



H8800-7P 系列

直驱高速电子平缝纫机

HIGH-SPEED LOCKSTITCH SEWING MACHINE
WITH MOTOR BUILT IN HEAD

使用说明·零件手册

INSTRUCTION MANUAL&PARTS BOOK

HIKARI

重要安全事項

為使您正確使用我們的產品，須對產品的各種功能充分了解，以便安全操作。使用前請仔細閱讀使用說明書。我們希望您能長期愉快地使用我們的產品，請保存好說明書，以備查閱。

1. 使用此縫紉機時，必須遵守包括如下項目的基本安全措施。
2. 使用此縫紉機之前，請閱讀本使用說明書在內的所有指示文件。
同時應將此使用說明書妥善保管，以便能夠隨時查閱。
3. 此縫紉機應與貴國的有關安全規定一起使用。
4. 使用此縫紉機和縫紉機動作中，所有的安全裝置應安裝到規定的位置。
沒有安裝規定的安全裝置的縫紉機禁止使用。
5. 此縫紉機應由接受過培訓的操作人員來操作。
6. 使用縫紉機時，建議戴安全防护眼鏡。
7. 發生下列情況時，應立即關掉電源開關，或拔下電源線插頭。
 - 7-1 機針、彎針、分離器等穿線和更換旋梭時。
 - 7-2 更換機針、壓腳、針板、彎針、分离器、送布牙、護針器、支架、布導向器等時。
 - 7-3 修理時。
 - 7-4 工作場所無人了或離開工作場所時。
8. 縫紉機以及附屬裝置使用的機油、潤滑脂等液體流入眼睛或沾到皮膚上時，或被誤飲時，應立即清洗有關部份並去醫院治療。

9. 禁止用手觸摸打開了縫紉機開關通電的零件或裝置。
10. 有關縫紉機的修理、改造、調整應由受過專門訓練的技術人員或專家來進行。
11. 一般的維修保養應由受過訓練的人員來進行。
12. 有關縫紉機的電氣方面的修理、維修應由有資格的電氣技術人員或專家的監督和指導下進行。
13. 修理、保養有關空氣、氣缸等壓縮空氣的零件時，應切斷空氣壓縮機供氣源後再進行。
如有殘留壓縮空氣時，應放掉壓縮空氣。
但，受過相當訓練的技術人員或專家進行有關調整或確認動作時除外。
14. 縫紉機的使用期間應定期進行清掃。

15. 為了正常安全運轉，應安裝地線。同時應在不受高頻焊接機等強噪音源影響的環境下使用。
16. 電源插頭應用具有電氣專門知識的人來安裝。電源插頭必須連接到接地插座上。

17. 縫紉機指定用途以外不能使用。
18. 對縫紉機的改造、變更應符合安全規格，並採取有效的安全措施。
另外，對於有關改造和變更，我公司概不負責。

19. 本使用說明書上採用以下 2 個警告符號。



有損傷操作人員、維修人員的危險。



安全上需要特別加以注意的事項。

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 JUKI 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 used are not allowed.
18. Remodel or modify the machine in accordance with the safety rules/standards while taking all the effective safety measures. We assume 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

安全操作事項

 危險	1. 為了防止發生触电事故，請不要在打開電源的情況下，打開電氣箱蓋以及觸摸電氣箱內的零件。
 注意	1. 為了防止人身事故的發生，請不要在卸下電機罩、手指防護器等安全裝置的狀態下運轉縫紉機。 2. 為了防止被卷入機器的人身事故，縫紉機運轉中請不要將手指、頭髮、衣服靠近受輪、也不要將東西放到機器上面。 運轉 3. 為了防止人身事故的發生，打開電源時以及縫紉機運轉中，請不要把手指放到機針的附近。 4. 為了防止人身事故的發生，縫紉機運轉中請不要把手指放到挑線桿外罩內。 5. 縫紉機操作中，旋梭高速地旋轉。為了防止手受到傷害，運轉中請絕對不要把手靠近旋梭。 6. 為了防止人身事故的發生，放倒縫紉機或返回原來位置時，要注意不要夾住手。 7. 為了防止突然的起動造成人身事故，放倒縫紉機時，請一定關掉電源。 8. 使用伺服電機時，縫紉機停止電機無聲音。為了防止意外的起動造成人身事故，請注意不要忘記關電源。 9. 為了防止触电事故，卸下電源地線的狀態，請不要運轉縫紉機。 10. 為了防止触电和損壞電氣零件，拔電源的插頭時，請先關掉機器電源開關。

運轉縫紉機前的注意事項


注意

為了防止機械的錯誤動作或損傷，請確認如下項目。

- 最初使用縫紉機之前，請把機器打掃干淨。
- 清除運送途中積存的灰塵，並加油。
- 請確認電壓設定是否正確。
- 請確認電源插頭是否正確連接。
- 電壓規格不同時，請絕對不要使用。
- 縫紉機的轉動方向是，站在手輪側看為逆時針方向。請注意不要讓縫紉機反向轉動。

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 motor 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 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 component(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.

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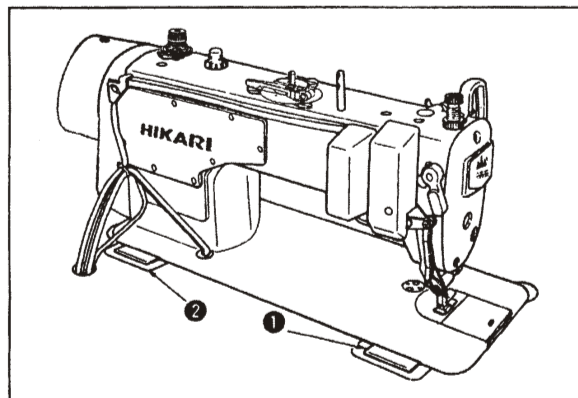
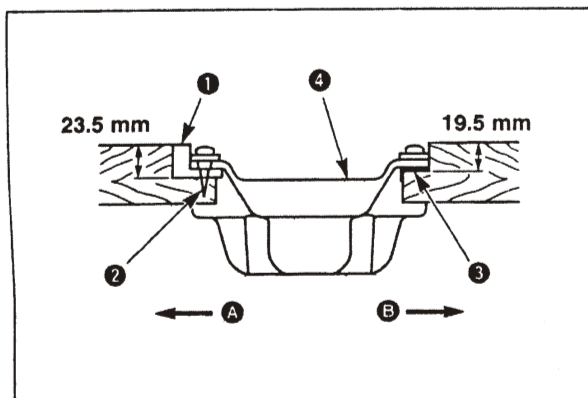
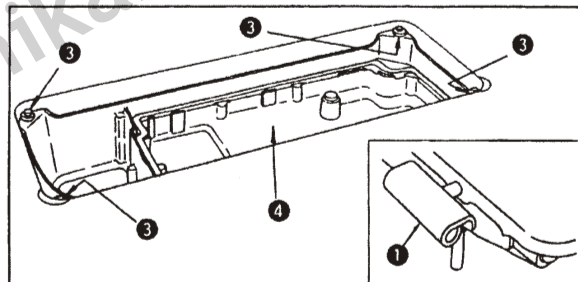
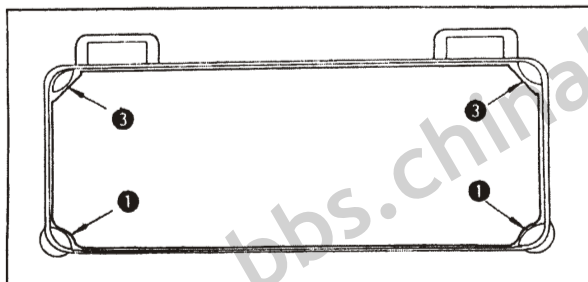
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1. 規格 / SPECIFICATIONS

	H8800-7 P
用途	一般布料、薄料、中厚料
縫紉速度	最高 5,000 rpm
最大針腳長度	4 mm
機針	DB X 1 #9 ~ #18
壓腳高度 (膝動提昇)	10mm (標準) 13mm (最大)
使用機油	0号白油

	H8800-7 P
Application	General fabrics, light-weight and medium-weight materials
Sewing speed	Max. 5,000 rpm
Max. Stitch length	4 mm
Needle	DB x 1 #9 to #18
Presser foot lift	10 mm (standard) 13 mm (Max.)
Lubricating oil	White Oil 0
Noise	Workplace-related noise at sewing speed $n = 4,500 \text{ min}^{-1}$: $L_{PA} \leq 83 \text{ dB(A)}$ Noise measurement according to DIN 45635-48-A-1.

2. 縫紉機的安裝 / INSTALLATION



(1) 底槽的安裝

- 1) 把底槽支到機台溝的四角上。
- 2) 用螺釘②把前側A的2個頭部橡膠支座①釘到機台的伸出部，再用螺釘②把鉸鏈側B的2個頭部橡膠座③釘好固定，然後把底槽④放上去。
- 3) 把鉸鏈①放到機台的孔上，對準台板橡膠支座②，把頭部放到四角的機頭膠墊③上。

(1) Installing the under cover

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

3. 膝動提昇高度的調整 / ADJUSTING THE HEIGHT OF THE KNEE LIFTER

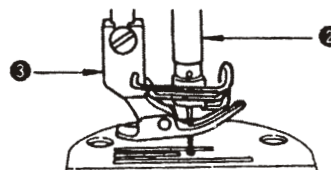
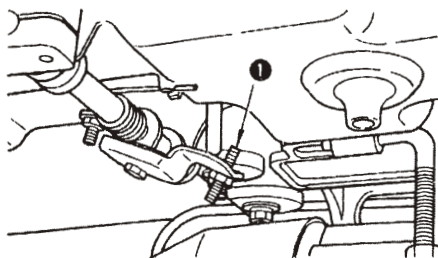


注意

為了防止意外的起動造成的事故，請關掉電源後進行。

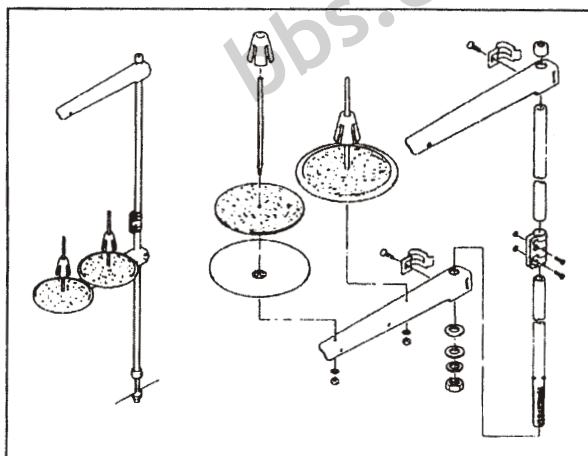
WARNING :

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



- 1) 膝動提昇的壓腳標準高度為 10 mm。
 - 2) 調節膝動提昇調節螺絲①可以把壓腳高度最大調整到 13 mm。(A 型時最大為 9 mm。)
 - 3) 壓腳提昇到 10 mm 以上時，請注意針桿②的前端下降到最底下時，不能碰到壓腳③。
- 1) The standard height of the presser foot lifted using the knee lifter is 10 mm.
 - 2) You can adjust the presser foot lift up to 13 mm using knee lifter adjust screw ①. (Max. 9 mm for A type)
 - 3) When you have adjusted the presser foot lift to over 10 mm, be sure that the bottom end of needle bar ② in its lowest position does not hit presser foot ③.

4. 線架裝置的安裝 / INSTALLING THE THREAD STAND



5. 加潤滑脂 / LIPIN

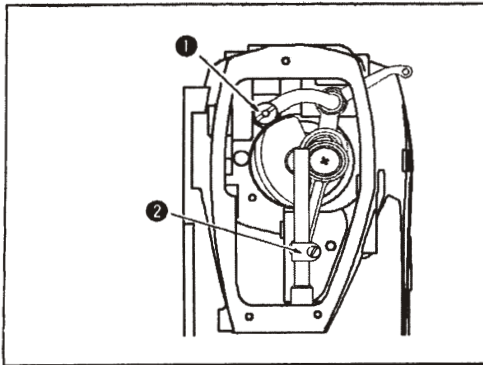


注意

为了防止意外的启动造成的事故，请关掉电源後進行。

WARNING :

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



- 1) 請先卸下挑線連杆銷①上的小螺釘後，將潤滑脂注滿挑線連杆銷①的小孔內。
- 2) 請先拆下針杆連接柱組件後卸下針杆連接柱②上的小螺釘，將潤滑脂注滿針杆連接柱②的小孔內。

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

6. 加油 / LUBRICATION

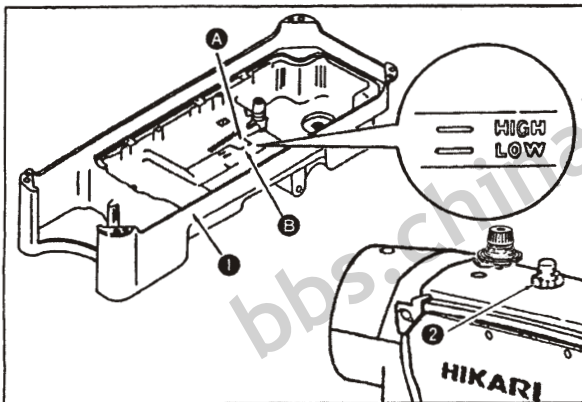


注意

为了防止意外的启动造成的事故，请关掉电源後進行。

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) 請把機油倒進油槽①裡，一直加到 HIGH 標記A的位置。
- 2) 油槽的油面降到 LOW 標記B以下時，請再次補充機油。
- 3) 加油後運轉縫紉機，如果潤滑正常時，可以通過油窗②看到油的流動。
- 4) 油流動量的多少，與油量的多少無關。



新縫紉機或較長時間沒有使用的縫紉機在使用之前，應進行 10 分钟 3,000~3,500 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 3,000 to 3,500 rpm. for about 10 minutes for the purpose of break-in.

7. 關於旋梭部油量（跡）調整方法 /

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



注意

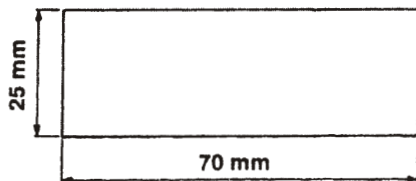
旋梭是以高速运转。為了防止人身事故，調整油量時，請加以充分的注意。

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.

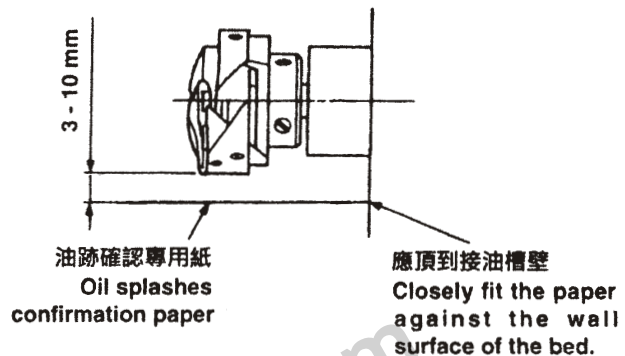
① 油量（跡）確認專用紙

Amount of oil (oil splashes) confirmation paper



② 油量（跡）確認位置

Position to confirm the amount of oil (oil splashes)



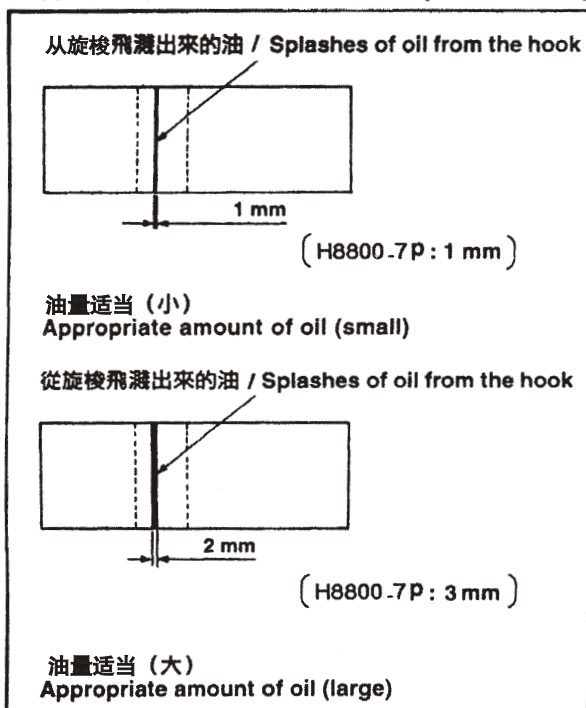
* 進行下列 2) 的作業時，請卸下滑板，同時要充分注意手指不要碰到旋梭。

- 1) 冷機頭時，請進行 3 分鐘左右的空運轉。（適當的斷續運轉）
- 2) 油量（跡）確認專用紙在縫紉機轉動的狀態下插進去。
- 3) 請確認油量的油面高度應在 HIGH 和 LOW 的範圍之內。
- 4) 確認油量（跡）所需要的時間為 5 秒鐘。（應看著表）

* 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.

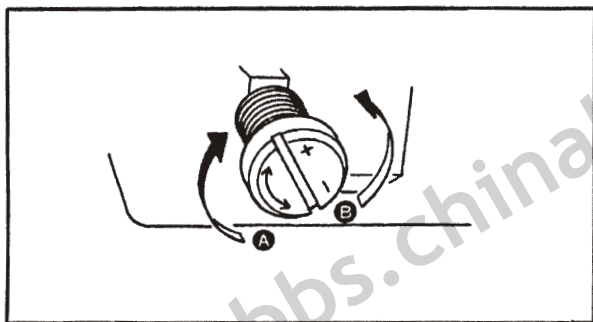
- 1) If the machine has not been sufficiently warmed up for operation, make the machine run idle for approximately three minutes. (Moderate intermittent operation)
- 2) Place the amount of oil (oil splashes) confirmation paper under the hook while the sewing machine is in operation.
- 3) Confirm the 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（油跡）適合標樣 / Sample showing the appropriate amount of oil



- 1) 左圖標樣根據縫製供需需要微調增減，但注意不要過大增加或減少。
(油量過少時，會燒壞旋梭（發熱）。油量過多時，會髒污縫製品。)
 - 2) 油量（油跡）應確認 3 次（3 張）均無變化。
- 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（跡）調整 / Adjusting the amount of oil (oil spots) in the hook



- 1) 把下軸前端金屬部件上的油量調節螺絲向“+”的方向（A 方向）轉動，油量（跡）變多，向“-”的方向（B 方向）轉動，油量（跡）變少。
 - 2) 油量調節螺絲調整後的油跡，應空運轉 30 秒鐘左右進行油量（跡）的確認。
- 1) Turning the oil amount adjustment screw attached on the hook driving shaft front bushing in the “+” direction (in direction A) will increase the amount of oil (oil spots) in the hook, or in the “-” direction (in direction B) will decrease it.
 - 2) After the amount of oil in the hook has been properly adjusted with the oil amount adjustment screw, make the sewing machine run idle for approximately 30 seconds to check the amount of oil in the hook.

8. 機針的安裝 / ATTACHING THE NEEDLE

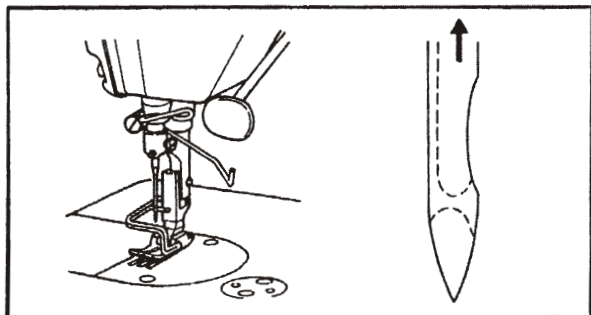


注意

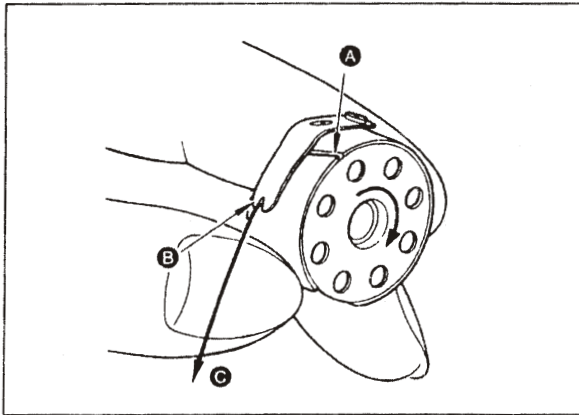
為了防止意外的起動造成的事故，請关掉電源後進行。

WARNING :

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

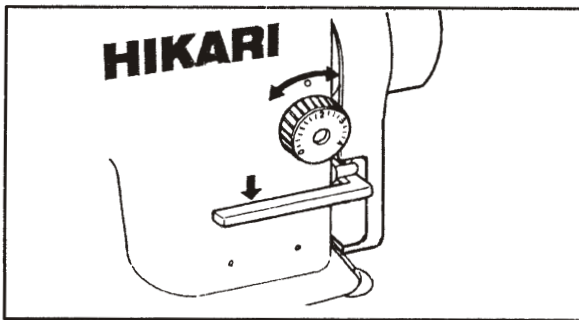


9. 梭心的安裝方法 / SETTING THE BOBBIN INTO THE BOBBIN CASE

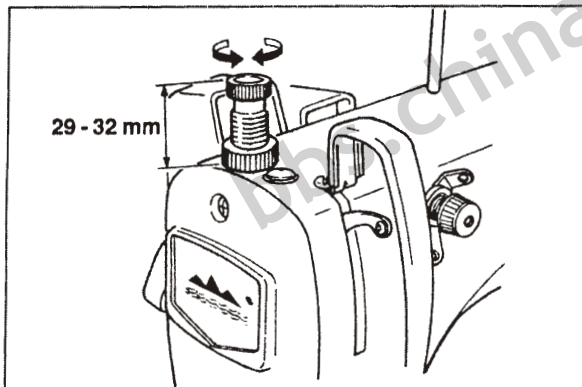


- 1) 把線穿過梭殼的穿線口 **A**，然後把線往 **B** 方向拉，從線張力彈簧下面的穿線口 **B** 拉出來。
 - 2) 拉底線 **C**，確認梭心是否按箭頭方向轉動。
- 1) Pass the thread through thread slit **A**, and pull the thread in direction **B**.
By so doing, the thread will pass under the tension spring and come out from notch **B**.
- 2) Check that the bobbin rotates in the direction of the arrow when thread **C** is pulled.

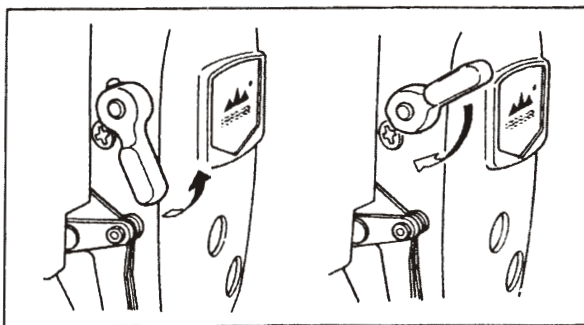
10. 縫跡長度的調節 / ADJUSTING THE STITCH LENGTH



11. 壓腳壓力的調節 / PRESSER FOOT PRESSURE



12. 關於壓腳提昇 / HAND LIFTER



13. 压脚高度的調整 / ADJUSTING THE HEIGHT OF THE PRESSER BAR

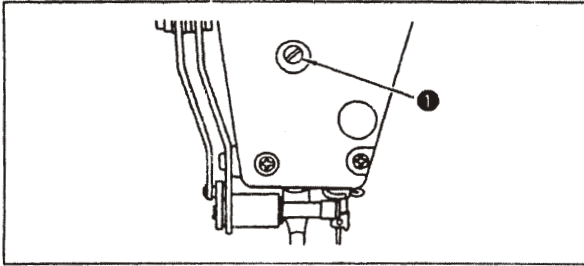


注意

为了防止意外的启动造成的事故，请关掉电源後進行。

WARNING :

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



1) 變更壓腳桿的高度或壓腳的角度時，請擰鬆壓腳桿套管固定螺絲①進行調整。

2) 調整後，擰緊固定螺絲①。

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

2) After adjustment, securely tighten the setscrew ①

14. 上線的穿線方法 / THREADING THE MACHINE HEAD

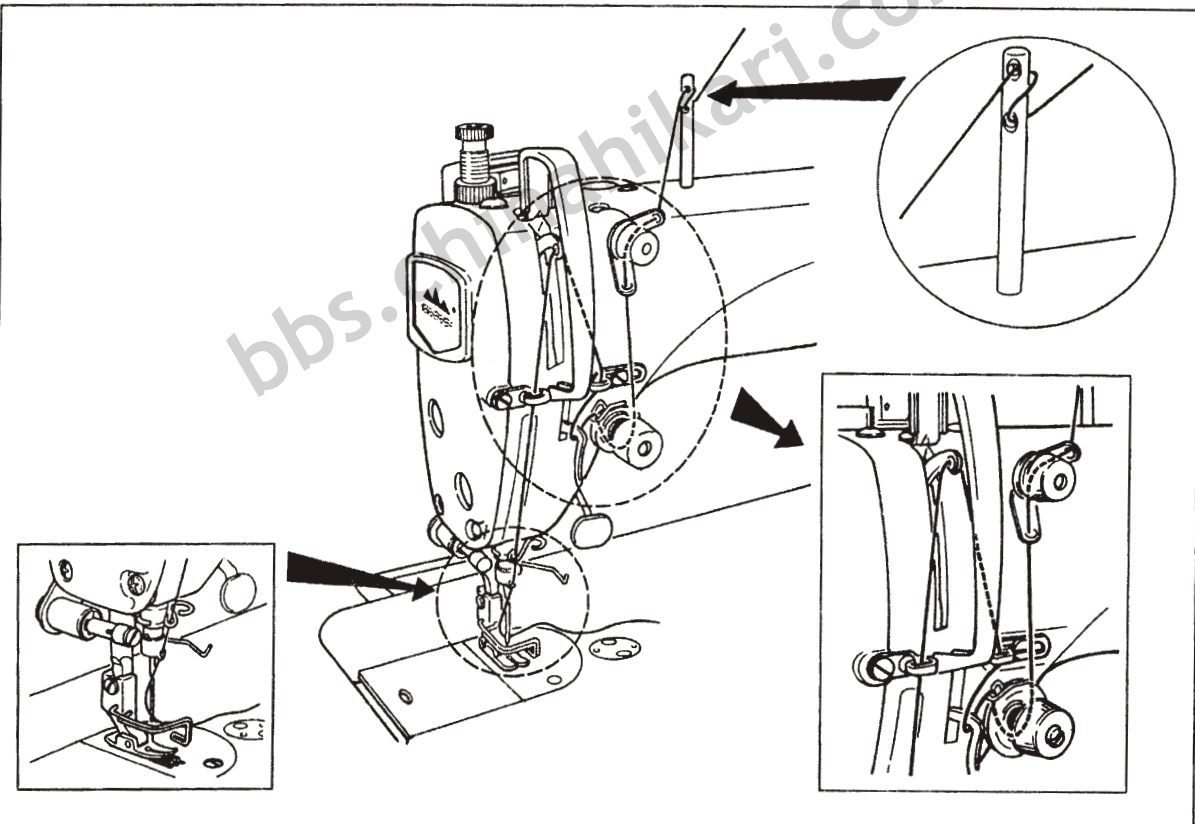


注意

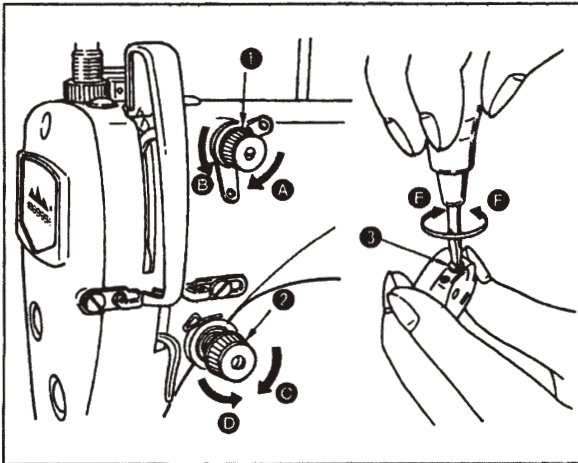
为了防止意外的启动造成的事故，请关掉电源後進行。

WARNING :

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



15. 線張力器 / THREAD TENSION



(1) 上線張力的調整

- 1) 向右(A)的方向轉動第一線張力螺母①，切線後殘留在機針上的線長度變短。
- 2) 向左(B)的方向轉動，則長度變長。
- 3) 向右(C)的方向轉動第二線張力螺母②，上線張力變強。
- 4) 向左(D)的方向轉動，則上線張力變弱。

(2) 底線張力的調整

- 1) 向右(E)的方向轉動線張力螺絲③，底線張力變強。
- 2) 向左(F)的方向轉動線張力螺絲，則底線張力變弱。

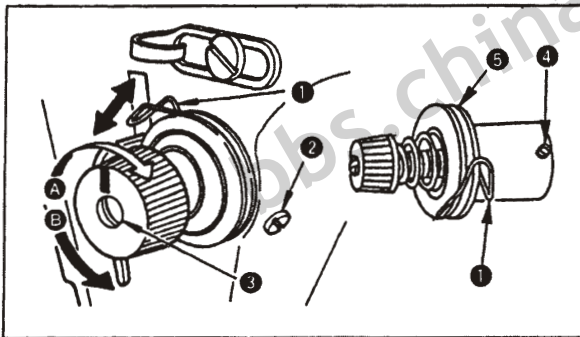
(1) Adjusting the needle thread tension

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

(2) Adjusting the bobbin thread tension

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

16. 挑線彈簧 / THREAD TAKE-UP SPRING



(1) 挑線彈簧①的行程量調整

- 1) 擰鬆線張力台的固定螺絲②。
- 2) 向右(A)的方向轉動線張力桿③，則行程量變大。
- 3) 向左(B)的方向轉動，則行程量變小。

(2) 挑線彈簧①的壓力調整

- 1) 擰鬆固定螺絲②，卸下線張力桿⑤。
- 2) 擰鬆線張力桿固定螺絲④進行調整。
- 3) 向右(A)的方向轉動線張力桿③則壓力變強。
- 4) 向左(B)的方向轉動則壓力變弱。

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

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

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

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

17. 挑線桿挑線量的調整 / ADJUSTING THE THREAD TAKE-UP STROKE

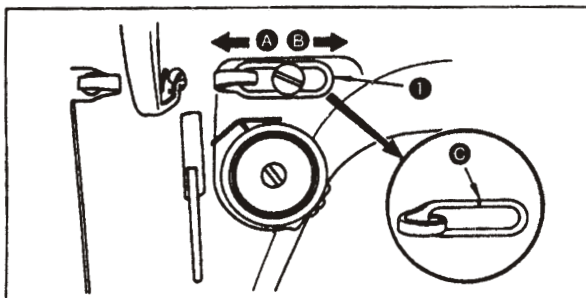


注意

为了防止意外的启动造成的事故，请关掉电源後進行。

WARNING :

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



- 1) 縫製厚料時，向左(A)的方向移動線導向器①，則挑線量變多。
 - 2) 縫製薄料時，向右(B)的方向移動線導向器①，則挑線量變少。
 - 3) 線導向器①在刻線(C)對準螺絲的中心時是標準位置。
- 1) When sewing heavy-weight materials, move thread guide ① to the left (in direction A) to increase the length of thread pulled out by the thread take-up.
 - 2) When sewing light-weight materials, move thread guide ① to the right (in direction B) to decrease the length of thread pulled out by the thread take-up.
 - 3) Normally, thread guide ① is positioned in a way that marker line C is aligned with the center of the screw.

18. 機針與旋梭的關係 / NEEDLE-TO-HOOK RELATIONSHIP

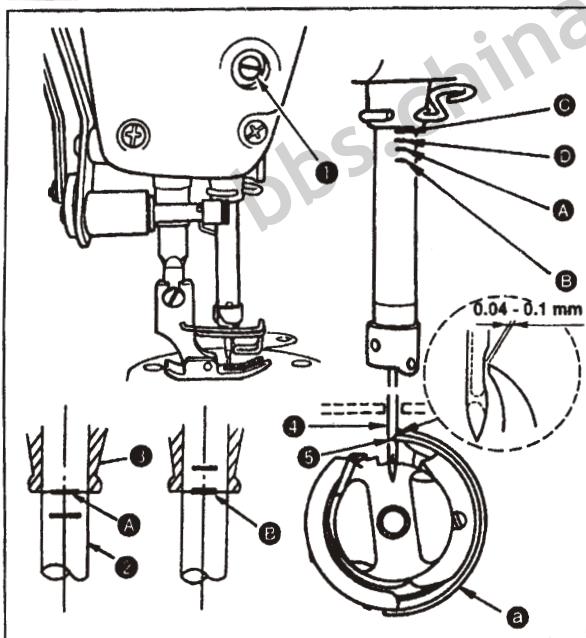


注意

為了防止突然啟動造成人身事故，請關掉電源，確認馬達確實停止轉動後再進行。

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) 請按如下方法調整機針和旋梭。

- 1) 轉動飛輪，讓針桿降到最下點，然後擰鬆針桿套管固定螺絲①。

(決定針桿高度)

- 2) 【DB 針時】
把針桿②的刻線A對準針桿下套筒③的下端，然後擰緊針桿套管固定螺絲①。
- 【DA 針時】
把針桿②的刻線C對準針桿下套筒③的下端，然後擰緊針桿套管固定螺絲①。

(決定旋梭④的安裝位置)

- 3) 【DB 針時】
擰鬆3根旋梭固定螺絲，轉動飛輪在針桿②上昇的方向，把刻線B對準針桿下套筒③的下端。
- 【DA 針時】
擰鬆3根旋梭固定螺絲，轉動飛輪在針桿②上昇的方向，把刻線D對準針桿下套筒③的下端。

- 4) 在此狀態下，讓旋梭尖⑤對準機針④的中心，把機針與旋梭的間隙調整為0.04~0.1 mm (大致)，然後擰緊螺絲。



注意

間隙過小的話，會損傷旋梭尖。間隙過大的話，會跳針。

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

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

(Adjusting the needle bar height)

- 2) (For a DB needle) Align marker line A on needle bar ② with the bottom end of needle bar lower bushing ③, then tighten setscrew ①.

(For a DA needle) Align marker line C on needle bar ② with the bottom end of needle bar lower bushing ③, then tighten setscrew ①.

(Adjusting position of the hook a)

- 3) (For a DB needle) Loosen the three hook setscrews, turn the handwheel and align marker line B on ascending needle bar ② with the bottom end of needle bar lower bushing ③.

(For a DA needle) 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.

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



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.

19. 送布牙的高度 / HEIGHT OF THE FEED DOG

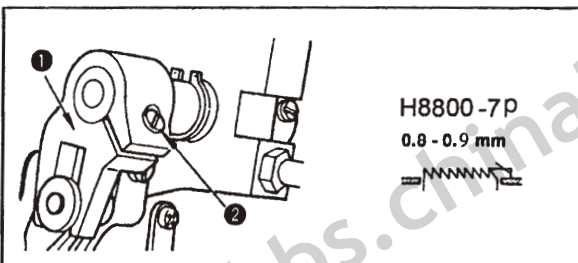


注意

为了防止意外的启动造成的事故，请关掉电源後進行。

WARNING :

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



調節送布牙的高度時

- ① 擰鬆上下送布雙叉①的緊固螺絲②。
- ② 上下移動送布台進行調節。
- ③ 擰緊固定螺絲②。



緊固壓力過弱的话，雙叉部的動作則變得不靈活了。

To adjust the height of the feed dog :

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



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

20. 送布牙的傾斜 / TILT OF THE FEED DOG

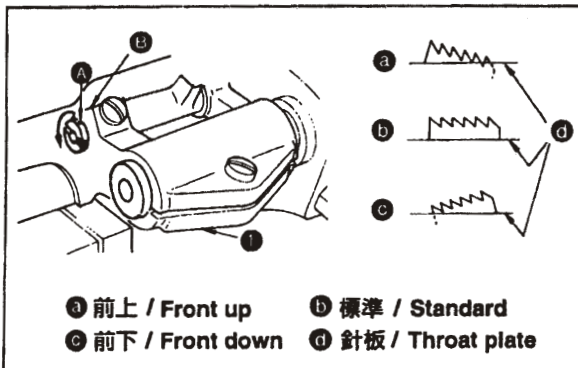


注意

为了防止意外的启动造成的事故，请关掉电源後進行。

WARNING :

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



- 1) 標準傾斜（水平）度是送布台軸的刻點A和送布台曲柄①的B部一致時的位置。
(H8800-7P的標準傾斜是對B部呈90度水平送布面向軸側的位置。)
- 2) 為了防止縫製皺摺，向前抬起送布牙時，請擰鬆固定螺絲，把螺絲刀插入送布台軸，然後沿箭頭方向轉90度。
- 3) 為了減少布的偏斜，向前下降送布牙時，請沿與箭頭方向相反方向轉90度。
(這是H8800-7P的標準位置。)



調節了送布牙之後，送布齒的高度會有變化，請再次確認。

- 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**. (H8800-7P, 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 H8800-7P.)



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

21. 送布相位的調節 / ADJUSTING THE FEED TIMING

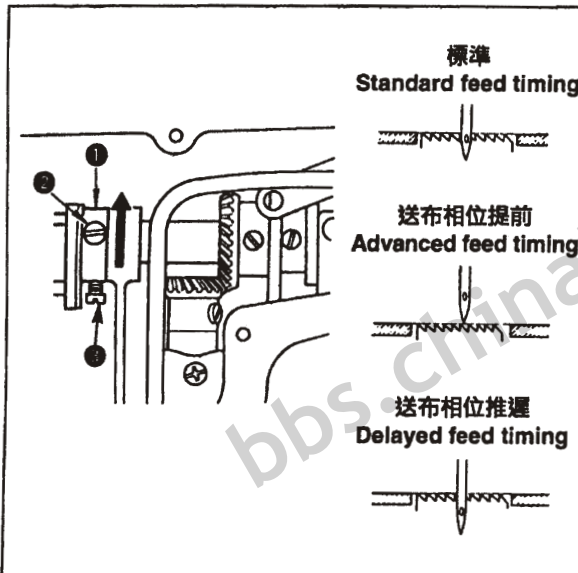


注意

為了防止突然啟動造成人身事故，請关掉電源，確認馬達確實停止轉動再進行。

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) 擰鬆送布偏心凸輪**1**的固定螺絲**2**、**3**，朝箭頭方向或反箭頭方向移動送布偏心凸輪，然後擰緊固定螺絲。
- 2) 標準調節位置是送布牙從針板下落時，送布牙上面與針孔上端對準針板上方的位置。
- 3) 提早送布相位以防止布偏斜時，請向箭頭方向移動送布偏心凸輪。
- 4) 為了良好的緊線而推遲相位時，請逆箭頭方向移動偏心凸輪。



移動距離過大會發生斷針故障。

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



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

22. 固定刀的調整 / ADJUSTING THE COUNTER KNIFE

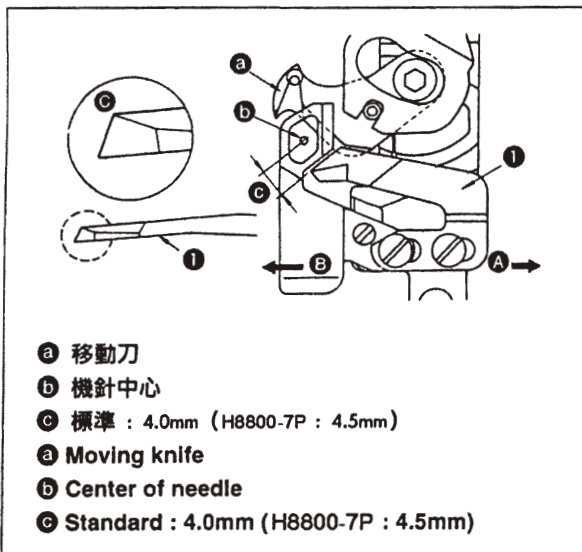


注意

為了防止意外的起動造成的事故，請关掉電源後進行。

WARNING :

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



切刀不快時，請盡早如圖C所示研磨固定刀①，然後正確地安裝好。

- 1) 把固定刀的安裝位置向標準位置的右A方向移動，切線長度比標準位置時長。
- 2) 向左B方向移動切線變短。



注意 研磨固定刀時請注意研磨方法。

When the knife sharpness has deteriorated, resharpen counter knife ① as illustrated in C, and properly reinstall 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.

23. 踏板壓力和行程 / PEDAL PRESSURE AND PEDAL STROKE

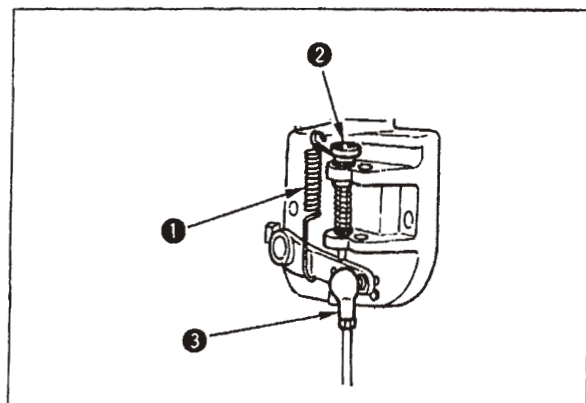


注意

為了防止意外的起動造成的事故，請关掉電源後進行。

WARNING :

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



(1) 踏板踩踏壓力的調整

- 1) 換成前踩踏彈簧①可以調整。
- 2) 把彈簧掛到左側之後，壓力變輕。
- 3) 掛到右側之後變重。

(2) 踏板回踩力的調整

- 1) 用踏板回踩壓力調節彈簧②可以調整。
- 2) 擰緊調節螺絲則壓力變大。
- 3) 擰鬆調節螺絲則壓力變小。

(3) 踏板踩踏行程的調整

- 1) 把連接桿③插到右側的孔裡之後行程變大。

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

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

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

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

(3) Adjusting the pedal stroke

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

24. 踏板的調整 / ADJUSTMENT OF THE PEDAL

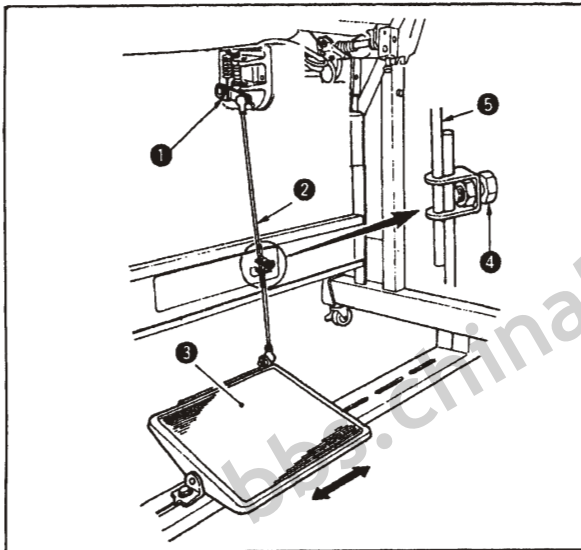


注意

為了防止意外的起動造成的事故，請關掉電源後進行。

WARNING :

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



(1) 連接桿的安裝

- 1) 向箭頭方向移動踏板調節板③，讓踏板撥桿①和連接桿②呈一直線。

(2) 踏板的角度

- 1) 調節連接桿的長度就可以自由地改變踏板的傾斜度
- 2) 擰鬆調節螺絲④，拉出插入連接桿⑤進行調整。

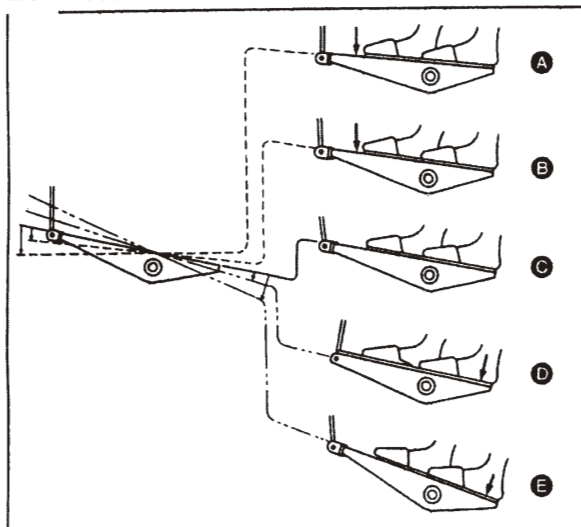
(1) Installing the connecting rod

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

(2) Adjusting the pedal angle

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

25. 踏板操作 / PEDAL OPERATION



(1) 踏板按 4 個階段進行操作。

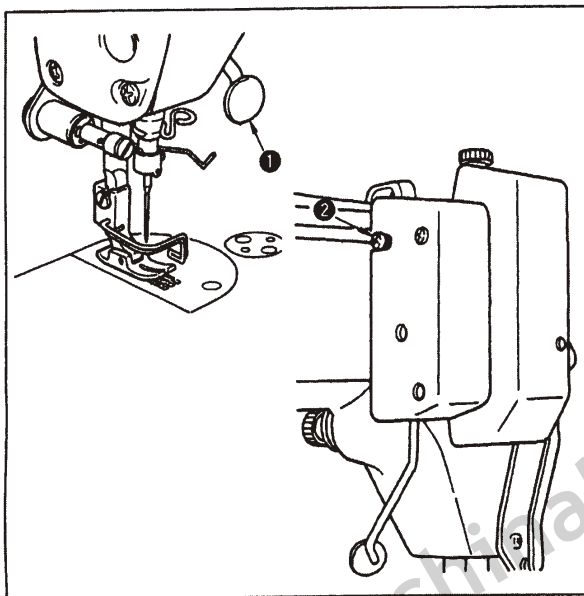
- 1) 向前輕輕踩踏板為低速縫製B。
 - 2) 再用力向前踩踏板則變為高速縫製A。
(但是，開關設定為自動倒縫時，倒縫結束後進行高速縫製)
 - 3) 把踏板返回到腳輕輕地放到踏板上的位置縫紉機停止C。(機針上停止或下停止位置)
 - 4) 用力向後踩踏板則為切線動作E。
- * 使用自動壓腳提昇裝置時，在停止和切線之間增加 1 級開關。向後輕輕地踩踏板為壓腳提昇動作D，再往後用力踩踏板為切線動作。

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

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

26. 觸鍵手動倒縫 /

ONE-TOUCH TYPE REVERSE FEED STITCHING MECHANISM



(1) 使用方法

- 1) 按開關撥桿**①**，縫紉機立即變為倒送，進行倒縫。
- 2) 按下撥桿時，可以進行倒縫。
- 3) 放開撥桿，則立即返回到正縫。



注意

为了防止意外的起动造成的事故，
请关掉电源後進行。

(2) 開關撥桿的高度

- 1) 請把開關撥桿**①**的高度調整到使用方便的位置。
- 2) 擰鬆螺絲**②**，上下移動就可以調整高度。

(1) How to operate

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



WARNING :

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

(2) Height of the switch lever

- 1) Adjust the height of switch lever **①** so that it can be easily operated.
- 2) Loosen screw **②**, move the switch lever up or down to adjust its height.

27. 撥線桿 / WIPER

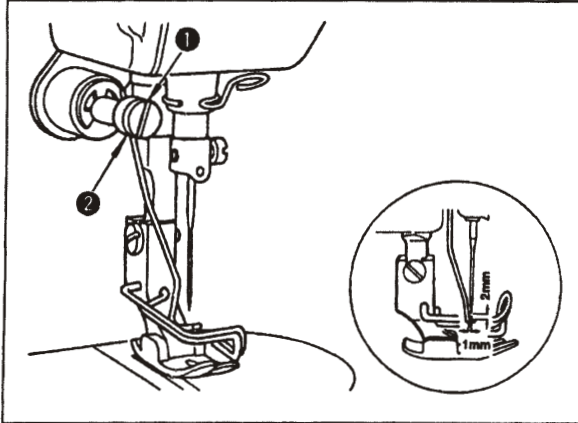


注意

为了防止意外的启动造成的事故，请关掉电源後進行。

WARNING :

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



(1) 撥線桿的位置

調線桿位置根據布料的厚度按下列方法進行調節。

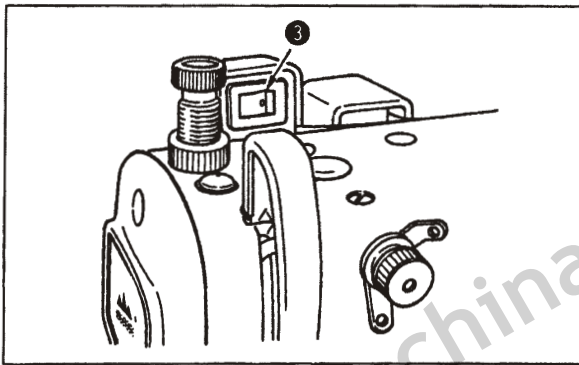
- 1) 用撥線桿環②推撥線桿，然後擰緊固定螺絲①。
把撥線桿的平坦部和機針中心的距離相距1mm。

(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) Adjust the distance between the flat part of the wiper and the center of the needle to 1 mm.
Tighten wiper adjust screw ① so that the wiper is pressed and fixed by wiper collar ② .



- 2) 不使用撥線桿時，請關掉撥線桿開關③。

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

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零件手冊

PARTS BOOK

1. 备注中有標注处分別表示下列機型所用零件：

“#01” – H8800-7P, 高速三自動平縫機,

“#02” – H8800-7P2, 高速二自動平縫機。

备注中未标注部分為通用零件。

There is mark in the note as the following the spare parts that machine model use.

“#01”.....For H8800-7P,High-speed,Lockstitch sewing machine with an automatic thread trimmer and reverse,wiper.

“#02”.....For H8800-7P2,High-speed,Lockstitch sewing machine with an automatic thread trimmer and reverse.

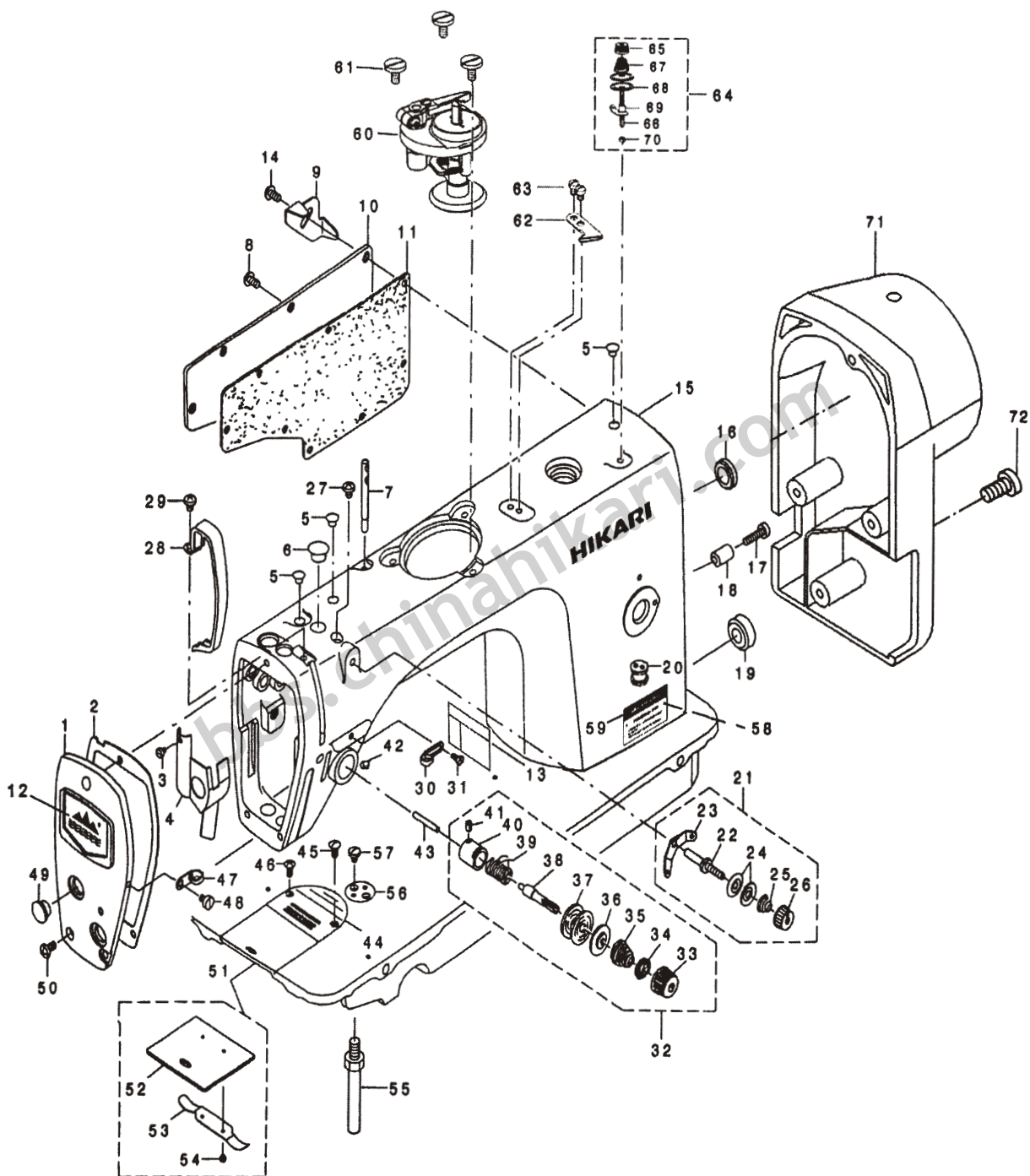
The note inside didn't mark as the in general use spare parts.

2. 選購零件部件時，請注明序號，件號。

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

1.機殻・外装部件

MACHINE FRAME&MISCELLANEOUS COVER COMPONENTS

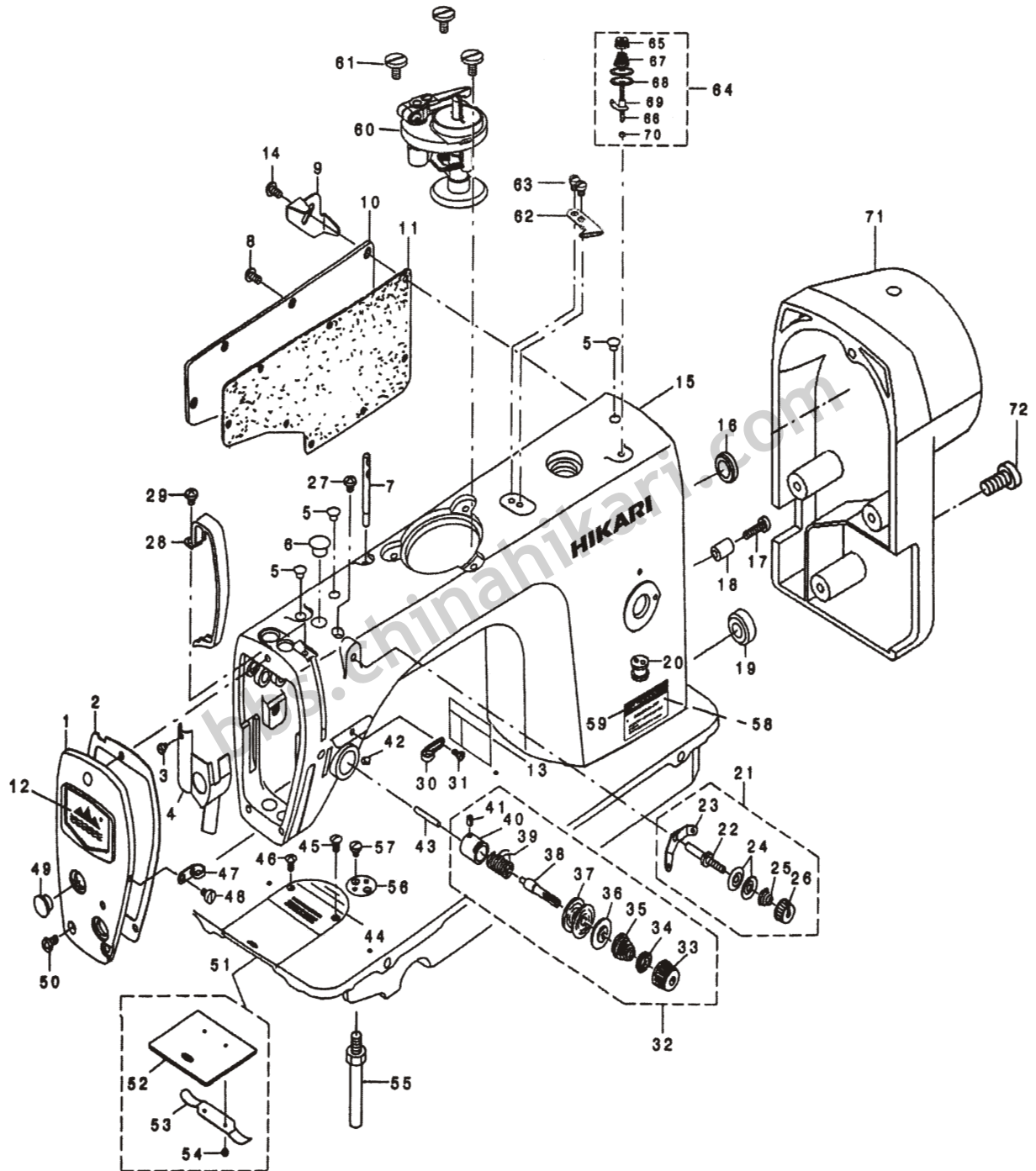


1.机壳·外装部件

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 1/8×44 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 3/16×28 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	101.01-12	面板装饰片	Face plate	1	
13	101.01-13	安全指示牌	Safety label	1	
14	02-412281423-1	后窗板螺钉	Screw 3/16×28 L=14	3	
15	102.01-15-P	机壳	Machine cover	1	
16	102.01-16	送料调节器孔塞	Rubber plug	1	
17	02-512281821-1	倒缝限位套紧固螺钉	Screw 3/16×28 L=18	1	
18	102.01-18	倒缝限位套	Reverse feed lever stopper	1	
19	102.01-19	下轴盲孔塞	Rubber plug	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 3/16×28 L=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 3/16×28 L=6	1	
30	102.01-30	右线钩	Arm thread guide Right	1	
31	02-611400621-1	右线钩螺钉	Screw 11/64×40 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	101.01-35	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 9/64×40 L=5.5	1	
42	02-815280711-1	夹线器螺钉	Screw 15/64×28 L=7	1	
43	101.01-43	松线钉	Tension releasing	1	
44	102.01-44	针板	Throat plate	1	
45	02-211400621-1	针板螺钉	Screw 11/64×40 L=6	1	
46	02-211400623-1	针板螺钉	Screw 11/64×40 L=6	1	

1.機殻・外装部件

MACHINE FRAME&MISCELLANEOUS COVER COMPONENTS

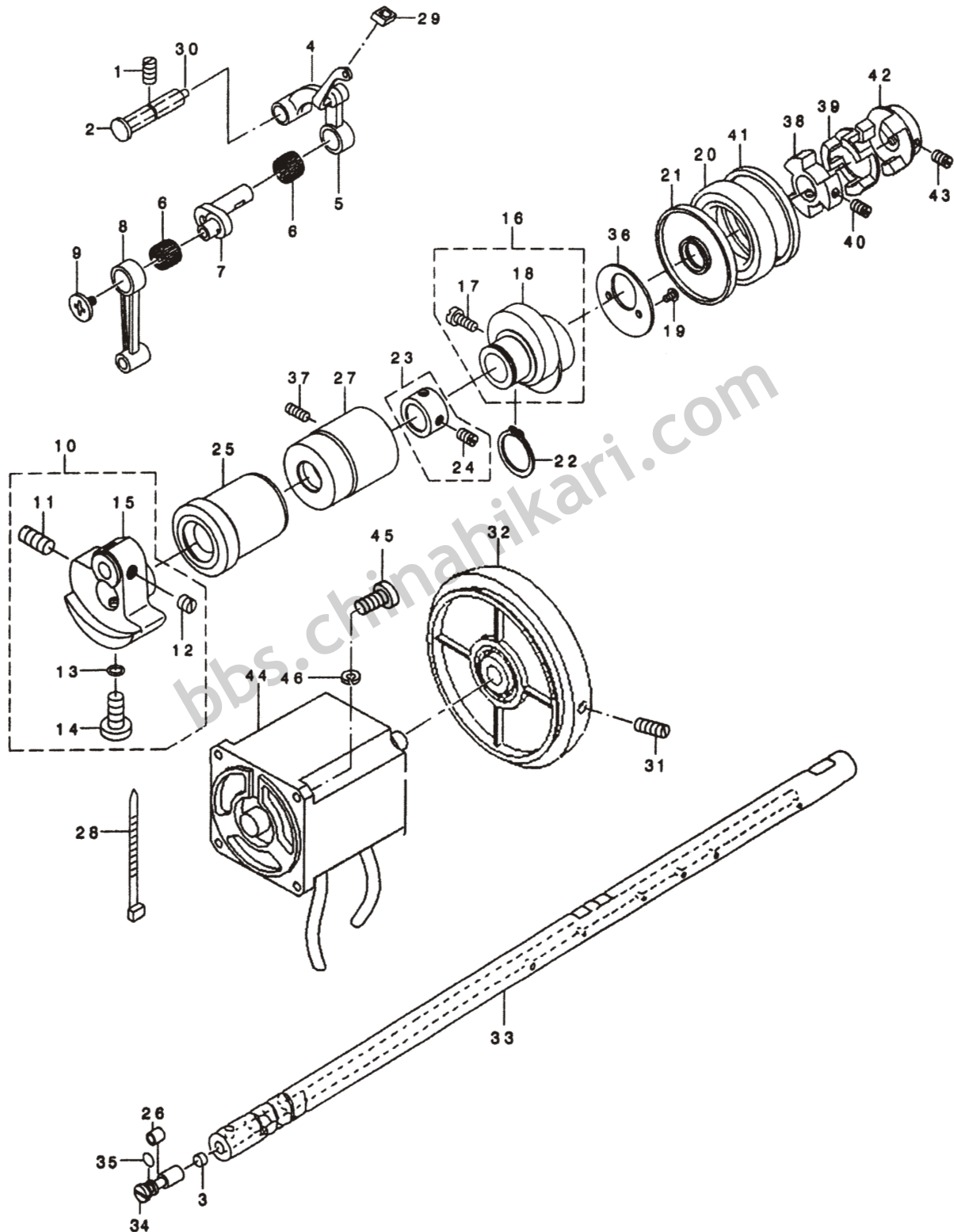


1.机壳・外装部件

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 11/64×40 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 3/16×28 L=9	3	
51	101.01-51	推板部件	Slide plate asm.	1	
52	101.01-52	推板	Slide plate	1	
53	101.01-53	推板簧	Bed slide spring	1	
54	02-606560221-3	推板簧螺钉	Screw 3/32×56 L=2.2	2	
55	102.01-55	底板支柱	Bed screw stud	4	
56	101.01-61	夹边器	Ruler stopper	1	
57	02-911400611-1	夹边器螺钉	Screw 11/64×40 L=6	2	
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	绕线器组件	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	电机带罩	Motor cover	1	
72	102.11-35	电机罩紧固螺钉	Screw	3	

2. 上軸・挑綫部件

MAIN SHAFT&THREAD-UP LEVER COMPONENTS

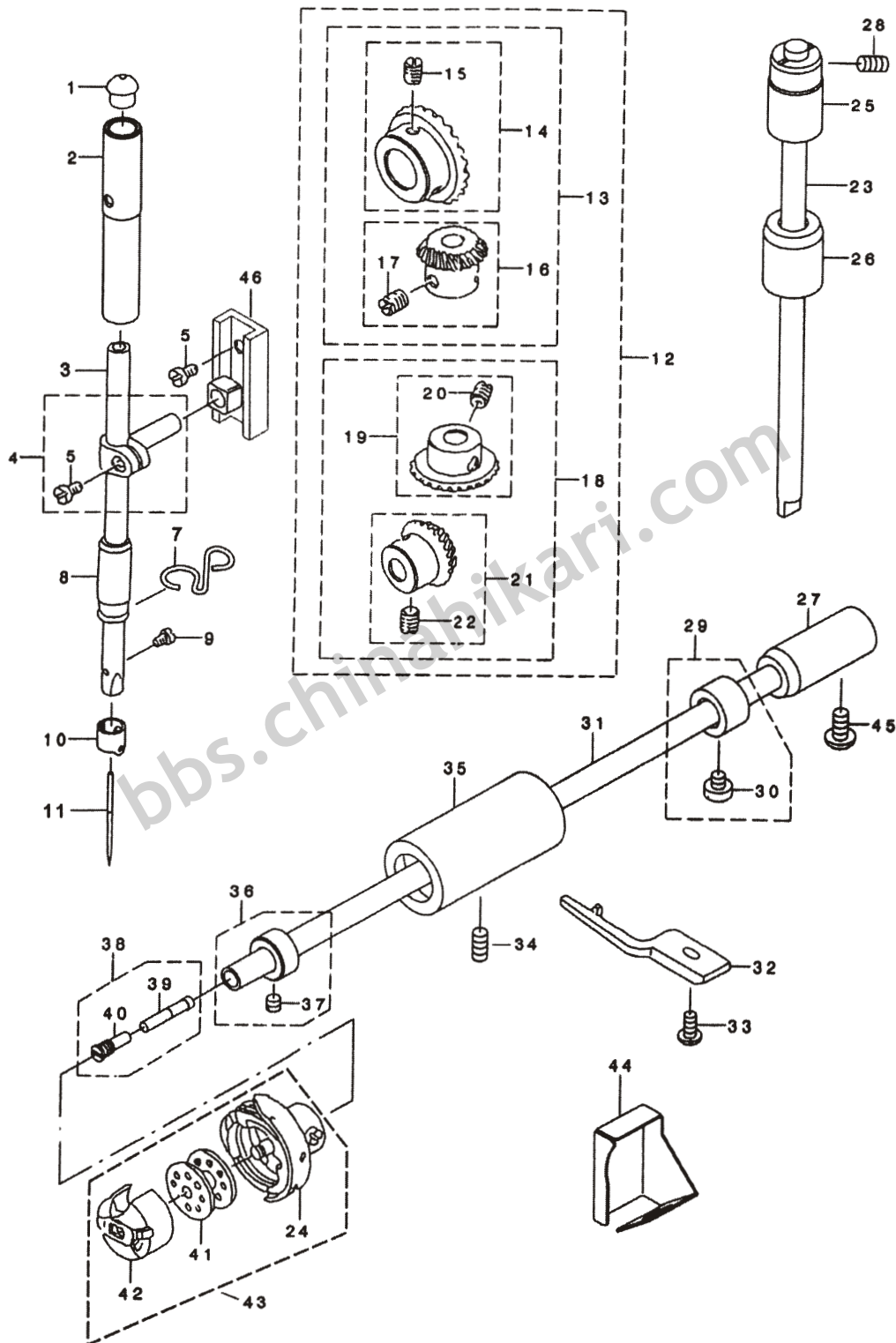


2. 上轴・挑线部件

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 15/64×28 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	Thread 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 9/64×40 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 9/32×28 L=16	1	
12	02-816400611-1	挑线曲柄定位螺钉	Screw 1/4×40 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 9/32×28 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 1/4×40 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 9/64×40 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	抬牙连杆轴挡圈	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 1/4×40 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 15/64×28 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	连轴器 (A)	Connect block A	1	
39	102.02-45	连轴器橡胶圈	Connect rubber A	1	
40	102.02-46	连轴器螺钉	Screw	3	
41	102.02-47	轴承垫	Needle bearing plate	1	
42	102.02-48	连轴器 (B)	Connect block B	1	
43	102.02-49	连轴器 (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	

3. 針杆・豎軸・下軸部件

NEEDLE BAR, UPRIGHT SHAFT&HOOK DRIVING SHAFT COMPONENTS

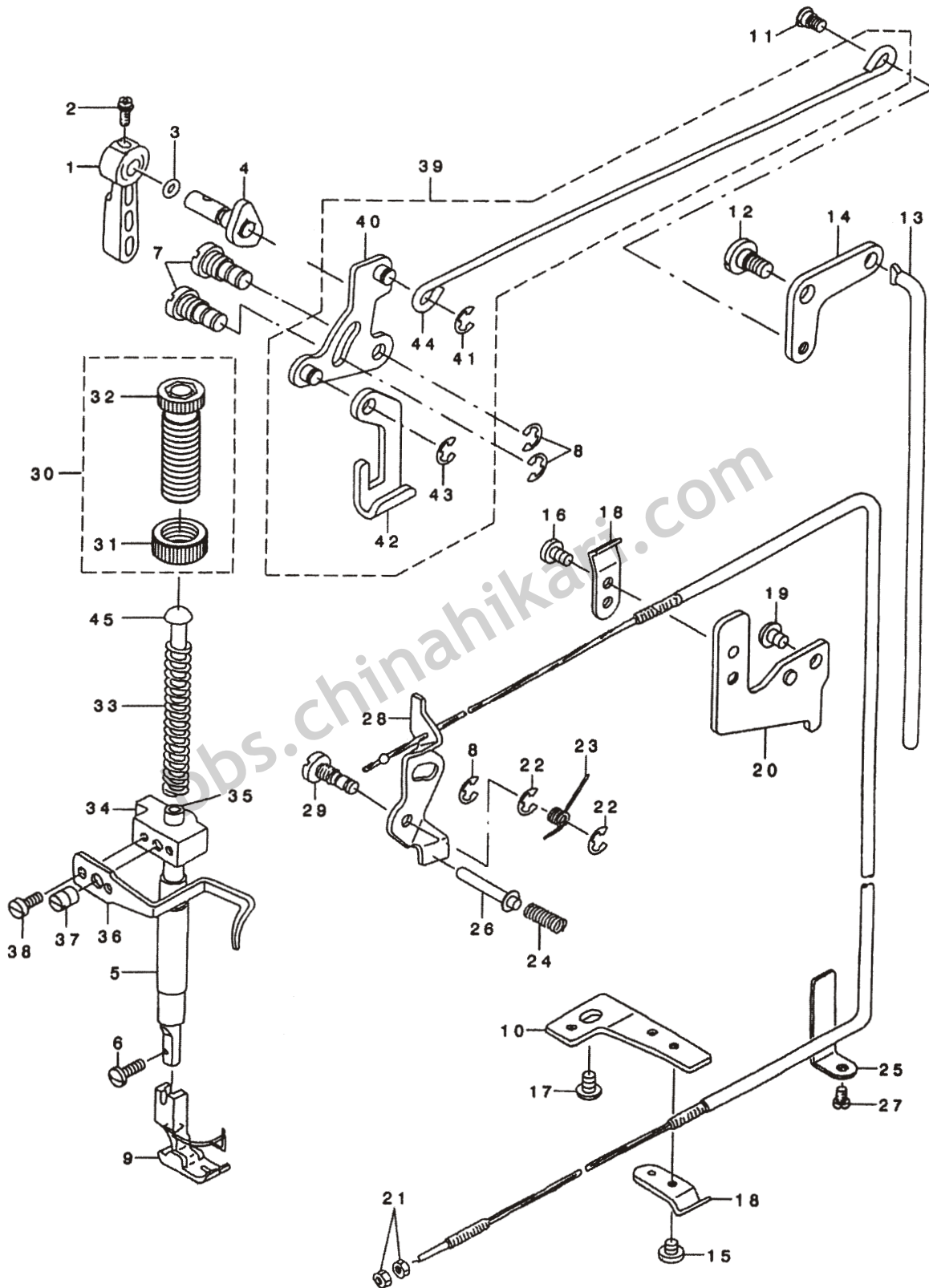


3. 针杆・竖轴・下轴部件

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 9/64×40 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 1/8×44 L=4.8	1	
10	102.03-10	针杆线钩	Needle bar thread guide	1	
11	101.03-11	机针	Needle DB×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 1/4×40 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 1/4×40 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 1/4×40 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 1/4×40 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 3/16×28 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 11/64×40 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 11/64×40 L=9.5	1	
34	02-812280711-1	下轴前轴套螺钉	Screw 3/16×28 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 11/64×40 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 scrwe	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	
44	101.03-44	挡油罩	Oil shield	1	
45	02-612281311-1	下轴后轴套螺钉	Screw 3/16×28 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

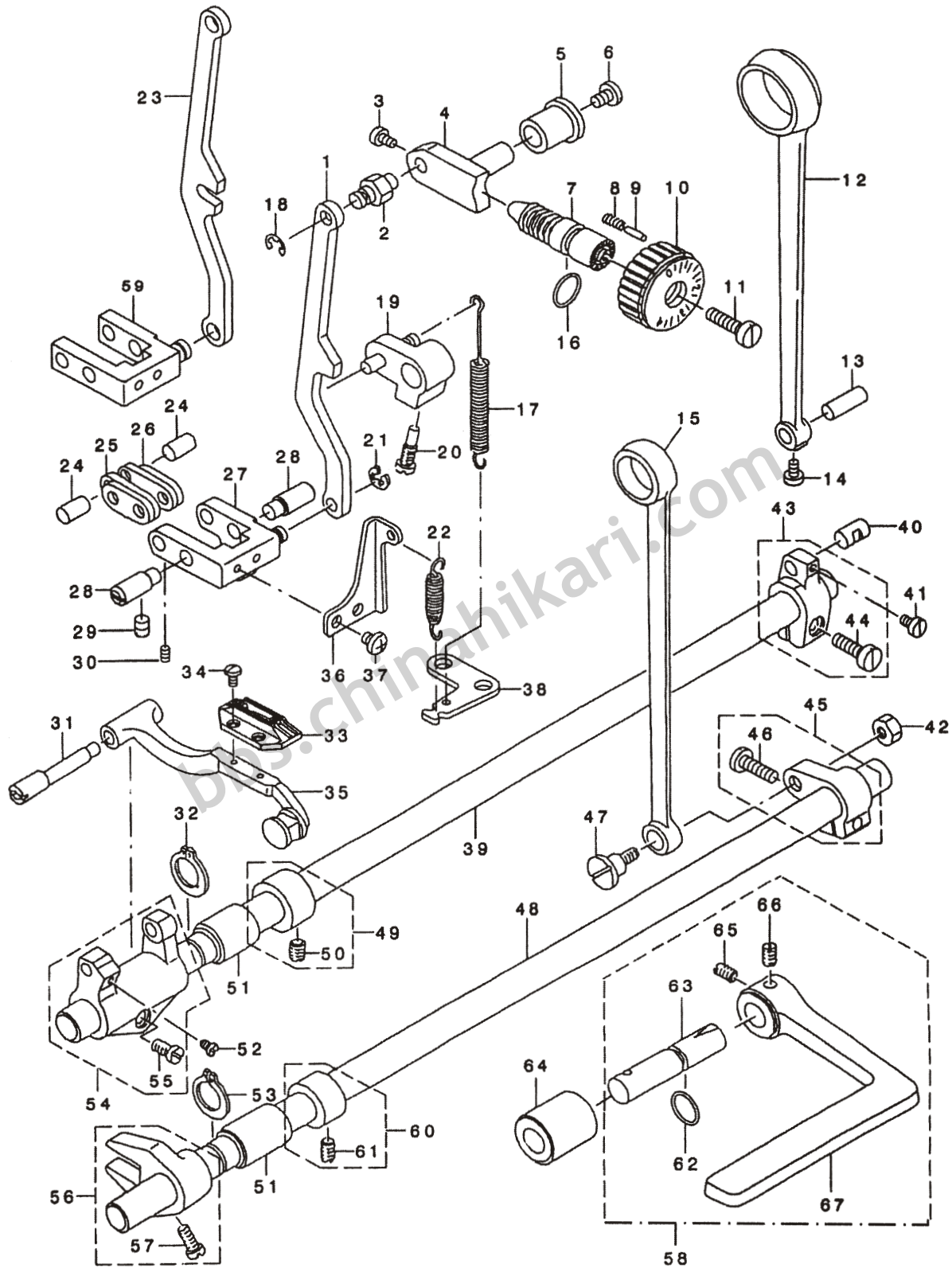


4. 压杆部件

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 9/64×40 L=10	1	
3	101.04-03	压脚板手轴 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 9/64×40 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	活压脚压杆螺钉	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 11/64×40 L=5	1	
16	02-411400521-1	上压板紧固螺钉	Screw 11/64×40 L=5	1	
17	02-515281521-1	下压板组件紧固螺钉	Screw 15/64×28 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 3/16×28 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 3/16×32	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	松线辅钉弹簧	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 3/16×28 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	
35	102.04-36	缓线调节钩	Presser bar thread guide	1	
36	02-816400811-1	压杆导架螺钉	Screw 1/4×40 L=8	1	
37	02-509400821-1	缓线调节钩螺钉	Screw 9/64×40 L=8	2	
38	102.04-39	前杠杆组件	Knee lifting cross rod asm	1	
39	102.04-40	调压脚前杠杆部件	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	

5. 送料部件

FEED MECHANISM COMPONENTS

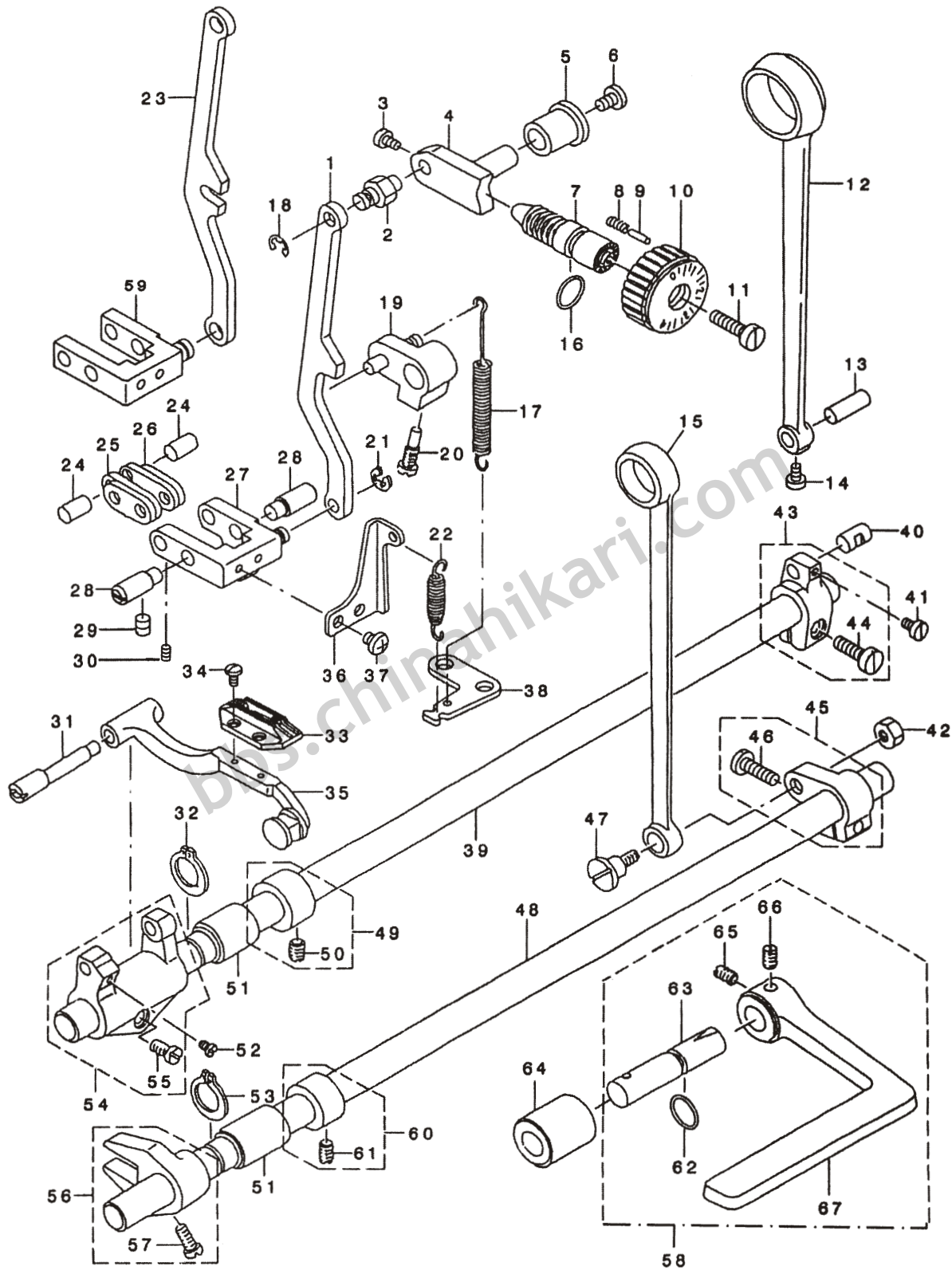


5. 送料部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	102.05-01	倒送料连杆	Feed adjust rod	1	#01,#03
2	102.05-02	倒送料连杆销	Feed regulator pin	1	
3	02-509400621-1	连杆销螺钉	Screw 9/64×40 L=6	2	
4	101.05-04	送料调节器	Feed regulator	1	
5	101.05-05	送料调节器轴套	Feed regulator bushing	1	
6	02-312280721-1	送料调节器紧固螺钉	Screw 3/16×28 L=7	1	
7	102.05-07	送料调节螺栓	Feed regulator screw	1	
8	102.05-08	送料距锁合簧	Spring	1	
9	102.05-09	送料距锁合销	Feed adjust pin	1	
10	102.05-10	送料距旋钮	Feed dial	1	
11	02-512281821-1	送料距旋钮螺钉	Screw 3/16×28 L=18	1	
12	102.05-12	送料连杆	Rocker shaft connecting rod	1	#02
13	102.05-13	送料连杆销	Walking foot long pin	1	
14	02-809400424-1	送料连杆销螺钉	Screw 9/64×40 L=4	1	
15	102.05-15	抬牙连杆	Connecting rod	1	
16	102.05-16	送料调节螺栓 O 型圈	Rubber ring	1	
17	102.05-17	摆动板复位簧	Feed reverse spring	1	
18	101.05-18	倒送料连杆销挡圈	E-ring 5	1	
19	102.05-19	倒送料曲柄组件	Feed reverse arm asm.	1	
20	102.05-20	倒送料曲柄螺钉	Screw	1	
21	101.05-21	倒送料连杆挡圈	E-ring 5	1	
22	102.05-22	倒送料拉簧	Spring	1	
23	101.05-23	倒送料连杆	Feed regulator conncting rod	1	
24	102.05-24	短摆动板连接销	Walking foot short pin	2	
25	102.05-25	送料长摆动板	Connecting link long pin	2	
26	102.05-26	送料短摆动板	Connecting link short pin	2	
27	102.05-27	送料摆动板座组件	Feed adjust link asm.	1	
28	102.05-28	送料摆动板座左右销	Adjusting link fulcrum shaft	2	
29	02-815280711-1	左右销螺钉	Screw 15/64×28 L=7	2	
30	02-809400424-1	连杆销螺钉	Screw 9/64×40 L=4	2	
31	102.05-31	牙架销	Feed bar shaft	1	
32	102.05-32	送料轴轴用挡圈	Retaining ring	1	
33	101.05-33	送料牙	Feed dog I	1	
34	02-608440621-1	送料牙螺钉	Screw 1/8×44 L=6	2	
35	102.05-35	牙架部件	Feed bar asm.	1	
36	101.05-36	摆动板复位板	Adjusting link spring guide	1	
37	02-411400523-1	复位板紧固螺钉	Screw 11/64×40 L=5	2	
38	102.05-38	拉簧固定板	Feed spring hood	1	
39	102.05-39	送料轴	Feek rocker shaft	1	
40	102.05-40	送料曲柄销	Walking foot middle pin	1	
41	02-509400621-1	曲柄销螺钉	Screw 9/64×40 L=6	1	
42	04-618280400-1	抬牙连杆轴位螺母	Nut 9/32×28	1	
43	101.05-43	送料曲柄组件	Feed rocker shaft crank asm.	1	
44	02-412281621-1	送料曲柄螺钉	Screw 3/16×28 L=15.5	1	
45	102.05-45	抬牙后曲柄组件	Lifting rocker asm.	1	
46	02-412281421-1	抬牙后曲柄螺钉	Screw 3/16×28 L=14	1	

5. 送料部件

FEED MECHANISM COMPONENTS

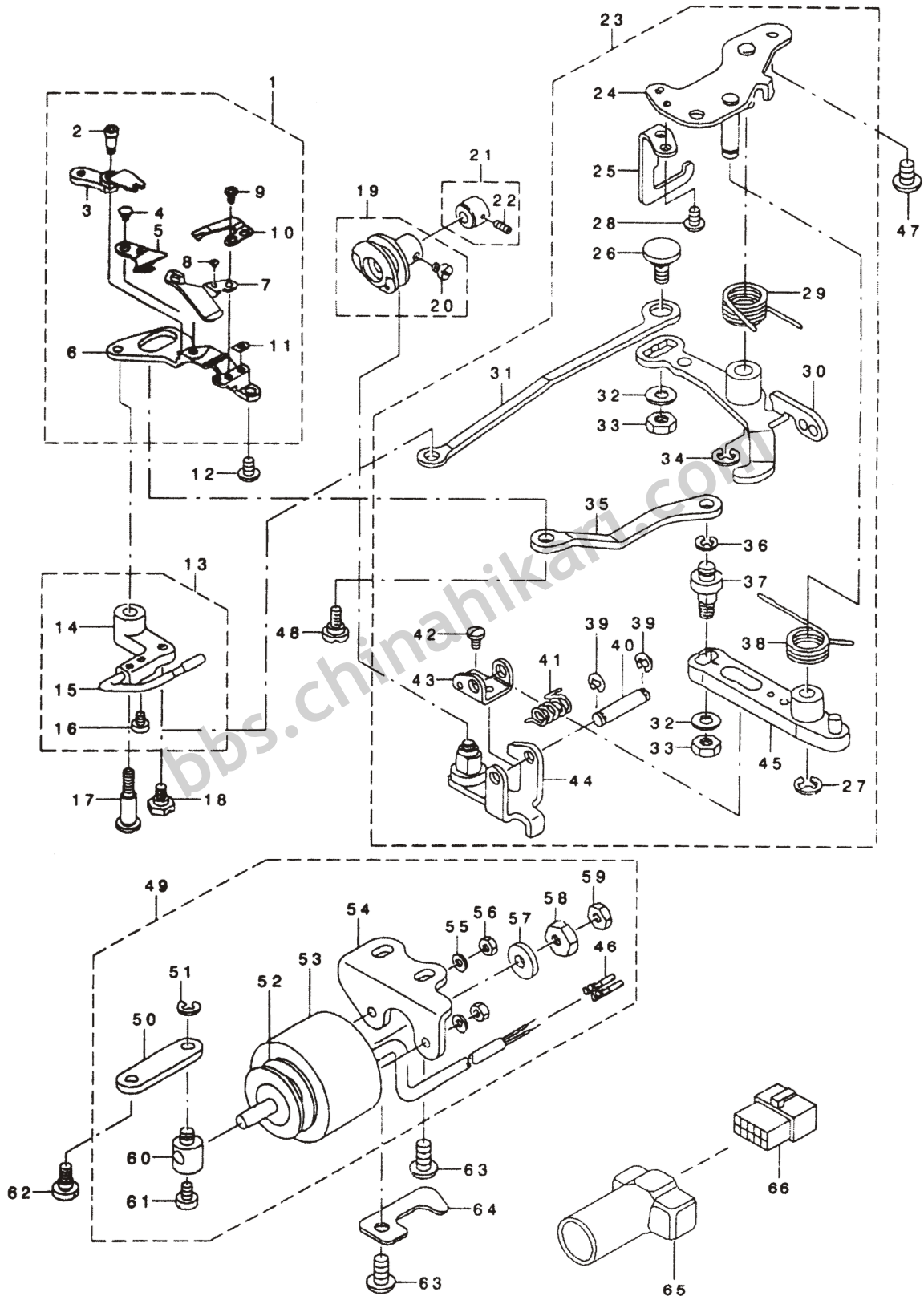


5. 送料部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
47	102.05-47	抬牙连杆轴位螺钉	Hinge screw	1	
48	102.05-48	抬牙轴	Feed driving shaft	1	
49	102.05-49	抬牙轴挡圈组件	Thrust collar asm.	1	
50	02-816400611-1	送料轴挡圈螺钉	Screw 1/4×40 L=6	2	
51	102.05-51	送料轴前轴套	Feed rocker shaft bushing	2	
52	02-411400721-1	牙架销螺钉	Screw 11/64×40 L=7	1	
53	102.05-54	抬牙轴轴用挡圈	Retaining ring	1	
54	102.05-55	牙架座组件	Feed bar crank asm.	1	
55	02-412281421-1	牙架座螺钉	Screw 3/16×28 L=14	1	
56	102.05-57	抬牙叉曲柄组件	Driving shaft crank asm.	1	
57	02-511401121-1	抬牙叉曲柄螺钉	Screw 11/64×40 L=10.5	1	
58	102.05-59	倒送料扳手组件	Reverse feed control lever asm.	1	
59	101.05-60	送料摆动板座	Walking foot adjusting link	1	#02
60	102.05-61	抬牙轴挡圈	Thrust collar asm.	1	
61	02-816400611-1	抬牙轴挡圈螺钉	Screw 1/4×40 L=6	2	
62	102.05-63	倒送料轴 O 型圈	Rubber ring	1	
63	102.05-64	倒送料轴	Feed reverse shaft	1	
64	102.05-65	倒送料轴轴套	Feed lever metal	1	
65	02-816400911-1	倒送料扳手螺钉	Screw 1/4×40 L=8.5	1	
66	02-816401041-1	倒送料扳手定位螺钉	Screw 1/4×40 L=10	1	
67	102.05-68	倒送料扳手	Reverse feed control lever	1	

6. 自動切綫部件

THREAD TRIMMER COMPONENTS

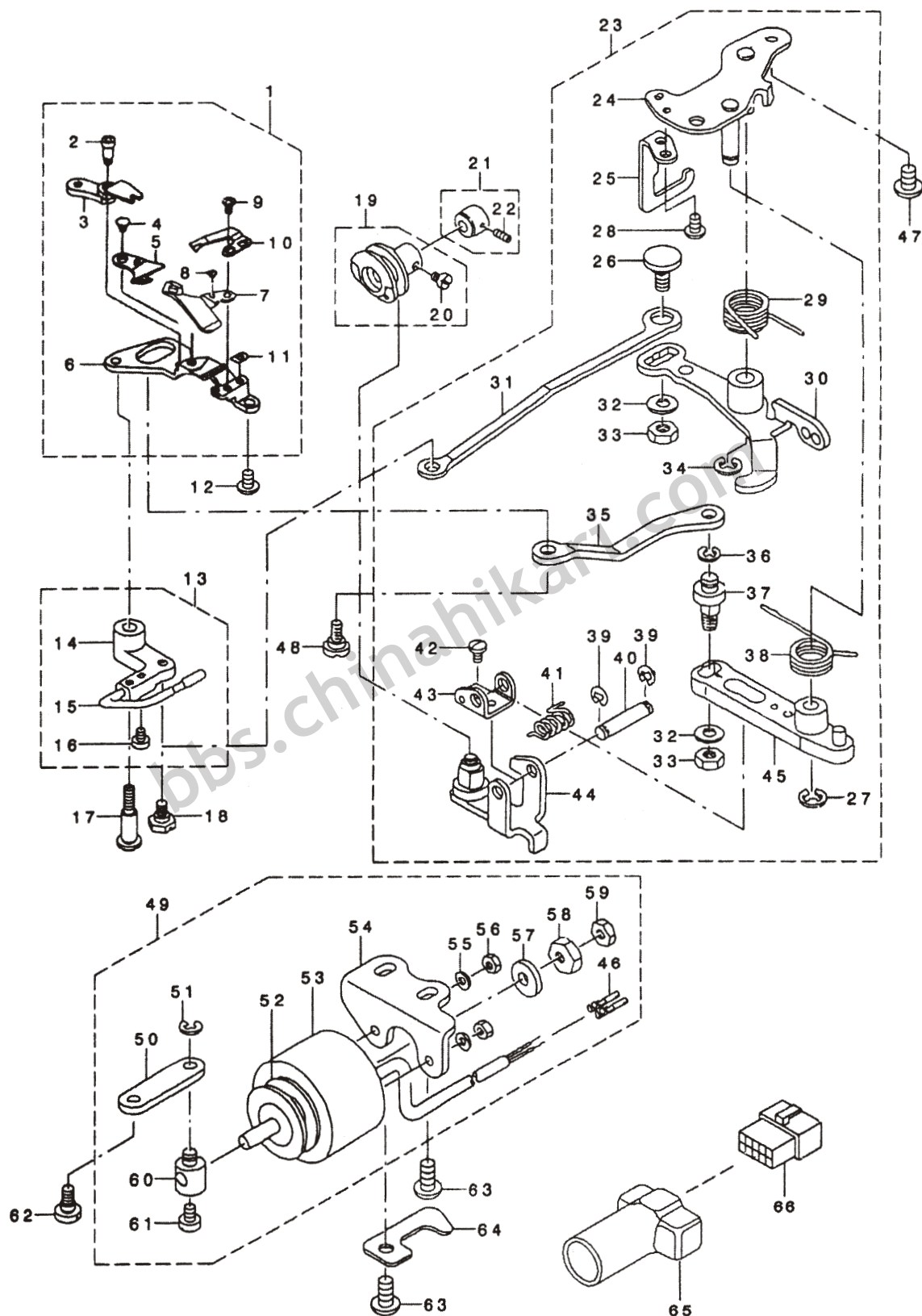


6. 自动切线部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	101.13-02	剪线刀组件	knife unit	1	
2	101.13-10	轴位螺钉	Hinge screw D=4.6 H=7	1	
3	101.13-07	活动刀曲柄	Knife branch	1	
4	101.13-08	轴位螺钉	Hinge screw D=5 H=1.25	1	
5	101.13-03	活动刀	Moving knife j asm.	1	
6	101.13-04	刀架	Knife mount base	1	
7	101.01-06	导线片	Knife thread guide	1	
8	02-206560321-1	螺钉 3/32×56 L=2.3	Screw 3/32×56 L=2.3	1	
9	101.13-12	螺钉 1/8×44 L=6	Screw 1/8×44 L=6	2	
10	101.13-05	固定刀	Fix knife	1	
11	101.13-09	调节轴	Counter knife spacer	1	
12	02-611401021-1	刀位紧固螺钉	Screw 11/64×40 L=10	1	
13	101.06-13	挡线器组件	Picker arm asm	1	
14	101.06-14	挡线夹头	Picker arm.	1	
15	101.06-15	挡线器部件	Thread take -up picker asm	1	
16	02-409400523-1	挡线器紧固螺钉	Screw 9/64×40 L=5	2	
17	101.06-17	挡线夹头紧固螺钉	Hinge screw	1	
18	101.06-18	挡线拉杆轴位螺钉	Hinge screw	1	
19	101.06-19	剪线凸轮组件	Thread trimmer cam asm	1	
20	02-916400611-1	剪线凸轮紧固螺钉	Screw 1/4×40 L=6	2	
21	101.06-21	凸轮挡圈组件	Cam collar asm.	1	
22	02-811400511-1	挡圈紧固螺钉	Screw 11/64×40 L=4.5	1	
23	101.06-23	剪线驱动部件	Thread trimmer driving unit	1	
24	101.06-24	剪线驱动座	Base plate asm	1	
25	101.06-25	剪线保护板	Driving arm stoppe	1	
26	101.06-26	挡线拉杆轴位螺钉	Picker link pin	1	
27	101.06-27	剪线曲柄挡圈	E-ring 6	1	
28	02-611400621-1	保护板螺钉	Screw 11/64×40 L=6	2	
29	101.06-29	离合板复位簧	Clutch spring	1	
30	101.06-30	剪线离合架组件	Clutch plate asm	1	
31	101.06-31	挡线拉杆	Picker link	1	
32	101.06-32	垫片	Washer	2	
33	101.06-33	螺母	Nut	2	
34	101.06-34	离合架挡圈	E-ring 6	1	
35	101.06-35	动刀拉杆	Moving knife link	1	
36	101.06-36	连接销挡圈	E-ring 5	1	
37	101.06-37	动刀拉杆连接销	Moving knife link pin	1	
38	101.06-38	剪线曲柄复位簧	Knife return spring	1	
39	101.06-39	滚柱架销挡圈	E-ring 4	2	
40	101.06-40	滚柱架销	Roller fulcrum shaft	1	
41	101.06-41	滚柱架复位簧	Roller fulcrum spring	1	
42	02-409400623-1	支承架紧固螺钉	Screw 9/64×40 L=6	1	
43	101.06-43	支承架	Roller arm bracker	1	
44	101.06-44	滚柱架组件	Roller arm asm.	1	
45	101.06-45	剪线曲柄组件	Knife driving arm asm.	1	
46	101.06-46	导线插针	Pin contact	2	

6. 自動切綫部件

THREAD TRIMMER COMPONENTS

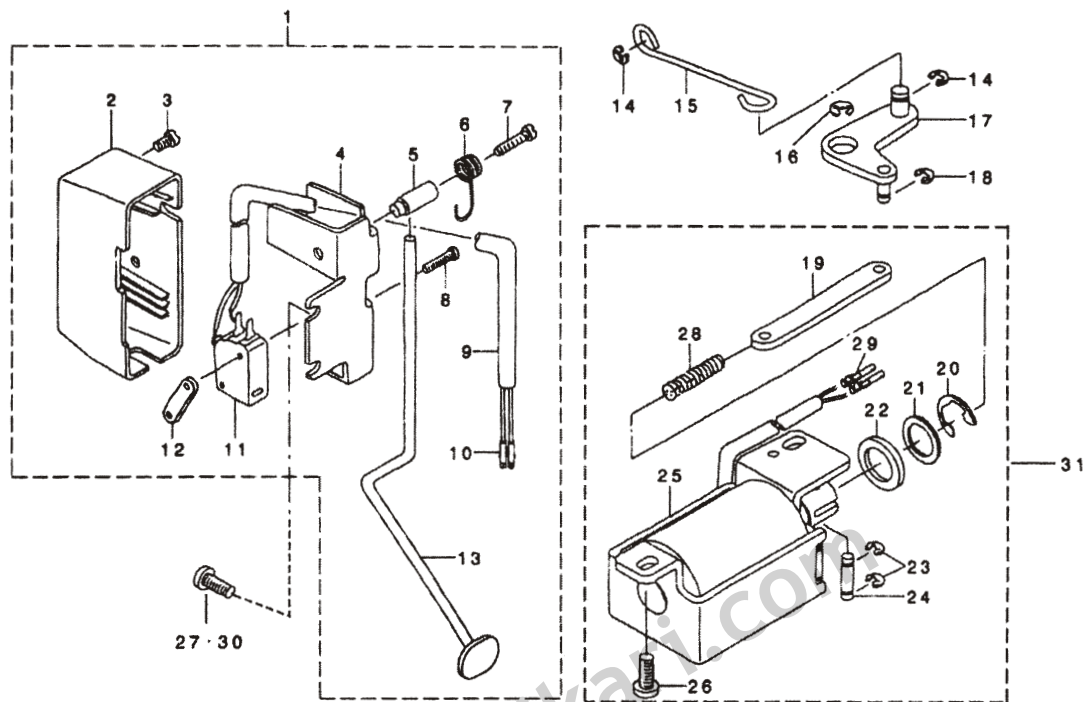


6. 自动切线部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
47	02-415280923-1	驱动架紧固螺钉	Screw 15/64×28 L=9	2	
48	101.06-48	动刀驱动轴位连接螺钉	Hinge screw	1	
49	101.06-49	电磁剪线组件	Solenoid unit	1	
50	101.06-50	剪线电磁铁拉板	Clutch link	1	
51	101.06-51	夹头挡圈	E-ring 5	1	
52	101.06-52	电磁铁芯组件	Solenoid rubber	1	
53	101.06-53	电磁铁线圈组件	Thread trimmer solenoid	1	
54	101.06-54	电磁铁支架座	Solenoid base	1	
55	101.06-55	支架垫圈	Washer	2	
56	101.06-56	支架紧固螺母	Nut M4	2	
57	101.06-57	铁芯橡胶垫	Solenoid rubber	1	
58	101.06-58	铁芯调节螺母	Nut	1	
59	101.06-59	铁芯紧固螺母	Nut 1/4×40	1	
60	101.06-60	铁芯夹头	Solenoid pin	1	
61	02-411400723-1	夹头紧固螺钉	Screw 11/64×40 L=7	1	
62	101.06-62	离合器拉杆轴位螺钉	Hinge screw	1	
63	02-415281223-1	支架座紧固螺钉	Screw 15/64×28 L=12	2	
64	101.06-64	电磁铁导线压板	Tube holder, lower	1	
65	101.06-65	插头座防护罩	Housing rubber	1	
66	101.06-11	插头座	Housing 14P	1	

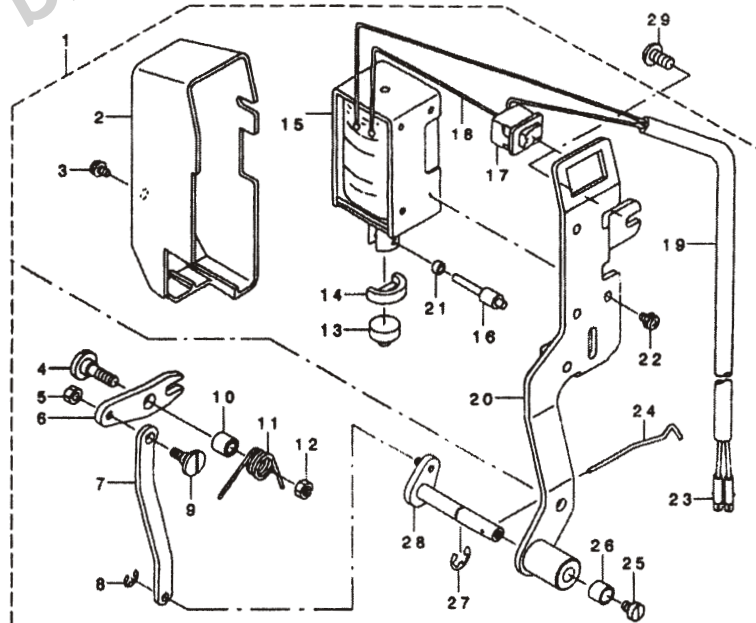
7. 自動倒縫部件

AUTOMATIC REVERSE FEED COMPONENTS



8. 撥綫部件

WIPER COMPONENTS



7. 自动倒缝部件

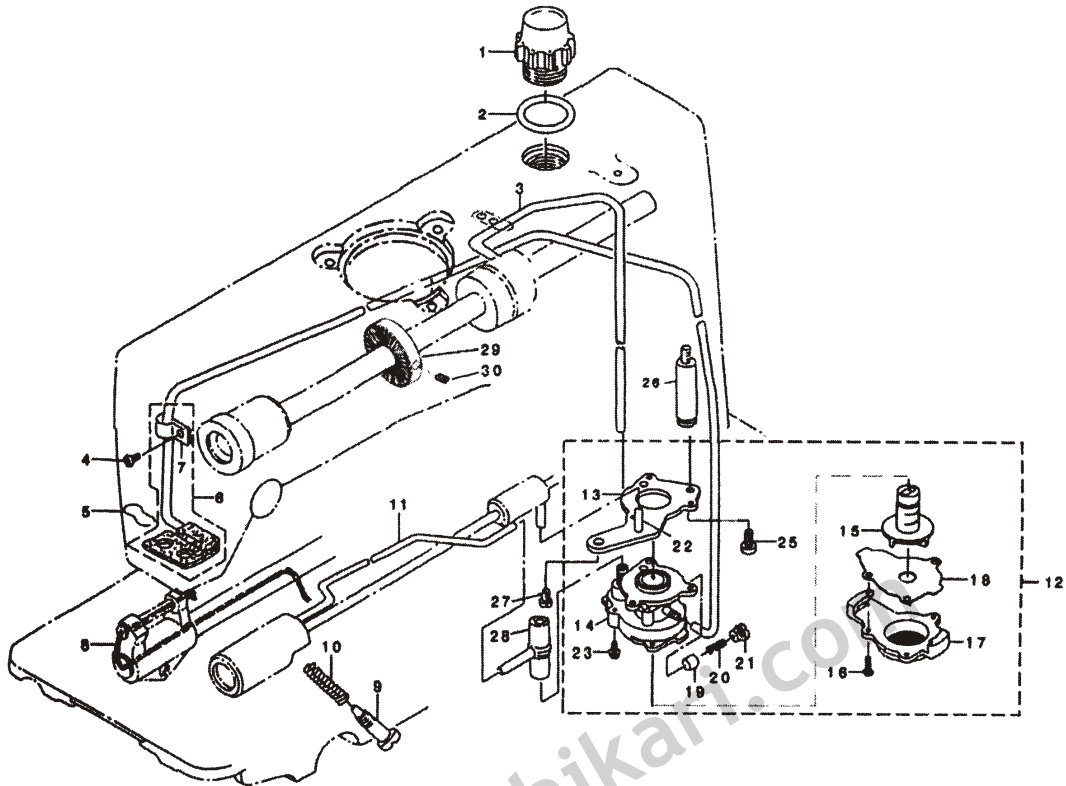
序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	101.07-01	自动倒缝开关组件	Reverse feed switch asm.	1	
2	101.07-02	手动倒缝开关盒	Reverse feed switch cover	1	
3	101.07-03	开关盒安装螺钉	Screw M4 L=6	1	
4	101.07-04	开关盒支架	Reverse feed switch base	1	
5	101.07-05	开关杆销	Reverse feed switch shaft	1	
6	101.07-06	开关复位簧	Reverse feed switch spring	1	
7	101.07-07	开关拉杆定位螺钉	Screw M4 L=16	1	
8	101.07-08	开关紧固螺钉	Screw M3 L=15	2	
9	101.07-09	电源线	2-core cabtyre cord	1	
10	101.07-10	导线插针	Pin contact	2	
11	101.07-11	微动开关	Microswitch	1	
12	101.07-12	微动开关定位板	Switch holding plate	1	
13	101.07-13	手动开关杆组件	Reverse feed switch lever	1	
14	101.07-14	拉杆挡圈	E-ring 5	2	
15	101.07-15	自动倒缝拉杆	Reverse feed connecting shaft	1	
16	101.07-16	油泵连接柱挡圈	E-ring 9	1	
17	101.07-17	倒缝曲柄组件	Connecting arm asm.	1	
18	101.07-18	倒缝曲柄销挡圈	E-ring 4	1	
19	101.07-19	倒缝铁芯连杆	Reverse feed connecting link	1	
20	101.07-20	倒缝铁芯挡圈	E-ring 20	1	
21	101.07-21	垫片	Washer 16×24×2.6	1	
22	101.07-22	橡胶垫片	Rubber plunger	1	
23	101.07-23	连接销卡簧	E-ring 4	2	
24	101.07-24	倒缝铁芯连接销	Plunger arm pin	1	
25	101.07-25	倒缝电磁铁	Reverse feed magnet asm.	1	
26	02-415281221-1	电磁铁紧固螺钉	Screw 15/64×28 L=12	2	
27	02-412280921-1	自动倒缝部件安装螺钉	Screw 3/16×28 L=9	1	#01
28	101.07-28	连杆定位簧	Plunger spring	1	
29	101.07-29	导线插针	Pin contact	2	
30	02-412280621-1	自动倒缝部件安装螺钉	Screw 3/16×28 L=6	1	#02
31	101.07-31	自动倒缝组件	Reverse feed asm.	1	

8. 拨线部件

1	101.08-01	拨线部件	Wiper asm.	1	#01
2	101.08-02	拨线支架壳	Wiper cover	1	
3	101.08-03	拨线壳紧固螺钉	Screw M3	1	
4	101.08-04	传动板轴位螺钉	Hinge scrwe	1	
5	101.08-05	螺母	Nut 9/64×40	1	
6	101.08-06	拨线传动板	Wiper link A	1	
7	101.08-07	拨线拉杆	Wiper link B	1	
8	101.08-08	挡圈	E-ring	1	
9	101.08-09	拉杆轴位连接螺钉	Wiper link B,hinge screw	1	
10	101.08-10	传动板滚柱	Wiper hinge screw collar	1	
11	101.08-11	传动板复位簧	Wiper spring	1	
12	101.08-12	传动板轴位螺母	Nut 11/64×40	1	
13	101.08-13	铁芯定位垫	Wiper rubber A	1	
14	101.08-14	铁芯月牙垫	Wiper rubber B	1	
15	101.08-15	拨线电磁铁组件	Wiper solenoid	1	
16	101.08-16	传动销	Wiper solenoid shaft	1	
17	101.08-17	开关	Power switch	1	
18	101.08-18	导线	Electric wire	1	
19	101.08-19	导线管	2-core cabtyre cord	1	
20	101.08-20	拨线座组件	Wiper base asm	1	
21	101.08-21	传动销螺母	Wiper link collar	1	
22	101.08-22	电磁铁紧固螺钉	Screw	3	
23	101.08-23	插针	pin contact	2	
24	101.08-24	拨线杆	Wiper	1	
25	101.08-25	拨线杆紧固螺钉	Screw 9/64×40 L=5	1	
26	101.08-26	拨线杆紧固套	Wiper collar	1	
27	101.08-27	拨线驱动轴挡圈	E-ring	1	
28	101.08-28	拨线驱动轴组件	Wiper driving shaft asm	1	
29	02-412280921-1	拨线座紧固螺钉	Screw 3/16×28 L=9	2	

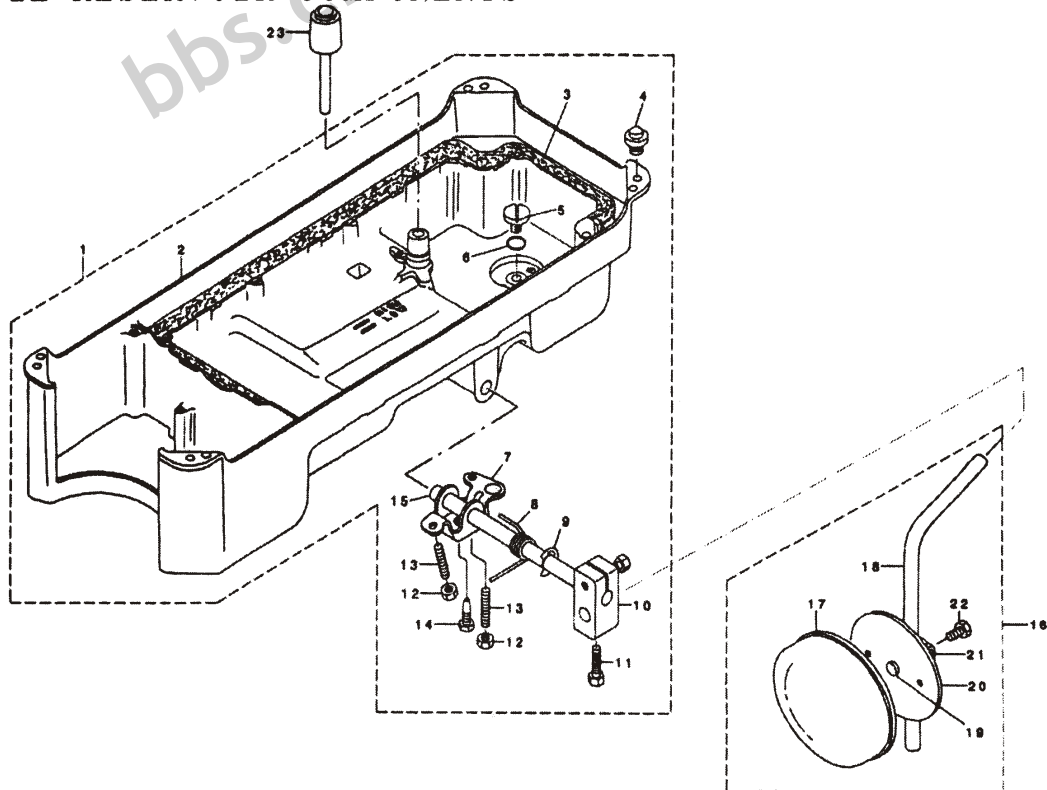
9. 潤滑部件

OIL LUBRICATION COMPONENTS



10. 油盤部件

OIL RESERVOIR COMPONENTS



9. 润滑部件

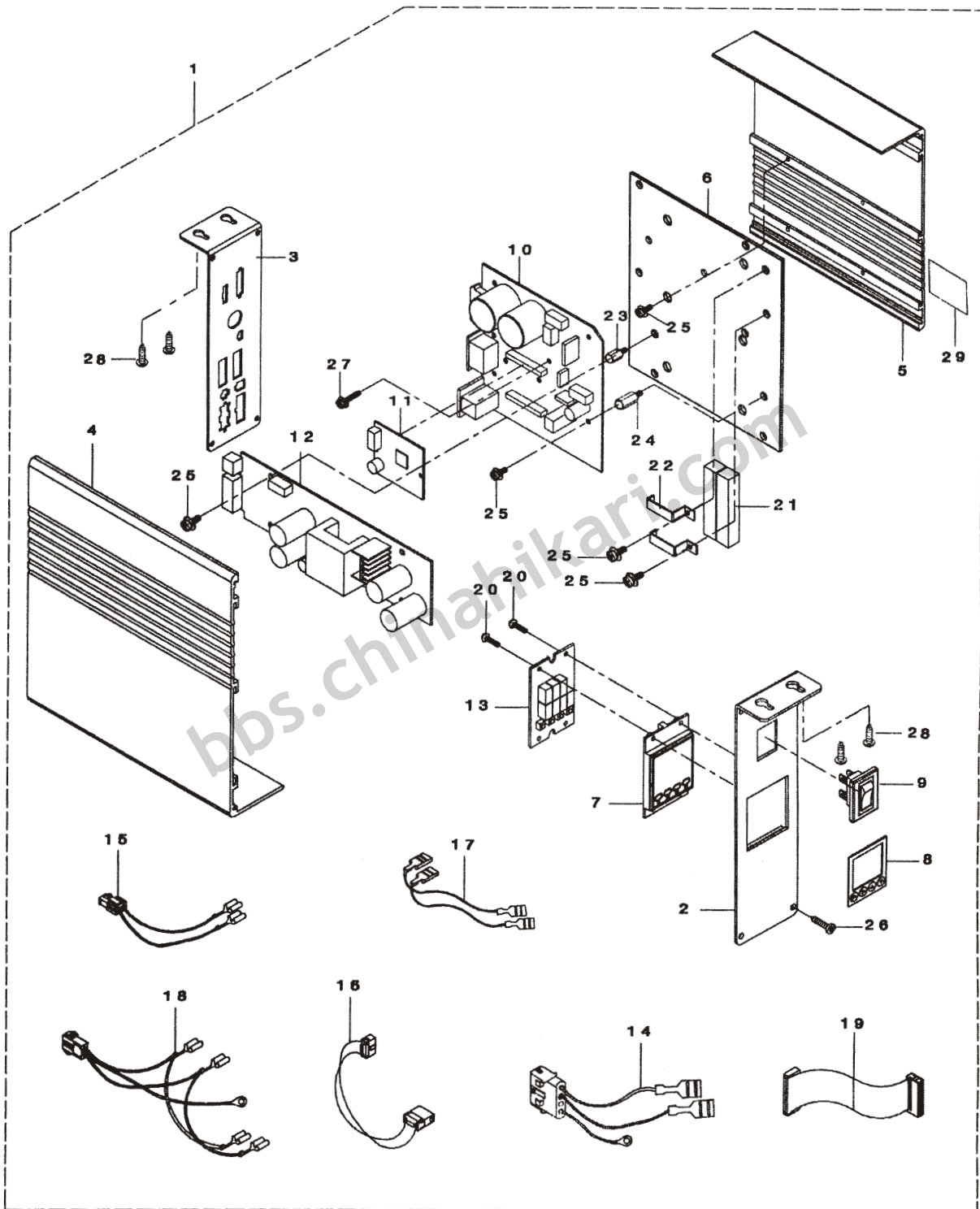
序号 NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	102.09-01	油窗	Oil sight window	1	
2	102.09-02	油窗 O 型圈	Rubber ring	1	
3	102.09-03	上轴供油管	Main shaft oil tube	1	
4	02-412280623-1	回油管夹螺钉	Screw 3/16×28 L=6	1	
5	102.09-05	回油毡夹	Oil felt presser	1	
6	102.09-06	回油管组件	Oil return tube asm	1	
7	102.09-07	回油管夹	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	
25	02-611401021-1	螺柱连接螺钉	Screw 11/64×40 L=9.5	1	
26	101.09-26	油泵连接螺柱	Oil pump support, large	1	
27	02-615281221-1	油泵螺钉	Screw 15/64×28 L=12	1	
28	101.09-28	供油管接头	Rubber joint	1	
29	102.09-37	绕线器驱动轮	Bobbin pulley	1	
30	102.09-38	绕线器驱动轮螺钉	Screw	2	

10. 油盘部件

1	101.10-01	油盘部件	Oil reservoir asm	1	
2	101.10-02	油盘	Oil reservoir	1	
3	101.10-03	油盘垫	Oil reservoir gasket	1	
4	101.10-04	机头座垫	Rubber cushion	4	
5	02-620240721-1	排油孔螺钉	Screw 5/16×24 L=7	1	
6	101.10-06	排油孔螺钉 O 型圈	Rubber ring	1	
7	101.10-07	抬压脚双向曲柄	Knee lifting rotating arm	1	
8	101.10-08	双向曲柄扭簧	Spring	1	
9	101.10-09	抬压脚轴开口挡圈	E-ring 10	1	
10	101.10-10	抬压脚操纵杆节头	Vertical shaft fitting arm	1	
11	101.10-11	操纵杆节头螺钉	Screw	2	
12	101.10-12	双向曲柄限位调节螺母	Nut M6	2	
13	101.10-13	双向曲柄限位调节螺钉	Screw M6 L=30	2	
14	101.10-14	双向曲柄螺钉	Screw M6 L=17.5	1	
15	101.10-15	抬压脚轴	Knee press cross shaft	1	
16	101.10-16	操纵杆部件	Knee pan plate asm	1	
17	101.10-17	操纵板软垫	Knee pan plate cover	1	
18	101.10-18	操纵杆	Knee pan upright shaft	1	
19	101.10-19	操纵杆垫	Knee pan plate rubber	1	
20	101.10-20	操纵板	Knee pan plate	1	
21	101.10-21	操纵杆节头	Knee pan plate support	1	
22	101.10-22	节头螺钉	Screw M6 L=12	1	
23	101.10-23	抬压脚顶销	Knee lifter push rod	1	

11. 控制箱部件

CONTROL COMPONENTS

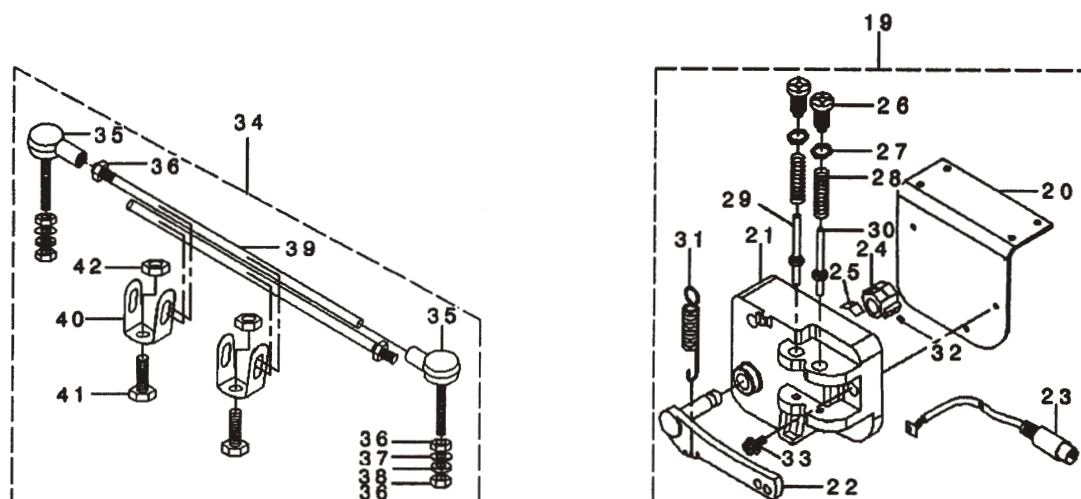
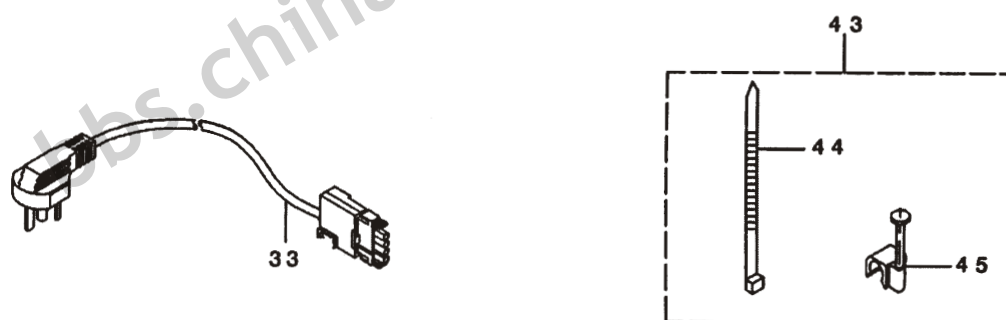
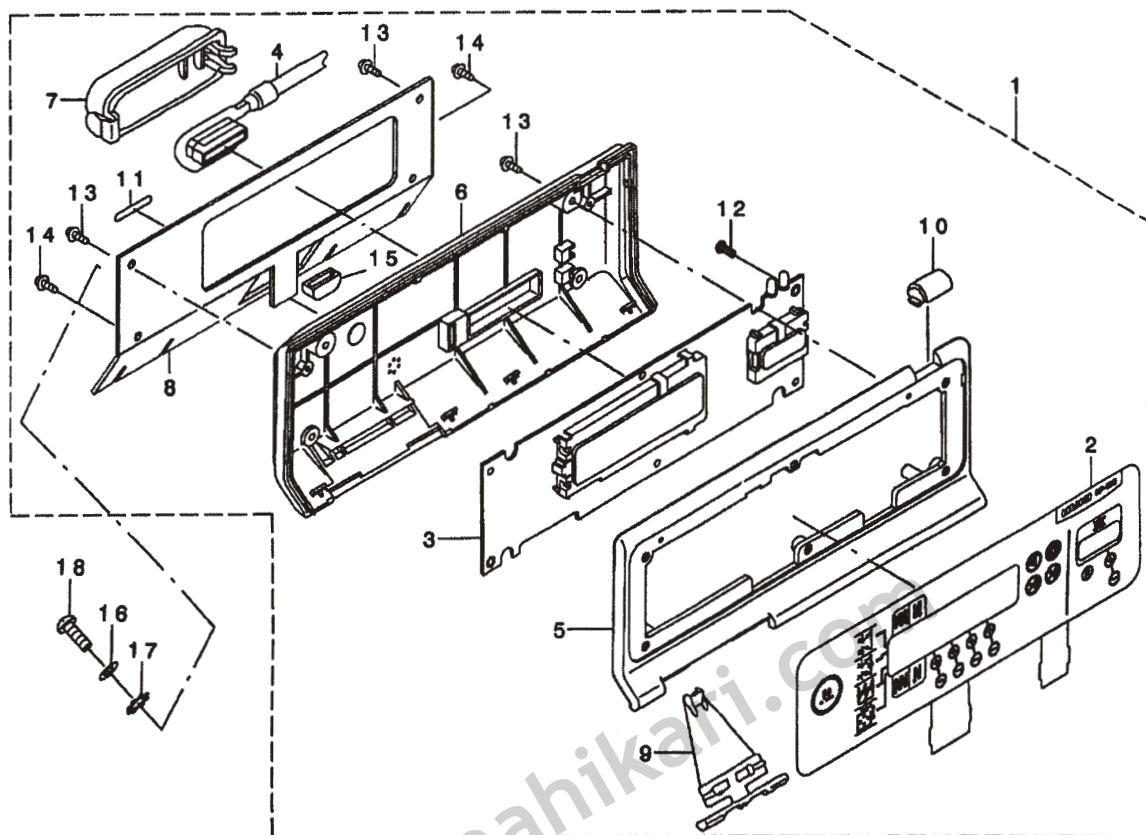


11. 控制箱部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	102.11-01	控制箱组件	Control base asm.	1	
2	102.11-02	前面板	Front plate	1	
3	102.11-03	後挡板	Back plate	1	
4	102.11-04	左侧板	Left plate	1	
5	102.11-05	右侧板	Right plate	1	
6	102.11-06	铝合金散热器	Radiator plate	1	
7	102.11-07	数码管外罩	Number block cover	1	
8	102.11-08	按键贴膜	Keyboard plate	1	
9	102.11-09	电源开关	Power switch	1	
10	102.11-10	线路板 A	PCB A.	1	
11	102.11-11	线路板 B	PCB B.	1	
12	102.11-12	线路板 C	PCB C.	1	
13	102.11-13	线路板 D	PCB D.	1	
14	102.11-14	线槽 A	Cord A.	1	
15	102.11-15	线槽 B	Cord B.	1	
16	102.11-16	线槽 C	Cord C.	1	
17	102.11-17	线槽 D	Cord D.	2	
18	102.11-18	线槽 E	Cord E.	1	
19	102.11-19	线槽 F	Cord F.	1	
20	01-4030010223	数码管外罩紧固螺钉	Screw M3 L=10	2	
21	102.11-21	水泥电阻	Cement resistance	2	
22	102.11-22	水泥电阻固定板	Cement resistance plate	2	
23	102.11-23	铁柱 A	Shaft A.	1	
24	102.11-24	铁柱 B	Shaft B.	1	
25	01-4040008223	螺钉	Screw M4 L=8	18	
26	102.11-26	自攻螺钉	Screw ST3.5	8	
27	01-4040016223	螺钉	Screw M4 L=16	2	
28	102.11-28	螺钉	Screw ST3.5	4	
29	102.11-29	标签	Label	1	

12. 控制装置部件

CONTROL SETTING COMPONENTS

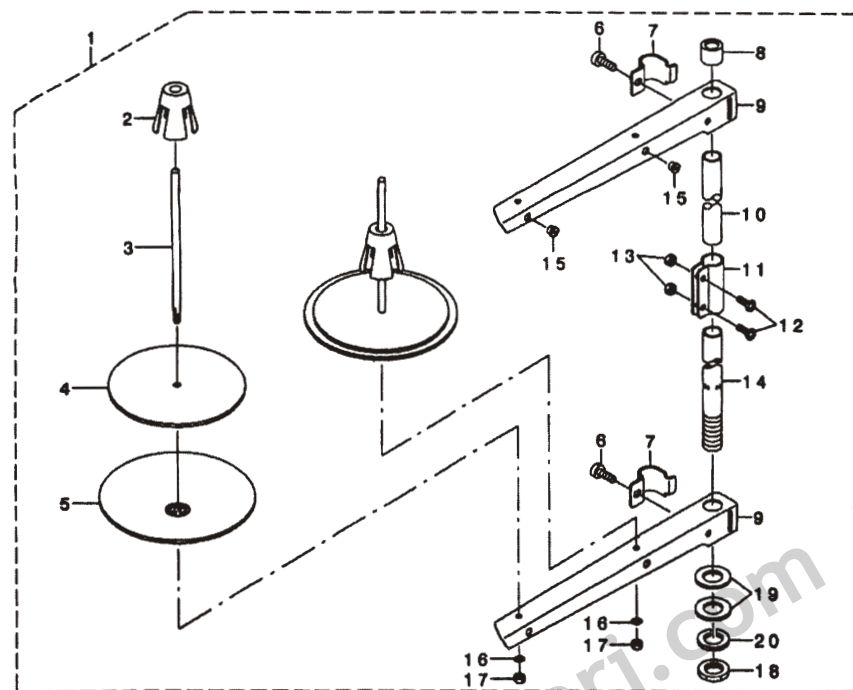


12. 控制装置部件

序号 Ref. NO.	件 号 Part NO.	名 称	Description	数 量 Qty	备 注 Note
1	102.12-01	控制面板组件	Panel asm.	1	
2	102.12-02	按键板板组件	Switch asm.	1	
3	102.12-03	线路板组合	Circuit board asm.	1	
4	102.12-04	电源线	Cord asm.	1	
5	102.12-05	前罩壳	Front panel	1	
6	102.12-06	後罩壳	Back panel	1	
7	102.12-07	线槽盖	Cord exit cover	1	
8	102.12-08	控制面板支架	Panel bracket	1	
9	102.12-09	调速块	Speed adjusting knob	1	
10	102.12-10	灯 盖	Indication window	1	
11	102.12-11	贴纸	Type label da	1	
12	01-4030008223	螺钉	Screw M3 L=8	6	
13	01-4030010223	螺钉	Screw M3 L=10	4	
14	01-4030016223	螺钉	Screw M3 L=16	2	
15	102.12-15	支架脚垫	Bracket rubber cap	1	
16	102.12-16	平垫片	Washer 5×10.5×1	2	
17	102.12-17	齿形垫片	Toothed washer D=5.3	2	
18	02-412281423-1	螺钉	Screw 3/16-28 L=14	2	
19	102.12-19	踏板组件	Pedal asm.	1	
20	102.12-20	踏板底座	Pedal base	1	
21	102.12-21	踏板外壳	Pedal cover	1	
22	102.12-22	踏板活动拉杆	Pedal feed link	1	
23	102.12-23	电源线插头	Cord base asm.	1	
24	102.12-24	踏板磁钢座	Magnet fitting base asm.	1	
25	102.12-25	磁钢片	Magnet fitting plate	1	
26	102.12-26	踏板塑料螺钉	Presser spring regulator	2	
27	102.12-27	螺母	Presser adjusting screw nut	2	
28	102.12-28	踏板压簧	Presser adjusting spring	2	
29	102.12-29	踏板铜轴销 A	Presser shaft A	1	
30	102.12-30	踏板铜轴销 B	Presser shaft B	1	
31	102.12-31	踏板拉簧	Feed reverse spring	1	
32	102.12-32	活动拉杆固定螺钉	Screw	1	
33	102.12-33	电源线插座	Power cord base asm.	1	
34	102.12-34	拉杆组件	Connecting asm.	1	
35	102.12-35	连接头	Connecting base	2	
36	03-606000360-3	固定螺母	Nut	6	
37	102.12-37	平垫片	Washer	2	
38	102.12-38	弹簧垫片	Spring washer	2	
39	102.12-39	拉杆轴	Connecting link	2	
40	102.12-40	连接座	Connecting base	2	
41	01-708001625-3	连接座螺钉	Screw	2	
42	03-608000600-3	连接座螺母	Nut	2	
43	102.12-43	尼龙线带	Cable band	4	
44	102.12-44	线固定槽座	Cord base	4	

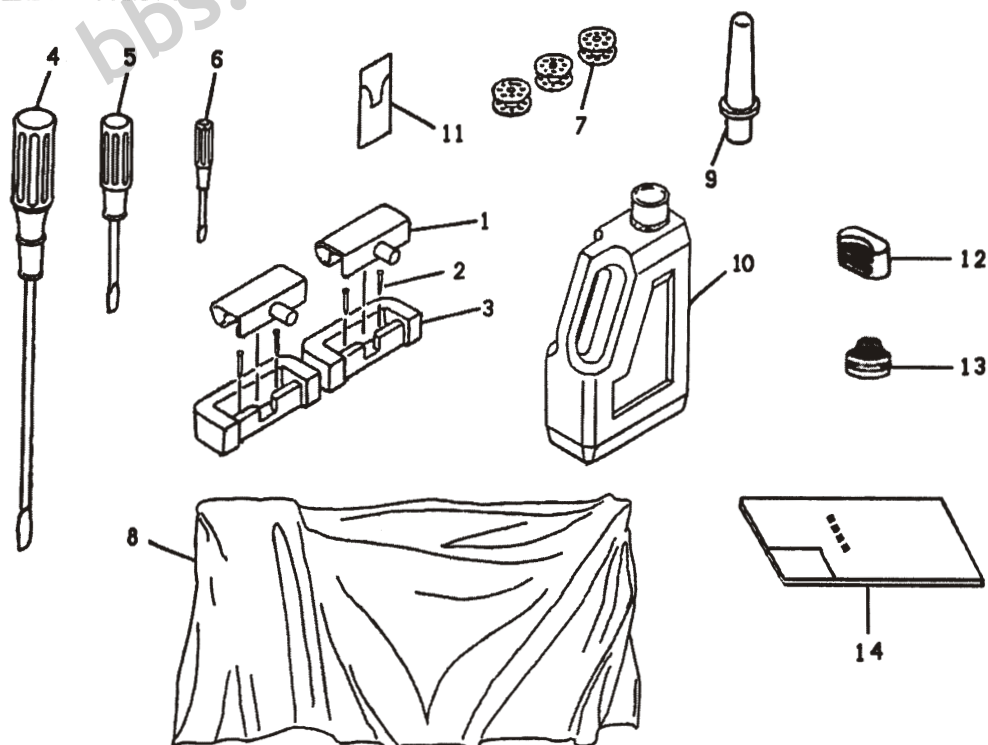
13. 過綫架部件

THREAD STAND COMPONENTS



14. 附件

ACCESSORIES



13. 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	线架杆紧固螺母	Nut M16×1.5	1	
19	101.12-19	线架杆紧固螺母垫圈	Washer 16×30×2.6	2	
20	101.12-20	紧固螺母弹簧的垫圈	Spring washer	1	

14. 附件

序号 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 ,medium	1	
6	101.14-06	螺丝刀（小）	Screw driver ,small	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 DB×1 #14	1 包	
12	101.14-12	防震垫（A）	quakeproof washer A	1	
13	101.14-13	防震垫（B）	quakeproof washer B	1	
14	101.14-14	说明书	Instruction book	1	

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