
开头语

衷心感谢您购买本公司产品！使用缝纫机之前，请认真阅读此说明书。本说明书介绍了缝纫机日常使用、维护与安全的有关注意事项。请您仔细加以保管，以便日后查阅。如产品规格或外观经过改良可能会与说明书略有不同，恕不另行通知。

PROLOGUE

Thanking you for your purchase our products sincerely, please reading the manual book before operation, the book introduce some points how to operate, maintenance, and safe. Please keep it carefully for reading in the further; you will be not informed if the file has been revised. Please set sample as standard.

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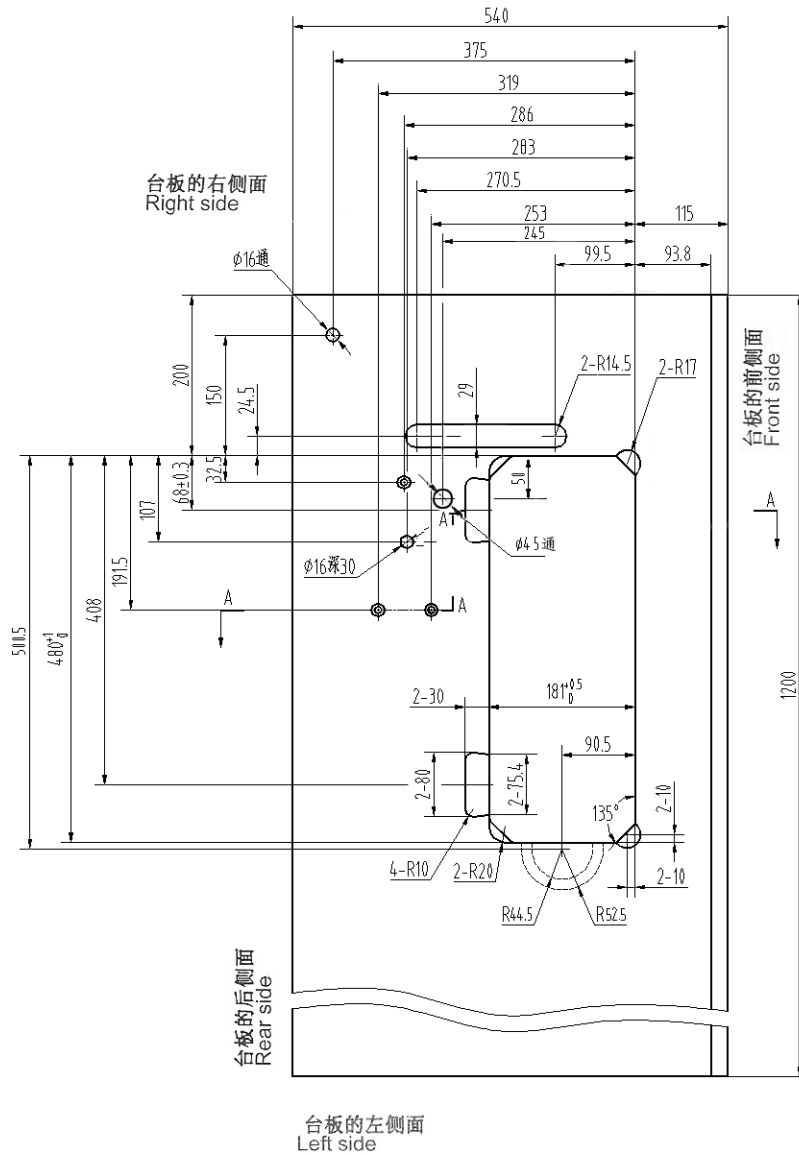
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台板加工图 (外销)

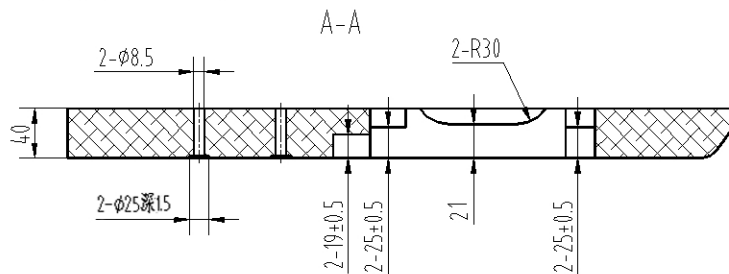
Schematic diagram of the machine table (export)

请参照下图进行台板的加工。

Cut the table referring to the diagram.



标准尺寸
Standard dimension



使用说明

Operation Manual

开车前的注意事项:

BEFORE OPERATION

1. 油盘内未加油绝不能开车。
 2. 机器运转时，从上轮外侧看转向应为逆时针方向。注意，不能倒转。
 3. 在第一月中，不要选用大尺寸的电动机皮带轮。
 4. 确认电动机标牌上标电压及相位是否正确。
1. **Never operate the machine unless its oil pan has been filled with oil.**
 2. **After setting up the machine, check the direction of motor rotation. To check it, turn the handwheel by hand to bring the needle down, and turn the power switch ON while observing the handwheel. (The handwheel should turn counterclockwise as observed from the handwheel side.)**
 3. **Do not use a larger motor pulley for the first one month.**
 4. **Confirm that the voltage and phase (single or 3-phase) are correct by checking them against the ratings shown on the motor nameplate.**

使用注意事项:

OPERATION PRECAUTIONS

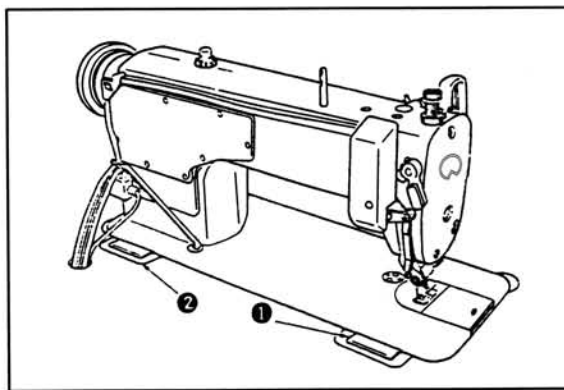
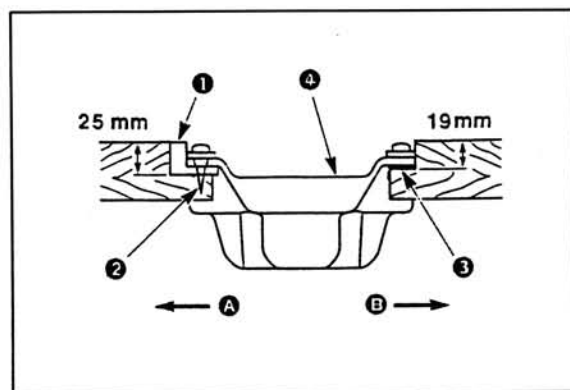
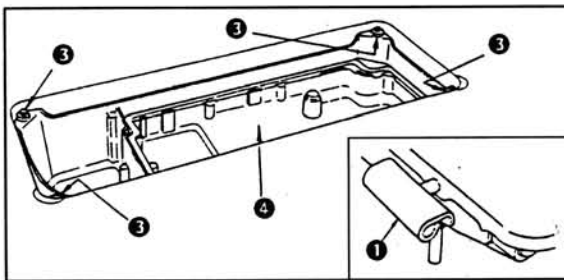
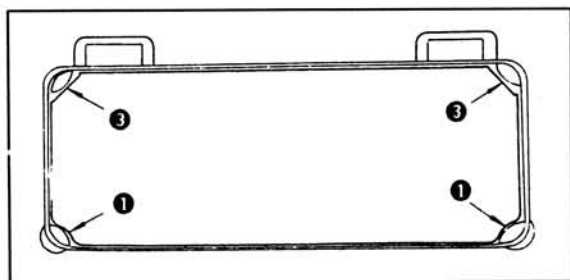
1. 接通电源开关或机器运转时，请勿将手放到针的下部。
 2. 机器运转时，请勿将手指伸入挑线杆护罩内。
 3. 机头翻动及拆三角皮带时，一定要切断电机开关。
 4. 操作者离开机器时，必须切断电源。
 5. 机器运转期间，注意不允许任何人的头或手以及任何东西靠近上轮“V”形皮带、绕线轮和电动机。
 6. 装拆皮带罩、防护罩、或者其它保护装置时，请勿开动机器。
 7. 不要用香蕉水等油漆稀释剂擦洗机头表面。
1. **Keep your hands away from the needle when you turn the power switch ON or while the machine is operating.**
 2. **Do not put your fingers into the thread take-up cover while the machine is operating.**
 3. **Be sure to turn the power switch OFF before tilting the machine head or removing the V belt.**
 4. **When an operator leaves from the machine, make sure to turn off the power.**
 5. **During operation, be careful not to allow your or any other person's head or hands to come close to the handwheel, V belt, bobbin winder or motor. Also, do not place anything close to them. Doing so may be dangerous.**
 6. **If your machine is provided with a belt cover, finger guard or any other protectors, do not operate your machine with any of them removed.**
 7. **Don't clean the face of machine head with thinner.**

1. 规格 / SPECIFICATIONS

	迅利	迅利-H
用途	一般布料、薄料、中厚料	中厚料、厚料
缝纫速度	最高 4,000 rpm	最高 3,500 rpm
最大针脚长度	4 mm	
机针	DB x 1#9 ~ #18 (#14)	DB x 1 #20 ~ #23 (#21)
压脚高度(膝动提升)	10mm(标准) 13mm(最大)	10mm(标准) 13mm(最大)
使用机油	New Defrix Oil No.1 机油	

	SHIRLEY	SHIRLEY-H
Application	General fabrics, light-weight and medium-weight materials	Medium-weight materials, Heavy-weight materials
Sewing speed	Max. 4,000 rpm	Max. 3,500 rpm
Max. Stitch length	4mm	
Needle	DB x 1#9 ~ #18 (#14)	DB x 1 #20 ~ #23 (#21)
Presser foot lift	10 mm (standard) 13 mm (Max.)	10 mm (standard) 13 mm (Max.)
Lubricating oil	New Defrix Oil No.1	
Noise	Workplace-related noise at sewing speed N=4,000 min ⁻¹ : LPA ≤ 83 dB (A) Noise measurement according to DIN 45635-48-A-1	

2. 缝纫机的安装 / INSTALLATION



(1) 底槽的安装

- 1) 把底槽支到机台沟的四角上。
- 2) 用螺钉②把前侧的A 2个头部橡胶支座①钉到机台的伸出部, 再用螺钉②把铰链侧B的2个头部胶垫座③钉好固定, 然后把底槽④放上去。
- 3) 把铰链①放到机台的孔上, 对准台板橡胶支座②, 把头部放到四角的机头胶垫③上。

(1) Installing the under cover

- 1) The oil pan should rest on the four corners of the machine table groove.
- 2) Fix two rubber seats ① on side A (operator's side) using nails ② as illustrated above. Fix two cushion seats ③ on side B (hinged side) using a rubber-based adhesive. Then place oil pan ④ on the fixed seats.
- 3) Fit hinge ① into the opening in the machine bed, and fit the machine head to table rubber hinge ② before placing the machine head on cushions ③ on the four corners.

3. 皮带护罩、绕线装置的安装

INSTALLING THE BELT COVER AND THE BOBBIN WINDER

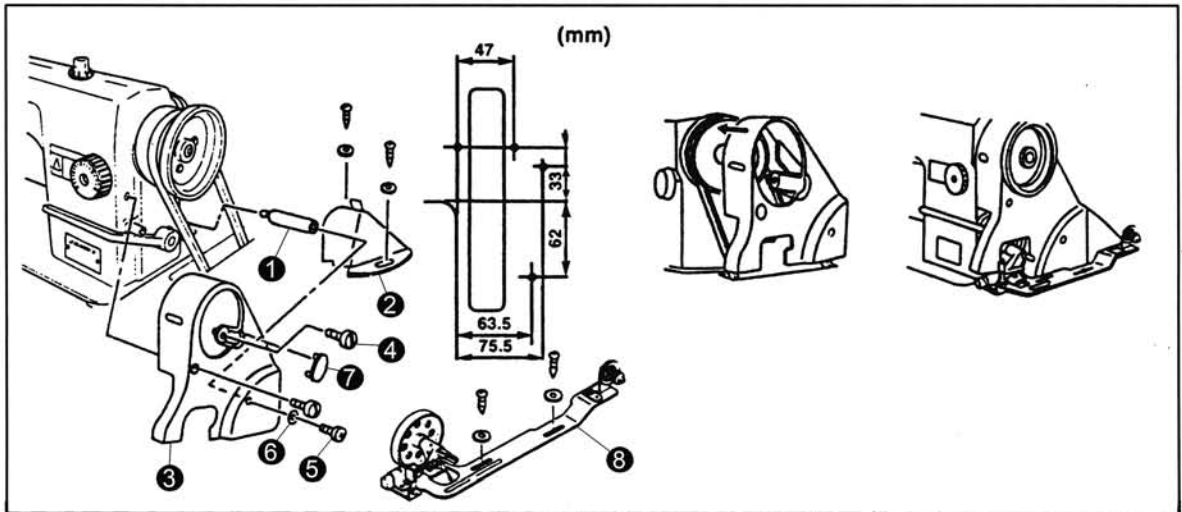


注意:

为了防止意外启动造成的事故, 请关电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



- 1) 在台板上钻四只木螺钉导孔 A、B、C、D。
- 2) 将罩壳支柱①装入机壳的螺孔内。
- 3) 将上轮前罩壳③从后斜方装入, 使上轮套进上轮前罩壳 的孔内。
- 4) 将上轮后罩壳②放置在导孔 C D 上。
- 5) 用螺钉和垫圈④⑤⑥, 将上轮前罩壳固定在车壳上, 此时的螺钉紧固扭矩请控制在螺钉④为 30kg·cm、螺钉⑤为 25kg·cm, 即使紧固扭矩超过以上程度, 也无效果。
- 6) 盖上下轮前罩盖板⑦。
- 7) 将上轮后罩壳②向后方移动, 在上轮后罩壳 的橡胶部分碰到上轮前罩壳③时, 再移动 0.5-1mm, 将其用木螺钉和垫圈固定。
- 8) 用木螺钉将绕线器⑧固定在导孔 A 和 B 上。

- 1) Drill four wooden screw guide holes A, B, C and D in the machine table.
- 2) Insert support ① in the tapped hole in the arm .
- 3) Install the front belt cover ③ , get the hand wheel in the middle of the hole.
- 4) Install the back belt cover ② at C and D.
- 5) Using the screws ④ , ⑤ and washer ⑥ fix the front belt cover ③ on the support the tightening torque for the screw ④ is about 30 kg·cm, for the screw ⑤ is about 25 kg·cm.
- 6) Fix the cover ⑦ .
- 7) Move the back belt cover ② backward until its rubber touches the front belt cover ③ , then move further more 0.5-1 mm, fix it using the wooden screws and washers.
- 8) Fix bobbin winder ⑧ at A and B using the wooden screws.

4. 膝动提升高度的调整 / ADJUSTING THE HEIGHT OF THE KNEE LIFTER

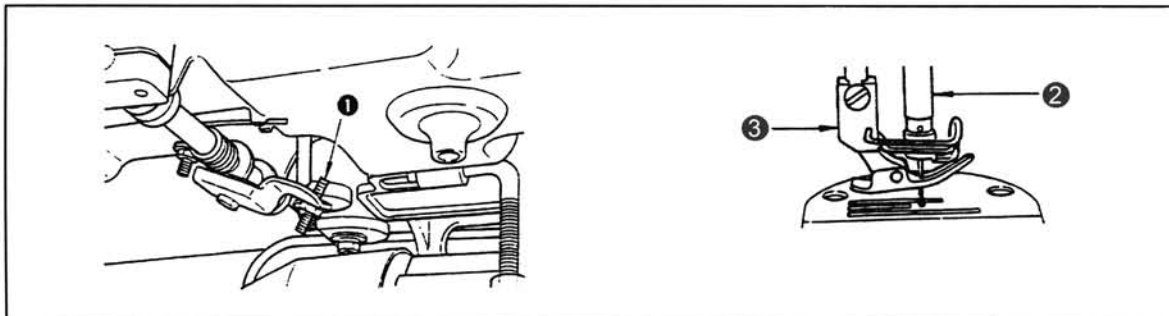


注意:

为了防止意外启动造成的事故, 请关电源后进行。

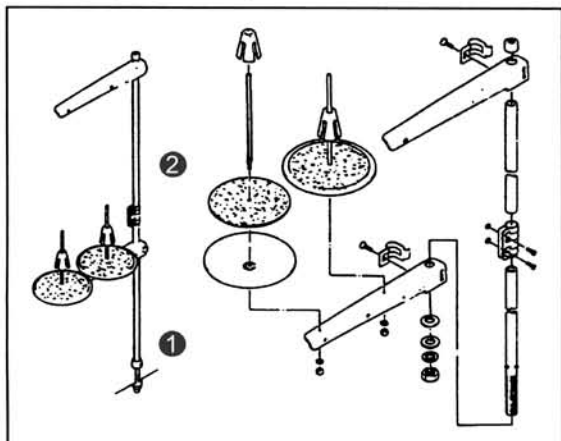
WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



- 1) 膝动提升的压脚标准高度为 10 mm.
 - 2) 调节膝动提升调节螺丝 ① 可以把压脚高度最大调整到 13 mm。(A 型时最大为 9 mm)
 - 3) 压脚提升到 10 mm 以上时, 请注意针杆 ② 的前端下降到最底下时, 不能碰到压脚 ③ 。
- 1) The standard height of the presser foot lifted using the knee lifter is 10 mm.
 - 2) You can adjust the presser foot lift up to 13 mm using knee lifter adjust screw ① (Max.9 mm for A type)
 - 3) When you have adjusted the presser foot lift to over 10 mm, be sure that the bottom end of needle bar ② in its lowest position does not hit presser foot ③ .

5. 线架装置的安装 / INSTALLING THE THREAD STAND



- 1) 如图所示那样把线架安装到台孔上。
- 2) 用固定螺母 ① 固定线架。
- 3) 顶线配线时, 请把电源线从线架杆 ② 中穿过。

- 1) Assemble the thread stand unit, and insert it in the hole in the machine table.
- 2) Tighten locknut ① to fix the thread stand.
- 3) For ceiling wiring, pass the power cord through spool rest rod ②

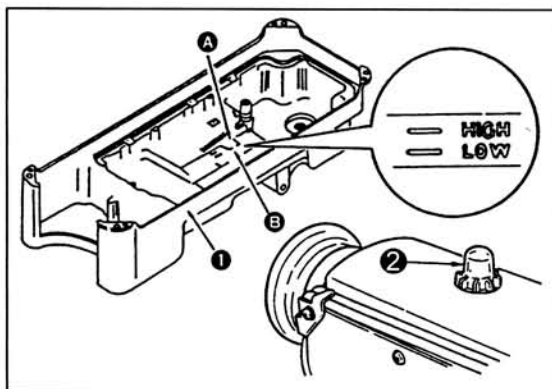
6. 加油 / LUBRICATION



注意：
为了防止意外启动造成的事故，请关电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



运转缝纫机前

- 1) 请把 New Defrix No.1 机油倒进油槽 ① 里，一直加到 HIGH 标记 ① 的位置。
- 2) 油槽的油面降到 LOW 标记 ② 以下时，请再次补充机油。
- 3) 加油后运转缝纫机，如果润滑正常，可以通过油窗 ② 看到油的流动。
- 4) 油流动量的多少，与油量的多少无关。



新缝纫机或较长时间没有使用的缝纫机在使用之前，应进行10分钟2500~3000rpm的磨合运转。



When you first operate your machine after setup or after an extended period of disuse, run your machine at 3,000 to 3,500 rpm. for about 10 minutes for the purpose of break-in.

Information on lubrication

- 1) Fill oil pan ① with NEW Defrix Oil No. 1 up to HIGH mark ①
- 2) When the oil level lowers below LOW mark ② , refill the oil pan with the specified oil.
- 3) When you operate the machine after lubrication, you will see splashing oil through oil sight window ② if the lubrication is adequate.
- 4) Note that the amount of the splashing oil is unrelated to the amount of the lubricating oil.

7. 关于旋梭部油量（迹）调整方法

ADJUSTING THE AMOUNT OF OIL (OIL SPLASHES) IN THE HOOK



注意：

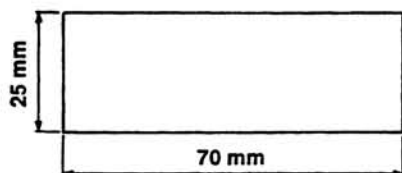
旋梭是以高速运转，为了防治人身事故，调整油量时，请加以充分注意。

WARNING:

Be extremely careful about the operation of the machine since the amount of oil has to be checked by turning the hook at a high speed.

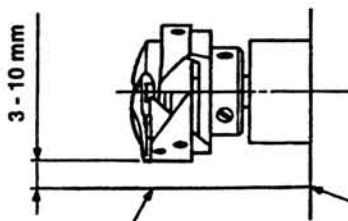
① 油量确认专用纸张

Amount of oil (oil splashes) confirmation paper



② 油量确认位置

Position to confirm the amount of oil (oil splashes)



油量确认专用纸

Oil splashes

Confirmation paper

应顶到接油槽壁

Closely fit the paper
against the wall
Surface of the bed.

*进行下列2) 的作业时，请卸下滑板，同时要充分注意手指不能碰到旋梭。

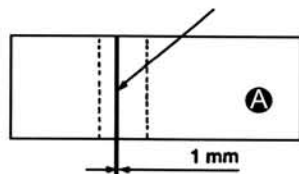
- 1) 冷机头时，请进行3分钟左右的空运转，（适当的断续运转）
- 2) 油量（迹）确认专用纸在缝纫机转动后的状态下插进去。
- 3) 请确认油量的油面高度应在HIGH和LOW的范围之内。
- 4) 请确认油量（迹）所需要的时间为5秒钟。（应看着表）

* When carrying out the procedure described below in 2, remove the slide plate and take extreme caution not to allow your fingers to come in contact with the hook.

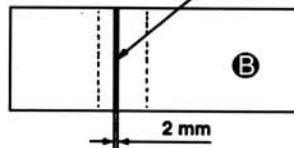
- 1) If the machine has not been sufficiently warmed up for operation, make the machine run idle for approximately three minutes. (Moderate intermittent operation)
- 2) Place the amount of oil (oil splashes) confirmation paper under the hook while the sewing machine is in operation.
- 3) Confirm the height of the oil surface in the oil reservoir is within the range between "HIGH" and "LOW".
- 4) Confirmation of the amount of oil should be completed in five seconds. (Check the period of time with a watch.)

● 油量（迹）适合标准/ Sample showing the appropriate amount of oil

从旋梭飞溅出来的油/ Splashes of oil from the hook



迅利-H : 1 mm



迅利-H : 3 mm

A

油量适量（小）

Appropriate amount of oil (small)

B

油量适量（大）

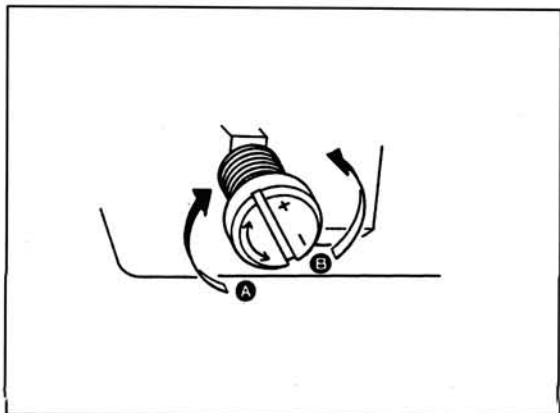
Appropriate amount of oil (large)

- 1) 上页图中标样根据缝制供需需要微调增减，但注意不要过大增加或减少。
(油量过小时，会使旋梭烧热甚至烧坏；油量过多时，会沾污缝制品。)
- 2) 油量(迹)应确认3次(3张)均无变化。

1) The amount of oil shown in the samples on the left should be finely adjusted in accordance with sewing processes. Be careful not to excessively increase/decrease the amount of oil in the hook. (If the amount of oil is too small, the hook will be seized (the hook will be hot). If the amount of oil is too much, the sewing product may be stained with oil.)

2) Adjust the amount of oil in the hook so that the oil amount (oil splashes) should not change while checking the oil amount three times (on the three sheets of paper)

● 旋梭油量调整 / Adjusting the amount of oil (oil spots) in the hook



- 1) 把下轴前端金属部件上的油量调节螺钉向十的方向 (A方向) 转动，油量(迹)变多，向一的方向 (B的方向) 转动，油量变小。
- 2) 油量调节螺钉调整后的油迹，应空转30秒钟左右进行油量(迹)的确认。

1) Turning the oil amount adjustment screw attached on the hook driving shaft front bushing in the "+" direction (in direction A) will increase the amount of oil (oil spots) in the hook, or in the "-" direction (in direction B) will decrease it.

2) After the amount of oil in the hook has been properly adjusted with the oil amount adjustment screw, make the sewing machine run idle for approximately 30 seconds to check the amount of oil in the hook.

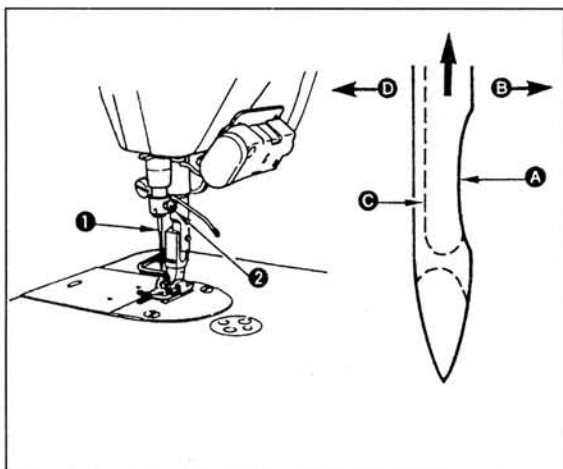
8. ATTACHING THE NEEDLE / 机针的安装



注意：
为了防意外启动造成事故，请关掉电源后进行

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



请使用 DBx1 或 DPx5 的机针。请根据线的粗细、布料的种类选择适当的机针。

- 1) 转动飞轮，把针杆升到最高处。
- 2) 拧松机针固定螺丝②，手拿机针把机针①凹部A横向转到B的方向。
- 3) 把机针插到针杆孔的深处。
- 4) 拧紧机针固定螺丝②。
- 5) 确认针的长孔C在左横向D的方向。

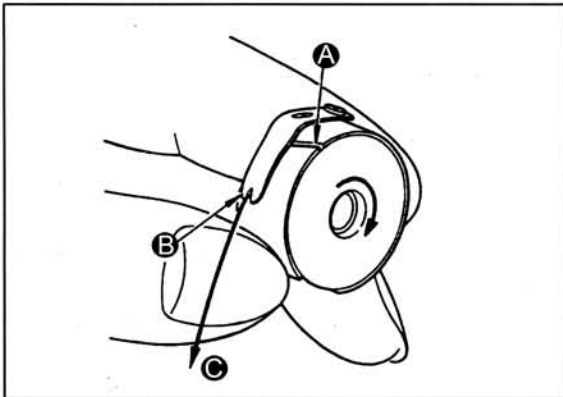
(注意) 使用长丝机线时，如果机针凹部朝向前方，容易发生线环不稳定或断线的现象。使用这类机线时，请把机针稍稍向后倾斜安装，就可以有效地防止这类现象。

A needle of DBx1 or DPx5 should be used. Select a proper needle size according to the count of thread and the type of material used.

- 1) Turn the handwheel until the needle bar reaches the highest point of its stroke.
- 2) Loosen screw ②, and hold needle ① with its indented part A facing exactly to the right in direction B.
- 3) Insert the needle fully into the hole in the needle bar in the direction of the arrow until the end of hole is reached.
- 4) Securely tighten screw ②.
- 5) Check that long groove C of the needle is facing exactly to the left in direction D.

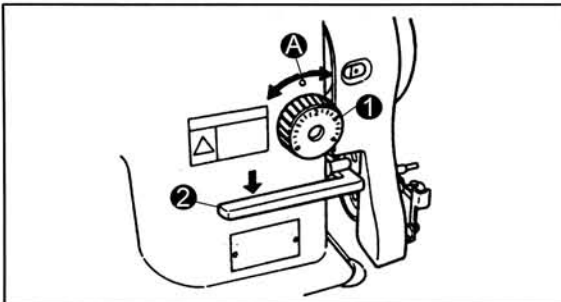
(Caution) When filament thread is used, if the indented part of the needle is tilted toward operator's side, the loop of thread becomes unstable. As a result, hangnail of thread or thread breakage may occur. For the thread that such phenomenon is likely to occur, it is effective to attach the needle with its indented part slightly slanting on the rear side.

9. 梭心的安装方法 / SETTING THE BOBBIN INTO THE BOBBIN CASE



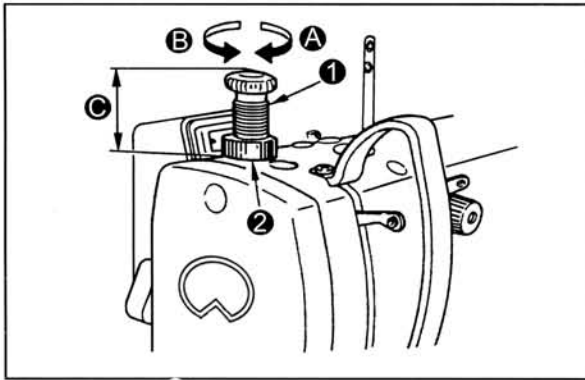
- 1) 把线穿过梭壳的穿线口A,然后把线往B方向拉,从线张力弹簧下面的穿线口B拉出来。
 - 2) 拉底线C,确认梭心是否按箭头方向转动。
- 1) Pass the thread through thread slit A and pull the thread in direction B.
By so doing, the thread will pass under the tension spring and come out from notch B.
 - 2) Check that the bobbin rotates in the direction of the arrow when thread C is pulled.

10. ADJUSTING THE STITCH LENGTH / 缝迹长度的调节



- 1) 沿箭头方向转动送料调节刻度盘①,并把所需的数字对准机臂的刻点A。
 - 2) 刻度盘的数字为mm。
 - 3) 从大往小变更送布刻度时,请向箭头方向按下送布拔杆②的同时转动调节刻度盘①进行调节。
- 1) Turn stitch length dial ① in the direction of the arrow, and align the desired number to marker dot A on the machine arm.
 - 2) The dial calibration is in millimeters.
 - 3) When you want to decrease the stitch length, turn stitch length dial ① while pressing feed lever ② in the direction of the arrow.

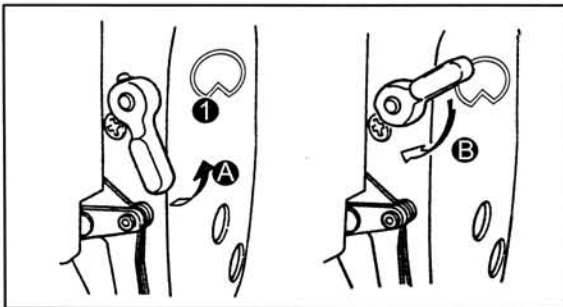
11. 压脚压力的调节 / PRESSER FOOT PRESSURE



- 1) 拧松螺母②，把压脚调节弹簧①向右Ⓐ方向转，压力变强。
- 2) 绕左Ⓑ方向转，压力变弱。
- 3) 调节后，拧紧螺母②。
- 4) 一般布料时，压脚调节螺丝的标准高度Ⓒ为 32-30mm (40-50N {4-5Kg})

- 1) Loosen nut ②. As you turn presser spring regulator ① clockwise (in direction ①), the presser foot pressure will be increased.
- 2) As you turn the presser spring regulator counter-clockwise (in direction ②), the pressure will be decreased.
- 3) After adjustment, tighten nut ②
- 4) For general fabrics, the standard height ③ of the presser spring regulator is 32 to 30mm (40 to 45N {4 to 5Kg}).

12. 关于压脚提升 / HAND LIFTER



- 1) 停车后，将压脚扳手①朝 A 方向转动，使压脚抬起。
- 2) 压脚的抬起量约 5.5 毫米。
- 3) 当压脚扳手①朝 B 方向转动时，压脚将放回原来位置。
- 4) 对膝提压脚而言，压脚的抬起量约为 10 毫米，最大抬起量约为 13 毫米。

- 1) To stop the machine with its presserfoot up, turn hand lifter ① in direction A.
- 2) The presser foot will go up about 5.5 mm and stop.
- 3) The presser foot will go back to its original position when hand lifter ① is turned down in direction B.
- 4) Using the knee lifter, you can get the standard presser foot lift of about 10 mm and a maximum lift of about 13 mm.

13. 压脚高度的调整 / ADJUSTING THE HEIGHT OF THE PRESSER BAR

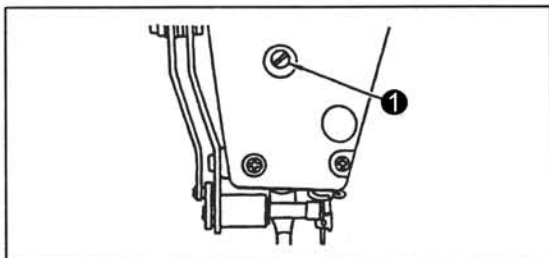
注意：



为了防止意外启动造成事故，请关掉电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



- 1) 变更压脚杆的角度或压脚的角度时，请拧松压脚杆套管固定螺丝 ① 进行调整；
- 2) 调整后拧紧固定螺丝 ①。

- 1) Loosen setscrew ① ,and adjust the presser bar height or the angle of the presser foot.
- 2) After adjustment, securely tighten the setscrew ① .

14. 上线的穿线方法 / THREADING THE MACHINE HEAD

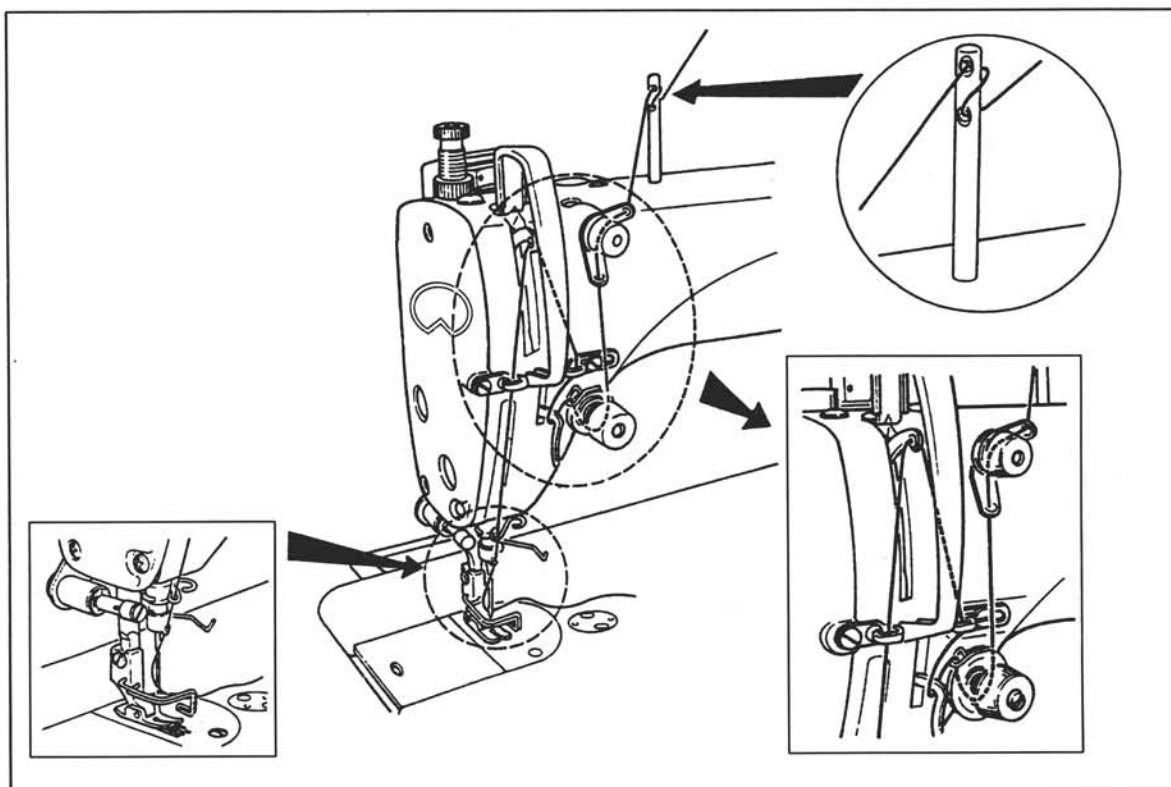
注意：



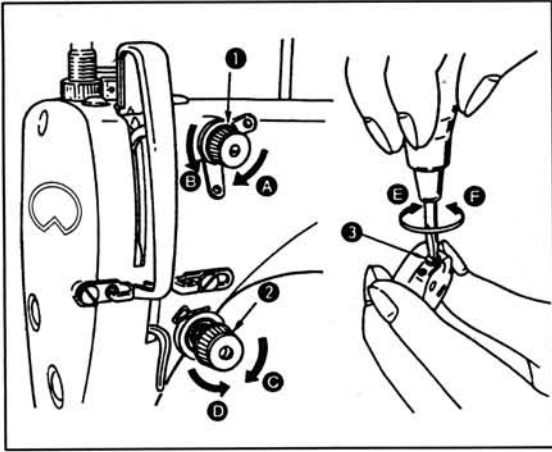
为了防止意外启动造成事故，请关掉电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



15. 线张力器/THREAD TENSION



(1) 上线张力的调整

- 1) 向右 **A** 的方向转动第一线张力螺母 **1**，切线后残留在机针上的线长度变短。
- 2) 向左 **B** 的方向转动，则长度变长。
- 3) 向右 **C** 的方向转动第二线张力螺母 **2**，上线张力变强。
- 4) 向左 **D** 的方向转动，则上线张力变弱。

2) 底线张力的调整

- 1) 向右 **E** 的方向转动线张力螺丝 **3**，底线张力变强。
- 2) 向左 **F** 的方向转动线张力螺丝，则底线张力变弱。

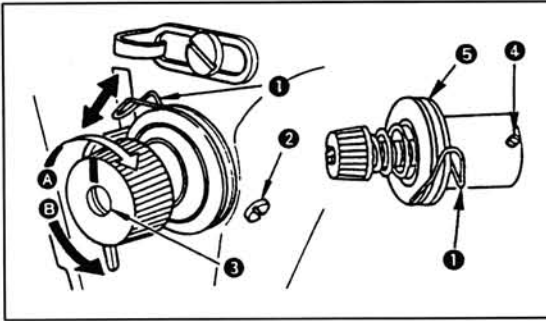
(1) Adjusting the needle thread tension

- 1) As you turn thread tension No.1 nut **1** clockwise (in direction **A**), the thread remaining on the needle after thread trimming will be shorter.
- 2) As you turn nut **1** counterclockwise (in direction **B**), the thread length will be longer.
- 3) As you turn thread tension No.2 nut **2** clockwise (in direction **C**), the needle thread tension will be increased.
- 4) As you turn nut **2** counterclockwise (in direction **D**), the needle thread tension will be decreased.

(2) Adjusting the bobbin thread tension

- 1) As you turn tension adjust screw **3** clockwise (in direction **E**), the bobbin thread tension will be increased.
- 2) As you turn screw **3** counterclockwise (in direction **F**), the bobbin thread tension will be decreased.

16. THREAD TAKE-UP SPRING / 挑线弹簧



(1) 挑线弹簧 **1** 的行程量调整

- 1) 拧松线张力台的固定螺丝 **2**。
- 2) 向右 **A** 的方向转动线张力杆 **3**，则行程量变大。
- 3) 向左 **B** 为了防止布的跑偏，需要提早

(2) 挑线弹簧 **1** 的压力调整

- 1) 拧松固定螺丝 **2**，卸下线张力杆 **5**。
- 2) 拧松线张力杆固定螺丝 **4** 进行调整。
- 3) 向右 **A** 的方向转动线张力杆 **3** 则压力变强。
- 4) 向左 **B** 的方向转动线张力杆 **3** 则压力变弱。

(1) Changing the stroke of thread take-up spring **1**

- 1) Loosen setscrew **2**.
- 2) As you turn tension post **3** clockwise (in direction **A**), the stroke of the thread take-up spring will be increased.
- 3) As you turn the knob counterclockwise (in direction **B**), the stroke will be decreased.

(2) Changing the pressure of thread take-up spring **1**

- 1) Loosen setscrew **2**, and remove thread tension (asm) **5**.
- 2) Loosen setscrew **4**.
- 3) As you turn tension post **3** clockwise (in direction **A**), the pressure will be increased.
- 4) As you turn the post **3** counterclockwise (in direction **B**), the pressure will be decreased.

17. 挑线杆挑线量的调整 / ADJUSTING THE THREAD TAKE-UP STROKE

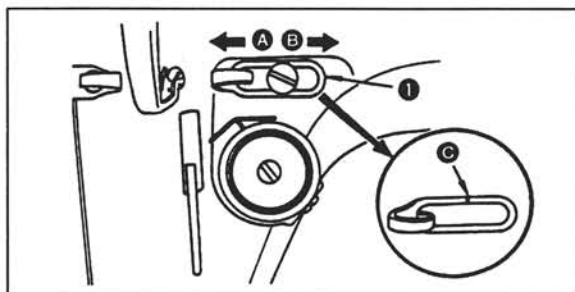


注意:

为了防止意外的起动造成的事故, 请关掉电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



- 1) 缝制厚料时,向左 **A** 的方向移动线导向器 **1**, 则挑线量变多.
 - 2) 缝制薄料时,向右 **B** 的方向移动线导向器 **1**, 则挑线量变少.
 - 3) 线导向器 **1** 在刻线 **C** 对准螺丝的中心时是标准位置.
- 1) When sewing heavy-weight materials, move thread guide **1** to the left (in direction **A**) to increase the length of thread pulled out by the thread take-up.
 - 2) When sewing light-weight materials, move thread guide **1** to the right (in direction **B**) to decrease the length of thread pulled out by the thread take-up.
 - 3) Normally, thread guide **1** is positioned in a way that marker line **C** is aligned with the center of the screw.

18. 机针与旋梭的关系 / NEEDLE-TO-HOOK RELATIONSHIP

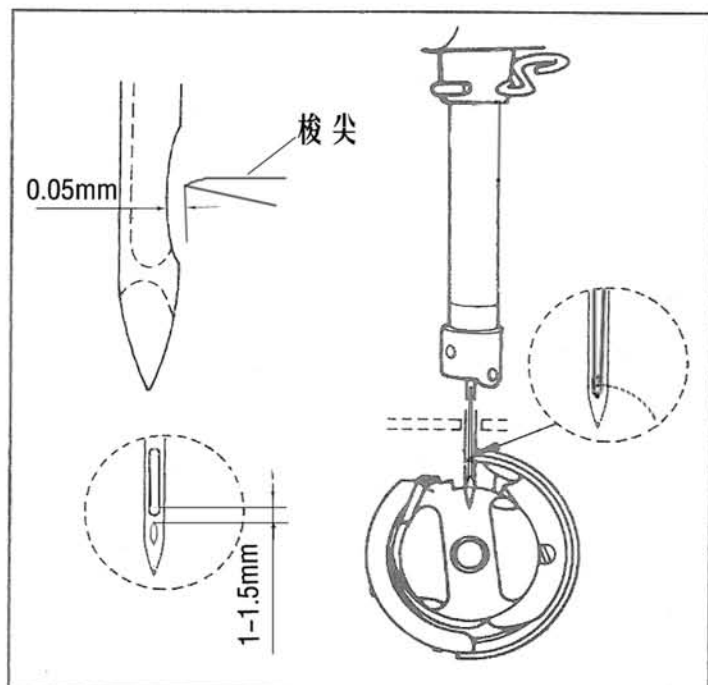


注意:

为了防止意外的起动造成的事故, 请关掉电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



1. 针与旋梭的关系应配合如下:

1) 转动上轮, 使针杆位于最低点, 再旋松针杆连接柱定位螺钉。

* 针杆高度的确定

2) 拉动针杆, 水平透过内梭内边缘可看到针孔有 1/2 下露 (机针必须安装到位)。机针埋线槽朝左, 然后旋紧针杆连接柱螺钉。

* 旋梭位置的确定

3) 先将旋梭梭尖朝上, 转动皮带轮针杆从最低点回升时, 观察旋梭与机针配合关系。当旋梭梭尖位于机针孔边上端 1-1.5mm 时且梭尖平面距机针短槽平面 0.05mm 时 (保证梭尖位于机针的中心线部位), 旋紧旋梭螺钉。



注意

若间隙太小, 会磨损梭尖, 若间隙太大, 则会引起跳针。

旋梭原来用什么型号, 调换后, 也请使用原来的型号;

更换机针后注意机针必须安装到位且类型相同。如不同类型机针须检查配合关系。

1. Adjust the timing between the needle and the hook as follows:

1) Turn the handwheel to bring the needle bar down to the lowest point of its stroke, and loosen setscrew.

* Adjusting the needle bar height

2) Pull the needle bar, you can see the Pinhole basset 1/2 level through edge of inside hook (needle must be position) . Turn needle cover wire slot left, then tighten setscrew.

* Adjusting position a of the hook

3) First move the point of hook in the direction, when running strap pulley needle bar risen from the lowest, Observe cooperate relation of the hook and needle. When hook point above Pinhole about top of 1mm to 1.5mm and when plane of the hook point from plane of needle short bar 0.05mm (keep the align hook blade point with the center of needle), tighten the hook setscrews.



*** Precaution**

If the clearance is too small, the tip of the hook will be abraded. If it is too big, it will lead to skip over.

*** Note that the type of hook to be substituted for, when replacing the hook, shall be in conformity with the very type of the hook installed in the sewing machine of original assemblage.**

After replacing the needle, the needle must be same type and install right position. If the needle is different type need check Match with relation.

19. 送布牙的高度 / HEIGHT OF THE FEED DOG

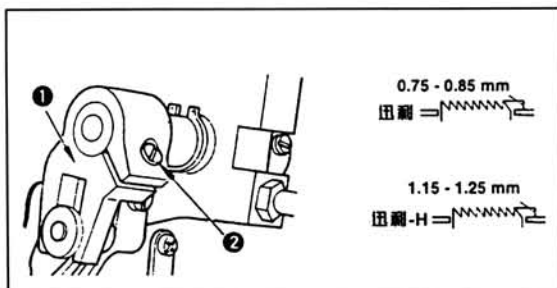


注意：

为了防止意外启动造成事故，请关掉电源后进行！

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



调节送布牙的高度时

- (1) 拧松上送布抬牙叉 ① 的紧固螺丝 ② 。
- (2) 上下移动送布台进行调节。
- (3) 拧紧固定螺丝 ② 。



注意 紧固压力过弱的话，抬牙叉部的动作则变得不灵活了。

To adjust the height for the feed dog:

- (1) Loosen screw ② of crank ① .
- (2) Move the feed bar up or down to make adjustment.
- (3) Securely tighten screw ② .



If the calmping pressure is insufficient, the motion of the forked portion becomes heavy.

20. 送布牙的倾斜 / TILT OF THE FEED DOG

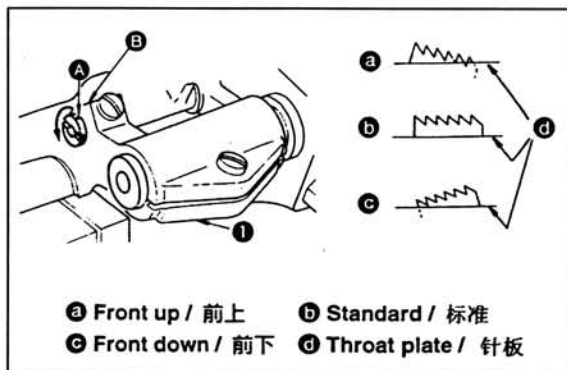


注意：

为了防止意外启动造成的事故，请关电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



1) 标准倾斜（水平）度是送布台轴的刻点 A 和送布台曲柄 ① 的 B 部一致的位置。（迅利-H 的标准是对 B 部呈90度水平送布面向轴侧的位置）

2) 为了防止缝制皱褶，向前抬起送布时，请拧送固定螺钉，把螺丝刀插入送布台轴，然后沿箭头方向转90度。

3) 为了减少送布偏斜，向前下降送布牙时，请沿与箭头方向相反方向转90度。（这是迅利-H 的标准位置）

a Front up / 前上

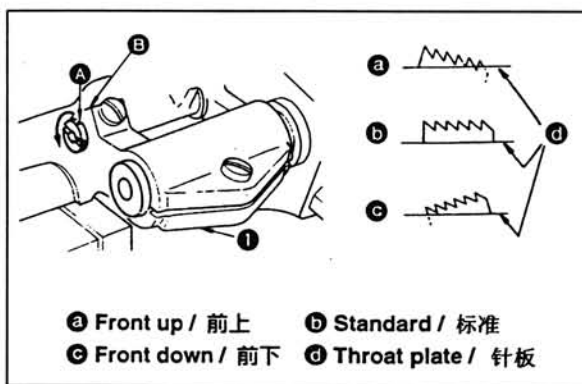
b Standard / 标准

c Front down / 前下

d Throat plate / 针板



注意了送布牙之后，送布齿的高度会有变化，请再次确认



- 1) The standard tilt (horizontal) of the feed dog is obtained when marker dot (A) on the feed bar shaft is aligned with marker dot (D) on feed rocker (1). (JK-迅翻-H), the marker dot (D) inclines forward the feed rocker shaft by 90°, as standard).
- 2) To tilt the feed dog with its front up in order to prevent puckering, loosen the setscrew, and turn the feed bar shaft 90° in the direction of the arrow, using a screwdriver.
- 3) To tilt the feed dog with its front down in order to prevent uneven material feed, turn the feed bar shaft 90° in the opposite direction from the arrow. (The standard tilt for JK-迅翻-H)



Whenever the feed dog tilt is adjusted, the feed dog height will be changed. So, it is necessary to check the height after tilt adjustment.

21. 送布相位的调整/ADJUSTING THE FEED TIMING



注意：
为了防止意外启动造成的事故，请关电源后进行。

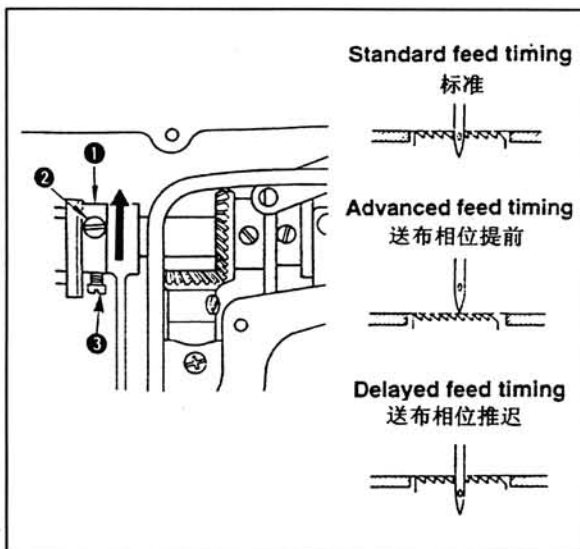
WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine.

- 1) 拧松送布偏心凸轮 (1) 的固定螺丝 (2) (3)，朝箭头方向或反箭头方向移动送布偏心凸轮，然后拧紧固定螺丝。
- 2) 标准调节位置是送布牙从针板下落时，送布牙上面与针孔上端对准针板上面的位置。
- 3) 提早送布相位以防止布偏斜时，请向箭头方向移动送布偏心凸轮。
- 4) 为了良好的紧线而推迟相位时，请逆箭头方向移动偏心凸轮。



注意 移动距离过大会发生断针故障。



- 1) Loosen screws (2) and (3) in feed eccentric cam (1), move the feed eccentric cam in the direction of the arrow or opposite direction of the arrow, and firmly tighten the screws.
- 2) For the standard adjustment, adjust so that the top surface of feed dog and the top end of needle eyelet are flush with the top surface of throat plate when the feed dog descends below the throat plate.
- 3) To advance the feed timing in order to prevent uneven material feed, move the feed eccentric cam in the direction of the arrow.
- 4) To delay the feed timing in order to increase stitch tightness, move the feed eccentric cam in the opposite direction from the arrow.



Be careful not to move the feed eccentric cam too far, or else needle breakage may result.

22. 机针停止位置的调整/ ADJUSTING THE NEEDLE STOP POSITION



注意:

为了防止意外启动造成的事故, 请关电源后进行。

WARNING:

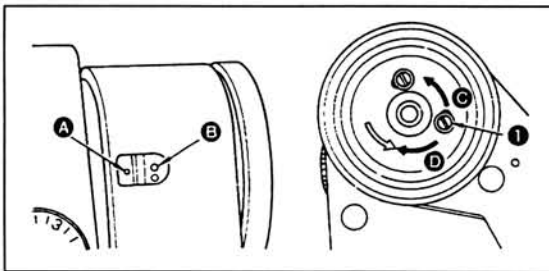
Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .

(1) 切线后的停止位置

- 1) 标准的机针停止位置示机架的刻点 **A** 和飞轮的白刻点 **B** 对齐的位置。
- 2) 让机针上升到上停止位置, 拧松螺丝 **1**, 在长孔范围进行调节。
 - ① 向 **C** 的方向移动机针停止提前。
 - ② 向 **D** 的方向移动机针停止推迟。



拧送螺钉 **2** 的状态下, 请不要转动缝纫机, 此螺钉只能拧松而部能拧下来!



(1) Stop position after thread trimming

- 1) The standard needle stop position is obtained by aligning red marker dot **A** on the machine arm with white marker dot **B** on the handwheel.
- 2) Stop the needle in its highest position, and loosen screw **1** to perform adjustment within the slot of the screw.
 - ① The needle stop timing is advanced if you move the screw in direction **C**.
 - ② The needle stop timing is delayed if you move the screw in direction **D**.



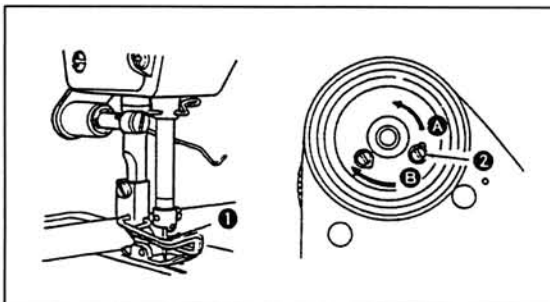
Do not operate the machine with screw **1 loosened. Just loosen the screw, and do not remove it.**

(2) 下停止位置

- 1) 踏板从前踩踏变为中立时的机针下停止位置与上停止同样, 让机针 **1** 下停止之后拧紧螺丝 **2**, 在长孔范围内进行调整, 向 **A** 方向移动机针停止位置提前, 向 **B** 方向移动机针停止位置推迟。



拧送螺钉 **2** 的状态下, 请不要转动缝纫机, 此螺钉只能拧松而部能拧下来!



(2) Lower stop position

- 1) The lower needle stop position when the pedal is returned to the neutral position after the front part of the pedal is depressed can be adjusted as follows : Stop needle **1** in its lowest position, loosen screw **2**, and make adjustment within the slot of the screw .Moving the screw in direction **A** advances the needle stop timing. Moving the screw in direction **B** delays the timing.



Do not operate the machine with screw **2 loosened. Just loosen the screw, and do not remove it.**

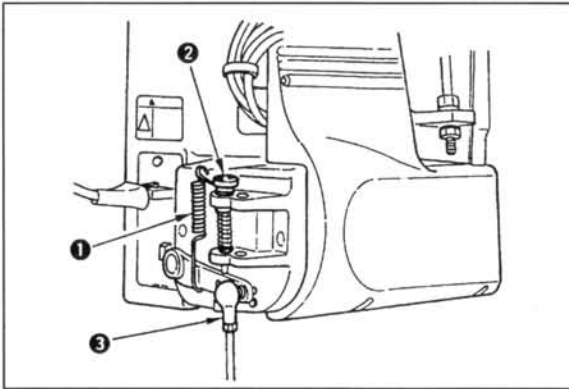
23. 踏板压力和行程/ PEDAL PRESSURE AND PEDAL STROKE



注意：
为了防止意外启动造成的事故，请关电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



(1) 踏板踩踏压力的调整

- 1) 换成前踩踏弹簧①可以调整。
- 2) 把弹簧挂到左侧之后，压力变轻。
- 3) 挂到右侧之后变重。

(2) 踏板回踩力的调整

- 1) 用踏板回踩压力调节弹簧②可以调整。
- 2) 拧进调节螺丝则压力变大。
- 3) 拧松调节螺丝则压力变小。

(3) 踏板踩踏行程的调整

- 1) 把连接杆③插到右侧的孔里之后行程变大。

(1) Adjusting the pressure required to depress the front part of the pedal

- 1) This pressure can be changed by changing the mounting position of pedaling pressure adjust spring ① .
- 2) The pressure decreases when you hook the spring on the left side.
- 3) The pressure increases when you hook the spring on the right side.

(2) Adjusting the pressure required to depress the back part of the pedal

- 1) This pressure can be adjusted using regulator screw ② .
- 2) The pressure increases as you turn the regulator screw in.
- 3) The pressure decreases as you turn the screw out.

(3) Adjusting the pedal stroke

- 1) The pedal stroke increases when you insert connecting rod ③ into the right hole

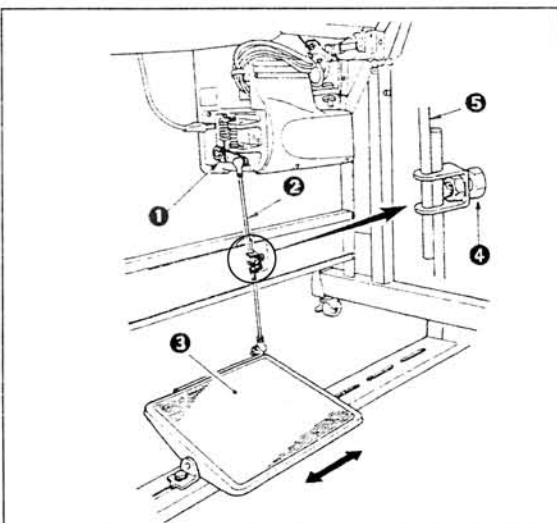
24. 踏板的调整/ ADJUSTMENT OF THE PEDAL



注意：
为了防止意外启动造成的事故，请关电源后进行。

WARNING:

Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



(1) 连接杆的安装

- 1) 向箭头方向移动踏板调节板③，让踏板拨杆①和连接杆②呈一直线。

(2) 踏板的角度

- 1) 调节连接杆的长度就可以自由地改变踏板的倾斜度。
- 2) 拧松调节螺丝④，拉出插入连接杆⑤进行调整。

(1) Installing the connecting rod

- 1) Move pedal ③ to the right or left as illustrated by the arrow so that motor control lever ① and connecting rod ② are straightened.

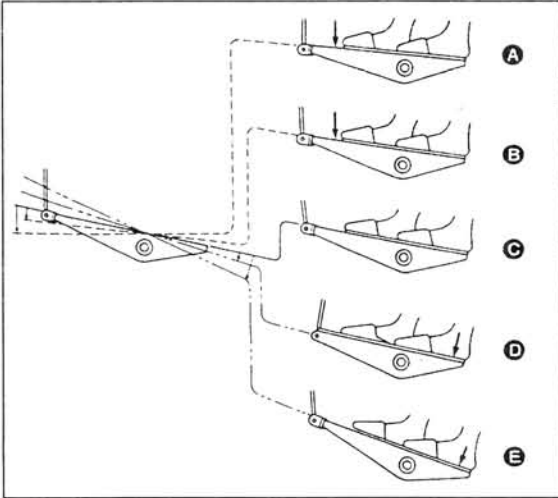
(2) Adjusting the pedal angle

- 1) The pedal tilt can be freely adjusted by changing the length of the connecting rod.
- 2) Loosen adjust screw ④ , and adjust the length of connecting rod ⑤ .

25. 踏板操作/ PEDAL OPERATION

(1) 踏板按 4 个阶段进行操作。

- 1) 向前轻轻踩踏板为低速缝制 **B**。
 - 2) 再用力向前踩踏板则变为高速缝制 **A**。
(但是, 开关设定为自动倒缝时, 倒缝结束后进行高速缝制)
 - 3) 把踏板返回到脚轻轻地放到踏板上的位置缝纫机停止 **C**。(机针上停止或下停止位置)
 - 4) 用力向后踩踏板则为切线动作 **E**。
- * 使用自动压脚提升装置 (AK-85) 时, 在停止和切线之间增加 1 级开关。向后轻轻的踩踏板为压脚提升动作 **D**, 再往后用力踩踏板为切线动作。

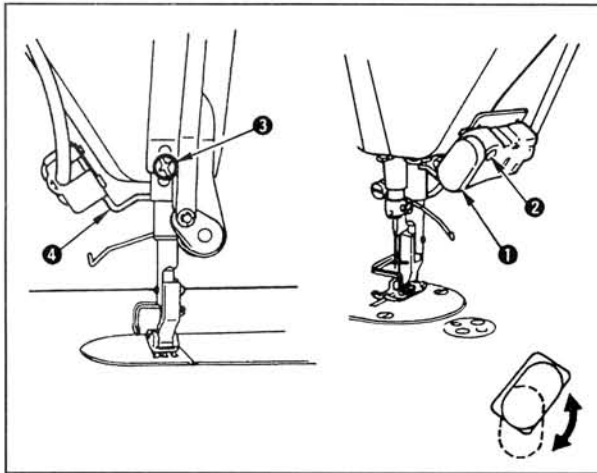


(1) The pedal is operated in the following four steps:

- 1) The machine runs at low sewing speed when you lightly depress the front part of the pedal. **B**
 - 2) The machine runs at high sewing speed when you further depress the front part of the pedal. **A**
(If the automatic reverse feed stitching has been preset, the machine runs at high speed after it completes reverse feed stitching)
 - 3) The machine stops (with its needle up or down) when you reset the pedal to its original position. **C**
 - 4) The machine trims threads when you fully depress the back part of the pedal. **E**
- * If your machine is provided with the Auto-lifter (AK-85), an addition step is given between the machine stop and thread trimming step. The presser foot goes up when you lightly depress the back part of the pedal **D**, and if you further depress the back part, the thread trimmer is actuated.

26. 触键手动倒缝

ONE-TOUCH TYPE REVERSE FEED STITCHING MECHANISM



(1) 使用方法

- 1) 按下开关拔杆 **1**, 缝纫机立即倒缝。
- 2) 在按下的时间进行倒缝。
- 3) 手一松开立即变为正向缝缝。

(1) How to operate

- 1) The moment switch lever **1** is pressed, the machine performs reverse feed stitching.
- 2) The machine performs reverse feed stitching as long as the switch lever is held depressed.
- 3) The machine resumes normal feed stitching the moment the switch lever is released.

(2) 开关高度/Height of the switch

- 1) 拧松固定螺丝 **2**, 上下移动开关主体调节高度。
 - 2) 开关 **1** 有 2 档位置可以使用。
 - 3) 想把开关 **1** 的位置再下降时, 请拧松缝纫机背面的固定螺丝 **3**, 降下开关座 **4**。
- 1) Loosen setscrew **2** and move the switch itself up and down to adjust the height.
 - 2) Switch **1** can be used in two positions by turning it.
 - 3) In addition, when you desire to lower the position of switch **1**, loosen setscrew **3** located in the back of the machine head and lower switch base **4**.

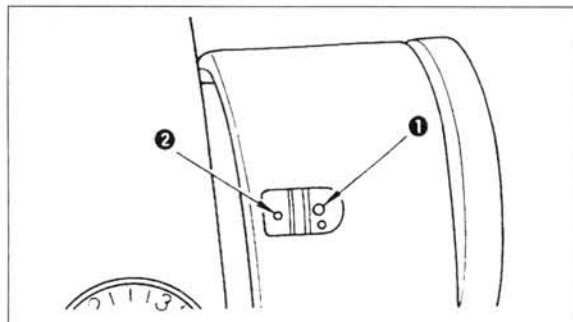
27. 拨线杆/ WIPER



注意：
为了防止意外启动造成的事故，请关电源后进行。

WARNING:

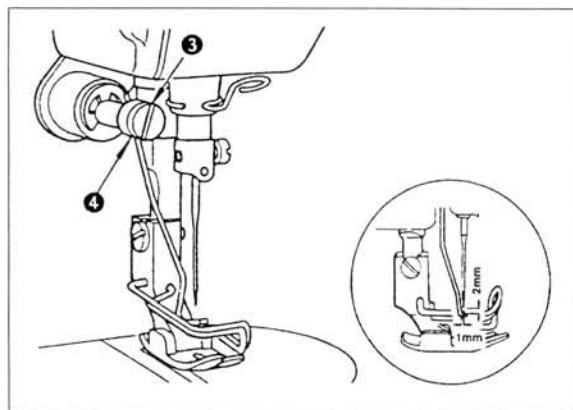
Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine .



(1) 拨线杆的位置

拨线杆位置根据布料的厚度按下列方法进行调节。

- 1) 向正常方向转动飞轮，让飞轮白刻点 ① 对准机架的刻点 ②。
- 2) 用拨线杆环 ④ 推拨线杆，然后拧紧固定螺丝 ③。把拨线杆的平坦部和机针中心的距离相距 1mm。
- 3) 不使用拨线杆时，请关掉拨线杆开关 ⑤。



(1) Positioning the wiper

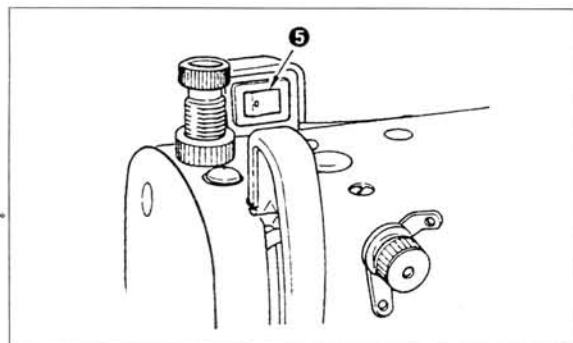
Adjust the position of the wiper according to the thickness of the material sewn.

The adjustment procedure is as follows :

- 1) Turn the handwheel in the normal direction of rotation to align white marker dot ① on the handwheel with marker dot ② on the machine arm.
- 2) Adjust the distance between the flat part of the wiper and the center of the needle to 1 mm.

Tighten wiper adjust screw ③ so that the wiper is pressed and fixed by wiper collar ④.

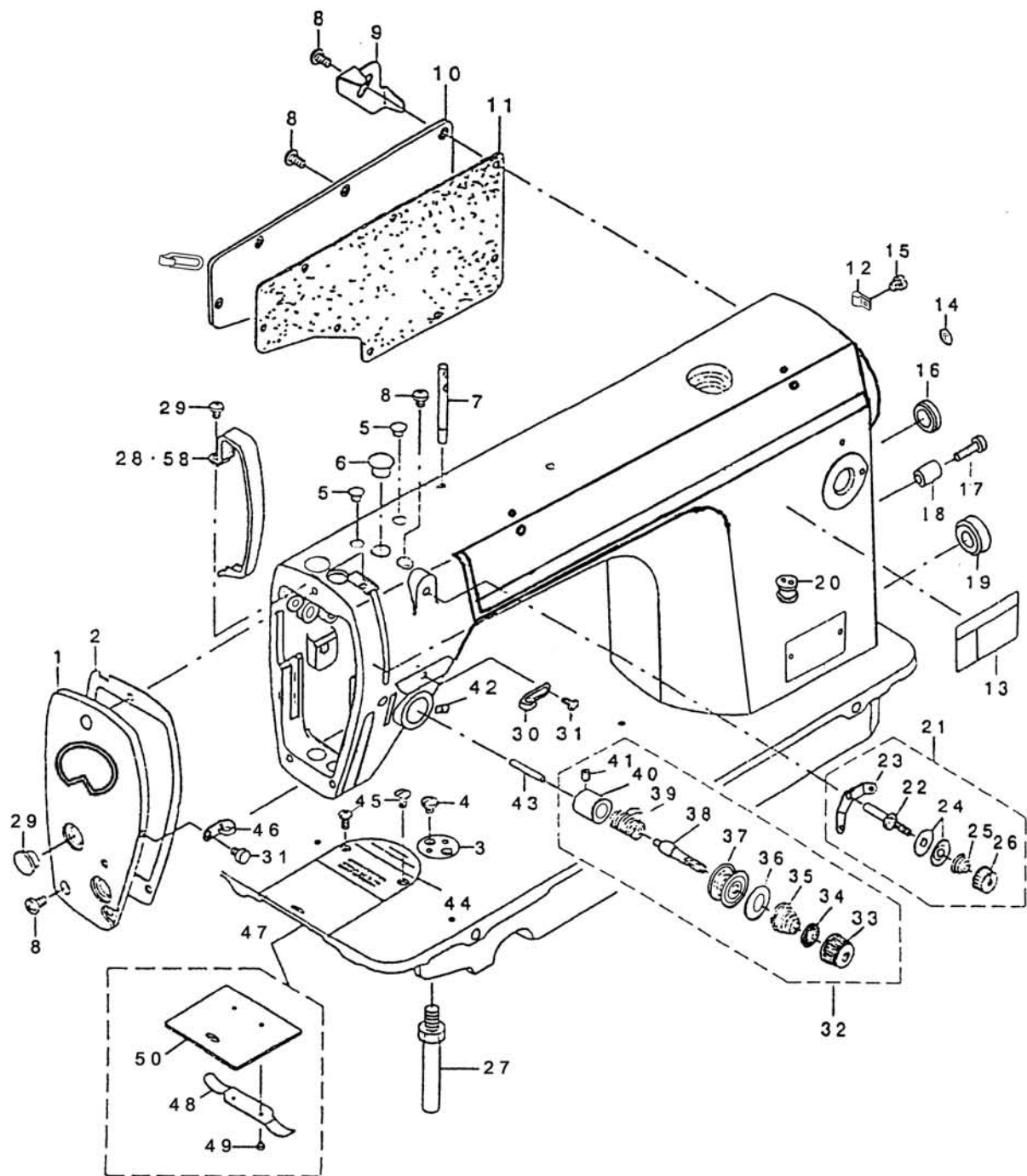
- 3) When the wiper is unnecessary, turn wiper switch ⑤ OFF.



零件样本
PARTS BOOK

1.MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS



机壳、外装分组件



一. 机壳外装分组件 MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS

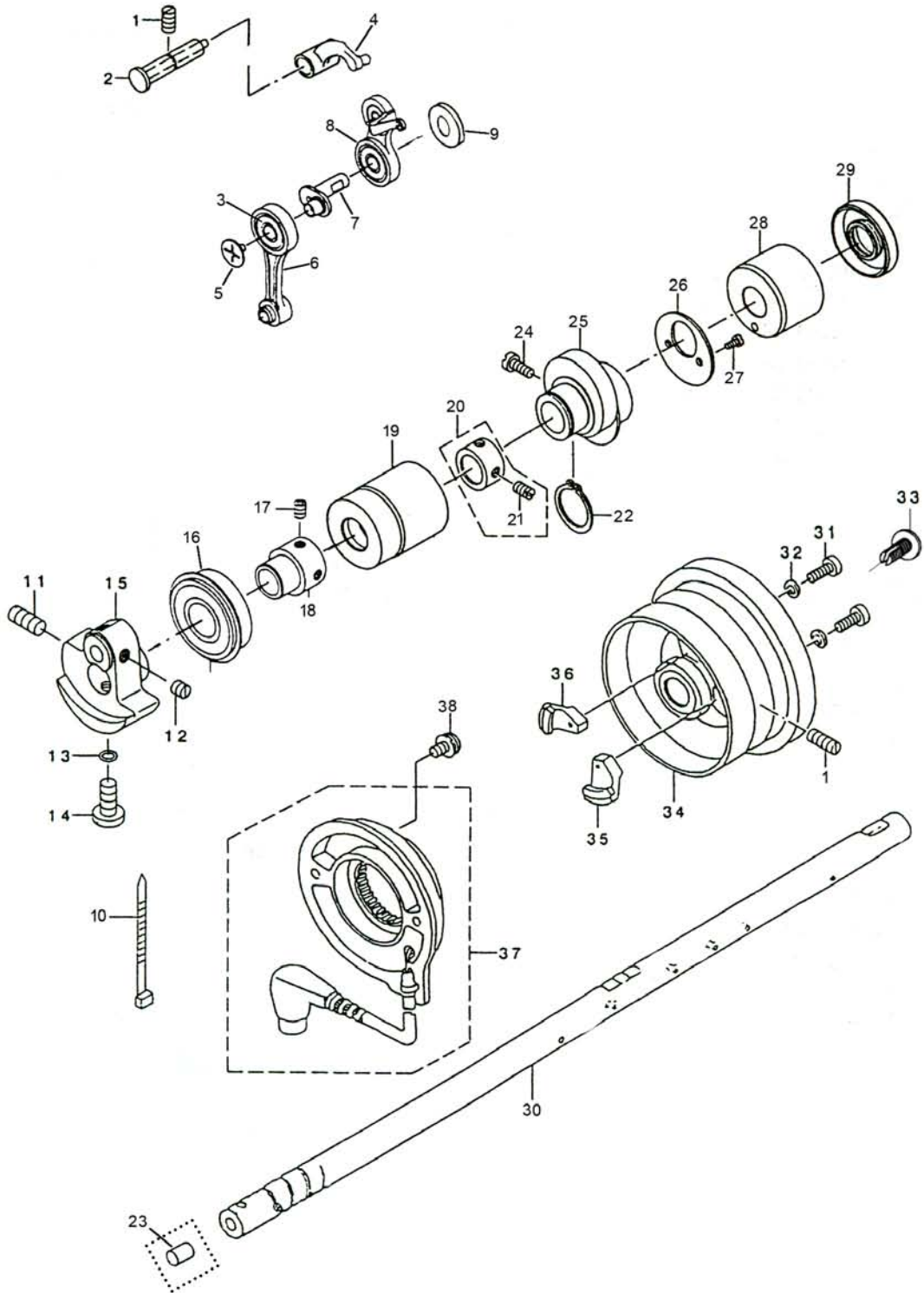
序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	10101011	面板	Face plate asm.	1
2	12222001	面板垫	Face plate gasket	1
3	10112002	卷边器座	Ruler stepper	1
4	101S11002	卷边器座螺钉 SM 11/64×40 L=8.5	Screw SM 11/64×40 L=8.5	2
5	10122004	针杆曲柄螺孔塞	Rubber plug	1
6	10122005	挑线连杆销螺孔塞	Rubber plug	1
7	11212001	过线柱	Thread guide rod	1
8	101S11001	后窗板螺钉	Screw 3/16×28 L=9	10
9	11212002	电线压板	Cord hold	1
10	10412001	后窗板	Side plate	1
11	10422001	后窗板垫	Gasket	1
12	11212005	定位器线夹	Holder	1
13	11237001	警告标记	Safety label.,3(small)	1
14	11237002	接地标记	Ground mark	1
15	101S11004	螺钉 SM 3/16×28 L=6	Screw SM 3/16×28 L=6	4
16	10122006	送料调节器孔塞	Rubber plug	1
17	112S11002	螺钉 SM 3/64×28 L=6	Screw SM 3/64×28 L=6	1
18	11203001	倒送料板手定位套	Reverse feed lever stopper	1
19	10122007	下轴工艺孔塞	Rubber plug	1
20	11222001	橡皮塞(双孔)	Rubber bushing	1
21	1131300100	小夹线器组件	Thread tension asm.	1
22	113S20003	小夹线器螺钉	First tension post	1
23	11312010	小夹线器过线板	Thread tension guide	1
24	11312011	小夹线板	Bobbin winder tension disc	2
25	11327007	小夹线弹簧	Thread tension spring	1
26	113S16003	小夹线螺母	Thread tension nut	1
27	101S12001	底板支柱	Bed screw stud	4
28	10112004	挑线杆护罩	Thread take-up lever cover	1
29	10122003	面板调节螺孔塞 D=1.25 l=4	Rubber plug	2
30	10113004	右线勾	Arm thread guide A	1
31	101S11007	螺钉 SM 11/64×40 L=6	Screw SM 11/64×40 L=6	2
32	1121300300	夹线器组件	Thread tension asm.	1
33	112S16002	夹线螺母	Tension nut	1
34	10112007	夹线制动板	Rotating stopper	1
35	10127002	夹线弹簧	Tension spring A	1
36	10112006	松线板	Thread tension disk presser	1
37	10112005	夹线板	Thread tension dis	2
38	101S30002	夹线螺钉	Tension post	1
39	10127001	挑线簧	Take-up spring	1
40	10103011	挑线簧调节座	Tension post socket	1
41	101S15005	螺钉 SM 9/64×40 L=5.5	Screw SM 9/64×40 L=5.5	1
42	104S15001	螺钉 SM 15/64×40 L=8.5	Screw SM 15/64×28 L=7	1
43	10126002	松线钉	Tension releasing	1
44	10115001	针板	Throat plate	1
45	101S17002	针板螺钉 SM11/64×40 L=8.5	Screw SM 11/64×40 L=8.5	2
46	10113005	左线勾	Arm thread guide B	1
47	1011500200	推板组件	Slide plate asm.	1
48	10127009	推板簧	Bed slide spring	1
49	101S11019	推板簧螺钉 SM3/32×56 L=1.9	screw SM 3/32×56 L=1.9	2
50	10115002	推板	Slide plate asm	1

注：零件样本中采用了两种线框符号

- ①、 虚线框表示同一部件的零部件
 ②、 点线框表示现已不用或改进的零部件

2. 上轴挑线分组件

MAIN SHAFT & THREAD TAKE-UP COMPONENTS

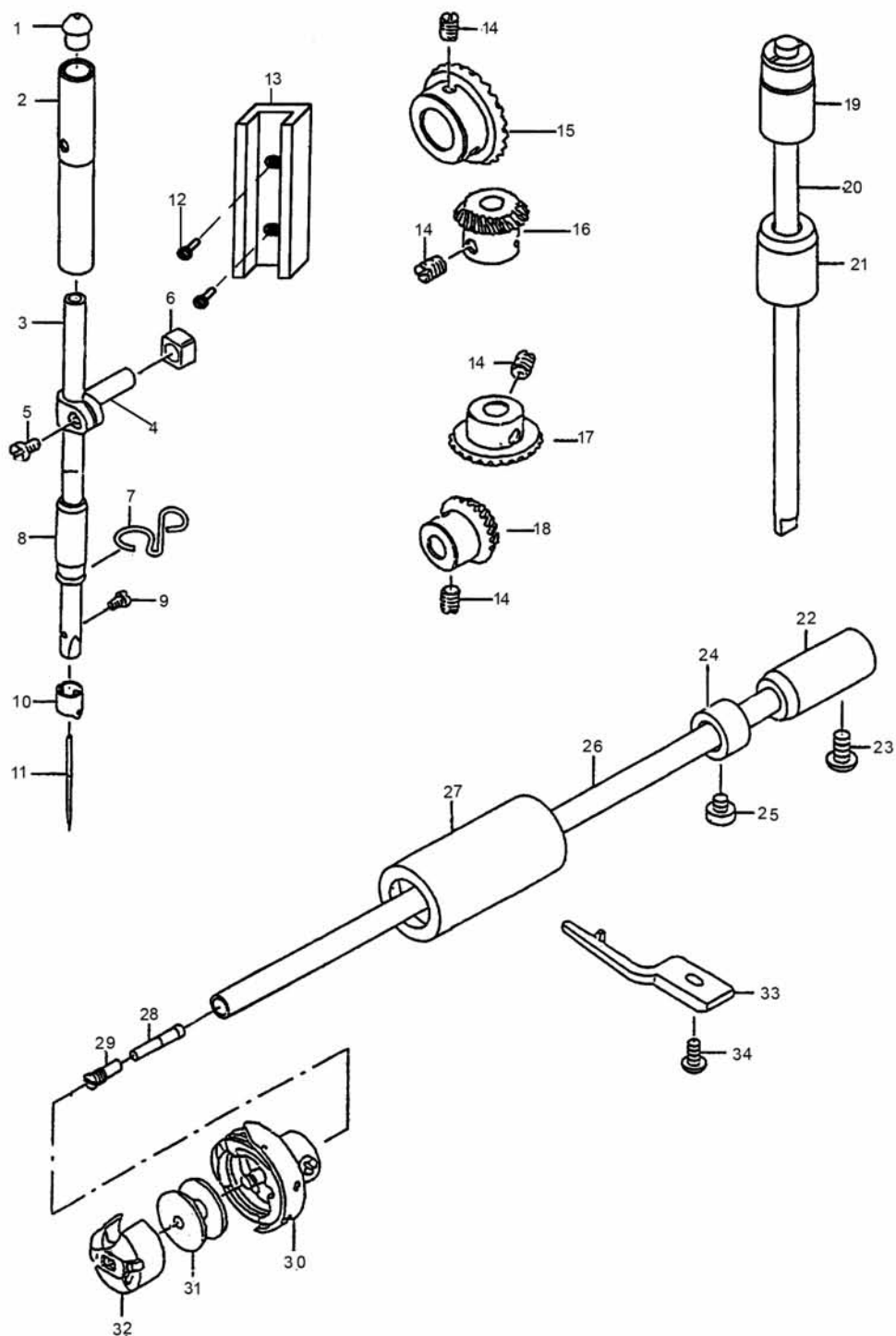


二. 上轴挑线分组件 MAIN SHAFT&THREAD TAKE-UP COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	101S15001	螺钉 SM15/64"×28 L=15	screw SM15/64"×28 L=15	1
2	12226001	挑线连杆销	Thread take-up crank shaft asm.	1
3	B04008	轴承 698ZZ	Bearing 685ZZ	2
4	12205001	挑线连杆	Needle bar crank rod	1
5	101S17001	螺钉 SM9/64"×40 L=6	Left screw SM9/64"×40 L=6	1
6	12205002	针杆连杆组件	Needle bar crank rod	1
7	1220400200	挑线曲柄分部件	Thread take-up lever asm.	1
8	1223800100	挑线杆分组件	Thread take-up lever asm.	1
9	10112003	针杆曲柄护板	Cunter weight protecting plate	1
10	11211005	尼龙扎带	bale band	3
11	101S15004	螺钉 SM9/32"×28 L=16	Screw SM9/32"×28 L=16	1
12	101S15002	螺钉 SM1/4"×40 L=6	Screw SM1/4"×40 L=6	2
13	10122010	O 形圈	Rubber ring	1
14	101S11003	螺钉 SM9/32"×28 L=16	Screw SM9/32"×28 L=16	1
15	12204001	针杆曲柄	Counter weight	1
16	B10003	轴承 6004ZZN	Bearing 6004ZZN	1
17	101S15006	螺钉 SM15/64"×28 L=7	Screw SM15/64"×28 L=7	1
18	1220300100	上轴前轴套分部件	Main shaft front bushing asm.	1
19	12203002	上轴中轴套	Bushing, intermediate	1
20	10408001	上轴挡圈	Thrust collar asm.	1
21	101S15002	螺钉 SM1/4"×40 L=6	Screw SM1/4"×40 L=6	2
22	H03002	挡圈 20	Snipe ring	1
23	10122012	上轴孔塞	Rubber plug	1
24	101S11013	送料偏心轮螺钉	Screw	2
25	10410001	送料偏心轮	Feed drive eccentric cam asm.	1
26	10112017	送料偏心轮盖板	Thrust collar	1
27	101S11005	螺钉 SM9/64"×40 L=5.5	Screw SM9/64"×40 L=5.5	2
28	10103001	上轴后轴套	Main shaft bushing, rear	1
29	10422003	上轴油封	Oil seal	1
30	12202001	主轴	Main shaft	1
31	112S11003	螺钉 SM11/64"×40 L=12	Screw SM11/64"×40 L=12	2
32	W01013	垫圈 4.5	Washer 4.5	2
33	101S30001	螺钉 SM5/16"×24 L=14	Screw SM5/16"×24 L=14	1
34	11235002	上轮	Hand wheel asm	1
35	11230001	电磁铁	Magnet fitting base A asm.	1
36	11230002	电磁铁	Magnet fitting base B asm.	1
37	11230014	定位器	Dynamo stator	1
38	101S11001	螺钉 SM3/16"×28 L=9	Screw SM3/16"×28 L=9	2

3. 针杆、竖轴、下轴部件

NEEDLE BAR, UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS

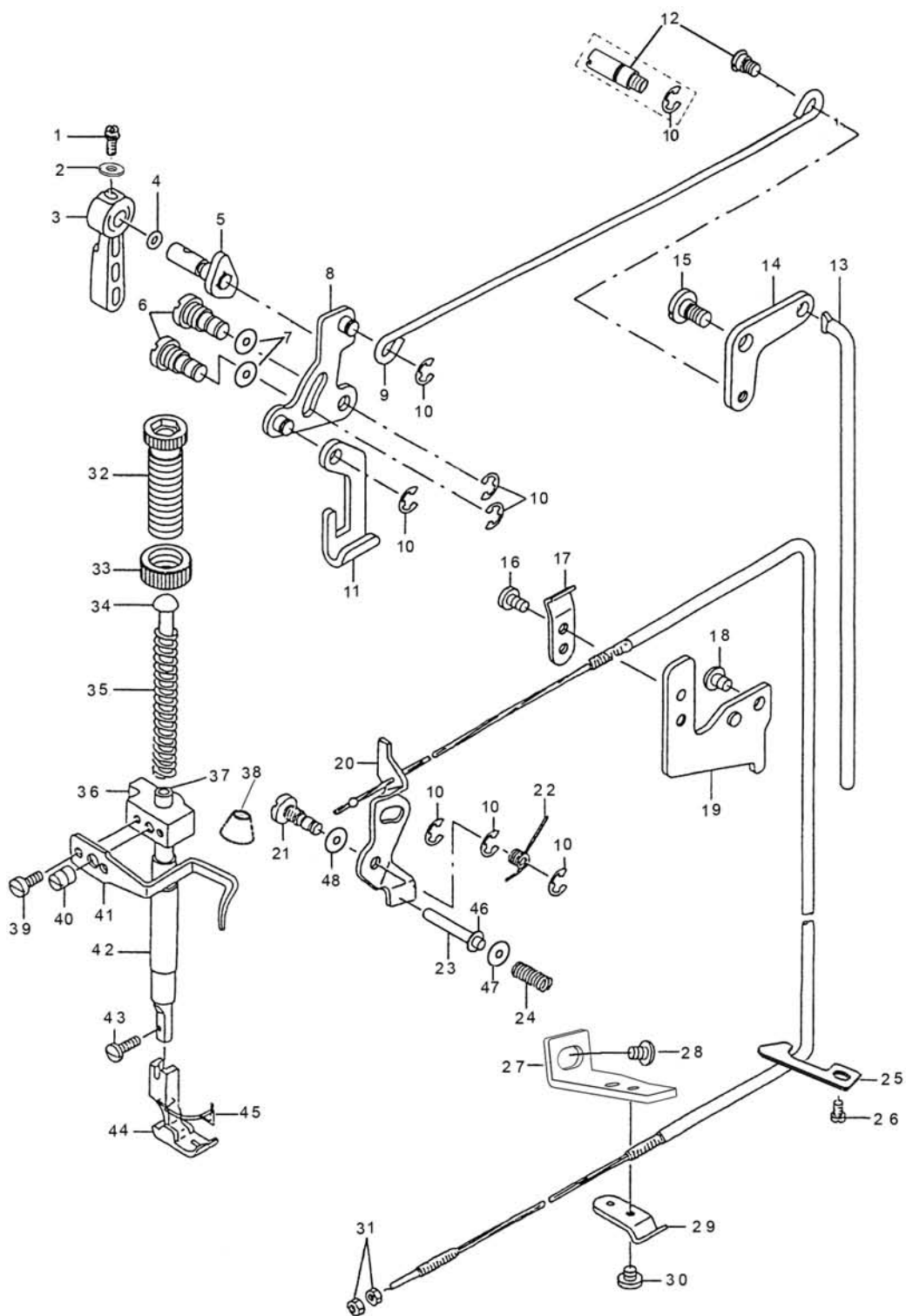


三. 针杆、竖轴、下轴部件

NEEDLE BAR, UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	10122013	针杆上衬套孔塞	Cap	1
2	10103009	针杆上衬套	Needle bar bushing upper	1
3	12202002	针杆	Needle bar	1
4	10138002	针杆连接柱	Needle rod holder asm.	1
5	101S11005	螺钉 SM9/64"×40 L=6	Screw SM9/64"×40 L=6	1
6	10109001	针杆连接柱滑块	Slide block	1
7	10413001	针杆下衬套线勾	Needle bar thread guide	1
8	10403008	针杆下衬套	Needle bar bushing, lower	1
9	101S11006	螺钉 SM1/8"×44 L=4.5	Screw SM1/8"×44 L=4.5	1
10	10113002	针杆线勾	Needle bar thread guide	1
11	10117001	机针(14#)	Needle	1
12	101S11008	螺钉 SM11/64"×40 L=8	Screw SM11/64"×40 L=8	2
13	10109002	针杆接头滑块导轨	Needle bar guide	1
14	101S15006	夹线器螺钉	Screw	1
15	10425004	上轴伞齿轮	Gear & pinion asm., upper	1
16	10425003	竖轴上伞齿轮	Gear asm. large	1
17	10425002	竖轴下伞齿轮	Pinion asm	1
18	10425001	下轴伞齿轮	Pinion asm	1
19	10403014	竖轴上轴套	Upright shaft bushing, upper	1
20	10102007	竖轴	Upright shaft	1
21	10403013	竖轴下轴套	Upright shaft bushing, lower	1
22	10403012	下轴后轴套	Bushing, rear	1
23	105S11019	螺钉 SM3/16"×28 L=9	Screw SM3/16"×28 L=9	1
24	10408002	下轴挡圈	Thrust collar asm.	1
25	101S11012	螺钉 SM11/64×40 L=4.8	Screw 11/64×40 L=4.8	2
26	11304003	下轴	Lower shaft	1
27	11303001	下轴前轴套	Lower shaft front metal	1
28	10123003	下轴限油芯	Oil wick	1
29	101S30005	下轴限油螺钉	Oil seal screw	1
30	11218001	旋梭	Hook asm	1
31	10118003	梭心	Bobbin	1
32	11218504	梭壳	Bobbin case asm	1
33	10412008	旋梭定位钩	Positioning finger	1
34	101S11011	螺钉 SM11/64×40 L=9.5	Screw SM11/64×40 L=9.5	1

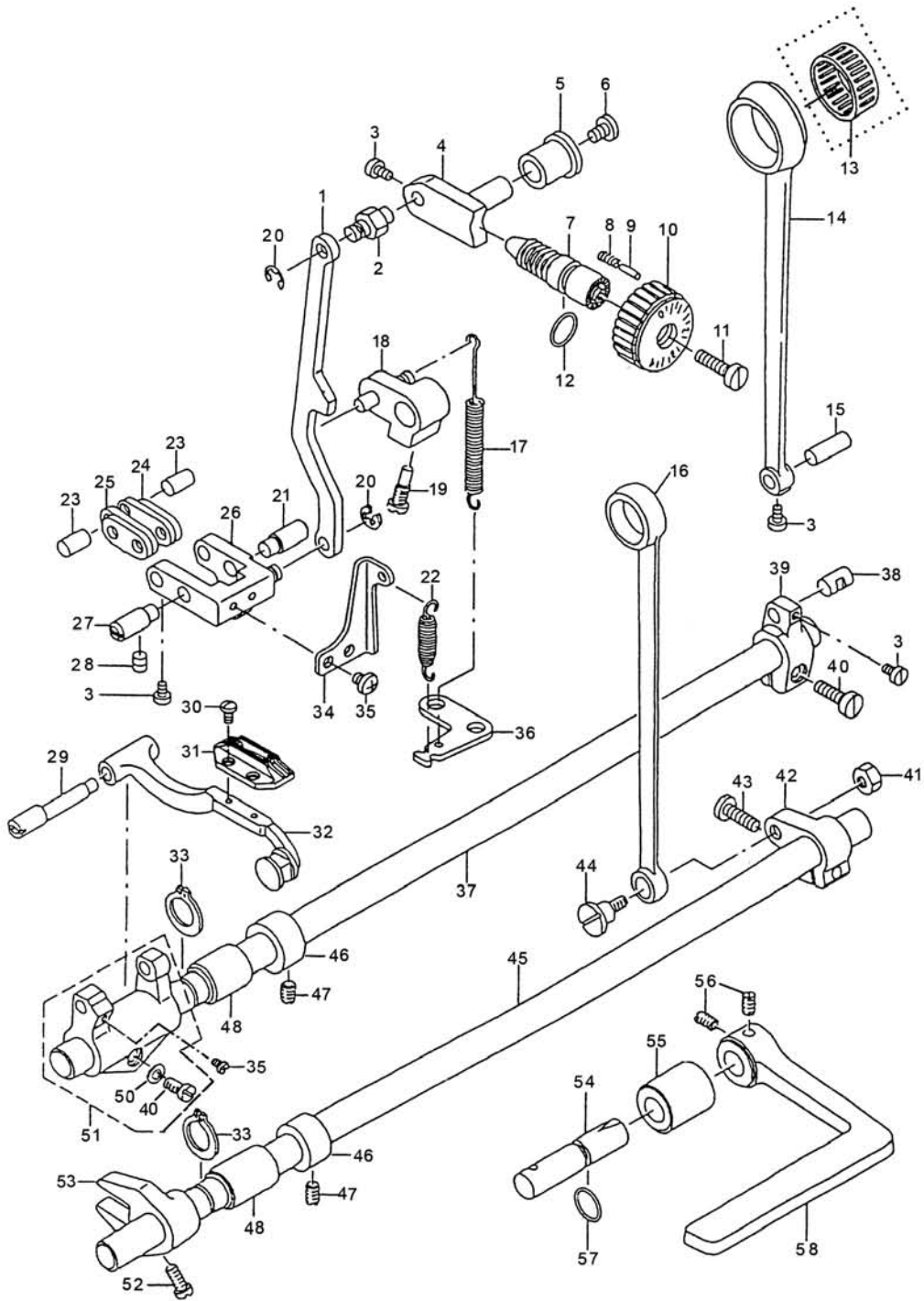
4. 压料分组件 PRESSER BAR COMPONENTS



四. 压料分组件 PRESSER BAR COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	101S11010	螺钉 SM9/64"×40 L=11	Screw SM9/64"×40 L=11	1
2	10128002	垫圈	washer	1
3	10111018	压脚扳手	Hand lifter	1
4	O01004	O 型圈 4×1.8	Rubber ring 4×1.8	1
5	1041000200	压脚扳手凸轮分部件	Hand lifter cam asm.	1
6	101S20001	前杠杆螺纹销	Link shaft	2
7	10128015	垫圈 (厚)	washer	2
8	10412003	抬压脚前杠杆	Hand lifter link	1
9	10412004	抬压脚拉杆	Knee lifting cross rod	1
10	H05009	挡圈 7	E-ring 7	5
11	10412002	压脚升降板	Lifting lever	1
12	101S20004	螺钉 SM3/16"×32 L=5	Screw SM3/16"×32 L=5	1
13	10412006	抬压脚顶杆	Knee lifter connecting	1
14	10412005	抬压脚后杠杆	Lifting lever link	1
15	101S20003	轴位螺钉 D=7.24 H=3.3	Hinge screw D=7.24 H=3.3	1
16	S04006	螺钉 M4×5	Screw M4	1
17	11212008	松线导管压板	Wire holder A	1
18	101S11004	螺钉 SM3/16"×28 L=6	Screw SM3/16"×28 L=6	1
19	11212009	松线导管上支架	Wire holder bracket. upper	1
20	1131200200	松线顶板部件	Thread release shaft	1
21	101S20002	松线顶板螺纹销	Tension release shaft	1
22	10127008	松线顶板复位簧	Tension release return spring	1
23	10126003	松线辅钉	Tension release supporting	1
24	10127003	松线辅钉弹簧	Thread release pin spring	1
25	10112022	旋梭供油管压板	Tube holder(lower)	1
26	101S11007	螺钉 SM11/64"×40 L=6	Screw SM11/64"×40 L=6	1
27	11312001	松线导管下支架	Wire holder bracket. lower	1
28	116S30003	螺钉 SM15/64"×28 L=4.5	Screw SM15/64"×28 L=4.5	1
29	10128016	垫圈 (薄)	Washer	1
30	113S11004	螺钉 M4 L=8	Screw M4 L=8	1
31	112S16003	螺母 3/16×32	Nut SM3/16"×32	2
32	101S30020	调压螺钉	Presser adjusting screw	1
33	101S16008	调压螺母	Presser adjusting screw nut	1
34	10102003	调压导杆	Presser guide bar	1
35	10127005	调压簧	Presser guide bar	1
36	10409001	压杆导架	Presser bar guide bracket	1
37	10102004	压杆	Presser bar	1
38	10122034	压杆防油套	Presser bar defend oil bushing	1
39	101S11005	螺钉 SM9/64"×40 L=6	Screw SM9/64"×40 L=6	1
40	101S15007	螺钉 SM1/4×40 L=8	Screw SM1/4×40 L=8	1
41	10413003	缓线调节钩	Presser bar thread guide	1
42	10103012	压杆衬套	Presser bar bushing, lower	1
43	101S11009	螺钉 SM9/64"×40 L=10.5	Screw SM9/64"×40 L=10.5	1
44	1011600100	压脚	Presser foot asm.	1
45	11227008	护指器	Safeguard	1
46	H05003	挡圈 5	E-ring 5	1
47	10128001	松线辅钉垫片	washer	1

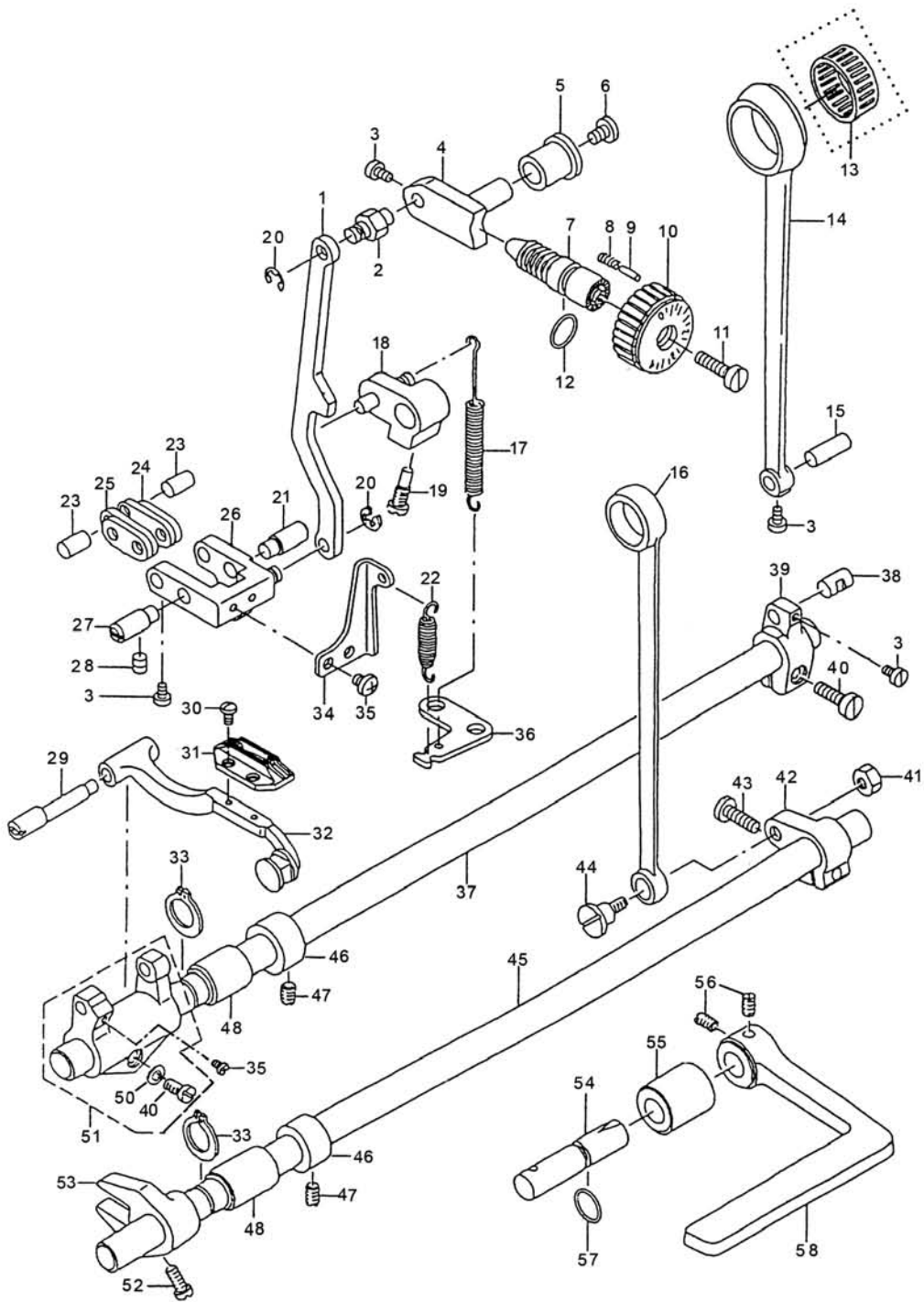
5. 送料分组件 FEED MECHANISM COMPONENTS



五. 送料分组件 FEED MECHANISM COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	11205001	倒送料连杆	Feed regulator connecting rod	1
2	10126016	倒送料连杆销	Feed regulator pin	1
3	101S11005	螺钉 SM9/64"×40 L=6	Screw SM9/64"×40 L=6	6
4	10401004	送料调节器	Feed regulator	1
5	10403017	送料调节器轴套	Feed regulator bushing	1
6	101S11023	送料调节器轴端螺钉 SM3/16"×28 L=7	Screw SM3/16"×28 L=7	1
7	11326001	送料调节螺柱	Feed regulator screw	1
8	10127010	送料距锁合簧	Spring	1
9	10126015	送料距锁合销	Feed adjust ping	1
10	11211007	送料距旋钮	Feed dial	1
11	101S11022	螺钉 SM3/16"×28 L=18	Screw SM3/16"×28 L=18	1
12	10122016	送料调节螺钉 O 形圈	Rubber ring	1
13		滚针轴承	Needle bearing	1
14	10405003	送料连杆	Rocker shaft connecting rod	1
15	10126006	送料连杆销	Walking foot pin C	1
16	10405005	拾牙连杆	Connecting rod	1
17	10127011	倒送料拉簧	Feed reverse spring	1
18	10404005	倒送料曲柄	Feed reverse arm asm.	1
19	101S17003	螺钉 SM1/4"×40 L=20	Screw SM1/4"×40 L=20	1
20	H05009	开口挡圈 7	E-ring	2
21	10126010	送料摆动板座右销	Adjusting link fulcrum shaft B	1
22	10427003	摆动板复位簧	Spring	1
23	10126007	短摆动板连杆销	Walking foot pin A	2
24	10109005	送料短摆动板	Connecting link A	2
25	10109004	送料长摆动板	Connecting link B	2
26	11201002	送料摆动板座	Feed adjusting link asm	1
27	10126009	送料摆动板座右销	Adjusting link fulcrum shaft A	1
28	101S15010	螺钉 SM15/64"×20 L=10.5	Screw SM15/64"×20 L=10.5	2
29	11226001	牙架销	Feed bar shaft	1
30	101S11018	螺钉 SM1/8"×44 L=6	Screw SM1/8"×44 L=6	2
31	11214001	送料牙	Feed dog	1
32	11207001	牙架部件	Feed bar asm.	1
33	H03001	挡圈 15	Ring 15	2
34	10112019	摆动板复位板	Adjusting link spring guide	1
35	101S11025	螺钉 SM11/64"×40 L=7	Screw SM11/64"×40 L=7	3

5. 送料分组件 FEED MECHANISM COMPONENTS

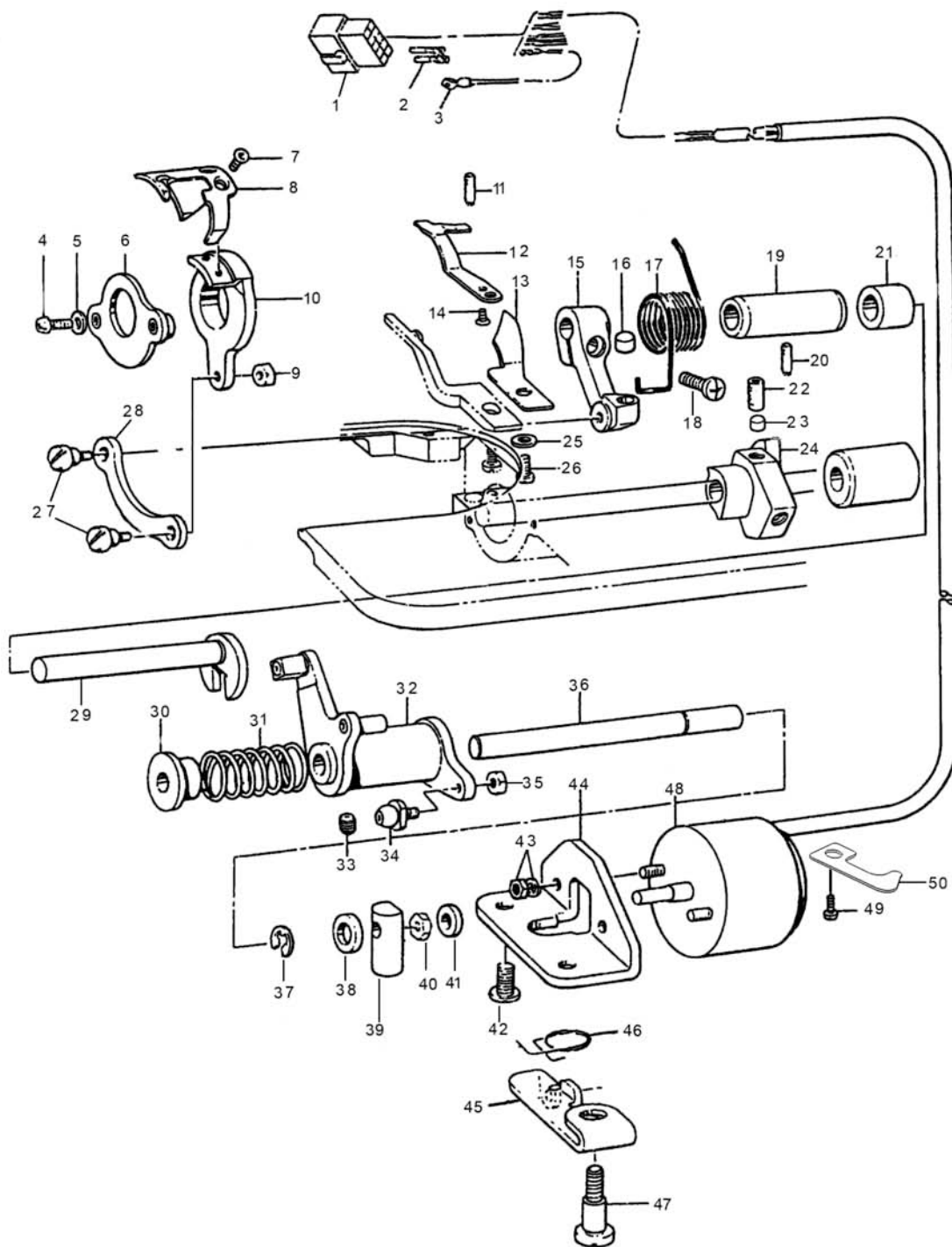


五. 送料分组件 FEED MECHANISM COMPONENTS

续表

36	10112018	拉簧固定板	Feed spring hook	1
37	10102008	送料轴	Feed rock shaft	1
38	10126011	送料曲柄销	Walking foot pin B	1
39	10404003	送料后曲柄	feed rocker shaft crank asm.	1
40	101S11016	螺钉 SM3/16"×28 L=14	Screw SM3/16"×28 L=14	2
41	101S16003	拾牙连杆轴位螺母 SM9/32"×28	Nut	1
42	10404004	拾牙后曲柄	Feed arm compl.	1
43	101S11021	螺钉 SM3/16"×28 L=12	Screw SM3/16"×28 L=12	1
44	101S20005	螺钉 SM9/32"×28 L=13.5	Screw SM9/32"×28 L=13.5	1
45	11202001	拾牙轴	Feed driving shaft	1
46	10408001	拾牙轴挡圈	Thrust collar asm	1
47	101S15002	螺钉 SM1/4"×40 L=6	Screw SM1/4"×40 L=6	4
48	10403015	轴套	Brushing	2
50	10128003	牙架座螺钉垫圈	Washer 4.8×8.4×0.8	1
51	11201001	牙架座部件	Feed bar crank asm.	1
52	101S11020	螺钉 SM11/64"×40 L=10.5	Screw SM11/64"×40 L=10.5	1
53	10404007	拾牙叉行曲柄	Driving shaft crank asm.	1
54	10102010	倒送料轴	Feed reverse shaft	1
55	10103021	倒送料轴轴套	Feed lever metal	1
56	101S15013	螺钉 SM15/64"×28 L=10	Screw SM15/64"×28 L=10	2
57	11201006	倒送料扳手	Reverse feed control lever	1
58	10122017	倒送料轴 O 形圈	Rubber ring	1

6. 切线装置部件 THREAD TRIMMER COMPONENTS

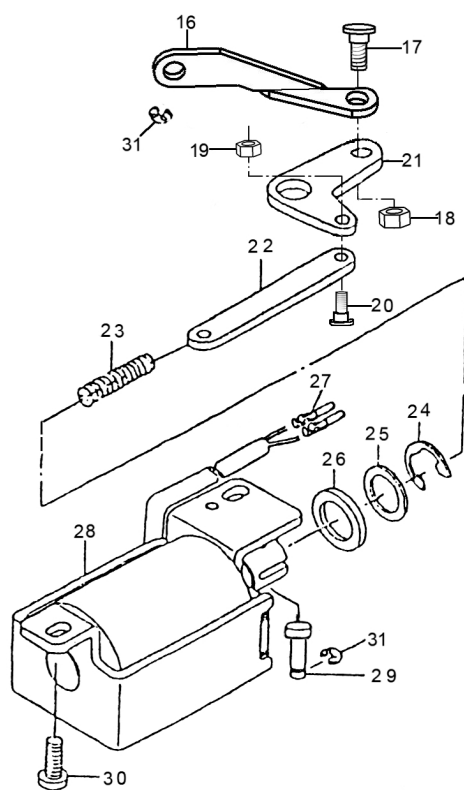
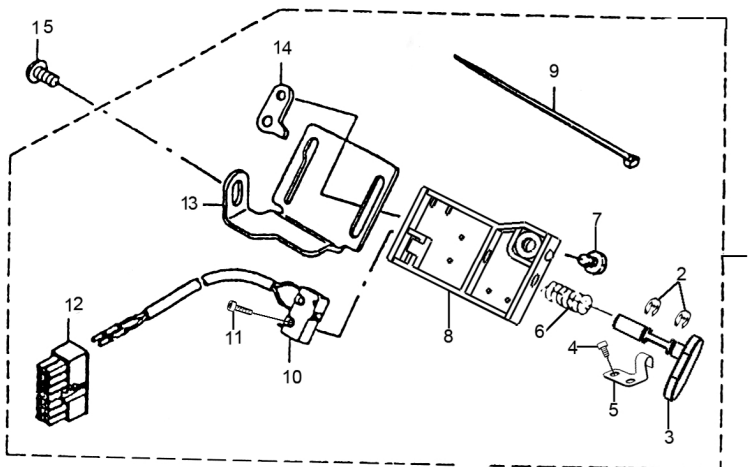


六. 切线装置部件 THREAD TRIMMER COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	11230004	接线器	Housing 14P	1
2	11230005	电线插针	Pin contact	1
3	11212025	地线接头	Ground wire asm.	1
4	113S11001	螺钉	Screw	2
5	10128003	牙架座螺钉垫圈	Washer	2
6	11312004	刀架压板组件	Partiality shank asm.	1
7	113S17002	活动刀固定螺钉	Screw	2
8	11319002	活动刀	Motorial knife	1
9	113S16001	螺母	Nut	1
10	11307001	剪线刀架	Knife bracket	1
11	113S15002	定刀调节螺钉	Screw	1
12	11319001	割线刀	Secant knife	1
13	11312003	护针片	Protect needle patch	1
14	113S17001	螺钉	Screw	1
15	11304001	曲柄	Thread shear rock arm	1
16	11322001	驱动曲柄止动块	Positioning block	1
17	11327001	弹簧	Spring	1
18	113S11002	螺钉	Screw	2
19	11303003	切线轴套	Thread shear cam rock arm assy	1
20	113S14001	螺钉	Screw	1
21	11303002	驱动曲柄轴衬套	Short bush	1
22	116S14005	螺钉	screw	1
23	11309030	凸轮顶柱	pole	2
24	11310001	凸轮	Thread shear cam	1
25	W02004	垫圈 6	Washer 6	1
26	113S11003	螺钉	Screw	1
27	113S20001	连杆螺钉	Screw	2
28	11312005	连杆	Knife shaft connecting rod	1
29	11304002	切线凸轮曲柄轴	Thread shear rock arm shaft	1
30	11322002	扭簧端盖	Spring cover	1
31	11327002	弹簧	Spring	1
32	1130400500	剪线驱动组件	Thread shear rock arm shaft	1
33	116S14003	针杆曲柄销定位螺钉	Screw	1
34	11324001	滚柱	Rooll shaft sssy	1
35	113S16001	螺母	Nut	1
36	11302002	轴	Thread shear shaft	1
37	H03006	挡圈	Retaining ring	1
38	11322003	电磁铁缓冲垫	Magnetic plug cushion mat	1
39	11309001	切线电磁铁顶销	Magnetic plug pin	1
40	112S16006	螺母 SM1/4"×40	Nut SM1/4"×40	1
41	O01004	垫圈	Wisher	1
42	101S11026	油泵安装螺钉	Screw	1
43	N01001	螺母 M4	Nut M4	2
44	11312006	切线磁铁支架	Magnetic plug cushion mat	1
45	11312007	松线座	Thread loose seat	1
46	11327003	弹簧	Sping	1
47	113S20002	螺钉	Screw	1
48	1123000600	剪线电磁铁组件	Magnetic plug	1
50	10112022	旋梭供油管压板	Electrical plug breacket washer	1
51	11303004	下轴中套	Bushing ,lower shaft	1
52	W01013	垫圈 4.5×8×0.5	Wisher 4.5×8×0.5	1

7. Automatic reverse feed components

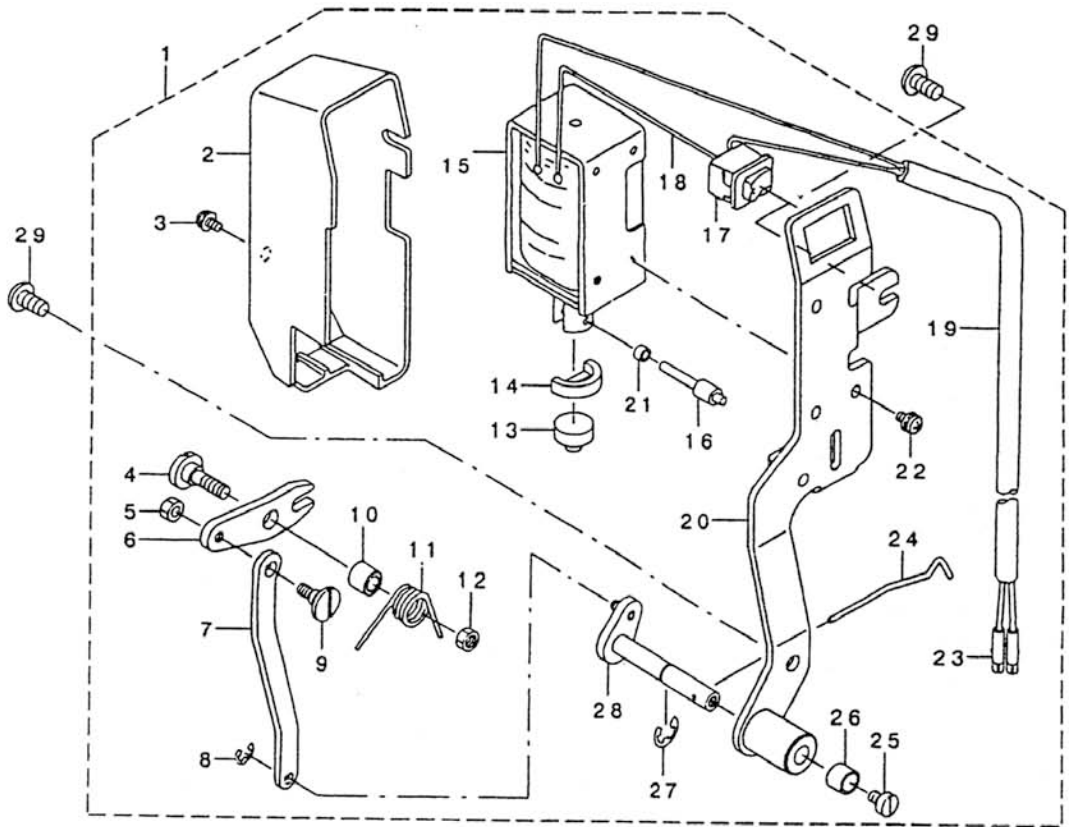
自动倒送料、开关组件



七. 自动倒送料、开关组件 AUTOMATIC REVERSE FEED COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	1133000100	自动倒送料开关组件	Reverse feed switch asm.	1
2	H05007	开口挡圈 3	E-ring3	2
3	11311002	开关按钮	Button	1
4	S04021	螺钉 M2×4	Screw M2×4	2
5	11327006	弹簧片	Spring	1
6	11327010	弹簧	Spring	1
7	101S11025	螺钉 SM11/64" ×40 L=7	Screw SM11/64"×40 L=7	1
8	11311001	开关罩壳	Reverse feed switch cover	1
9	11211005	尼龙扎带		1
10	11430013	开关	Reverse feed cord asm.	1
11	S04022	螺钉 M2×10	Screw M2×10	2
12	11430014	接线器	Housing 14P	1
13	11412036	固定支架	Reverse feed switch base	1
14	11412037	紧固板	Reverse feed switch base guide	1
15	101S11004	螺钉	Screw	1
16	11212029	自动倒送料拉杆	Reverse feed connecting shaft	1
17	112S20001	曲柄长螺钉	Screw	1
18	112S16007	曲柄长螺母	Nut	1
19	112S16008	曲柄短螺母	Nut	1
20	112S20002	曲柄短螺钉	Screw	1
21	11204003	自动倒送料曲柄	Connecting arm asm.	1
22	11312009	自动倒送料连杆	Reverse feed connecting link	1
23	11227006	自动倒送料连杆顶簧	Plunger spring	1
24	H05014	开口挡拳	E-ring	1
25	W01014	垫圈 16	Washer	1
26	11222006	橡皮垫圈	Rubber plunger	1
27	1143001	插针	Pin contact	2
28	1123000900	自动倒送料电磁铁组件	Reverse feed magnet asm	1
29	11226005	连杆销	Plunger arm pin	1
30	116S30003	螺钉	Screw	2

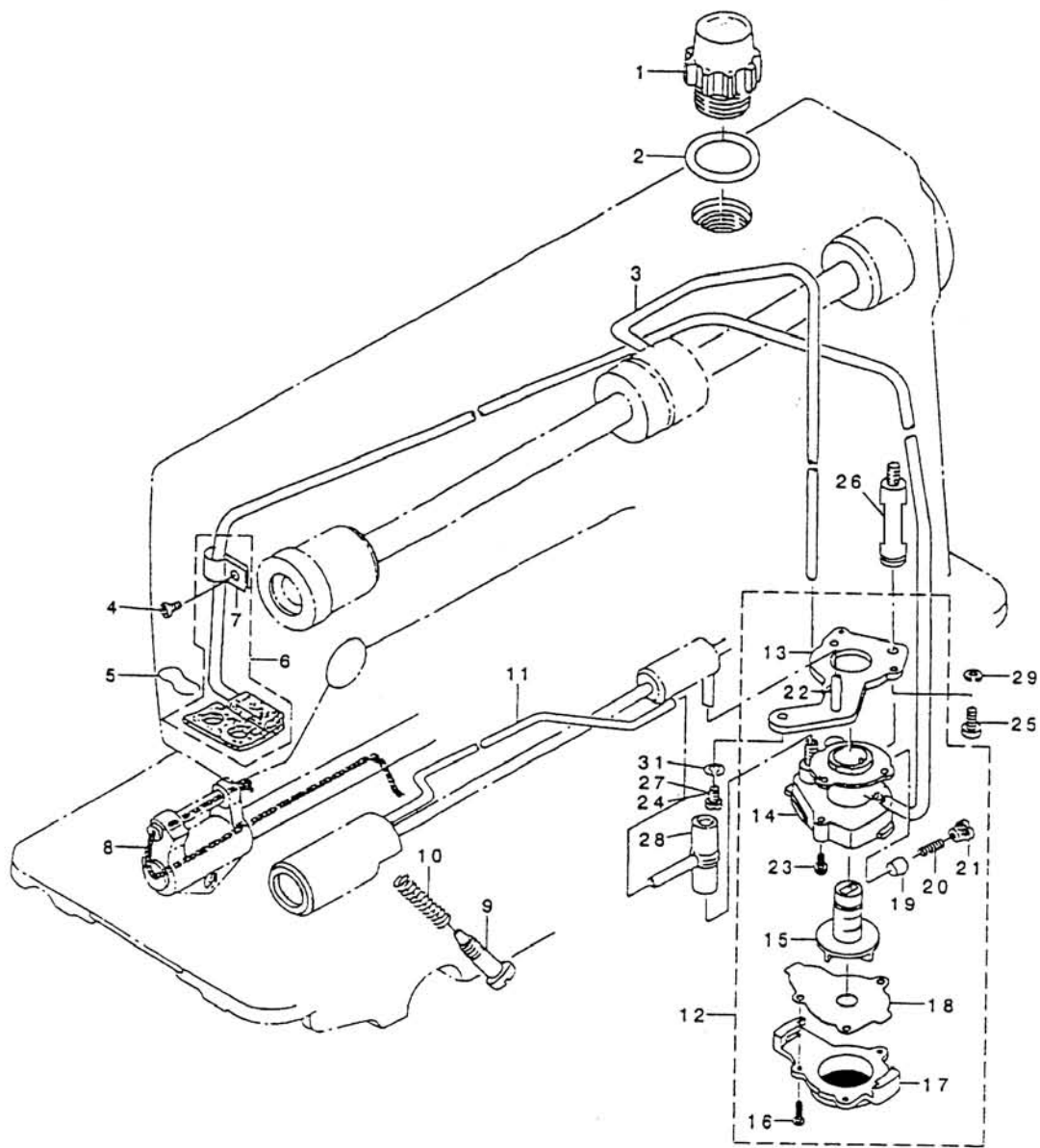
8. 自动挑线组件 WIPER COMPONENTS



八. 自动拨线组件 WIPER COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	11213003-00	自动拨线组件	Wiper asm	1
2	11211003	罩壳	Wiper cover	1
3	S04008	螺钉 M3	Screw M3	1
4	112S20006	轴位螺钉	Hinge screw D=6.5 H=3.2	1
5	112S16009	螺母 SM9/64"×40	Nut SM9/64"×40	1
6	11212031	拨线传动板	Wiper link A	1
7	11212032	拨线连杆	Wiper link B	1
8	H05015	开口挡圈	E-ring	1
9	112S20007	轴位螺钉	Hinger screw	1
10	11208002	复位衬套	Wiper hinge screw collar	1
11	11227007	复位弹簧	Wiper spring	1
12	112S16010	螺母 SM11/64"×40	Nut SM11/64"×40	1
13	11222007	橡皮垫块	Wiper rubberA	1
14	11222008	橡皮垫	Wiper rubber B	1
15	11230010	拨线电磁铁	Wiper solenoid	1
16	11226006	拨线传动销	Wiper solenoid shaft	1
17	11230011	开关	Power switch	1
18	11230012	电线	Electric wire	1
19	11230008	电线	2-core cabtyre cord	1
20	11212033	拨线电磁铁支架	Wiper base asm.	1
21	11208003	滑动衬套	Wiper link collar	1
22	S04008	螺钉	Screw	3
23	11230005	电线插针	Pin contact	2
24	11213004	拨线钩	Wiper	1
25	112S11012	螺钉 SM9/64"×40 L=5	Screw SM9/64"×40 L=5	1
26	11208004	拨线钩挡圈	Wiper collar	1
27	H05016	开口挡圈	E-ring	1
28	11202002	拨线驱动轴	Wiper driving shaft asm.	1
29	101S11001	螺钉 SM3/16"×28 L=9	Screw SM3/16"×28 L=9	4

9. 润滑分组件 OIL LUBRICATION COMPONENTS

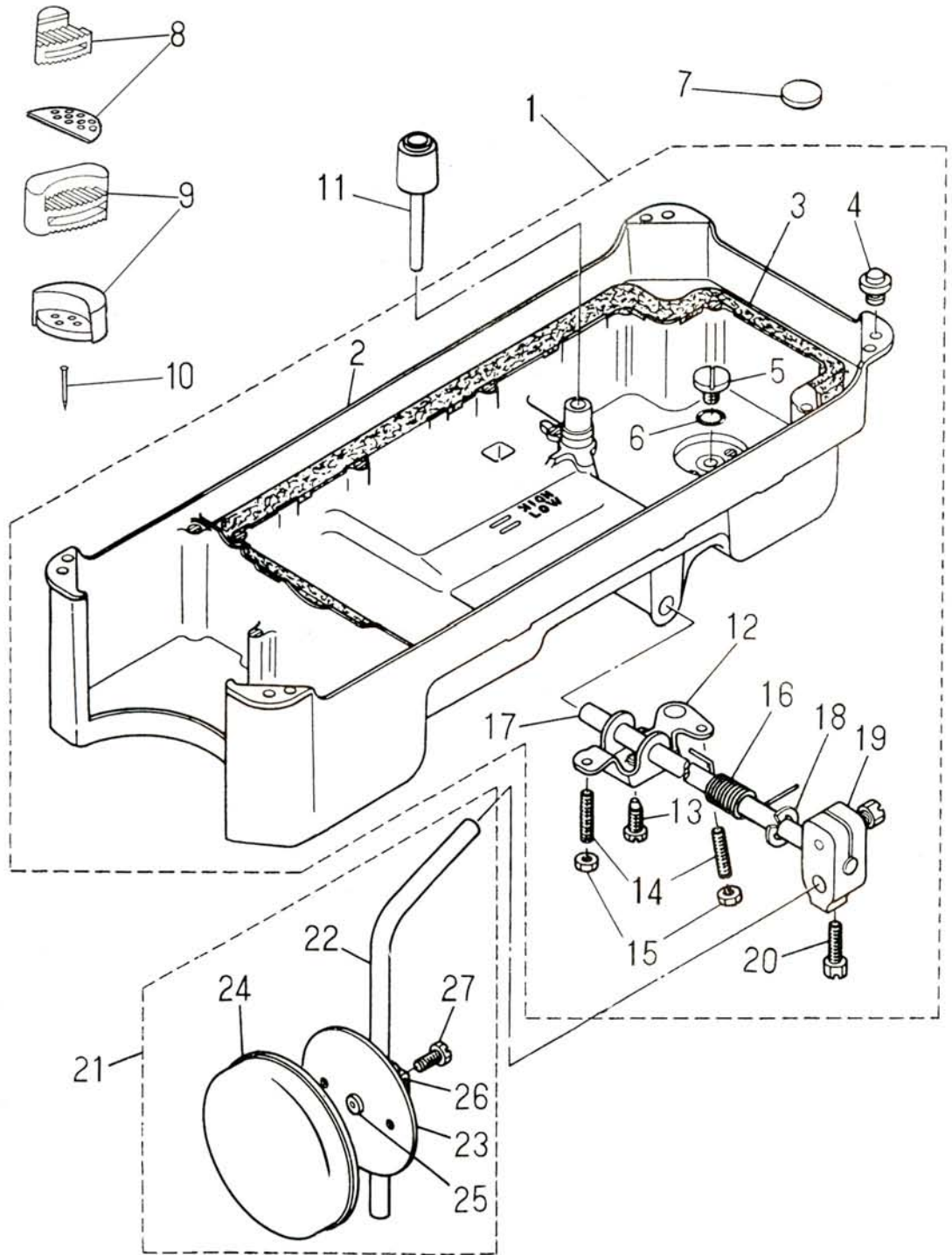


九. 润滑分组件 OIL LUBRICATION COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	11211004	油窗	Oil sight window	1
2	10122019	油窗 O 形圈	Rubber ring	1
3	10121005	上轴供油管	Main shaft oil tube	1
4	101S11004	螺钉	Screw	1
5	10127015	回油毡夹	Oil felt presser	1
6	11221001	回油管部件	Oil returns tube asm.	1
7	10112023	回油管夹	Holder	1
8	10423001	油线	Oil wick	1
9	113S30001	油量调节螺钉	Screw	1
10	11327004	油量调节螺钉弹簧	Spring	1
11	11321001	供油管	Main shaft oil tube	1
12	1012000100	油泵分部件	Lubricating oil pump asm.	1
13	10112020	油泵安装板	Oil pump installing base	1
14	10120001	油泵体	Oil pump	1
15	10100003	油泵叶轮	Oil pump impeller	1
16	101S30006	螺钉	Screw	3
17	10111007	油泵盖	Lubricating oil pump cover	1
18	10112021	油泵叶轮托板	Oil pump impeller cover	1
19	10122018	回油柱塞	Plunger	1
20	10127013	柱塞簧	Plunger spring	1
21	101S30007	螺钉 SM9/32"×32 L=7	Screw SM9/32"×32 L=7	1
22	10121001	下轴供油管	Hook driving shaft oil tube	1
23	101S11031	螺钉	Screw	3
24	116S30003	拾牙叉固定螺钉	Screw	1
25	209S12001	压脚螺钉	Screw	1
26	112S30005	油泵连接螺柱	Oil pump support	1
27	10121007	回油管	Oil returns tube asm.	1
28	10136001	供油管接头	Rubber joint	1
29	W02004	垫圈 6	Washer 6	2
30	10423002	回油毡	Oil felt	1

10. 油盘、膝抬压脚部分组件

OIL LUBRICATION COMPONENTS

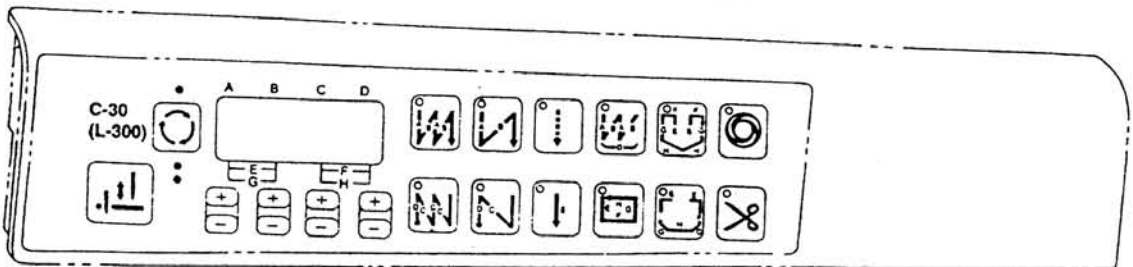
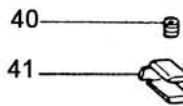
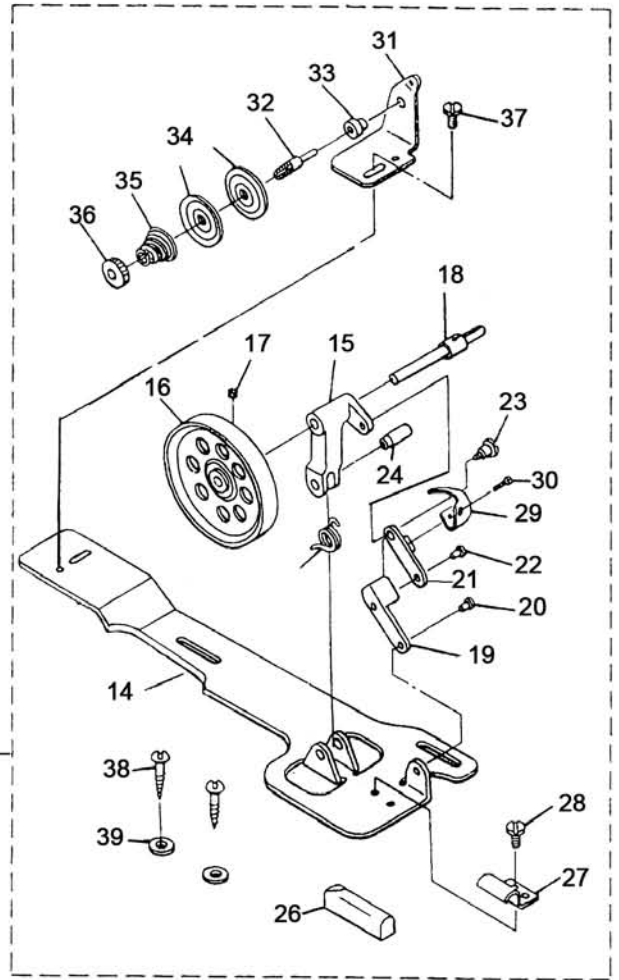
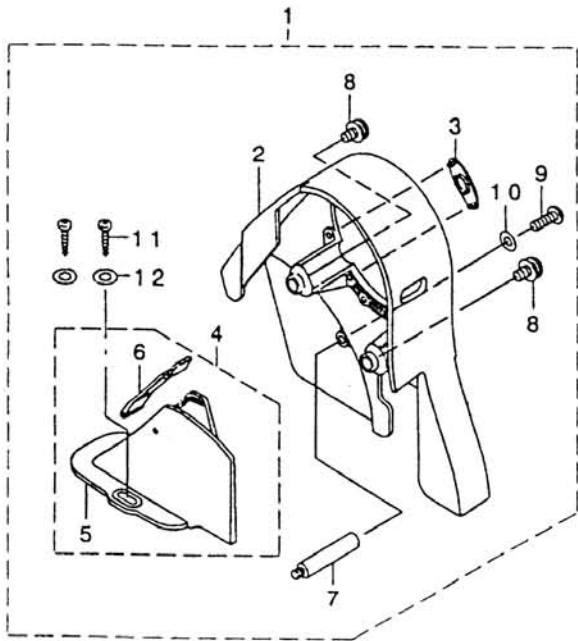


十. 油盘、膝抬压脚部分组件 OIL RESERVOIR、KNEE LIFTER COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Amt.
1	1010100600	油盘部件	Oil reservoir asm.	1
2	10101006	油盘	Oil reservoir	1
3	10122020	油盘垫	Gasket	2
	10122050	油盘垫(二)	Gasket	1
4	10122031	机头座垫(外销)	Rubber cushion	4
5	101S11028	螺钉 M8×1 L=7	Screw	1
6	10122021	O形圈	Rubber ring	2
7	10131001	油盘磁铁	Oil reservoir magnet	1
8	10122022	油盘座垫(内销)	Oil reservoir felt cushion	2
	10122032	油盘座垫(外销)	Oil reservoir felt cushion	2
9	10122023	油盘支架(内销)	Oil reservoir rubber cushion	2
	10122033	油盘支架(外销)	Oil reservoir rubber cushion	2
10	101S30010	油盘座钉(外销)	Nail	4
11	10111005	抬压脚顶杆	Knee press lifter rod	1
12	10112027	抬压脚双向曲柄	Connecting rod, vertical	1
13	101S12002	螺钉	Screw	1
14	101S15012	螺钉 M6 L=16	Screw M6 L=16	2
15	101S16004	双向曲柄限位调节螺母	Net	2
16	10127016	双向曲柄扭簧	Spring	1
17	10102011	抬压脚轴	Knee press rod	1
18	H05010	抬压脚轴开口挡圈	Snap ring	1
19	10101008	抬压脚操纵杆节头	Bearing bracket	1
20	101S12003	螺钉 M8 L=12	Screw	1
21	1011202800	操纵杆部件	Knee press plate asm.	1
22	10112028	操纵杆	Knee lifter plate rod	1
23	10112029	操纵板	Knee press plate	1
24	10122024	操纵板软垫	Knee press plate cover	1
25	10122025	操纵杆垫	Rubber	1
26	10112030	操纵杆节头	Knee press plate holder	1
27	101S12004	螺钉	Screw	1

11. 皮带罩、绕线器、选针盒部件

BELT COVER & BOBBIN & CONTROL BOX MECHANISM



十三. 机头附件 MACHINE HEAD ACCESSORIES

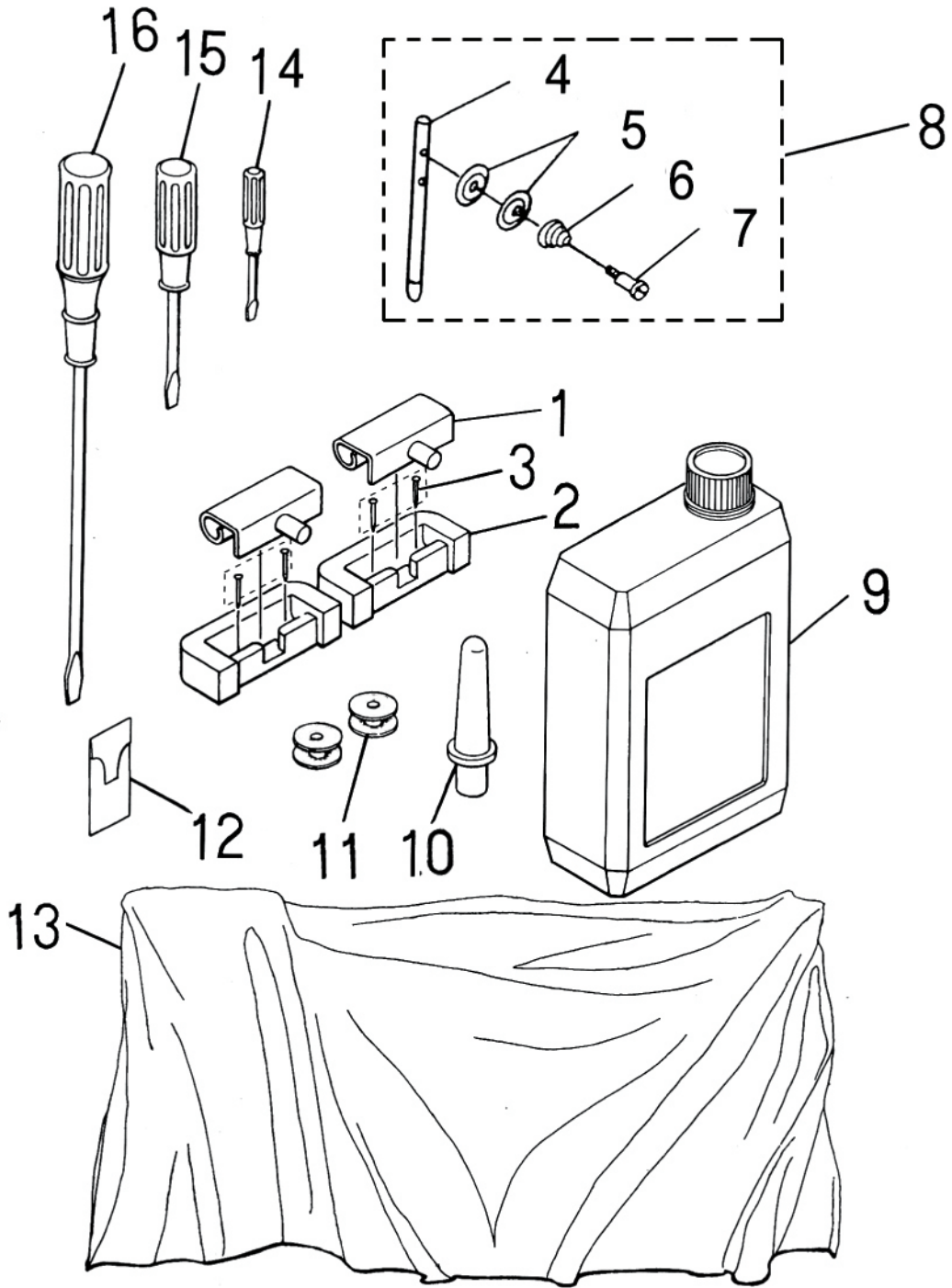
序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	1011203100	机头连接钩部件	Machine hinge plate asm.	2
2	10122026	机头连接钩座	Machine hinge plate	2
3	101S30010	机头连接钩座钉	Nail	4
4	10112008	过线柱	Needle thread guide pin	1
5	10112009	过线夹线板	Tension disc	2
6	10127004	过线夹线簧	Tension spring	1
7	101S30003	螺钉	Screw	1
8	1011300700	过线器部件	Needle thread guide pin asm.	1
9	1011101200	油箱部件	Oil reservoir asm.	1
10	10111011	机头支柱	Machine rest pin	1
11	10118003	梭心	Bobbin	2
12	10117001	机针	Needle	1 包
13	10131005	机头罩	Machine head cover	1
14	10131004	螺丝刀 (小)	Screw driver,small	1
15	10131003	螺丝刀 (中)	Screw driver,mendum	1
16	10131002	螺丝刀 (大)	Screw driver,large	1

十二. 线架分组件 THREAD STAND COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	10122028	线架杆顶防护橡皮	Spool rest rod rubber cap	1
2	10131008	线架杆下节	Spool rest rod (lower)	1
3	10131009	线架杆上节	Spool rest rod (upper)	1
4	10112039	线架杆接头	Spool rested joint	1
5	10112040	线架过线杆	Thread guide asm.	2
6	10112041	线架过线夹	Thread guide asm joint	2
7	S04013	螺钉	Screw	2
8	10113010	过线圈	Thread guide ring	2
9	10131010	线盘钉	Spool pin	2
10	10128009	弹簧垫圈	Spring washer	2
11	101S16006	螺母	Nut	2
12	10111013	线盘	Spool rest	2
13	10111014	线团防松垫	Spool vibration stopper	2
14	10128010	垫圈	Washer	2
15	N02003	螺母	Nut	2
16	10123008	线盘垫	Spool rest cushion	2
17	N01002	螺母	Nut	2
18	S04018	螺钉	Screw	2

13. 机头附件

MACHINE HEAD ACCESSORIES

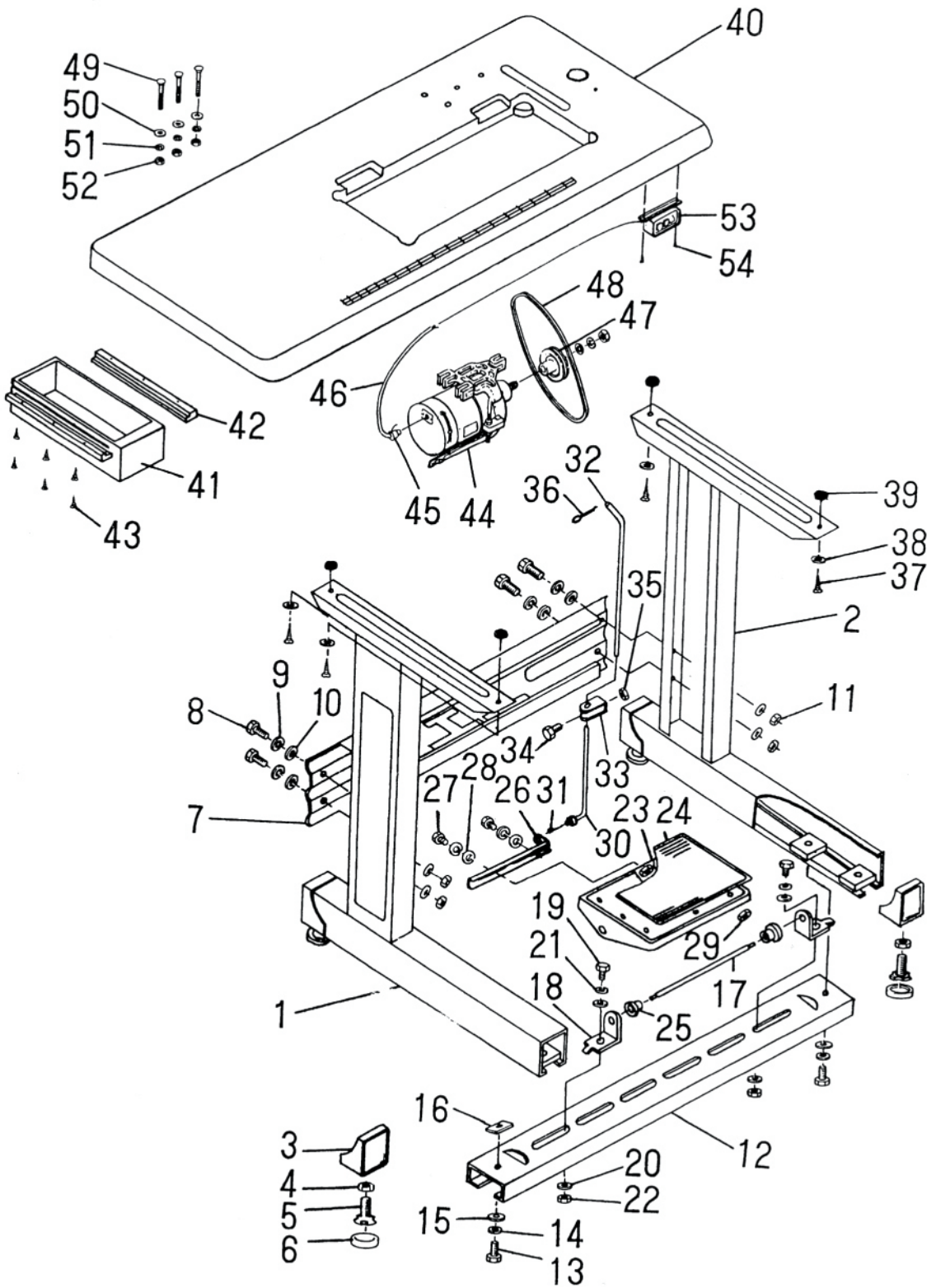


十三. 机头附件 MACHINE HEAD ACCESSORIES

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	1011203100	机头连接钩部件	Machine hinge plate asm.	2
2	10122026	机头连接钩座	Machine hinge plate	2
3	101S30010	机头连接钩座钉	Nail	4
4	10112008	过线柱	Needle thread guide pin	1
5	10112009	过线夹线板	Tension disc	2
6	10127004	过线夹线簧	Tension spring	1
7	101S30003	螺钉	Screw	1
8	1011300700	过线器部件	Needle thread guide pin asm.	1
9	1011101200	油箱部件	Oil reservoir asm.	1
10	10111011	机头支柱	Machine rest pin	1
11	10118003	梭心	Bobbin	2
12	10117001	机针	Needle	1 包
13	10131005	机头罩	Machine head cover	1
14	10131004	螺丝刀 (小)	Screw driver,small	1
15	10131003	螺丝刀 (中)	Screw driver,mendum	1
16	10131002	螺丝刀 (大)	Screw driver,large	1

14. 机架、台板、电器分组件

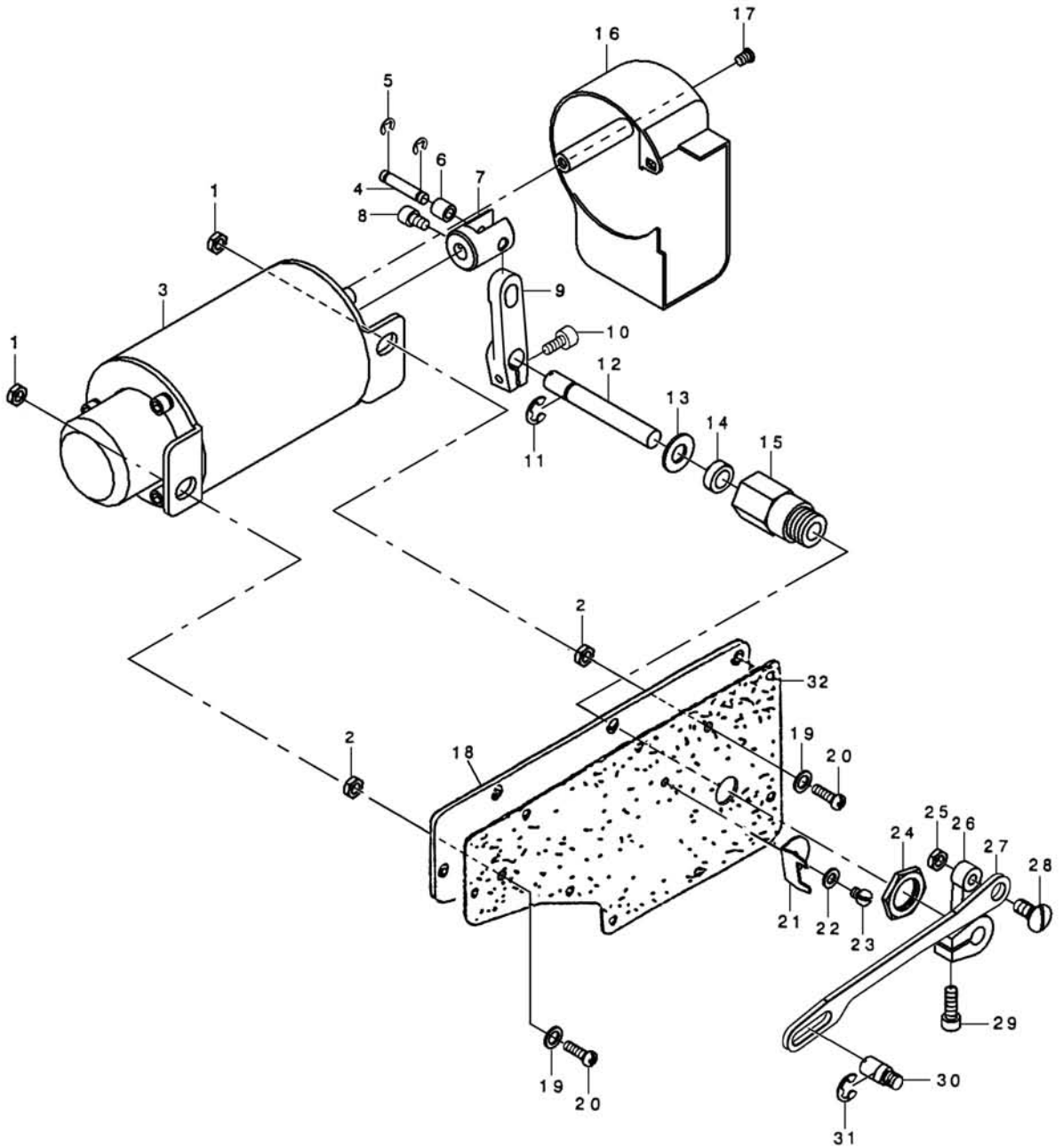
MACHINE STAND, TABLE, ELECTRIC APPLIANCE COMPONENTS



十四. 机架、台板、电器分组件 MACHINE STAND, TABLE, ELECTRIC APPLIANCE COMPONENTS

序号 Ref.No.	件号 Part No.	名称	Description	数量 Qty
1	1011204200	边架部件(左)	Stand side asm. left	1
2	1011204300	边架部件(右)	Stand side asm. right	1
3	10111015	边架座套	Rubber cushion	4
4	N01010	螺母	Nut	4
5	101S30015	调节座	Screw	4
6	10122029	调节座橡胶	Space ring	4
7	10112044	横档	Stand side support	1
8	L02014	横档连接螺栓	Screw	4
9	10128011	垫圈	Spring washer	4
10	W01010	垫圈	Washer	8
11	N01011	螺母	Nut	4
12	10112045	踏板轴档	Treadle brace	1
13	L02014	踏板轴档螺栓	Screw	2
14	10128011	垫圈	Spring washer	2
15	W01010	垫圈	Washer	2
16	10112046	踏板轴档定位螺母板	Treadle brace locknut plate	2
17	10102013	踏板轴	Treadle shaft	1
18	10112047	踏板轴座	Treadle bracket	2
19	L02014	踏板轴座螺栓	Screw	2
20	W01010	垫圈	Washer	4
21	10128011	弹簧垫圈	Spring washer	2
22	N01011	螺母	Nut	2
23	10112048	踏板	Treadle	1
24	10122030	踏板垫	Gasket	1
25	10103023	踏板衬套	Collar	2
26	10112049	踏板栏杆	Treadle pitman	1
27	L02015	踏板栏杆螺栓	Screw	2
28	W01003	垫圈	Washer	4
29	N01012	螺母	Nut	2
30	10112050	下拉杆	Pitman rod, lower	1
31	10127019	拉杆弹簧	Spring	1
32	10112051	上拉杆	pitman rod, upper	1
33	10112052	拉杆接头	Joint	1
34	L02015	拉杆接头螺栓	Joint screw	1
35	N01012	螺母	Nut	1
36	10129001	上拉杆开口销	Pitman rod split pin (upper)	1
37	101S30016	台板木螺钉	Table Wood screw	4
38	10128012	垫圈	Table Wood screw washer	4
39	10128013	台板垫圈	Table washer	4
40	10132002	台板	Table	1
41	10111016	抽斗	Drawer	1
42	10111017	抽斗导轨	Drawer rail	2
43	101S30017	抽斗导轨木螺钉	Drawer rail wood screw	6
44	10133001	GFC4024 型电机	Motor GFC4024 motor	1
45	10130002	电机接线插头	Motor connecting wire plug	1
46	10130003	电机接线	Motor wire	1
47	10135004	电动机带轮	Motor pulley	1
48	10135002	机头传动带	Machine driving belt	1
49	101S30018	螺钉	Screw	3
50	10128014	垫圈	Washer	3
51	10128011	弹簧垫圈	Spring washer	3
52	N01011	螺母	Nut	3
53	10130004	电源开关	Power source switch	1
54	101S30019	电源开关木螺钉	Power source switch wood screw	2

15. 自动抬压脚组件
AUTO LIFTER COMPONENTS



十五. 自动抬压脚部件 AUTO LIFTER COMPONENTS

序号 Ref.NO.	件号 Part NO.	名称	Description	数量 Qty
1	112S16012	支承螺钉小螺母	Nut	2
2	112S16013	支撑架大螺母	Nut	2
3	11230013	自动抬压电磁铁组件	Magnetic plug. asm	1
4	11226007	电磁铁曲柄销	Magnetic plug pin	1
5	H05003	挡圈 5	E-ring 5	2
6	11203003	曲柄套筒	Sleeve	1
7	11201003	电磁铁芯轴接头	Magnetic Plug pin tie-in	1
8	S05038	接头螺钉	Screw	1
9	11204005	电磁铁曲柄	Magnetic crank	1
10	S05013	螺钉	Screw	1
11	H05011	挡圈 9	E-ring 9	1
12	11202003	自动抬压脚轴	Automated presser foot shaft	1
13	11228003	套筒垫片	Washer	1
14	11222016	油封	Oil seal	1
15	11203002	套筒	Sleeve	1
16	11211006	自动抬压脚罩壳	Wiper cover	1
17	S04022	罩壳螺钉	Screw	2
18	11412002	后窗板	Side plate	1
19	11228001	支架支承螺钉垫片	Washer	1
20	112S11015	支架支承螺钉	Screw	1
21	11212037	拉杆支架	Pull rod bracket	1
22	11228002	拉杆支架垫片	Pull rod bracket washer	1
23	112S11014	拉杆支架紧固螺钉	Screw	1
24	112S16011	套筒螺母	Nut	1
25	112S16012	拉杆螺母	Nut	1
26	11204004	自动抬压脚曲柄	Crank	1
27	11412051	拉杆	Pull rod	1
28	112S20008	拉杆螺钉	Screw	1
29	S05004	螺钉	Screw	1
30	112S20009	抬压脚拉杆螺钉	Screw	1
31	H05013	挡圈 6	E-ring 6	1
32	11222010	后窗板垫	Gasket	1