

LM-G2-45(76-SPL)
LM2010-A-45/76

零件手册
PARTS BOOK

大面积全自动模板打印机
LARGE SPACE AUTOMATIC TEMPLATE
SEWING MACHINE



www.sewtec.com.cn

台州莱蒙缝纫设备有限公司
TAIZHOU SEWTEC SEWING MACHINE CO., LTD

LM2010-A-76 全自动模版机亮点:

6S 达标!

Speed fast

高: 转速普通线高达2500转, 丝光线达到2000转, 机针7-14#

Space widely

大: 缝制范围X向1200MM以上, Y向680MM

Sound low

轻: 声音在78分贝以内

Stitch beautiful

稳: 线迹稳定适合羽绒服·棉服·西服·女装等各种服装的高品质缝制

Structure reasonable

易: 结构合理

Service quick

快: 服务快速

技术参数:

缝制面积: 680*1200mm 针 距: 0.01mm至任意长

最高缝纫速度: 2000rpm(针距2.5mm时) 可同时识别模板个数: 16

缝 针: DB*1#9(#7-#14) 程序输入装置: 电脑USB数据线或U盘

程序记忆载体: EPROM内存 记忆程序数量: 最多999种

缝纫机马达: 600W直接驱动伺服马达

电源规格: 220V 800W 使用空气规格: 0.25-0.4Mpa(最大)

体积: 2000x1200x1000mm

重量: 500KGS



1、独特的显示屏设计, 美观实用; 目前软件支持AUTOCAD,CORELDRAW等软件及其他服装软件生成的PLT/DXF/DST/AI 等格式
Support Autocad\Coreldraw Etc Software And Other Garments Software For Plt/dxf/dst/ai File.

2、断线停针功能
Stop Stitching While Break Thread

3、伺服马达, 低能耗
Servo Motor, Low Power Consumption

4、调节旋钮可以轻松调节机针高度
Wheel Can Adjust The Needle Height

5、自动模板识别
Auto Read The Pattern

6、日本轴承, 经久耐用
Japanese Hook

7、点号笔功能
Auto Mark

8、纳米处理针杆
Special Needle Bar

9、中压脚自动提升功能
Quilt Foot Lifter

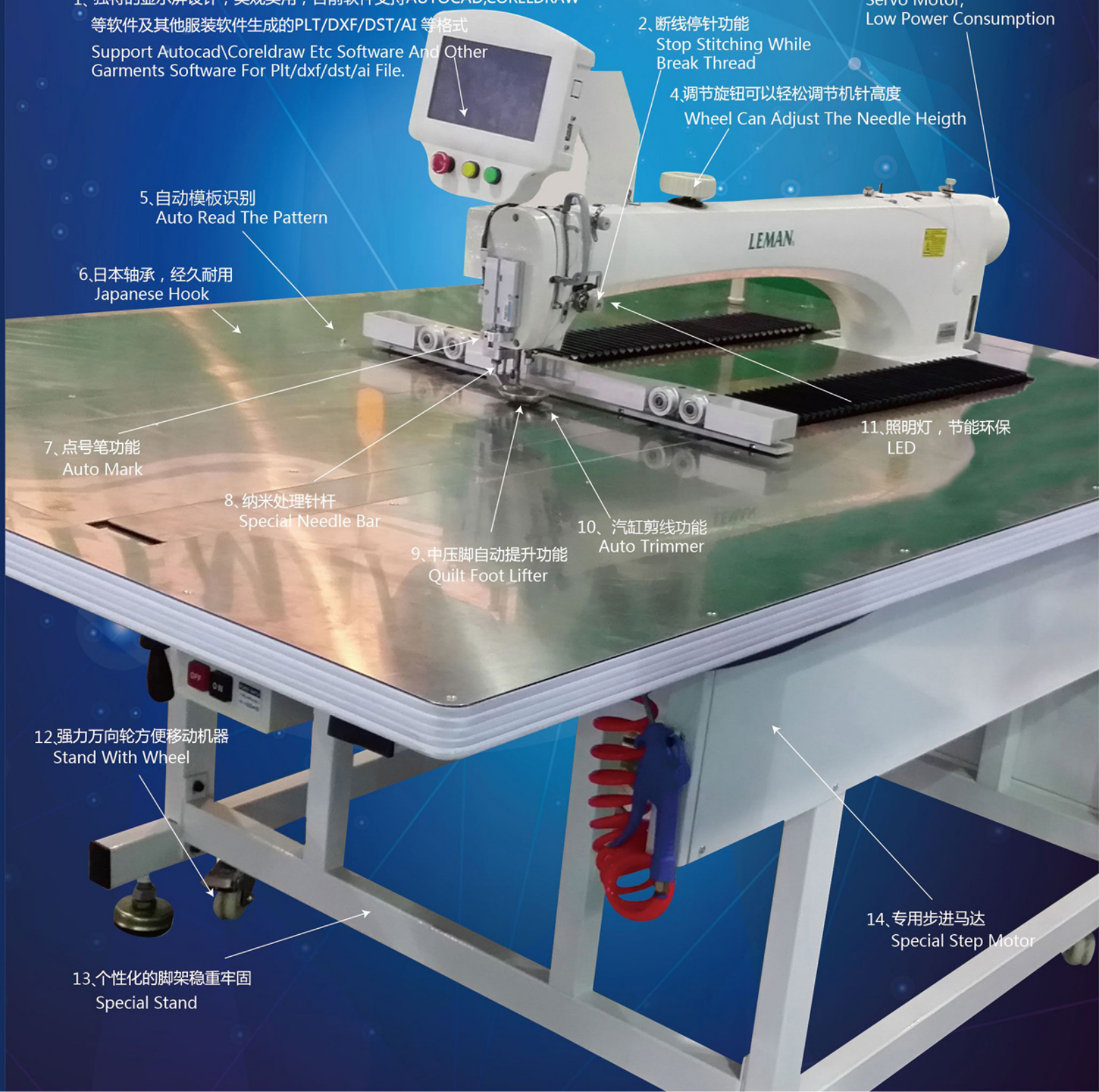
10、汽缸剪线功能
Auto Trimmer

11、照明灯, 节能环保
LED

12、强力万向轮方便移动机器
Stand With Wheel

13、个性化的脚架稳重牢固
Special Stand

14、专用步进马达
Special Step Motor



请认真阅读以下说明：

- 1、机器转速请控制在2,800转以内。
- 2、请勿改变电控参数。
- 3、请勿改变或调整机器各部分结构。
- 4、每月请检查油盘油量。
- 5、感谢您使用莱蒙缝纫机，并祝工作顺利。

重要安全事项

为使您正确使用我们的产品，须对产品的各种功能充分了解，以便安全操作。使用前请仔细阅读使用说明书。我们希望您能长期愉快地使用我们的产品，请保存好说明书，以备查阅。

- 1、使用此缝纫机时，必须遵守包括如下项目的基本安全措施。
- 2、使用此缝纫机之前，请阅读本使用说明书在内的所有指示文件。
同时应将此使用说明书妥善保管，以便能够随时查阅。
- 3、此缝纫机应与贵国的有关安全规定一起使用。
- 4、使用此缝纫机和缝纫机动作中，所有的安全装置应安装到规定的位置。
没有安装规定的安全装置的缝纫机禁止使用。
- 5、此缝纫机应由接受过培训的操作人员来操作。
- 6、使用缝纫机时，建议戴安全防护眼镜。
- 7、发生下列情况时，应立即关掉电源开关，或拔下电源线插头。
 - 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 修理时。
 - 7-4 工作场所无人了或离开工作场所时。
- 8、缝纫机以及附属装置使用的机油、润滑脂等液体流入眼睛或沾到皮肤上时，或被误饮时，应立即清洗有关部分并去医院治疗。

- 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进行。
- 11、一般的维修保养应由受过训练的人员来进行。
- 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、气缸等压缩空气的零件时，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时除外。
- 14、缝纫机在使用其间应定期进行清扫。

- 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的环境下使用。
- 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、缝纫机指定用途以外不能使用。
- 18、对缝纫机的改造、变更应符合安全规格，并采取有奖励的安全措施。
另外，对于有关改造和变更，公司概不负责。

- 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

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 so 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.
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 by 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. assumes no responsibility for damage 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

安全操作事项

 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，请不要在卸下电机罩、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、衣服靠近手轮、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附近。 4、为了防止人身事故的发生，缝纫机运转中请不要反手指放到挑线杆外罩内。 5、缝纫机操作中，旋梭高速地旋转。为了防止手受到伤害，运转中请绝对不要把手靠近旋梭。 6、为了防止人身事故的发生，放倒缝纫机或返回原来位置时，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，请一定关掉电源。 8、使用伺服电机时，缝纫机停止电机无声音。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、为了防止触电和损坏电气零件，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，站在飞轮侧看为逆时针方向。请注意不要让缝纫机反向转动。	

FOR SAFE OPERATION

 DANGER	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.
 CAUTION	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 hook 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 hook 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. 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 counterclockwise as observed from the handwheel side. Be careful not to rotate it in reverse direction.

1. 加润滑脂 / LIPIN

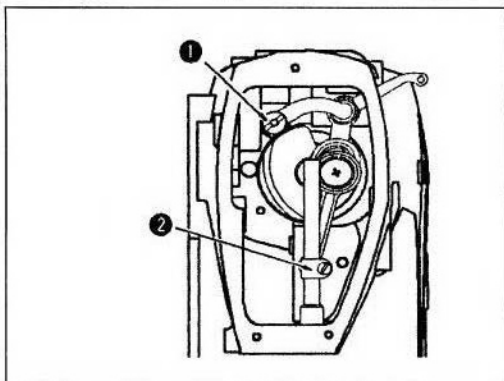
注意

为了防止意外的起动造成的事故，请关掉电源后进行。



WARNING:

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



1) 请先卸下挑线连杆销①上的小螺钉后，将润滑脂注满挑线连杆销①的小孔内。

2) 请先拆下针杆连接柱组件后卸下针杆连接柱②上的小螺钉，将润滑脂注满针杆连接柱②的小孔内。

- 1) Full pore of the thread take-up crank shaft① with lipin before disassembly small screw of the thread take - up crank shaft①.
- 2) Disassembly small screw before Disassembly the needle rod holder ASM, then full pore of the needle bar connection ASM ② with lipin.

2. 加油 / LUBRICATION

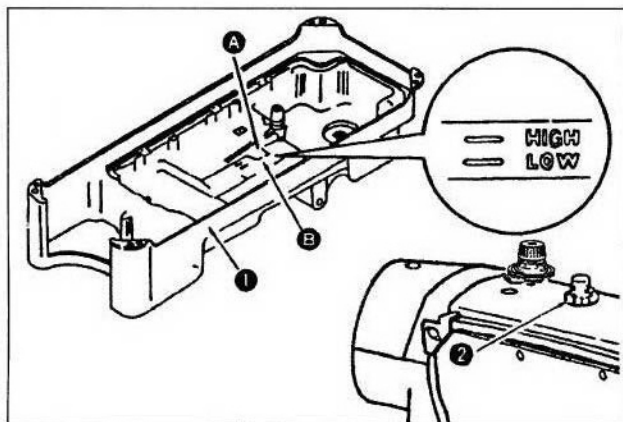
注意

为了防止意外的起动造成的事故，请关掉电源后进行。



WARNING:

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



运转缝纫机前

- 1) 请把机油倒进油槽①里，一直加到 HIGH 标记 A 的位置。
- 2) 油槽的油面降到 LOW 标记 B 以下时，请再次补充机油。
- 3) 加油后运转缝纫机，如果润滑正常时，可以通过油窗②看到油的流动。
- 4) 油流动量的多少，与油量的多少无关。



新缝纫机或较长时间没有使用的缝纫机在使用之前，应进行 10 分钟 2,300~2,800 rpm 的磨合运转。

Information on lubrication

- 1) Fill oil pan ① with Machine Oil up to HIGH mark A.
- 2) When the oil level lowers below LOW mark B, refill the oil pan with the specified oil.
- 3) When you operate the machine after lubrication, you will see splashing oil through oil sight window ② if the lubrication is adequate.
- 4) Note that the amount of the splashing oil is unrelated to the amount of the lubricating oil.



When you first operate your machine after setup or after an extended period of disuse, run your machine at 2,300 to 2,800 rpm. for about 10 minutes for the purpose of break-in.

3. 关于旋梭部油量（迹）调整方法 /

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

注意



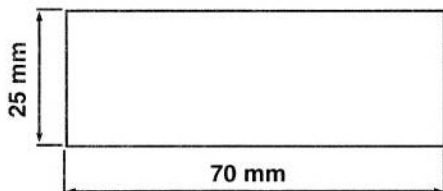
旋梭是以高速运转。为了防止人身事故，调整油量时，请加以充分的注意。

WARNING:

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

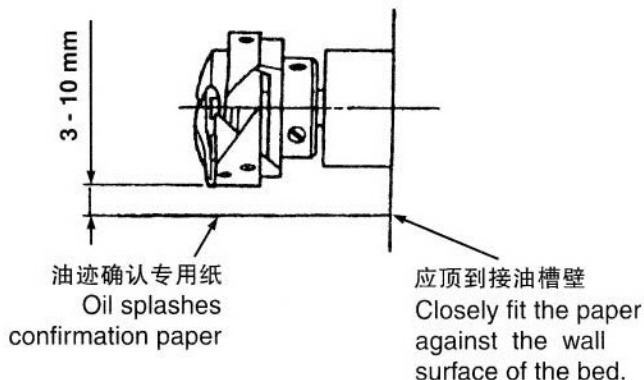
① 油量（迹）确认专用纸

Amount of oil (oil splashes) confirmation paper



② 油量（迹）确认位置

Position to confirm the amount of oil (oil splashes)



* 进行下列2)的作业时，请卸下滑板，同时要充分注意手指不要碰到旋梭。

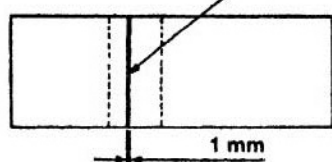
- 1) 冷机头时，请进行3分钟左右的空运转。（适当的断续运转）
- 2) 油量（迹）确认专用纸在缝纫机转动后的状态下插进去。
- 3) 请确认油量的油面高度应在HIGH和LOW的范围之内。
- 4) 确认油量（迹）所需要的时间为5秒钟。（应看着表）

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

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

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

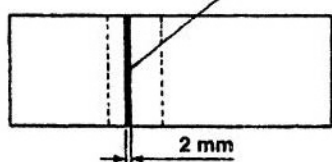
从旋梭飞溅出来的油 / Splashes of oil from the hook



油量适当（小）

Appropriate amount of oil (small)

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



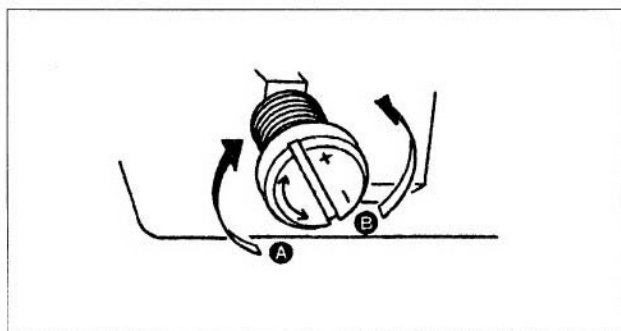
油量适当（大）

Appropriate amount of oil (large)

- 1) 左图标样根据缝制供需需要微调增减，但注意不要过大增加或减少。
(油量过少时，会烧坏旋梭（发热）。油量过多时，会脏污缝制品。)
- 2) 油量（油迹）应确认3次（3张）均无变化。

- 1) The amount of oil shown in the samples on the left should be finely adjusted in accordance with sewing processes. Be careful not to excessively increase/decrease the amount of oil in the hook. (If the amount of oil is too small, the hook will be seized (the hook will be hot). If the amount of oil is too much, the sewing product may be stained with oil.)
- 2) Adjust the amount of oil in the hook so that the oil amount (oil splashes) should not change while checking the oil amount three times (on the three sheets of paper)

• 旋梭油量（迹）调整 / Adjusting the amount of oil



- 1) 把下轴前端金属部件上的油量调节螺丝向“+”的方向（A方向）转动，油量（迹）变多，向“-”的方向（B方向）转动，油量（迹）变少。
 - 2) 油量调节螺丝调整后的油迹，应空运转30秒钟左右进行油量（迹）的确认。
- 1) Turning the oil amount adjustment screw attached on the hook driving shaft front bushing in the "+" direction (in direction A) will increase the amount of oil (oil spots) in the hook, or in the "-" direction (in direction B) will decrease it.
 - 2) After the amount of oil in the hook has been properly adjusted with the oil amount adjustment screw, make the sewing machine run idle for approximately 30 seconds to check the amount of oil in the hook.

4. 机针的安装 / ATTACHING THE NEEDLE

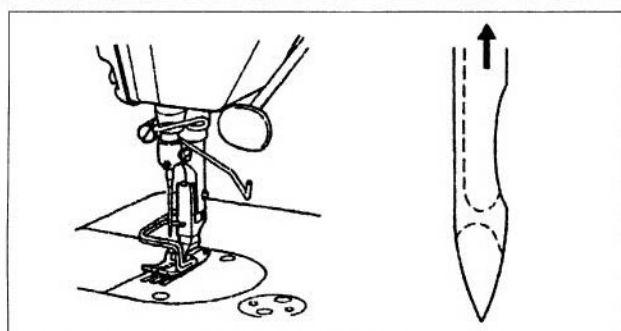
注意

为了防止意外的起动造成的事故，请关掉电源后进行。



WARNING:

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



5. 压脚杆高度的调整 / ADJUSTING THE HEIGHT OF THE PRESSER BAR

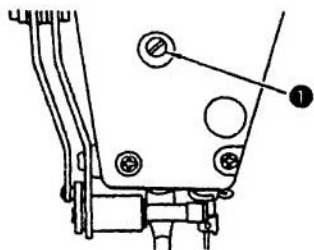
注意

为了防止意外的起动造成的事故，请关掉电源后进行。



WARNING:

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



1) 变更压脚杆的高度或压脚的角度时，请拧松压脚杆套管固定螺丝①进行调整。

2) 调整后，拧紧固定螺丝①。

1) Loosen setscrew ①, and adjust the presser bar height or the angle of the presser foot.

2) After adjustment, securely tighten the setscrew ①.

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

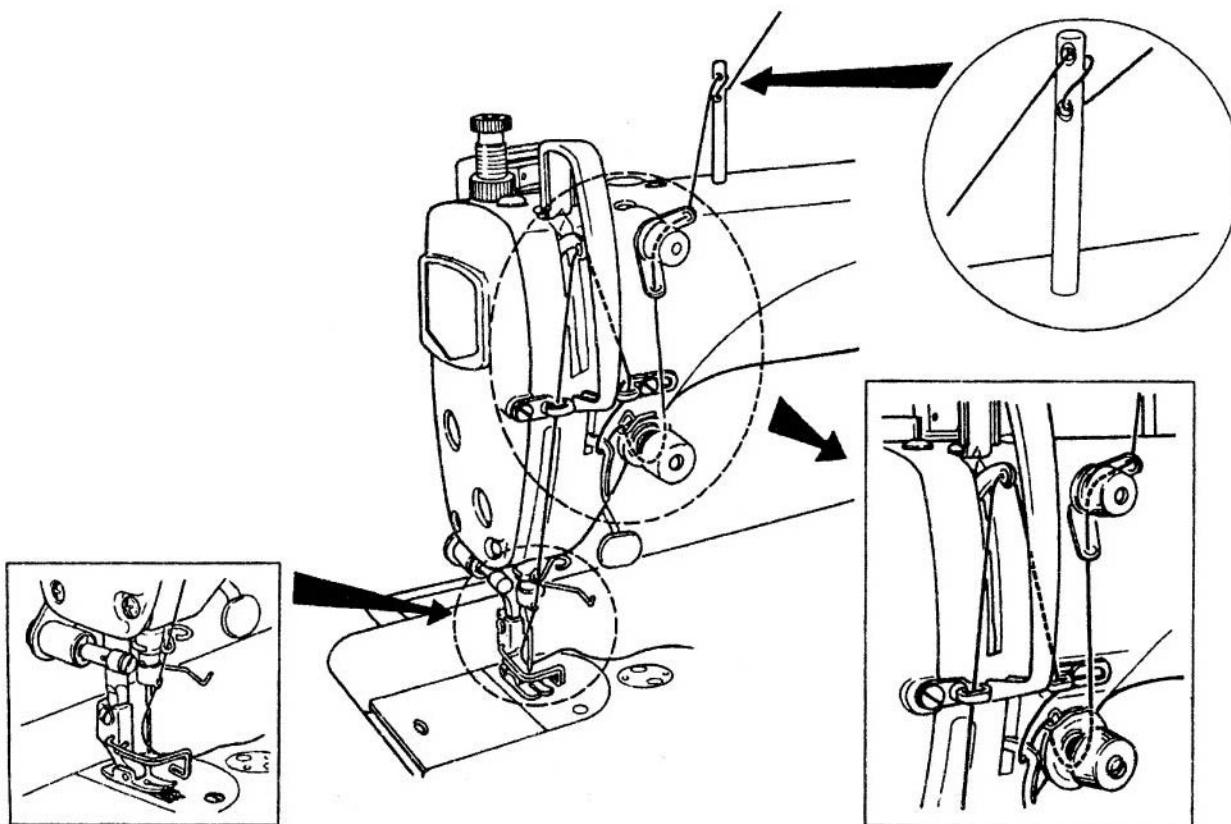
注意

为了防止意外的起动造成的事故，请关掉电源后进行。

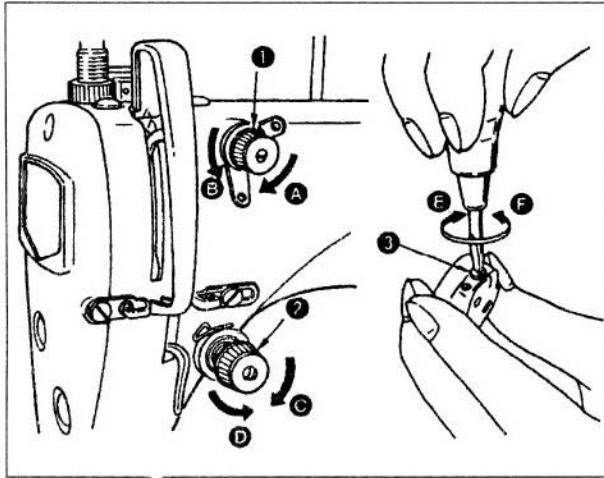


WARNING:

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



7. 线张力器 / THREAD TENSION



(1) 上线张力的调整

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

(2) 底线张力的调整

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

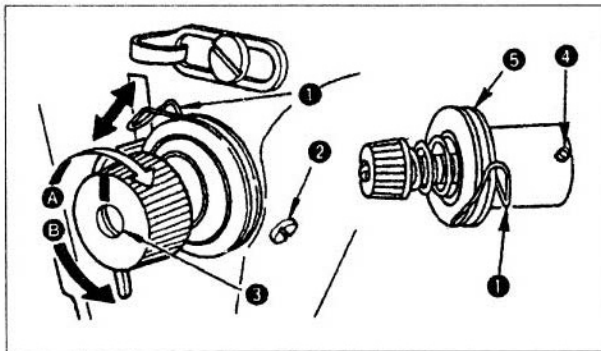
(1) Adjusting the needle thread tension

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

(2) Adjusting the bobbin thread tension

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

8. 挑线弹簧 / THREAD TAKE-UP SPRING



(1) 挑线弹簧 **1** 的行程量调整

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

(2) 挑线弹簧 **1** 的压力调整

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

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

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

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

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

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

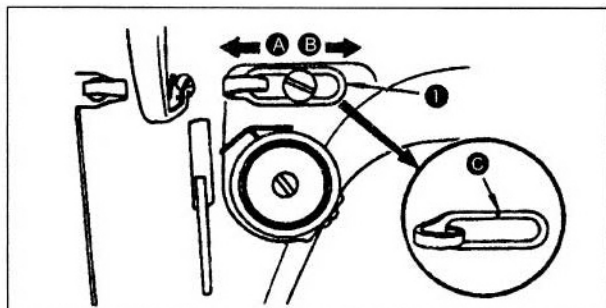
注意



为了防止意外的起动造成的事故，请关掉电源后进行。

WARNING:

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



- 1) 缝制厚料时，向左A的方向移动线导向器①，则挑线量变多。
- 2) 缝制薄料时，向右B的方向移动线导向器①，则挑线量变少。
- 3) 线导向器①在刻线C对准螺丝的中心时是标准位置。

- 1) When sewing heavy-weight materials, move thread guide ① to the left (in direction A) to increase the length of thread pulled out by the thread take-up.
- 2) When sewing light-weight materials, move thread guide ① to the right (in direction B) to decrease the length of thread pulled out by the thread take-up.
- 3) Normally, thread guide ① is positioned in a way that marker line C is aligned with the center of the screw.

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

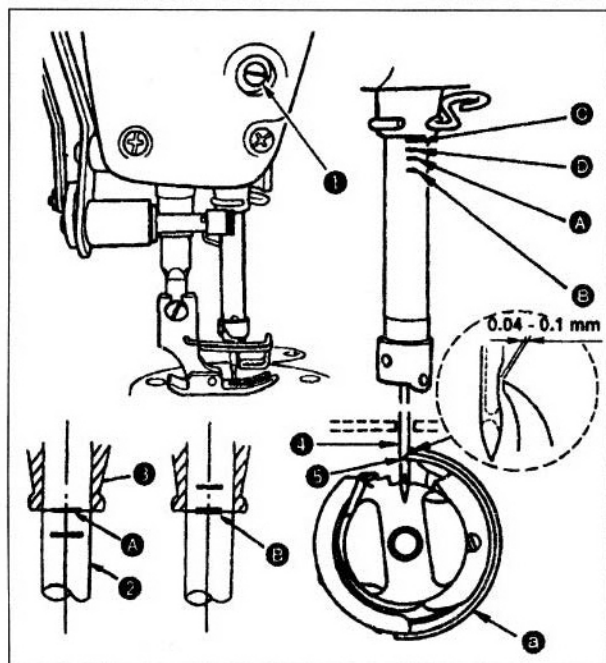
注意



为了防止突然启动造成人身事故，请关掉电源，确认马达确实停止转动后再进行。

WARNING:

To avoid possible personal injury due to abrupt start of the machine, turn off the power to the machine and check to be sure that the motor has totally stopped rotating in prior.



(1) 请按如下方法调整机针和旋梭。

- 1) 转动飞轮，让针杆降到最下点，然后拧松针杆套管固定螺丝①。

(决定针杆高度)

2) [DB针时]

把针杆②的刻线A对准针杆下套筒③的下端，然后拧紧针杆套管固定螺丝①。

[DA针时]

把针杆②的刻线C对准针杆下套筒③的下端，然后拧紧针杆套管固定螺丝①。

(决定旋梭a的安装位置)

3) [DB针时]

拧松3根旋梭固定螺丝，转动飞轮在针杆②上升的方向，把刻线B对准针杆下套筒③的下端。

[DA针时]

拧松3根旋梭固定螺丝，转动飞轮在针杆②上升的方向，把刻线D对准针杆下套筒③的下端。

- 4) 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

间隙过小的话，会损伤旋梭尖。间隙过大的话，会跳针。



调节了送布牙之后，送布齿的高度会有变化，请再次确认。

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



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

11. 送布相位的调节 / ADJUSTING THE FEED TIMING

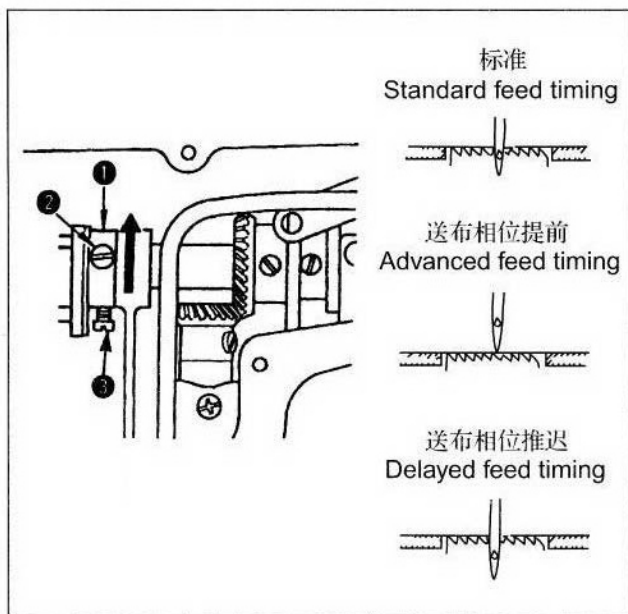


注意

为了防止突然启动造成人身事故，请关掉电源，确认马达确实停止转动后再进行。

WARNING:

To avoid possible personal injury due to abrupt start of the machine, turn off the power to the machine and check to be sure that the motor has totally stopped rotating in prior.



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



移动距离过大会发生断针故障。

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



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

零件手册

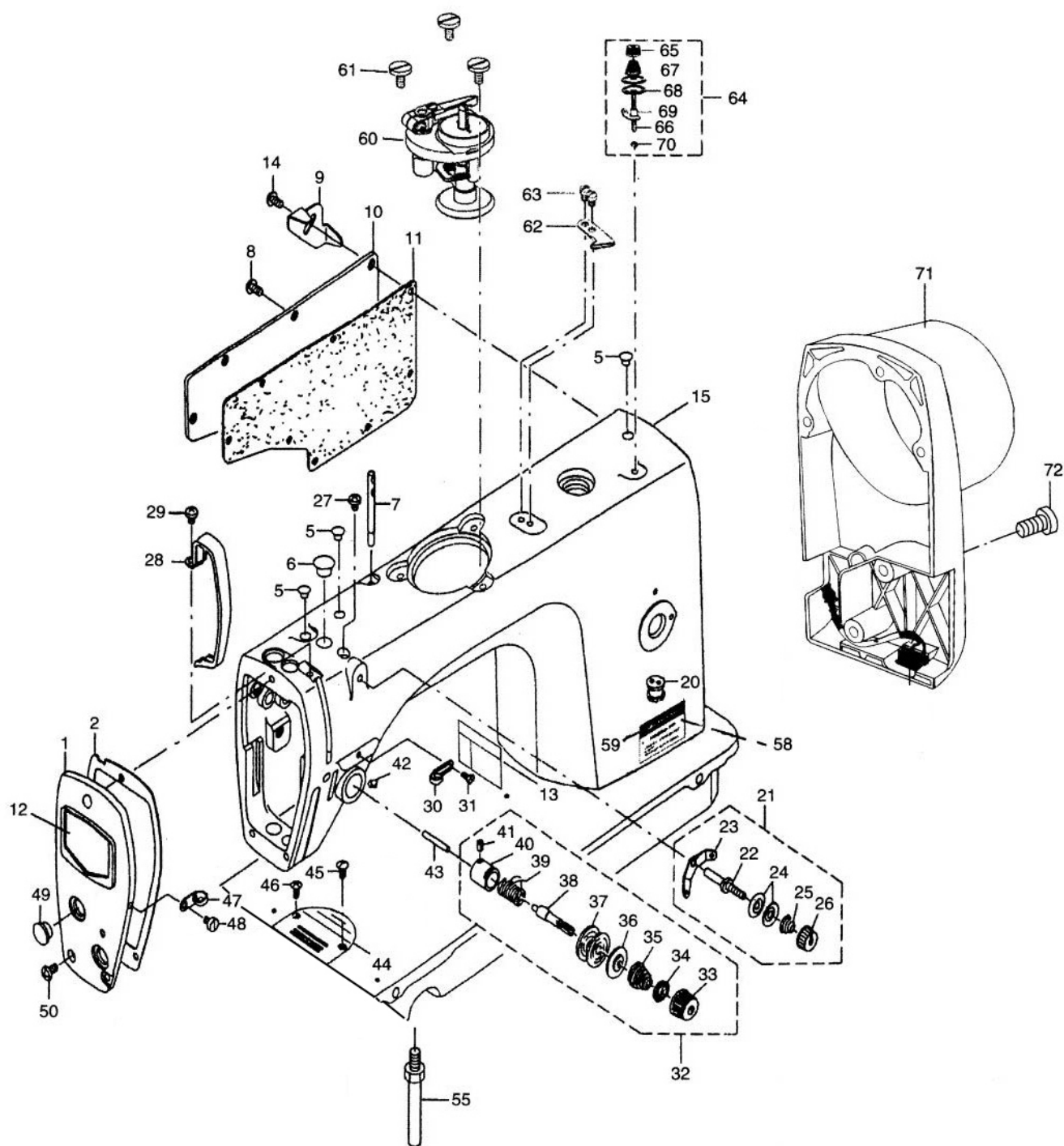
PARTS BOOK

选购零件部件时，请注明序号，件号。

**Please confirm the relative applications Ref. No,part No.
when buying the parts.**

1.机壳·外装部件

MACHINE FRAME&MISCELLANEOUS COVER COMPONENTS

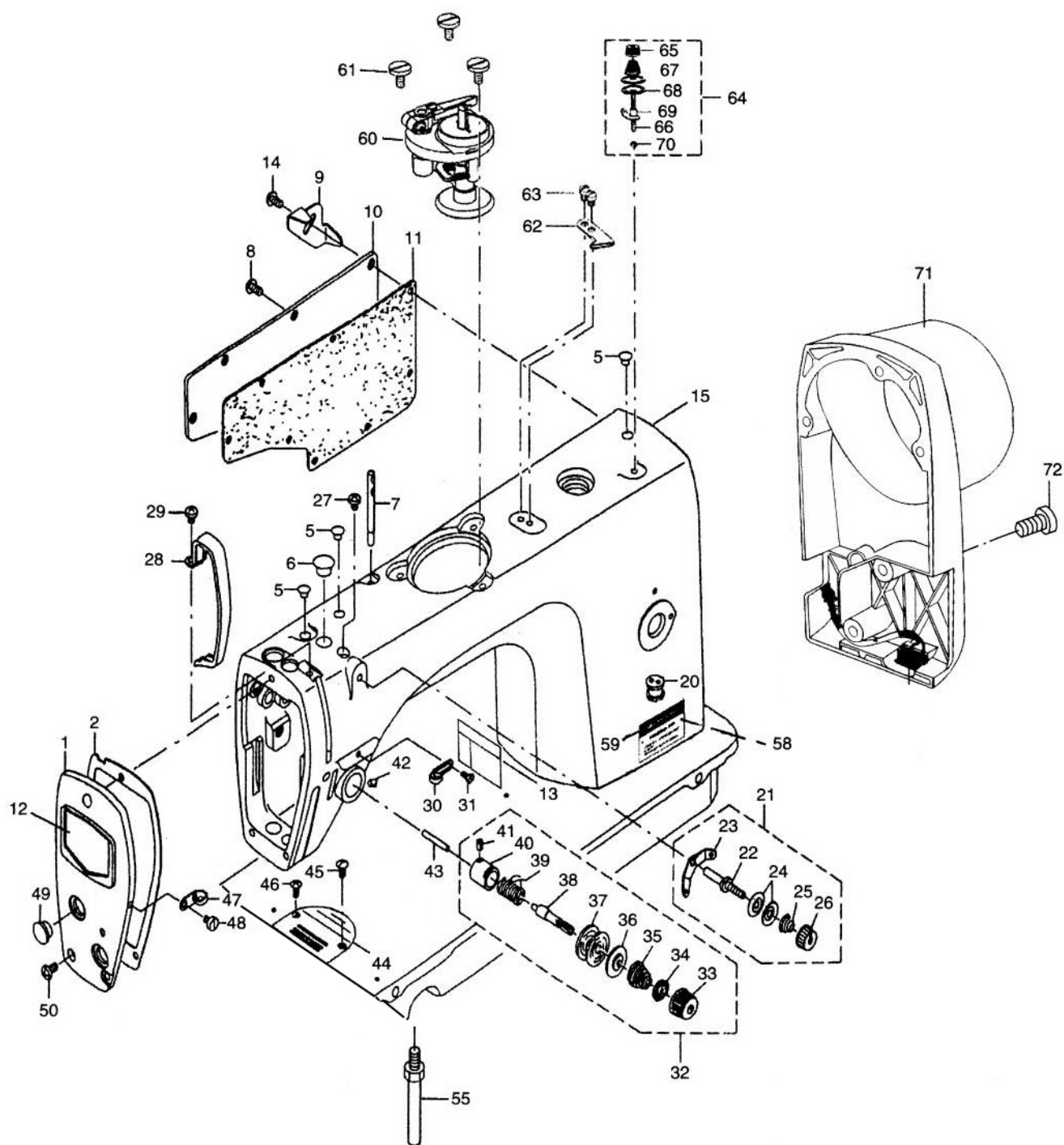


1.机壳·外装部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	102.01-01-P	面板	Face plate	1	
2	102.01-02-P	面板垫	Face plate agsket	1	
3	02-608440421-1	防油板螺钉	Screw 1/8x44 L=4	1	
4	102.01-04	面板防油板部件	Arm oil shifld asm.	1	
5	102.01-05	挑线连杆销螺孔塞	Rubber plug	3	
6	102.01-06	针杆曲柄螺孔塞	Rubber plug	1	
7	102.01-07	过线柱	Thread guide rod	1	
8	02-412280923-1	后窗板螺钉	Screw 3/16x28 L=9	7	
9	102.01-09	导线夹板	Cord holder	1	
10	102.01-10	后窗板	Side plate	1	
11	102.01-11	后窗板垫	Gasket	1	
12	102.01-12	面板装饰片	Face plate	1	
13	102.01-13	安全指示牌	Safety label	1	
14	02-412281423-1	后窗板螺钉	Screw 3/16x28 L=14	3	
15	102.01-15-P	机壳	Machine cover	1	
20	102.01-20	导线过线套	Magnet cord rubber	1	
21	101.01-21	调线夹线器组件	Thread tension asm.	1	
22	101.01-22	调线夹线螺钉	Thread tension post	1	
23	101.01-23	调线过线板	Thread tension guide	1	
24	101.01-24	小夹线板	Thread tension disk	2	
25	101.01-25	小夹线簧	Thread tension spring	1	
26	101.01-26	小夹线螺母	Thread tension nut	1	
27	02-412280623-1	小夹线器组件螺钉	Screw 3/16x28L=6	1	
28	102.01-28	挑线杆防护罩	Thread take-up lever cover	1	
29	02-412280623-1	挑线杆护罩螺钉	Screw 3/16x28L=6	1	
30	102.01-30	右线钩	Arm thread guide Right	1	
31	02-611400621-1	右线钩螺钉	Screw 11/64x40 L=6	1	
32	101.01-32	夹线器组件	Thread tension asm.	1	
33	101.01-33	夹线螺母	Tension nut	1	
34	101.01-34	夹线制动板	Rotating stopper	1	
35	101.01-5	夹线簧	Tension spring	1	
36	101.01-36	夹线板	Thread tension disk presser	1	
37	101.01-37	夹线板	Thread tension disk	2	
38	101.01-38	夹线螺钉	Tension post	1	
39	101.01-39	挑线簧	Take-up spring	1	
40	101.01-40	挑线簧调节座	Tension post socket	1	
41	02-909400421-1	夹线螺钉紧固螺钉	Screw 9/64x40 L=5.5	1	
42	02-815280711-1	夹线器螺钉	Screw 15/64x28 L=7	1	
43	101.01-43	松线钉	Tension releasing	1	
44	101.01-44	针板	Throat plate	1	
45	02-211400621-1	针板螺钉	Screw 11/64x40 L=6	1	
46	02-211400623-1	针板螺钉	Screw 11/64x40 L=6	1	

1.机壳·外装部件

MACHINE FRAME&MISCELLANEOUS COVER COMPONENTS

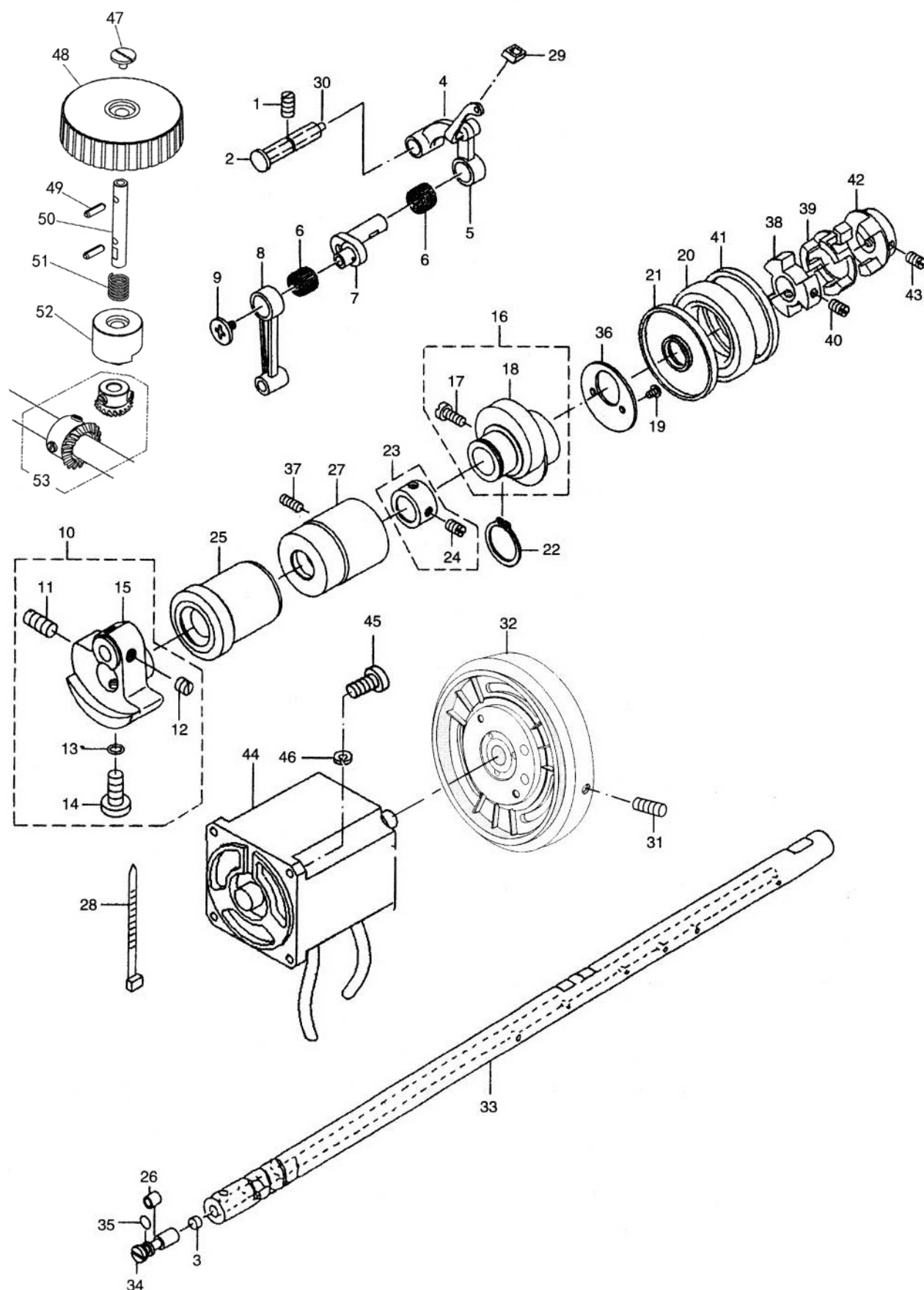


1.机壳·外装部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
47	101.01-47	左线钩	Arm thread guide Left	1	
48	02-611400621-1	左线钩螺钉	Screw 11/64x40 L=6	1	
49	101.01-49	面板调节螺孔塞	Ribber plug	2	
50	02-412280923-1	面板螺钉	Screw 3/16x28 L=9	3	
55	102.01-55	底板支柱	Bed screw stud	4	
56	101.01-61	夹边器	Ruler stopper	1	
58	101.01-63	型号牌铆钉	Pole	2	
59	102.01-64-P	型号牌	Model plate	1	
60	102.09-32	张线器组件	Bobbin base	1	
61	102.09-33	绕线器螺钉	Screw	3	
62	102.09-34	切刀	Knife	1	
63	102.09-35	绕线器割线刀螺钉	Knife screw	2	
64	102.09-36	夹线器组件	Thread tension asm.	1	
65	102.09-36-01	夹线螺母	Tension nut	1	
66	102.09-36-02	夹线螺钉	Tension post	1	
67	102.09-36-03	夹线弹簧	Tension spring	1	
68	102.09-36-04	夹线板	Thread tension disk presser	2	
69	102.09-36-05	过线板	Thread tension guide	1	
70	102.09-36-06	夹线螺母(下)	Tension nut	1	
71	102.11-34	电机罩壳	Motor cover	1	
72	102.11-35	电机罩紧固螺钉	screw	3	
73	102.11-36	保护开关	Protects the switch	1	

2.上轴 · 挑线部件

MAIN SHAFT&THREAD-UP LEVER COMPONENTS

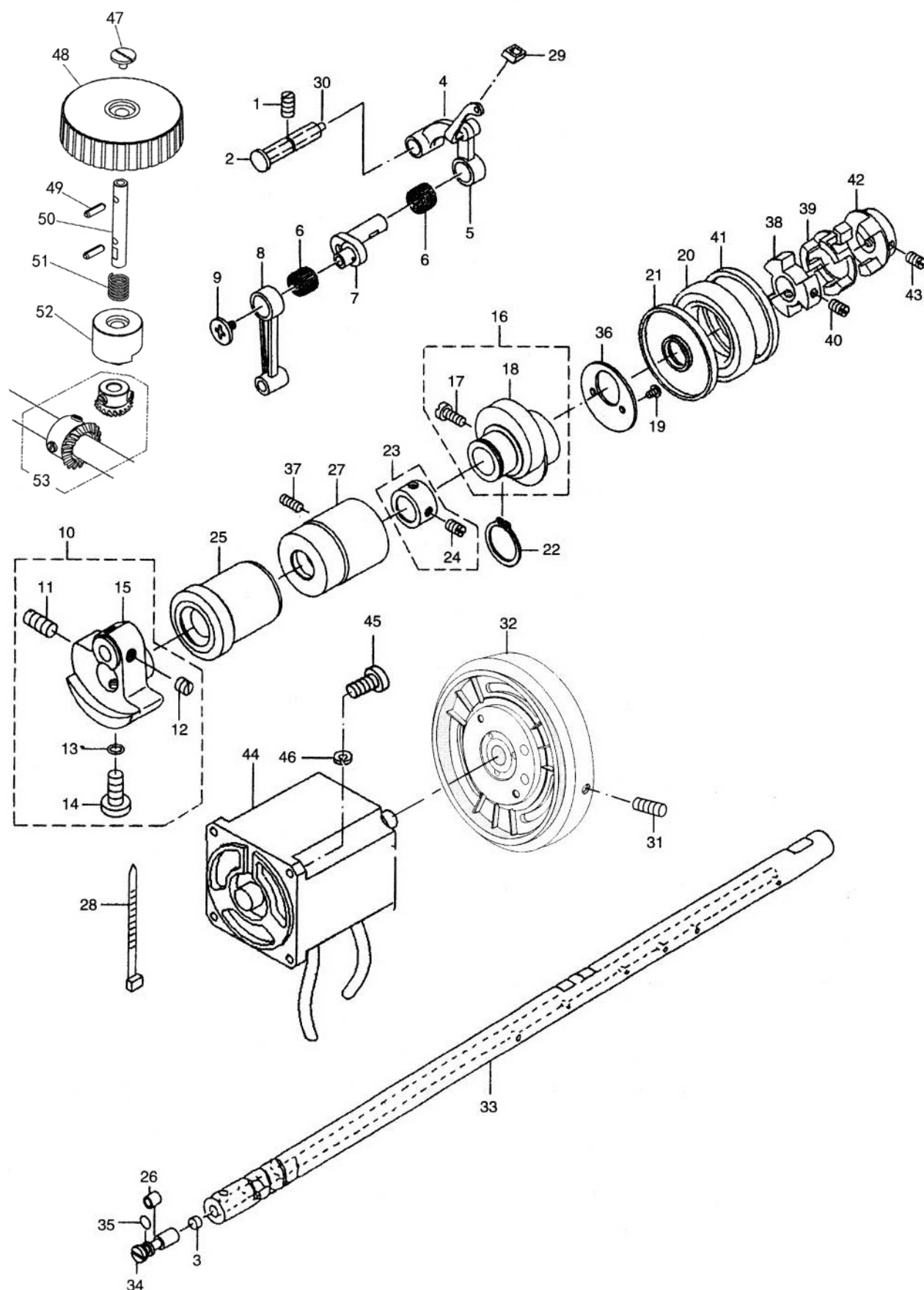


2.上轴·挑线部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	02-815281151-1	挑线连杆销螺钉	Screw 15/64x28 L=10.5	1	
2	101.02-02	挑线连杆销	Thread take-up crank shaft	1	
3	101.02-03	曲柄油量限制毡	Roller felt	1	
4	101.02-04	挑线连杆	Thread take-up lever	1	
5	101.02-05	挑线连杆分组件	Thrcad take-up lever asm.	1	
6	101.02-06	挑线杆滚针轴承	Needle bearing	2	
7	101.02-07	挑线曲柄部件	Needle bar crank	1	
8	101.02-08	针杆连杆	Needle bar crank rod	1	
9	101.02-09	挑线曲柄左旋螺钉	Left screw 9/64x40 L=4.8	1	
10	102.02-10	针杆曲柄组件	Counter weight asm.	1	
11	02-818281651-1	针杆曲柄紧固螺钉	Screw 9/32x28 L=16	1	
12	02-816400611-1	挑线曲柄定位螺钉	Screw 1/4x40 L=6	2	
13	101.02-13	定位螺钉O型圈	Rubber ring	1	
14	02-418281651-1	针杆曲柄定位螺钉	Screw 9/32x28 L=15.5	1	
15	102.02-15	针杆曲柄	Counter weight	1	
16	101.02-16	送料偏心轮组件	Feed drive eccentric cam asm.	1	
17	02-516401111-1	送料偏心轮螺钉	Screw 1/4x40 L=11	2	
18	101.02-18	送料偏心轮	Feed drive eccentric cam	1	
19	02-409400623-1	送料偏心轮盖板螺钉	Screw 9/64x40 L =6	2	
20	102.02-20	轴承	Needle bearing	1	
21	102.02-21	上轴油封	Oil seal	1	
22	101.02-22	拾牙连杆轴挡圈	Snap ring	1	
23	102.02-23	上轴挡圈组件	Thrust collar asm.	1	
24	02-816400611-1	上轴挡圈螺钉	Screw 1/4x40 L=6	2	
25	101.02-25	上轴前轴套	Main shaft front bushing asm.	1	
26	101.02-26	曲柄油量调节销	Oil adjusting collar	1	
27	102.02-27	上轴中轴套	Bushing,intermediate	1	
28	101.02-28	电线夹	Cable band	1	
29	101.02-29	橡皮套	Rubber	1	
30	101.02-30	挑线连杆销毛毡	Thread take-up crank shaft felt	1	
31	02-815281051-1	手轮螺钉	Screw 15/64x28 L=10	1	
32	102.02-34	手轮	Hand wheel	1	
33	102.02-38	上轴	Main shaft	1	
34	101.02-40	上轴油量调节销	Oil amount adjusting pin	1	
35	101.02-41	上轴油量调节销O型圈	Rubber ring	1	
36	101.02-42	送料偏心轴盖板	Thrust collar	1	
37	102.02-43	上轴中轴套螺钉	Screw	1	
38	102.02-44	联轴器 (A)	Connect block A	1	
39	102.02-45	联轴器橡胶圈	Connect rubber A	1	
40	102.02-46	联轴器螺钉	Screw	3	
41	102.02-47	轴承垫	Needle bearing plate	1	
42	102.02-48	联轴器 (B)	Connect block B	1	
43	102.02-49	联轴器 (B) 固定螺钉	Screw	3	
44	102.11-36	直驱电机组件	Motor asm.	1	
45	102.11-37	电机安装螺钉	Screw	4	
46	102.11-38	电机安装螺钉垫片	Washer	4	

2.上轴 · 挑线部件

MAIN SHAFT&THREAD-UP LEVER COMPONENTS

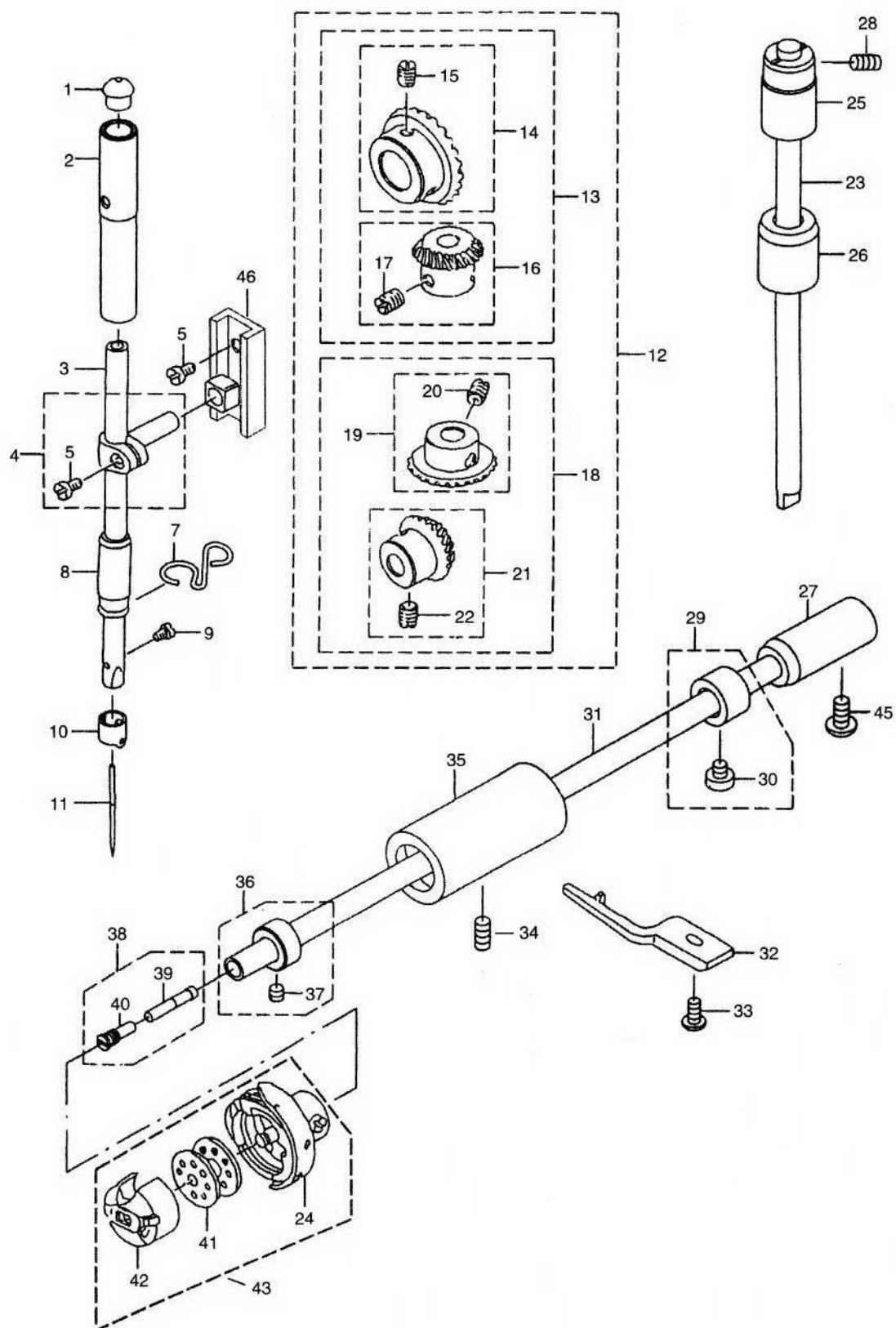


2.上轴 · 挑线部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
47	A-7	固定螺钉	Screw M4x8	1	
48		手轮	Hand pully	1	
49		销	Pin	2	
50		手轮轴	Shaft	1	
51		弹簧	Spring	1	
52		手轮套	Bushing	1	
53		齿轮组件	Beuel gear assy	1	

3. 针杆 . 竖轴 . 下轴部件

NEEDLE BAR, UPRIGHT SHAFT&HOOK DRIVING SHAFT COMPONENTS

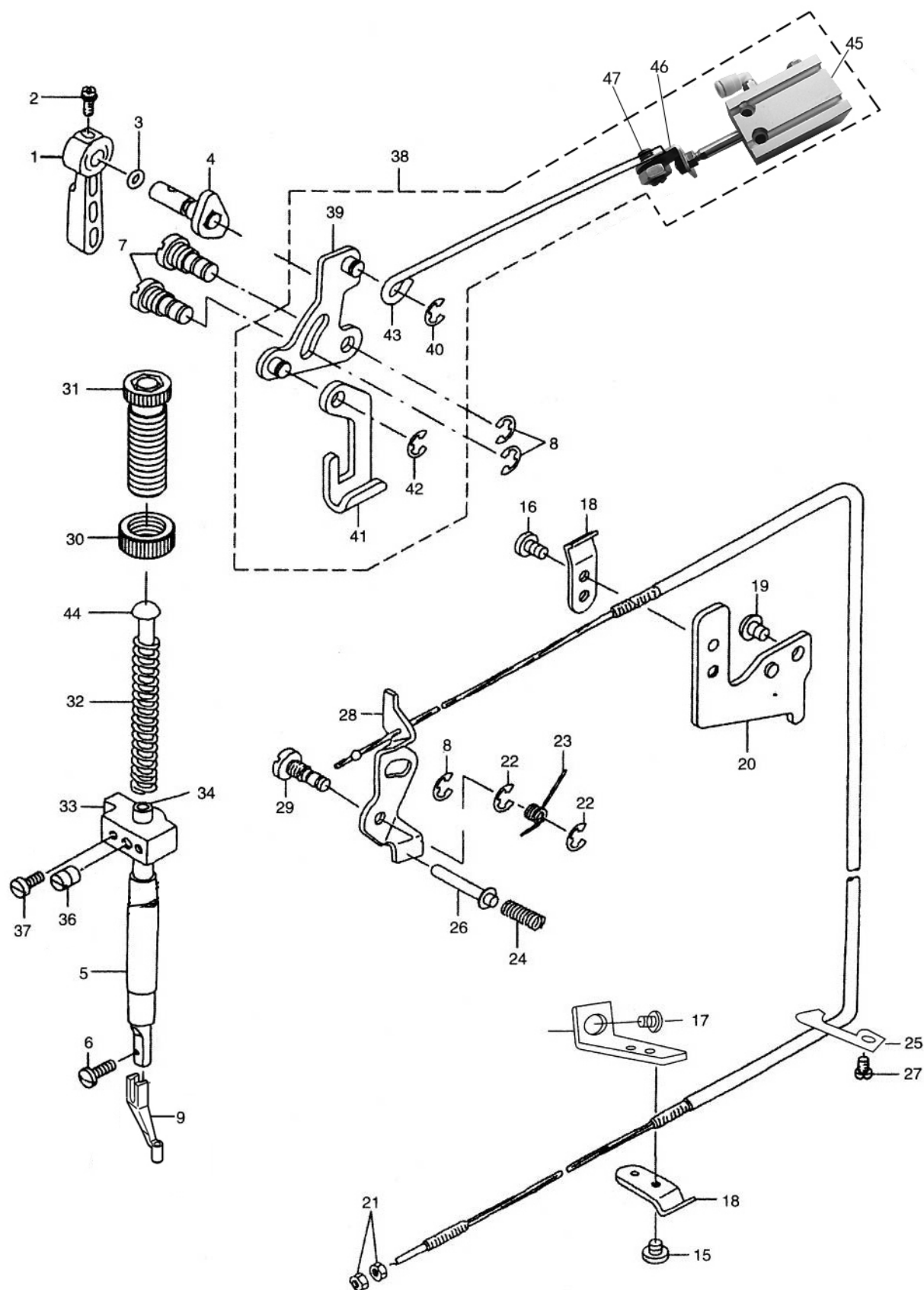


3.针杆·竖轴·下轴部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	102.03-01	针杆上孔塞	Cap	1	
2	102.03-02	针杆上套	Needle bar bushing upper	1	
3	102.03-03	针杆	Needle bar	1	
4	102.03-04	针杆连接柱组件	Needle rod holder asm.	1	
5	02-509400821-1	针杆连接柱螺钉	Screw 9/64x40 L=7.5	3	
6	102.03-06	针杆连接柱滑块	Slide block	1	
7	102.03-07	针杆下套线钩	Needle bar thread guide	1	
8	102.03-08	针杆下套	Needle bar bushing,lower	1	
9	02-508440521-1	机针螺钉	Screw 1/8x44 L=4.8	1	
10	102.03-10	针杆线钩	Needle bar thread guide	1	
11	101.03-11	机针	Needle DBX 1 #14	1	
12	101.03-12	伞齿轮组件	Gear&pinion asm.	1	
13	101.03-13	上齿轮组件	Gear&pinion asm.,upper	1	
14	101.03-14	上轴伞齿轮组件	Gear asm.	1	
15	02-816400811-1	伞齿轮螺钉	Screw 1/4x40 L=8	2	
16	101.03-16	竖轴上伞齿轮组件	Pinion asm.	1	
17	02-816400811-1	伞齿轮螺钉	Screw 1/4x40 L=8	2	
18	101.03-18	下齿轮组件	Gear&pinion asm.,lower	1	
19	101.03-19	竖轴下齿轮组件	Gear asm.	1	
20	02-816400811-1	伞齿轮螺钉	Screw 1/4x40 L=8	2	
21	101.03-21	下轴伞齿轮组件	Pinion asm.	1	
22	02-816400811-1	伞齿轮螺钉	Screw 1/4x40 L=8	2	
23	102.03-23	竖轴	Upright shaft	1	
24	101.03-24	旋梭	Hook asm.	1	
25	102.03-25	竖轴上轴套	Upright shaft bushing, upper	1	
26	102.03-26	竖轴下轴套	Upright shaft bushing,lower	1	
27	102.03-27	下轴后轴套	Bushing rear	1	
28	02-812280711-1	竖轴上套紧固螺钉	Screw 3/16x28 L=7	1	
29	102.03-29	下轴挡圈组件	Thrust collar asm.	1	
30	02-511400511-1	下轴挡圈螺钉	Screw 11/64x40 L=5	2	
31	102.03-31	下轴	Lower shaft	1	
32	101.03-32	旋梭定位钩	Bobbin case holder	1	
33	02-511401021-1	旋梭定位钩螺钉	Screw 11/64x40 L=9.5	1	
34	02-812280711-1	下轴前轴套螺钉	Screw 3/16x28 L=7	1	
35	102.03-35	下轴前轴套	Lower shaft front metal	1	
36	101.03-36	下轴挡油圈组件	Thrust collar asm	1	
37	02-811400411-1	下轴挡油圈螺钉	Screw 11/64x40 L=3.5	2	
38	101.03-38	下轴限油组件	Oil seal screw asm.	1	
39	101.03-39	下轴限油芯	Oil wick	1	
40	101.03-40	下轴限油螺钉	Oil seal screw	1	
41	101.03-41	梭心	Bobbin	1	
42	101.03-42	梭壳	Bobbin case	1	
43	101.03-43	旋梭梭壳组件	Hook bobbin case asm.	1	
45	02-612281311-1	下轴后轴套螺钉	Screw 3/16x28 L=13	1	
46	101.03-46	针杆连接柱滑块座	Slide block base	1	

4.压杆部件

HAND LIFTER COMPONENTS

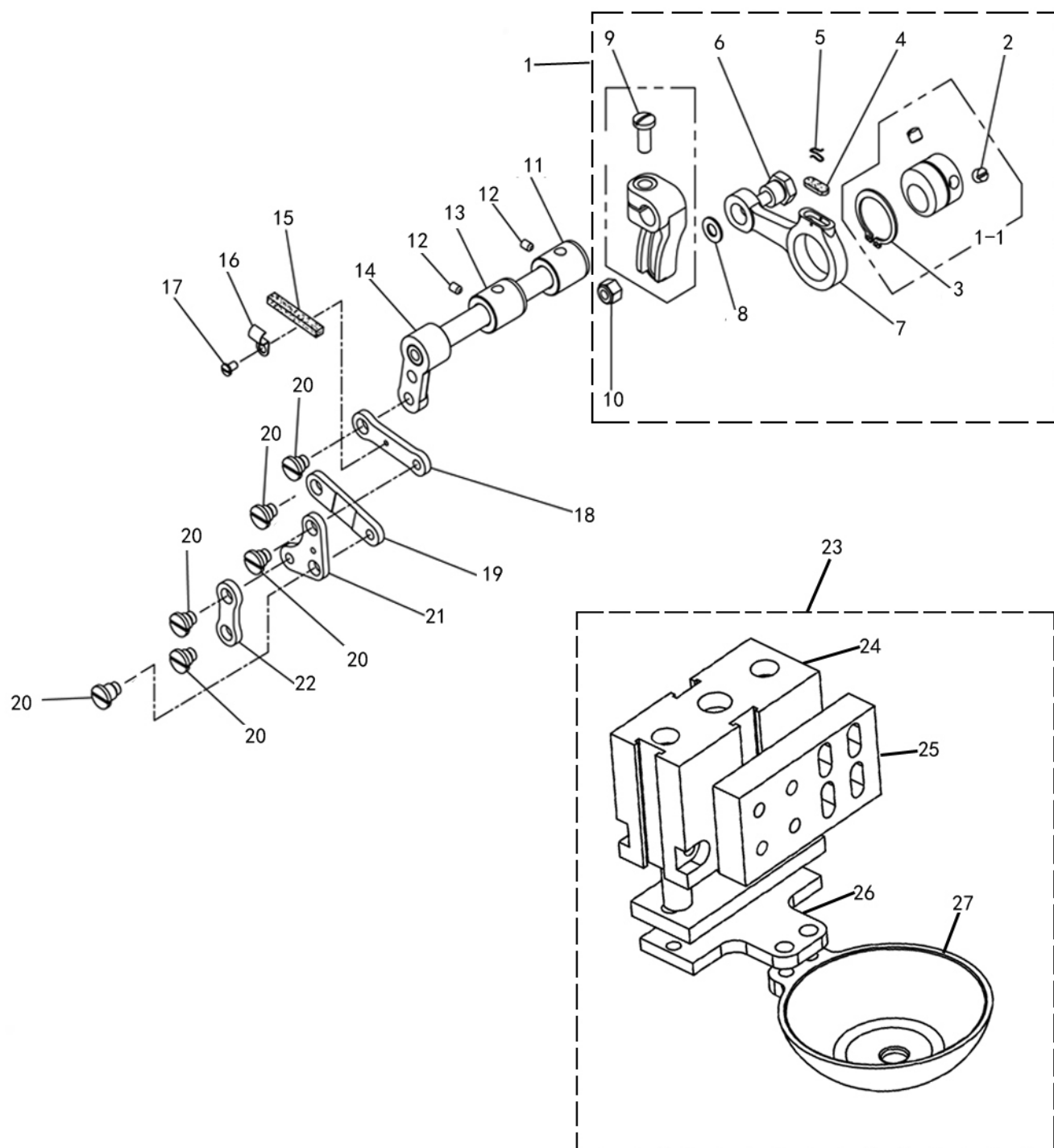


4.压杆部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	101.04-01	压脚扳手	Hand lifter	1	
2	02-509401023-1	压脚扳手螺钉	Screw 9/64x40 L=10	1	
3	101.04-03	压脚扳手轴O型圈	Rubber ring	1	
4	102.04-04	压脚扳手凸轮部件	Hand lifter cam asm.	1	
5	102.04-05	压杆轴套	Presser bar bushing lower	1	
6	02-409400821-1	活压脚螺钉	Screw 9/64x40 L=8	1	
7	102.04-07	前杠杆螺纹销	Link shaft	2	
8	101.04-08	螺纹销开口挡圈	E-ring 5	3	
9	101.04-09	活压脚部件	Presser foot asm.	1	
10	102.04-10	下压线底板	Wire holder bracket, lower	1	
11	102.04-11	抬压脚拉杆螺钉	Hinge screw	1	
12	102.04-12	后杠杆轴拉螺钉	Hinge screw	1	
13	102.04-13	抬压脚顶杆	Knee lifter connecting rod	1	
14	102.04-14	抬压脚后杠杆	Lifting lever link	1	
15	02-411400521-1	下压板紧固螺钉	Screw 11/64x40 L=5	1	
16	02-411400521-1	上压板紧固螺钉	Screw 11/64x40 L=5	1	
17	02-515281521-1	下压板组件紧固螺钉	Screw 15/64x28 L=14.5	1	
18	102.04-18	拉线活压板	Wire holder	2	
19	02-412280623-1	上压板组件紧固螺钉	Screw 3/16x28 L=6	1	
20	102.04-20	上压线底板	Wire holder bracket, upper	1	
21	04-612320400-1	拉线钮距调节螺母	Nut 3/16x32	2	
22	101.04-22	螺纹销开口挡圈	E-ring 5	2	
23	101.04-23	松线顶板复位簧	Tension release return spring	1	
24	102.04-24	松线辅订弹簧	Thread release pin spring	1	
25	102.04-25	软管右挡板	Wire cable holder	1	
26	102.04-26	松线辅钉	Tension release supporting pin	1	
27	02-412280623-1	右挡板紧固螺钉	Screw 3/16x28 L=6	1	
28	102.04-28	松线顶板	Thread tension release wire	1	
29	102.04-29	松线顶板螺纹销	Tension release shaft	1	
30	102.04-30	调压螺母	Presser adjusting screw nut	1	
31	102.04-31	调压螺钉	Presser spring regulator	1	
32	102.04-32	调压簧	Presser adjusting spring	1	
33	102.04-33	压杆导架	Presser bar guide bracket	1	
34	101.04-35	压杆	Presser bar	1	
36	02-816400811-1	压杆导架螺钉	Screw 1/4x40 L=8	1	
37	02-509400821-1	缓线调节钩螺钉	Screw 9/64x40 L=8	2	
38	102.04-39	前杠杆组件	Knee lifting cross rod asm	1	
39	102.04-40	抬压脚前杠杆部件	Hand lifter link	1	
40	102.04-41	拉杆开口挡圈	E-ring 5	1	
41	102.04-42	压脚升降板	Lifting lever	1	
42	102.04-43	升降板连接开口挡圈	E-ring 5	1	
43	102.04-44	抬压脚拉杆	Knee lifting cross rod	1	
44	102.04-45	调压导杆	Presser guide bar	1	
45	A23	抬压脚气缸		1	
46	A23-1	抬压脚拉杆		1	
47	A23-2	M8螺钉组件		1	

5. 中压脚传动部件

PRESSER BAR LIFTING MECHANISM

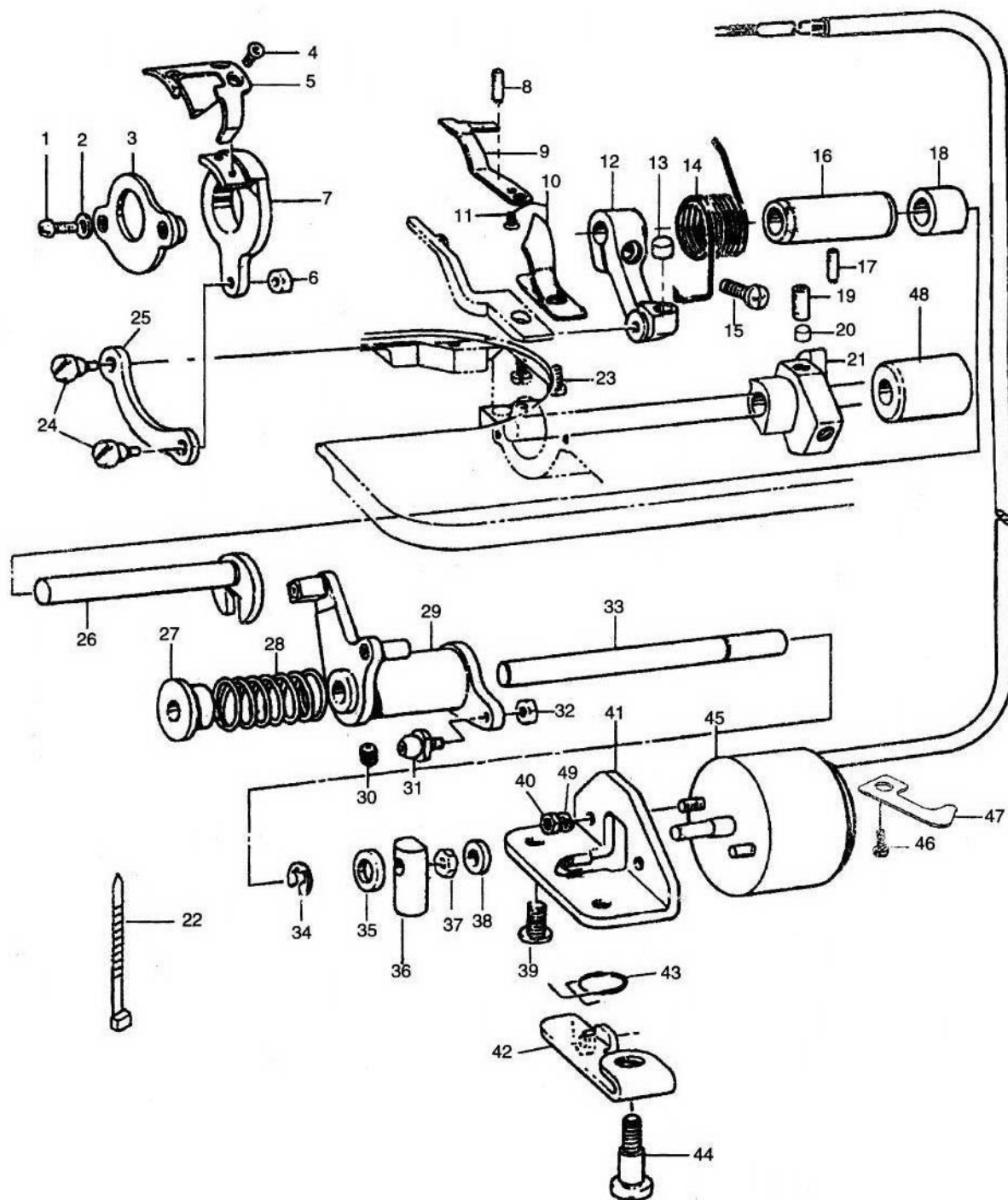


5.中压脚传动部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	A-31	传动凸轮组件		1	
1-1		凸轮	Eccentric cam assy	1	
2		螺钉SM1/4X40 L=6	Screw SM1/4X40 L=6	2	
3		轴用C型挡圈	C-type retaining ring 25	1	
4		偏心轮连杆油毡	Felt	1	
5		压簧	Hlder	1	
6		偏心轮连杆螺钉	Bolt	1	
7		连杆	Crank rod	1	
8		垫圈	Washer	1	
9		偏心连杆调节曲柄螺钉	Screw SM1/4X40 L=16	1	
10		螺母	U-nut	1	
11	A-30	摆压脚提升轴套	Bushing	1	
12		固定螺钉	Screw	2	
13	A-30	摆压脚提升轴套	Bushing	1	
14	A-28	压脚升降曲柄	Arm shaft assy	1	
15		油毡	Felt	1	
16		油毡固定夹	Holder	1	
17		螺钉 SM9/64X40 L=6	Screw SM9/64X40 L=6	1	
18	A-39	连杆A	Link A	1	
19	A-38	连杆B	Link B	1	
20		螺钉 SM1/40X40	Screw SM1/4X40	5	
21	A-37	压脚送料曲柄	Bell crank	1	
22	A-36	连杆C	Link C	1	
23		大压脚组件		1	
24	LM2015-74	气缸		1	
25	A-42	支撑架		1	
26	A-43	边接板		1	
27	LM2015-72	大压脚		1	

6. 自动切线部件

THREAD TRIMMER COMPONENTS

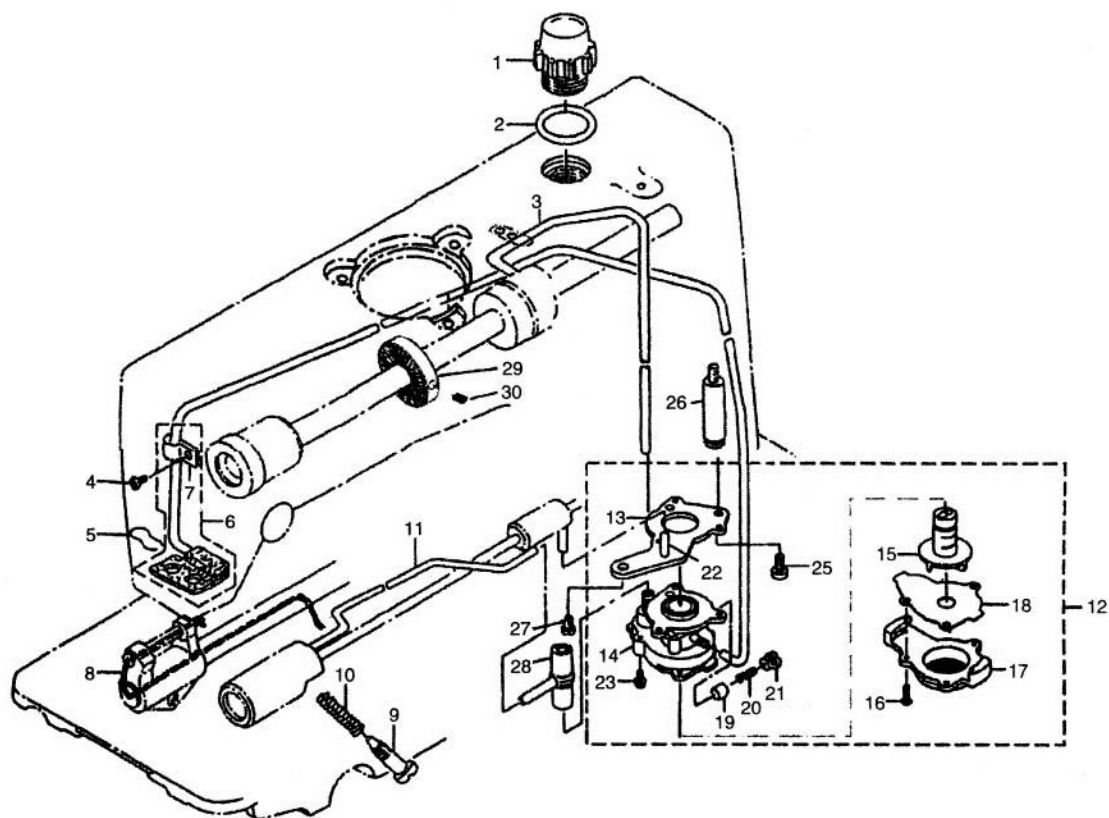


6.自动切线部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	101.13-02	螺钉SM11/64"x40 L=12	Screw SM11/64x40 L=12	2	
2	101.13-10	牙架座螺钉垫圈	Washer	2	
3	101.13-07	刀架压板组件	Partiality shank asm.	1	
4	101.13-08	活动刀固定螺钉	Screw	2	
5	101.13-03	活动刀	Motorial knife	1	
6	101.13-04	螺母 SM11/64"x40	Nut SM11/64x40	1	
7	101.06-06	剪线刀架	Knife bracket	1	
8	02-206560321-1	定刀调节螺钉	Screw	1	
9	101.13-12	割线刀	Secant knife	1	
10	101.13-05	护针片	Protect needle patch	1	
11	101.13-06	螺钉 SM9/64"x40 L=4	Screw SM9/64x40 L=4	1	
12	02-611401021-1	曲柄	Thread shear rock arm	1	
13	101.06-13	驱动曲柄止动块	Positioning block	1	
14	101.06-14	弹簧	Spring	1	
15	101.06-15	螺钉 SM3/16"x32 L=14	Screw SM3/16x32 L=14	2	
16	02-409400523-1	切线轴套	Thread shear cam rock arm assy	1	
17	101.06-17	螺钉 SM11/64"x40	Screw SM11/64x40	1	
18	101.06-18	驱动曲柄轴衬套	Short bush	1	
19	101.06-19	螺钉 SM1/4"x40 L=10	Screw SM1/4x40 L=10	1	
20	02-916400611-1	凸轮顶柱	Pole	2	
21	101.06-21	凸轮	Thread shear cam	1	
22	02-811400511-1	尼龙扎带	Bale band	1	
23	101.06-23	螺钉 SM9/64"x40 L=5	Screw SM9/64x40 L=5	1	
24	101.06-24	连杆螺钉 SM11/64"x40 L=5.5	Screw SM11/64x40 L=5.5	2	
25	101.06-25	连杆	Knife shaft connecting rod	1	
26	101.06-26	切线凸轮曲柄轴	Thread shear rock arm shaft	1	
27	101.06-7	扭簧端盖	Spring cover	1	
28	02-611400621-1	弹簧	Spring	1	
29	101.06-29	剪线驱动组件	Thread shear rock arm shaft	1	
30	101.06-30	螺钉 SM11/64"x40	Screw SM11/64x40	1	
31	101.06-31	滚柱	Roll shaft assy	1	
32	101.06-32	螺母	Nut	1	
33	101.06-33	轴	Thread shear shaft	1	
34	101.06-34	挡圈	Retaining ring	1	
35	101.06-35	电磁铁缓冲垫	Magnetic plug cushion mat	1	
36	101.06-36	切线电磁铁顶销	Magnetic plug pin	1	
37	101.06-37	螺母 SM1/4"x40	Nut SM1/4x40	1	
38	101.06-38	垫圈	Washer	1	
39	101.06-39	油泵安装螺钉	Screw	1	
40	101.06-40	螺母M4	Nut M4	2	
41	101.06-41	切线磁铁支架	Magnetic plug cushion mat	1	
42	02-409400623-1	松线座	Thread loose seat	1	
43	101.06-43	弹簧	Spring	1	
44	101.06-44	螺钉 SM1/4"x28 L=13	Screw SM1/4x28 L=13	1	
45	101.06-45	剪线电磁铁组件	Magnetic plug	1	
46	101.06-46	螺钉 SM15/64"x28 L=14.5	Screw SM15/64x28 L=14.5	1	
47	02-415280923-1	旋梭供油管压板	Electrical plug breacker washer	1	
48	101.06-48	下轴中套	Bushing, lower shaft	1	
49	101.06-49	垫圈4.5x8x0.5	Washer 4.5x8x0.5	2	

7. 润滑部件

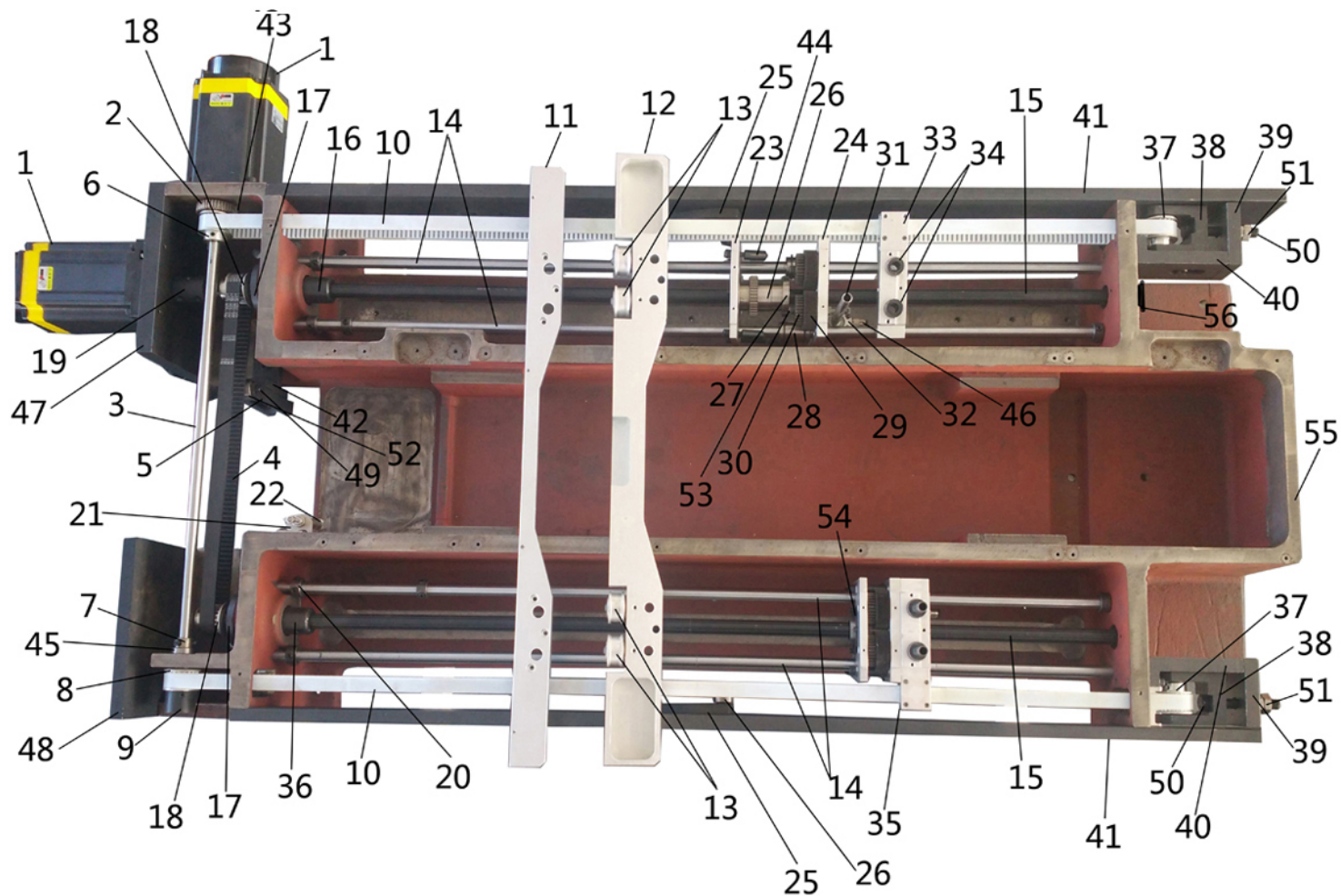
OIL LUBRICATION COMPONENTS



7. 润滑部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	102.09-01	油窗	Oil sight window	1	
2	102.09-02	油窗O型圈	Rubber ring	1	
3	102.09-03	上轴供油管	Main shaft oil tube	1	
4	02-412280623-1	回油管夹螺钉	Screw 3/16x28 L=6	1	
5	102.09-05	回油毡夹	Oil felt presser	1	
6	102.09-06	回油管组件	Oil return tube asm	1	
7	102.09-07	回油管夹	Holder	1	
8	101.09-08	送料轴油线	Oil wick	1	
9	102.09-09	旋梭油量调节螺钉	Oil adjusting screw	1	
10	102.09-10	旋梭油量调节簧	Spring	1	
11	102.09-11	旋梭供油管	Oil tube	1	
12	101.09-12	油泵部件	Lubricating oil pump asm	1	
13	101.09-13	油泵安装板	Oil pump installing base	1	
14	101.09-14	油泵体	Oil pump	1	
15	101.09-15	油泵叶轮	Oil pump impeller	1	
16	101.09-16	油泵盖螺钉	Screw D=3 L=10	3	
17	101.09-17	油泵盖	Lubricating oil pump cover	1	
18	101.09-18	油泵叶轮托板	Oil pump impeller cover	1	
19	101.09-19	回油柱塞	Plunger	1	
20	101.09-20	柱塞簧	Plunger spring	1	
21	101.09-21	柱塞螺钉	Plunger screw	1	
22	101.09-22	下轴供油管	Hook driving shaft oil tube	1	
23	101.09-23	油泵安装螺钉	Screw M3 L=8	3	
24	02-611401021-1	螺柱连接螺钉	Screw 11/64x40 L=9.5	1	
25	101.09-26	油泵连接螺柱	Oil pump support, large	1	
26	02-615281221-1	油泵螺钉	Screw 15/64x28 L=12	1	
27	101.09-28	供油管接头	Rubber joint	1	
28	102.09-37	绕线器驱动轮	Bobbins pulley	1	
29	102.09-38	绕线器驱动轮螺钉	Screw	2	

8. 驱动架部件



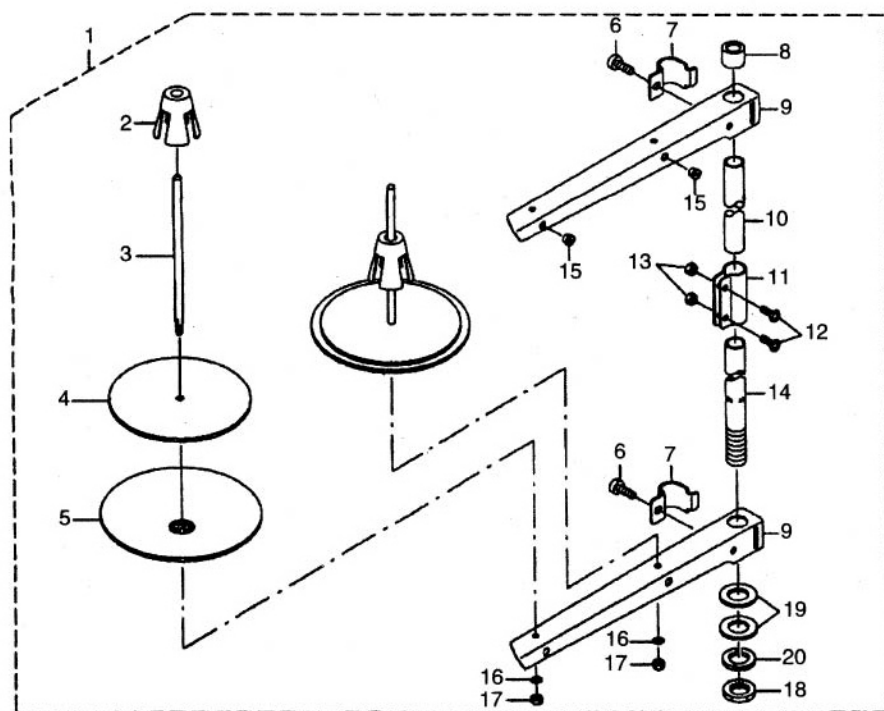
8. 驱动架部件

序号	图号	名称	台用数量
		NAME OF PARTS	LM2010-A-76
1	B-48/49	步进马达	2
2	B-24	纵向主动齿轮	1
3	B-5	纵向传动轴	1
4	B-12-1	X同步带 805M	1
5	B-45	张紧轮支架	1
6	B-25	同带齿轮	1
7	F-37	挡圈 $\phi 12$	1
8	B-3	同带齿轮	1
9		锁紧套	1
10	B-12-2	Y同步带5M-15	2
11	B-53	压框横梁	1
12	B-54	压框导轨	1
13	B-57	压紧轮	4
13-1	B-96	轴承F698ZZ	8
13-2	B-56	压紧轮心轴	4
14	B-50	导向轴（光轴）	4
15	B-51	花键轴组件	2
16	B-13	联轴器A	1
17	B-22	轴承压盖	2
18	B-11	X 同步轮	2
19	F-31	联接套	1
20	F-36	挡圈 $\phi 13$	6
21		气缸支撑架	1
22	A-22	气缸KCDJ2B10-10-B	1
23	B-37	外支撑板	1
24	B-39	内支撑板	1
25	B-42	张紧轮座	2
26		轴承6900RS	6
		支撑轴	2
27	B-91	轴承6806ZZ	4
28	B-81	导向轴承12UU	4

序号	图号	名称	台用数量
		NAME OF PARTS	LM2010-A-76
29	B-43	趋动齿轮	4
30	B-34	从动齿轮	4
31	B-56	压紧轮心轴	4
32	A-34	气缸SDA20X10-T21141A	4
33	B-14	同步带座	2
34	B-84	导向轴承 10UU	4
35	B-15	同步带压紧块	2
36	B-13	联轴器 B	1
37	B-17	同步轮	2
37-1	B-94	轴承608	4
37-2	B-6	轴	2
38	B-18	皮带张紧轮支架	2
39	B-19	连接板	2
40	B-7	支撑架	2
41		支撑板	2
42	B-44	T型座	1
43	B-23	纵向从动轮	1
44	B-55	导柱	8
45	B-97	轴承6901	1
46	F-19	气管接头KJH04-M5	8
47		左端支撑板	1
48	B-52	右端支撑板	1
49	B-46	心轴	1
50		螺丝M10	2
51		螺母M10	4
52	B-94	轴承608	3
53	B-35	心轴	4
54	B-36	压环	2
55	LM700-1	驱动架	1
56	B-20	轴承盖	2

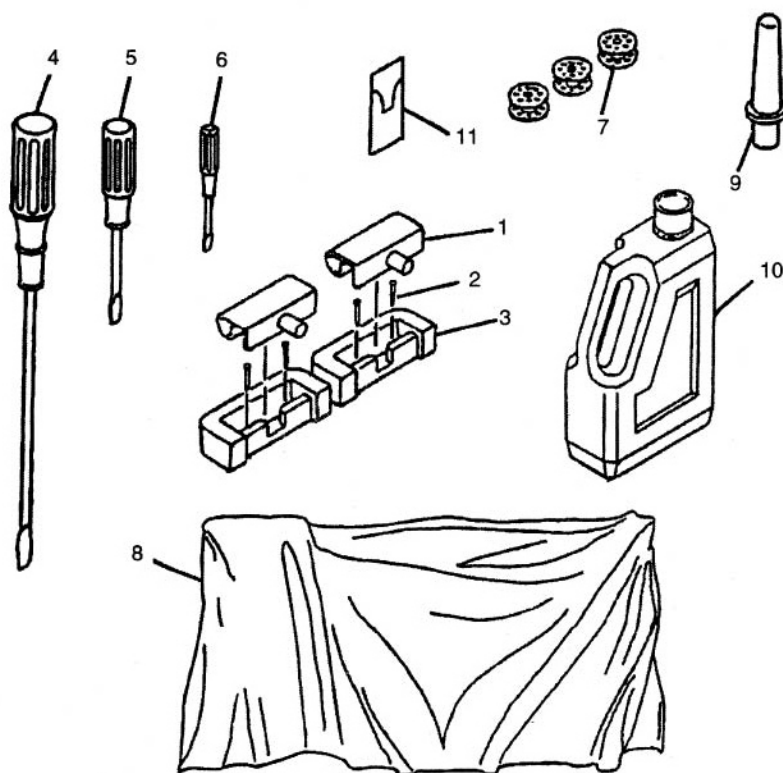
9.过线架部件

THREAD STAND COMPONENTS



10.附件

ACCESSORIES



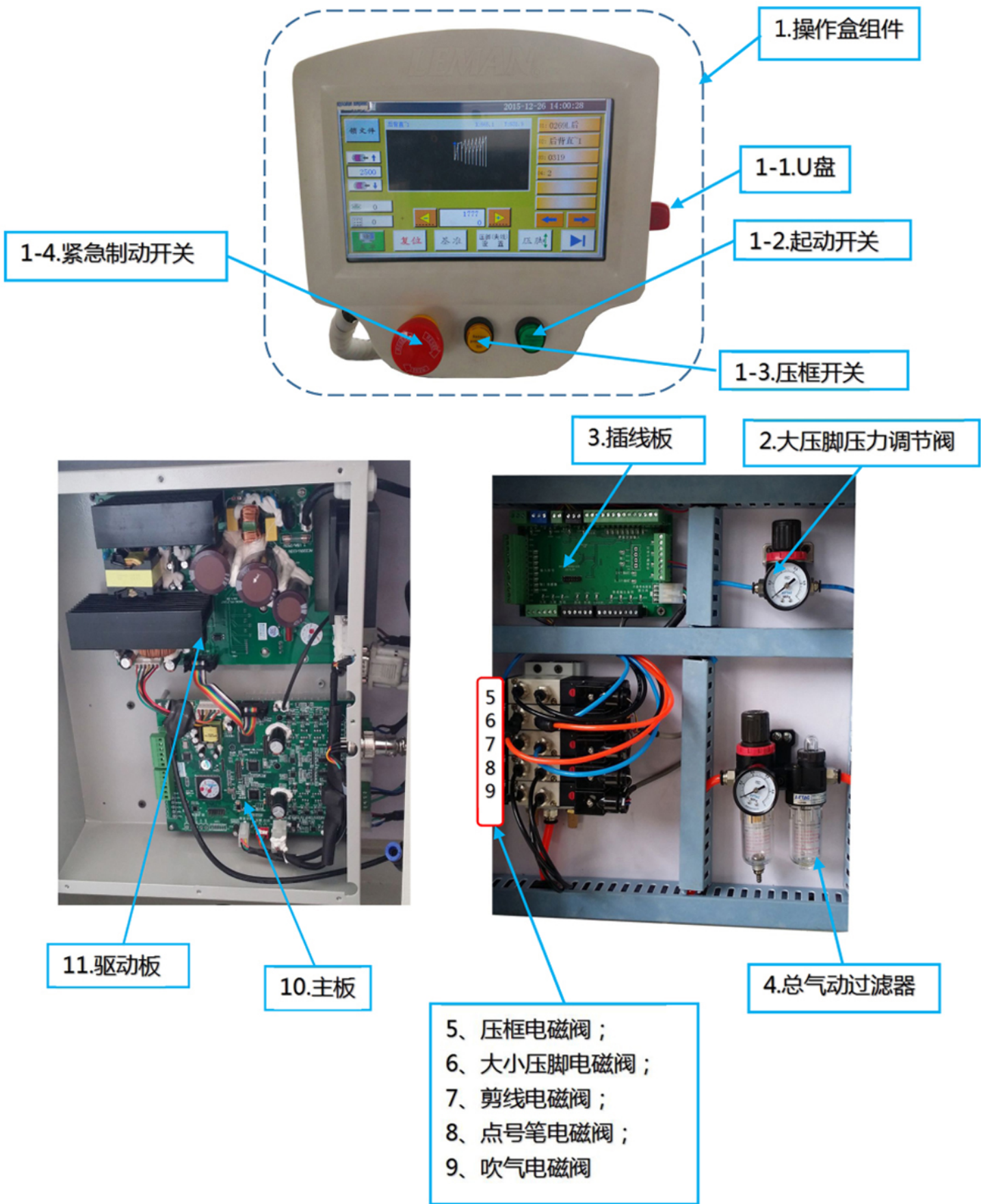
9.过线架部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	101.12-01	过线架部件	Thread stand asm.	1	
2	101.12-02	线团防松垫	Spool retainer	2	
3	101.12-03	线盘钉	Spool pin	2	
4	101.12-04	线盘轮垫	Spool rest cushion	2	
5	101.12-05	线盘	Spool rest	2	
6	101.12-06	线架过线夹螺钉	Screw M6 L=16	2	
7	101.12-07	线架过线夹	Thread guide arm joint	2	
8	101.12-08	线架杆顶防护橡皮	Spool rest rod rubber cap	1	
9	101.12-09	线架过线杆	Spool rest arm	2	
10	101.12-10	线架杆上节	Spool rest rod,upper	1	
11	101.12-11	接架杆接头	Spool rest rod joint	1	
12	101.12-12	接架杆接头螺钉	Screw M5 L=14	2	
13	101.12-13	接架杆接头螺母	Nut M5	2	
14	101.12-14	线架杆下节	Spool rest rod,lower	1	
15	101.12-15	过线圈	Thread guide	2	
16	101.12-16	线盘钉弹簧垫	Spring washer	2	
17	101.12-17	线盘钉螺母	Nut M5	2	
18	101.12-18	线架杆坚固螺母	Nut M16x1.5	1	
19	101.12-19	线架杆紧固螺母垫圈	Washer 16x30x2.6	2	
20	101.12-20	紧固螺母弹簧的垫圈	Spring washer	1	

10.附件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	101.14-01	机头连接钩组件	Machine hinge plate asm.	2	
2	101.14-02	机头连接钩座钉	Nail	4	
3	101.14-03	机头连接钩座	Machine hinge plate	2	
4	101.14-04	螺丝刀（大）	Screw driver,large	1	
5	101.14-05	螺丝刀（中）	Screw driver,mendium	1	
6	101.14-06	螺丝刀（小）	Screw driver,smsll	1	
7	101.14-07	梭心	Bobbin	3	
8	101.14-08	机头罩	Macgube head cover	1	
9	101.14-09	机头支柱	Macgube rest cover	1	
10	101.14-10	油箱部件	Oil reservoir asm.	1	
11	101.14-11	机针	Needle DBx1 #14	1包	
14	101.14-14	说明书	Instruction book	1	

11. 电控部位





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长臂模板机的开创者

LEAD MAN OF LONG ARM TEMPLATE SEWING MACHINE