

Beta Electronics

Simhan Brothers, SL7200

直驱自动剪线平缝机

DIRECT-DRIVE, HIGH-SPEED 1-NEEDLE, LOCKSTITCH MACHINE
WITH AUTOMATIC THREAD TRIMMER

SS-9000 **SERIES**

SS-9000S-FH-Y

使用说明书 & 零件样本
Operation instruction & Parts Book

安全操作指南

感谢您购买本公司的缝纫机。

为了机器诸多功能的使用及安全操作，我们必须正确地使用缝纫机。

请在使用前认真阅读产品使用说明书，我们希望您能长期使用我们的产品，请记得把此说明书放在显眼与安全的地方。

1. 无论您什么时候使用缝纫机，请细读所有的操作指南，它包括以下基本安全措施。
2. 在您使用缝纫机前请细读所有的操作指南，但并不仅仅限于此本说明书。另外，请保存好说明书，以便当您需要时可以阅读。
3. 在确认机器符合国家的安全标准规范后使用。
4. 当机器被用来工作或操作时，所有的安全构件必须被定位在指定的位置。没有被指定位置的安全构件的操作是不允许的。
5. 机器必须由经过严格训练的工作人员操作。
6. 为了您个人安全，我们建议您戴上安全眼镜。
7. 发生下列情况时，应立即关掉电源开关，或拔掉电源线插头。
 - 7-1 机针、弯针、分离器等穿线和更换旋梭时。
 - 7-2 更换机针、压脚、针板、弯针、分离器、送布牙、护针器、支架、布导向器等时。
 - 7-3 修理工作。
 - 7-4 工作场所无人了或离开工作场所时。
 - 7-5 使用离合马达时，请等待马达完全停止之后再行。
8. 缝纫机以及附属装置使用的机油、润滑油等液体流入眼睛或粘到皮肤上时，或被误饮时，应立即清洗有关部位并去医院治疗。
9. 禁止用手触摸打开了缝纫机开关通电的零件或装置。
10. 有关缝纫机的修理、改造、调整应由受过专门训练的技术人员或专家来进行。
11. 一般的维修保养应由受过训练合格的人员来进行。
12. 有关缝纫机的电气方面的修理、维修应由有资格的电气技术人员或专家的监督和指导下进行。
13. 修理、保养有关空气、汽缸等压缩空气零件时，应切断空气压缩机供气源后再进行。如有残留压缩空气时，应放掉压缩空气。但受过相当训练的技术人员或专家进行有关调整或确认动作除外。
14. 缝纫机的使用期间应定期进行清扫。
15. 为了正常安全运转，应安装地线。同时应在不受高频焊接机等强噪音源影响下使用。
16. 电源插头应用具有电气专门知识的人来安装。电源插头必须连接到接地插座上。
17. 机器仅用来专业操作，指定用途以外不能使用。
18. 机器的改造和更改在采取所有有效安全措施还应按照安全标准进行。本公司对任何有关机器的改造和更改不负任何责任。
19. 本使用说明书上采用以下2个警告符号。



有损伤操作人员、维修人员的危险。



安全上需要特别加以注意的事项。

IMPORTANT SAFETY INSTRUCTIONS

Congratulations on your purchase of a Company machine.

To get the most out of the many functions of this machine and operate it in safety, it is necessary to use this machine correctly.

Please read this Instruction Manual carefully before use. We hope you will enjoy the use of your machine for a long time. Please remember to keep this manual in a safe place.

1. Observe the basic safety measures, including, but not limited to the following ones, whenever you use the machine.
2. Read all the instructions, including, but not limited to this Instruction Manual before you use the machine. In addition, keep this Instruction Manual to that you may read it at anytime when necessary.
3. Use the machine after it has been ascertained that it conforms with safety rules/standards valid in your country.
4. All safety devices must be in position when the machine is ready for work or in operation. The operation without the specified safety devices is not allowed.
5. This machine shall be operated by appropriately-trained operators.
6. For your personal protection, we recommend that you wear safety glasses.
7. For the following, turn off the power switch or disconnect the power plug of the machine from the receptacle.
 - 7-1 For threading needle(s), looper, spreader etc, and replacing bobbin.
 - 7-2 For replacing part(s) of needle, presser foot, throat plate, looper, spreader, feed dog, needle guard, folder, cloth guide etc.
 - 7-3 For repair work.
 - 7-4 When leaving the working place or when the working place is unattended.
 - 7-5 When using clutch motors without applying brake, it has to be waited until the motor stopped totally.
8. If you should allow oil, grease, etc, used with the machine and devices to come in contact with your eyes or skin or swallow any of such liquid by mistake, immediately wash the contacted areas and consult a medical doctor.
9. Tampering with the live parts and devices, regardless of whether the machine is powered, is prohibited.
10. Repair, remodeling and adjustment works must only be done by appropriately trained technicians or specially skilled personnel. Only spare parts designated can be used for repairs.
11. General maintenance and inspection works have to be done by appropriately trained personnel.
12. Repair and maintenance works of electrical components shall be conducted by qualified electric technicians or under the audit and guidance of specially skilled personnel.

Whenever you find a failure of any of electrical components, immediately stop the machine.
13. Before making repair and maintenance works on the machine equipped with pneumatic parts such as an air cylinder, the air compressor has to be detached from the machine and the compressed air supply has to be cut off. Existing residual air pressure after disconnecting the air compressor from the machine has to be expelled. Exceptions to this are only adjustments and performance checks done by appropriately trained technicians or specially skilled personnel.
14. Periodically clean the machine throughout the period of use.
15. Grounding the machine is always necessary for the normal operation of the machine. The machine has to be operated in an environment that is free from strong noise sources such as high-frequency welder.
16. An appropriate power plug has to be attached to the machine by electric technicians. Power plug has to be connected to a grounded receptacle.
17. The machine is only allowed to be used for the purpose intended. Other uses are not allowed.
18. Remodel or modify the machine in accordance with the safety rules/standards while taking all the effective safety measures. Company assumes no responsibility for damage caused by remodeling or modification of the machine.
19. Warning hints are marked with the two shown symbols.



Danger of injury to operator or service staff



Items requiring special attention

安全注意事项

 危险	1. 为了防止发生触电事故，请不要在打开电源的状态下，打开电气箱盖以及触摸电气箱内的零件。
 注意	1. 为了防止人身事故的发生，请不要在卸下皮带防护罩、手指防护器等安全装置的状态下运转缝纫机。 2. 为了防止被卷入机器的人身事故，缝纫机运转中请不要将手指、头发、衣服靠近皮带轮、V形皮带、马达，也不要东西放到机器上面。 3. 为了防止人身事故的发生，打开电源时以及缝纫机运转中，请不要把手指放到机针的附近。 4. 为了防止人身事故的发生，缝纫机运转中请不要把手指放到挑线杆外置内。 5. 为了防止人身事故的发生，缝纫机运转中请不要把手指放到高速运动件的附近。 6. 为了防止人身事故的发生，放倒缝纫机或返还原来位置时，要注意不要夹住手。 7. 为了防止突然的起动造成人身事故，放倒缝纫机时，或卸皮带罩和V形皮带时，请一定关掉电源。 8. 使用伺服马达时，缝纫机停止马达无声音。为了防止意外的起动造成人身事故，请注意不要忘记关电源。 9. 为了防止触电事故，卸下电源地线的状态，请不要运转缝纫机。 10. 为了防止触电的损坏电气零件，拔电源的插头时，请先关掉机器电源开关。

运转缝纫机前的注意事项

 注意	为了防止机械的错误动作或损伤，请确认如下项目。
● 最初使用缝纫机之前，请把机器打扫干净。 ● 清除运送中积存的灰尘，并加油。 ● 请确认电压设定是否正确。 ● 请确认电源插头是否正确连接。 ● 电压规格不同时，请绝对不要使用。 ● 缝纫机的转动方向是站在带轮侧看为顺时针方向。请注意不要让缝纫机反向转动。	

FOR SAFE OPERATION

	1. To avoid electrical shock hazards, neither open the cover of the electrical box for the motor nor touch the components mounted inside the electrical box.
	1. To avoid personal injury, never operate the machine with any of the belt cover, Finger guard or safety devices removed. 2. To prevent possible personal injuries caused by being caught in the machine, Keep your fingers, head and clothes away from the handwheel, V belt and the motor while the machine is operation. In addition, place nothing around them. 3. To avoid personal injury, never put your hand under the needle when you turn "ON" the power switch or operate the machine. 4. To avoid personal injury, never put your fingers into the thread take-up cover while the machine is in operation. 5. The part rotates at a high speed while the machine is in operation. To prevent possible injury to hands, be sure to keep your hands away from the vicinity of the part rotates during operation. In addition, be sure to turn OFF the power to the machine when replacing the bobbin. 6. To avoid possible personal injuries, be careful not to allow your fingers in the machine when tilting/raising the machine head. 7. To avoid possible accidents because of abrupt start of the machine, turn OFF the power to the machine when tilting the machine head or removing the belt cover and the V belt. 8. If your machine is equipped with a servo-motor, the motor does not produce noise while the machine is at rest. To avoid possible accidents due to abrupt start of the machine, be sure to turn OFF the power to the machine. 9. To avoid electrical shock hazards, never operate the sewing machine with the ground wire for the power supply removed. 10. To prevent possible accidents because of electric shock or damaged electrical components(s), turn OFF the power switch in prior to the connection/disconnection of the power plug.

BEFORE OPERATION



CAUTION:

To avoid malfunction and damage of the machine, confirm the following.

- Before you put the machine into operation for the first time after the set up, clean it thoroughly.
- Remove all dust gathering during transportation and oil it well.
- Confirm that the power plug has been properly connected to the power supply.
- Never use the machine in the state where the voltage type is different from the designated one.
- The direction of rotation of the sewing machine is clockwise as observed from the handwheel side. Be careful not to rotate it in reverse direction.

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使用说明 INSTRUCTIONS FOR OPERATION

1. 规格 SPECIFICATIONS

G E M 9 0 0 0 S - 7 H - Y
 系列型号 ①自动剪线②③
 MODEL AUTOMATIC THREAD TRIMMER

①表示润滑类型 LUBRICATE GENRE

W-干机头型(无油) DRY HEAD

S-微量供油型 MINUTE-QUANTITY LUBRICATION

②表示适缝范围 APPLICATION

M-薄、中厚料(省略) FOR LIGHT-TO MEDIUM-WEIGHT MATERIALS

H-厚料 FOR HEAVY-WEIGHT MATERIALS

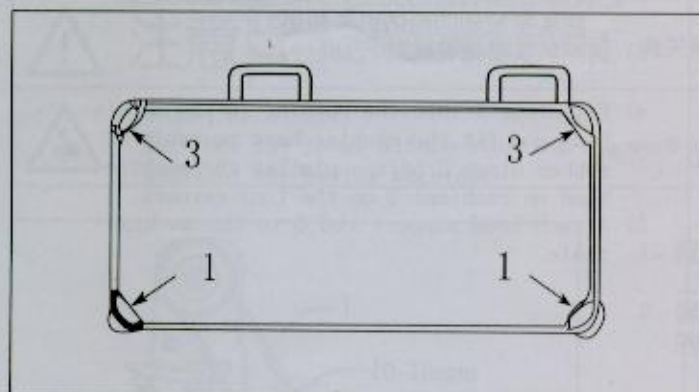
③自动剪线结构形式 AUTOMATIC THREAD TRIMMER

Y-圆刀剪线 CIRCINAL KNIFE

机种名	干机头型		微量供油型	
	9000W-7	9000W-7H	9000S-7	9000S-7H
	9000W	9000WH	9000S	9000SH
	9000W-7-Y	9000W-7H-Y	9000S-7-Y	9000S-7H-Y
用途	薄料 - 中厚料	厚料	薄料 - 中厚料	厚料
最高缝制速度	4,000rpm	3,500rpm	4,000rpm	3,500rpm
最大缝迹长度	4mm	5mm	4mm	5mm
最大压脚上升量	手动 5.5mm/ 膝动 15mm			
旋梭	专用无供油旋梭 [特殊花边面为塑料的旋梭]		自动供油全回转旋梭	
机针	DB × 1 #9~#18	DB × 1 #20~#23	DB × 1 #9~#18	DB × 1 #20~#23

chance grow	Dry head		Minute-quantity lubrication	
	9000W-7	9000W-7H	9000S-7	9000S-7H
	9000W	9000WH	9000S	9000SH
	9000W-7-Y	9000W-7H-Y	9000S-7-Y	9000S-7H-Y
Application	For light-to medium-weight materials	For heavy-weight materials	For light-to medium-weight materials	For heavy-weight materials
sewing speed	4,000rpm	3,500rpm	4,000rpm	3,500rpm
Max. stitch length	4mm	5mm	4mm	5mm
presser footlift	5.5mm/ 15mm			
revolve snuttle	naught oil revolve snuttle		contess oil revolve snuttle	
Needle	DB × 1 #9~#18	DB × 1 #20~#23	DB × 1 #9~#18	DB × 1 #20~#23

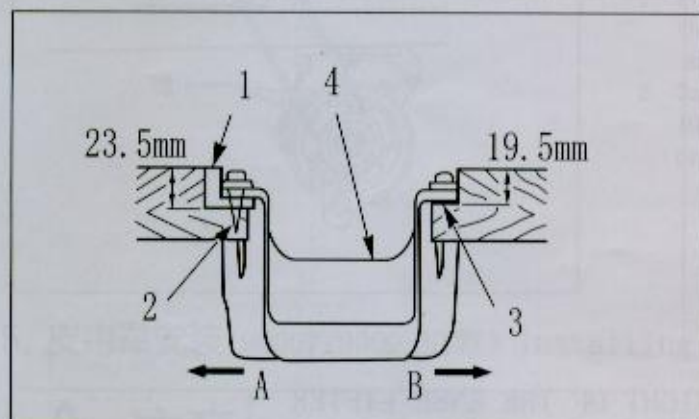
2. 缝纫机的安装 INSTALLATION



(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A的两个头部橡胶支座1钉到机台伸出部，用粘接剂固定好铰链侧B的两个头部胶垫座3，然后把底槽4放上去。
- 3) 请卸下机台的放气盖5。（搬动机头时，请一定要把放气盖5盖上。）

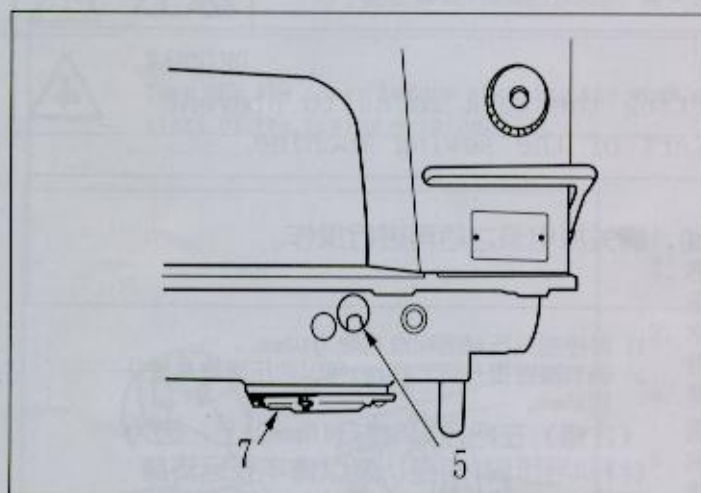
(注意) 不卸下放气盖5运转缝纫机的话，从齿轮箱7就会有油漏出。

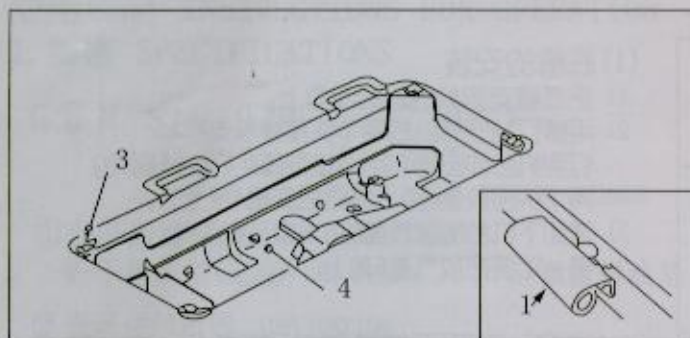


(1) Installing the under cover

- 1) The under cover 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 under cover 4 on the fixed seats.
- 3) Removed air vent cap 5 attached to the machine bed. (Be sure to attach cap 5 when transporting the machine head in the state that the machine head is removed from the machine table.)

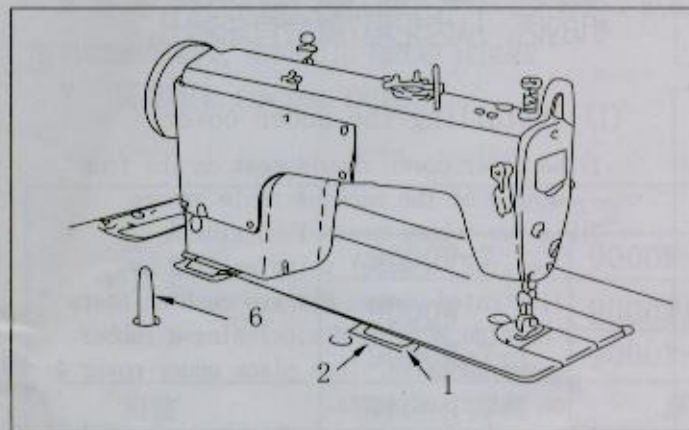
(Caution) If the sewing machine is operated without removing air vent cap 5, oil leakage from gear box portion 7 may occur.





- 4) 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。
- 5) 请把机头支撑杆6安装到机台上。

- 4) 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.
- 5) Attach head support rod 6 to the machine table.



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



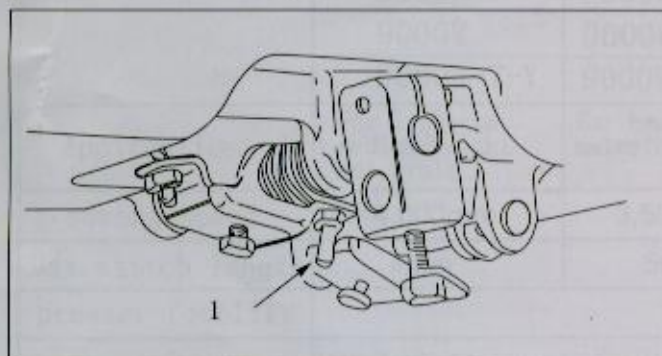
WARNING:

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



注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。

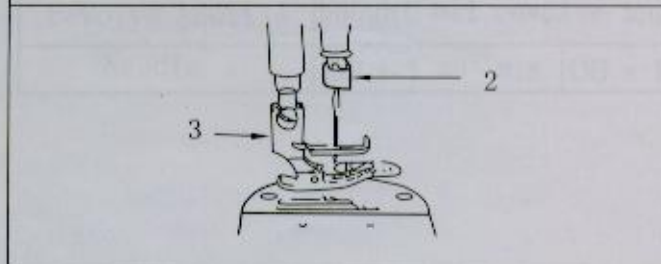


- 1) 膝控提升压脚的标准高度为10mm。
- 2) 调节膝控提升调节螺丝1可以把压脚最高提升到15mm。

(注意) 在把压脚3提升10mm以上，因为针杆2与压脚3相碰，所以请不要运转缝纫机。

- 1) The standard height of the presser foot lifted using the knee lifter is 10mm.
- 2) You can adjust the presser foot lift up to 15mm using knee lifter adjust screw 1.

(Caution) Do not operate the sewing machine in the state that the presser foot 3 is lifted by 10 mm or more since the needle bar 2 comes in contact with the presser foot 3.



4. 皮带安装 (9000W/9000S机型) Installing the belt



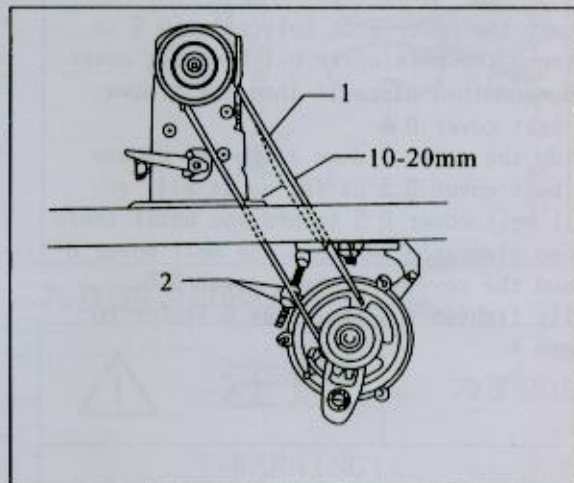
注意

为了防止缝纫机的意外启动, 请关掉电源之后再进行操作。



WARNING:

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



1. 将机头向后倾斜, 然后将皮带1放置在上轮和电机轮上.
2. 调节螺母2, 使当手指用9.8牛(1千克)的力压皮带1时, 皮带应偏斜10-20mm.

1. Tilt back the machine head, and then place the belt 1 onto the motor pulley and the machine pulley.
2. Turn the nut 2 to adjust so that there is 10-20mm of deflection in belt 1 when it is pressed with a finger with a force of 9.8N(1kgf)

5. 皮带罩安装 (9000W/9000S机型) Installing the belt cover



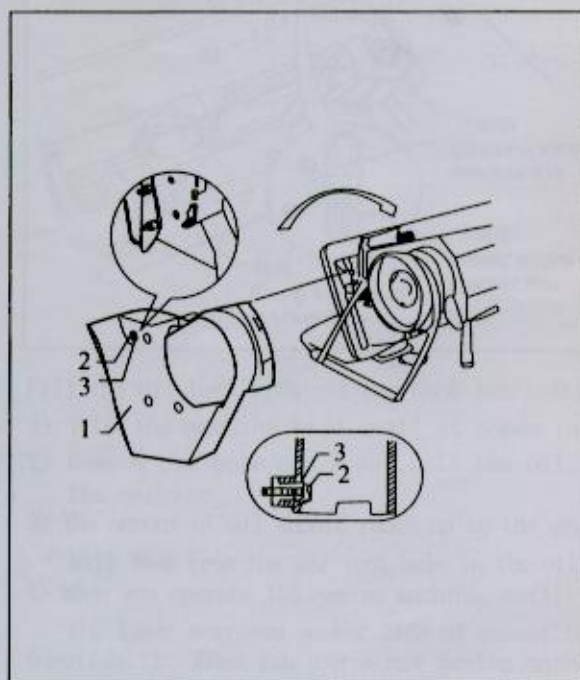
注意

为了防止缝纫机的意外启动, 请关掉电源之后再进行操作。



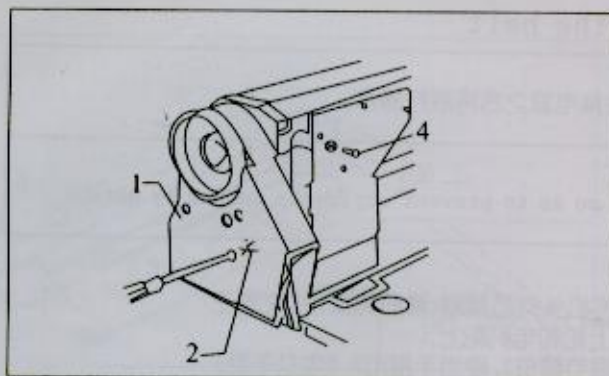
WARNING:

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

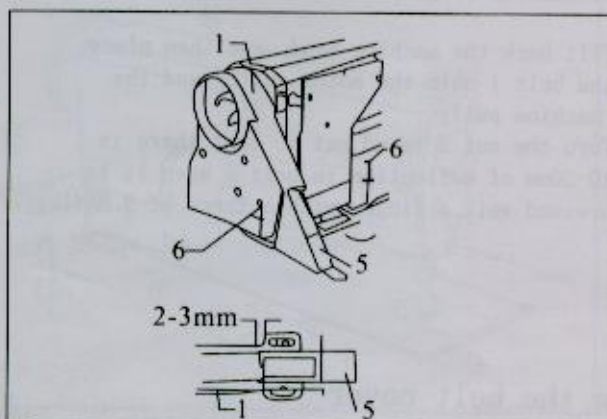


1. 将机头翻倒.
2. 将螺钉2和垫圈3固定在上皮带罩1里面的橡皮垫上. (四处)
3. 将上皮带罩1安放在机头上轮上, 翻转机头恢复到原位.
4. 按第2步拧紧4个螺钉2和螺钉4, 将上皮带罩1固定好.
5. 将下皮带罩5与上皮带罩1的重叠部分为2-3mm, 然后临时性拧紧两个螺钉6.

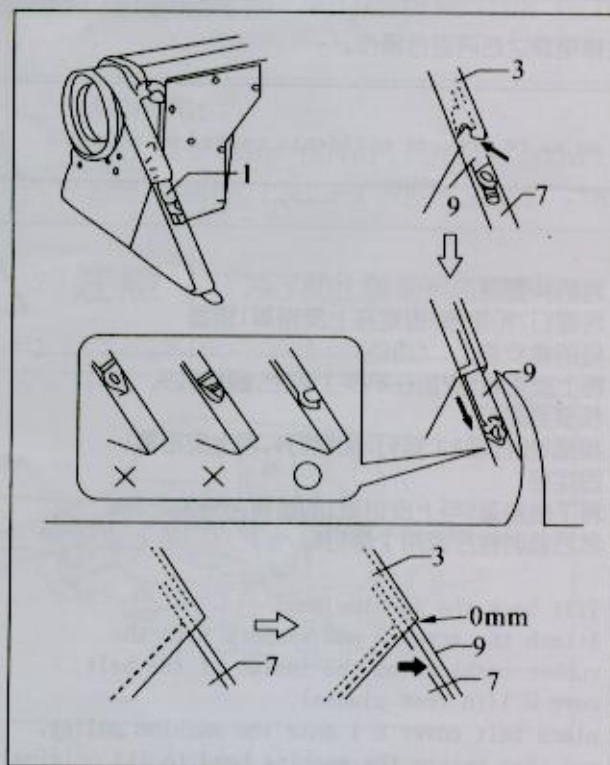
1. Tilt back the machine head.
2. Attach the screw 2 and washers 3 to the rubber cushions on the inside of the belt cover U 1 (in four places).
3. Place belt cover U 1 onto the machine pulley, and then return the machine head to its original position.
4. Tighten the four screws 2 attached in step 2. above and the screw 4 to install belt cover U 1.
5. Place belt cover D 5 so that it overlaps the belt cover U 1 by 2-3mm, and then provisionally tighten the two screws 6.



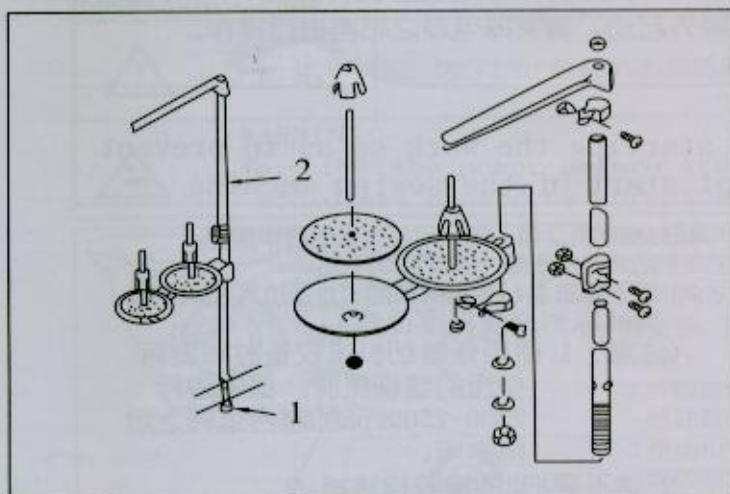
6. 将下皮带罩5的防护盖7放在下皮带罩5与上皮带罩1之间, 然后将其放入下皮带罩5的凹槽内
7. 将防护盖7沿下皮带罩5的凹槽尽可能滑下
8. 将下皮带罩5向操作者方向拉, 直到上皮带罩1与下皮带罩5的防护盖7之间无空隙
9. 参考第5步, 完全拧紧2个螺钉.



6. Insert the cover 7 of belt cover D 5 in between the belt cover U 1 and belt cover D 5, and then place it into the groove of belt cover D 5.
7. Slide the cover 7 down along the groove of belt cover D 5 as far as it will go.
8. Pull belt cover D 5 toward you until there is no clearance between the belt cover U 1 and the cover 7 of belt cover D 5.
9. Fully tighten the two screw 6. (refer to step5.)



6. 线架的安装 INSTALLING THE THREAD STAND



- 1) 如图所示那样把线架安装到机台孔上。
- 2) 用固定螺母1固定线架。

- 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.

7. 加油 LUBRICATION



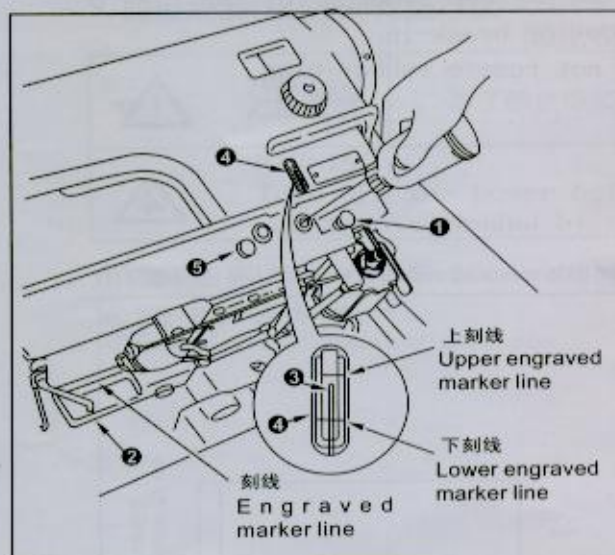
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



运转缝纫机之前，请一定往旋梭油槽中加油。

- 1) 把缝纫机放倒，并支到机头支撑杆上。
- 2) 卸下加油口盖 1，使用附件的加油壶加入 OIL No.10# 机油。
- 3) 请将油加满到油槽 2 的刻线位置。请注意加油过多的话，机油会从油槽空气孔漏出来，也会发生不能正常加油的现象。
- 4) 使用缝纫机时，如果油量指示杆 3 指到油量指示窗 4 的下刻线以下，请进行加油。

(注意) 1. 使用新缝纫机或较长时间没有使用的缝缝机时，请先进行3000-3500 rpm 的磨合运转之后再使用。

2. 请不要将 5 的橡胶栓拔掉。

Fill the oil tank with oil for hook lubrication before operating the sewing machine.

- 1) Tilt the machine head until it comes in contact with the head support rod.
- 2) Remove oil hole cap 1 and fill the oil tank with OIL No.10# using the oiler supplied with the machine.
- 3) The amount of oil should reach up to the engraved maker line of oil tank 2. If the oil is filled excessively it will leak from the air vent hole in the oil tank of proper lubrication will be not performed. So, be careful.
- 4) When you operate the sewing machine, refill oil if the top end of oil amount Indicating rod 3 comes down to the lower engraved marker line of amount indicating window 4.

(Caution): 1. When you use a new sewing machine or a sewing machine after an extended period of disuse, run you machine at 3000-3500 rpm for the purpose of break-in.

2. Do not remove rubber plug 5.



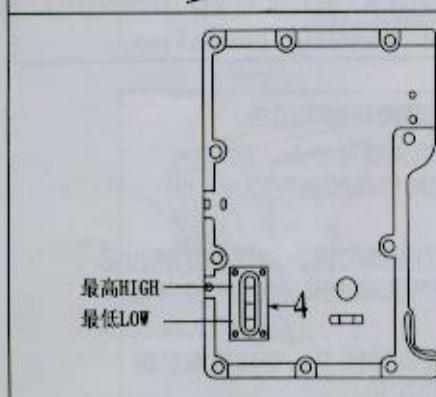
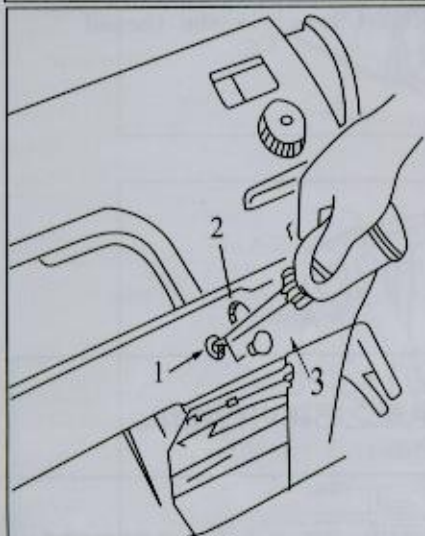
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



运转缝纫机之前，请一定往旋梭油槽中加油。

- 1) 把缝纫机放倒，并支到撑杆上。
- 2) 卸下加油盖1，使用附属的加油壶加入10#白油到油标刻度线标准位置4。

(注意) 1. 使用新缝纫机或较长时间没有使用的缝纫机时，请先进行2000-2500rpm的磨合运转之后再使用。

2. 请不要把2的橡胶栓拔掉。

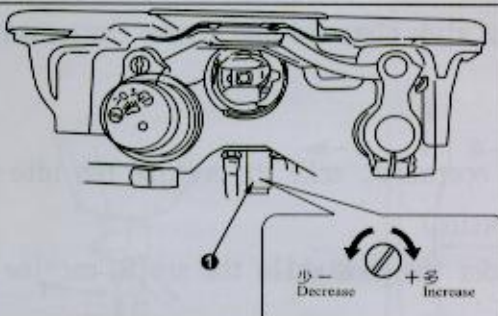
Fill the oil tank with oil for hook lubrication before operating the sewing machine.

- 1) Tilt the machine head until it comes in contact with the head support rod.
- 2) Remove oil hole cap 1 and fill the tank with NEW Defrix Oil NO.1 using the oiler supplied with the machine.

(caution) 1. When you use a new sewing machine or a sewing machine after an extended period of disuse, run your machine at 2000-2500rpm for the purpose of break-in.

2. Do not remove rubber plug

8. 旋梭油量的调整/ADJUSTING THE AMOUNT OF OIL IN THE HOOK

 注意	为了防止缝纫机的意外启动, 请关掉电源之后再进行操作。
 WARNING:	Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine.
	旋梭油量用旋梭油量调节螺丝 1 来调节。 (1)调节方法 拧紧(向左转动)旋梭油量调节螺丝 1 后, 旋梭油量变多, 拧松(向右转动)旋梭油量变少。 (注意) 1.W型缝纫机使用RP旋梭(干式旋梭)时, 请一定把油量调到最小, 不让机油流出。 2.使用RP旋梭(干式旋梭)时, 也一定不要把机油槽的油放掉。

Adjustment of the amount of oil in the hook is performed with oil amount adjustment screw 1.

1) Adjustmet procedure

Tighten (turn clockwise) oil amount adjustment screw 1 to increase the amount of oil in the hook, or loosen (turn counterclockwise) to decrease it.

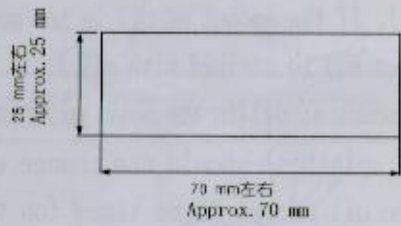
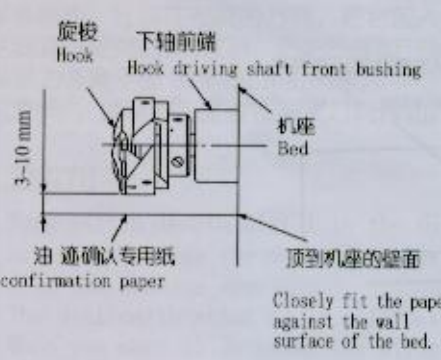
(caution) 1. When using RP hook(hook for dry head) for the SS type, be sure to loosen the oil amount adjustment screw up to the minimum so as to reduce the oil amount in the hook.

2.Never drain the oil in the oil tank even when RP hook (hook for dry head) is used.

9. 旋梭油量(油迹)的调整方法/ADJUSTING THE AMOUN OF OIL (OIL SPLASHES)IN THE HOOK

 注意	为了防止缝纫机的意外启动, 请关掉电源之后再进行操作。
 WARNING:	Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine.

(1) 油量(油迹)确认方法/How to confirm the amount of oil (oil splashes)

① 油量(油迹)确认专用纸 ① Amount of oil (oil splashes)confirmation paper  ★ 不用考虑纸的质量。 ★ Use any paper available regardless of the material.	② 油量(油迹)确认位置 ② Position to confirm the amount of oil (oil splashes)  ★ 把油量(油迹)确认专用纸缝到旋梭下面。 ★ Place the amount of oil (oil splashes) confirmation paper under the hook.
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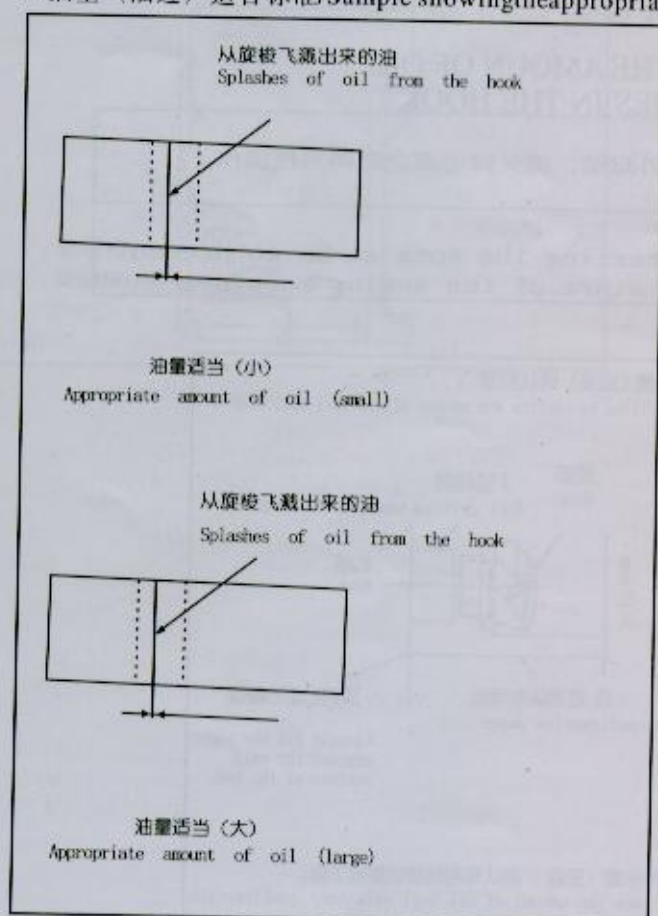
* 进行下列 2) 的作业时, 请卸下针板推板, 同时请十分注意手指不要碰到旋梭。

- 1). 机头冷却时, 请进行3分钟左右的空载运转。(适当的间歇运转)
- 2). 请在缝纫机转动时将油量(油迹)确认专用纸插入。
- 3). 确认油槽中是否有油。
- 4). 油量(油迹)确认时间为5秒。(用表来测定)

* 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 splashes confirmation paper under the hook while the sewing machine is in operation.
- 3). Confirm that oil exists in the oil tank.
- 4). Confirmation of the amount of oil should be completed in five seconds. (Check the period of time with a watch.)

2. 油量(油迹)适合标准/Sample showing the appropriate amount of oil



1). 左图标样根据缝制供需要微量增减, 但注意不要过大增加或减少。

(油量过少时, 会烧坏旋梭(发热)。油量过多时, 会污染缝制品。)

2). 油量(油迹)应确认3次(3张)均无变化。

1). The amount of oil shown in the sample 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).

10. 机针的安装方法 ATTACHING THE NEEDLE



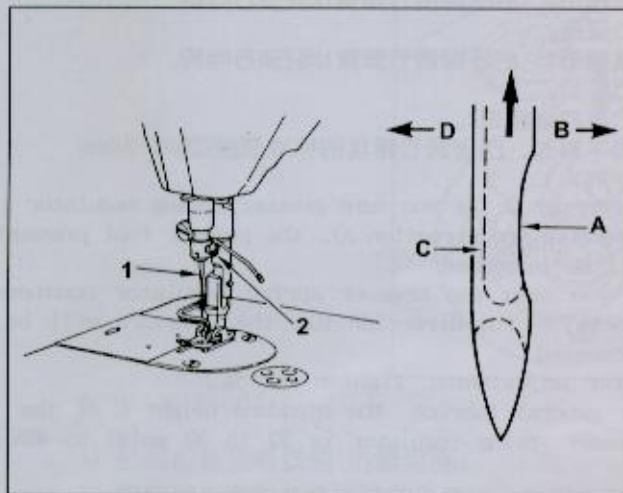
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



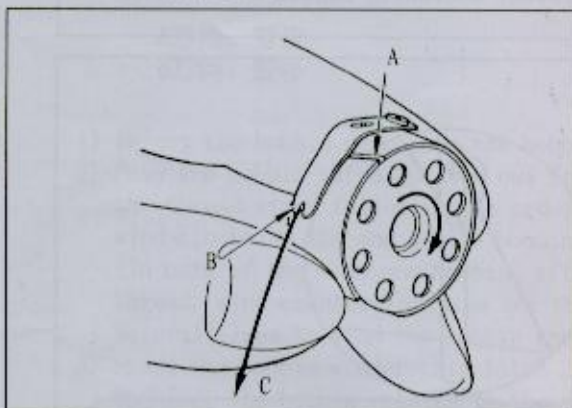
A needle of DBx1 #14 should be used. Select a proper needle size according to the count of thread and the type of material used.

- 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.

标准用针为DBx1 #14。机针有各种编号，根据所用线的粗细和缝料来选择适当的机针。

- 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度。
- 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。

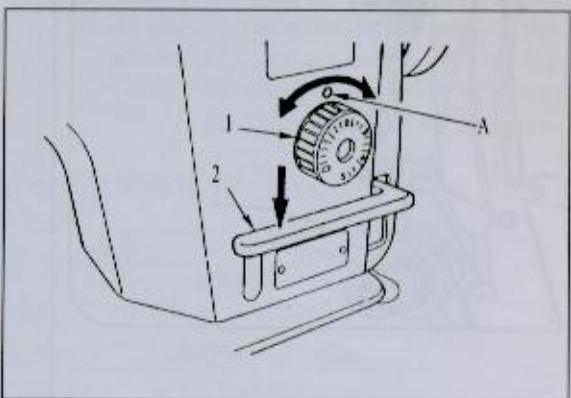
11. 梭心安装方法 SETTING THE BOBBIN INTO BOBBIN CASE



- 1) Install the bobbin case so that the thread wound direction is clockwise.
- 2) 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.
- 3) Check that the bobbin rotates in the direction of the arrow when thread C is pulled.

- 1) 手拿梭心，让线往左绕的方向，把它放入梭壳。
- 2) 把线穿过梭壳的穿线口A，后把线往B方向拉，从线张力弹簧下面的穿线口B拉出来。
- 3) 拉底线C，确认梭心是否按箭头方向转动。

12. 缝迹长度的调节 ADJUSTING THE STITCH LENGTH



- 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.

- 1) 沿箭头方向转动松布调节盘1，并把希望的数字对准机臂的刻点A。
- 2) 刻度盘的数字为mm。
- 3) 从大往小变更松布刻度时，请向箭头方向按下送布杆拨杆2的同时转动调节刻度盘1进行调节。

13. 压脚压力的调节 PRESSER FOOT PRESSURE



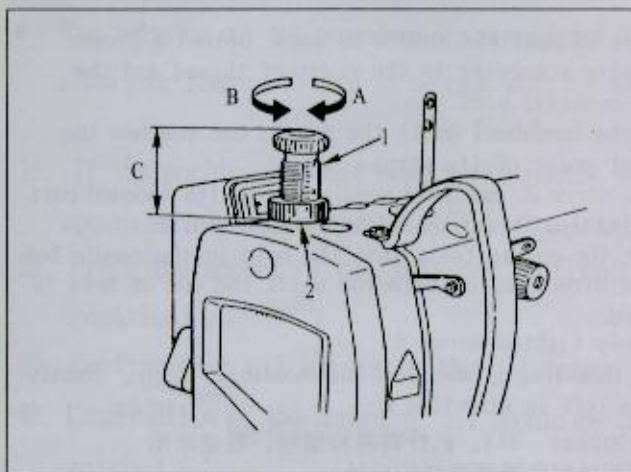
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



- 1) 拧紧螺母2，把压脚调节弹簧1向右A方向转，压力变强。
- 2) 拧紧螺母2，把压脚调节弹簧1向右B方向转，压力变弱。
- 3) 调节后拧紧螺母2。
- 4) 一般不料时，压脚调节螺丝的标准高度C为32-30mm (40-45N.)
- 1) Loosen nut 2. As you turn presser spring regulator 1 clockwise (in direction A), the presser foot pressure will be increased.
- 2) As you turn the presser spring regulator counter-clockwise (in direction B), the pressure will be decreased.
- 3) After adjustment, tighten nut 2.
- 4) For general fabrics, the standard height C of the presser spring regulator is 32 to 30 mm(40 to 45N.)

14. 上线穿线方法 THREADING THE MACHINE HEAD



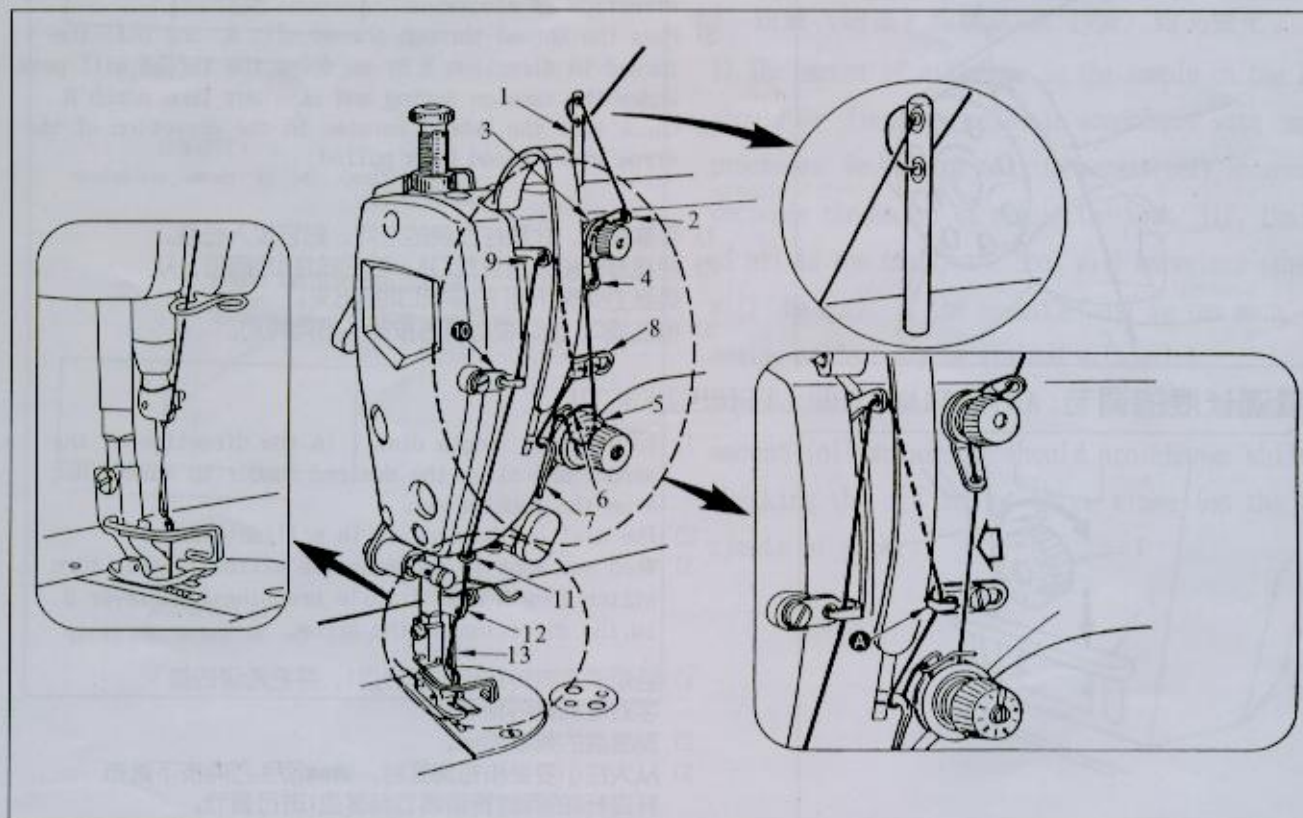
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。

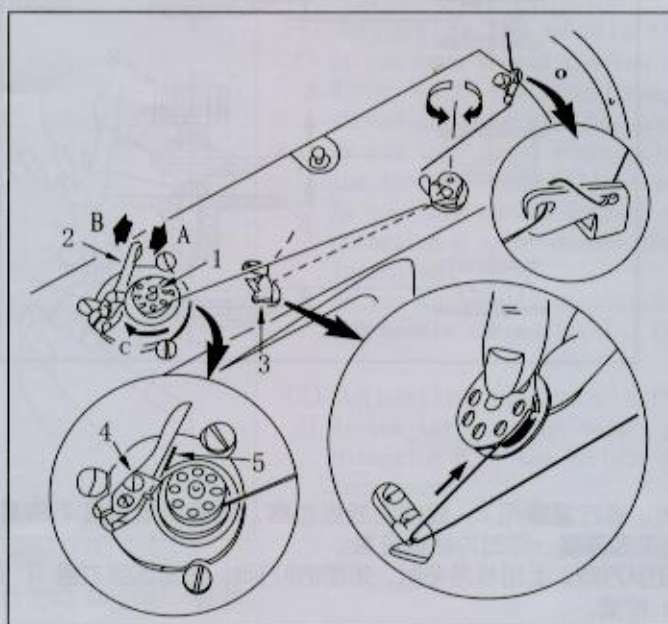


WARNING:

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



15. 底线卷绕方法 WINDING THE BOBBIN THREAD

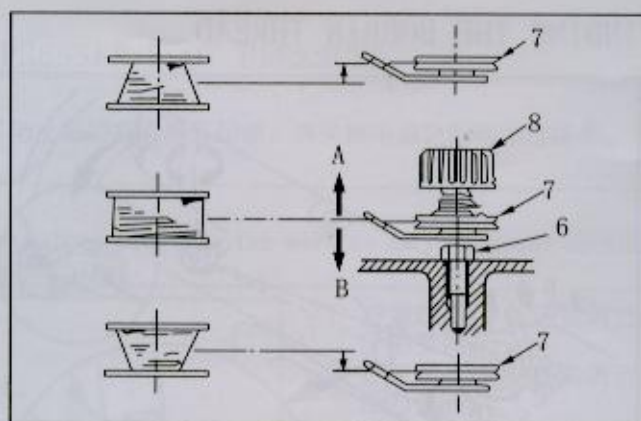


- 1) 把梭心推到卷线轴1的最里面。
- 2) 把线架右侧的卷线如图所示穿线，并把线端向右缠绕数圈。
(绕梭心时，把线端向右缠绕后，再把线张力盘过来的线向左缠绕数圈后，就容易绕线了。)
- 3) 把卷线扳手2推到A方向，转动缝纫机。梭心向C方向转动，线卷绕到梭心上。
卷绕结束后卷线轴1自动停止。
- 4) 取下梭心，用切线保持板3切断机线。
- 5) 调整底线卷线量时，请拧紧固定螺钉4，把调节板5移动到A方向或B方向，然后再后固定螺丝4。

A方向：变少

B方向：变多

- 1) Insert the bobbin deep into the bobbin winder spindle 1 until it will go no further,
- 2) Pass the bobbin thread pulled out from the spool rested on the right side of the thread stand following the order as shown in the figure on the left. The, wind clockwise the end of the bobbin thread on the bobbin several times.
(In case of the aluminum bobbin, after winding clockwise the end of the bobbin thread, wind counterclockwise the thread coming from the bobbin thread tension several times to wind the bobbin thread with ease.)
- 3) Press the bobbin winder trip latch 2 in the direction of A and start the sewing machine. The bobbin rotates in the directing of C and the bobbin thread is wound up. The bobbin winder spindle 1 automatically as soon as the winding is finished
- 4) Remove the bobbin and out the bobbin thread with the thread cut retainer 3.
- 5) To adjust the winding amount of the bobbin thread, loosen the setscrew 4 and move the bobbin winder adjusting plate 5 to the direction of A or B. Then, tighten the setscrew 4.
To the direction of A: Decrease
To the direction of B: Increase



- 6) 如果线不能平绕梭心时, 请拧紧螺母 6, 转动卷线张力器, 调整线张力盘 7 的高度。
 . 旋梭中心和线张力盘中心高度一样时为标准位置。
 . 下部卷得多时, 如图的A方向, 上部卷得多时, 如图的B方向, 移动线张力盘 7 的位置。
 调整后, 把固定螺钉 6 拧紧。
- 7) 调整底线卷绕张力时, 请转动线张力螺母 8 进行调整。

(注意) 1. 卷绕底线时, 请在梭芯和线张力盘 7 之间拉线的状态, 开始绕线。
 2. 不进行缝制的状态, 卷绕底线时, 请把上线从挑线杆线道上卸下来, 从旋梭里把梭芯卸下来。

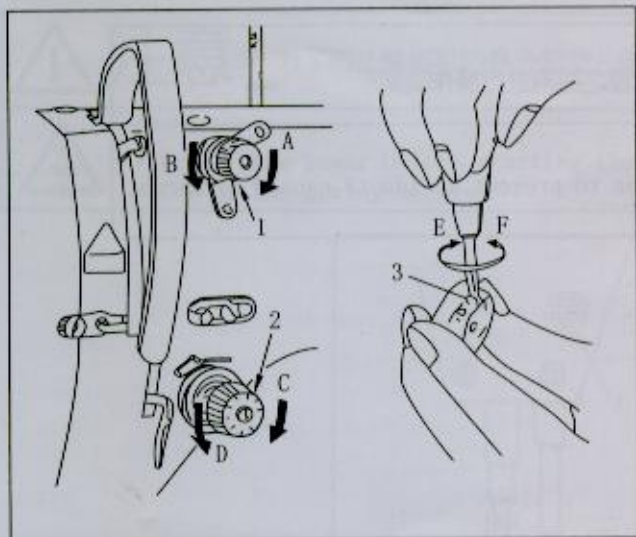
- 6) In case that the bobbin thread is not wound evenly on the bobbin, loosen the 6 and turn the bobbin thread tension to adjust the height of the thread tension disk 7.
 . It is the standard that the center of the bobbin is as high as the center of the thread tension disk.
 . Move the position of the thread tension disk 7 to the direction of A as shown in the figure on the left when the winding amount of the bobbin thread on the lower part of the bobbin is excessive and to the direction of B as shown in the figure on the left when the winding amount of the bobbin thread on the upper part of the Bobbin is excessive.

After the adjustment, tighten the nut 6.

- 7) To adjust the tension of the bobbin winder, turn the thread tension nut 8.

(Caution) 1. When winding the bobbin thread, start the winding in the state that the bobbin and thread tension disk 7 is tense.
 2. When winding the bobbin thread in the state that sewing is not performed, remove the needle thread from the thread path of thread take-up and remove the bobbin from the hook.

16. 线张力 THREAD TENSION



(1) 上线张力的调整

- 1) 把第一线张力螺母 1 顺时针方向 (A 方向) 转动, 上线张力变强。
- 2) 把第一线张力螺母 1 逆时针方向 (B 方向) 转动, 上线张力变弱。
- 3) 把线张力螺母 2 向右 C 方向转动, 上线张力变强。
- 4) 向左 D 的方向转动则变弱。

(2) 底线张力的调整

- 1) 把线第刀螺丝 3 向右 E 的方向转动, 底线张力变强。
- 2) 向左 F 的方向转动则变弱。

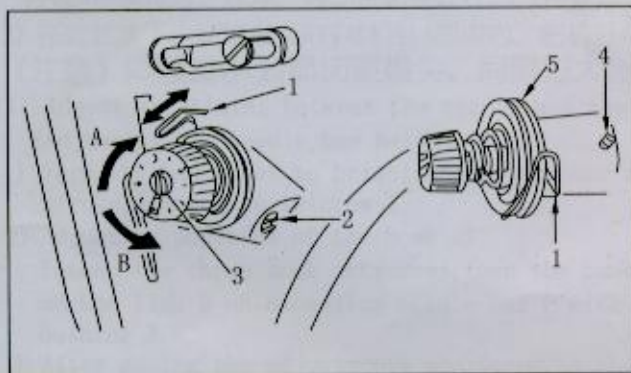
(1) Adjusting the needle thread tension

- 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 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.

17. 拉线弹簧 THREAD TAKE-UP SPRING



(1) 要改变拉线弹簧 1 的行程时,

- 1) 拧松线张力台固定螺丝 2。
- 2) 把线张力杆 3 向右 A 的方向转动则变大。
- 3) 向左 B 的方向转动则变小。

(2) 要改变拉线弹簧 1 的压力时,

- 1) 拧松固定螺丝 2, 卸下张力器 (组件) 5。
- 2) 拧松线张力杆固定螺丝 4 进行调整。
- 3) 把张力杆 3 向右 A 的方向转动则变强。
- 4) 向左 B 的方向转动则变弱。

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

- 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 counterclockwise (in direction B), the pressure will be decreased.

18 挑线杆挑线量的调节 ADJUSTING THE THREAD TAKE-UP STROKE



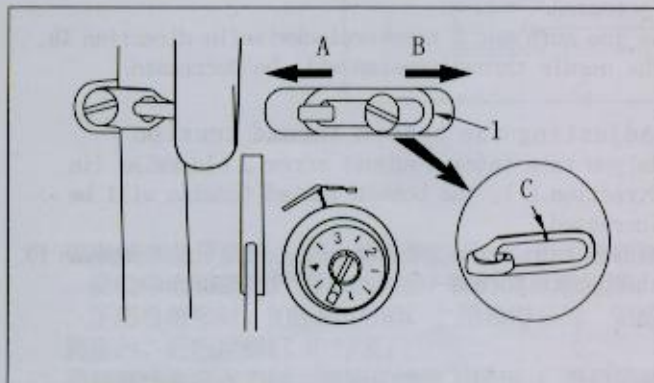
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



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，把导线器1向左A的方向移动，挑线量变大。
- 2) 缝制薄料时，把导线器1向左B的方向移动，挑线量变小。
- 3) 导线器1的刻线C在螺丝的中心位置时是标准位置。

- 1) When sewing heavy-weight materials, move thread guide 1 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.

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



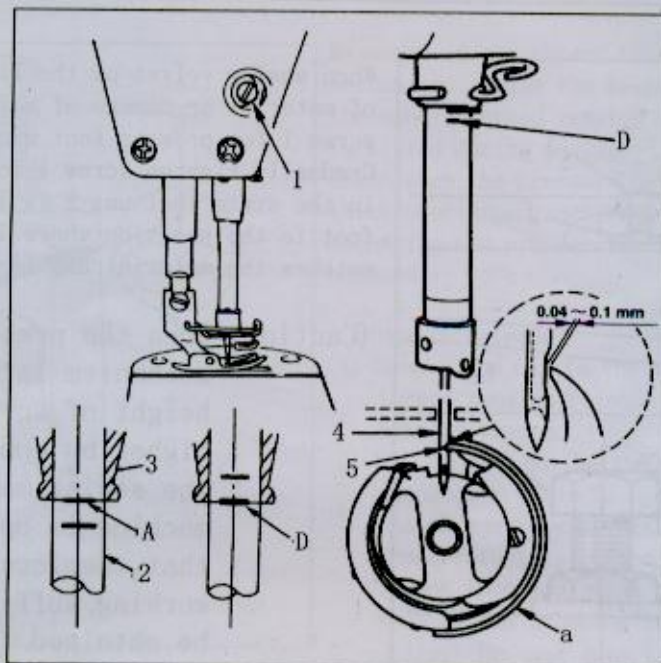
注意

为了防止缝纫机的意外起动，请关掉电源之后再进行操作。



WARNING:

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



(1) 请按如下方法调整机针和旋梭。

(决定针杆高度)

1) 转动带轮，让针杆降到最下点 A，然后拧松针杆连接柱固定螺丝 1。

2) (决定旋梭 a 的安装位置)

拧松 3 棵旋梭固定螺丝，转动带轮在针杆 2 上升的方向，把刻线 D 对准针杆下轴套 3 的下端，拧紧针杆连接柱固定螺丝 1。

3) 在此状态下，让旋梭尖 5 对准机针 4 的中心，把机针与旋梭的间隙调整为 0.04~0.1mm (大致)，然后拧紧螺丝。

(注意) 间隙过小会损伤旋梭尖。间隙过大会跳针。

(1) Adjust the timing between the needle and the hook as follows:

(Adjusting the needle bar height)

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

2) (Adjusting position of the hook a)

Loosen the three hook setscrews, turn the handwheel and align marker line D on ascending needle bar 2 with the bottom end of needle bar lower bushing 3.

3) After making the adjustments mentioned in the above steps, align hook blade point 5 with the center of needle 4. Provide a clearance of 0.04mm to 0.1mm (reference value) between the needle and the hook, then securely tighten setscrews in the hook

(Caution) If the clearance between the blade point of hook and the needle is smaller than the specified value, the blade point of hook will be damaged. If the clearance is larger, stitch skipping will result.

20. 微量压脚提升 MICRO-LIFTING MECHANISM OF THE PRESSER FOOT



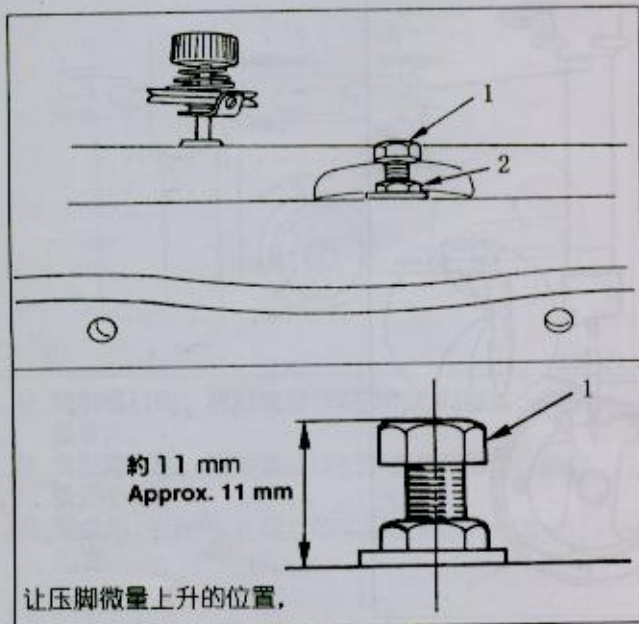
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



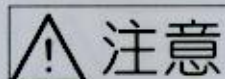
When sewing velvet or the like which is fluffy, slippage of material or damage of material is reduced by using screw 1 for presser foot micro-lifting. Gradually tighten screw 1 for presser foot micro-lifting in the state that nut 2 is loosened, adjust the presser foot to the position where it is finely lifted until it matches the material, and fix it with nut 2.

(Caution) When the presser foot micro-lifting mechanism is not used, adjust the height of screw 1 so that it is higher by approximately 11mm than the sewing machine. If the sewing machine is operated in the state that the micro-lifting mechanism is working, sufficient feed force cannot be obtained.

缝制丝绒等起毛性素材时，使用微量压脚提升螺丝 1 功能就可以不使素材缝偏，减轻素材的损伤。
在拧紧螺母 2 的状态，一点一点拧紧微量压脚提升螺丝 1，调整到适合素材的高度后，让压脚有微量上升的位置，然后用螺母 2 固定。

(注意) 微量压脚提升机构不使用时，请把螺丝 1 的高度调整到比缝纫机高约 11mm 的位置。微量压脚提升机构提升后缝纫机的送布能力会减弱。

21. 松线的解除机构 THREAD TENION RELEASE RELEASING MECHANISM



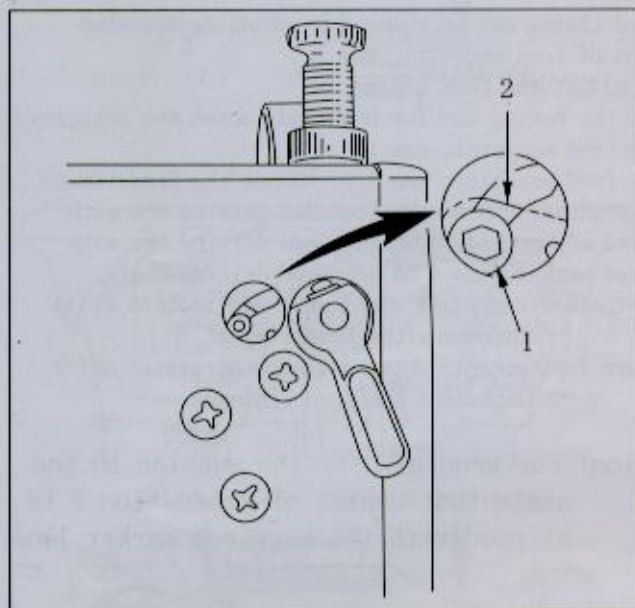
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



利用松线解除机构，缝制中也可以提升上线线也不松线。
(厚的叠层部用膝动提升压脚，让它越过叠层部，面线张力不变化)

解除方法

- 1) 卸下缝纫机的盖子，用六角扳手拧松松线变换螺丝1。
- 2) 把螺丝1固定到松线变换板2的最上部。
(提升压脚线张力盘也不浮起。)

(注意) 螺丝1的位置，只能固定到松线变换板的最上或最下位置，其它位置不能使用。

缝纫机出货时固定在最底位置。

By means of the thread tension release releasing mechanism, sewing can be performed without slackening the needle thread tension even when the presser foot is lifted during sewing.

(Even when the presser foot is slightly lifted at the thick overlapped section by the knee lifter, this mechanism can prevent the thread tension from being changed.)

How to release

- 1) Remove the cap in the machine head and loosen thread tension release changeover screw 1 using a hexagon wrench.
- 2) Fix screw 1 on the top of thread tension release changeover plate 2.
The thread tension disk does not rise even when the presser foot is lifted, and the needle thread tension is not loosened. (The thread tension disk rises only when thread trimming is performed.)

(Caution) Do not use screw 1 at any position other than the top or bottom position of the thread tension release changeover plate.

The screw has been factory-set to the bottom position at the time of delivery.

22. 送布的同步 ADJUSTING THE FEED TIMING



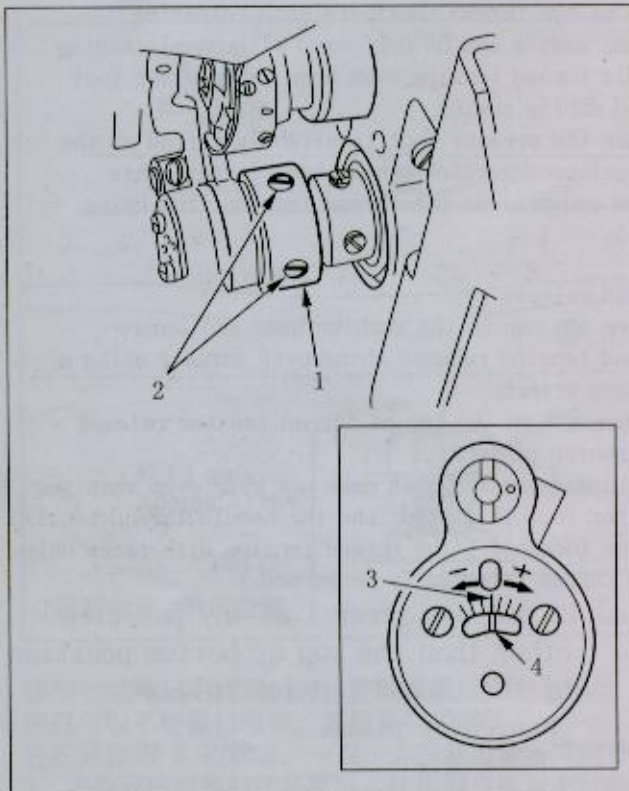
注意

为了防止缝纫机意外启动，请关掉电源之后再进行操作。



WARNING:

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



The feed timing can be changed by changing the stop position of feed eccentric cam 1.

How to adjust the feed timing

1) Tilt the sewing machine head and loosen two setscrews 2 in feed eccentric cam 1.

2) Turn feed eccentric cam 1 to change the feed timing.

Align graduation 3 on the feed bar driving arm with engraved marker line 4 on the feed driving arm with engraved marker line 4 on the feed driving shaft.

Turn feed eccentric cam 1 in the direction of (+)

→ Increases the feed timing.

Turn feed eccentric cam 1 in the direction of (-)

→ Decreases the feed timing.

(Caution) For general use, the machine in the state that center of graduation 3 is aligned with the engraved marker line.

改变上下送布凸轮1的固定位置，就可以变更送布的同步时间。

送布同步的调整方法

1) 放倒缝纫机，拧松上下送布凸轮1的固定螺丝2 (2根)

2) 转动上下送布凸轮1，就可以变更送布的同步时间。

把上下送布台曲柄的刻度3对准上下送布轴的刻线4。

向 (+) 方向转动上下送布凸轮1 → 上下送布的同步时间变快，

向 (-) 方向转动上下送布凸轮1 → 上下送布的同步时间变慢。

(注意) 一般使用时，请把刻度3的中央对准刻线。

23. 送布牙的高度和倾斜度 HEIGHT AND TILT OF THE FEED DOG



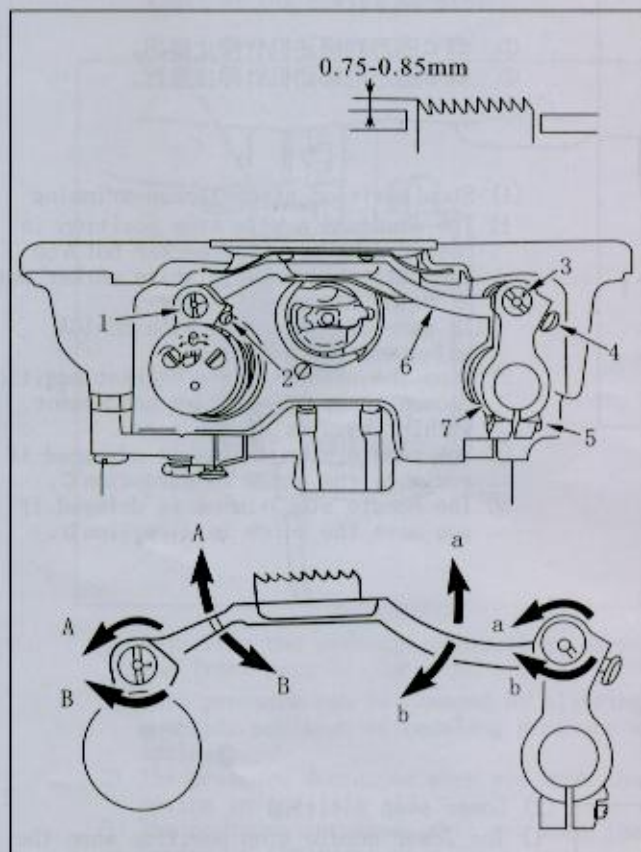
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



送布牙的高度是高出针板0.75-0.85mm。

请根据布料的具体情况调节适当的高度。

(1) 送布牙的高度和倾斜度的调整

- 1) 拧紧上下送布台轴1的固定螺丝2以及水平送布台轴3的固定螺丝。
- 2) 用螺丝刀转动1、3两轴，就可以改变送布牙的高度和倾斜度。
- 3) 有关各轴的转动方向和送布台6的倾斜关系请参照图示。
- 4) 调整后请把拧松的螺丝拧紧固定。(固定螺丝2、4。请在推住轴1、3的状态拧紧。)

(注意)

- (1) 如果只用一侧的轴调整送布牙的倾斜度，送布牙的高度也会变化，所以请一定用两侧的轴来调整。
- (2) 如果调整轴位置以后，送布牙的运转位置偏斜，请拧松水平送布曲柄7的固定螺丝5，调整送布牙的运动位置。

Height of feed dog is adjusted so that the feed dog protrudes from the throat plate surface by 0.75 to 0.85 mm

Adjust the height in accordance with the material to used.

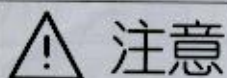
(1) Adjusting the height and tilt of the feed dog

- 1) Loosen setscrew 2 in feed bar driving shaft 1 and setscrew 4 in feed bar rocker shaft 3.
- 2) Height and tilt of the feed dog will change by turning both shafts 1 and 3 with a screwdriver.
- 3) For the relation between the rotating direction of each shaft and tilt of feed bar 6, refer to the figure on the left.
- 4) After the adjustment, securely tighten the setscrews. (Tighten setscrews 2 and 4 in the state that shafts 1 and 3 are pushed against the handwheel side.)

(Caution)

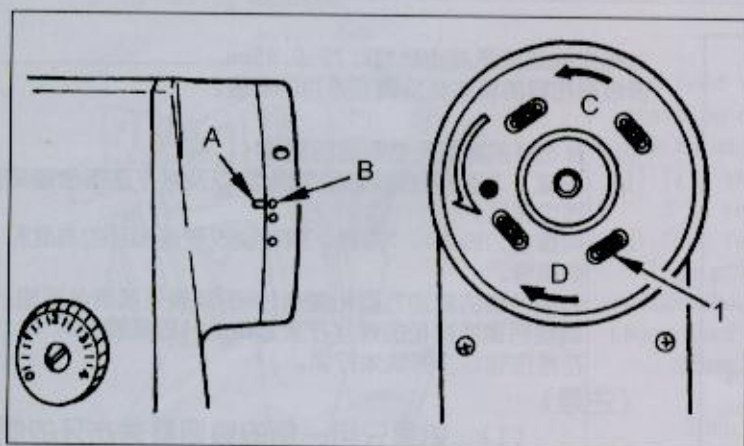
- (1) If the tilt of the feed dog is adjusted with one shaft only, the height of the feed dog changes.
Be sure to adjust it with both shafts.
- (2) Movement position of the feed dog may be shifted depending on the adjusting position of the shaft.
At this time, loosen setscrew 5 in feed rocker shaft arm 7 and adjust the movement position.

24. 9000W/S-7针停止位置调整/下停止位置调整 ADJUSTING THE NEEDLE STOP POSITION



注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



(1) 切线后的停止位置

- 1) 标准的机针停止位置是皮带轮外罩的刻点 A 和飞轮的白刻点 B 一致时的位置。
- 2) 上针定位不准时，在外片定位片调节 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。

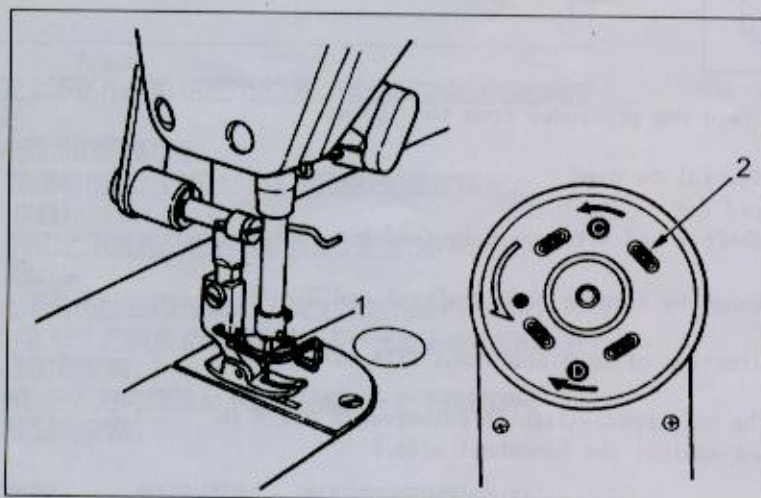
(1) Stop position after thread trimming

- 1) The standard needle stop position is obtained by aligning marker dot A on the pulley cover with white marker dot B on the handwheel.
(In case of connecting with EC-10A, adjustment is necessary.)

- 2) Stop the needle in its highest position, 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.



(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.

(2) 缝制结束的

- 1) 在缝纫过程中想结束缝纫时，踏板向上踏就会结束，机针 1 下调下定位片里片 2，在长孔范围为内进行调节。向 A 方向移动机针停止位置提前，向 B 方向移动机针停止推迟。

25. 踏板压力行程和踏板调整/PEDAL PRESSURE AND PEDAL STROKE



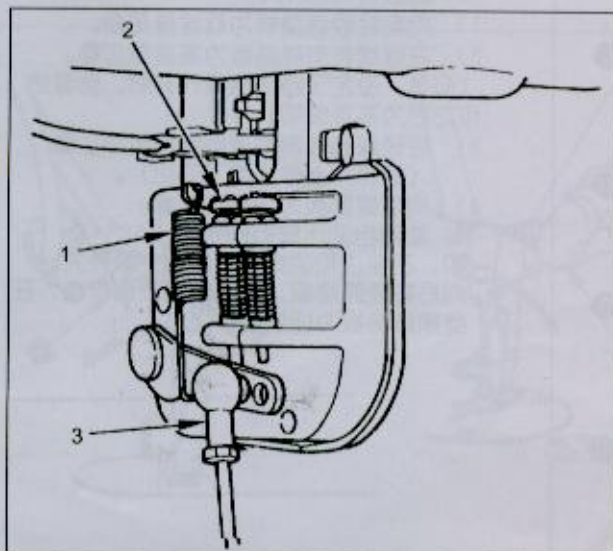
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



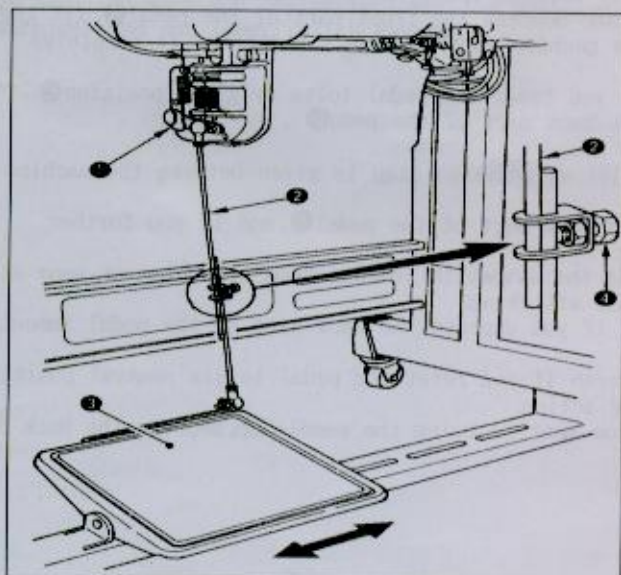
- (1) Adjusting the pressure required to depress the front part of the pedal
 - 1) This pressure can be changed by altering the mounting position of pedaling pressure adjust spring ①.
 - 2) The pressure decreases when you hook the spring on the left side.
 - 3) The pressure increases when you hook the spring on the right side.

- (1) 踏板踩踏压力的调整
 - 1) 摘下踏板压力调节弹簧 1 进行调节。
 - 2) 把弹簧挂到左侧压力变轻。
 - 3) 挂到右侧压力变大。

- (2) 踏板返回力的调整
 - 1) 用返踩调节螺丝 2 可以进行调节。
 - 2) 拧紧调节螺丝压力变大。
 - 3) 拧松螺丝压力变小。

- (3) 踏板踩踏行程的调整
 - 1) 把连接杆 3 安装到左侧的孔内，行程变小。

- (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 decreases when you insert connecting rod ③ into the left hole.



- (1) 踏板调整
 - (1) 连接杆的安装
 - 1) 向箭头方向移动踏板调节板 ③，让马达控制杆 ① 和连接杆 ② 成一直线。

- (2) 踏板的角度
 - 1) 调节连接杆的长度即可以改变踏板的角。
 - 2) 拧松调节螺丝 ④，移动连接杆 ② 进行调节。

- (1) Installing the connecting rod
 - 1) Move pedal ③ to the right or left as illustrated by the arrows 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 ②.

26. 踏板操作 PEDAL OPERATION



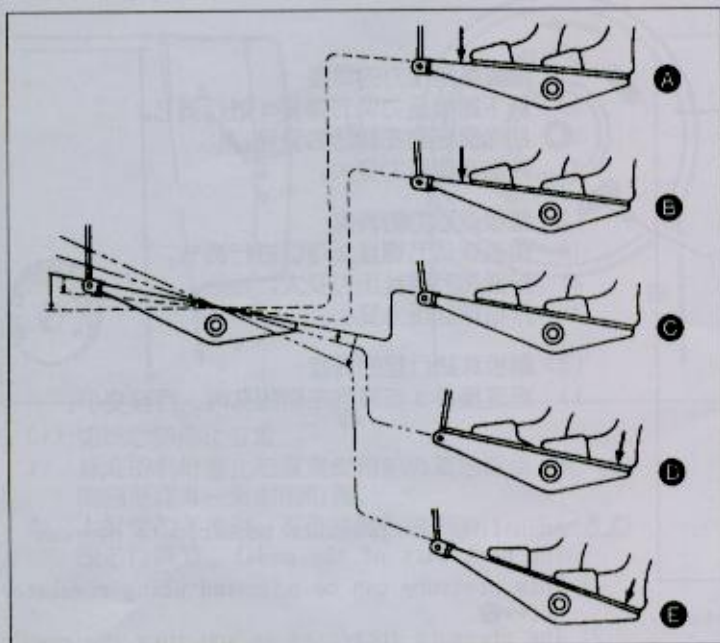
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



(1) 踏板有4级操作。

1) 向前轻轻踩踏板为低速缝纫**B**。

2) 在继续往前踩踏板为高速缝纫**A**。

(但是，设定了自动倒缝开关后，倒缝结束之后为高速缝纫)

3) 轻轻踩踏板然后返回缝纫机停止**C**
(机针为上停止或下停止)。

4) 向后踩踏板为切线动作**E**。

※ 使用自动压脚提升装置 (AK118)

即，在停止和切线之间增加一级开关。

向后轻轻踩踏板，为压脚提升动作**D**，在继续踩踏板为切线动作。

- 始缝的自动倒缝中，把踏板返回中立位置则缝纫机倒缝结束后停止。
- 从高速缝纫或低速缝纫中向后用力踩踏板缝纫机均可切线。
- 缝纫机切线中把踏板返回中立位置但机器仍然把线切完。
- 缝纫机停止机针下降停止之后，如果想升起机针时，请往后踩一次踏板。

(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 (AK118), 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.

* If you reset the pedal to its neutral position during the automatic reverse feed stitching at seam start, the machine stops after it completes the reverse feed stitching.

* The machine will perform normal thread trimming even if you depress the back part of the pedal immediately following high or low speed sewing.

* The machine will completely perform thread trimming even if you reset the pedal to its neutral position immediately after the machine started thread trimming action.

* When the machine stops with its needle down, and if you want to bring the needle up, depress the back of the pedal once.

27. 单触手动倒缝 ONE-TOUCH TYPE REVERSE FEED STITCHING MACHANISM



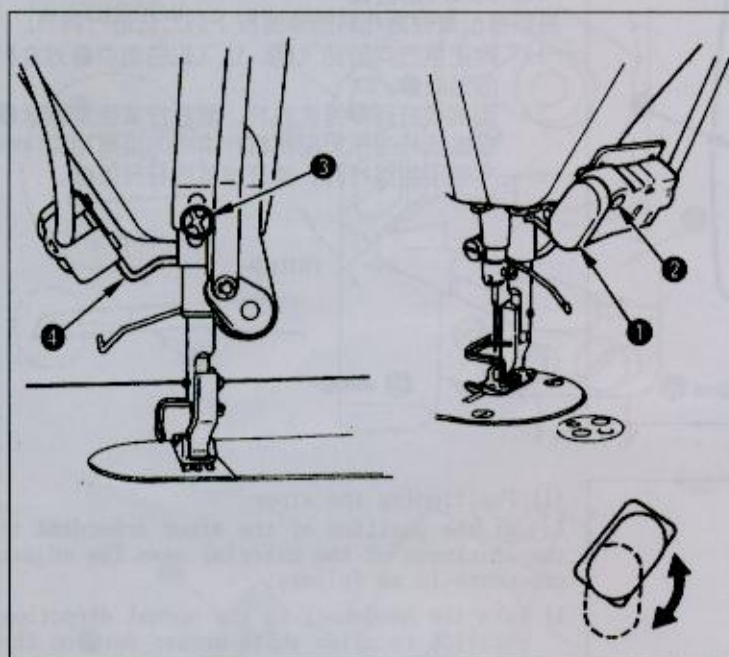
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



(1) 使用方法

- 1) 按下开关拨杆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纫。

- 1) The moment switch lever①is 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.

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 setscrew②and move the switch itself up and down to adjust the height.
 - 2) Switch①can be used in two positions by turning it.
 - 3) In addition,when you desire to lower the position of switch①,loosen setscrew③located in the back of the machine head and lower switch base④.

28. 拨线杆调节 WIPER



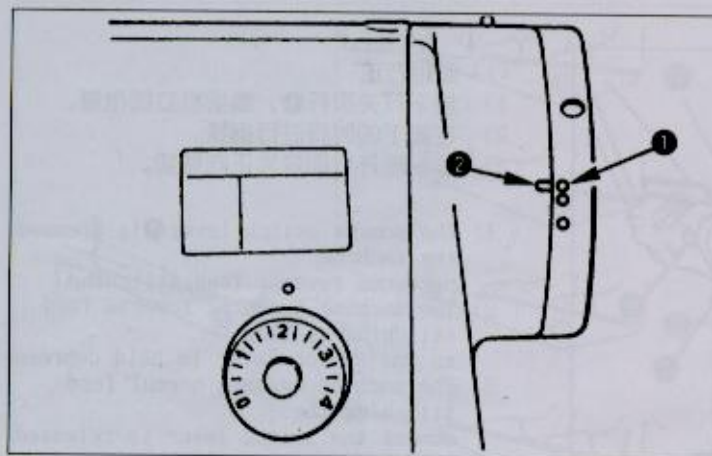
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

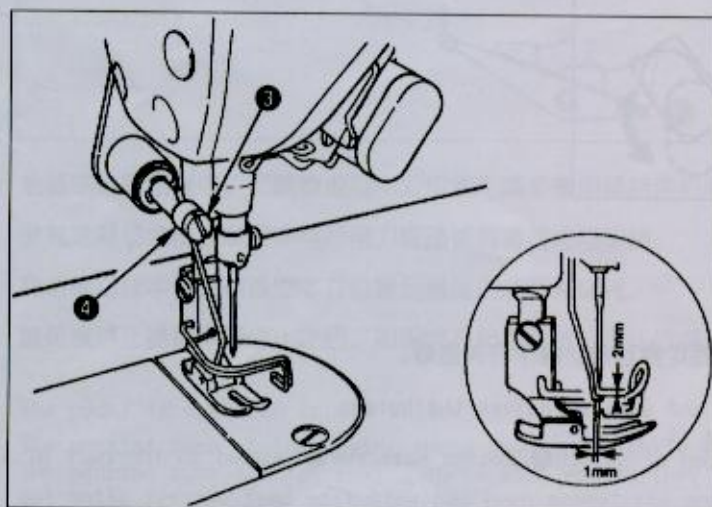
Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



(1) 挑线杆的位置

挑线杆位置根据布料的厚度按下列方法进行调节。

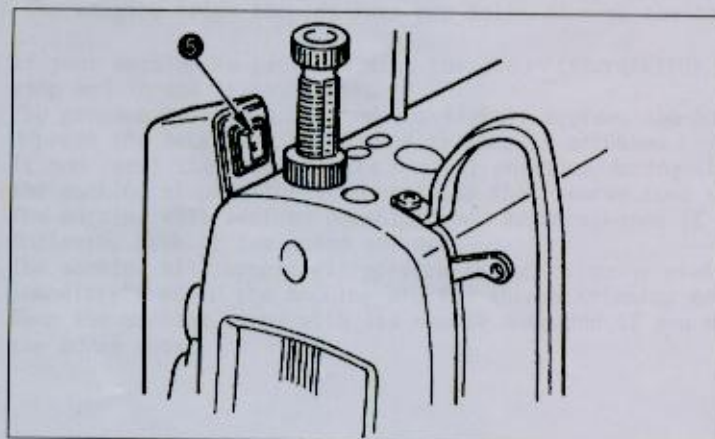
- 1) 向正常方向转动飞轮，让飞轮白刻点①对准机架的刻点②。
- 2) 用挑线杆环④推挑线杆，然后拧紧固定螺丝③。把挑线杆的平坦部和机针中心的距离相距1mm。
- 3) 不使用挑线杆时，请关掉挑线杆开关⑤。



(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 dot① on the handwheel with marker dot② on the machine arm.
- 2) Adjust the distance between the flat part of the wiper and the center of the needle to 1mm. Tighten wiper adjust screw③ so that the wiper is pressed and fixed by wiper collar④.
- 3) When the wiper is unnecessary, turn wiper switch⑤ OFF.



29. 固定刀调整 COUNTER KNIFE



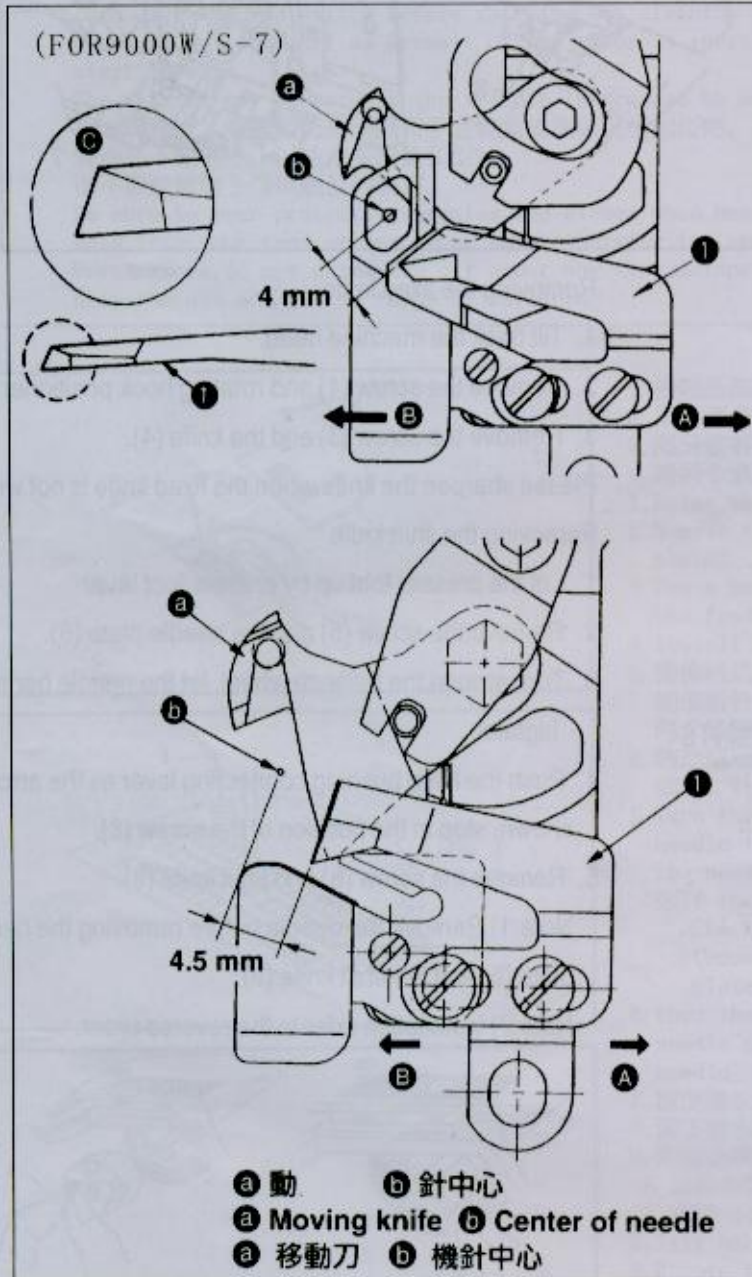
注意

为了防止缝纫机的意外启动，请关掉电源之后再进行操作。



WARNING:

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



切刀不快时，请尽早如图●所示研磨固定刀①，然后正确地安装好。

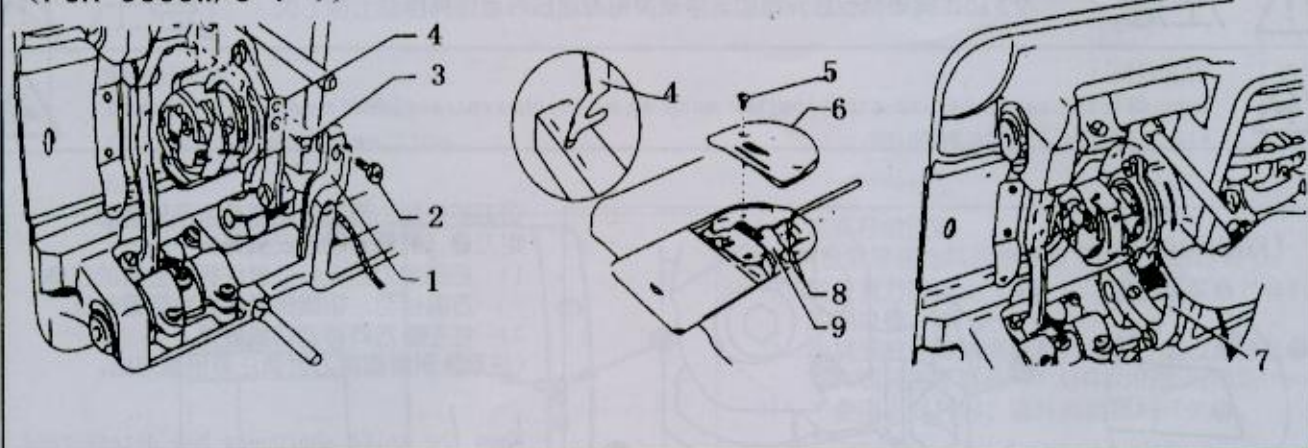
- 1) 把固定刀的安装位置往标准位置的右A方向移动，切线长度比标准装置时长。
 - 2) 往左B方向移动切线变短。
- (注意) 研磨固定刀时请注意研磨方法。

When the knife sharpness has deteriorated, resharpen counter knife ① as illustrated in (c), and properly re-install it.

- 1) If the mounting position of the counter knife is moved in direction A from the standard mounting position, the thread length after thread trimming will be increased accordingly.
- 2) If the mounting position is moved in direction B the thread length will be decreased accordingly.

(caution) when re-sharpening the knife blade, extra special care must be taken on the handling of the knife.

(FOR 9000W/S-7-Y)



定刀的拆卸方法

1. 将缝纫机倒放。
2. 取下紧固螺钉1 和旋梭定位勾2。
3. 拆下沉头螺钉3 和定刀4。

切线不良时请磨定刀4 (如图)。

移动刀的拆卸方法

1. 用压脚板手将压脚抬起。
2. 拆下沉头螺钉5, 取下针板6。
3. 转动缝纫机主动轮, 将针杆停止在最高位置。
4. 将刀轴连杆7 按箭头方向用手推动, 停在沉头螺钉8 显露的位置。
5. 拆下沉头螺钉8, 取下移动刀9。

注1) 拆针板6 及动刀9 时, 请先取下机针。

注2) 组装按相反的顺序进行。

Removing the fixed knife

1. Tilt back the machine head.
2. Remove the screw (1) and rotating hook positioner (2).
3. Remove the screw (3) and the knife (4).

Please sharpen the knife when the fixed knife is not well.

Removing the shift knife

1. Let the presser foot up by presser foot lever
2. Remove the screw (5) and the needle plate (6).
3. Turn around the balance wheel, let the needle bar stop highest.
4. Push the knife bushing connecting lever as the arrow shown, stop in the position of the screw (8).
5. Remove the screw (8) and shift knife (9).

Note:1) Remove the needle before removing the needle plate (6) and the shift knife (9).

Note:2) Installation refer to the reverse order.

31. 保养 CLEANING

为了爱护缝纫机, 保持其良好的性能, 每天都要保养机器, 如长时间放置, 请按照下面的保养顺序进行。

The following cleaning operations should be carried out each day in to maintain the performance of this machine end to ensure a long service life.

⚠ 注意 CAUTION



作业前请切断电源开关。避免误踩踏板启动缝纫机而受伤。由于电机惯性作用, 切断电源, 电机还会继续运动, 直到它完全停止运动后才可以进行操作。

Turn of the power switch before xarrying out cleaning. The motor will keep turning even after the power is switched off as aresult of the motor' s inertia. Wait until the motor stops fully before starting work.

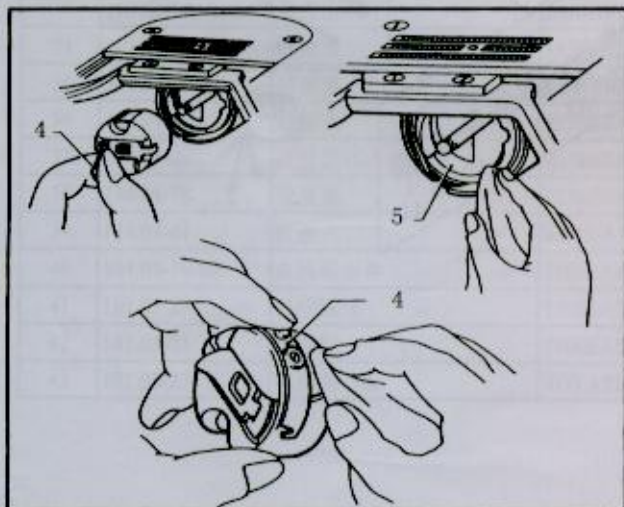
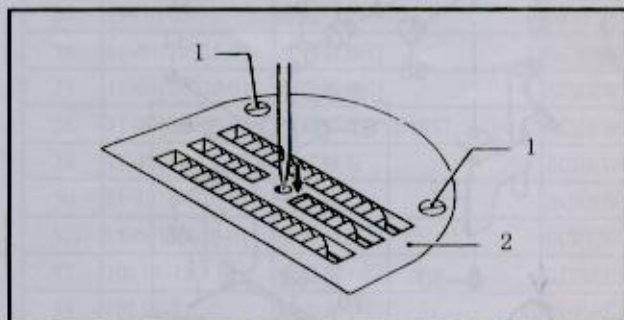
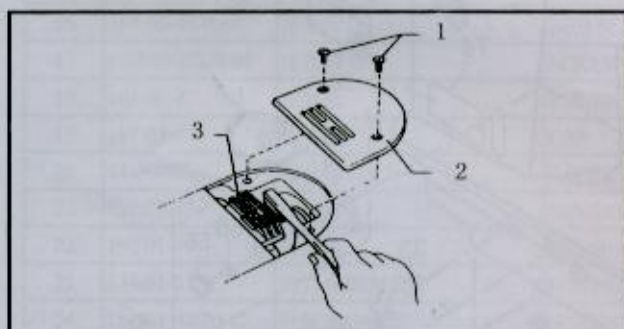
The machine may operate if the treadle is pressed by mistake, which could result in injury 使润滑油时, 要佩带防护眼镜和手套遮盖皮肤以免引起炎症。

润滑油不能饮用, 以免发生痢疾和呕吐。

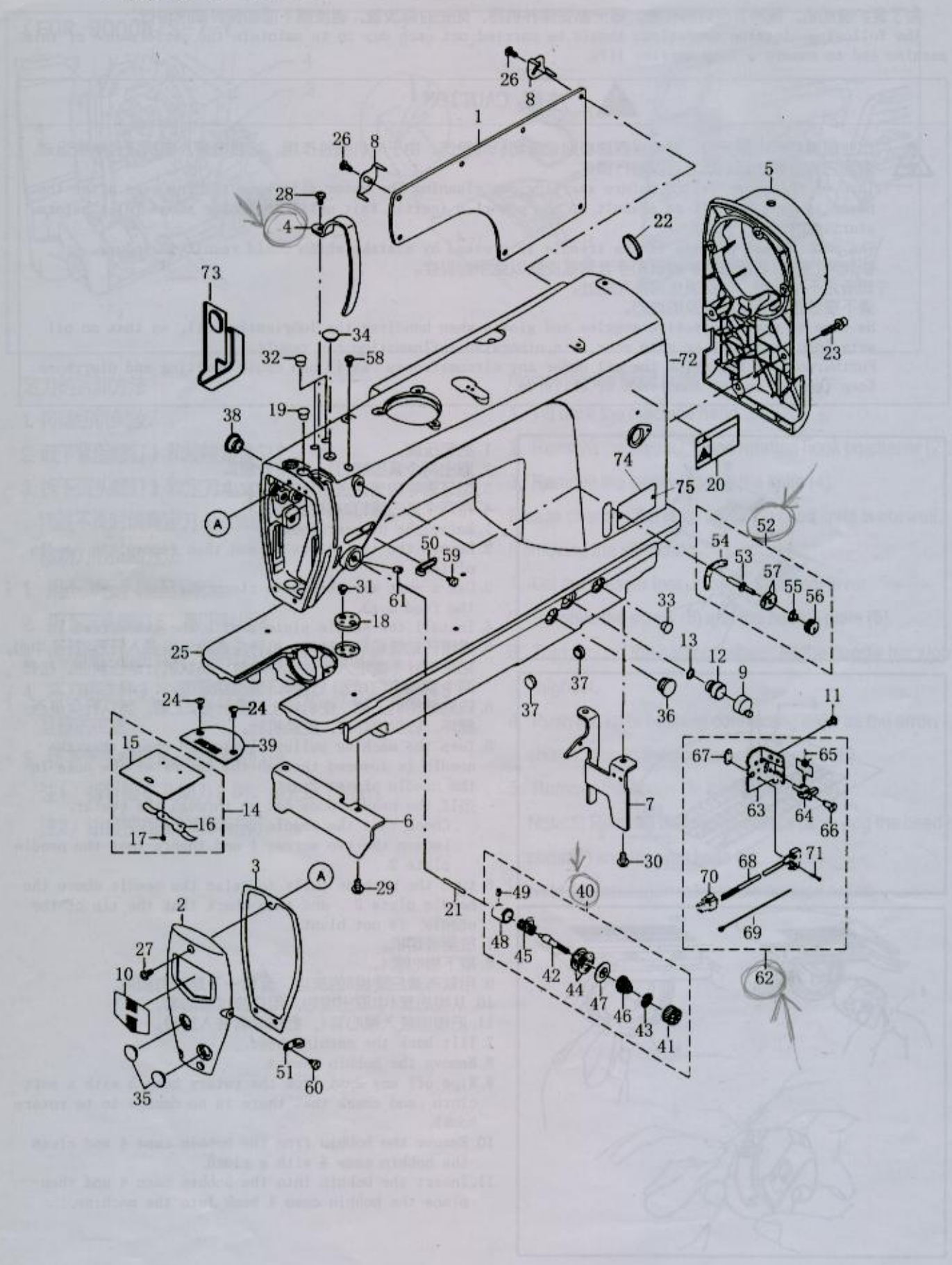
请不要放置孩子可以触及的地方。

Be sure to wear protective goggles and gloves when handling the lubricating oil, so that no oil gets into your eyes or onto your skin, otherwise inflammation can result.

Furthermore, do not drink the oil under any circumstances ,as it can cause vomiting and diarrhoea. Keep the oil out of the reach of children.



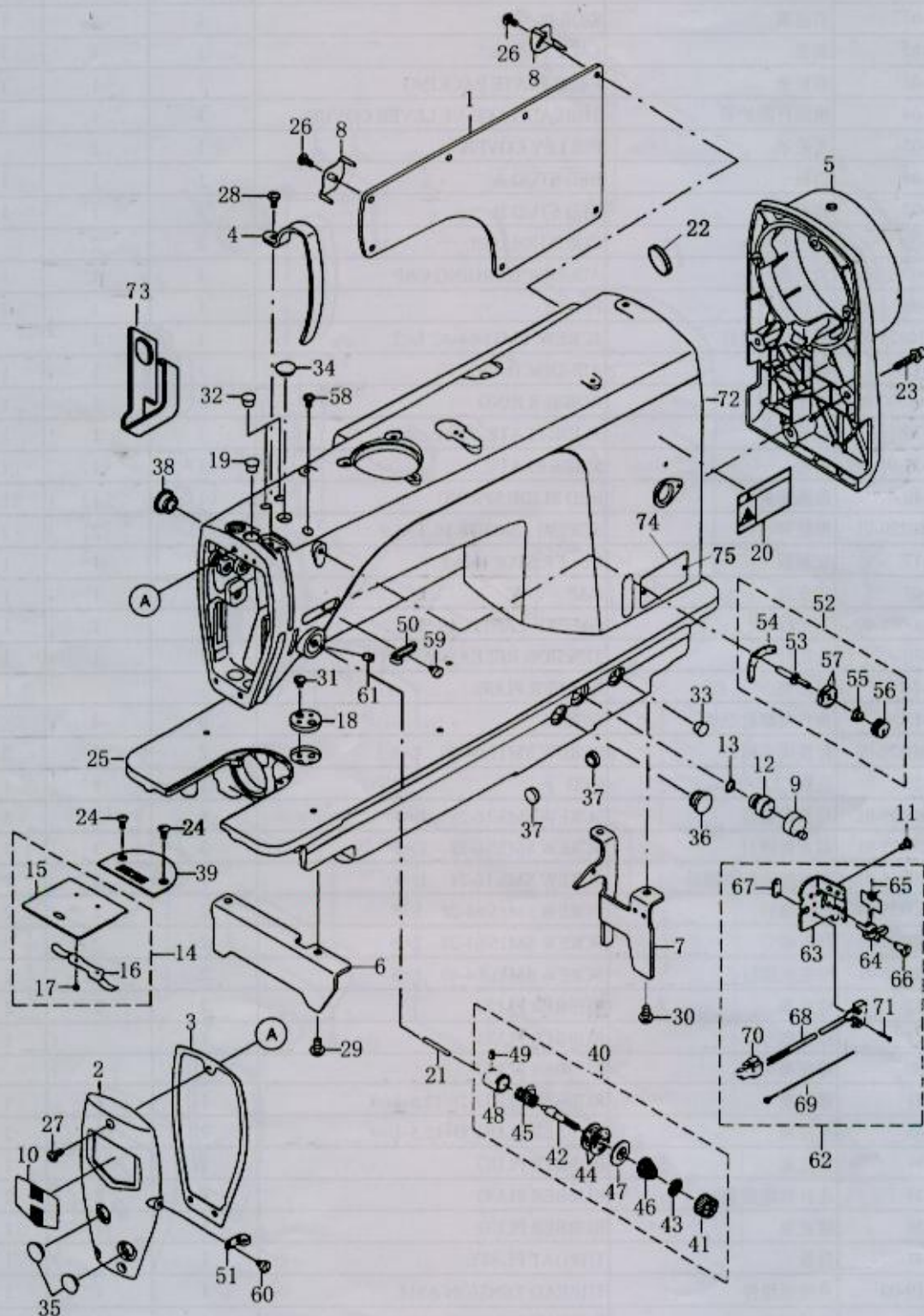
1. 抬起压脚。
2. 取出两个紧固螺钉1, 取下针板2。
3. 用牙刷等物清扫送布牙3上的灰尘。
4. 将两个紧固螺钉2装进针板1。
1. Raise the presser foot.
2. Remove the two screws 1 , and then remove the needle plate2.
3. Use a soft wire brush to clean any dust from the the feed dog3.
4. Install the needle plate 2 with the two screws 1.
5. 慢慢转动缝纫机主动轮, 机针应准确无误进入针板2针孔中心。如果机针不能进入针板孔中心时, 确认机针是否弯曲。松开两个紧固螺钉1后, 针板2, 是否回原位。
6. 转动缝纫机上轮, 使机针上升到针板2上面, 确认针尖是否损坏, 针尖损坏时, 更换机针。
5. Turn the machine pulley slowly and check that the needle is lowered through the center of the hole in the needle plate 2.
- ※If the needle does not go through the center.
- . Check that the needle is not bent.
- . Loosen the two screws 1 and then re-seat the needle plate 2 .
6. turn the machine pully to raise the needle above the needle plate 2 . and then check that the tip of the needle is not blunt.
7. 放倒缝纫机。
8. 取下梭心套4。
9. 用软布清扫旋梭5的灰尘, 查看一下是否有损坏。
10. 从梭心套4中取出梭心, 用布擦拭梭心套。
11. 把梭心装入梭心套4, 把梭心套装入旋梭。
7. Tilt back the nachine head.
8. Remove the bobbin case 4.
9. Wipe off any dust from the rotary hook 5 with a soft cloth . and check that there is no damage to te rotary hook5.
10. Remove the bobbin from the bobbin case 4 and clean the bobbin case 4 with a cloth.
11. Insert the bobbin into the bobbin case 4 and then place the bobbin case 4 back into the machine.



一、机壳部件 ARM AND BED COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.01-01	后盖板	SIDE PLATE	1	1	1	1
2	134.01-02	面板	FACE PLATE	1	1	1	1
3	134.01-03	面板垫	FACE PLATE PACKING	1	1	1	1
4	134.01-04	挑线杆防护罩	THREAD TAKE-UP LEVER COVER	1	1	1	1
5	134.01-05	带轮罩	PULLEY COVER	1	1		
6	134.01-06	挡板	BED STUD A	1	1	1	1
7	134.01-07	挡板	BED STUD B	1	1	1	1
8	109.01-09	电线夹	CORD HOLDER	2	2		
9	134.01-09	放气盖	AIR-DISCHARGING CAP	1	1	1	1
10	101.01-08	商标牌	PLATE	1	1	1	1
11	11-40110825-01	保险装置螺钉	SCREW SM11/64-40 L=7	1	1		
12	134.01-13	放气装置	AIR-DISCHARGING	1	1	1	1
13	31-09018000-09	橡皮圈	RUBBER RING	1	1	1	1
14	101.06-39	推板组件	SLIDE PLATE ASM	1	1	1	1
15	101.06-39-01	推板	SLIDE PLATE	(1)	(1)	(1)	(1)
16	101.06-40	推板弹簧	BED SLIDE SPRING	(1)	(1)	(1)	(1)
17	11-60060220-01	推板簧螺钉	SCREW SM3/32-56 L=1.9	(2)	(2)	(2)	(2)
18	101.01-17	安装板	RULER STOP SEAT	1	1	1	1
19	101.03-07	橡皮塞	CAP	1	1	1	1
20	44-00000001-00	安全标志	SAFETY LABEL	1	1	1	1
21	101.03-30	松线钉	TENSION RELEASING PIN	1	1	1	1
22	192.01-43	橡皮塞	RUBBER PLUG			1	1
23	134.01-23	内六角螺栓组件	SCREW	4	4		
24	11-20110820-02	针板固定螺钉	SCREW SM11/64-40 L=8.5	2	2	2	2
25	134.01-25	底板	BED	1	1	1	1
26	11-40120925-01	后盖板螺钉	SCREW SM3/16-28 L=9	8	8	8	8
27	11-40120925-01	前盖板螺钉	SCREW SM3/16-28 L=9	3	3	3	3
28	11-40120925-01	挑线杆防护罩螺钉	SCREW SM3/16-28 L=9	1	1	1	1
29	11-40150925-01	挡板螺钉	SCREW SM15/64-28 L=9	2	2	2	2
30	11-40150925-01	挡板螺钉	SCREW SM15/64-28 L=9	2	2	2	2
31	11-00110620-01	安装板螺钉	SCREW SM11/64-40 L=5	2	2	2	2
32	101.01-12	橡皮塞	RUBBER PLUG	2	2	2	2
33	101.01-11	橡皮塞	RUBBER PLUG	1		1	
	113.01-09	橡皮塞	RUBBER PLUG		1		1
34	101.01-11	橡皮塞	RUBBER PLUG D=12.5 L=4	1	1	1	1
35	501.01-45	橡皮塞	RUBBER PLUG D=12.5 L=4	2	2	2	2
36	101.01-11	橡皮塞	RUBBER PLUG	1	1	1	1
37	134.01-37	连杆销橡皮塞	RUBBER PLUG	2	2	2	2
38	134.01-38	橡皮塞	RUBBER PLUG	1	1	1	1
39	134.01-41	针板	THROAT PLATE	1	1	1	1
40	101.03-19-00	夹线器组件	THREAD TENSION ASM.	1	1	1	1
41	101.03-28	夹线螺母	THREAD TENSION NUT	(1)	(1)	(1)	(1)
42	101.03-21	夹线柱	THREAD TENSION POST	(1)	(1)	(1)	(1)
43	101.03-27	夹线制动板	ROTATION STOPPER	(1)	(1)	(1)	(1)

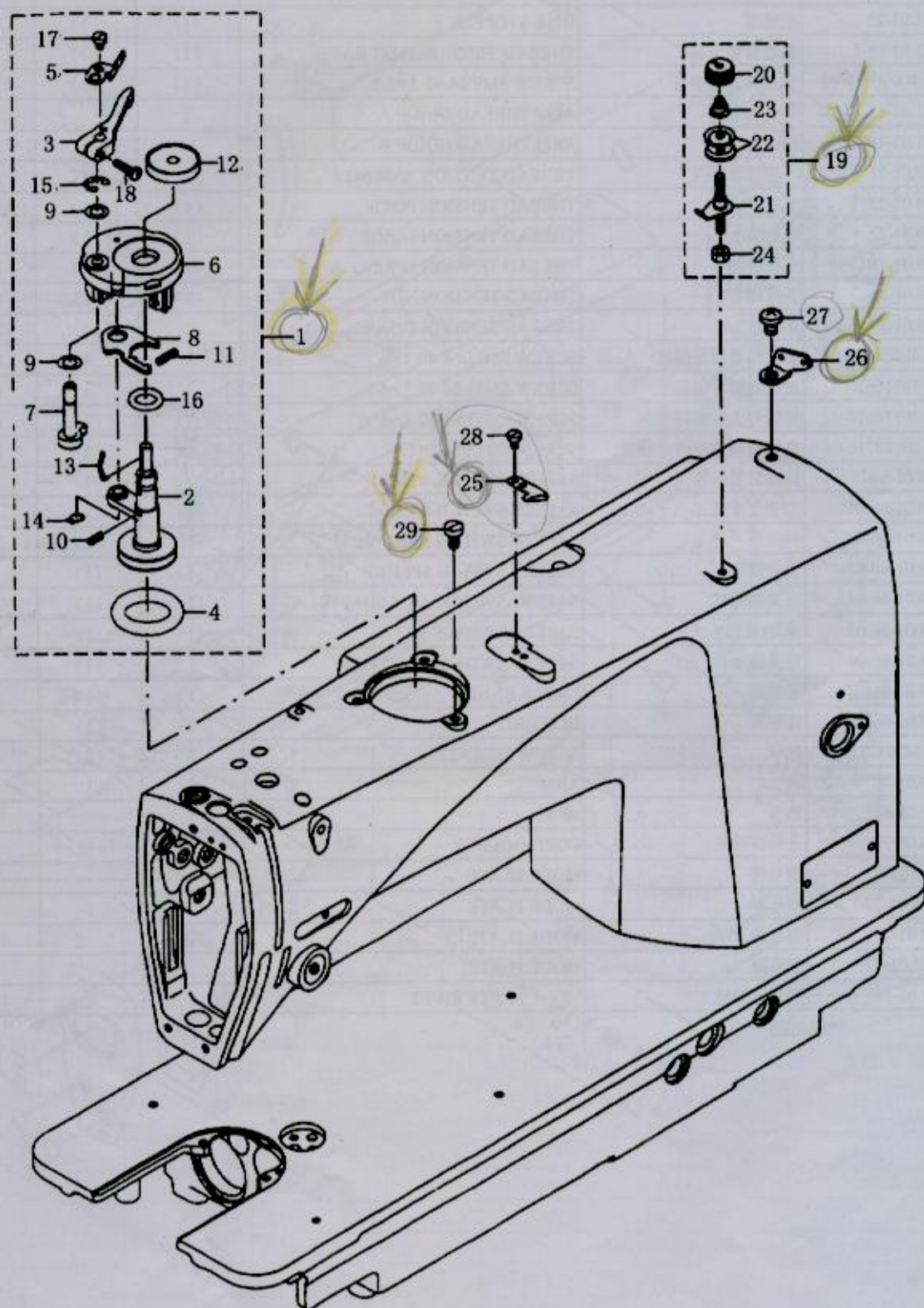
一、机壳部件 ARM AND BED COMPONENTS



一、机壳部件 ARM AND BED COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
44	101.03-24	夹线板	THREAD TENSION DISK	(2)	(2)	(2)	(2)
45	101.03-20	挑线簧	THREAD TAKE-UP SPRING	(1)	(1)	(1)	(1)
46	101.03-26	夹线簧	THREAD TENSION SPRING A	(1)	(1)	(1)	(1)
47	101.03-25	松线板	DISK STOPPER	(1)	(1)	(1)	(1)
48	101.03-19-1	挑线簧调节座	THREAD TENSION POST BASE	(1)	(1)	(1)	(1)
49	11-80090610-01	挑线簧固定螺钉	SCREW SM9/64-40 L=5.5	(1)	(1)	(1)	(1)
50	101.03-16	过线勾	ARM THREAD GUIDE A	1	1	1	1
51	101.03-18	过线勾	ARM THREAD GUIDE B	1	1	1	1
52	109.01-21	小夹线器组件	THREAD TENSION ASM NO.1	1	1	1	1
53	109.01-22	夹线柱	THREAD TENSION POST	(1)	(1)	(1)	(1)
54	109.01-23	过线勾	THREAD TENSION GUIDE	(1)	(1)	(1)	(1)
55	109.01-25	夹线弹簧	THREAD TENSION SPRING A	(1)	(1)	(1)	(1)
56	109.01-26	夹线螺母	THTEAD TENSION NUT	(1)	(1)	(1)	(1)
57	109.01-24	夹线板	THREAD TENSION DISK	(2)	(2)	(2)	(2)
58	11-40120625-01	小夹线器固定螺钉	SCREW SM11/64-40 L=6	1	1	1	1
59	11-70110620-02	过线勾固定螺钉	SCREW SM11/64-40 L=6	1	1	1	1
60	11-70110620-02	过线勾固定螺钉	SCREW SM11/64-40 L=6	1	1	1	1
61	11-80150710-01	挑线簧调节座固定螺钉	SCREW SM15/64-28 L=7	1	1	1	1
62	134.01-66	保险装置组件	SAFETY SWITCH ASM.	1	1		
63	134.01-66-01	开关支撑板	SAFETY SWITCH BASE.	(1)	(1)		
64	134.01-66-02	开关架	SAFETY SWITCH ARM	(1)	(1)		
65	134.01-66-03	开关弹簧	SAFETY SWITCH SPRING	(1)	(1)		
66	134.01-66-04	开关架螺钉	SAFETY SWITCH ARM SHAFT	(1)	(1)		
67	134.01-66-05	螺母(连体)	SAFETY SWITCH NUT	(1)	(1)		
68	134.01-66-06	开关线组件	SAFETY SWITCH CORD ASM	(1)	(1)		
69	134.01-66-07	系线绳	CABLE BAND	(1)	(1)		
70	134.01-66-08	接触器	HOUSING	(1)	(1)		
71	12-40201221-02	螺钉	SCREW M2 L=12	(2)	(2)		
72	134.01-76	机头	ARM	1	1		
	192.01-41	机头	ARM			1	1
73	134.01-79	上轴前管夹	CORD HOLDER	1	1		
74	134.01-77	型号牌	MODE PLATE	1			
	1228.01-77	型号牌	MODE PLATE		1		
	192.01-77	型号牌	MODE PLATE			1	
	1227.01-77	型号牌	MODE PLATE				1
75	101.01-14	型号牌铆钉	MODE PLATE RIVET	1	1	1	1

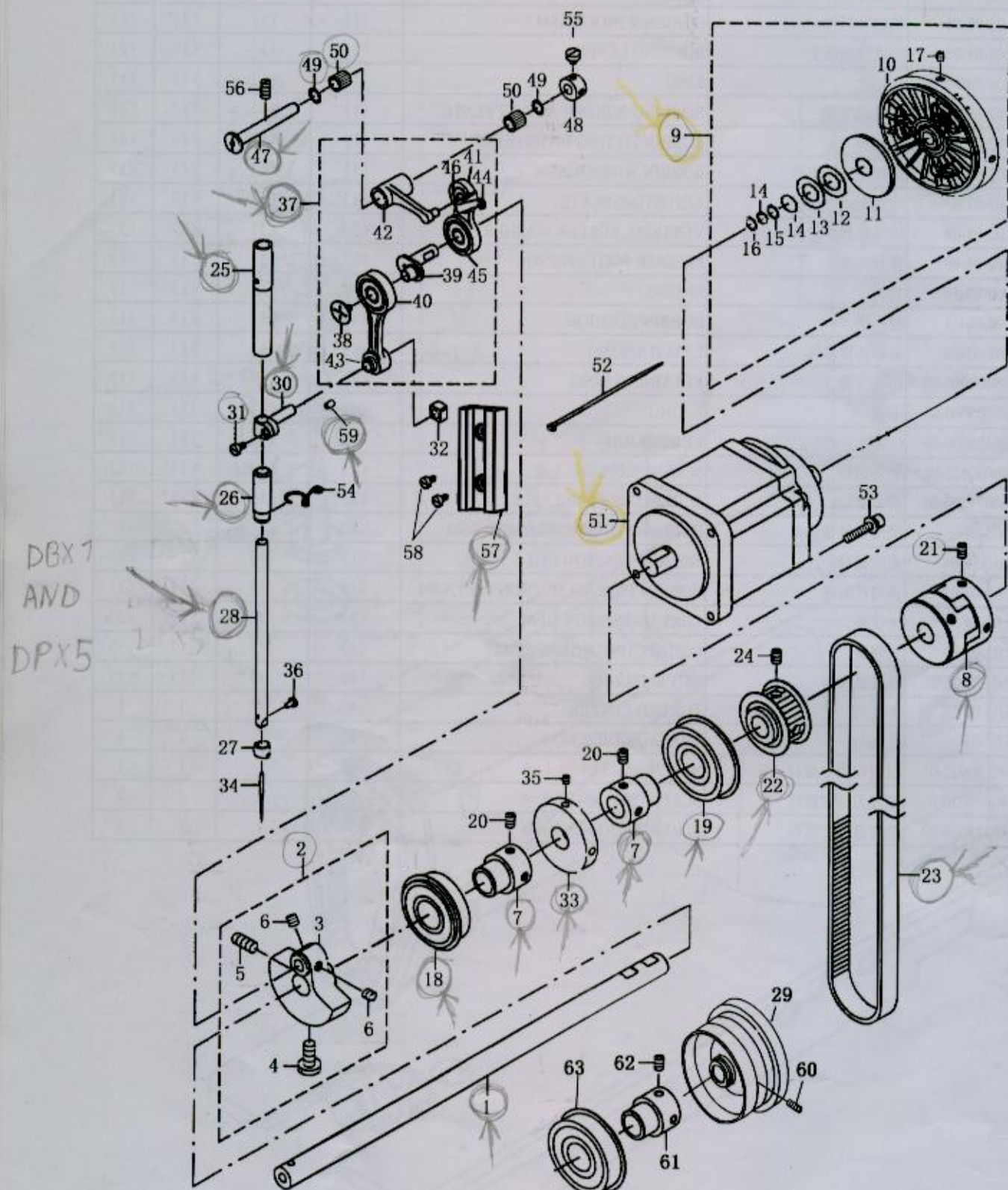
二、绕线部件 BOBBIN WINDER COMPONENTS



二、绕线部件 BOBBIN WINDER COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.02-01	绕线器组件	BOBBIN WINDER ASM.	1	1	1	1
2	134.02-01-01	绕线轴组件	BOBBIN WINDER ASM.	(1)	(1)	(1)	(1)
3	134.02-01-02	绕线控制扳手	BOBBING LEVER	(1)	(1)	(1)	(1)
4	31-25070000-09	O型圈	RING	(1)	(1)	(1)	(1)
5	134.02-01-04	绕线调节板	BOBBING WINDER ADJUST PLATE	(1)	(1)	(1)	(1)
6	134.02-01-05	绕线座	BOBBIN FITTING BASIS COMPL	(1)	(1)	(1)	(1)
7	134.02-01-06	绕线凸轮轴组件	BOBBIN WINDER ASM.	(1)	(1)	(1)	(1)
8	134.02-01-07	绕线制动传动板	ADJUSTING PLATE	(1)	(1)	(1)	(1)
9	134.02-01-08	绕线器扳手轴调整垫圈	VERTICAL ROLLER WASHER	(2)	(2)	(2)	(2)
10	134.02-01-09	压紧弹簧	PRESSER FOOT SPRING	(1)	(1)	(1)	(1)
11	134.02-01-10	弹簧	SPRING	(1)	(1)	(1)	(1)
12	134.02-01-11	梭心垫	BOBBIN CUSHION	(1)	(1)	(1)	(1)
13	134.02-01-12	梭心防转弹簧	LATCH SPRING	(1)	(1)	(1)	(1)
14	24-05000000-08	固定卡簧	RETAINING RING	(1)	(1)	(1)	(1)
15	24-05000000-08	卡簧	E-RING	(1)	(1)	(1)	(1)
16	31-09428000-09	O型圈	RUBBER RING	(1)	(1)	(1)	(1)
17	11-40090625-01	紧定螺钉	SCREW SM9/64-40 L=5	(1)	(1)	(1)	(1)
18	11-60091320-01	固定螺钉	SCREW SM9/64-40 L=13.5	(1)	(1)	(1)	(1)
19	134.02-02	绕线夹线器组件	BOBBING THREAD TENSION ASM	1	1	1	1
20	134.01-56-04	夹线螺母	THREAD TENSION NUT	(1)	(1)	(1)	(1)
21	134.02-02-02	夹线柱组件	BOBBIN THREAD TENSION ROD ASM	(1)	(1)	(1)	(1)
22	101.03-24	夹线板	THREAD TENSION DISK	(2)	(2)	(2)	(2)
23	134.02-02-04	夹线簧	CONNECTING ROD SPRING	(1)	(1)	(1)	(1)
24	13-60115520-02	锁紧螺母	NUT SM11/64-40	(1)	(1)	(1)	(1)
25	134.02-03	割线刀	THREAD CUTTER	1	1	1	1
26	134.02-04	过线勾	THREAD GUIDE,NO.1	1	1	1	1
27	11-40150925-01	过线勾固定螺钉	SCREW SM15/64-28 L=9	1	1	1	1
28	11-60090620-01	割线刀固定螺钉	SCREW SM11/64-40 L=6	2	2	2	2
29	11-70121020-02	绕线器固定螺钉	SCREW SM3/16-28 L=10	3	3	3	3

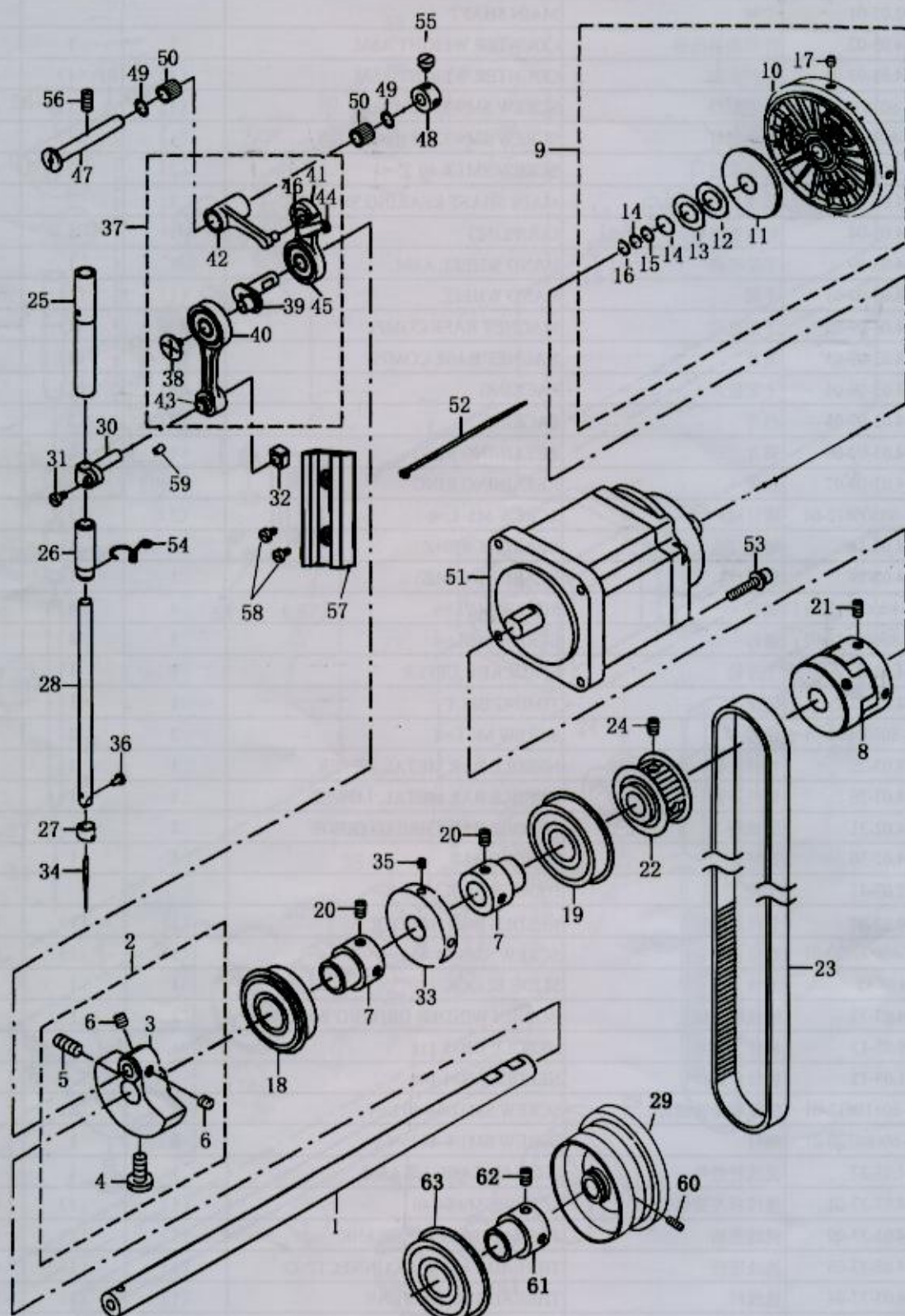
三、主轴、针杆部件 MAI SHAFT & NEEDLE BAR COMPONENTS



三、主轴、针杆部件 MAI SHAFT & NEEDLE BAR COMPONENTS

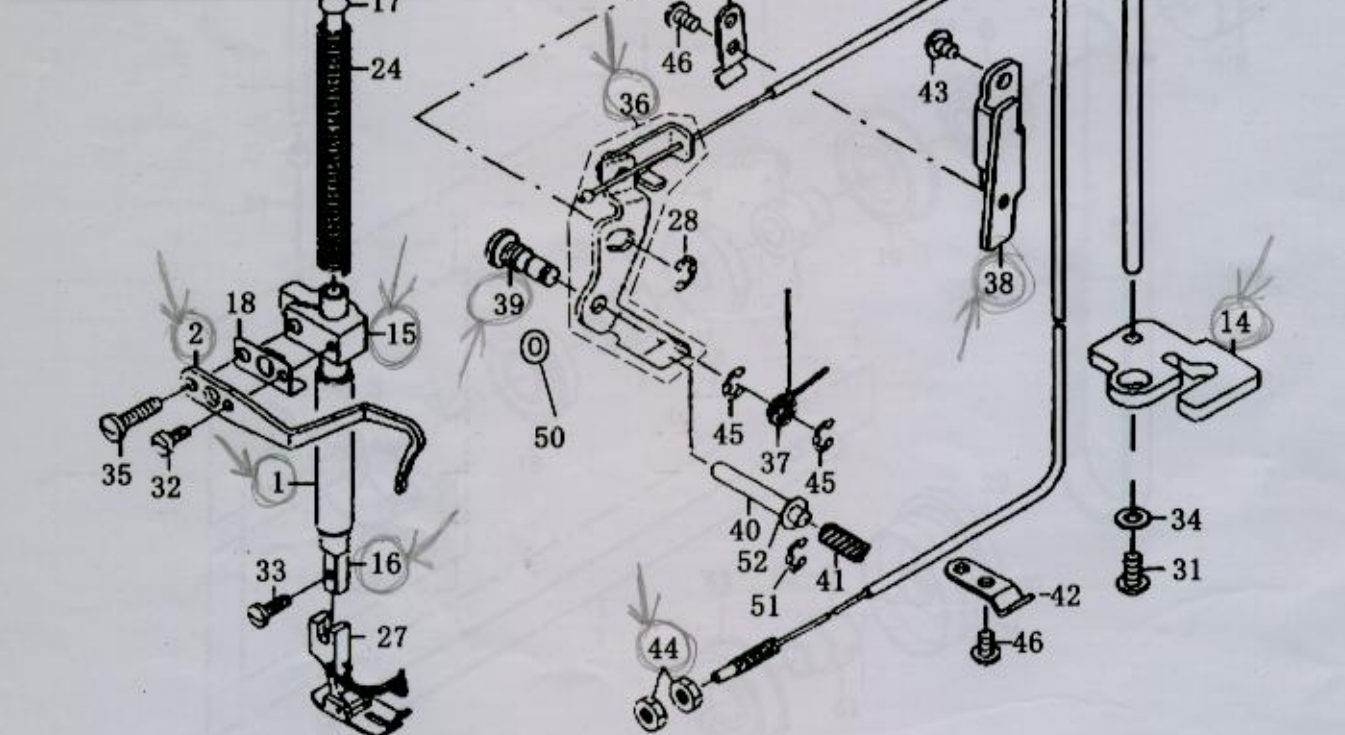
序号 NO.	图号	名称	DESIGNATION	数量 (AMT)			
	REF NO.			9000W-7	9000S-7	9000W	9000S
1	134.03-01	主轴	MAIN SHAFT	1	1		
	192.03-01	主轴	MAIN SHAFT			1	1
2	134.03-02	针杆曲柄组件	COUNTER WEIGHT ASM.	1	1	1	1
3	134.03-02-01	针杆曲柄	COUNTER WEIGHT ASM.	(1)	(1)	(1)	(1)
4	11-60181630-01	固定螺钉	SCREW SM9/32-28 L=16	(1)	(1)	(1)	(1)
5	11-80181650-01	固定螺钉	SCREW SM9/32-28 L=16	(1)	(1)	(1)	(1)
6	11-80160610-01	紧定螺钉	SCREW SM1/4-40 L=6	(2)	(2)	(2)	(2)
7	134.03-03	轴承挡圈	MAIN SHAFT REARING SUPPORT	2	2	2	2
8	134.03-04	联轴器组件	COUPLING	1	1		
9	134.03-09	手轮组件	HAND WHEEL ASM.	1	1		
10	134.03-09-01	手轮	HAND WHEEL	(1)	(1)		
11	134.03-09-02	下定位片	MAGNET BASE COMPL.	(1)	(1)		
12	134.03-09-03	隔片	MAGNET BASE COMPL.	(1)	(1)		
13	134.03-09-04	上定位片	PACKING	(1)	(1)		
14	134.03-09-05	白片	PACKING	(2)	(2)		
15	134.03-09-06	簧片	RETAINING RING	(1)	(1)		
16	134.03-09-07	扣簧	RETAINING RING	(1)	(1)		
17	12-80500612-01	螺钉 M5 L=6	SCREW M5 L=6	(2)	(2)		
18	134.03-18	轴承	BEARING 6204Z	1	1	1	1
19	134.03-19	轴承	BEARING 6304Z	1	1	1	1
20	12-80600812-01	螺钉	SCREW M6 L=8	4	4		
21	12-80600812-01	螺钉	SCREW M6 L=8	8	8		
22	134.03-22	上带轮	SPROCKET ,UPPER	1	1	1	1
23	134.03-23	调速带	TIMING BELT	1	1	1	1
24	12-80600812-01	螺钉	SCREW M6 L=8	2	2	2	2
25	134.03-25	针杆上套	NEEDLE BAR METAL ,UPPER	1	1	1	1
26	134.03-26	针杆下套	NEEDLE BAR METAL, LOWER	1	1	1	1
27	114.02-31	过线环	NEEDLE BAR THREAD GUIDE	1	1	1	1
28	114.02-30	针杆	NEEDLE BAR	1	1	1	1
29	192.03-43	手轮	HAND WHEEL			1	1
30	120.02-07	针杆连接柱	NEEDLE ROD HOLDER	(1)	(1)	(1)	(1)
31	11-60090620-01	螺钉	SCREW SM9/64-40 L=6	(1)	(1)	(1)	(1)
32	134.03-32	滑块	SLIDE BLOCK	1	1	1	1
33	134.03-33	绕线驱动轮	BOBBIN WINDER DRIVING WHEEL	1	1	1	1
34	109.03-13	机针 11#	NEEDLE DB×1 11#	1	1		
	101.03-13	机针 14#	NEEDLE DB×1 14#			1	1
35	11-80110612-01	绕线驱动轮螺钉	SCREW SM11/64-40 L=4	2	2	2	2
36	11-60080520-01	螺钉	SCREW SM1/8-44 L=4.5	1	1	1	1
37	134.03-37	挑线杆组件	THREAD TAKE-UP ASM.	1	1	1	1
38	134.03-37-01	挑线杆左旋螺钉	SCREW SM9/64-40	(1)	(1)	(1)	(1)
39	134.03-37-02	挑线曲柄	THREAD TAKE-UP CRANK	(1)	(1)	(1)	(1)
40	134.03-37-03	挑线连杆	THREAD TAKE-UP CONNECTING	(1)	(1)	(1)	(1)
41	134.03-37-04	挑线杆	THREAD TAKE-UP BAR	(1)	(1)	(1)	(1)
42	134.03-37-05	挑线摇杆	ROCKER ARM	(1)	(1)	(1)	(1)

三、主轴、针杆部件 MAI SHAFT & NEEDLE BAR COMPONENTS



三、主轴、针杆部件 MAI SHAFT & NEEDLE BAR COMPONENTS

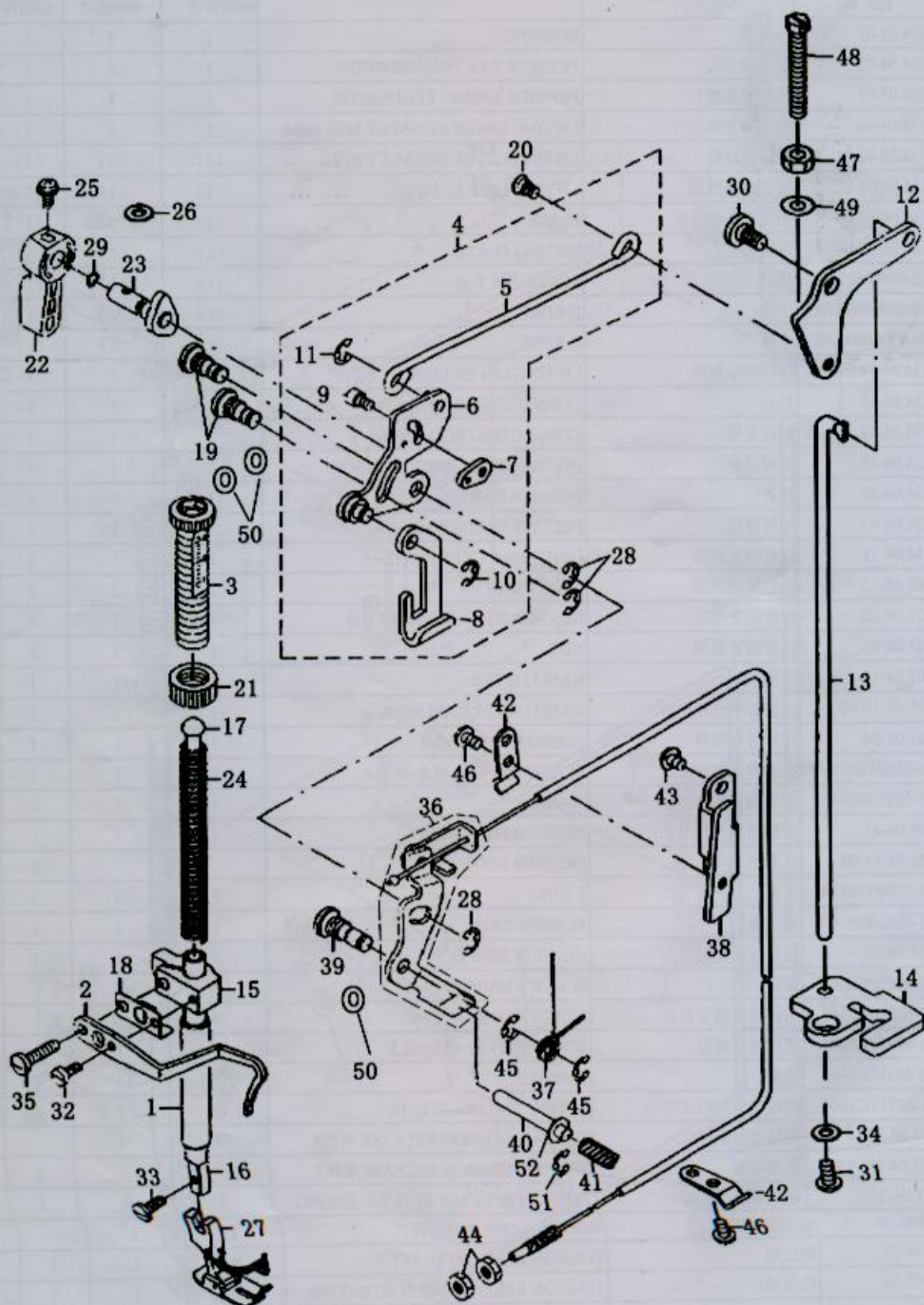
序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
43	134.03-37-06	针杆连接柱套	ROCKER ARM	(1)	(1)	(1)	(1)
44	134.03-37-07	挑线衬套	LINER BUSHING	(1)	(1)	(1)	(1)
45	134.03-37-08	轴承	BEARING 608ZZ	(2)	(2)	(2)	(2)
46	134.03-37-09	轴承	BEARING 605ZZ	(1)	(1)	(1)	(1)
47	134.03-38	挑线曲柄轴	THREAD TAKE-UP CRANK SHAFT	1	1	1	1
48	134.03-39	挡圈	THRUST COLLAR ASM,D=7 W=8	1	1	1	1
49	134.03-40	塑料圈	BEARING SUPPORT	2	2	2	2
50	134.03-41	轴承 K071010	BEARING K071010	2	2	2	2
51	134.03-43	电机组件	MOTOR A ASM	1	1		
52	109.02-28	绳索	CABLE BAND	2	2		
53	134.01-23	螺栓	BOLT	4	4		
54	114.02-31	过线环	NEEDLE BAR THREAD GUIDE	1	1	1	1
55	11-00110620-01	挡圈螺钉	SCREW SM11/64-40 L=6	2	2	2	2
56	11-80151150-01	紧定螺钉	SCREW SM15/64-28 L=11	1	1	1	1
57	134.03-51	针杆接头滑块导轨	GUIDE FOR SLIDE BLOCK	1	1	1	1
58	11-60110820-01	导轨螺钉	SCREW SM11/64-40 L=8	2	2	2	2
59	132.10-32	挑线杆塞	RUBBER PLUG	1	1	1	1
60	11-80151550-01	螺钉 SM15/64X28 L=15	SCREW SM15/64X28 L=15			2	2
61	301.05-10	轴承挡圈	MAIN SHAFT REARING SUPPORT			1	1
62	12-85600512-01	螺钉	SCREW			2	2
63	134.03-19	轴承 6304Z	BEARING 6304Z			1	1



四、抬压脚部件 HAND LIFTER & TENSION RELEASE COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.04-01	压杆套	BUSHING	1	1	1	1
2	134.04-02	缓线调节勾	PRESSER BAR THREAD GUIDE	1	1	1	1
3	134.04-03	压杆调紧螺钉	PRESSER SPRING REGULATOR	1	1	1	1
4	134.04-04	抬压脚杠杆组件	LIFTING LEVER CONNECT ROD ASM	1	1	1	1
5	134.04-04-01	抬压脚拉杆	LIFTING LEVER CONNECT ROD	(1)	(1)	(1)	(1)
6	134.04-04-02	抬压脚前拉杆	LIFTING LINK COMPL	(1)	(1)	(1)	(1)
7	134.04-04-03	抬压脚凸轮挡板	PLATE	(1)	(1)	(1)	(1)
8	134.04-04-04	升降板	LIFTING PLATE	(1)	(1)	(1)	(1)
9	12-60400622-01	螺钉	SCREW M4 L=6	(1)	(1)	(1)	(1)
10	24-05000000-08	卡簧	E-RING	(1)	(1)	(1)	(1)
11	24-05000000-08	卡簧	E-RING	(1)	(1)	(1)	(1)
12	134.04-12	抬压脚后拉杆	LIFTING LEVER LINK	1	1	1	1
13	134.04-13	拉杆	CONNECTING ROD	1	1	1	1
14	134.04-14	拉杆支板	CONNECTING ROD GUIDE	1	1	1	1
15	134.04-15	压杆导块	PRESSER BAR GUIDE BRACKET	1	1	1	1
16	134.04-16	压杆	PRESSER BAR	1	1	1	1
17	101.04-03	压杆导柱	PRESSER GUIDE BAR	1	1	1	1
18	134.04-18	压杆导块托架	GUIDE BRACKET PLATE	1	1	1	1
19	101.04-20	抬压脚螺纹销	LINK SHAFT	2	2	2	2
20	101.04-32	拉杆固定螺钉	HINGE SCREW SM3/16-28 L=5	1	1	1	1
21	101.04-02	压杆调紧螺母	NUT	1	1	1	1
22	101.04-13	压脚扳手	HAND LIFTER	1	1	1	1
23	101.04-16-00	压脚扳手凸轮组件	HAND LIFTER CAM ASM	1	1	1	1
24	101.04-04	压杆导柱弹簧	PRESSER SPRING	1	1	1	1
25	11-30091020-01	扳手固定螺钉	SCREW SM 9/64-40 L=9.5	1	1	1	1
26	21-03810080-01	扳手固定螺钉垫片	WASHER	1	1	1	1
27	109.04-41	压脚组件	PRESSER FOOT ASM	1	1		
	101.04-11-00	压脚组件	PRESSER FOOT ASM			1	1
28	24-05000000-08	卡簧	E-RING	3	3	3	3
29	31-04020000-09	橡皮圈	RUBBER RIGN	1	1	1	1
30	134.04-30	后拉杆固定螺钉	HINGE SCREW D	1	1	1	1
31	11-40120925-01	螺钉	SCREW SM3/16-28 L=10	1	1	1	1
32	11-60090920-01	压杆导块固定螺钉	SCREW SM9/64-40 L=9	1	1	1	1
33	11-60091120-01	压脚固定螺钉	SCREW SM9/64-40 L=10.5	1	1	1	1
34	21-05310100-01	垫圈	WASHER	1	1	1	1
35	11-60111820-01	缓线调节勾固定螺钉	SCREW SM11/64-40 L=18	1	1	1	1
36	134.04-36	松线顶板组件	THREAD TENSION RELEASE WIRE	1	1		
	192.04-29	松线顶板	THREAD TENSION RELEASE WIRE			1	1
37	101.04-27	复位弹簧	TENSION RELEASE RETURN SPRING	1	1	1	1
38	134.04-38	松线板固定架	WIRE HOLDER BRACKET	1	1		
39	101.04-25	螺纹销	TENSION RELEASE SHAFT	1	1	1	1
40	101.03-30	松线轴钉	TENSION RELEASE SUPPORTING PIN	1	1	1	1
41	101.03-33	松线轴钉复位弹簧	TENSION RELEASE PIN SPRIN	1	1	1	1
42	134.04-42	电线压紧板	WIRE HOLDER A	2	2		

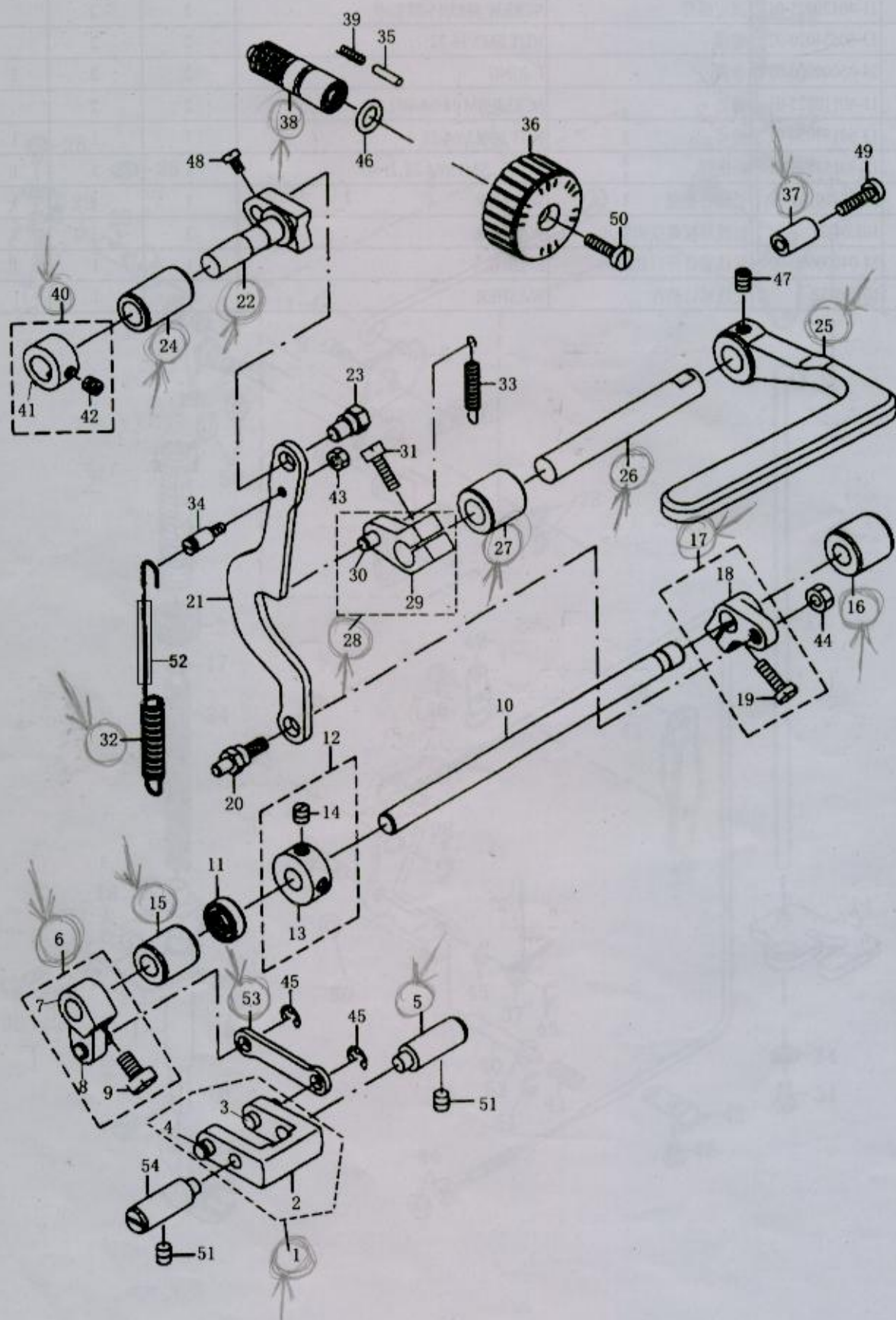
四、抬压脚部件 HAND LIFTER & TENSION RELEASE COMPONENTS



四、抬压脚部件 HAND LIFTER & TENSION RELEASE COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
43	11-40120925-01	固定螺钉	SCREW SM3/16-28 L=9	2	2		
44	13-60624020-02	螺母	NUT SM3/16-32	2	2		
45	24-05000000-08	卡簧	E-RING	2	2	2	2
46	11-40110825-01	螺钉	SCREWSM 11/64-40 L=8	2	2		
47	13-60153020-01	螺母	NUT SM15/64-28	1	1	1	1
48	11-90154320-01	长螺钉	BOLT SM15/64-28 L=43	1	1	1	1
49	21-06410131-01	长螺钉垫圈	WASHER	1	1	1	1
50	101.04-21	松线顶板螺纹销垫片	WASHER	3	3	3	3
51	24-04000000-00	松线辅钉开口挡圈E4	E-RING	1	1	1	1
52	101.03-32	松线辅钉垫片	WASHER	1	1	1	1

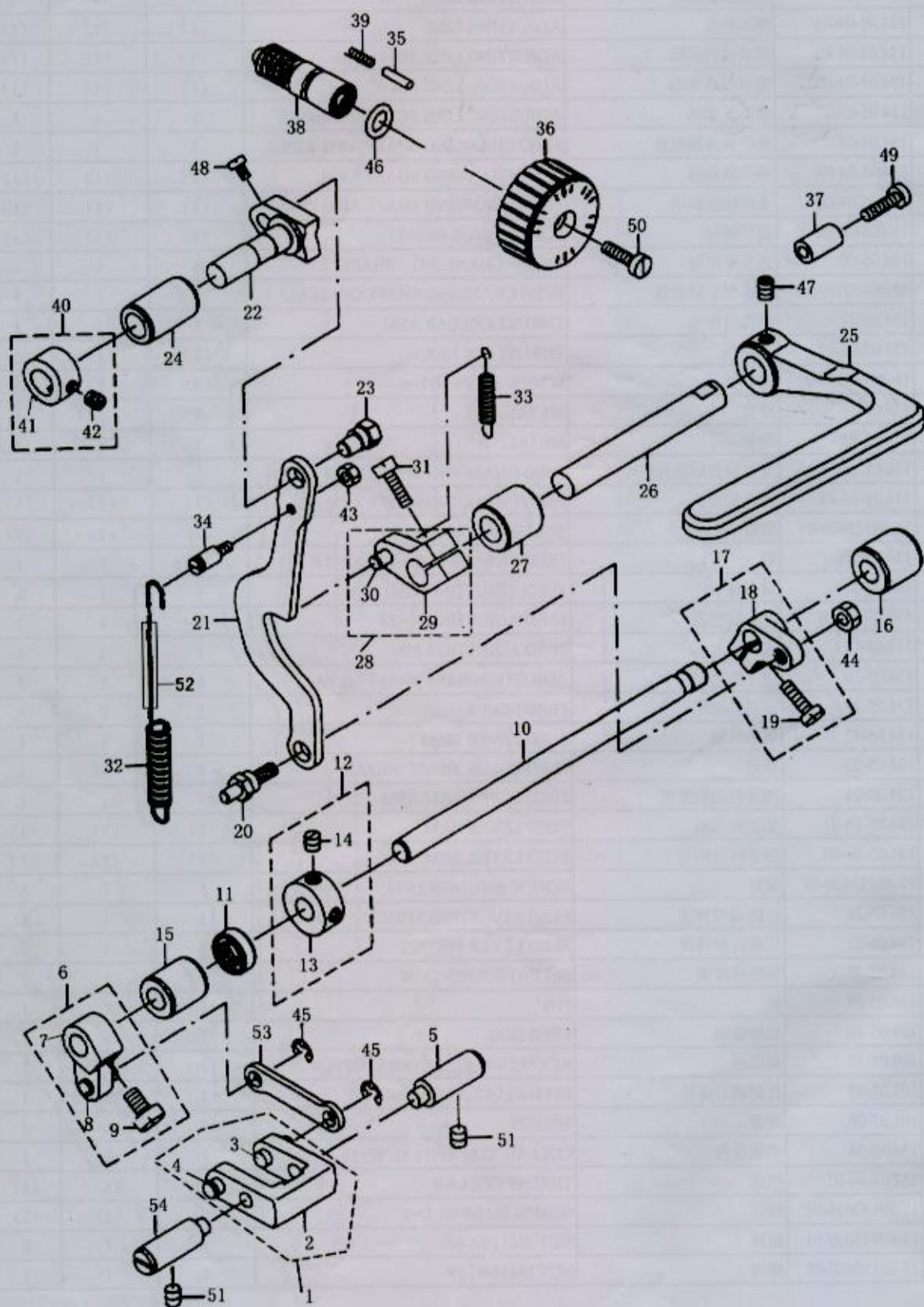
五、针距调节部件 FEED ADJUST MECHANISM COMPONENTS



五、针距调节部件 FEED ADJUST MECHANISM COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.05-01	摆动板座组件	ADJUSTING LINK ASM	1	1	1	1
2	134.05-01-01	摆动板座	ADJUSTING LINK	(1)	(1)	(1)	(1)
3	134.05-01-02	摆动板座销轴	ADJUSTING LINK PIN	(1)	(1)	(1)	(1)
4	134.05-01-03	摆动板座销轴	ADJUSTING LINK PIN	(1)	(1)	(1)	(1)
5	134.05-03	摆动板座销	ADJUSTING LINK FULCRUM SHAFT	1	1	1	1
6	134.05-04	变位轴曲柄组件	FEED CHANGING SHAFT ARM ASM A	1	1	1	1
7	134.05-04-01	变位轴曲柄	FEED CHANGING SHAFT ARM	(1)	(1)	(1)	(1)
8	134.05-04-02	变位轴曲柄销	FEED CHANGING SHAFT ARM PIN	(1)	(1)	(1)	(1)
9	11-00161120-01	固定螺钉	SCREW SM1/4-40 L=11	(1)	(1)	(1)	(1)
10	134.05-06	送布变位轴	FEED CHANGING SHAFT	1	1	1	1
11	32-09470190-09	送布变位轴油封	FEED CHANGING SHAFT OIL SEAL	1	1	1	1
12	134.05-08	挡圈组件	THRUST COLLAR ASM	1	1	1	1
13	134.05-08-01	挡圈	THRUST COLLAR	(1)	(1)	(1)	(1)
14	11-80160610-01	螺钉	SCREW SM1/4-40 L=6	(2)	(2)	(2)	(2)
15	134.05-11	轴套	METAL, A	1	1	1	1
16	134.05-12	轴套	METAL, B	1	1	1	1
17	134.05-13	变位轴曲柄组件	FEED CHANGING SHAFT ARM ASM B	1	1	1	1
18	134.05-13-01	变位轴曲柄	FEED CHANGING SHAFT ARM, B	(1)	(1)	(1)	(1)
19	11-60121420-01	螺钉	SCREW SM3/16-28 L=14	(1)	(1)	(1)	(1)
20	134.05-16	销	FEED CHANGING SHAFT ARM B PIN	1	1	1	1
21	134.05-17	送布调节杆	FEED ADJUSTING ROD	1	1	1	1
22	134.05-18	针距调节座	FEED ADJUSTING BASE	1	1	1	1
23	134.05-19	连杆销	FEED ADJUSTIGN PIN	1	1	1	1
24	134.05-20	调节轴套	ADJUSTIGN BASE SHAFT METAL	1	1	1	1
25	134.05-21	倒送料板手	FEED LEVER	1	1	1	1
26	134.05-22	倒送料轴	FEED LEVER SHAFT	1	1	1	1
27	134.05-23	轴套	FEED LEVER SHAFT METAL	1	1	1	1
28	134.05-24	倒送料曲柄组件	FEED LEVER ARM ASM	1	1	1	1
29	134.05-24-01	倒送料曲柄	FEED LEVER ARM	(1)	(1)	(1)	(1)
30	134.05-24-02	倒送料曲柄销	FEED LEVER ARM	(1)	(1)	(1)	(1)
31	11-60121420-01	螺钉	SCREW SM3/16-28 L=14	1	1	1	1
32	134.05-26	针距调节弹簧	FEED ADJUSTING SPRIGN	1	1	1	1
33	134.05-27	针距杠杆弹簧	FEED LEVER SPRING	1	1	1	1
34	134.05-28	弹簧连接销	SPRING SUSPENSION	1	1	1	1
35	134.05-29	钉	PIN	1	1	1	1
36	109.05-10	针距旋钮	FEED DIAL	1	1	1	1
37	109.01-18	限位器	REVERSE FEED LEVER STOPPER	1	1	1	1
38	101.07-03	针距调节螺杆	FEED REGULATOR SCREW	1	1	1	1
39	101.07-06	弹簧	SPRIGN	1	1	1	1
40	134.05-34	挡圈组件	COLLAR ASM D=11.11 W=10	1	1	1	1
41	134.05-34-01	挡圈	THRUST COLLAR	(1)	(1)	(1)	(1)
42	11-80160610-01	螺钉	SCREW SM1/4-40 L=6	(2)	(2)	(2)	(2)
43	13-60113020-01	螺母	NUT SM11/64-40	1	1	1	1
44	13-60153020-01	螺母	NUT SM15/64-28	1	1	1	1

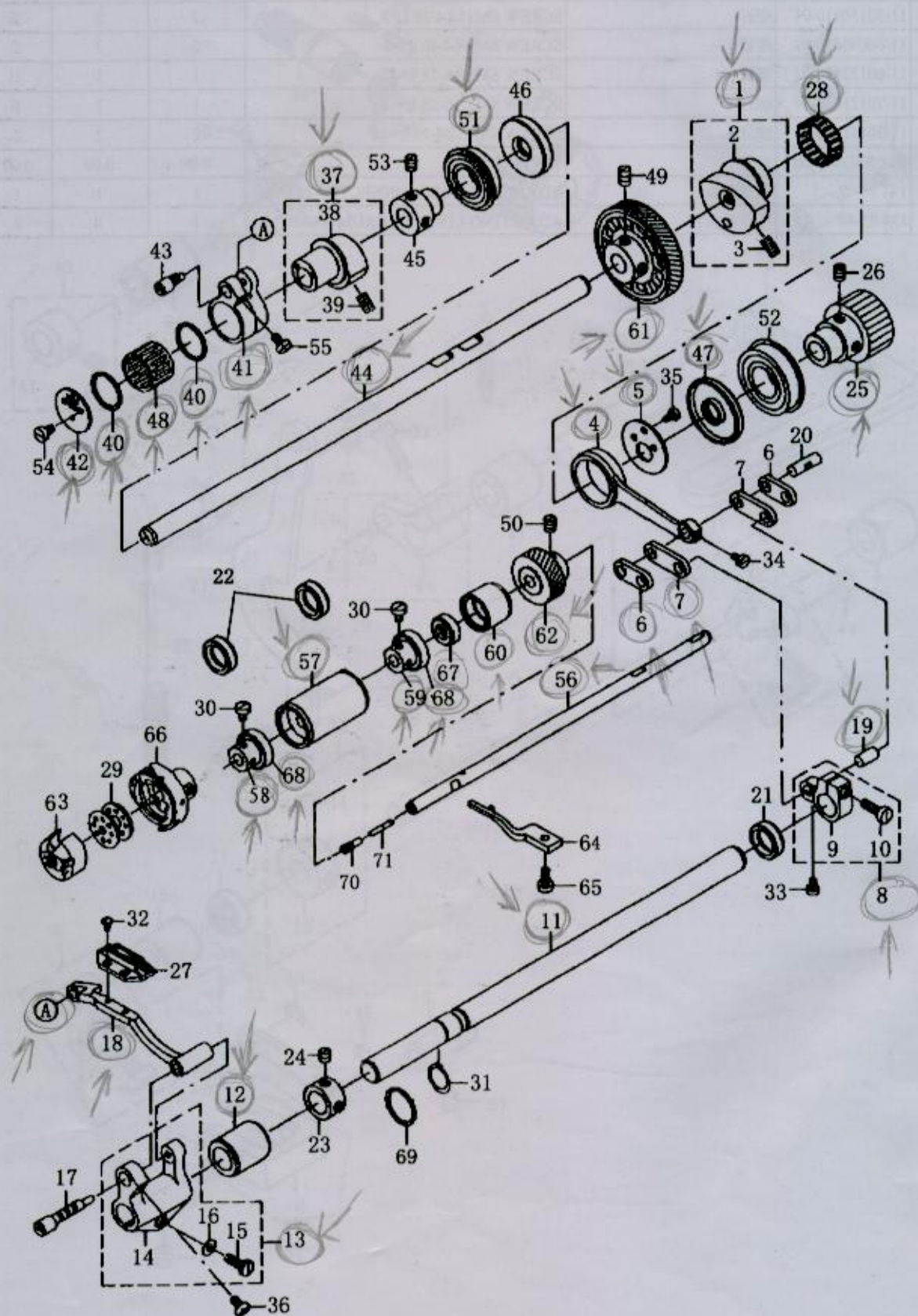
五、针距调节部件 FEED ADJUST MECHANISM COMPONENTS



五、针距调节部件 FEED ADJUST MECHANISM COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
45	24-05000000-08	卡簧	E-RING	2	2	2	2
46	31-09428000-09	橡皮圈	RUBBER RING	1	1	1	1
47	11-80150810-01	螺钉	SCREW SM15/64/28 L=8	2	2	2	2
48	11-60090620-01	螺钉	SCREW SM9/64-40 L=6	2	2	2	2
49	11-60121820-01	螺钉	SCREW SM3/16-28 L=18	1	1	1	1
50	11-70121820-01	螺钉	SCREW SM3/16-28 L=18	1	1	1	1
51	11-80151150-01	螺钉	SCREW SM15/64-28 L=11	2	2	2	2
52	42-05003000-00	油管	VINYL TUBE	0.09	0.09	0.09	0.09
53	134.05-02	倒送料连杆	ADJUSTING LINK CONNECTING LINK	1	1	1	1
54	134.05-48	摆动板座销	ADJUSTING LINK FULCRUM SHAFT	1	1	1	1

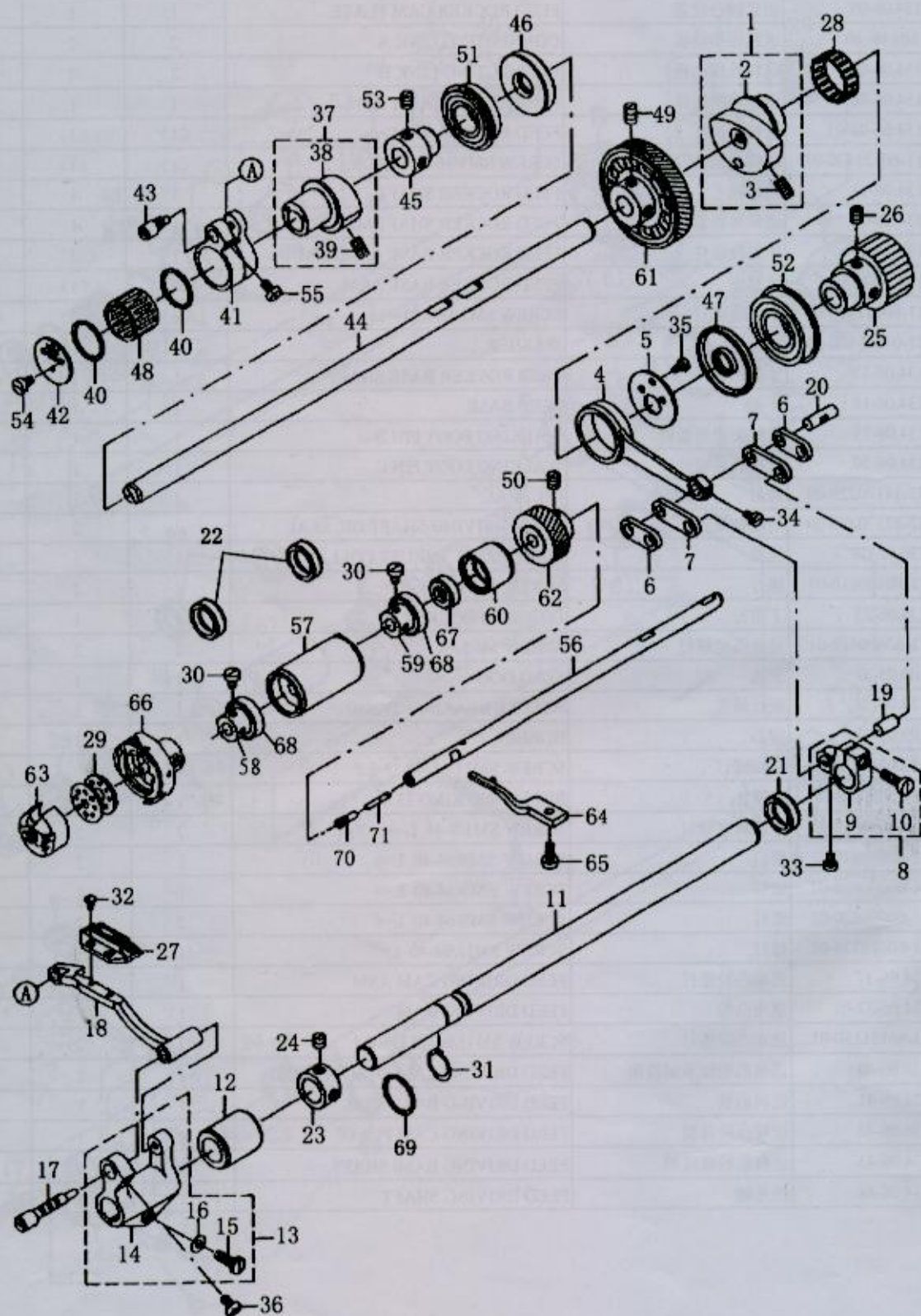
六、送布/旋梭部件 HORIZONTAL FEED & HOOK DRIVING SHAFT COMPONENTS



六、送布/旋梭部件 HORIZONTAL FEED & HOOK DRIVING SHAFT COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.06-01	拾牙轴凸轮组件	FEED ROCKER CAM ASM	1	1	1	1
2	134.06-01-01	拾牙轴凸轮	FEED ROCKER CAM ASM	(1)	(1)	(1)	(1)
3	11-80151150-01	紧固螺钉	SCREW SM15/64-28 L=10.5	(2)	(2)	(2)	(2)
4	134.06-04	拾牙轴连杆	FEED ROCKER ROD	1	1	1	1
5	134.06-05	拾牙轴凸轮盖	FEED ROCKER CAM PLATE	1	1	1	1
6	101.06-10	送料短摆动板	CONNECTING LINK A	2	2	2	2
7	134.06-07	送料长摆动板	CONNECTING LINK B	2	2	2	2
8	134.06-08	送料曲柄组件	FEED ROCKER ARM ASM	1	1	1	1
9	134.06-08-01	送料曲柄	FEED ROCKER ARM	(1)	(1)	(1)	(1)
10	11-60121420-01	送料曲柄螺钉	SCREW SM3/16-28 L=15.5	(1)	(1)	(1)	(1)
11	134.06-11	送料轴	FEED ROCKER SHAFT	1	1	1	1
12	134.06-12	送料轴轴套	FEED ROCKER SHAFT METAL	1	1	1	1
13	134.06-13	牙架座组件	FEED ROCKER BASE ARM ASM	1	1	1	1
14	134.06-13-01	牙架座	FEED ROCKER BASE ARM	(1)	(1)	(1)	(1)
15	11-60121420-01	牙架座螺钉	SCREW SM3/16-28 L=14	(1)	(1)	(1)	(1)
16	21-04808080-01	垫圈	WASHER	(1)	(1)	(1)	(1)
17	134.06-17	牙架销	FEED ROCKER BASE SHAFT	1	1	1	1
18	134.06-18	牙架	FEED BASE	1	1	1	1
19	134.06-19	送料短摆动板销	WALKING FOOT PIN B	1	1	1	1
20	134.06-20	送料长摆动板销	WALKING FOOT PIN C	1	1	1	1
21	32-14170220-09	油封	OIL SEAL	1	1	1	1
22	32-07370220-09	旋梭轴油封	HOOK DRIVING SHAFT OIL SEAL		2		2
23	120.02-08	挡圈	MAIN SHAFT THRUST COLLAR	1	1	1	1
24	11-80160610-01	螺钉	SCREW SM 1/4-40 L=6	2	2	2	2
25	134.06-25	下带轮	LOWER SPROCKET	1	1	1	1
26	12-80600812-01	链轮固定螺钉	SCREW M6 L=8	2	2	2	2
27	109.05-33	牙齿	FEED DOG	1	1	1	1
28	134.06-28	滚针轴承	NEEDLE BEARING 252910	1	1	1	1
29	109.03-41	梭心	BOBBIN	1	1	1	1
30	11-00110620-01	挡圈螺钉	SCREW SM11/64-40 L=5.5	4		4	
31	25-15000000-08	卡簧	RETAINING RING 13.8	1	1	1	1
32	11-60080620-01	牙齿固定螺钉	SCREW SM1/8-44 L=6	2	2	2	2
33	11-60090620-01	螺钉	SCREW SM9/64-40 L=6	1	1	1	1
34	11-00090620-01	螺钉	SCREW SM9/64-40 L=6	1	1	1	1
35	11-60090620-01	螺钉	SCREW SM9/64-40 L=6	2	2	2	2
36	11-60110720-01	螺钉	SCREW SM11/64-40 L=7	1	1	1	1
37	134.06-37	送布凸轮组件	FEED DRIVING CAM ASM	1	1	1	1
38	134.06-37-01	送布凸轮	FEED DRIVING CAM	(1)	(1)	(1)	(1)
39	11-80151150-01	送布凸轮螺钉	SCREW SM15/64-28 L=10.5	(2)	(2)	(2)	(2)
40	134.06-40	送布凸轮轴承限位圈	FEED DRIVING CAM THRUST BUSH	2	2	2	2
41	134.06-41	送料曲柄	FEED DRIVING BASE ARM	1	1	1	1
42	134.06-42	送料凸轮盖板	FEED DRIVING CAM PLATE	1	1	1	1
43	134.06-43	送料曲柄螺纹销	FEED DRIVING BASE SHAFT	1	1	1	1
44	134.06-44	拾牙轴	FEED DRIVING SHAFT	1	1	1	1

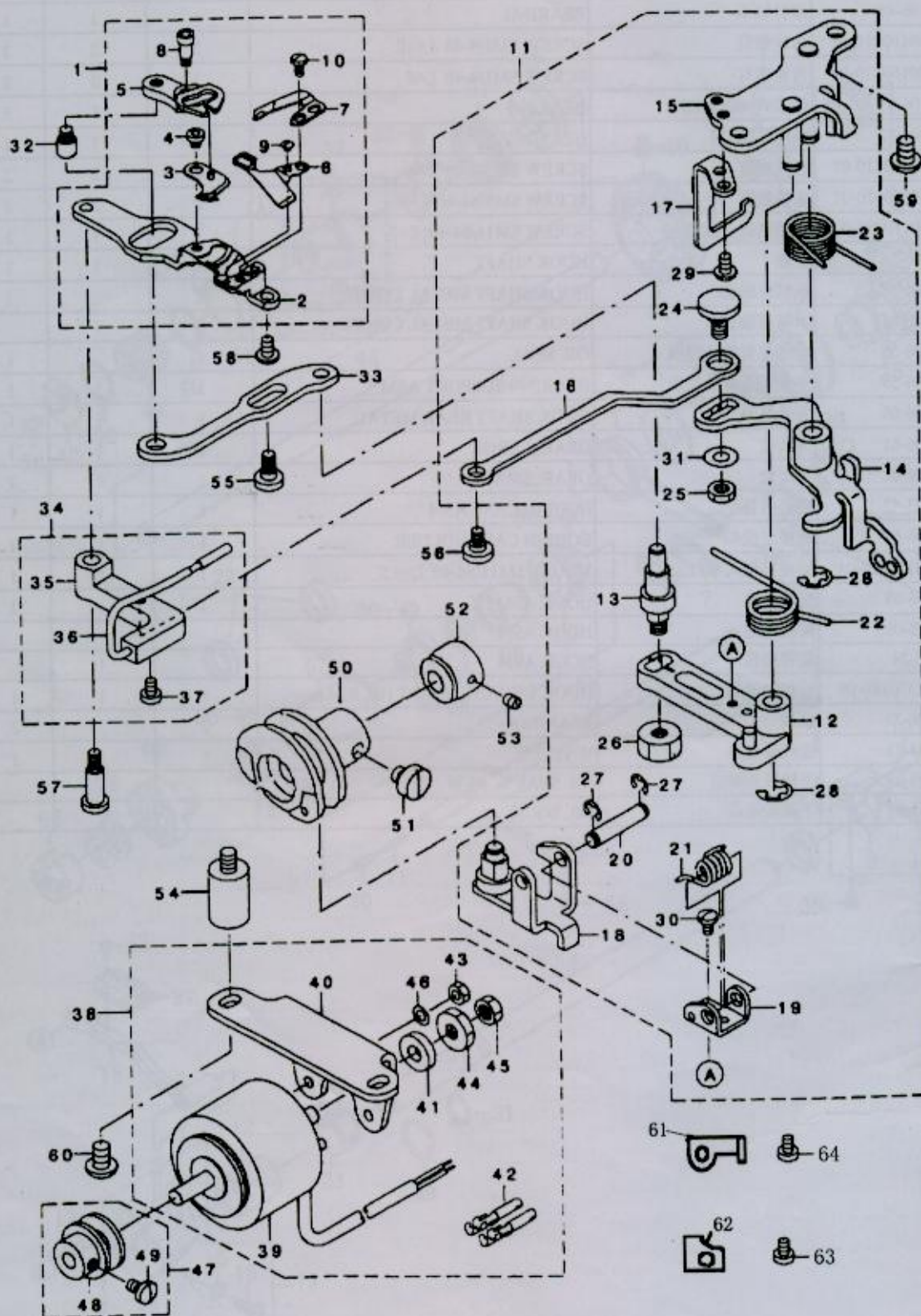
六、送布/旋梭部件 HORIZONTAL FEED & HOOK DRIVING SHAFT COMPONENTS



六、送布/旋梭部件 HORIZONTAL FEED & HOOK DRIVING SHAFT COMPONENTS

序号 NO.	图号	名称	DESIGNATION	数量 (AMT)			
	REF NO.			9000W-7	9000S-7	9000W	9000S
45	134.06-45	抬牙轴轴承挡圈	BEARING SUPPORT	1	1	1	1
46	32-11570370-09	油封	OIL SEAL	1	1	1	1
47	32-11550420-09	油封	OIL SEAL	1	1	1	1
48	134.06-48	滚针轴承	BEARING	1	1	1	1
49	11-80160810-01	齿轮螺钉	SCREW SM1/4-40 L=10	2	2	2	2
50	11-80160810-01	齿轮螺钉	SCREW SM1/4-40 L=8	2	2	2	2
51	134.06-51	轴承NTN6003ZC3	BEARING	1	1	1	1
52	134.06-52	轴承 6004Z	BEARING	1	1	1	1
53	11-80160810-01	挡圈螺钉	SCREW SM1/4-40 L=8	2	2	2	2
54	11-60090620-01	盖板螺钉	SCREW SM9/64-40 L=6	2	2	2	2
55	11-60110720-01	曲柄销固定螺钉	SCREW SM11/64-40 L=7	1	1	1	1
56	134.06-56	下轴	HOOK SHAFT	1	1	1	1
57	134.06-57	下轴前轴套	HOOK SHAFT METAL COMPL	1		1	
	1228.06-57	下轴前轴套	HOOK SHAFT METAL COMPL		1		1
58	134.06-58	下轴前套轴承挡圈	OIL SEAL	1		1	
59	134.06-59	下轴后套轴承挡圈	BEARING SUPPORT ASM	1	1	1	1
60	134.06-60	下轴后轴套	HOOK SHAFT REAR METAL	1	1	1	1
61	134.06-61	大齿轮	GEAR ,LARGE	1	1	1	1
62	134.06-62	小齿轮	GEAR ,SMALL	1	1	1	1
63	109.03-42-1	梭壳组件	BOBBIN CASE ASM	1	1	1	1
64	134.06-67	旋梭定位勾	BOBBIN CASE HOLDER	1	1	1	1
65	11-60111020-01	旋梭定位勾螺钉	SCREW SM11/64-40 L=9.5	1	1	1	1
66	134.06-69	旋梭组件	HOOK ASM	1		1	
	101.05-01	旋梭组件	HOOK ASM				1
	109.03-24	旋梭组件	HOOK ASM		1		
67	32-07370180-09	旋梭轴油封	HOOK DRIVING SHAFT OIL SEAL	1	1	1	1
68	134.06-73	轴承	BEARING	2		2	
69	120.04-31	送料轴垫片	WASHER	1	1	1	1
70	101.05-08	下轴限油螺钉	OIL SEAL SCREW		1		1
71	101.05-09	下轴限油芯	OIL WICK		1		1

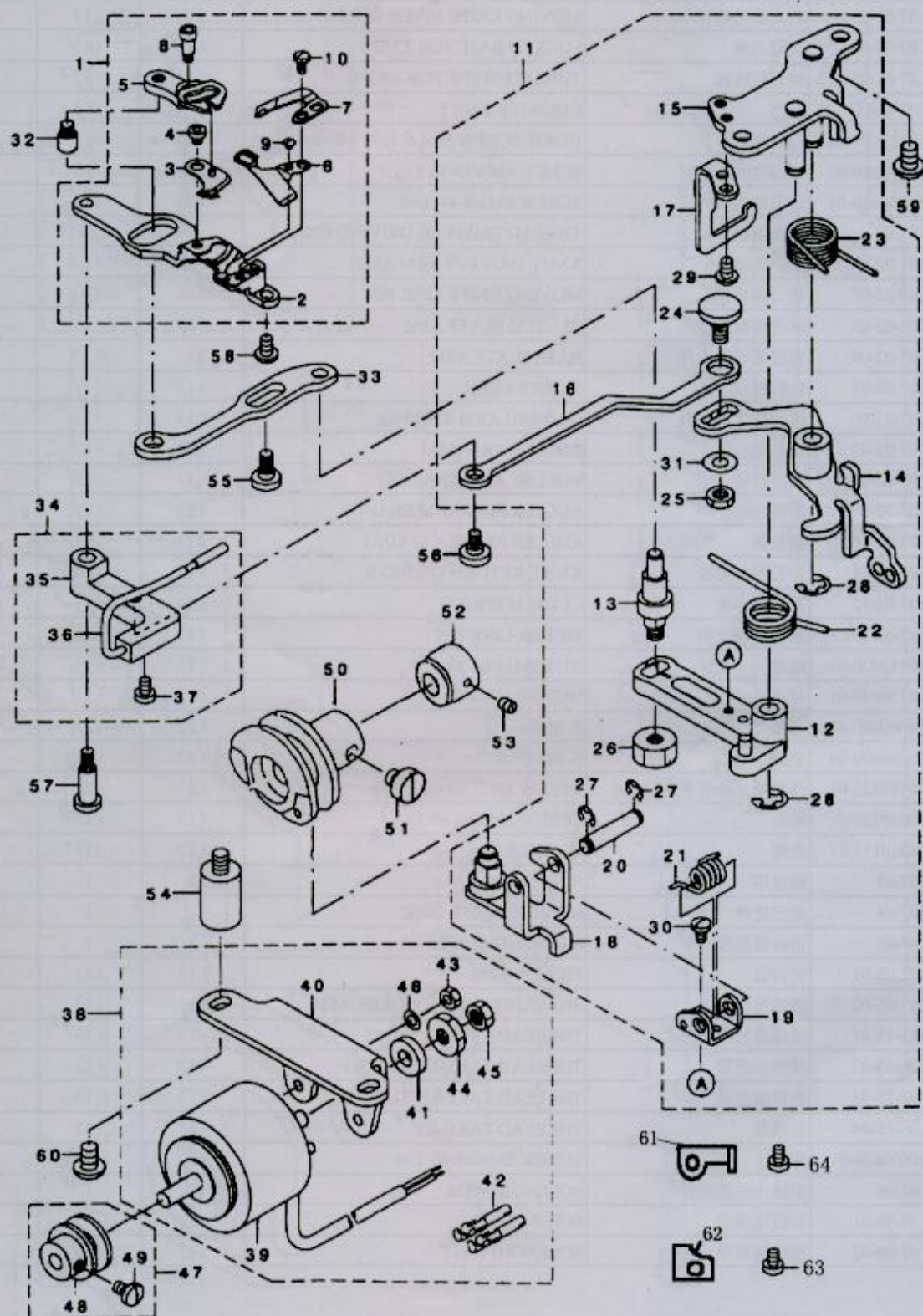
七、剪线部件 THREAD TRIMMER COMPONENTS



七、剪线部件 THREAD TRIMMER COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.07-01	切刀组件	KNIFE UNIT	1	1		
2	134.07-01-01	安装刀座	KNIFE INSTALLING BASE	(1)	(1)		
3	134.07-01-02	动刀组件	MOVING KNIFE ASM	(1)	(1)		
4	134.07-01-03	动刀铰链螺钉	MOVING KNIFE HINGE SCREW	(1)	(1)		
5	134.07-01-04	叉形刀座	FORKED BASE FOR KNIFE	(1)	(1)		
6	134.07-01-05	切刀栏线板	THREAD GUIDE FOR KNIFE	(1)	(1)		
7	134.07-01-06	定刀	COUNTER KNIFE	(1)	(1)		
8	134.07-01-07	铰链螺钉	HINGE SCREW D=4.6 H=7 (9/64-40 L=3.	(1)	(1)		
9	11-20060320-02	切刀栏线板螺钉	SCREW SM3/32-56 L=2.3	(1)	(1)		
10	11-60080620-01	定刀螺钉	SCREW SM1/8-44 L=6	(2)	(2)		
11	134.07-02	剪线器组件	THREAD TRIMMER DRIVING UNIT	1	1		
12	134.07-02-01	切刀驱动臂	KNIFE DRIVING ARM ASM	(1)	(1)		
13	134.07-02-02	动刀连杆销	MOVING KNIFE LINK PIN	(1)	(1)		
14	134.07-02-03	离合器板组件	CLUTCH PLATE ASM	(1)	(1)		
15	134.07-02-04	剪线器底板组件	BASE PLATE ASM	(1)	(1)		
16	134.07-02-05	拾料杆	PICKER LINK	(1)	(1)		
17	134.07-02-06	传动臂止动装置	DRIVING ARM STOPPER	(1)	(1)		
18	134.07-02-07	滚柱臂组件	ROLLER ARM ASM	(1)	(1)		
19	134.07-02-08	滚柱臂架	ROLLER ARM BRACKET	(1)	(1)		
20	134.07-02-09	滚柱	ROLLER FULCRUM SHAFT	(1)	(1)		
21	134.07-02-10	滚拉簧	ROLLER RETURN SPRING	(1)	(1)		
22	134.07-02-11	切刀回复弹簧	KNIFE RETURN SPRING B	(1)	(1)		
23	134.07-02-12	离合器弹簧	CLUTCH SPRING	(1)	(1)		
24	134.07-02-13	拾料杆螺纹销	PICKER LINK PIN	(1)	(1)		
25	13-60153020-01	螺母	NUT SM15/64-28	(1)	(1)		
26	13-60158020-01	螺母	NUT SM15/64-28	(1)	(1)		
27	24-04000000-08	卡簧	E-RING	(2)	(2)		
28	24-06000000-08	卡簧	E-RING	(2)	(2)		
29	11-40110825-01	传动臂止动装置螺钉	SCREW SM11/64-40 L=8	(2)	(2)		
30	11-70090720-01	螺钉	SCREW SM9/64-40 L=7	(1)	(1)		
31	21-06410131-01	垫圈	WASHER	(1)	(1)		
32	134.07-03	螺纹销	PIN	1	1		
33	134.07-04	动刀连杆	MOVING KNIFE LINK	1	1		
34	134.07-05	拾料臂组件	PICKER ARM ASM	1	1		
35	134.07-05-01	拾料臂	PICKER ARM	(1)	(1)		
36	134.07-05-02	拨线组件	THREAD TAKE-UP PICKER ASM	(1)	(1)		
	109.06-15-01	拨线器管	THREAAD TAKE-UP RING	(1)	(1)		
	109.06-15-02	拨线器端圈	THREAAD TAKE-UP SPRING	(1)	(1)		
	109.06-15-03	拨线器压簧	THREAAD TAKE-UP TUBE	(1)	(1)		
	109.06-15-04	拨线器	THREAAD TAKE-UP	(1)	(1)		
37	11-60090620-01	螺钉	SCREW SM9/64-40 L=6	(2)	(2)		
38	134.07-06	剪线电磁铁组件	SOLENOID ASM	1	1		
39	134.07-06-01	剪线电磁铁	SOLENOID	(1)	(1)		
40	134.07-06-02	拨线按装座	SOLENOID BASE	(1)	(1)		

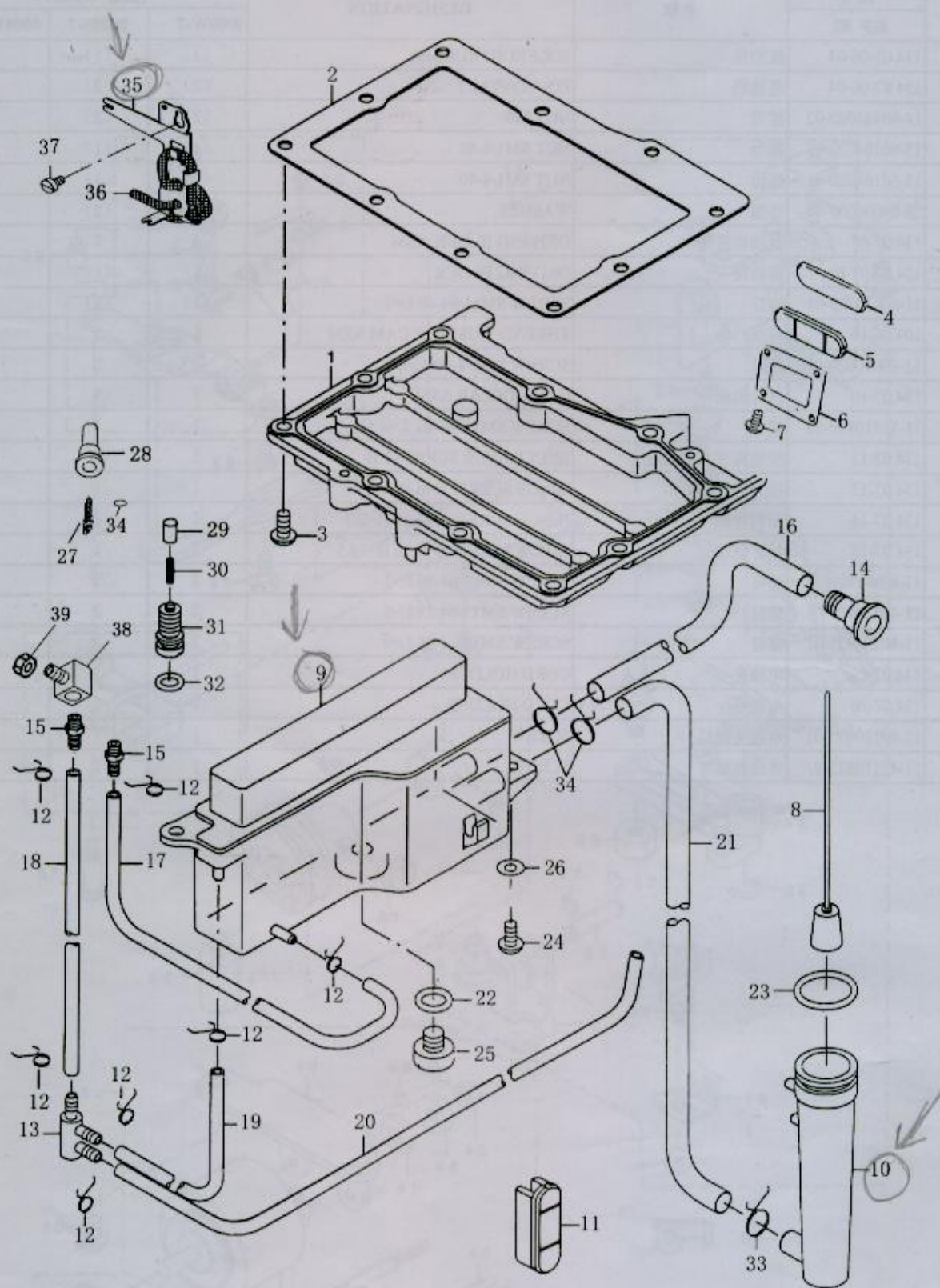
七、剪线部件 THREAD TRIMMER COMPONENTS



七、剪线部件 THREAD TRIMMER COMPONENTS

Belt and Thread Trimmer Components							
序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
	9000W-7			9000S-7	9000W	9000S	
41	134.07-06-03	橡胶垫	SOLENOID RUBBER	(1)	(1)		
42	134.07-06-04	连接销	PIN CONTACT	(2)	(2)		
43	14-60403020-02	螺母	NUT M4	(2)	(2)		
44	13-60164020-01	螺母	NUT SM1/4-40	(1)	(1)		
45	13-60164020-01	螺母	NUT SM1/4-40	(1)	(1)		
46	22-04000000-08	垫圈	WASHER	(2)	(2)		
47	134.07-07	驱动块组件	DRIVING BLOCK ASM	1	1		
48	134.07-07-01	驱动块	DRIVING BLOCK	(1)	(1)		
49	11-60110720-01	螺钉	SCREW SM11/64-40 L=7	(1)	(1)		
50	109.06-19	剪线凸轮	THREAD TRIMMER CAM ASM	1	1		
51	11-60090620-01	螺钉	SCREW SM1/4-40 L=6	2	2		
52	134.07-10	凸轮挡圈	CAM COLLAR ASM	1	1		
53	11-70110820-01	螺钉	SCREW SM11/64-40 L=4.5	1	1		
54	134.07-12	安装座支撑螺纹柱	BELT COVER SUPPORT B	2	2		
55	134.07-13	动刀连杆螺钉	HINGE SCREW D=6 H=3.2	1	1		
56	134.07-14	拾料杆螺钉	HINGE SCREW D=6.35 H=2.7	1	1		
57	134.07-15	拾牙臂螺钉	HINGE SCREW D=6.35 H=14.5	1	1		
58	11-60111020-01	螺钉	SCREW SM11/64-40 L=7	2	2		
59	11-40150925-01	螺钉	SCREW SM15/64-28 L=9	2	2		
60	11-40150925-01	螺钉	SCREW SM15/64-28 L=9	2	2		
61	134.07-19	电线夹	CORD HOLDER	1	1		
62	134.07-20	电线夹	CORD HOLDER	1	1		
63	11-40120925-01	电线夹螺钉	SCREW	1	1		
64	11-40110825-01	电线夹螺钉	SCREW	1	1		

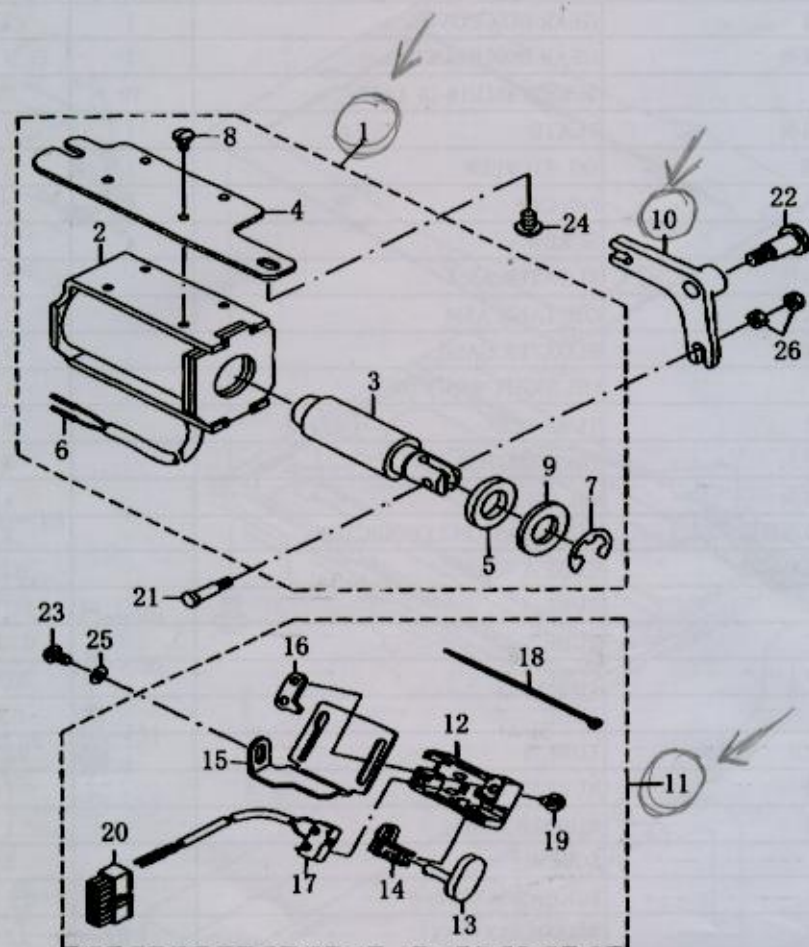
八、润滑部件 OIL LUBRICATION COMPONENTS



八、润滑部件 OIL LUBRICATION COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.08-01	小油盘	GEAR BOX COVER	1	1	1	1
2	134.08-02	小油盘垫	GEAR BOX PACKING	1	1	1	1
3	11-40120925-01	螺钉	SCREW SM3/16-28 L=10	10	10	10	10
4	134.08-04	油窗盖板	PLATE	1	1	1	1
5	134.08-05	油封垫	OIL STOPPER	1	1	1	1
6	134.08-06	油窗	OIL CAP	1	1	1	1
7	11-00110520-01	螺钉	SCREW	4	4	4	4
8	1228.08-08	油标组件	FLOATER ASM		1		1
9	1228.08-09	油箱组件	OIL TANK ASM		1		1
10	1228.08-10	油标盒	FLOATER CASE		1		1
11	1228.08-11	油窗	OIL SIGHT WINDOW		1		1
12	1228.08-12	油管夹	TUBE CLIP		8		8
13	1228.08-13	油管接头	DISTRIBUTOR		2		2
14	1228.08-14	进油接头	OIL INLET		1		1
15	423.12-36	润滑油连接器	LUBRICATION CONNECTOR		2		2
16	42-09007000-00	大油管A	TUBE A		0.25		0.25
17	42-05003000-00	油管A	TUBE		0.12		0.12
18	42-05003000-00	油管C	TUBE		0.035		0.035
19	42-05003000-00	油管D	TUBE		0.06		0.06
20	42-05003000-00	油管E	TUBE		0.9		0.9
21	42-09007000-00	大油管B	TUBE B		0.23		0.23
22	31-06224000-09	橡皮圈	RUBBER RING		1		1
23	31-20024000-09	橡皮圈	RUBBER RING		1		1
24	11-40120925-01	螺钉	SCREW		2		2
25	11-70200720-01	螺钉	SCREW3/16X28 L=9		1		1
26	21-05010110-01	垫圈	WASHER5X10.5X1		2		2
27	1228.08-28	油量调节螺钉	SCREW		1		1
28	1228.08-29	油量调节套	MELODDY OIL SFAT		1		1
29	120.02-64	活塞	PLUNGER		1		1
30	1228.08-31	活塞弹簧	PLUNGER SPRING		1		1
31	1228.08-32	柱塞螺钉	PLUNGER SCREW		1		1
32	31-07020000-09	橡皮圈	RUBBER RING		1		1
33	1228.08-34	油管夹	TUBE CLIP		3		3
34	31-04518000-09	油量调节螺柱O型圈	RUBBER RING		1		1
35	1228.08-38	油绳架	OIL RETURN TUBE HOLDER		1		1
36	43-1030000-00	油绳	OIL WICK		0.5		0.5
37	11-60090620-01	螺钉	SCREW		1		1
38	1228.08-43	油管接头	LUBRICATION CONNECTOR		1		1
39	13-60153020-01	螺母	NUT SM15/64-28		1		1

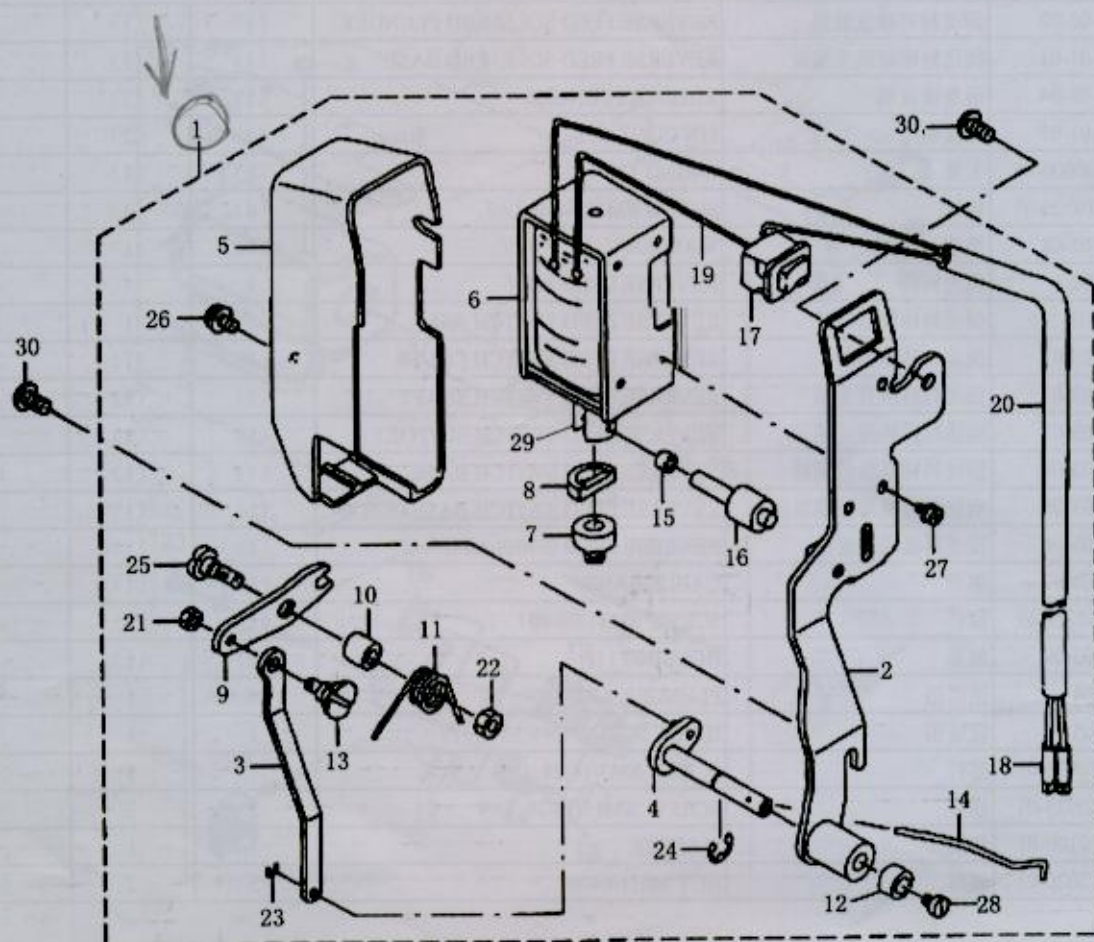
九、倒送料部件 AUTOMATIC REVERSE FEED COMPONENTS



九、倒送料部件 AUTOMATIC REVERSE FEED COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.09-01	倒送料电磁铁组件	REVERSE FEED SOLENOID BASE ASM	1	1		
2	134.09-01-01	倒送料电磁铁	REVERSE FEED SOLENOID	(1)	(1)		
3	134.09-01-02	倒送料电磁铁活塞	REVERSE FEED SOLENOID PLUNGER	(1)	(1)		
4	134.09-01-03	倒送料电磁铁安装板	REVERSE FEED SOLENOID BASE	(1)	(1)		
5	134.09-01-04	活塞橡皮圈	RUBBER PLUNGER	(1)	(1)		
6	134.09-01-05	连接销	PIN CONTACT	(2)	(2)		
7	24-12000000-08	卡簧	E-RING 12	(1)	(1)		
8	11-60110720-01	螺钉	SCREW SM11/64-40 L=7	(4)	(4)		
9	134.09-01-08	垫圈	WASHER	(1)	(1)		
10	134.09-02	倒送料臂	REVERSE FEED ARM	1	1		
11	134.09-03	倒送料转换器组件	REVERSE FEED SWITCH ASM	1	1		
12	134.09-03-01	倒送料转换器盖	REVERSE FEED SWITCH COVER	(1)	(1)		
13	134.09-03-02	倒送料转换开关轴	REVERSE FEED SWITCH SHAFT	(1)	(1)		
14	134.09-03-03	倒送料转换开关座	REVERSE FEED SWITCH SUPPORT	(1)	(1)		
15	134.09-03-04	倒送料转换器按装板	REVERSE FEED SWITCH BASE	(1)	(1)		
16	134.09-03-05	倒送料转换器按装板挡板	REVERSE FEED SWITCH BASE GUIDE	(1)	(1)		
17	134.09-03-06	反送料接线器组件	REVERSE FEED CORD ASM	(1)	(1)		
18	134.09-03-07	绑带	CABLE BAND	(1)	(1)		
19	11-60110720-01	螺钉	SCREW SM11/64-40 L=7	(1)	(1)		
20	134.09-03-09	触头	HOUSING 14P	(1)	(1)		
21	134.09-04	活塞销	PLUNGER ARM PIN	1	1		
22	134.09-05	铰链销	HINGE SCREW D=9.53 H=15	1	1		
23	11-40120925-01	螺钉	SCREW SM3/16-28 L=9	1	1		
24	11-40150925-01	螺钉	SCREW SM15/16-28 L=9	2	2		
25	21-05310100-01	垫圈	WASHER	1	1		
26	13-60113020-01	螺母	NUT SM11/64-40	2	2		

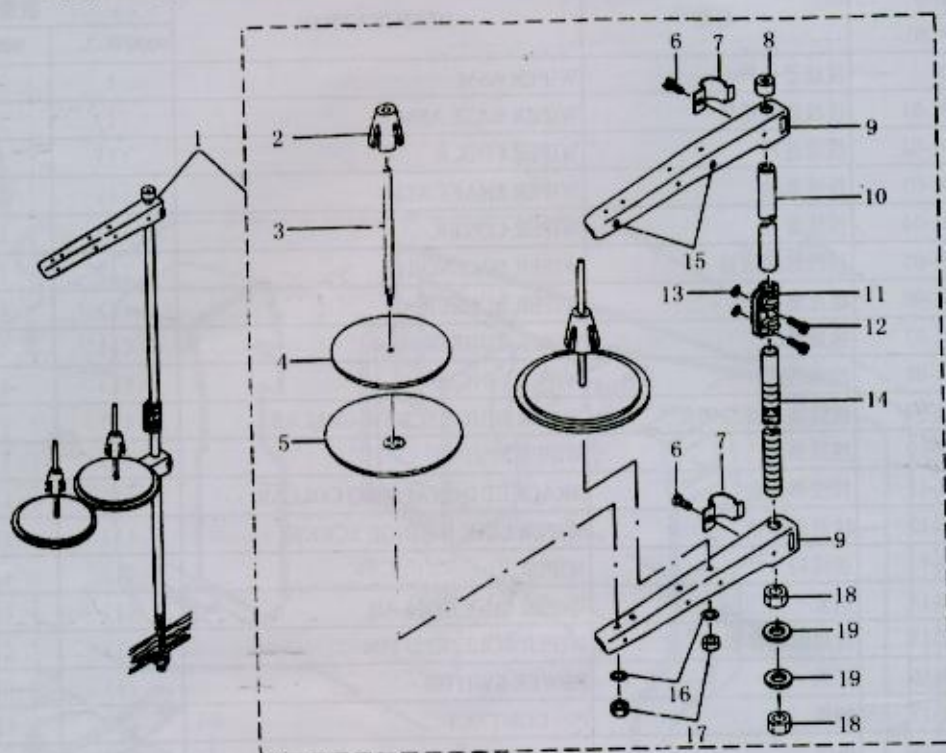
十 拨线部件 WIPER COMPONENTS



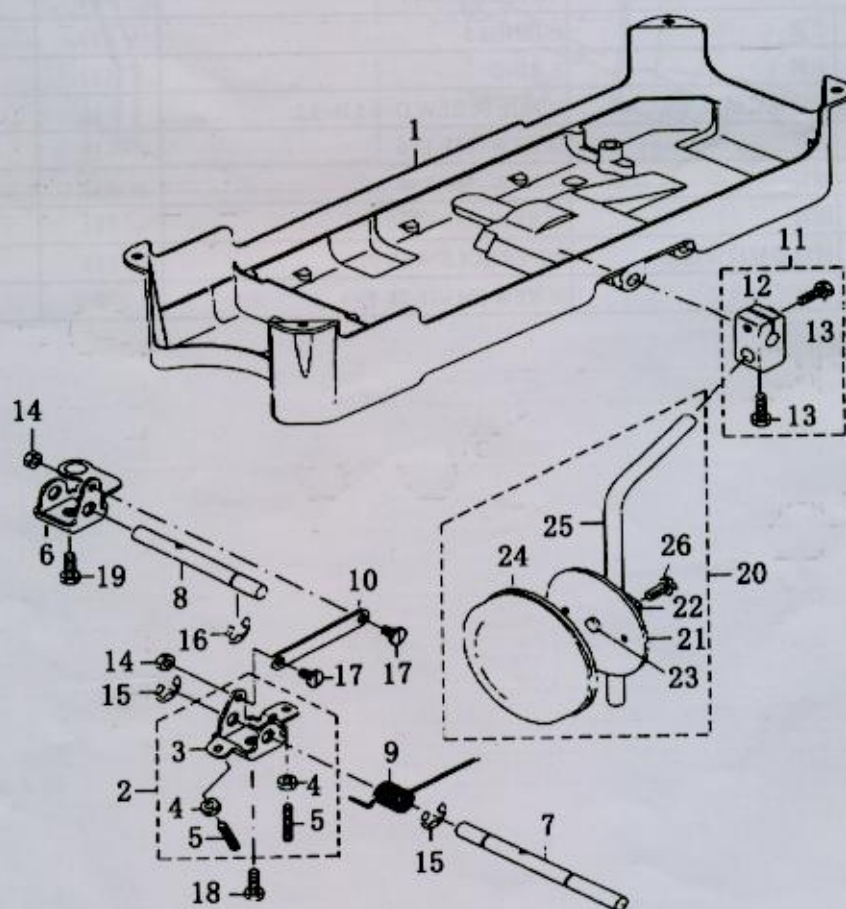
十 拨线部件 WIPER COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.10-01	拨线器组件	WIPER ASM	1	1		
2	134.10-01-01	拨线器板组件	WIPER BASE ASM	(1)	(1)		
3	134.10-01-02	拨线连杆	WIPER LINK B	(1)	(1)		
4	134.10-01-03	拨线器轴	WIPER SHAFT ASM	(1)	(1)		
5	134.10-01-04	拨线器盖	WIPER COVER	(1)	(1)		
6	134.10-01-05	拨线器螺线管	WIPER SOLENOID	(1)	(1)		
7	134.10-01-06	橡皮垫	WIPER RUBBER A	(1)	(1)		
8	134.10-01-07	橡皮垫	WIPER RUBBER B	(1)	(1)		
9	134.10-01-08	拨线连杆	WIPER LINK A	(1)	(1)		
10	134.10-01-09	拨线连杆螺纹销套	WIPER HINGE SCREW COLLAR	(1)	(1)		
11	134.10-01-10	拨线弹簧	WIPER SPRING	(1)	(1)		
12	134.10-01-11	拨线器轴套	BRACKET INSTALLING COLLAR	(1)	(1)		
13	134.10-01-12	铰链螺钉销	WIPER LINK B HINGE SCREW	(1)	(1)		
14	134.10-01-13	拨线勾	WIPER	(1)	(1)		
15	134.10-01-14	销套	WIPER LINK COLLAR	(1)	(1)		
16	134.10-01-15	拨线螺线管销	WIPER SOLENOID PIN	(1)	(1)		
17	134.10-01-16	开关	POWER SWITCH	(1)	(1)		
18	134.10-01-17	触头	PIN CONTACT	(2)	(2)		
19	134.10-01-18	电线	ELECTRIC WIRE	0.04	0.04		
20	134.10-01-19	电线管套	2-CORE CABTYRE CORD	1.33	1.33		
21	13-60093020-01	螺母	NUTSM 9/64-40	(1)	(1)		
22	13-60113020-01	螺母	NUT SM11/64-40	(1)	(1)		
23	24-02500000-08	卡簧	E-RING2.5	(1)	(1)		
24	24-05000000-08	卡簧	E-RING	(1)	(1)		
25	134.10-01-24	铰链螺钉销	HINGE SCREW D=6.5 H=3.2	(1)	(1)		
26	12-60300621-02	螺钉	SCREW M3 L=6	(1)	(1)		
27	12-60300621-02	螺钉	SCREW M3 L=6	(3)	(3)		
28	11-40090625-01	螺钉	SCREW SM9/64-40 L=5	(1)	(1)		
29	134.10-01-29	拨线器螺线管活塞	WIPER SOLENOID PIN	(1)	(1)		
30	11-40120925-01	螺钉	SCREW SM3/16-28 L=9	2	2		

十一 线架组件 THREAD STAND COMPONENTS



十二 油盘部件 OIL REDERVOIR COMPONENTS



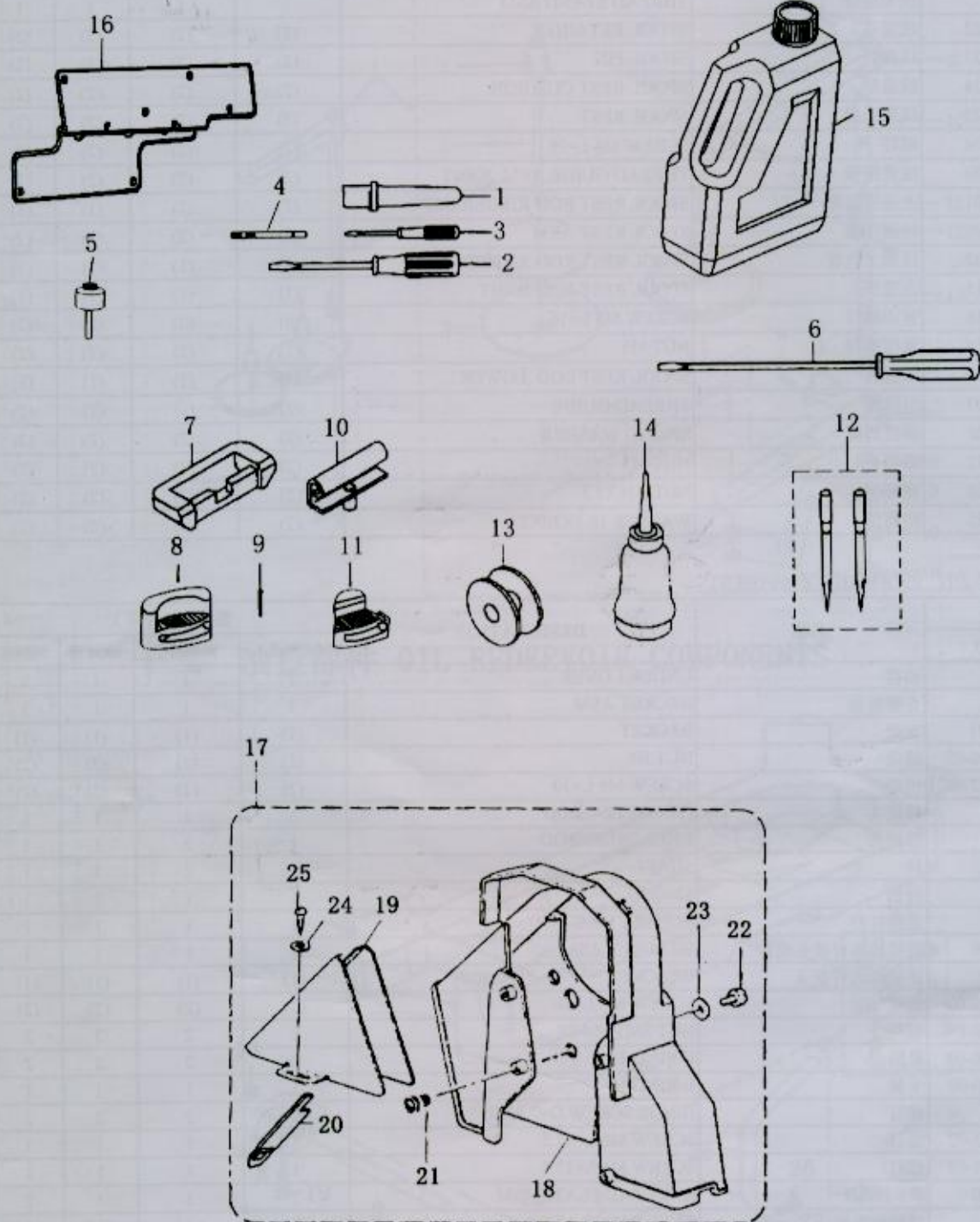
十一 线架组件 THREAD STAND COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	101.11-01	线架组件	THREAD STAND ASM	1	1	1	1
2	279.12-00-22	线盘芯	SPOOL RETAINER	(2)	(2)	(2)	(2)
3	279.12-00-23	线盘钉	SPOOL PIN	(2)	(2)	(2)	(2)
4	279.12-00-24	线盘垫	SPOOL REST CUSHION	(2)	(2)	(2)	(2)
5	279.12-00-25	线圈托盘	SPOOL REST	(2)	(2)	(2)	(2)
6	279.12-00-04	螺钉	SCREW M6 L=18	(2)	(2)	(2)	(2)
7	279.12-00-03	线臂抱攀	THREAD GUIDE ARM JOINT	(2)	(2)	(2)	(2)
8	279.12-00-01	上直管盖帽	SPOOL REST ROD RJBBER CAP	(1)	(1)	(1)	(1)
9	279.12-00-08	短固线臂	SPOOL REST ARM	(2)	(2)	(2)	(2)
10	279.12-00-02	线架上直管	SPOOL REST ROD ,UPPER	(1)	(1)	(1)	(1)
11	279.12-00-15	直管接头	SPOOL REST ROD JOINT	(1)	(1)	(1)	(1)
12	279.12-00-16	紧固螺钉	SCREW M5 L=16	(2)	(2)	(2)	(2)
13	279.12-00-14	紧固螺母	NUT M5	(2)	(2)	(2)	(2)
14	279.12-00-19	下直管	SPOOL REST ROD ,LOWER	(1)	(1)	(1)	(1)
15	279.12-00-07	引线圈	THREAD GUIDE	(2)	(2)	(2)	(2)
16	279.12-00-26	弹性垫圈	SPRING WASHER	(2)	(2)	(2)	(2)
17	279.12-00-27	螺帽	NUT M5	(2)	(2)	(2)	(2)
18	279.12-00-20	螺帽	NUTM16X1.5	(2)	(2)	(2)	(2)
19	279.12-00-21	防震垫	WASHER 16.1X30X2.6	(2)	(2)	(2)	(2)

十二 油盘部件 OIL REDERVOIR COMPONENTS

序号 NO.	图号 REF NO.	名称	DESIGNATION	数量 (AMT)			
				9000W-7	9000S-7	9000W	9000S
1	134.12-02	油盘	UNDER COVER	1	1	1	1
2	134.12-03	支架组件	BRCKET ASM	1	1	1	1
3	134.12-03-01	支架	BRCKET	(1)	(1)	(1)	(1)
4	14-60605020-02	螺母	NUT H6	(2)	(2)	(2)	(2)
5	12-80603012-02	螺钉	SCREW M6 L=30	(2)	(2)	(2)	(2)
6	134.12-07	杆接头	CONNECTING ROD	1	1	1	1
7	134.12-08	膝提杆	KNEE PRESS ROD	1	1	1	1
8	134.12-09	杆	SHAFT	1	1	1	1
9	134.12-10	弹簧	SPRING	1	1	1	1
10	134.12-11	连接杆	CONNECTING ROD	1	1	1	1
11	101.09-10-00	膝提操纵杆接头组件	BRACKET ASM	1	1	1	1
12	101.09-10	膝提操纵杆接头	BRACKET	(1)	(1)	(1)	(1)
13	12-90602423-02	螺钉	SCREW M6 L=20	(2)	(2)	(2)	(2)
14	13-60153020-01	螺母	NUT SM15/64-28	2	2	2	2
15	24-10000000-09	卡簧	E-RING 10	2	2	2	2
16	24-10000000-09	卡簧	E-RING 10	1	1	1	1
17	134.04-30	螺钉	HINGE SCREW D=7.24 H=3.3	2	2	2	2
18	12-90601833-02	螺钉	SCREW M6 L=17.5	1	1	1	1
19	12-90601833-02	螺钉	SCREW M6 L=17.5	1	1	1	1
20	101.09-15-00	操纵杆组件	KNEE PAD PLATE ASM.	1	1	1	1
21	101.09-19	膝提操纵板	KNEE PAD PLATE	(1)	(1)	(1)	(1)
22	101.09-17	膝提操纵杆接头	KNEE PAD PLATE SUPPORT	(1)	(1)	(1)	(1)
23	101.09-18	橡皮垫	KNEE PAD PLATE RUBBER	(1)	(1)	(1)	(1)
24	101.09-20	膝提操纵板垫	KNEE PAD PLATE COVER	(1)	(1)	(1)	(1)
25	101.09-15	膝提操纵杆	KNEE PAD UPRIGHT SHAFT	(1)	(1)	(1)	(1)
26	12-90151520-01	螺钉	SCREW M6 L=12	(1)	(1)	(1)	(1)

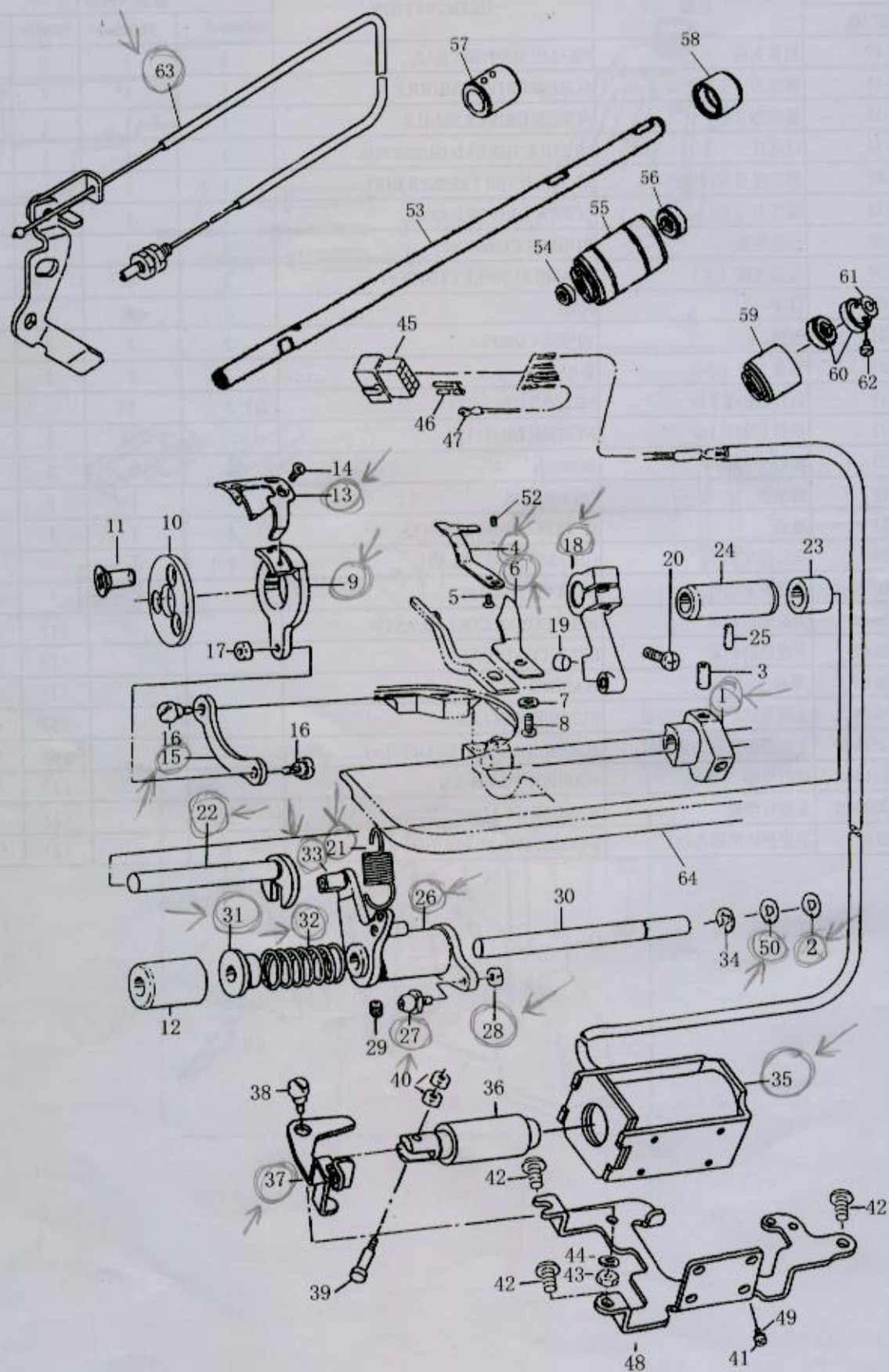
十三 附件部件 ACCESSORIES PART COMPONENTS



十三 附件部件 ACCESSORIES PART COMPONENTS

序号 NO.	图号	名称	DESIGNATION	数量 (AMT)			
	REF NO.			9000W-7	9000S-7	9000W	9000S
1	101.12-19	机头支柱	FRAME SUPPORT BAR	1	1	1	1
2	101.12-16	螺丝刀 (中)	SCREW DRIVER,MIDDLE	1	1	1	1
3	101.12-17	螺丝刀 (小)	SCREW DRIVER,SMALL	1	1	1	1
4	101.03-34	过线柱	NEEDLE THREAD GUIDE PIN	1	1	1	1
5	134.13-07	膝控提升顶杆组件	KNEE LIFTER PRESSER ROD	1	1	1	1
6	101.12-15	螺丝刀 (大)	SCREW DRIVER,LARGE	1	1	1	1
7	120.09-02	铰链座垫	RUBBER CUSHION	2	2	2	2
8	120.09-04	油盘支座 (大)	FRAME RUBBER CUSHION	2	2	2	2
9	101.12-03	钉子	NAIL	8	8	8	8
10	101.12-01	铰链	HINGE COMPL.	2	2	2	2
11	120.09-05	油盘支座 (小)	WASHER	2	2	2	2
12	109.03-13	机针 DB×1 11#	NEEDLE DB×1 11#	3	3		
	101.03-13	机针 DB×1 14#	NEEDLE DB×1 11#			3	3
13	101.05-03	梭心	BOBBIN	2	2	2	2
14	279.11-18	滴油壶	OILER ASM.	1	1	1	1
15	101.12-21	油壶	DEFRIX OIL NO.1(600CC)	1	1	1	1
16	134.03-50	选针盒支架	HB SETTING PLATE	1	1		
17	192.10-20	皮带护罩组件	BELT COVER ASSY			1	1
18	192.10-20-01	上皮带防护罩	BELT COVER COLLAR ASSY			(1)	(1)
19	192.10-20-02	下皮带防护罩	BELT COVE CAP			(1)	(1)
20	192.10-20-03	罩片	WASHER			(1)	(1)
21	192.10-20-04	上皮带防护罩橡皮胶圈	RUBBER COLLAR			(5)	(5)
22	11-40622025-01	上皮带防护罩固定螺钉	SCREW PAN SM11/64-40 L=8			(5)	(5)
23	21-04608110-01	螺钉垫圈	WASHER PLAIN L5			(5)	(5)
24	21-04212090-02	木螺钉垫圈	WASGER PLAIN			(2)	(2)
25	192.10-20-08	下皮带防护罩木螺钉	WOOD SCREW ROUND			(2)	(2)

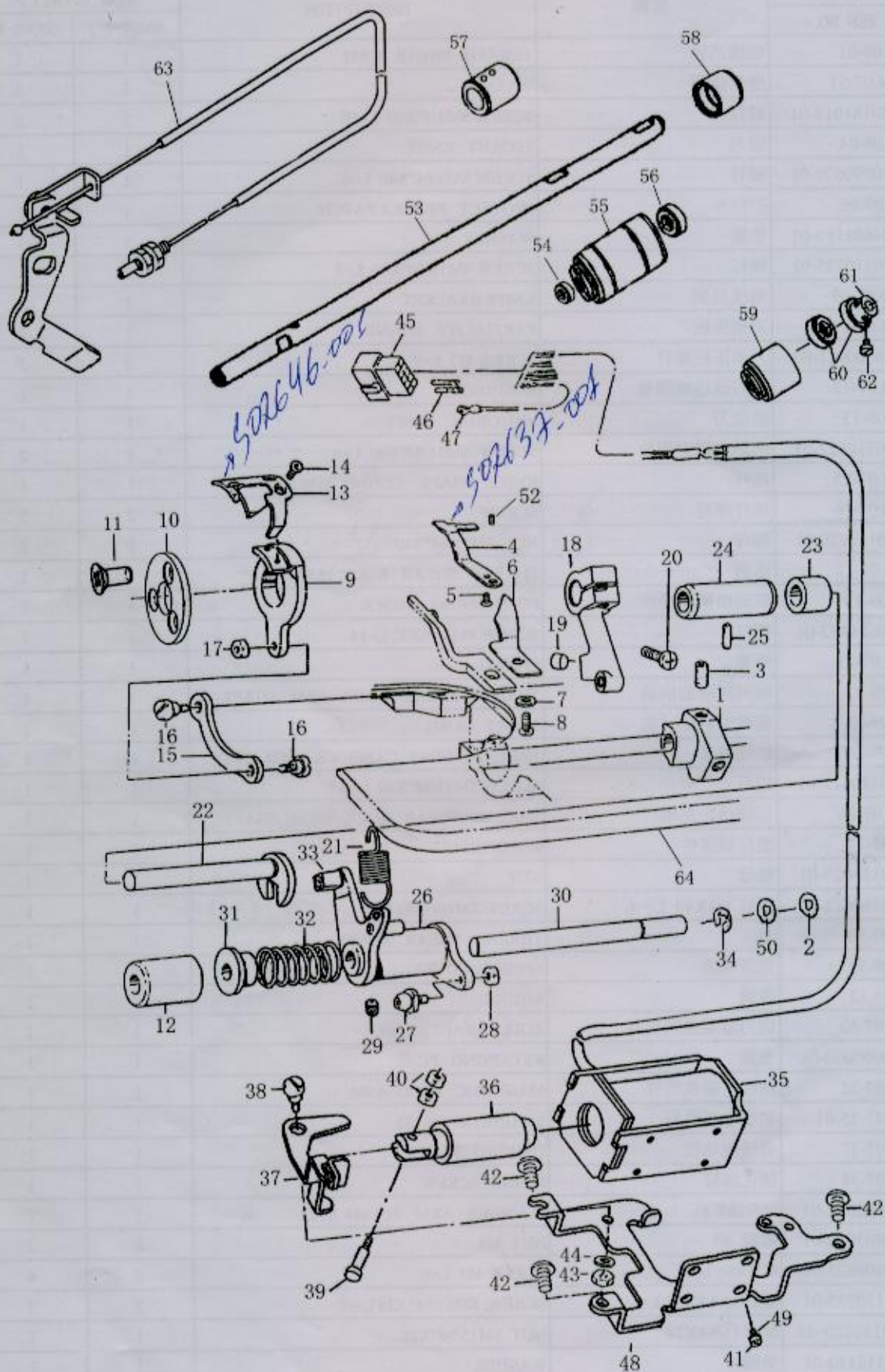
十四. 9000S-7-Y/9000W-7-Y专用件 EXCLUSIVE PART FOR 9000S-7-Y/9000W-7-Y



十四 9000S-7-Y/9000W-7-Y专用件 EXCLUSIVE PART FOR 9000S-7-Y/9000W-7-Y

序号 NO.	图号 REF NO.	名称	DESCRIPTION	数量 (AMT)	
				9000W-7-Y	9000S-7-Y
1	158.09-01	切线凸轮	THREAD SHEAR CAM	1	1
2	1254.07-51	塑料垫圈	WASHER	1	1
3	11-80161012-01	螺钉	SCREW SM1/4"X40 L=10	2	2
4	158.09-04	定刀	SECANT KNIFE	1	1
5	11-10090620-01	螺钉	SCREW SM9/64"X40 L=6	1	1
6	158.09-06	护针片	PROTECT NEEDLE PATCH	1	1
7	21-04608110-01	垫圈	WASHER	1	1
8	11-40110725-01	螺钉	SCREW SM11/64"X40 L=7	1	1
9	1254.07-09	剪线刀架	KNIFE BRACKET	1	1
10	1254.07-10	刀架压板	PARTIALITY SHANK	1	1
11	12-10300921-02	刀架压板螺钉	SCREW M3 L=9	3	3
12	1254.07-12	切刀驱动轴轴套	BUSHING	1	1
13	158.09-13	活动刀	MOTORIAL KNIFE	1	1
14	11-10110622-01	活动刀固定螺钉	SCREW SM11/64"X40 L=6	2	2
15	1254.07-15	连杆	KNIFE SHAFT CONNECTING ROD	1	1
16	1254.07-16	连杆螺钉	SCREW	2	2
17	13-60113020-01	螺母	NUT SM11/64"X40	1	1
18	1254.07-18	曲柄	THREAD SHEAR ROCK ARM	1	1
19	158.09-19	驱动曲柄止动块	POSITIONING BLOCK	1	1
20	11-60621422-01	螺钉	SCREW SM3/16X32 L=14	1	1
21	1254.07-21	弹簧	SPRING	1	1
22	158.09-22	切刀驱动曲柄轴	THREAD SHEAR ROCK ARM SHAFT	1	1
23	158.09-23	驱动曲柄轴衬套	SHORT BUSH	1	1
24	158.09-24	切线轴套	THREAD SHEAR CAMROCK ARM ASSY	1	1
25	11-80110612-01	螺钉	SCREW SM11/64"X40 L=6	1	1
26	1254.07-26	切线凸轮曲柄	THREAD SHEAR ROCK ARM SHAFT	1	1
27	158.09-27	滚柱轴组件	ROLL SHAFT ASSY	1	1
28	13-60113020-01	螺母	NUT	1	1
29	11-80160612-01	螺钉 1/4X40 L=6	SCREW SM1/4"X40 L=6	1	1
30	158.09-30	轴	THREAD SHEAR SHAFT	1	1
31	158.09-31	扭簧端盖	SPRING COVER	1	1
32	158.09-32	弹簧	SPRING	1	1
33	1254.07-50	切刀驱动曲柄组件	ROLL SHAFT ASSY	1	1
34	24-06000000-08	卡簧	RETAINING PING	1	1
35	1254.07-35	切线电磁铁组件	MAGNETIC PLUG ASM	1	1
36	1254.07-35-01	切线电磁铁杆	MAGNETIC PLUG	1	1
37	1254.07-37	剪线驱动板	DRIVING PLATE	1	1
38	1254.07-38	轴位螺钉	HINGE SCREW	1	1
39	12-60402522-01	轴位螺钉M4 L=25	PLUNGER ARM PIN M4 L=25	1	1
40	14-60403020-01	螺母 M4	NUT M4	2	2
41	12-40300625-01	螺钉M3 L=6	SCREW M3 L=6	4	4
42	11-40150925-01	螺钉 15/64X28 L=9	SCREW SM15/64"X28 L=9	3	3
43	13-60155020-01	螺母 15/64X28	NUT SM15/64"X28	1	1
44	21-06112110-01	垫圈	WASHER	1	1

十四. 9000S-7-Y/9000W-7-Y专用件 EXCLUSIVE PART FOR 9000S-7-Y/9000W-7-Y



十四 9000S-7-Y/9000W-7-Y专用件 EXCLUSIVE PART FOR 9000S-7-Y/9000W-7-Y

45	134.09-03-09	14孔接线器	HOUSING 14P	1	1
46	134.07-06-04	电线插头	PIN CONTACT	6	6
47	109.06-65	地线接头	GROUND WIRE ASM	1	1
48	1254.07-48	剪线电磁铁支架	SOLENOID BASE	1	1
49	21-03810080-01	垫圈	WASHER	1	1
50	21-08210162-03	垫圈	WASHER	1	1
51	1254.07-51	塑料垫圈	WASHER	1	1
52	11-80090412-01	螺钉	SCREW SM9/64"X40 L=4	1	1
53	1254.06-56	下轴	HOOK SHAFT	1	1
54	32-07430120-09	下轴套油封	OIL SEAL		1
55	32-07370220-09	下轴套油封	OIL SEAL		1
56	32-07370220-09	下轴套油封	OIL SEAL		1
57	1254.06-12	送料轴轴套	FEED ROCKER SHAFT METAL	1	1
58	1254.06-60	下轴后轴套	HOOK SHAFT REAR METAL	1	1
59	1254.06-57-01	下轴前套	HOOK SHAFT METAL COMPL	1	
60	1254.06-57-04	轴承6901Z	BEARING	2	
61	1254.06-57-03	下轴前套内轴套	HOOK SHAFT METAL COMPL	1	
62	12-80600612-01	螺钉	SCREW M6 L=6	2	
63	1254.04-36	松线顶板组件	THREAD TENSION RELEASE WIRE	1	1
64	1254.01-25	底板	BED	1	1

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部件/序号	图号	数量 (AMT)			
		9000W-7	9000S-7	9000W	9000S
6/6	101.06-10	2	2	2	2
1/10	101.01-08	1	1	1	1
1/33	101.01-11	1		1	
1/34	101.01-11	1	1	1	1
1/36	101.01-11	1	1	1	1
1/32	101.01-12	2	2	2	2
1/75	101.01-14	1	1	1	1
1/18	101.01-17	1	1	1	1
1/19	101.03-07	1	1	1	1
3/34	101.03-13			1	1
13/12	101.03-13			3	3
1/50	101.03-16	1	1	1	1
1/51	101.03-18	1	1	1	1
1/40	101.03-19-00	1	1	1	1
1/48	101.03-19-1	(1)	(1)	(1)	(1)
1/45	101.03-20	(1)	(1)	(1)	(1)
1/42	101.03-21	(1)	(1)	(1)	(1)
1/44	101.03-24	(2)	(2)	(2)	(2)
1/22	101.03-24	(2)	(2)	(2)	(2)
1/47	101.03-25	(1)	(1)	(1)	(1)
1/46	101.03-26	(1)	(1)	(1)	(1)
1/43	101.03-27	(1)	(1)	(1)	(1)
1/41	101.03-28	(1)	(1)	(1)	(1)
1/21	101.03-30	1	1	1	1
4/40	101.03-30	1	1	1	1
4/52	101.03-32	1	1	1	1
4/41	101.03-33	1	1	1	1
13/4	101.03-34	1	1	1	1
4/21	101.04-02	1	1	1	1
4/17	101.04-03	1	1	1	1
4/24	101.04-04	1	1	1	1
4/27	101.04-11-00			1	1
4/22	101.04-13	1	1	1	1
4/23	101.04-16-00	1	1	1	1
4/6	101.04-19-02	[1]	[1]	[1]	[1]
4/19	101.04-20	2	2	2	2
4/50	101.04-21	3	3	3	3
4/39	101.04-25	1	1	1	1
4/37	101.04-27	1	1	1	1
4/20	101.04-32	1	1	1	1
6/66	101.05-01				1
13/13	101.05-03	2	2	2	2
1/14	101.06-39	1	1	1	1

部件/序号	图号	数量 (AMT)			
		9000W-7	9000S-7	9000W	9000S
1/15	101.06-39-01	(1)	(1)	(1)	(1)
1/16	101.06-40	(1)	(1)	(1)	(1)
5/38	101.07-03	1	1	1	1
5/39	101.07-06	1	1	1	1
12/12	101.09-10	(1)	(1)	(1)	(1)
12/11	101.09-10-00	1	1	1	1
12/25	101.09-15	(1)	(1)	(1)	(1)
12/20	101.09-15-00	1	1	1	1
12/22	101.09-17	(1)	(1)	(1)	(1)
12/23	101.09-18	(1)	(1)	(1)	(1)
12/21	101.09-19	(1)	(1)	(1)	(1)
12/24	101.09-20	(1)	(1)	(1)	(1)
11/1	101.11-01	1	1	1	1
13/10	101.12-01	2	2	2	2
13/9	101.12-03	8	8	8	8
13/6	101.12-15	1	1	1	1
13/2	101.12-16	1	1	1	1
13/3	101.12-17	1	1	1	1
13/1	101.12-19	1	1	1	1
13/15	101.12-21	1	1	1	1
5/37	109.01-18	1	1	1	1
1/52	109.01-21	1	1	1	1
1/53	109.01-22	(1)	(1)	(1)	(1)
1/54	109.01-23	(1)	(1)	(1)	(1)
1/57	109.01-24	(2)	(2)	(2)	(2)
1/55	109.01-25	(1)	(1)	(1)	(1)
1/56	109.01-26	(1)	(1)	(1)	(1)
3/52	109.02-28	2	2		
3/34	109.03-13	1	1		
13/12	109.03-13	3	3		
6/66	109.03-24		1		
6/29	109.03-41	1	1	1	1
6/63	109.03-42-1	1	1	1	1
4/27	109.04-41	1	1		
5/36	109.05-10	1	1	1	1
6/27	109.05-33	1	1	1	1
7/36	109.06-15-01	(1)	(1)		
7/36	109.06-15-02	(1)	(1)		
7/36	109.06-15-03	(1)	(1)		
7/36	109.06-15-04	(1)	(1)		
7/50	109.06-19	1	1		
1/33	113.01-09		1		1
3/28	114.02-30	1	1	1	1

部件/序号	图号	数量 (AMT)			
NO.	REF NO.	9000W-7	9000S-7	9000W	9000S
3/27	114.02-31	1	1	1	1
3/54	114.02-31	1	1	1	1
3/30	120.02-07	(1)	(1)	(1)	(1)
6/23	120.02-08	1	1	1	1
3/32	134.03-32	1	1	1	1
8/29	120.02-64		1		1
6/69	120.04-31	1	1	1	1
13/7	120.09-02	2	2	2	2
13/8	120.09-04	2	2	2	2
13/11	120.09-05	2	2	2	2
1/74	1227.01-77				1
1/74	1228.01-77		1		
6/57	1228.06-57		1		1
8/8	1228.08-08		1		1
8/8	1228.08-08-01		(1)		(1)
8/8	1228.08-08-02		(1)		(1)
8/9	1228.08-09		1		1
8/9	1228.08-09-01		(1)		(1)
8/9	1228.08-09-02		(1)		(1)
8/10	1228.08-10		1		1
8/11	1228.08-11		1		1
8/13	1228.08-13		2		2
8/14	1228.08-14		1		1
8/27	1228.08-28		1		1
8/28	1228.08-29		1		1
8/30	1228.08-31		1		1
8/31	1228.08-32		1		1
8/33	1228.08-34		3		3
8/35	1228.08-38		1		1
8/38	1228.08-43		1		1
3/59	132.10-32	1	1	1	1
8/12	132.10-91		8		8
1/1	134.01-01	1	1	1	1
1/2	134.01-02	1	1	1	1
1/3	134.01-03	1	1	1	1
1/4	134.01-04	1	1	1	1
1/5	134.01-05	1	1		
1/6	134.01-06	1	1	1	1
1/7	134.01-07	1	1	1	1
1/8	134.01-08	2	2		
1/9	134.01-09	1	1	1	1
1/12	134.01-13	1	1	1	1
1/23	134.01-23	4	4		
3/53	134.01-23	4	4		

部件/序号	图号	数量 (AMT)			
NO.	REF NO.	9000W-7	9000S-7	9000W	9000S
1/23	134.01-23-01	(4)	(4)		
1/23	134.01-23-02	(4)	(4)		
1/23	134.01-23-03	(4)	(4)		
1/25	134.01-25	1	1	1	1
1/37	134.01-37	2	2	2	2
1/38	134.01-38	1	1	1	1
1/39	134.01-41	1	1	1	1
1/20	134.01-56-04	(1)	(1)	(1)	(1)
1/62	134.01-66	1	1		
1/63	134.01-66-01	(1)	(1)		
1/64	134.01-66-02	(1)	(1)		
1/65	134.01-66-03	(1)	(1)		
1/66	134.01-66-04	(1)	(1)		
1/67	134.01-66-05	(1)	(1)		
1/68	134.01-66-06	(1)	(1)		
1/69	134.01-66-07	(1)	(1)		
1/70	134.01-66-08	(1)	(1)		
1/72	134.01-76	1	1		
1/74	134.01-77	1			
1/73	134.01-79	1	1		
1/1	134.02-01	1	1	1	1
1/2	134.02-01-01	(1)	(1)	(1)	(1)
1/2	134.02-01-01-01	[1]	[1]	[1]	[1]
1/2	134.02-01-01-02	[1]	[1]	[1]	[1]
1/2	134.02-01-01-03	[1]	[1]	[1]	[1]
1/2	134.02-01-01-04	[1]	[1]	[1]	[1]
1/2	134.02-01-01-05	[1]	[1]	[1]	[1]
1/3	134.02-01-02	(1)	(1)	(1)	(1)
1/5	134.02-01-04	(1)	(1)	(1)	(1)
1/6	134.02-01-05	(1)	(1)	(1)	(1)
1/7	134.02-01-06	(1)	(1)	(1)	(1)
1/7	134.02-01-06-01	[1]	[1]	[1]	[1]
1/7	134.02-01-06-02	[1]	[1]	[1]	[1]
1/8	134.02-01-07	(1)	(1)	(1)	(1)
1/9	134.02-01-08	(2)	(2)	(2)	(2)
1/10	134.02-01-09	(1)	(1)	(1)	(1)
1/11	134.02-01-10	(1)	(1)	(1)	(1)
1/12	134.02-01-11	(1)	(1)	(1)	(1)
1/13	134.02-01-12	(1)	(1)	(1)	(1)
1/19	134.02-02	1	1	1	1
1/21	134.02-02-02	(1)	(1)	(1)	(1)
1/21	134.02-02-02-01	[1]	[1]	[1]	[1]
1/21	134.02-02-02-02	[1]	[1]	[1]	[1]
1/23	134.02-02-04	(1)	(1)	(1)	(1)

部件/序号	图号	数量 (AMT)			
NO.	REF NO.	9000W-7	9000S-7	9000W	9000S
1/25	134.02-03	1	1	1	1
1/26	134.02-04	1	1	1	1
3/1	134.03-01	1	1		
3/2	134.03-02	1	1	1	1
3/3	134.03-02-01	(1)	(1)	(1)	(1)
3/7	134.03-03	2	2	2	2
3/8	134.03-04	1	1		
3/8	134.03-04-01	(1)	(1)		
3/8	134.03-04-02	(1)	(1)		
3/8	134.03-04-03	(1)	(1)		
3/9	134.03-09	1	1		
3/10	134.03-09-01	(1)	(1)		
3/11	134.03-09-02	(1)	(1)		
3/12	134.03-09-03	(1)	(1)		
3/13	134.03-09-04	(1)	(1)		
3/14	134.03-09-05	(2)	(2)		
3/15	134.03-09-06	(1)	(1)		
3/16	134.03-09-07	(1)	(1)		
3/18	134.03-18	1	1	1	1
3/19	134.03-19	1	1	1	1
3/63	134.03-19			1	1
3/22	134.03-22	1	1	1	1
3/23	134.03-23	1	1	1	1
3/25	134.03-25	1	1	1	1
3/26	134.03-26	1	1	1	1
3/33	134.03-33	1	1	1	1
3/37	134.03-37	1	1	1	1
3/38	134.03-37-01	(1)	(1)	(1)	(1)
3/39	134.03-37-02	(1)	(1)	(1)	(1)
3/40	134.03-37-03	(1)	(1)	(1)	(1)
3/41	134.03-37-04	(1)	(1)	(1)	(1)
3/42	134.03-37-05	(1)	(1)	(1)	(1)
3/43	134.03-37-06	(1)	(1)	(1)	(1)
3/44	134.03-37-07	(1)	(1)	(1)	(1)
3/45	134.03-37-08	(2)	(2)	(2)	(2)
3/46	134.03-37-09	(1)	(1)	(1)	(1)
3/47	134.03-38	1	1	1	1
3/48	134.03-39	1	1	1	1
3/49	134.03-40	2	2	2	2
3/50	134.03-41	2	2	2	2
3/51	134.03-43	1	1		
13/16	134.03-50	1	1		
3/57	134.03-51	1	1	1	1
4/1	134.04-01	1	1	1	1

部件/序号	图号	数量 (AMT)			
NO.	REF NO.	9000W-7	9000S-7	9000W	9000S
4/2	134.04-02	1	1	1	1
4/3	134.04-03	1	1	1	1
4/4	134.04-04	1	1	1	1
4/5	134.04-04-01	(1)	(1)	(1)	(1)
4/6	134.04-04-02	(1)	(1)	(1)	(1)
4/6	134.04-04-02-01	[1]	[1]	[1]	[1]
4/6	134.04-04-02-02	[1]	[1]	[1]	[1]
4/7	134.04-04-03	(1)	(1)	(1)	(1)
4/8	134.04-04-04	(1)	(1)	(1)	(1)
4/12	134.04-12	1	1	1	1
4/13	134.04-13	1	1	1	1
4/14	134.04-14	1	1	1	1
4/15	134.04-15	1	1	1	1
4/16	134.04-16	1	1	1	1
4/18	134.04-18	1	1	1	1
4/30	134.04-30	1	1	1	1
12/17	134.04-30	2	2	2	2
4/36	134.04-36	1	1		
4/36	134.04-36-01	(1)	(1)		
4/36	134.04-36-02	(1)	(1)		
4/36	134.04-36-03	(1)	(1)		
4/38	134.04-38	1	1		
4/42	134.04-42	2	2		
5/1	134.05-01	1	1	1	1
5/2	134.05-01-01	(1)	(1)	(1)	(1)
5/3	134.05-01-02	(1)	(1)	(1)	(1)
5/4	134.05-01-03	(1)	(1)	(1)	(1)
5/53	134.05-02	1	1	1	1
5/5	134.05-03	1	1	1	1
5/6	134.05-04	1	1	1	1
5/7	134.05-04-01	(1)	(1)	(1)	(1)
5/8	134.05-04-02	(1)	(1)	(1)	(1)
5/10	134.05-06	1	1	1	1
5/12	134.05-08	1	1	1	1
5/13	134.05-08-01	(1)	(1)	(1)	(1)
5/15	134.05-11	1	1	1	1
5/16	134.05-12	1	1	1	1
5/17	134.05-13	1	1	1	1
5/18	134.05-13-01	(1)	(1)	(1)	(1)
5/20	134.05-16	1	1	1	1
5/21	134.05-17	1	1	1	1
5/22	134.05-18	1	1	1	1
5/23	134.05-19	1	1	1	1
5/24	134.05-20	1	1	1	1

部件/序号	图号	数量 (AMT)			
		9000W-7	9000S-7	9000W	9000S
5/25	134.05-21	1	1	1	1
5/26	134.05-22	1	1	1	1
5/27	134.05-23	1	1	1	1
5/28	134.05-24	1	1	1	1
5/29	134.05-24-01	(1)	(1)	(1)	(1)
5/30	134.05-24-02	(1)	(1)	(1)	(1)
5/32	134.05-26	1	1	1	1
5/33	134.05-27	1	1	1	1
5/34	134.05-28	1	1	1	1
5/35	423.09-26	1	1	1	1
5/40	134.05-34	1	1	1	1
5/41	134.05-34-01	(1)	(1)	(1)	(1)
5/54	134.05-48	1	1	1	1
6/1	134.06-01	1	1	1	1
6/2	134.06-01-01	(1)	(1)	(1)	(1)
6/4	134.06-04	1	1	1	1
6/5	134.06-05	1	1	1	1
6/7	134.06-07	2	2	2	2
6/8	134.06-08	1	1	1	1
6/9	134.06-08-01	(1)	(1)	(1)	(1)
6/11	134.06-11	1	1	1	1
6/12	134.06-12	1	1	1	1
6/13	134.06-13	1	1	1	1
6/14	134.06-13-01	(1)	(1)	(1)	(1)
6/17	134.06-17	1	1	1	1
6/18	134.06-18	1	1	1	1
6/19	134.06-19	1	1	1	1
6/20	134.06-20	1	1	1	1
6/25	134.06-25	1	1	1	1
6/28	134.06-28	1	1	1	1
6/37	134.06-37	1	1	1	1
6/38	134.06-37-01	(1)	(1)	(1)	(1)
6/40	134.06-40	2	2	2	2
6/41	134.06-41	1	1	1	1
6/42	134.06-42	1	1	1	1
6/43	134.06-43	1	1	1	1
6/44	134.06-44	1	1	1	1
6/45	134.06-45	1	1	1	1
6/48	134.06-48	1	1	1	1
6/51	134.06-51	1	1	1	1
6/52	134.06-52	1	1	1	1
6/56	134.06-56	1	1	1	1
6/57	134.06-57	1		1	
6/58	134.06-58	1		1	

部件/序号	图号	数量 (AMT)			
		9000W-7	9000S-7	9000W	9000S
6/59	134.06-59	1	1	1	1
6/60	134.06-60	1	1	1	1
6/61	134.06-61	1	1	1	1
6/62	134.06-62	1	1	1	1
6/64	134.06-67	1	1	1	1
6/66	134.06-69	1		1	
6/68	134.06-73	2		2	
7/1	134.07-01	1	1		
7/2	134.07-01-01	(1)	(1)		
7/3	134.07-01-02	(1)	(1)		
7/4	134.07-01-03	(1)	(1)		
7/5	134.07-01-04	(1)	(1)		
7/6	134.07-01-05	(1)	(1)		
7/7	134.07-01-06	(1)	(1)		
7/8	134.07-01-07	(1)	(1)		
7/11	134.07-02	1	1		
7/12	134.07-02-01	(1)	(1)		
7/13	134.07-02-02	(1)	(1)		
7/14	134.07-02-03	(1)	(1)		
7/14	134.07-02-03-01	[1]	[1]		
7/14	134.07-02-03-02	[1]	[1]		
7/14	134.07-02-03-03	[1]	[1]		
7/15	134.07-02-04	(1)	(1)		
7/15	134.07-02-04-01	[1]	[1]		
7/15	134.07-02-04-02	[1]	[1]		
7/15	134.07-02-04-03	[1]	[1]		
7/16	134.07-02-05	(1)	(1)		
7/17	134.07-02-06	(1)	(1)		
7/18	134.07-02-07	(1)	(1)		
7/19	134.07-02-08	(1)	(1)		
7/20	134.07-02-09	(1)	(1)		
7/21	134.07-02-10	(1)	(1)		
7/22	134.07-02-11	(1)	(1)		
7/23	134.07-02-12	(1)	(1)		
7/24	134.07-02-13	(1)	(1)		
7/32	134.07-03	1	1		
7/33	134.07-04	1	1		
7/34	134.07-05	1	1		
7/35	134.07-05-01	(1)	(1)		
7/36	134.07-05-02	(1)	(1)		
7/38	134.07-06	1	1		
7/39	134.07-06-01	(1)	(1)		
7/40	134.07-06-02	(1)	(1)		
7/41	134.07-06-03	(1)	(1)		

部件/序号	图号	数量 (AMT)			
		9000W-7	9000S-7	9000W	9000S
NO.	REF NO.				
7/42	134.07-06-04	(2)	(2)		
7/47	134.07-07	1	1		
7/48	134.07-07-01	(1)	(1)		
7/52	134.07-10	1	1		
7/54	134.07-12	2	2		
7/55	134.07-13	1	1		
7/56	134.07-14	1	1		
7/57	134.07-15	1	1		
7/61	134.07-19	1	1		
7/62	134.07-20	1	1		
8/1	134.08-01	1	1	1	1
8/2	134.08-02	1	1	1	1
8/4	134.08-04	1	1	1	1
8/5	134.08-05	1	1	1	1
8/6	134.08-06	1	1	1	1
9/1	134.09-01	1	1		
9/2	134.09-01-01	(1)	(1)		
9/3	134.09-01-02	(1)	(1)		
9/4	134.09-01-03	(1)	(1)		
9/5	134.09-01-04	(1)	(1)		
9/6	134.09-01-05	(2)	(2)		
9/9	134.09-01-08	(1)	(1)		
9/10	134.09-02	1	1		
9/11	134.09-03	1	1		
9/12	134.09-03-01	(1)	(1)		
9/13	134.09-03-02	(1)	(1)		
9/14	134.09-03-03	(1)	(1)		
9/15	134.09-03-04	(1)	(1)		
9/16	134.09-03-05	(1)	(1)		
9/17	134.09-03-06	(1)	(1)		
9/18	134.09-03-07	(1)	(1)		
9/20	134.09-03-09	(1)	(1)		
9/21	134.09-04	1	1		
9/22	134.09-05	1	1		
10/1	134.10-01	1	1		
10/2	134.10-01-01	(1)	(1)		
10/2	134.10-01-01-01	[1]	[1]		
10/2	134.10-01-01-02	[1]	[1]		
10/3	134.10-01-02	(1)	(1)		
10/4	134.10-01-03	(1)	(1)		
10/4	134.10-01-03-01	[1]	[1]		
10/4	134.10-01-03-02	[1]	[1]		
10/4	134.10-01-03-03	[1]	[1]		
10/5	134.10-01-04	(1)	(1)		

部件/序号	图号	数量 (AMT)			
		9000W-7	9000S-7	9000W	9000S
NO.	REF NO.				
10/6	134.10-01-05	(1)	(1)		
10/7	134.10-01-06	(1)	(1)		
10/8	134.10-01-07	(1)	(1)		
10/9	134.10-01-08	(1)	(1)		
10/10	134.10-01-09	(1)	(1)		
10/11	134.10-01-10	(1)	(1)		
10/12	134.10-01-11	(1)	(1)		
10/13	134.10-01-12	(1)	(1)		
10/14	134.10-01-13	(1)	(1)		
10/15	134.10-01-14	(1)	(1)		
10/16	134.10-01-15	(1)	(1)		
10/17	134.10-01-16	(1)	(1)		
10/18	134.10-01-17	(2)	(2)		
10/19	134.10-01-18	0.04	0.04		
10/20	134.10-01-19	1.33	1.33		
10/25	134.10-01-24	(1)	(1)		
10/29	134.10-01-29	(1)	(1)		
12/1	134.12-02	1	1	1	1
12/2	134.12-03	1	1	1	1
12/3	134.12-03-01	(1)	(1)	(1)	(1)
12/6	134.12-07	1	1	1	1
12/7	134.12-08	1	1	1	1
12/8	134.12-09	1	1	1	1
12/9	134.12-10	1	1	1	1
12/10	134.12-11	1	1	1	1
13/5	134.13-07	1	1	1	1
13/5	134.13-07-01	1	1	1	1
13/5	134.13-07-02	1	1	1	1
13/26	134.13-19	1	1	1	1
13/27	134.13-20	1	1	1	1
13/28	134.13-21	1	1	1	1
13/29	134.13-22	1	1	1	1
13/30	134.13-23	1	1	1	1
13/31	134.13-24	1	1	1	1
13/31	134.13-24-01	(1)	(1)	(1)	(1)
13/31	134.13-24-03	(3)	(3)	(3)	(3)
13/31	134.13-24-04	(1)	(1)	(1)	(1)
13/31	134.13-24-05	(1)	(1)	(1)	(1)
13/31	134.13-24-06	(1)	(1)	(1)	(1)
1/72	192.01-41			1	1
1/22	192.01-43			1	1
1/74	192.01-77			1	
3/1	192.03-01			1	1
3/29	192.03-43			1	1

部件/序号	图号	数量 (AMT)			
NO.	REF NO.	9000W-7	9000S-7	9000W	9000S
4/36	192.04-29			1	1
13/17	192.10-20			1	1
13/18	192.10-20-01			(1)	(1)
13/19	192.10-20-02			(1)	(1)
13/20	192.10-20-03			(1)	(1)
13/21	192.10-20-04			(5)	(5)
13/25	192.10-20-08			(2)	(2)
13/14	279.11-18	1	1	1	1
11/8	279.12-00-01	(1)	(1)	(1)	(1)
11/10	279.12-00-02	(1)	(1)	(1)	(1)
11/7	279.12-00-03	(2)	(2)	(2)	(2)
11/6	279.12-00-04	(2)	(2)	(2)	(2)
11/15	279.12-00-07	(2)	(2)	(2)	(2)
11/9	279.12-00-08	(2)	(2)	(2)	(2)
11/13	279.12-00-14	(2)	(2)	(2)	(2)
11/11	279.12-00-15	(1)	(1)	(1)	(1)
11/12	279.12-00-16	(2)	(2)	(2)	(2)
11/14	279.12-00-19	(1)	(1)	(1)	(1)
11/18	279.12-00-20	(2)	(2)	(2)	(2)
11/19	279.12-00-21	(2)	(2)	(2)	(2)
11/2	279.12-00-22	(2)	(2)	(2)	(2)
11/3	279.12-00-23	(2)	(2)	(2)	(2)
11/4	279.12-00-24	(2)	(2)	(2)	(2)
11/5	279.12-00-25	(2)	(2)	(2)	(2)
11/16	279.12-00-26	(2)	(2)	(2)	(2)
11/17	279.12-00-27	(2)	(2)	(2)	(2)
3/61	301.05-10			1	1
8/15	423.12-36		2		2
1/35	501.01-45	2	2	2	2
6/34	11-00090620-01	1	1	1	1
8/7	11-00110520-01	4	4	4	4
1/31	11-00110620-01	2	2	2	2
3/55	11-00110620-01	2	2	2	2
6/30	11-00110620-01	4		4	
5/9	11-00161120-01	(1)	(1)	(1)	(1)
7/9	11-20060320-02	(1)	(1)		
1/24	11-20110820-02	2	2	2	2
4/25	11-30091020-01	1	1	1	1
1/17	11-40090625-01	(1)	(1)	(1)	(1)
10/28	11-40090625-01	(1)	(1)		
1/11	11-40110825-01	1	1		
4/46	11-40110825-01	2	2		
7/29	11-40110825-01	(2)	(2)		
7/64	11-40110825-01	1	1		

部件/序号	图号	数量 (AMT)			
NO.	REF NO.	9000W-7	9000S-7	9000W	9000S
1/58	11-40120625-01	1	1	1	1
1/26	11-40120925-01	8	8	8	8
1/27	11-40120925-01	3	3	3	3
1/28	11-40120925-01	1	1	1	1
4/31	11-40120925-01	1	1	1	1
4/43	11-40120925-01	2	2		
7/63	11-40120925-01	1	1		
8/3	11-40120925-01	10	10	10	10
8/24	11-40120925-01		2		2
9/23	11-40120925-01	1	1		
10/30	11-40120925-01	2	2		
1/29	11-40150925-01	2	2	2	2
1/30	11-40150925-01	2	2	2	2
1/27	11-40150925-01	1	1	1	1
7/59	11-40150925-01	2	2		
7/60	11-40150925-01	2	2		
9/24	11-40150925-01	2	2		
13/22	11-40622025-01			(5)	(5)
1/17	11-60060220-01	(2)	(2)	(2)	(2)
3/36	11-60080520-01	1	1	1	1
6/32	11-60080620-01	2	2	2	2
7/10	11-60080620-01	(2)	(2)		
1/28	11-60090620-01	2	2	2	2
3/31	11-60090620-01	(1)	(1)	(1)	(1)
5/48	11-60090620-01	2	2	2	2
6/33	11-60090620-01	1	1	1	1
6/35	11-60090620-01	2	2	2	2
6/54	11-60090620-01	2	2	2	2
7/37	11-60090620-01	(2)	(2)		
7/51	11-60090620-01	2	2		
8/37	11-60090620-01		1		1
4/32	11-60090920-01	1	1	1	1
4/33	11-60091120-01	1	1	1	1
1/18	11-60091320-01	(1)	(1)	(1)	(1)
6/36	11-60110720-01	1	1	1	1
6/55	11-60110720-01	1	1	1	1
7/49	11-60110720-01	(1)	(1)		
9/8	11-60110720-01	(4)	(4)		
9/19	11-60110720-01	(1)	(1)		
3/58	11-60110820-01	2	2	2	2
6/65	11-60111020-01	1	1	1	1
7/58	11-60111020-01	2	2		
4/35	11-60111820-01	1	1	1	1
5/19	11-60121420-01	(1)	(1)	(1)	(1)

部件/序号	图号	数量 (AMT)			
		9000W-7	9000S-7	9000W	9000S
5/31	11-60121420-01	1	1	1	1
6/10	11-60121420-01	(1)	(1)	(1)	(1)
6/15	11-60121420-01	(1)	(1)	(1)	(1)
5/49	11-60121820-01	1	1	1	1
3/4	11-60181630-01	(1)	(1)	(1)	(1)
7/30	11-70090720-01	(1)	(1)		
1/59	11-70110620-02	1	1	1	1
1/60	11-70110620-02	1	1	1	1
7/53	11-70110820-01	1	1		
1/29	11-70121020-02	3	3	3	3
5/50	11-70121820-01	1	1	1	1
8/25	11-70200720-01		1		1
1/49	11-80090610-01	(1)	(1)	(1)	(1)
3/35	11-80110612-01	2	2	2	2
1/61	11-80150710-01	1	1	1	1
5/47	11-80150810-01	2	2	2	2
3/56	11-80151150-01	1	1	1	1
5/51	11-80151150-01	2	2	2	2
6/3	11-80151150-01	(2)	(2)	(2)	(2)
6/39	11-80151150-01	(2)	(2)	(2)	(2)
3/60	11-80151550-01			2	2
3/6	11-80160610-01	(2)	(2)	(2)	(2)
5/14	11-80160610-01	(2)	(2)	(2)	(2)
5/42	11-80160610-01	(2)	(2)	(2)	(2)
6/24	11-80160610-01	2	2	2	2
6/49	11-80160810-01	2	2	2	2
6/50	11-80160810-01	2	2	2	2
6/53	11-80160810-01	2	2	2	2
3/5	11-80181650-01	(1)	(1)	(1)	(1)
4/48	11-90154320-01	1	1	1	1
1/71	12-40201221-02	(2)	(2)		
10/26	12-60300621-02	(1)	(1)		
10/27	12-60300621-02	(3)	(3)		
4/9	12-60400622-01	(1)	(1)	(1)	(1)
3/17	12-80500612-01	(2)	(2)		
3/20	12-80600812-01	4	4		
3/21	12-80600812-01	8	8		
3/24	12-80600812-01	2	2	2	2
6/26	12-80600812-01	2	2	2	2
12/5	12-80603012-02	(2)	(2)	(2)	(2)
3/62	12-85600512-01			2	2
12/26	12-90151520-01	(1)	(1)	(1)	(1)
12/18	12-90601833-02	1	1	1	1
12/19	12-90601833-02	1	1	1	1

部件/序号	图号	数量 (AMT)			
		9000W-7	9000S-7	9000W	9000S
12/13	12-90602423-02	(2)	(2)	(2)	(2)
1/76	12-91203023-01	3	3	3	3
10/21	13-60093020-01	(1)	(1)		
5/43	13-60113020-01	1	1	1	1
9/26	13-60113020-01	2	2		
10/22	13-60113020-01	(1)	(1)		
1/24	13-60115520-02	(1)	(1)	(1)	(1)
4/47	13-60153020-01	1	1	1	1
5/44	13-60153020-01	1	1	1	1
7/25	13-60153020-01	(1)	(1)		
8/39	13-60153020-01		1		1
12/14	13-60153020-01	2	2	2	2
7/26	13-60158020-01	(1)	(1)		
7/44	13-60164020-01	(1)	(1)		
7/45	13-60164020-01	(1)	(1)		
4/44	13-60624020-02	2	2		
7/43	14-60403020-02	(2)	(2)		
12/4	14-60605020-02	(2)	(2)	(2)	(2)
4/26	21-03810080-01	1	1	1	1
13/24	21-04212090-02			(2)	(2)
13/23	21-04608110-01			(5)	(5)
6/16	21-04808080-01	(1)	(1)	(1)	(1)
8/26	21-05010110-01		2		2
4/34	21-05310100-01	1	1	1	1
9/25	21-05310100-01	1	1		
4/49	21-06410131-01	1	1	1	1
7/31	21-06410131-01	(1)	(1)		
1/77	21-12015242-01	3	3	3	3
7/46	22-04000000-08	(2)	(2)		
10/23	24-02500000-08	(1)	(1)		
4/51	24-04000000-00	1	1	1	1
7/27	24-04000000-08	(2)	(2)		
1/14	24-05000000-08	(1)	(1)	(1)	(1)
1/15	24-05000000-08	(1)	(1)	(1)	(1)
4/10	24-05000000-08	(1)	(1)	(1)	(1)
4/11	24-05000000-08	(1)	(1)	(1)	(1)
4/28	24-05000000-08	3	3	3	3
4/45	24-05000000-08	2	2	2	2
5/45	24-05000000-08	2	2	2	2
10/24	24-05000000-08	(1)	(1)		
7/28	24-06000000-08	(2)	(2)		
12/15	24-10000000-09	2	2	2	2
12/16	24-10000000-09	1	1	1	1
9/7	24-12000000-08	(1)	(1)		

部件/序号	图号	数量 (AMT)			
NO.	REF NO.	9000W-7	9000S-7	9000W	9000S
6/31	25-15000000-08	1	1	1	1
4/29	31-04020000-09	1	1	1	1
1/7	31-04210000-09	[1]	[1]	[1]	[1]
8/34	31-04518000-09		1		1
8/22	31-06224000-09		1		1
8/32	31-07020000-09		1		1
1/13	31-09018000-09	1	1	1	1
1/16	31-09428000-09	(1)	(1)	(1)	(1)
5/46	31-09428000-09	1	1	1	1
8/23	31-20024000-09		1		1
1/4	31-25070000-09	(1)	(1)	(1)	(1)
6/67	32-07370180-09	1	1	1	1
6/22	32-07370220-09		2		2
5/11	32-09470190-09	1	1	1	1
6/47	32-11550420-09	1	1	1	1
6/46	32-11570370-09	1	1	1	1
6/21	32-14170220-09	1	1	1	1

部件/序号	图号	数量 (AMT)			
NO.	REF NO.	9000W-7	9000S-7	9000W	9000S
5/52	42-05003000-00	0.09	0.09	0.09	0.09
8/17	42-05003000-00		0.12		0.12
8/18	42-05003000-00		0.035		0.035
8/19	42-05003000-00		0.06		0.06
8/20	42-05003000-00		0.9		0.9
8/16	42-09007000-00		0.25		0.25
8/21	42-09007000-00		0.23		0.23
8/36	43-1030000-00		0.5		0.5
1/20	44-00000001-00	1	1	1	1
1/80	44-00000002-00	1	1		
1/81	44-00000003-00			1	1
1/81	44-00000003-00	1	1		
1/79	44-00000004-00	1	1	1	1
13/32	44-00000011-00	1	1	1	1
1/78	44-30602500-00	2	2	2	2