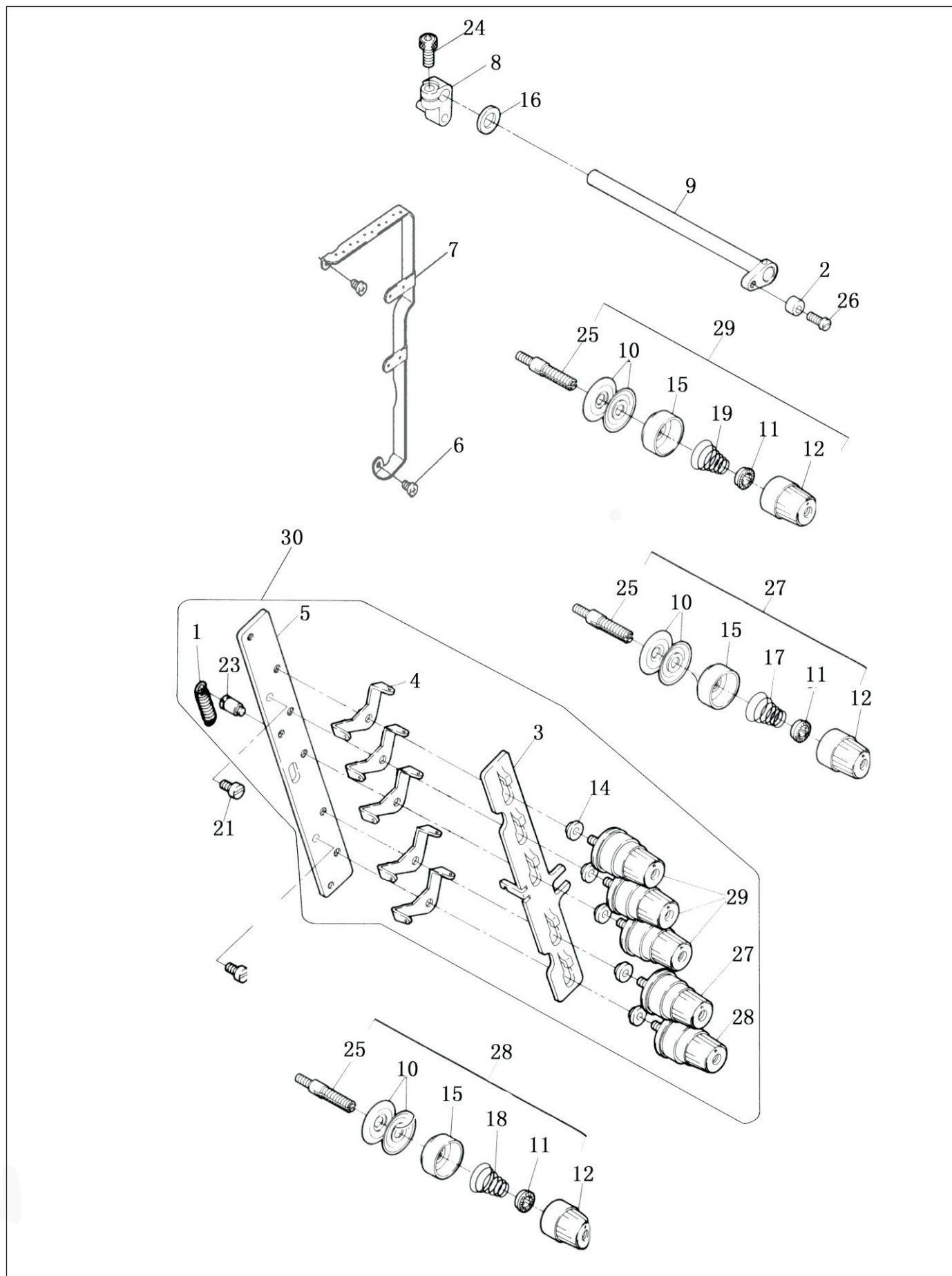


12. 绷针部件 STRETCH NEEDLE COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1	#24	24-10000000-09	开口挡圈	Snap Ring	1
2	#24	301.12-02	绷针	Stretch Tight Needle	1
3	#24	301.12-03	绷针横轴	Stretch Tight Needle Crossing Shaft	1
4	#24	301.12-04	绷针下摆杆	Lower Oscillating Bar	1
5	#24	301.12-05	绷针连杆	Stretch Tight Needle Link Lever	1
6	#24	301.12-06	绷针曲柄	Stretch Tight Needle Crank	1
7	#12	301.12-07	绷针连接柱	Stretch Tight Needle Connecting Pole	1
8	#24	301.12-08	绷针上摆杆	Upper Oscillating Bar	1
9	#24	301.12-09	摆杆螺钉	Oscillating Bar Screw	1
10	#24	301.12-10	绷针调节摆杆	Regulate Oscillating Bar	1
11	#24	301.12-11	绷针凸轮	Stretch Tight Needle Cam	1
12	#24	21-05212121-03	垫圈	Washer	1
13	#20	32-09440190-09	骨架 油封	O-ring	1
14	#20	301.12-14	绷针竖套	Stretch Tight Needle Upright Bushing	1
15	#24	21-12114152-03	垫圈	Washer	1
16	#24	301.12-16	绷针左套	Stretch Tight Needle Left Bushing	1
17	#24	301.12-17	绷针紧圈	Thrust Ring	1
18	#24	301.12-16	绷针右套	Stretch Tight Needle Right Bushing	1
19	#24	12-40401025-01	螺钉	Screw	1
20	#24	14-60504020-01	螺母	Nut	1
21	#24	12-85600512-01	螺钉	Screw	2
22	#24	12-65601422-01	螺钉	Screw	1
23	#24	12-80500512-01	螺钉	Screw	2
24	#24	11-40080425-01	螺钉	Screw	2
25	#24	12-40401425-01	螺钉	Screw	1
26	#24	21-10220232-03	垫圈	Washer	1
27	#24	31-10020000-09	O型圈	Rubber Ring	1

Note:
#20...For -4、-21不用
#24...For -4不用

13. 过线器部件 THREAD GUIDE MECHANISM COMPONENTS

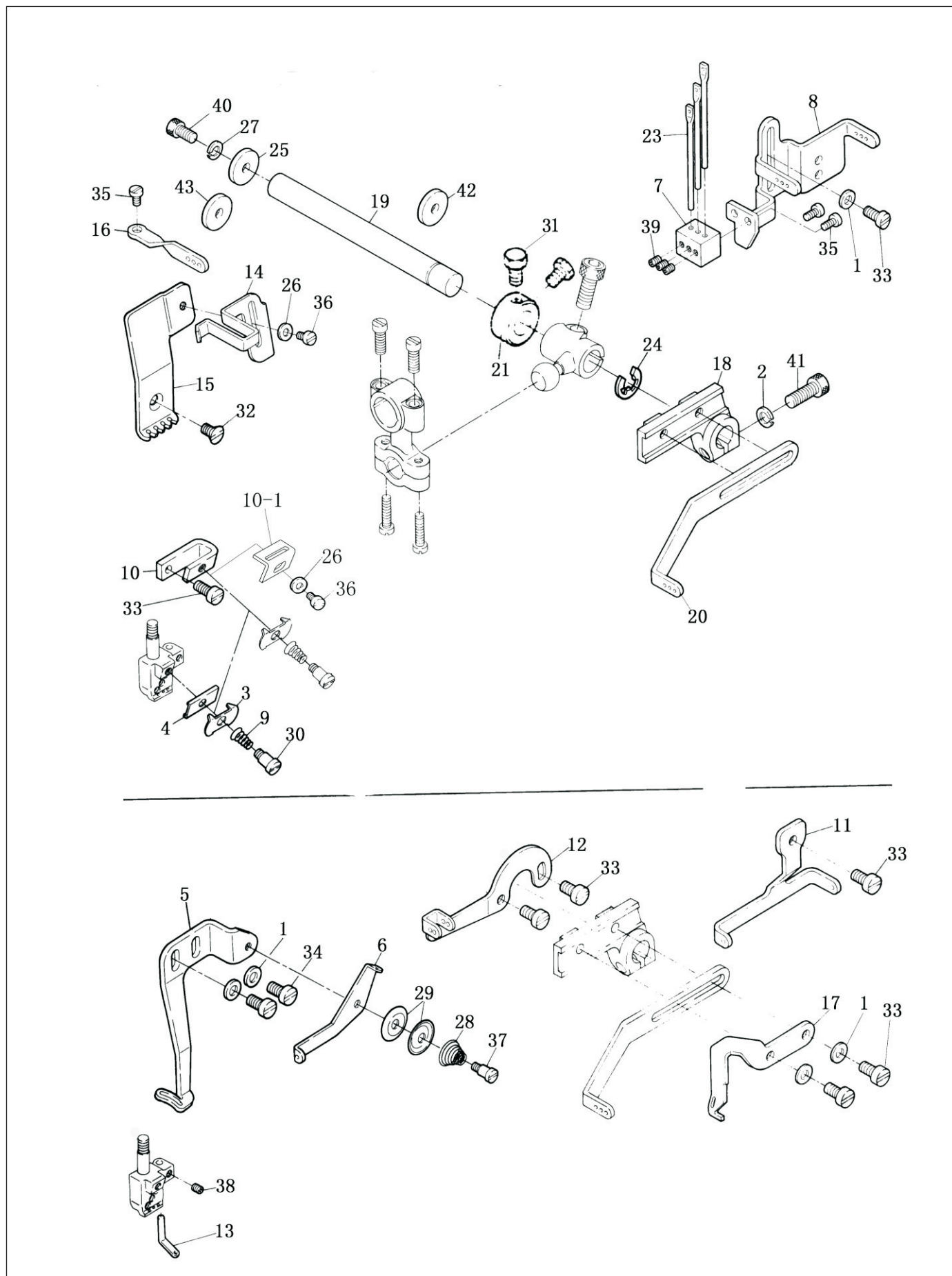


13. 过线器部件 THREAD GUIDE MECHANISM COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.13-01	挺线板拉簧	Spring	(1)
2	#01	301.13-02	隔套	Spacer	1
3	#25	301.13-03	过线座	Thread Eyelet Base	(1)
	#16	312.13-03	过线座	Thread Eyelet Base	(1)
4		301.13-04	压线过线板2	Thread Guide Plate2	(5)
5	#12、#25	301.13-05	挺线板	Thread Eyelet Base	(1)
	#16	312.13-05	挺线板	Thread Eyelet Base	(1)
6	#12	12-40400525-01	螺钉	Screw	2
7	#12、#25	340.13-07	过线架	Thread Eyelet Stand	1
	#16	312.13-07	过线架	Thread Eyelet Stand	1
8	#01	301.13-08	挺线杆曲柄	Thread Eyelet Base Shaft Crank	1
9	#01	301.13-09	挺线杆(组件)	Thread Eyelet Base Shaft	1
	#01	301.13-09-01	挺线杆轴	Thread Eyelet Base Shaft	(1)
	#01	301.13-09-02	挺线杆曲柄	Thread Eyelet Base Crank	(1)
10		301.13-10	夹线板	Thread Tension Plate	(10)
11		301.13-11	夹线防松圈	Thread Tension Ring	(5)
12		301.13-12	夹线螺母	Thread Tension Nut	(5)
14		301.13-14	垫圈	Washer	(5)
15		301.13-15	夹线座	Thread Tension Base	(5)
16		21-08220151-01	垫圈	Washer	1
17		301.13-17	夹线簧	Thread Tension Spring	(1)
18		301.13-18	夹线簧	Thread Tension Spring	(1)
19		301.13-19	夹线簧	Thread Tension Spring	(3)
21		12-40400825-01	螺钉	Washer	2
23		301.13-23	挺线板螺钉	Screw	(1)
24	#01	12-60501222-01	螺钉	Screw	1
25		301.13-25	夹线螺钉	Thread Tension Screw Stud	(5)
26	#01	11-40111225-01	螺钉	Screw	1
27		301.13-27	夹线器组件B	Thread Tension Spring Arm B	(1)
28		301.13-28	夹线器组件C	Thread Tension Spring Arm C	(1)
29		301.13-29	夹线器组件A	Thread Tension Spring Arm A	(3)
30		343.13-10	夹线器大组件	Thread Tension Spring Arm.	1

Note:
 #01...For -7不用
 #12...For -21不用
 #16...For -6专用
 #25...For -6不用

14. 过线部件 THREAD GUIDE COMPONENTS

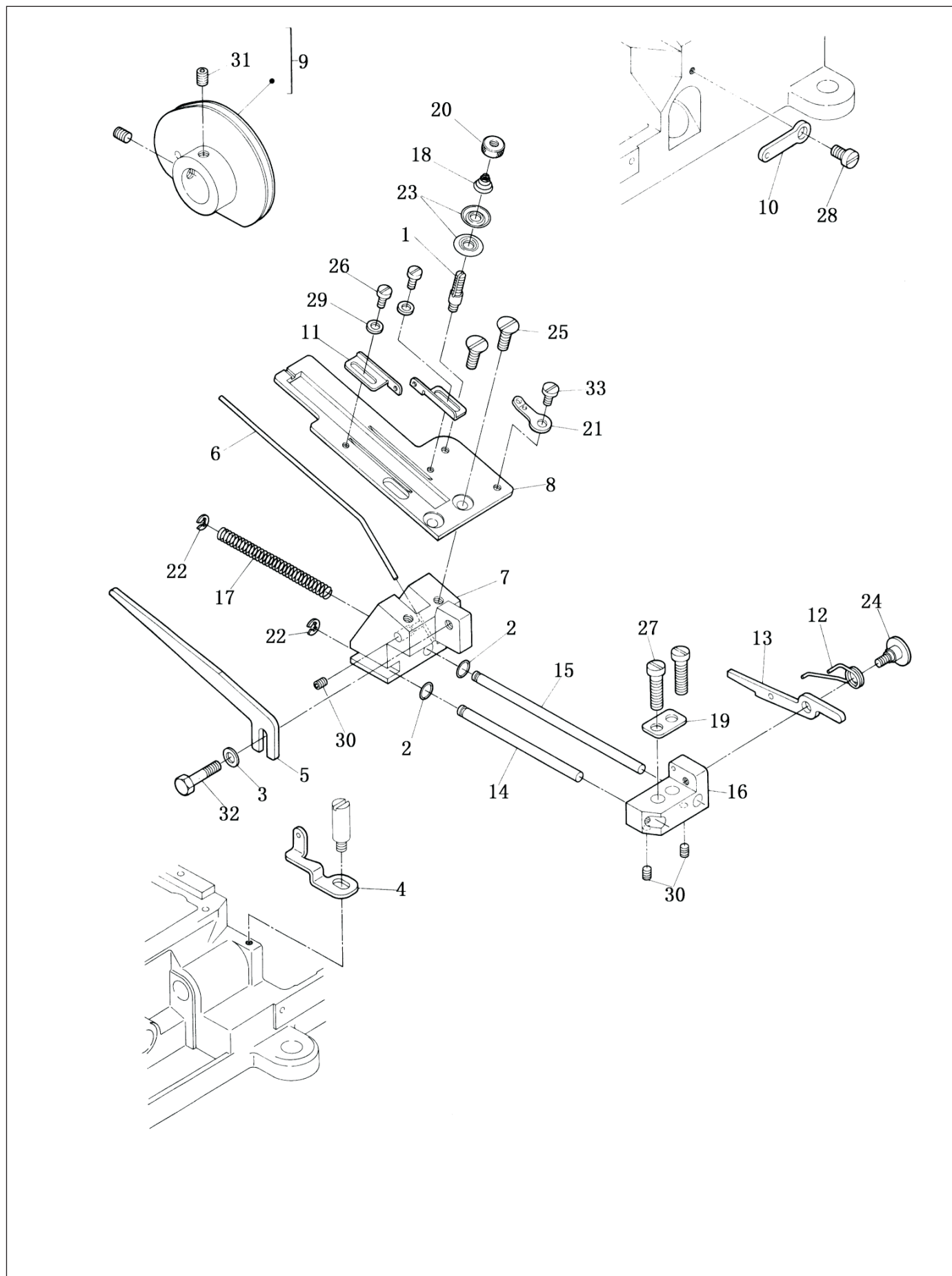


14. 过线部件 THREAD GUIDE COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		21-04308090-02	垫圈	Washer	5
2		22-05000000-08	垫圈	Washer	1
3		301.14-03	针轧过线压板	Thread Guide Pressing Plate	1
4		301.14-04	针轧过线板	Thread Guide Plate	1
5	#12、#19	301.14-05	绷线过线下过线板	Lower Thread Guide Plate	1
6	#19	301.14-06	绷线过线板	Thread Guide Plate	1
7	#25	301.14-07	硅油过线座	Silicone Thread Guide Base	1
	#16	312.14-07	硅油过线座	Silicone Thread Guide Base	1
8	#25	301.14-08	硅油过线座	Silicone Thread Guide Base	1
	#16	312.14-08	硅油过线座	Silicone Thread Guide Base	1
9		301.14-09	针轧过线簧	Thread Eyelet Spring	1
10		301.14-10	小过线座	Thread Guide Base (small)	1
		301.14-10-01	挡线板	Block The Line Plank	1
11	#19	301.14-11	绷线上导线板	Upper Thread Guide Plate	1
12	#19	301.14-12	张线杆	Thread Eyelet Guide Lever	1
13	#19	301.14-13	针轧右过线杆	Thread Eyelet Right Bar	1
14		301.14-14	挑线防护罩	Thread Take-up Shield	1
15		301.14-15	挑线防护罩座	Thread Take-up Shield Base	1
16		301.14-16	针杆上过线	Needle Bar Top Thread Guide	1
17		301.14-17	上叉挑线杆	Thread Take-up Lever	1
18		301.14-18	挑线杆座	Thread Take-up Lever Base	1
19		301.14-19	挑线杆轴	Thread Take-up Lever Shaft	1
20	#25	301.14-20	挑线杆	Thread Take-up Lever	1
	#16	312.14-20	挑线杆	Thread Take-up Lever	1
21		301.14-21	紧圈	Thrust Ring	1
23		301.14-23	挑线钉	Thread Eyelet Guided Nail	3
24		24-07000000-09	开口挡圈	Snap Ring	1
25		21-04520141-01	垫圈	Washer	1
26		21-03208070-02	垫圈	Washer	2
27		22-04000000-08	止退圈	Stopper Ring	1
28	#19	301.14-28	压线簧	Presser Spring	1
29	#19	279.04-58	过线板	Presser Plate	2
30		301.14-30	针轧过线螺钉	Screw	1
31		11-00110620-01	螺钉	Screw	2
32		12-10400820-01	螺钉	Screw	1
33		12-40400825-01	螺钉	Screw	7
34	#12、#19	12-40400825-01	螺钉	Screw	2
35		12-40300625-01	螺钉	Screw	3
36		12-60300420-01	螺钉	Screw	2
37	#12、#19	301.14-37	夹线螺钉	Screw	1
38	#19	12-80300312-01	螺钉	Screw	1
39		12-80300412-01	螺钉	Screw	3
40		12-60400822-01	挑线杆轴螺钉	Thread Take-up Lever Shaft Screw	1
41		12-60501622-01	螺钉	Screw	1
42		301.08-20	挑线杆轴前套	Thread Take-up Lever Shaft Front Bushing	1
43		301.14-43	挑线杆轴后套	Thread Take-up Lever Shaft Back Bushing	1

Note:
 #12...For -21不用
 #16...For -6专用
 #19...For -4不用
 #25...For -6不用

15. 下过线器部件 LOWER THREAD TENSION COMPONENTS

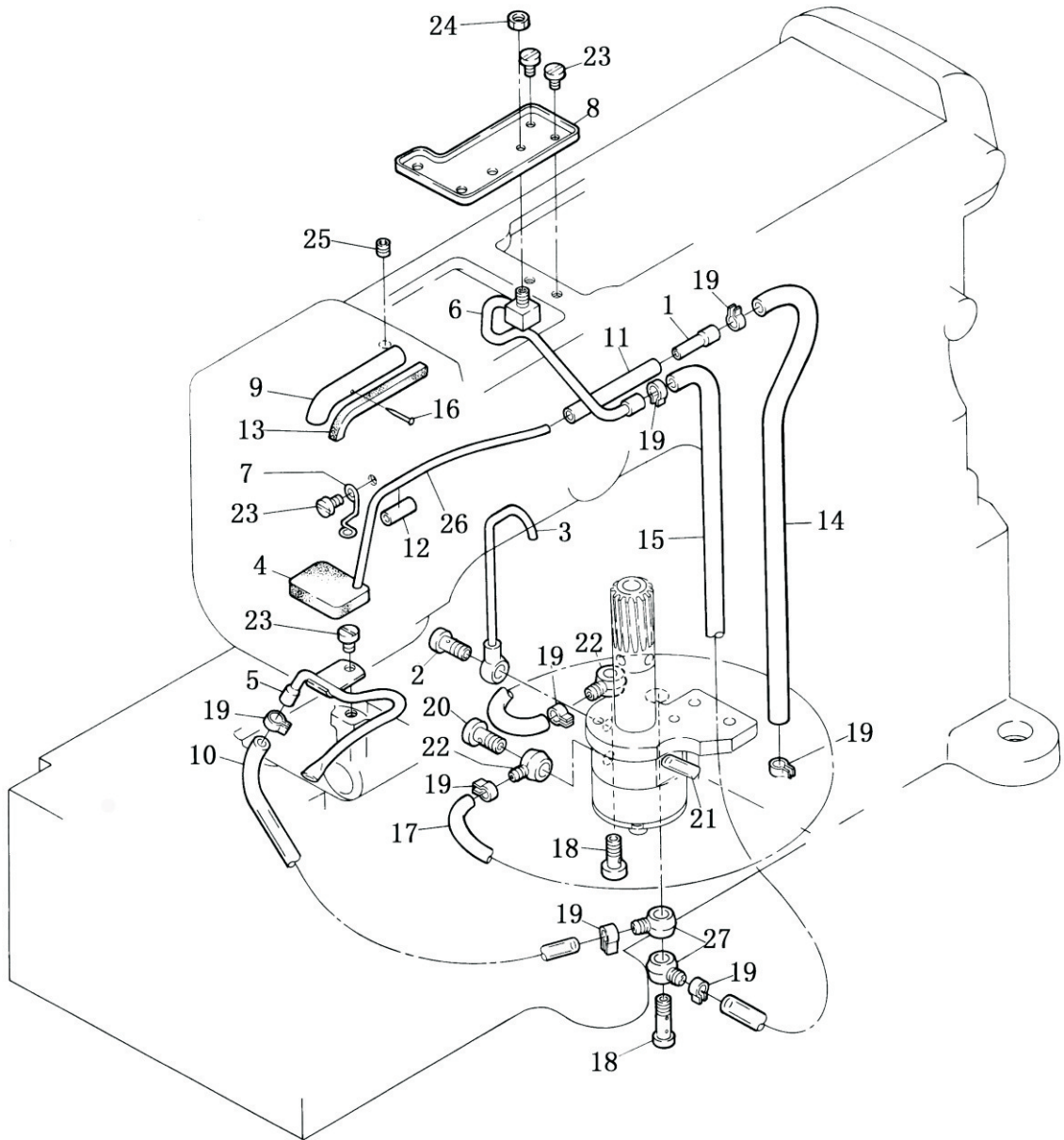


15. 下过线器部件 LOWER THREAD TENSION COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
	#26	301.15-00	打线器组件		1
1	#26	209.19-11	压线板螺钉	Screw	(1)
2	#26	31-05020000-09	O型垫圈	O-ring	(2)
3	#26	21-04308090-02	垫圈	Washer	(1)
4		301.15-04	过线板	Thread Guide Plate	1
5	#26	301.15-05	下过线压板	Lower Thread Guide Presser Plate	(1)
6	#26	301.15-06	下过线杆	Lower Thread Eyelet Bar	(1)
7	#26	301.15-07	下过线架	Lower Thread Guide Frame	(1)
8	#26	301.15-08	下过线板	Lower Thread Guide Plate	(1)
9	#26	301.15-09	凸轮 (组件)	Cam Asm.	1
	#26	301.15-09-01	绕线凸轮	Round The Line Cam	(1)
	#26	301.15-09-02	凸轮衬套	Cam Bushing	(1)
	#26	301.15-09-03	打线凸轮垫圈	Washer	(1)
10	#19	301.15-10	过线板	Thread Guide Plate	1
11	#19、#26	301.15-11	下过线板	Lower Thread Guide Plate	(2)
12	#26	301.15-12	下过线勾	Lower Thread Finger	(1)
13	#26	301.15-13	扳手	Handle	(1)
14	#26	301.15-14	下线短导杆	Short Thread Leader Rod	(1)
15	#26	301.15-15	下过线导杆	Thread Leader Rod	(1)
16	#26	301.15-16	下过线座	Lower Thread Guide Seating	(1)
17	#26	301.15-17	压簧	Press Spring	(1)
18	#26	209.19-13	绷线簧	Spring	(1)
19	#26	301.15-19	下过线垫片	Washer	1
20	#26	209.19-14	螺母 (夹线板专用)	Nut	(1套)
21	#26	301.15-21	下过线板	Lower Thread Guide Plate	(1)
22	#26	301.15-22	开口挡圈	Snap Ring	(2)
23	#26	209.19-12	绷线小压板	Presser Plate	(2)
24	#26	301.15-24	螺钉	Screw	(1)
25	#26	12-10400820-01	螺钉	Screw	(2)
26	#26	12-60250420-01	螺钉	Screw	(2)
27	#26	12-40401625-01	螺钉	Screw	2
28		12-40400625-01	螺钉	Screw	1
29	#26	21-02705060-01	垫圈	Washer	(2)
30	#26	12-80300312-01	螺钉	Screw	(3)
31	#26	12-80500512-01	螺钉	Screw	2
32	#26	12-90400620-01	螺钉外六角	Screw	(1)
33	#26	12-60300420-01	螺钉	Screw	(1)

Note:
#19...For -4不用
#26...For -01不用

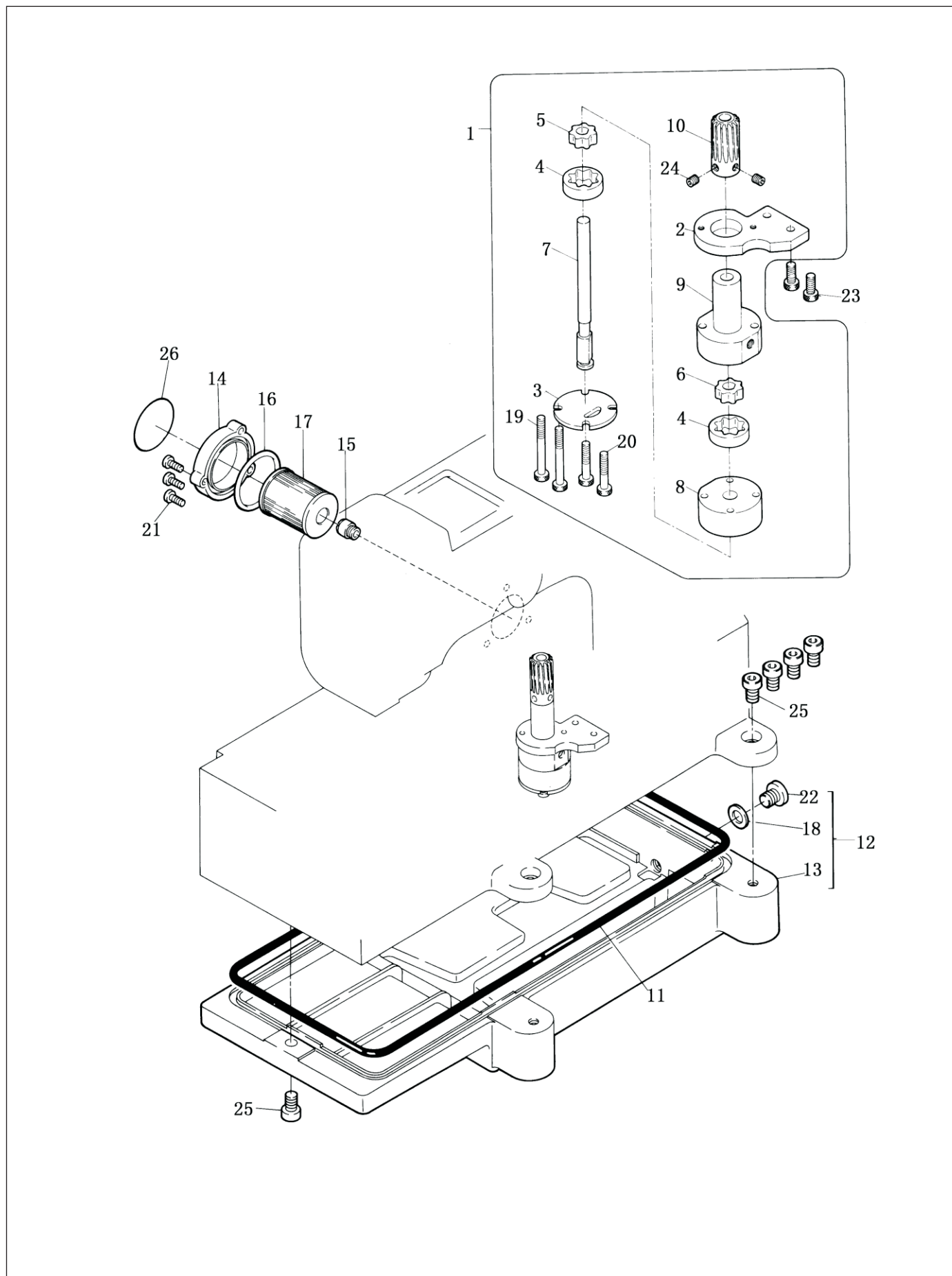
16. 供油部件 LUBRICATION MECHANISM COMPONENTS



16. 供油部件 LUBRICATION MECHANISM COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.16-01	管接头	Terminal	1
2		301.16-02	螺钉小双通油接头	Screw With Small Double Holes	1
3		301.16-03	油管组件	Oil Tube Complete	1
4		301.16-04	羊毛毡	Wool Felt	1
5		301.16-05	下油管组件	Lower Oil Tube Complete	1
6		301.16-06	油管组件	Oil Tube Complete	1
7		301.16-07	油管定位勾	Oil Tube Holder	1
8		301.16-08	上油盘	Upper Oil Pan	1
9		301.16-09	油管	Oil Tube	1
10		42-07005000-00	油管5×7×260	Oil Tube 5×7×260	0.26
11		301.16-11	油管	Oil Tube	1
12		42-05003000-00	小油管3×5×40	Small Oil Tube 3×5×40	0.04
13		43-10300000-00	油线	Oil Wick	1
14		42-07005000-00	油管5×7×310	Oil Tube 5×7×310	0.31
15		42-07005000-00	油管5×7×400	Oil Tube 5×7×400	0.4
16		301.16-16	油线钉	Oil Wick Nail	1
17		42-07005000-00	油管5×7×190	Oil Tube 5×7×190	0.19
18		301.16-18	螺钉双通油接头	Screw With Double Holes	2
19		301.16-19	夹头	Collet	2
20		301.16-20	螺钉单通油螺钉	Screw With Single Hole	1
21		301.16-20-01	管接头	Terminal	1
22		301.16-21	管接头(单)	Terminal (Single Hole)	2
23		12-40400625-01	螺钉	Screw	4
24		14-60403020-01	螺母	Nut	1
25		12-80500512-01	螺钉	Screw	1
26		301.16-25	油管	Oil Tube	1
27		301.16-26	管接头(双)	Terminal	1
28		301.16-19-02	夹头(中)		6

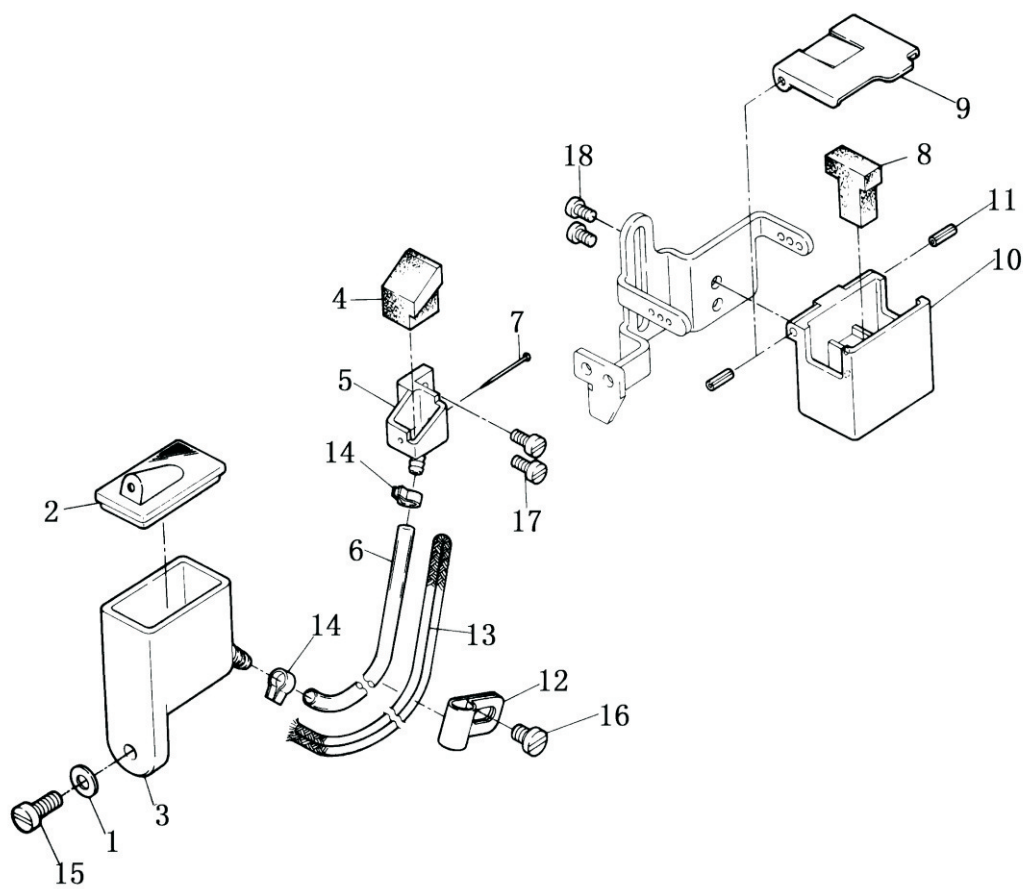
17. 油泵部件 PUMP COMPONENTS



17. 油泵部件 PUMP COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.17-01	(油泵组件)	Pump Complete	1
2		301.17-02	油泵连接板	Fixing Plate	(1)
3		301.17-03	油泵端盖(底板)	Motherboard	(1)
4		301.17-04	内齿轮	Inner Gear Wheel	(2)
5		301.17-05	上齿轮	Gear Wheel (upper)	(1)
6		301.17-06	下齿轮	Gear Wheel (lower)	(1)
7		301.17-07	油示轴	Shaft	(1)
8		301.17-08	油泵壳体	Pump Body	(1)
9		301.17-09	上油泵体	Upper Pump Body	(1)
10		301.17-10	油泵蜗轮	Small Gear Wheel	(1)
11		343.17-08	油盘防油垫	Oil Protecting Gasket	1
12		301.17-12	油盘组件	Oil Pan Asm.	1
13		301.17-13	油盘	Oil Pan	1
14		301.17-14	滤油器盖	Pump Filter Cover	1
15		301.17-15	滤油器螺钉	Pump Filter Screw	1
16		31-39035000-09	O型圈	O-ring	1
17		279.08-23	纸质滤油器	Pump Filter	1
18		301.17-18	密封垫	Oil Protecting Gasket	1
19		301.17-20	螺钉	Screw	(2)
20		301.17-21	螺钉	Screw	(2)
21		12-40401225-01	螺钉	Screw	3
22		301.17-23	油盘螺钉	Oil Pan Screw	1
23		12-60501222-01	螺钉	Screw	2
24		12-80500512-01	螺钉	Screw	(2)
25		12-60802022-01	螺钉	Screw	5
26		44-00000008-00	商标	Brand	1

18. 机针冷却器部件 NEEDLE COOLING MECHANISM COMPONENTS

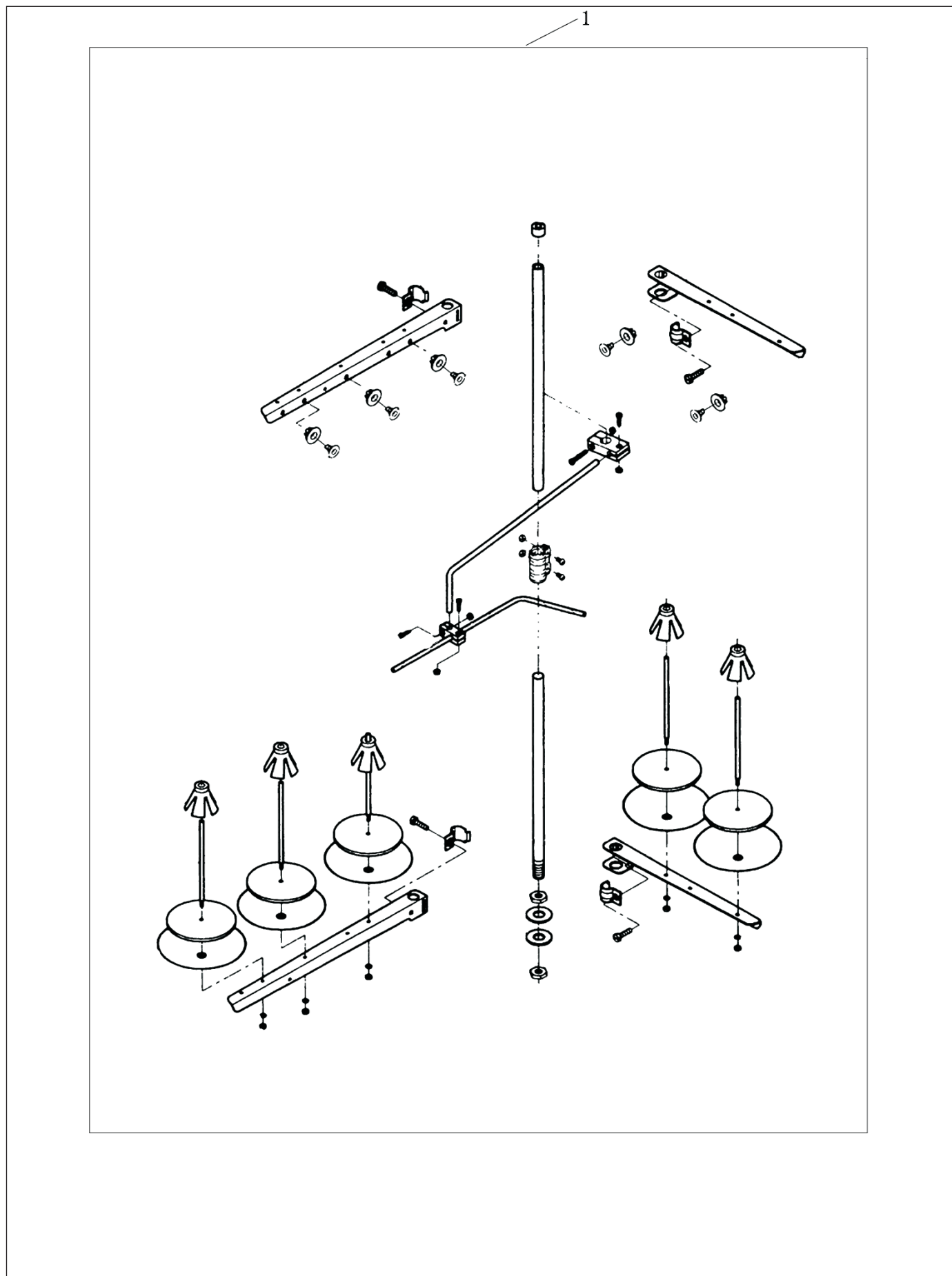


18. 机针冷却器部件 NEEDLE COOLING MECHANISM COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1	#19	21-04308090-02	垫圈	Washer	1
2	#19	301.18-02	硅油储盒盖	Silicone Oil Reservoir Cover	1
3	#19	301.18-03	硅油储盒	Silicone Oil Reservoir	1
4	#19	301.18-04	硅油盒油毡	Silicone Oil Reservoir Felt	1
5	#19	301.18-05	硅油盒壳体	Silicone Oil Reservoir Bady	1
6	#19	42-07005000-00	硅油输油管	Silicone Oil Efferent	0.135
7	#19	279.09-20	大头针	Pin	1
8		301.18-08	上硅油毡	Silicone Oil Felt (upper)	1
9		301.18-09	上硅油盖	Silicone Oil Cover (upper)	1
10		301.18-10	上硅油盒	Silicone Oil Case (upper)	1
11		41-20200500-00	开口弹簧销 $\phi 2 \times 5$	Elastic Pin $\phi 2 \times 16$	2
12	#19	301.18-12	油线压板	Oil Wick Press Plate	1
13	#19	43-10250000-00	油线	Oil Wick	0.27
14	#19	301.16-19-01	弹簧管夹头(小)	Spring Tube Collet	2
15	#19	12-40401025-01	螺钉	Screw	1
16	#19	12-40400625-01	螺钉	Screw	1
17	#19	12-40300625-01	螺钉	Screw	2
18		11-40090525-01	螺钉	Screw	2

Note:
#19...For -4不用

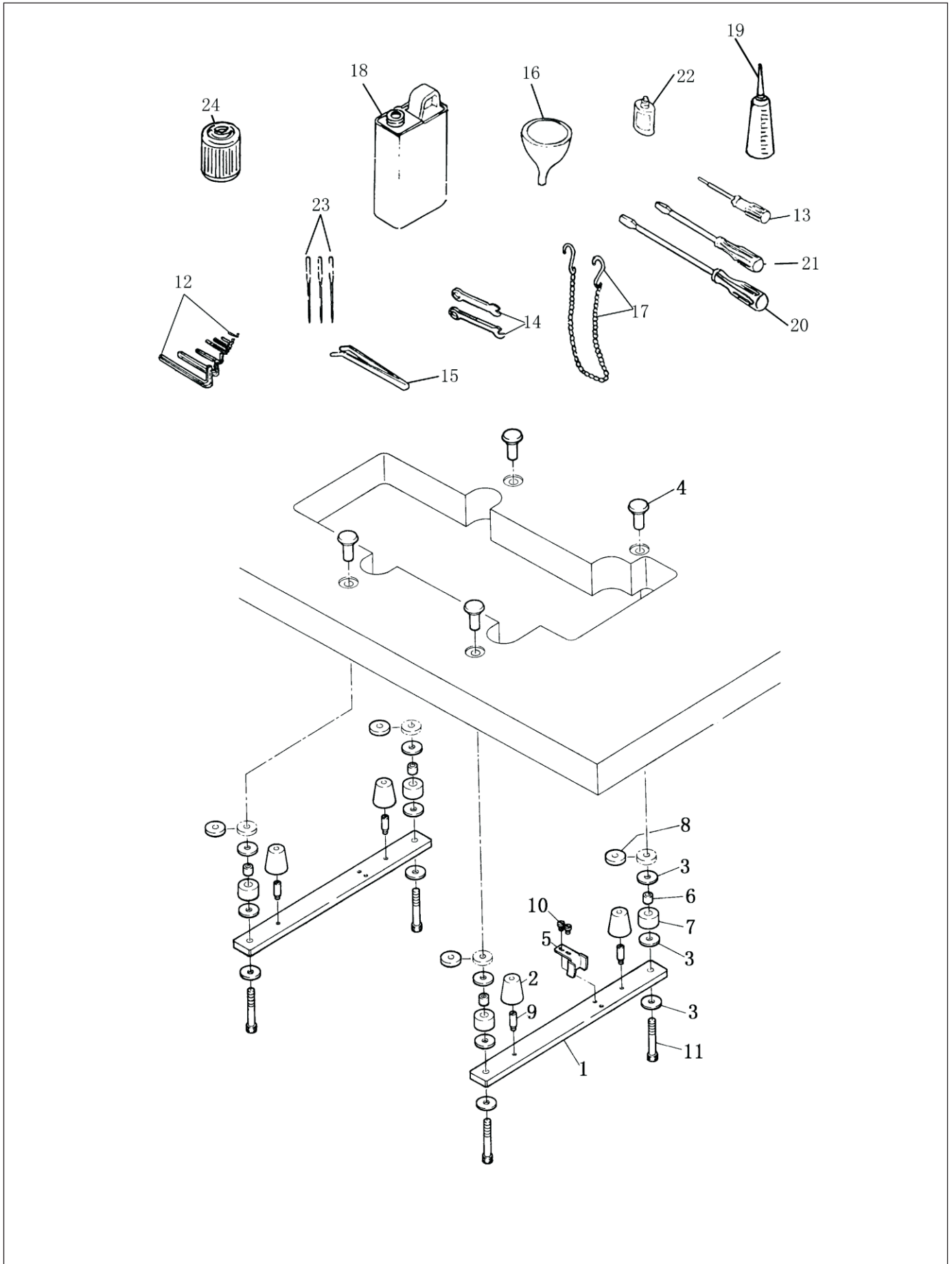
19. 线架部件 THREAD STAND COMPONENT



19. 线架部件 THREAD STAND COMPONENT

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1	#19、#25	279. 12-05	五线线架组件	Thread Stand Complete.	1
	#16	279. 12-06	六线线架组件	Thread Stand Complete.	1
	#27	279. 12-04	四线线架组件	Thread Stand Complete.	1
				<p>Note: #16...For -6专用 #19...For -4不用 #25...For -6不用 #27...For -4专用</p>	

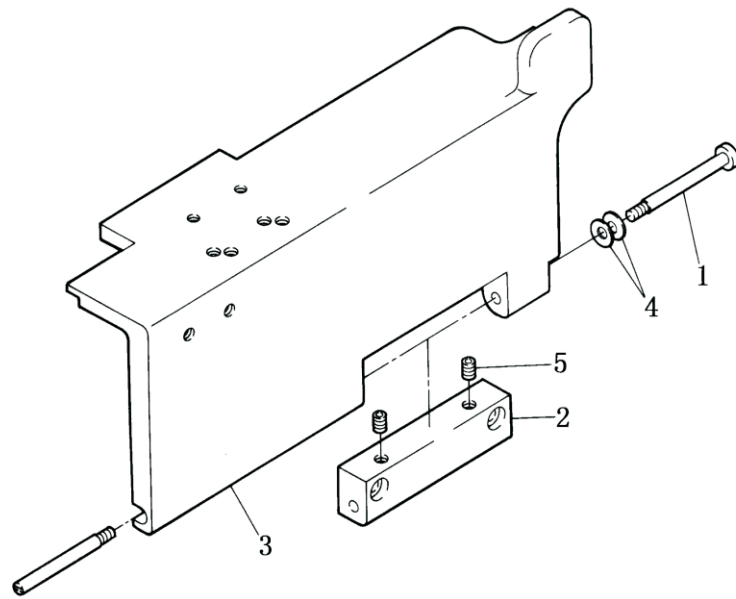
20. 附件 ACCESSORIES COMPONENTS



20. 附件 ACCESSORIES COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.20-01	承重板	Bearing Plate	2
2		301.20-02	胶垫	Space Ring	4
3		21-08515260-01	垫片	Washer	12
4		301.20-04	螺钉	Screw	4
5		301.20-05	护板	Protect Plate	1
6		301.20-06	胶垫骨架	Space Ring Frame Work	4
7		301.20-07	胶垫	Space Ring	4
8		301.20-08	塑料垫圈	Plastic Washer	4
9		301.20-09	螺钉	Screw	4
10		12-40500825-01	螺钉	Screw	2
11		12-60805522-01	长螺钉	Long Screw	4
12		301.20-13	内六角 S2	Within Six Foreland (2-6)	1
		301.20-15	内六角 S2.5		1
		301.20-26	内六角 S3		1
		301.20-27	内六角 S3.5		1
		301.20-28	内六角 S4		1
		301.20-29	内六角 S5		1
		301.20-30	内六角 S6		1
13		279.11-29	S1.5有柄内六角扳手	Hexagon Wrench S1.5	1
14		279.11-22	双头扳手S8	Two-head Driver(S7、S8)	1
		279.11-22B	双头扳手S7		1
15		279.11-24	小镊子	Tweezer	1
16		279.11-17	圆塑料漏斗	Filler	1
17		279.11-12	抬压脚链条	Chain	1
		279.11-11	链条勾		2
18		101.12-21	油壶	Oil Bottle	1
19		279.11-18	小油壶	Small Oil Bottle	1
20		279.11-15	螺丝刀(大)	Screw Driver (L)	1
21		279.11-15A	螺丝刀(中)	Screw Driver (M)	1
22		279.11-19	硅油壶	Oil Tang	1
23		301.06-24	机针	Needle	3
24		279.08-23	纸质滤油器	Pump Filter	1
25		301.20-20	大尼龙袋		1
26		301.20-21	外箱		1
27		301.20-22	附件箱		1
28		301.20-23	身桶		1
29		301.20-31	泡沫组件		1
		301.20-34	泡沫组件		1
30		301.20-32	说明书&零件样本	Operation Instruction & Parts Book	1
31		44-0000011-00	合格证		1

21. 导布部件 FABRIC GUIDE COMPONENTS

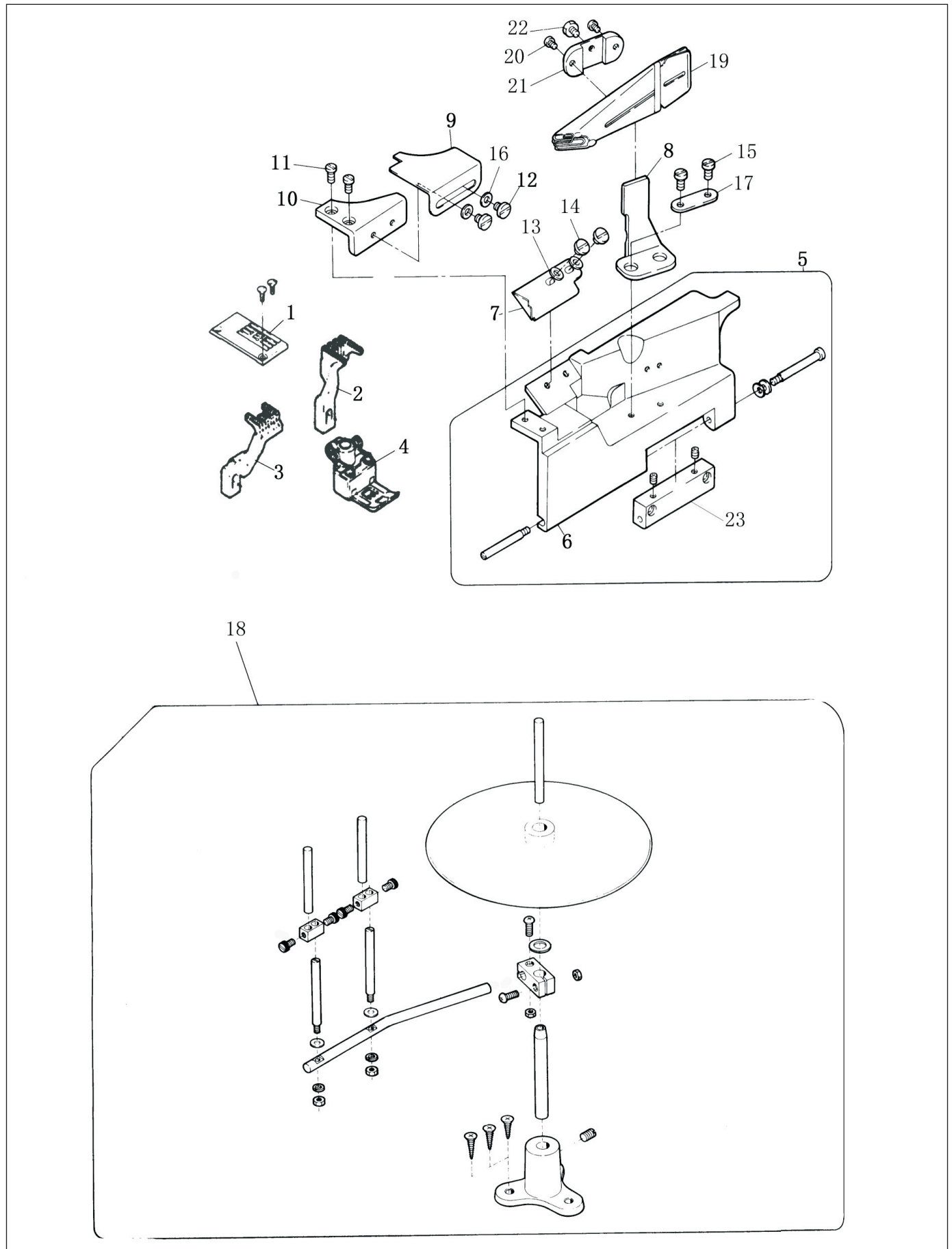


21. 导布部件 FABRIC GUIDE COMPONENTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.02-13	长螺钉	Long Screw	1
2	#29	301.21-03	穿线链	Hinge Thread Guide Lath	1
3	#05、#29	301.21-04	穿线罩板	Thread Guide Plate	1
4		22-05000000-08	鞍形垫圈	Wave Washer	2
5		12-80500612-01	螺钉	Screw	2

Note:
#05...For -5、-4不用
#29...For -2不用

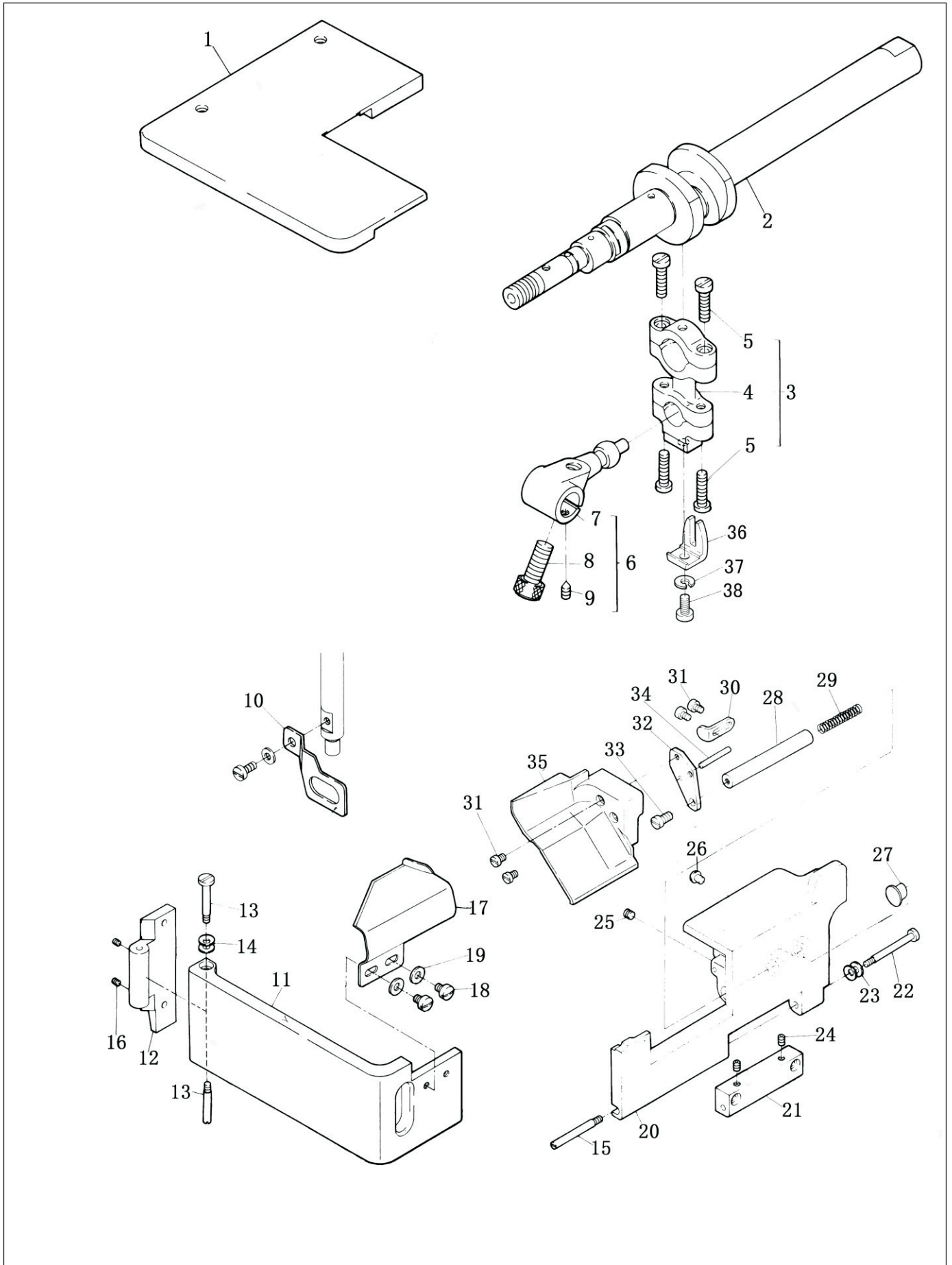
22. 上滚条专用部件 TAPE BINDING SPECIFIC PARTS



22. 上滚条专用部件 TAPE BINDING SPECIFIC PARTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		302.06-01	针板	Needle Plate	1
		302.06-01(6.4)	针板(6.4)	Needle Plate	1
2		302.09-01	主送布牙	Main Feed Dog	1
3		302.09-02	差动送布牙	Differential Feed Dog	1
4		302.11-00	压脚组件	Presser Foot Complete. (6.4)	1
		302.11-00(6.4)	压脚组件(6.4)	Presser Foot Complete.	1
		302.11-01	压脚柄	Presser Foot Handle	(1)
		302.11-02	压脚底板	Presser Foot Scaleboard	(1)
		302.11-03	压脚护板	Presser Foot Protect The Plank	(1)
		302.11-04	压脚连接柱	Pin	(1)
		302.11-05	压脚扭簧	Presser Foot Spring	(1)
		302.11-06	压脚扭簧螺钉	Screw	(1)
		302.11-07	压脚连接柱螺钉	Screw	(1)
		302.11-08	压脚销	Pin	(1)
		302.11-09	压脚压簧	Presser Foot Presser Spring	(1)
		302.11-10	压脚螺钉	Screw	(1)
5		302.23-00	穿线罩板组件	Thread Guide Plate Cover Complete	1
6		302.23-01	穿线罩板	Thread Guide Plate Cover	1
7		302.23-02	穿线罩板滚条护板(右)	Protect Plate(right)	1
8		302.23-03	穿线罩板滚条挡板	Bibcock Installation Bracket	1
9		302.23-04	穿线罩板滚条护板(左)	Protect Plate(left)	1
10		302.23-05	穿线罩挡线压板	Keep Off Thread Press Plate	1
11		12-40500825-01	穿线罩挡线压板螺钉	Keep Off Thread Press Plate Screw	2
		12-10400820-01	活动穿线罩板螺钉	Screw	1
12		12-40500625-01	穿线罩板护板(左)螺钉	Protect Plate(left) Screw	2
13		21-04308090-02	垫片	Washer	2
14		12-40400625-01	滚条护板(右)螺钉	Protect Plate(right) Screw	2
15		12-40601025-01	穿线罩板滚条挡板螺钉	Bibcock Installation Bracket Screw	2
16		21-05310100-02	垫片	Washer	2
17		302.23-12	穿线罩板滚条挡板垫片	Bibcock Installation Bracket Washer	1
18		302.23-07	滚边盘组件	Thread Stand Complete	1
		302.23-07-01	线架托盘	Spool Rest	(1)
		302.23-07-02	线架安装座	The Line Installs	(1)
		302.23-07-03	托盘安装棒	The Tray Installs The Strick	(1)
		302.23-07-04	短过线棒	Short Over Line Strick	(4)
		302.23-07-05	短过线棒安装座	Install Of Short Over Line Strick	(2)
		302.23-07-06	线架安装棒	The Line Installs The Stick	(1)
		302.23-07-07	线架安装棒安装座	Install Of The Line Installs The Stick	(1)
		302.23-07-08	线架托盘垫片	Spool Rest Cushion	(1)
		302.23-07-09	线架安装座螺钉	Screw	(1)
		302.23-07-10	紧定螺钉	Screw	(2)
		302.23-07-11	线架安装棒螺钉	Screw	(6)
		302.23-07-12	木螺钉	Screw	(3)
19		302.23-08	龙头组件(夹边器组件)	Bibcock Complete	1
20		12-40350525-01	夹线器固定板螺钉	Bibcock Fixing Plate Screw	2
21		302.23-09	夹线器固定板	Bibcock Fixing Plate	1
22		12-60501222-01	螺钉	Screw	1
23		302.23-13	穿线链	Hinge Thread Guide Lath	1

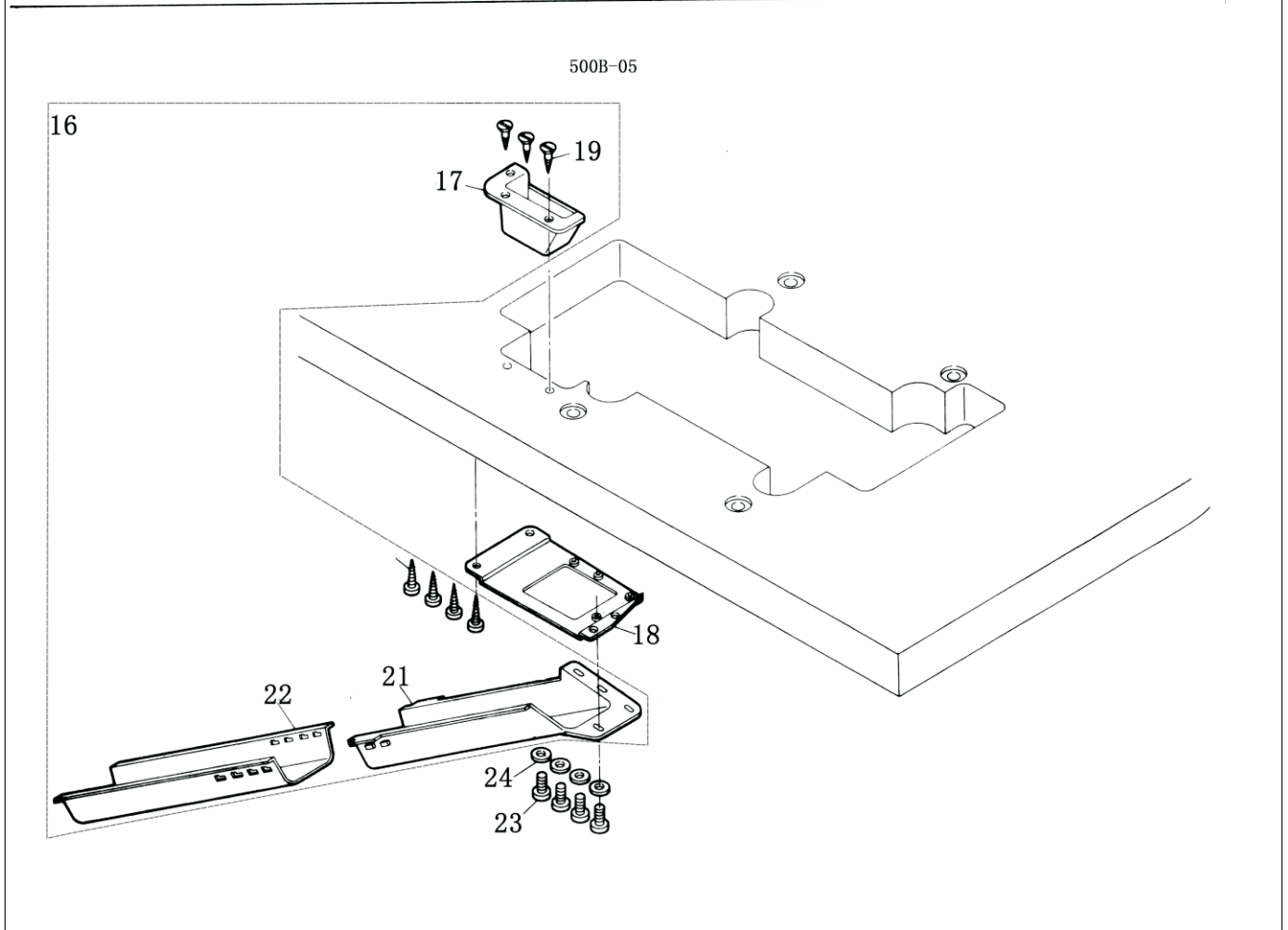
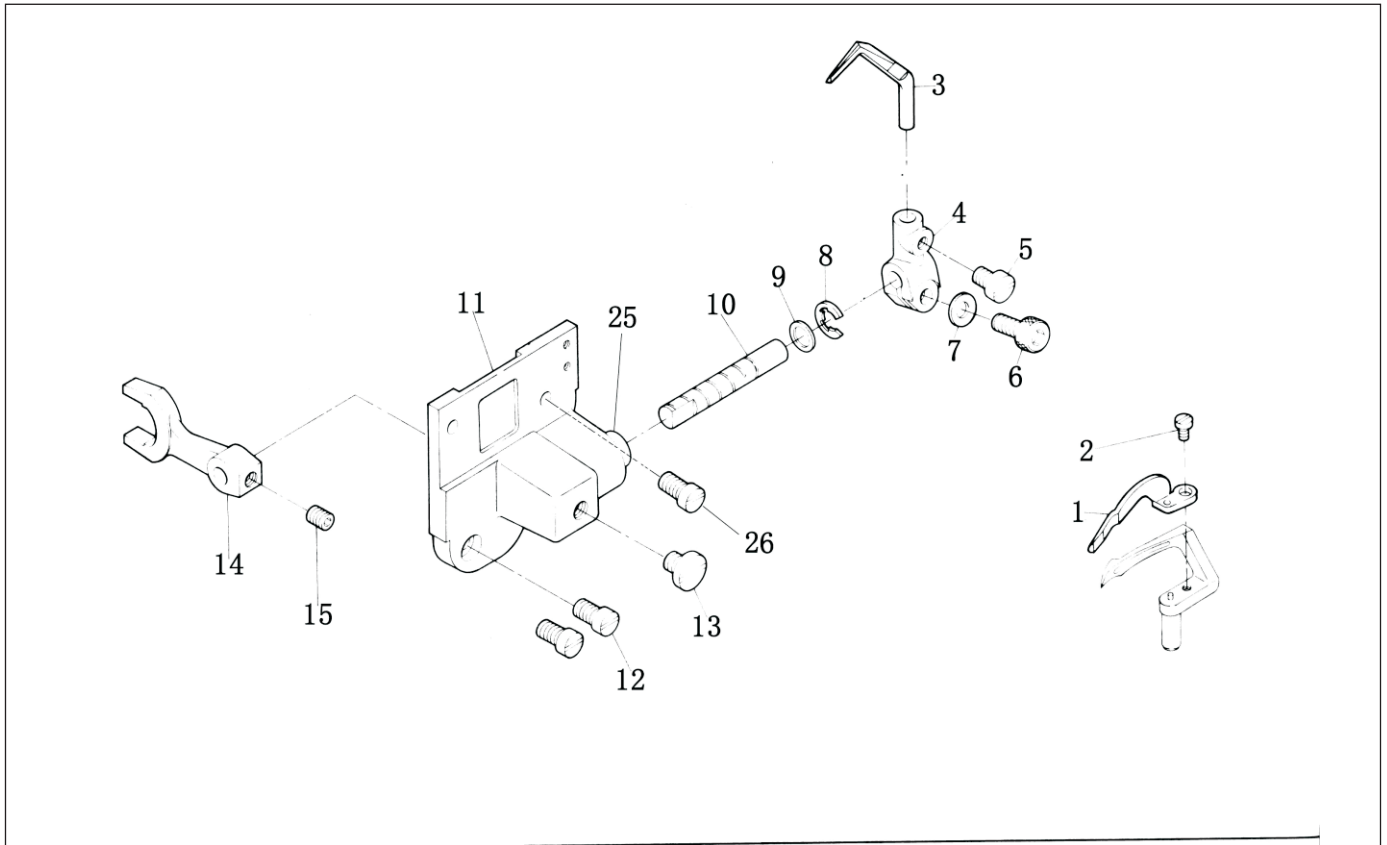
23. 右切刀专用部件(1) LEFT CUTTER SPECIFIC PARTS (1)



23. 右切刀专用部件(1) LEFT CUTTER SPECIFIC PARTS (1)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		311.24-01	缝台上盖	Sewing Plate Uper Cover	1
2		311.24-02	下轴前节	Lower Shaft Forepart	1
3		301.04-01	连杆组件	Looper Lever Complete Asm.	1
4		301.04-04	连杆	Looper Lever Complete	(1)
5		311.24-03-2	螺钉	Screw	(4)
6		311.24-04	曲柄组件	Looper Ball Crank Asm.	1
7		301.04-02	曲柄	Looper Ball Crank	1
8		12-65601422-01	螺钉	Screw	1
9		12-80300442-01	螺钉	Screw	1
10		311.24-05	护指架	Presser Bar Shield	1
11		311.24-06	左侧盖	Frontal Mantle	1
12		301.03-07	铰链	Hinge Board	1
13		301.03-06	螺钉	Hinge Link Screw	1
14		22-05000000-08	弹簧垫片	Spring Washer	2
15		301.02-01	销轴	Hinge Screw	1
16		12-80300412-01	螺钉	Screw	2
17		311.24-12	护料板	Protect Bat	1
18		12-40500625-01	螺钉	Secrew	2
19		21-05310100-02	垫圈	Washer	2
20		311.24-15	前盖	Frontal Mantle	1
21		301.21-03	铰链	Hinge Thread Guide Lath	1
22		301.02-13	螺钉	Long Screw	1
23		22-05000000-08	弹簧垫片	Wave Washer	2
24		12-80500512-01	螺钉	Screw	2
25		12-80500612-01	螺钉	Screw	1
26		301.02-17	孔塞	Shockproof Plug	1
27		311.24-23	塞子	Plug	1
28		311.24-24	轴	Shaft	1
29		311.24-25	弹簧	Spring	1
30		311.24-26	止动片	Stop Stir Piece	1
31		12-40400625-01	螺钉	Screw	2
32		311.24-28	支架	Bar Rock Shaft	1
33		12-40501025-01	螺钉	Screw	1
34		41-1030280000	销	Pin	1
35		311.24-31	前盖 (小)	Frontal Mantle (small)	1
36		301.04-22	叉口	Fork	1
37		22-05000000-08	开口垫圈	Snap Rign	1
38		11-90110820-01	叉口螺钉	Fork Screw	1

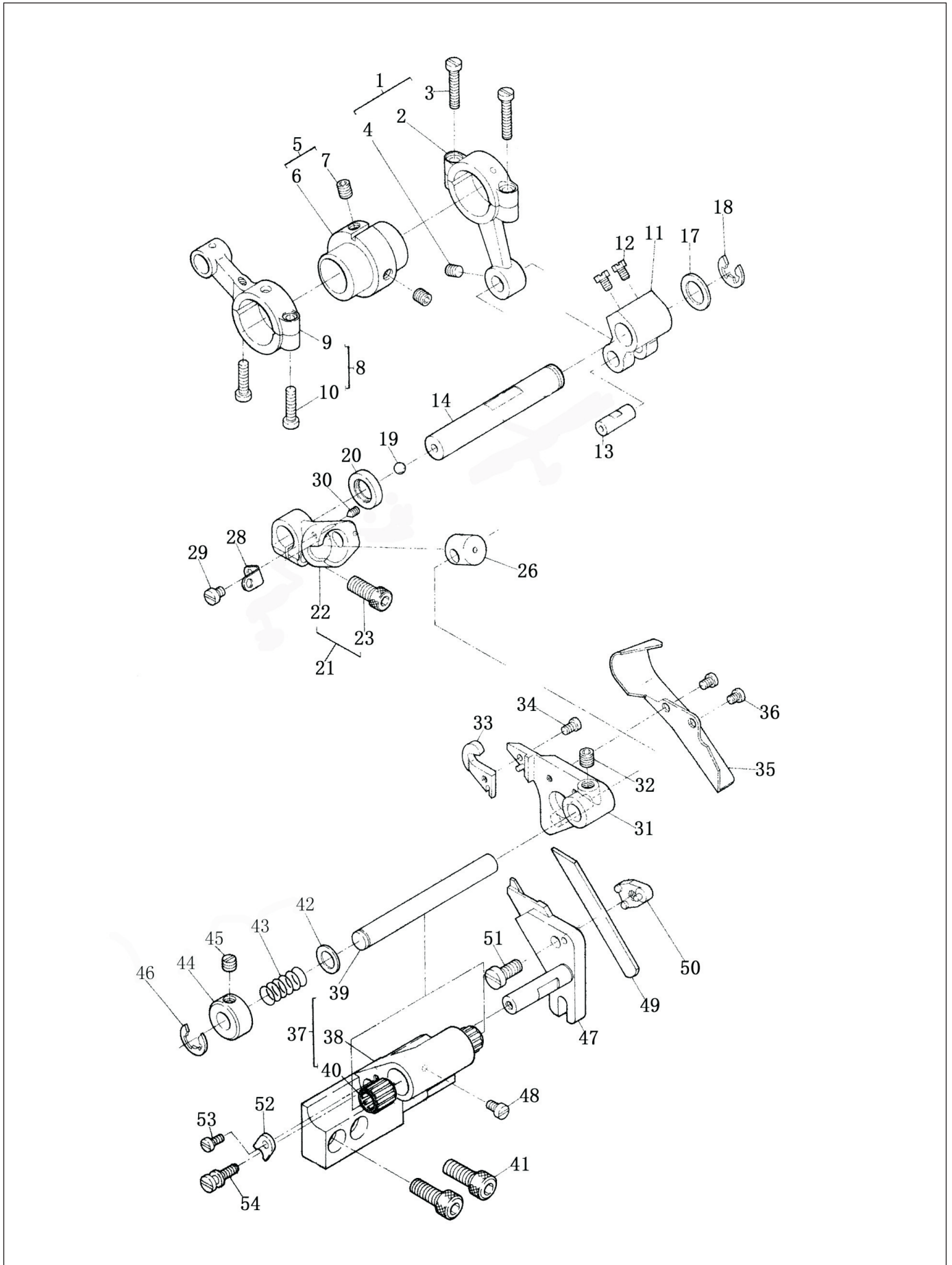
24. 右切刀专用部件(2) LEFT CUTTER SPECIFIC PARTS (2)



24. 右切刀专用部件(2) LEFT CUTTER SPECIFIC PARTS (2)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.07-21	护针 (前)	Front Needle Guard	1
2		12-40250425-01	螺钉	Screw	1
3		301.07-03	护针 (后)	Rear Needle Guard	1
4		311.25-04	杠杆	Hand Lifter Link	1
5		12-40400525-01	螺钉	Screw	1
6		12-60501022-01	螺钉	Screw	1
7		22-05000000-08	弹簧垫片	Washer	1
8		24-05000000-08	卡簧	Retaining Ring	1
9		21-06210101-01	垫圈	Washer	1
10		311.25-10	轴	Shaft	1
11		311.25-11	支架	Bar Rock Shaft	1
12		12-40400825-01	螺钉	Screw	2
13		12-60600420-01	螺钉	Screw	1
14		311.25-14	杠杆	Hand Lifter Link	1
15		12-80500512-01	螺钉	Screw	1
16		311.25-20	废料漏斗组件		1
17		311.25-16	废屑槽	Filler Chute	-1
18		311.25-18	支架	Bar Rock Shaft	1
19		311.25-19	螺钉	Screw	(7)
21		279.11-09	废屑流槽	Filler Chute (upper)	(1)
22		279.11-10	废屑流槽	Filler Chute(lower)	(1)
23		12-40401225-01	螺钉	Screw	4
24		21-04308090-02	垫圈	Washer	4
25		311.25-23	铜套	Copper Bushing	1
26		12-70400820-01	螺钉	Screw	1

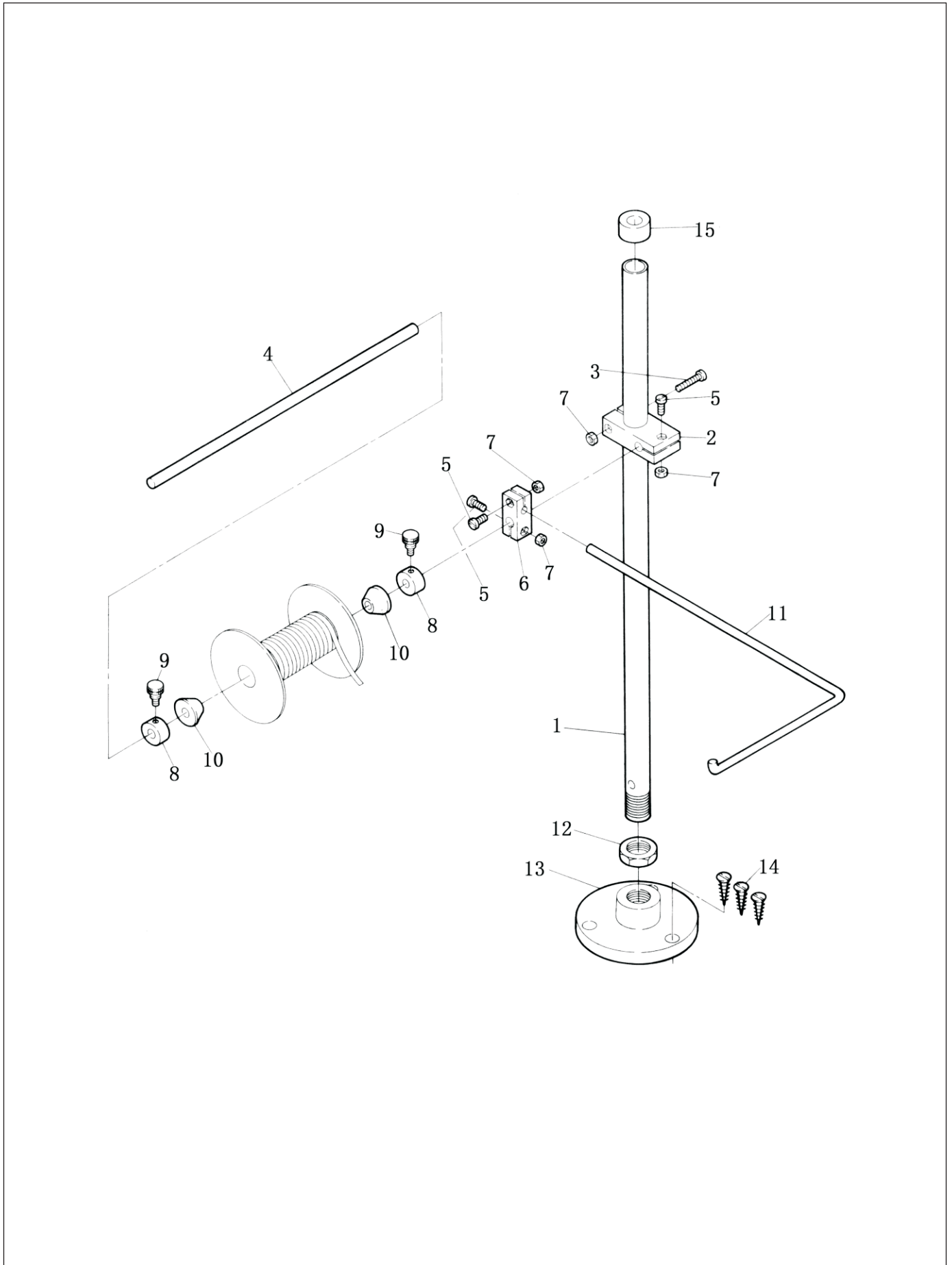
25. 右切刀专用部件(3) LEFT CUTTER SPECIFIC PARTS (3)



25. 右切刀专用部件(3) LEFT CUTTER SPECIFIC PARTS (3)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		301.07-04	连杆组件	Connecting Rod Asm.	1
2		301.07-04	连杆	Connecting Rod	(1)
3		11-40111425-01	螺钉	Screw	(2)
4		12-80400412-01	螺钉	Screw	1
5		311.26-02	偏心轮组件	Eccentric Cam Asm.	1
6		311.26-02-1	偏心轮	Eccentric Cam	1
7		12-80500612-01	螺钉	Screw	2
8		301.08-17	连杆组件	Looper Link Lever Asm.	1
9		301.08-17	连杆	Looper Link Lever	(1)
10		11-40091425-01	螺钉	Screw	(2)
11		301.07-01	曲柄	Needle Guard Crank	1
12		11-90110820-01	螺钉	Screw	2
13		301.07-10	销	Pin	1
14		311.26-07	轴	Shaft	1
17		21-10212142-01	垫圈	Washer	1
18		24-07000000-09	卡簧	Snap Thrust Ring	1
20		32-09430150-09	油封	Oil Seal	1
21		311.26-14	杠杆组件	Hand Lifter Link Asm.	1
22		311.26-14-1	杠杆	Hand Lifter Link	1
23		12-60501622-01	螺钉	Screw	1
26		311.26-17	滑块	Slide Block	1
28		311.26-19	销门	Pin	1
29		12-40300625-01	螺钉	Screw	1
30		12-80300442-01	螺钉	Screw	1
31		311.26-22	上切刀架	Upper Knife Bracket Asm.	1
		311.26-22-01	销	Pin	(1)
32		12-85600512-01	螺钉	Screw	1
33		311.26-24	上切刀	Upper Knife Bracket	1
34		11-60080620-01	螺钉	Screw	1
35		311.26-26	挡屑罩	Ward Off Scraps Cover	1
36		12-60300420-01	螺钉	Screw	2
37		311.26-28	支架组件	Bar Rock Shaft Asm.	1
38		311.26-28-1	支架	Bar Rock Shaft	1
39		311.26-28-2	轴	Shaft	1
40		311.26-28-3	滚针轴承	Needle Bearing	2
41		12-60601422-01	螺钉	Screw	2
42		21-08210162-03	垫圈	Washer	1
43		311.26-31	弹簧	Spring	1
44		301.11-21	紧圈	Thrust Ring	1
45		11-80110410-01	螺钉	Screw	1
46		24-06000000-08	卡簧	Clip Spring	1
47		311.26-35	下切刀架	Knife Bottom Bracket	1
48		12-40400625-01	螺钉	Screw	1
49		209.11-19	下刀片	Knife Bottom	1
50		311.26-38	下刀夹	Knife Bottom	1
51		12-40501025-01	螺钉	Screw	1
52		311.26-40	导向器	Lead Faver Ware	1
53		12-40300625-01	螺钉	Screw	1
54		311.26-42	螺钉	Screw	1

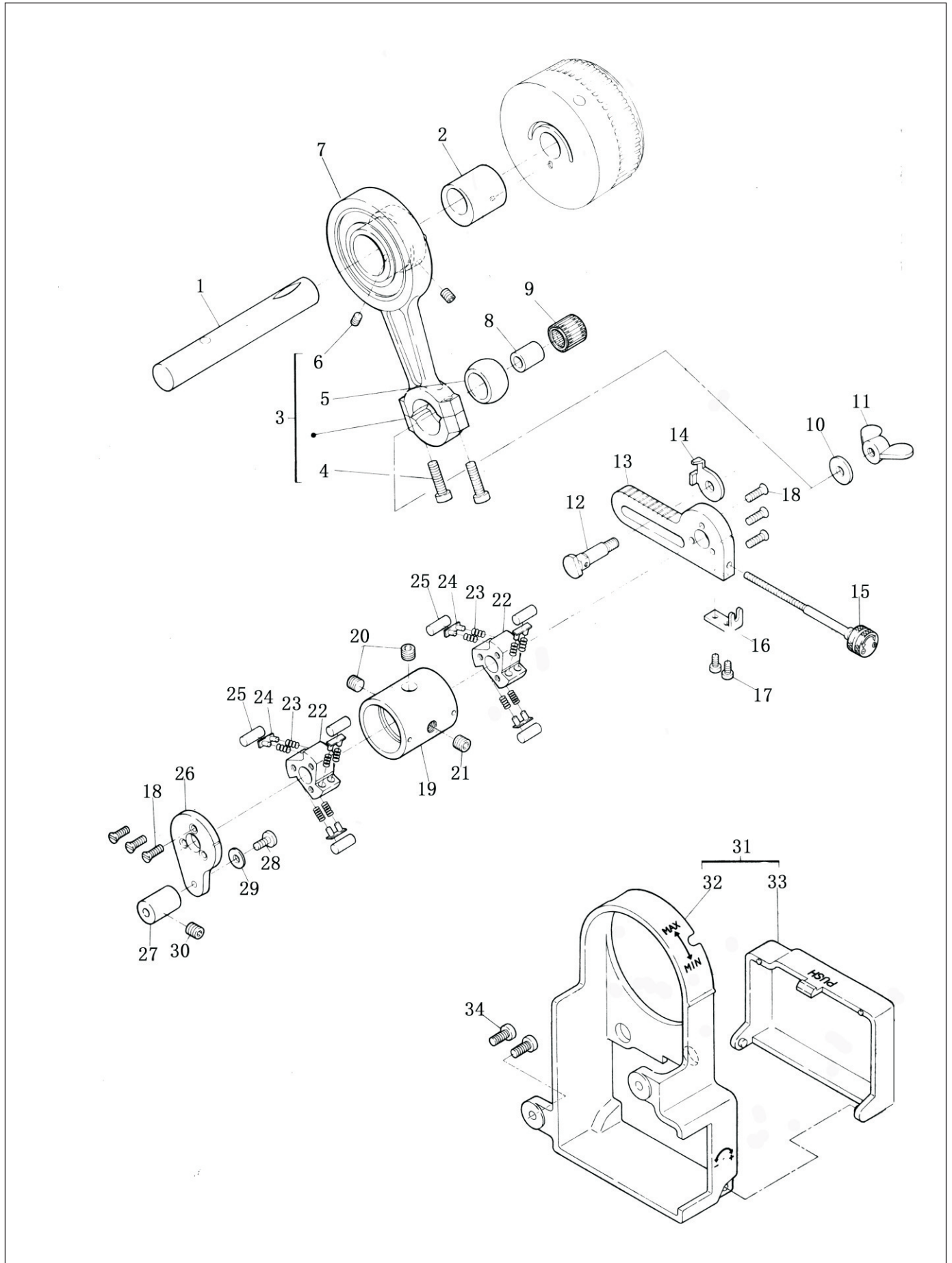
26. 右切刀专用部件(4) LEFT CUTTER SPECIFIC PARTS (4)



26. 右切刀专用部件(4) LEFT CUTTER SPECIFIC PARTS (4)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		311.28-01	杆	Hand Lifter Link	1
2		311.28-02	支架	Bar Rock Shaft	1
3		311.28-03	螺钉	Screw	1
4		311.28-04	棒	Stick	1
5		311.28-05	螺钉	Screw	3
6		311.28-06	固定器	Fixer	1
7		311.28-08	螺母	Nut	4
8		311.28-09	紧圈	Thrust Ring	2
9		311.28-10	螺钉	Screw	2
10		311.28-11	卷轴导向	Reel Lead Favor	2
11		311.28-12	辅助杆	Assistant Perch	1
12		311.28-15	螺母	Nut	1
13		311.28-16	线支架	Line Bar Rock Shaft	1
14		311.28-17	螺钉	Screw	3
15		311.28-18	塑料帽	Plastic Cap	1

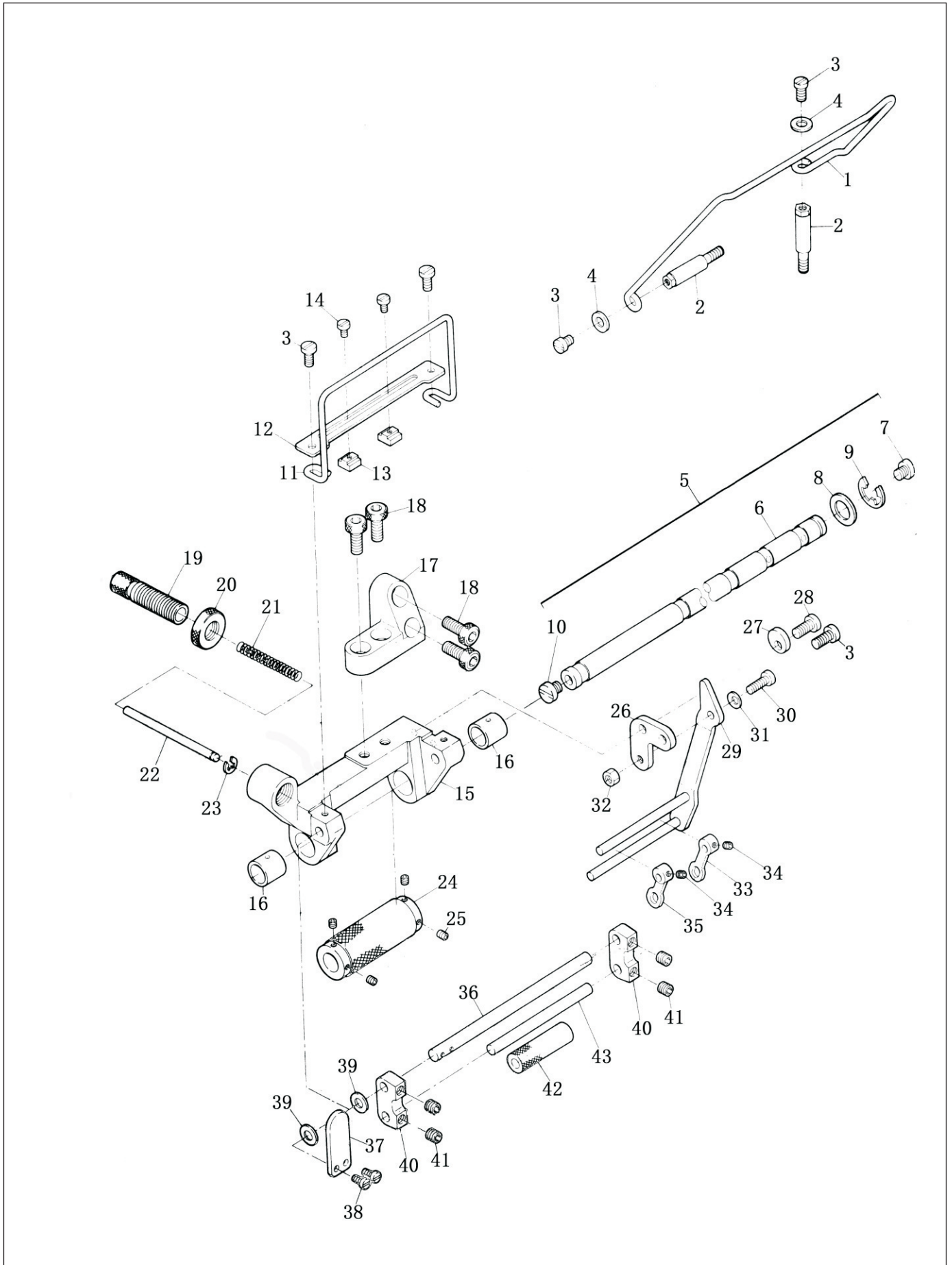
27. 右切刀专用部件(5) LEFT CUTTER SPECIFIC PARTS (5)



27. 右切刀专用部件(5) LEFT CUTTER SPECIFIC PARTS (5)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		311.29-01	上轴后节	Main Shaft Backside	1
2		311.29-02	偏心轮组件	Eccentricity Asm.	1
		311.29-02-1	偏心轮	Eccentricity	1
		311.29-02-2	偏心轮	Eccentricity	1
3		311.29-03	连接组件	Link Asm.	1
		311.29-03-01	轴承	Bearing	1
4		12-40401625-01	螺钉	Screw	(2)
5		311.29-03-2	球轴	Sphere Shaft	1
6		12-80500512-01	螺钉	Screw	2
7		311.29-03-4	连接上盖		(1)
		311.29-03-5	联接连杆		(1)
8		311.29-04	轴套	Bushing	1
9		311.29-05	滚针轴承	Needle Bearing	1
10		21-06215162-03	垫圈	Washer	1
11		311.29-07	螺母	Nut	1
12		311.29-08	销	Pin	1
13		311.29-09	曲柄	Brace	1
14		311.29-10	显示器	Display	1
15		311.29-11	螺钉	Screw	1
16		311.29-12	止动板	Stop Stir Board	1
17		12-40300625-01	螺钉	Screw	2
18		12-10401120-01	螺钉	Screw	6
		311.29-15-00	棘轮组件		1
19		311.29-15	轴套	Bushing	1
20		12-80600812-01	螺钉	Screw	2
21		12-80600812-01	螺钉	Screw	1
22		311.29-18	离合器	Clutch	2
23		311.29-19	弹簧	Spring	12
24		311.29-20	导向板组件	Guide Favor Board	6
25		311.29-21	销	Pin	6
26		311.29-22	止动板	Stop Stir Board	1
27		311.29-24	销	Pin	1
28		11-40110825-01	螺钉	Screw	1
29		21-04508080-01	垫圈	Washer	1
30		12-80500512-01	螺钉	Screw	1
31		311.29-28	盖(组件)	About Asm.	1
32		311.29-28-1	盖	About	1
33		311.29-28-2	盖	About	1
34		12-40401025-01	螺钉	Screw	2

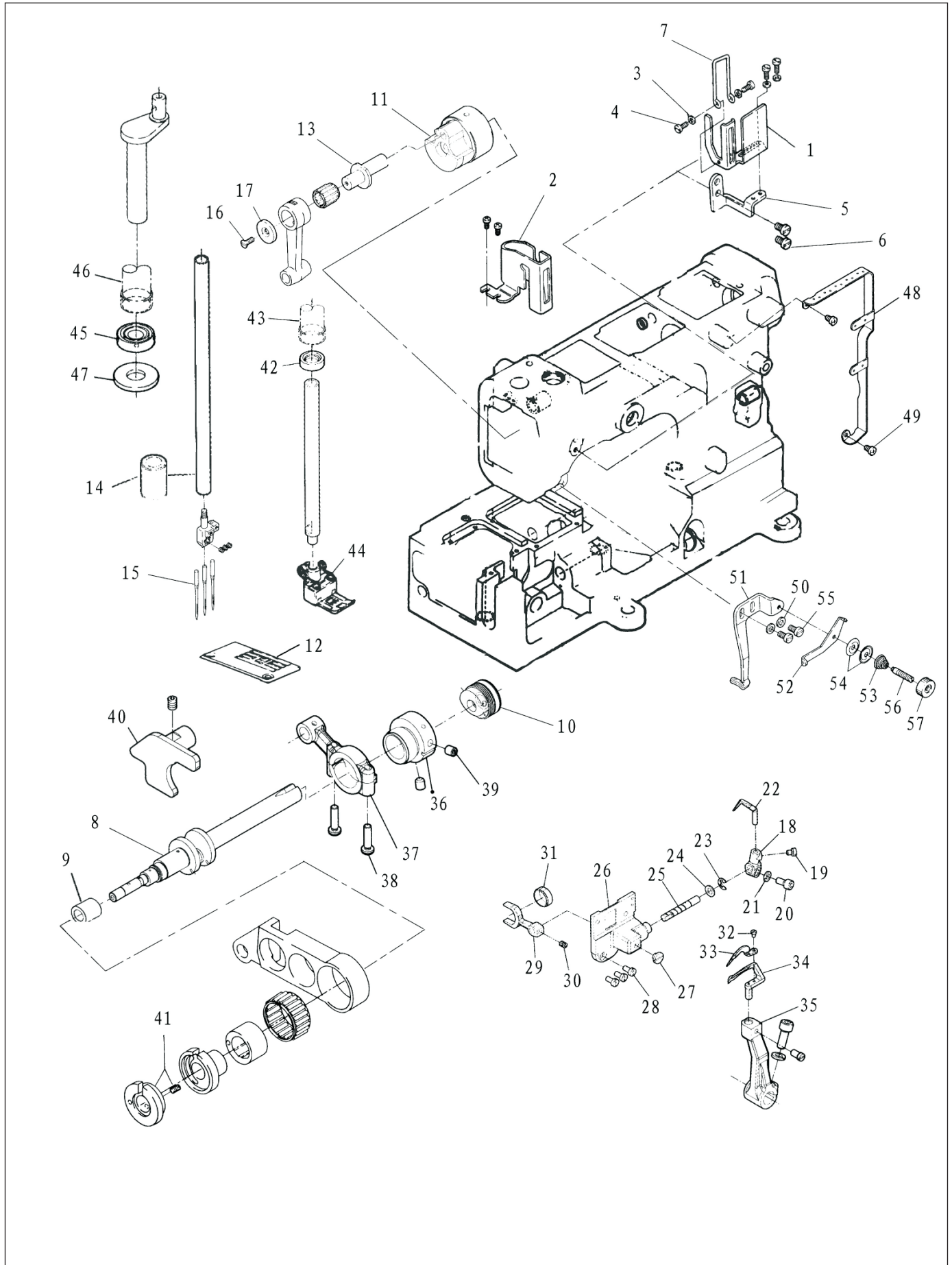
28. 右切刀专用部件(6) LEFT CUTTER SPECIFIC PARTS (6)



28. 右切刀专用部件(6) LEFT CUTTER SPECIFIC PARTS (6)

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		311.30-01	花边导向器	Lace Lead Faver Ware	1
2		311.30-02	螺钉	Screw	2
3		12-40400825-01	螺钉	Screw	5
4		21-05310100-02	垫圈	Washer	2
5		311.30-05-01	轴组件	Shaft Asm.	1
6		311.30-05-1	轴	Shaft	1
7		12-60500520-01	螺钉	Screw	2
8		21-10212142-01	垫圈	Washer	1
9		24-08000000-08	卡簧	Retaining Ring	1
11		311.30-06	花边导向器	Screw	1
12		311.30-07	导向器	Lace Lead Faver Ware	1
13		311.30-09	滑块	Block	2
14		11-70060520-01	螺钉	Screw	2
15		311.30-11	支架	Bar Rock Shaft	1
16		311.30-12	轴套	Bushing	3
17		311.30-13	支架	Bar Rock Shaft	1
18		12-60601422-01	螺钉	Screw	4
19		311.30-16	螺钉	Screw	1
20		311.30-17	调节螺母	Nut	1
21		311.30-18	弹簧	Spring	1
22		311.30-19	轴	Shaft	1
23		24-03000000-08	卡簧	Retaining Ring	1
24		311.30-21	滚柱组件	Roll Mast Asm.	1
25		12-80300412-01	螺钉	Screw	4
26		311.30-23	支架	Bar Rock Shaft	1
27		311.30-24	止动片	Stop Stir Piece	1
28		12-40401025-01	螺钉	Screw	1
29		311.30-27	支架组件	Bar Rock Shaft Asm.	1
		311.30-27-01	托架柄		(1)
		311.30-27-02	托架杆		(2)
30		12-40401225-01	螺栓	Bolt	1
31		23-05003090-09	弹簧垫圈	Washer	1
32		14-60403020-01	螺母	Nut	1
33		311.30-31	花边导向器	Lace Lead Faver Ware	1
34		12-80300312-01	螺钉	Screw	2
35		311.30-33	花边导向器	Lace Lead Faver Ware	1
36		311.30-35	轴	Shaft	1
37		311.30-36	杠杆	Hand Lifter Link	1
38		12-40300625-01	螺钉	Screw	2
39		21-06510120-01	垫圈	Washer	2
40		311.30-39	支架	Bar Rock Shaft	2
41		12-80500512-01	螺钉	Screw	4
42		311.30-41	滚柱	Roll Mast	1
43		311.30-42	轴	Shaft	1
44		31-14818000-09	O形圈	O-ring	1
45		12-80500512-01	前套螺钉	Front Bushing Screw	2
46		311.05-1	带轮		1
47		311.06-1	针板		1
48		311.09-45	差动送布牙		1
49		311.09-46	主动送布牙		1
50		311.11-38	压脚		1

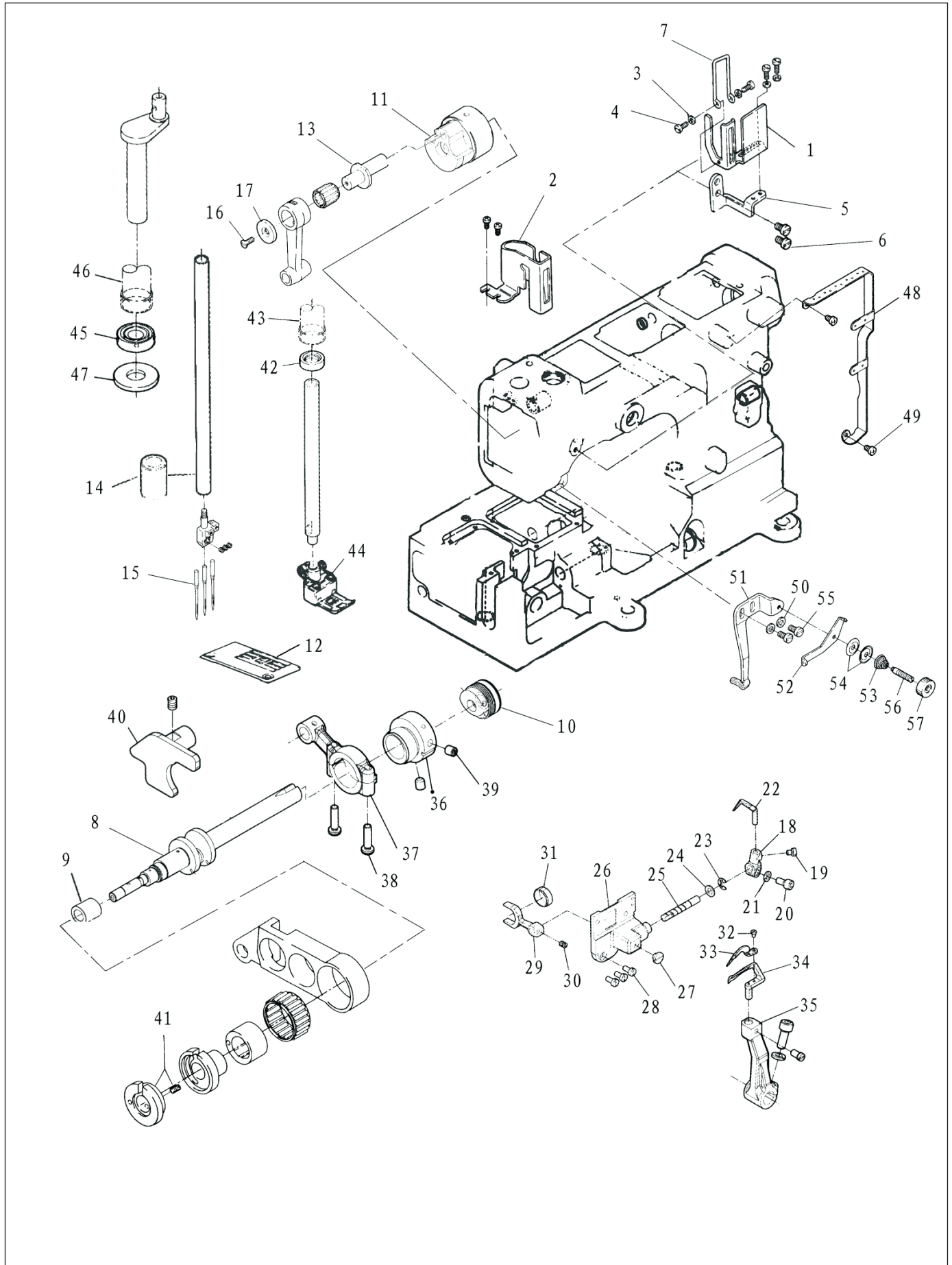
29. 大针距专用部件 BIG NEEDLE GAUGE SPECIFIC PARTS



29. 大针距专用部件 BIG NEEDLE GAUGE SPECIFIC PARTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		340.02-07	挑线防护罩	Threading Cover Spring	1
2		340.02-09	上挑线罩座	Thread Take—up Lever Guard	1
3		21-04308090-02	垫片	Washer	4
4		12-40400625-01	螺钉	Screw	4
5		340.02-34	护板支架	Shield Bracket	1
6		12-40601025-01	螺钉	Screw	2
7		340.02-36	挑线防护罩钢丝	Pick The Line Protection Cover Steel Wire	1
8		340.04-10	下轴前轴节	Lower Shaft Forepart	1
9		343.04-30	下轴前套	Lower Shaft Front Bushing	1
10		343.04-09	下轴前衬套组件	Lower Shaft Front Bushing Asm.	1
		301.19-09	轴承	Berings	1
		343.04-09-02	下轴前衬套	Lower Shaft Front Bushing	1
		31-32014000-09	O型圈	O-ring	2
11		340.05-14	针杆曲柄	Needle Bar Crank	1
12		340.06-02	针板	Needle Plate	1
13		340.06-15	针杆连接销	Needle Bar Connecting Pin	1
14		340.06-18	针杆下套	Needle Bar Lower Bushing	1
15		340.06-24	机针	Needl Uy128gas #12s	3
16		12-10300620-01	螺钉	Screw	1
17		340.06-27	垫片	Washer	1
18		311.25-04	护针座	Needle Guard Base	1
19		12-40400525-01	螺钉	Screw	1
20		12-60501022-01	护针座螺钉	Needle Guard Base Screw	1
21		22-05000000-08	弹性垫圈	Washer	1
22		301.07-03	后护针	Rear Needle Guard	1
23		24-05000000-08	开口挡圈	Snap Thrust Ring	1
24		21-06210101-01	垫圈	Washer	1
25		311.25-10	护针轴	Needle Guard Shaft	1
26		343.07-09	护针轴座组件	Bracket Asm.	1
		311.25-11	支架	Bracket	1
		311.25-23	套筒	Copper Bushing	1
27		12-60600420-01	螺钉	Screw	1
28		12-40400825-01	螺钉	Screw	3
29		343.07-12	护针曲柄	Needle Guard Crank	1
30		12-80500512-01	螺钉	Screw	1
31		343.07-14	护针曲柄滑套	Needle Guard Crank Slippery Set	1
32		12-40250425-01	前护针螺钉	Screw	1
33		301.07-21	前保针	Front Needle Guard	1
34		340.08-02	弯针	Looper	1
35		343.08-03	弯针曲柄	Looper Crank	1
36		343.08-26	偏心凸轮	Eccentricity Cam	1
37		343.08-27	弯针连杆组件	Looper Link Lever Asm.	1
		343.08-27-01	弯针连杆	Looper Link Lever	(1)
38		12-40401625-01	连杆螺钉	Link Lever Screw	(2)
39		12-80500612-01	凸轮螺钉	Cam Screw	3
40		343.09-38	牙架右限位板	Feed Rack Right Stopper Plate	1
41		301.09-15-02	针距调节套组件	Needle Distance Regulator Bushing Asm.	1
		301.09-15	针距调节套	Needle Distance Regulator Bushing	(1)
		340.09-15-02	定位螺钉	Screw	(1)
42		32-08440150-09	油封	Oilfelt	1
43		343.11-12	压紧杆套	Presser Bar Bushing	1

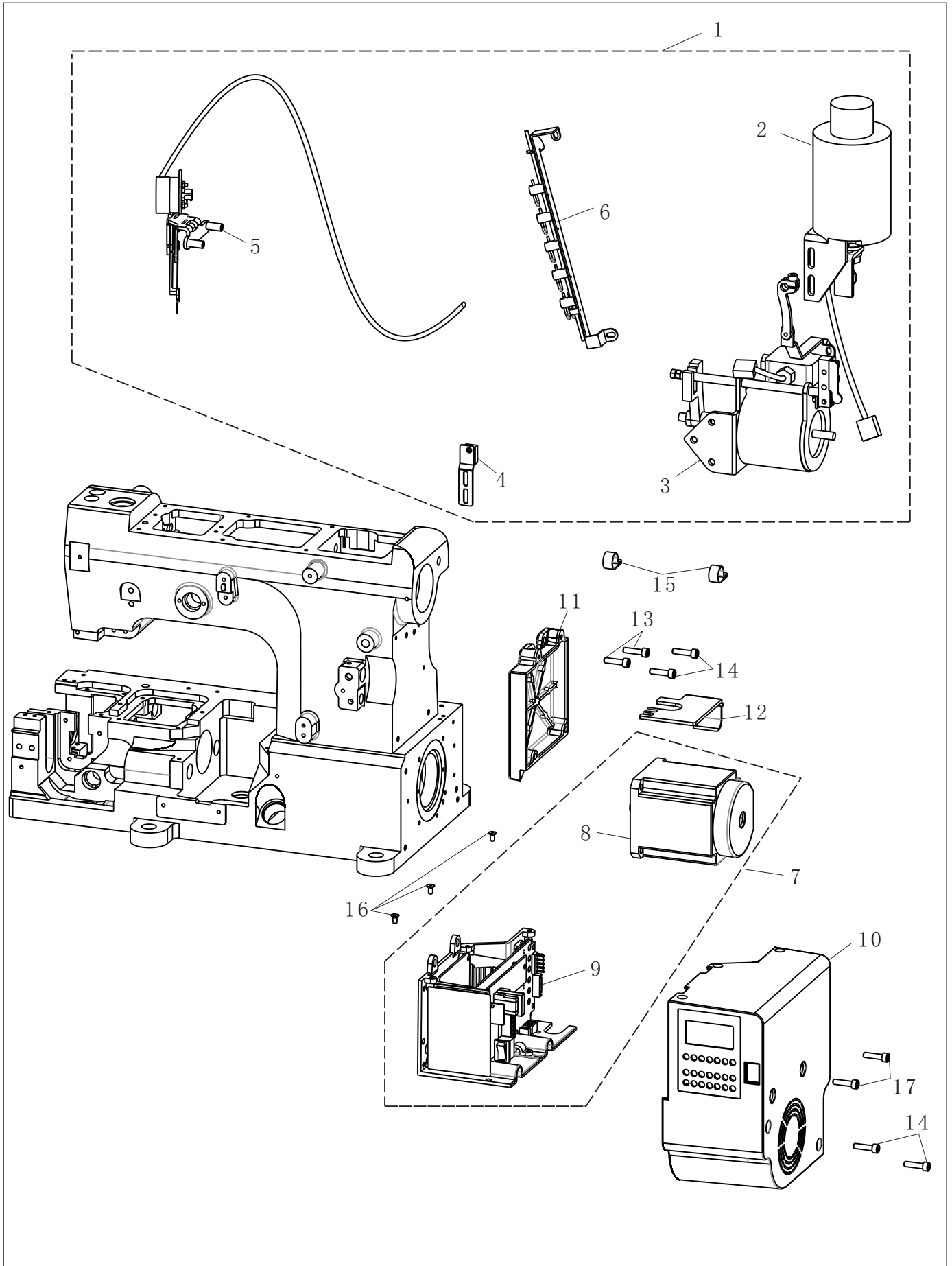
29. 大针距专用部件 BIG NEEDLE GAUGE SPECIFIC PARTS



29. 大针距专用部件 BIG NEEDLE GAUGE SPECIFIC PARTS

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
44		340.11-38	压脚组件	Presser Foot Asm	1
		340.11-38-01	压脚扭簧（右）		(1)
		340.11-38-02	压脚		(1)
		340.11-38-03	压脚压簧		(1)
		340.11-38-04	压脚护板		(2)
		340.11-38-05	螺钉		(1)
		340.11-38-06	压脚滑板		(2)
		340.11-38-07	压脚柄		(1)
		340.11-38-08	压脚扭簧（右）		(1)
		340.11-38-09	圆柱销		(2)
		340.11-38-10	圆柱销		(1)
		340.11-38-11	螺钉		(1)
		340.11-38-12	螺钉		(1)
		340.11-38-13	螺钉		(1)
45		32-09440190-09	油封	Oilfelt	1
46		340.12-14	绷针轴竖套	Stretch Tight Needle Upright Bushing	1
47		21-10220232-03	垫圈	Washer	1
48		340.13-07	过线架	Thread Eyelet Stand	1
49		12-40400525-01	螺钉	Screw	2
50		21-04308090-02	垫圈	Washer	2
51		340.14-05	绷针线下过线板	Lower Thread Guide Plate	1
52		301.14-06	绷针过线板	Thread Guide Plate	1
53		209.19-13	压线簧	Presser Spring	1
54		209.19-12	过线压板	Presser Plate	2
55		12-40400825-01	螺钉	Screw	2
56		209.19-11	夹线螺钉	Screw	1
57		209.19-14	夹线螺母	Nut	1

30. E3专用部件 SPECIFIC PARTS FOR E3



30. E3专用部件 SPECIFIC PARTS FOR E3

序号 NO.	注解 NOTE	图号 REF NO.	名称	DESCRIPTION	数量 AMT
1		359-02-02	自动剪线装置	The Automatic Trimmer Device Asm.	1
2		359-02-02-01	抬压脚电磁铁	Presser Foot Lifter Electromagnet	1
3		359-02-02-02	剪线电磁铁	Under-bed Trimmer Electromagnet	1
4		359-02-02-03	霍尔感应	Hall Sensing	1
5		359-02-02-04	上剪线组件	Top Trimmer	1
6		359-02-02-05	松线器	Thread Releaser	1
7		359-08-11-00	电机电控大组件	Motor Electric Control Asm.	1
8		359-08-11-01	电机	Servo Motor	1
9		359-08-11-02	电控	Servo Control System	1
10		359-03-03	电机罩壳	Motor Housing	1
11		359-03-02	控制板垫块	Motherboard Bracket	1
12		359-03-04	电机罩壳压板	Housing Plate	1
13		12-60501522-01	螺钉M5x15	Screw	2
14		12-60502022-01	螺钉M5x20	Screw	4
15		510-10-09	电缆夹	Cable Clamp	1
16		12-10400920-02	螺钉M4x9	Screw	3
17		12-60503022-01	螺钉M5x30	Screw	2

