

For Operator Safety

Thank you for purchasing the BAFANG Model GK35 Bag Closing Machine Head.

- This manual contains the instructions and precautions for using the Model GK35 Bag Closing Machine Head. Be sure to read and understand this manual before use and use the machine correctly.
- Keep this manual near the sewing machine for easy reference. Be sure to attach this manual to the machine when lending or transferring it to another person or company.
- Please order this manual from the nearest BAFANG office if it is lost.
- The contents of this manual are subject to change without prior notice for improvement and safety purpose.

Instructions with this mark are especially important for operator safety. Be sure to observe these marked instructions.



Hazard of Being Caught in the Machine

- Be careful, when you insert material to be closed into the sewing machine, your fingers may be caught in the machine between the presser foot and feed dog.
- A "Hazardous" mark is attached to the machine. When sewing, be sure not to touch on the machine.



Hazard of Being Caught in the Machine

- A Needle Bar and Needle Thread Take-UP are moving at high speed. A "Hazardous" mark is attached to the machine. When the machine is in operation, keep fingers and yourself away from the Needle Bar and Needle Thread Take-Up.

安全操作

感謝您購買八方牌GK35系列封包機。

- 本使用說明書介紹GK35型封包機的使用方法及使用時的注意事項。在使用前請務必閱讀本使用說明書。請在充分理解內容的基礎上正確使用。
- 為便于使用，請任何時候都將本使用說明書保管在縫紉機旁邊。出租GK35型封包機或轉讓使用時，請隨機附帶本使用說明書。
- 遺失本使用說明書時，請與八方公司或經銷處聯系。
- 為提高功能及其安全起見，本使用說明書有時會在不預先通知情況下作些改動。

此危險標記，在安全操作上特別重要，請務必遵守。



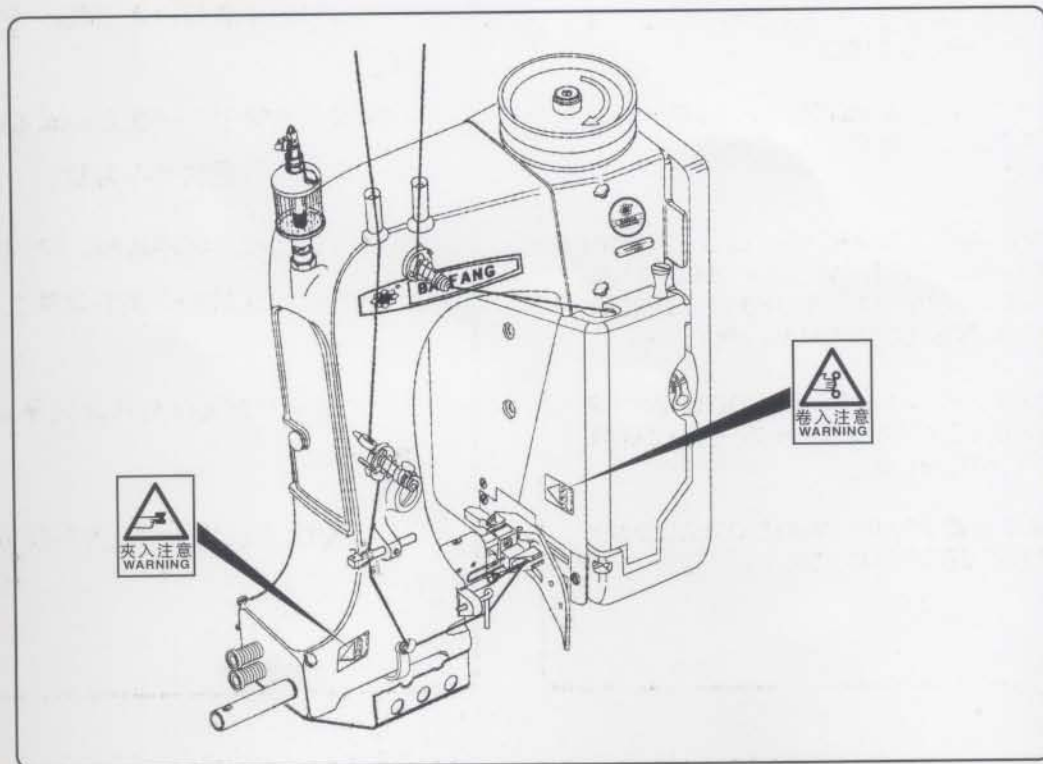
卷入注意

- 當將縫料塞入機器縫紉時，要當心手指被送料牙和壓腳卷入。縫紉機上貼有卷入注意標記，縫紉時手應從縫紉機下側扶住縫料，不要接觸機器。



夾入注意

- 機器工作時，針杆與針杆連軸節組件處于高速運動狀態，在縫紉機上貼有夾入注意標記，縫紉時，手和身體不要與針杆和針杆連軸節組件接觸。



WARNING

PERSONAL INJURY MAY RESULT IF THE FOLLOWING SAFETY PRECAUTIONS ARE NOT OBSERVED.

1. BE SURE THE AREA SURROUNDING MACHINE IS FREE OF ALL HAZARDS SUCH AS FIRE, WATER, OIL, RUBBISH OR ANYTHING THAT CAN CAUSE INJURY.
2. DO NOT OPERATE MACHINE IN AN EXPLOSIVE AREA OR UNDER WET CONDITIONS. THE MACHINE IS NOT AN EXPLOSION - PROOF TYPE NOR WATER-PROOF TYPE.
3. DO NOT OPERATE MACHINE BEFORE READING INSTRUCTION MANUAL.
4. DO NOT OPERATE MACHINE ON VOLTAGES OTHER THAN SPECIFIED FOR THE MACHINE.
5. BE SURE MACHINE IS CONNECTED TO BUILDING ELECTRICAL SAFETY GROUND (EARTH).
6. BE SURE POWER (AND AIR SUPPLY) IS OFF BEFORE PERFORMING MACHINE MAINTENANCE, PARTS REPLACEMENT, ADJUSTMENTS OR CLEANING.
7. DO NOT OPERATE MACHINE WITH GUARDS AND COVERS REMOVED.
8. DO NOT TOUCH NEEDLE, PULLEY, BELT AND MOVING PARTS WHEN MACHINE IS IN OPERATION.
9. BE SURE MACHINE IS PLACED ON A SMOOTH (LEVEL) SURFACE WHEN PERFORMING MAINTENANCE, PARTS REPLACEMENT, ADJUSTMENTS, CLEANING OR STORAGE.
10. BE SURE THE MATERIAL TO BE SEWN OR CLOSED COMPLIES WITH THE MACHINE SPECIFICATIONS.
11. DO NOT USE SPARE PARTS OTHER THAN "BAFANG" GENUINE PARTS.

警告

如果不遵守下列安全項目，就會引發事故，務請注意。

1. 請確認機器周圍不得有會引發事故的火苗、水、油和可燃物等。
2. 不要在有爆炸危險或潮濕的環境中使用。本機器不屬於防爆、防潮型。
3. 必須在閱讀使用說明書之後啟動機器。
4. 不要使機器在指定電壓以外的狀態下運轉。
5. 確認接地線已接地。
6. 機器在維護、零件調換、調試或清掃之前，必須切斷電源（以及空氣源）。
7. 不得在取下蓋板和罩子的狀態下啟動機器。
8. 機器在運轉中，不要用手觸摸針、皮帶輪、皮帶以及其它運轉部位。
9. 機器在維護、零件調換、調試、清掃和保管時，請放置在平整的場地上。
10. 檢查一下想要縫紉的坯料是否符合機器規格。
11. 必須使用正規的“八方”牌零部件。

Identifying and Ordering Parts

Where the construction permits, each part is stamped with its part number. On all orders, please include part number, part name and model name of machine.

Safety Rules

To prevent personal injury:

- All power sources to the machine must be turned off before threading, oiling, adjusting or replacing parts.
- All covers and guards must be in position before operating machine.
- Do not tamper with safety cover, guards, etc., while machine is in operation.

Cautions When Using the Machine

Safety Precautions

- 1) Always turn power off before threading, oiling, and adjusting the machine or replacing parts.
- 2) Wear safety glasses.
- 3) Make sure, before starting the machine, that all covers and shields are in place and closed.
- 4) Do not touch on the machine when it is run.
- 5) Turn power off and make sure the cutter does not operate before you put your fingers under the cutter blades and the needles to adjust.
- 6) Do not touch on the machine when it is run.

Maintenance

- Please keep in mind to handle the machine carefully and to maintain the machine in good condition.
- Thread fuzz or dust must be cleaned with air or brush on throat plate, in the groove of feed dog or around looper after the day's work.
- Wipe the area easy to rust with oil cloth.
- Check the machine for loose screws and tighten them, if any, once a month.
- Good maintenance will prolong the machine life.

售后服务

零部件調換和訂貨上的注意事項

- 本公司常年供應純正GK35系列零部件。用戶若向非八方公司授權的經銷商購買時須謹防假冒。
- 訂貨時，請注明零件分解圖一覽表的零件號及名稱。
- 使用過程中，遇到不明處及故障、疑點、維護等問題，請與供應設備單位或本公司聯系。屆時，請寫明機器型號、縫紉機頭名稱及縫紉機編號。

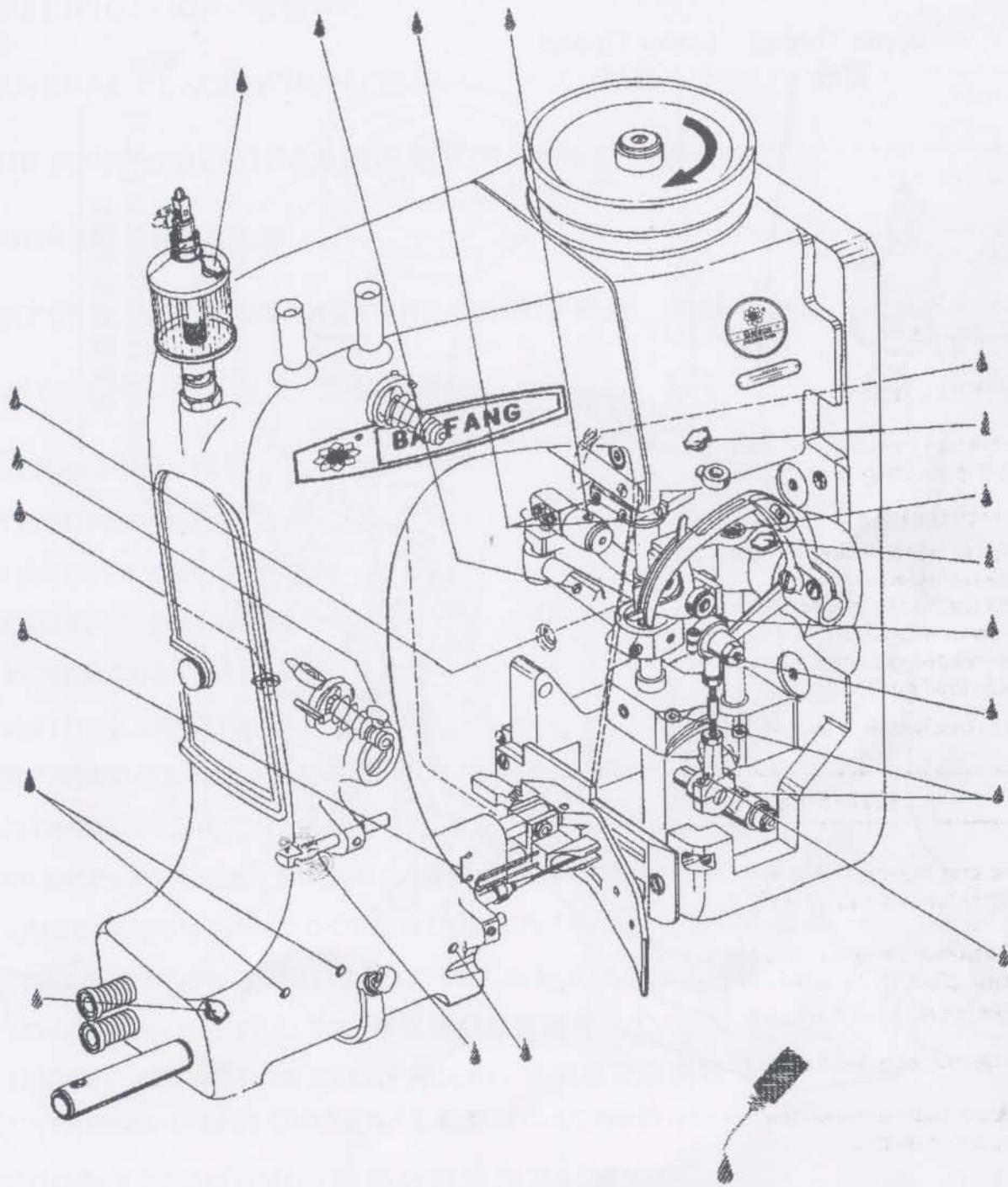
使用時的注意事項

安全方面

- 1) 穿綫、給油、調試、零件調換以及保養檢修之前必須關閉電源。
- 2) 調試作業時，最好使用安全眼鏡。
- 3) 運轉前，必須將所有蓋板、罩殼緊固好。
- 4) 在確認蓋板等已關閉之后再啓動。
- 5) 將手伸入機針、切刀下面調試前，必須先關閉電源，確信機針與切刀都停止動作后再進行作業。
- 6) 縫紉機運轉過程中，不要觸摸機器運轉部位。

維護保養

- 縫紉機頭由精密的小零件構成，除了要當心使用之外，還要經常注意保養。
- 一天作業結束之後，應將針板上、壓腳槽內以及彎針周圍積存的塵埃等清除干淨。
- 容易生鏽的部位請用油布等擦淨。
- 每月一次，檢查螺絲是否鬆動。
- 維護保養的好壞關係到機器的壽命，應予以注意。



润滑点
Lubricating Points

Fig.1

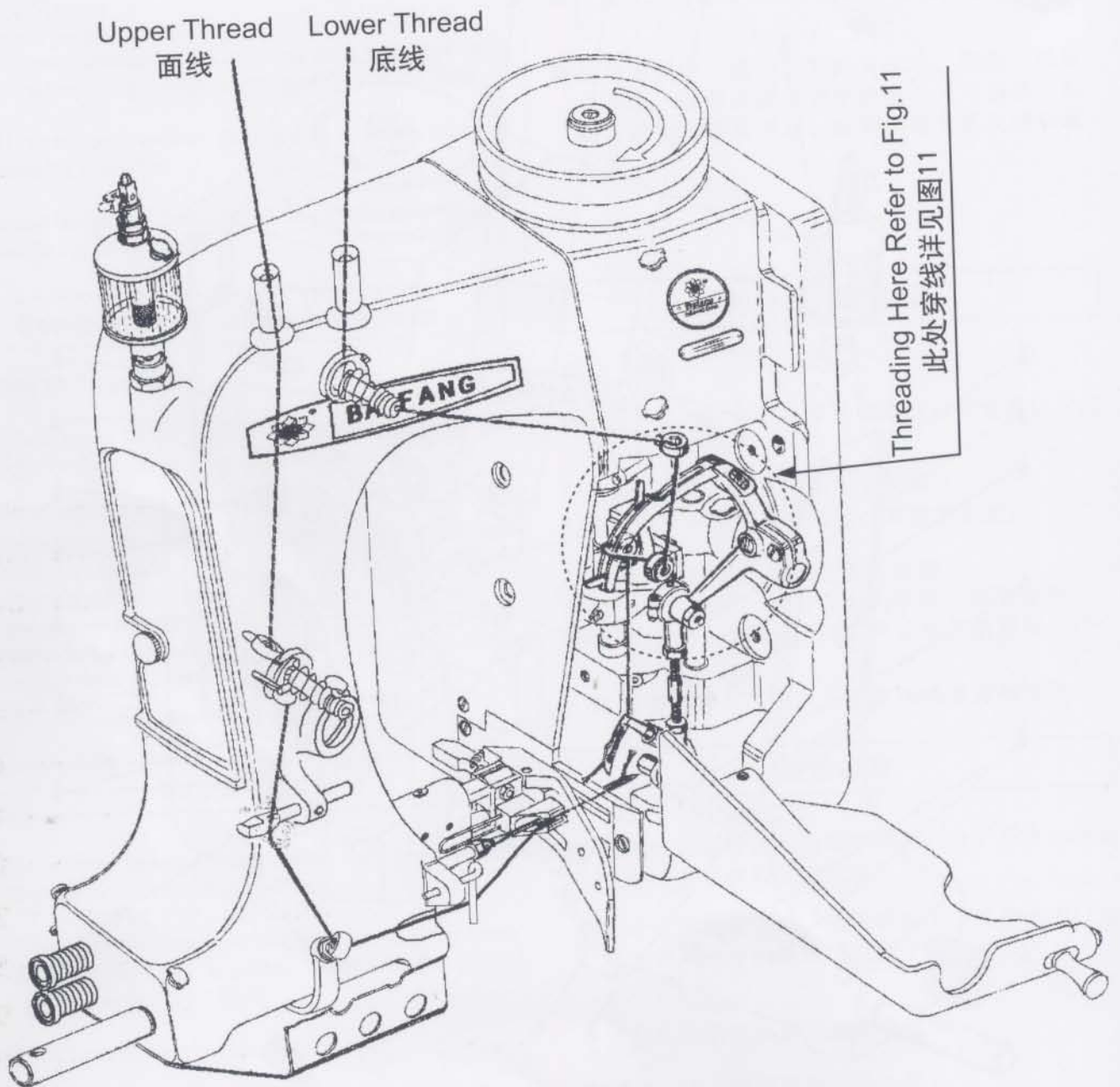


Fig.2

1.Characteristics and Applications / 特點與用途

Model GK35 Bag Closing Machines fall into three types, man operated start and stop of the machine with semi-automatic thread chain cutter, automatic start and stop of the machine with solenoid operated thread chain cutter, and with electro-pneumatically operated thread chain cutter. All these machines adopt semi-closed structure for easy maintenance. Crank shaft tail end adopts closed rolling bearing mechanism for the purpose of high speed, wear resistance and flexibility. Lubrication system falls into permeating oil cups with felt reservoir and spray types. Main parts adopt wear resistance materials such as alloy steel and alloy copper etc.. All types of thread chain cutters adopt safe built-in structure. All types of machine heads hang on column support combined with feeding devices for closing filled bags and sacks made of cotton, jute, plastic and paper etc.

GK35系列封包機分人工控制機器的啓動與停機，機動式半自動剪切綫辮機構和自動控制機器的啓動與停機，電氣控制自動剪切綫辮兩種型式。系列機器均採用維修方便的半封閉式結構，曲軸尾端採用封閉式滾動軸承結構以達到高速、耐磨、靈活之目的。潤滑系統為油杯滲透毛呢貯油式與自動噴霧式兩種，關鍵部位採用優質合金鋼和合金銅等高耐磨材料，各種型式的綫辮切刀裝置均為安全可靠的內藏式結構。各種型式的機頭懸掛在立柱架上與輸送機的進給裝置連在一起，可作糧食、糖業、石化港口碼頭等企業的布袋、麻袋、塑料編織袋和紙袋等包裝袋的封口縫紉之用。

2.Specification / 規格

Item 項目	Model 機型	GK35-2C	GK35-6	GK35-6B	GK35-7
Max.Speed 最高縫紉速度			1900 rpm		
Working Speed 工作速度			1700 rpm		
Thickness of Material 最大縫紉厚度			8mm		
Range of Stitch Width 針迹寬度調整範圍			6.5~11mm		
Stitch Type 線迹形式			Double Thread Chain Stitch 雙線鏈式 (401)		
Thread Type 縫線規格			20/6, 20/9 Synthetic Fibre Thread or Cotton Thread (2×3, 3×3) 20/6, 20/9 合成纖維線或棉線		
Needle 機針規格			Model 80800 200~250# 80800 型號200~250#		
Pulley 帶輪			φ 114mm		
Thread Chain Cutter 線辮切割形式		Manual Operated 手控機動式	Electro-pneumatic Operated 電控氣動式		
Motor 電機		Common Motor 普通電機	Brake Motor 制動電機		
Motor Power 電機功率		370W	550W		
Weight 重量		27kg	30kg	29kg	30.5 kg
Size (L×W×H) 外形尺寸 (長×寬×高)		350×215×440 (mm)	350×240×440 (mm)	350×215×440 (mm)	370×270×440 (mm)

3.General Description / 說明

Model GK35-2C

Equipped with mechanical thread chain cutter which makes reciprocating motion by running of the machine. The bag being fed into the machine will continue to sew a length of thread chain after closing the bag. Push the thread chain together with materials into open slot in the throat plate to cut. Start and stop of the machine are operated by hand.

GK35-2C型

裝有機械式隨機器運轉而往復動作的綫辮切刀。送入機器的袋封縫完畢后，再繼續縫出一段綫辮，手持縫料把綫辮推入針板開口凹槽內由切刀自動切斷。機器的啓動與停止由人工操作。

3. General Description / 說明

Model GK35-6

- * Equipped with thread chain cutter device.
- * Mechanical contact-type electro-control to start the machine---stop the machine---aerodynamic thread cutting cycle.

Model GK35-6B

- * Equipped with thread chain cutter device.
- * Infrared sensor type intelligentize control to start the machine---stop the machine---aerodynamic thread cutting cycle.

Model GK35-7

- * The plug-in paper tape (thread chain) cutter device.
- * Mechanical contact-type electro-control to start the machine---stop the machine---aerodynamic paper tape (thread chain) cutting cycle.

Notice: These models cylinder working pressure is 0.3~0.4 Mpa.

These models control systems need additional optional from bafang company.

GK35-6型

- * 內置式綫辮剪刀裝置。
- * 機械接觸式電控開機 - 停機 - 氣動力剪綫工作循環。

GK35-6B型

- * 內置式綫辮剪刀裝置。
- * 紅外傳感式智能控制開機 - 停機 - 氣動力剪綫工作循環。

GK35-7型

- * 外掛式紙帶 (綫辮) 切刀裝置。
- * 紅外傳感式智能控制開機 - 停機 - 氣動力切紙帶 (綫辮) 工作循環。

注意: 以上機型氣缸工作氣壓均為0.3~0.4Mpa。

以上機型控制系統需另外向八方公司選配。

4. The Points Before Operation / 使用前應注意事項

New machines or through long time storage machines must be checked before operation. Cleaning the anti-rust grease and dust on the surface of the machine, and filling sewing machine oil or white spindle oil 60# into oil cups and oil holes. Turning the pulley clockwise by hand. Check for free and coordination. Check motor rotating direction for the same as that of the machine running. Then starting the machine for test sewing.

For automatic style machine, check electrical equipments, circuits and pneumatic cells whether they are good. Before threading, filling, oiling, adjusting or replacing parts, all power source must be cut off to prevent personal injury.

新的或存放已久的機器，在使用前應作一次常規性檢查，清除表面塵埃和防銹油脂，並在油杯和各油孔處注入縫紉機油或60#白色主軸油。用手順時針旋轉皮帶輪，檢查運轉是否靈活協調，檢查電動機旋轉方向是否與機器運轉方向一致，然後再啓動機器進行試縫。

自動型式的機器必須檢查電器、綫路及氣動元件是否完好，在穿綫、注油、調試或更換零件前須切斷電源，以免發生觸漏電及其他傷害事故。

5. Lubricating / 潤滑

Routing maintenance is important to prolong the machine life. Machines have to be cleaned and lubricated twice a day at the lubricating points according to the oiling diagram (Fig.1), making oil felt soaked in oil. The sight feed oiler and oil sprayer have to be kept filled and should be adjusted so that it feeds two or three drops of oil per minute.

重視機器保養，可延長使用壽命。每個工作班必須對機器進行清洗，並且按照示意圖 (圖 1) 所示潤滑點進行注油2次，并使羊毛氈吸足油。可視滴注油杯或噴霧器應注滿油，並調整至每分鐘滴2至3滴油。

6. Needle, Thread and Threading / 機針、縫綫與穿綫

Selection of needle and thread depends on quality and technical demand of sewing material. Good combination of the needle and thread is one of the basic condition to get perfect sewing performance. The needle point must be sharp, and the thread must be strong enough.

機針和縫綫的選擇應根據縫料的質量與技術要求而定，機針與縫綫相匹配是獲得正常縫紉性能的基本條件之一。機針尖應鋒利，縫綫應有足够的強度。

6. Needle, Thread and Threading / 機針、縫綫與穿綫

Thread machine as illustrated in Fig.2, draw out upper and lower thread from needle eye and looper hole about 50mm.

按(圖2)所示順序進行穿綫, 面綫與底綫拉出機針眼及彎針孔各約50mm左右即可。

7. Inserting Needle / 安裝機針

The needle is a vulnerable part. When the needle eye wears out obviously, needle point wears dull or blunts, replace the needle. When replacing the needle, turn the pulley until the bar reaches its highest position. Loosen the needle clamp nut A (Fig.3), and insert a new needle with the shank as far as possible into the needle bar. The needle groove must point to the moving direction of the sewing material. Then retighten the needle clamp nut.

機針是易損零件, 當針眼明顯磨損, 針尖磨鈍或彎曲時, 應更換機針。換針時, 旋轉皮帶輪使針杆上升到最高點, 用扳手擰松螺母A(圖3)換上新針, 針柄必須插入針杆孔到底, 針眼的凹形面須朝縫料前進方向, 再固緊螺母。

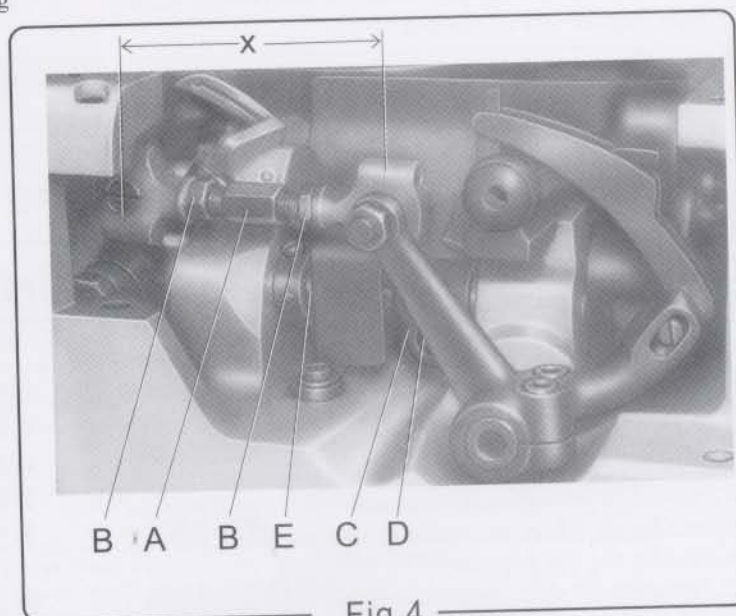


Fig.4

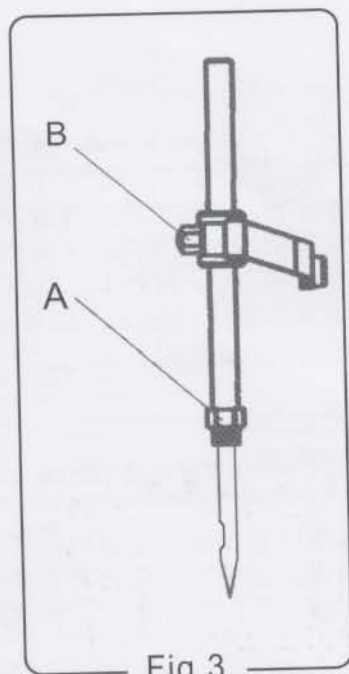


Fig.3

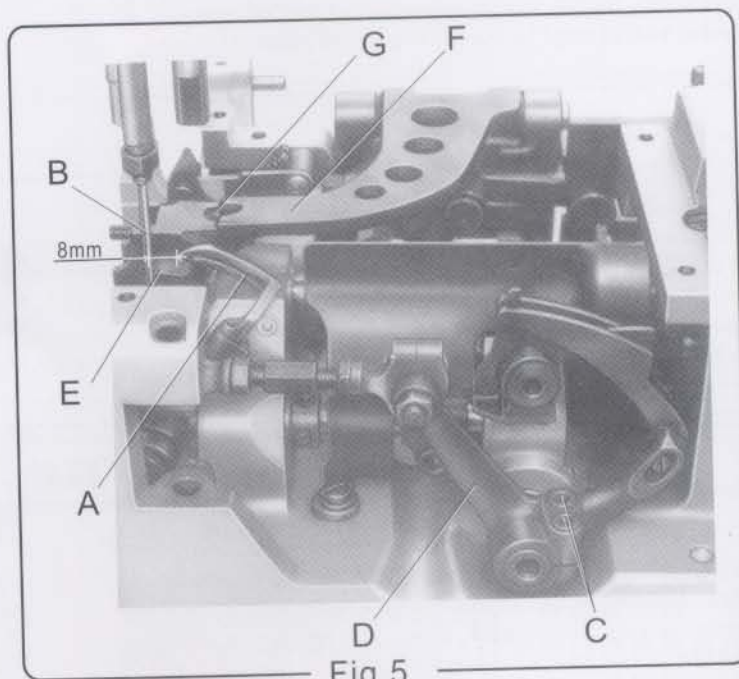


Fig.5

8.Adjusting/調試

(1) Looper

- a. First set the looper connecting rod A(Fig.4), so the distance X (Fig.4) between the centre lines of the two ball joints is 69.8mm. For adjustment, loosen the two nuts B and turn connecting rod A forward or backward as required to obtain specified dimension. Retighten nuts B.

Caution: the left nut is left hand thread.

- b. Rotate the machine pulley clockwise by hand, so that the needle bar moves to the lowest point, at the same time the looper moves back to its farthest position to the right. The distance from the point of the looper A (Fig.5) to the centreline of the needle is 8mm. For adjustment, loosen two screws C in the looper drive lever, rotate looper drive lever D left or right as required to obtain specified dimension and retighten screws C.

Caution: Pull looper drive lever rocker back tightly when tighten screws C so that the end face of the looper drive lever rocker leans against that of shaft bushing, assuring that clearance between both ends is taken out.

(Otherwise it will make noises.)

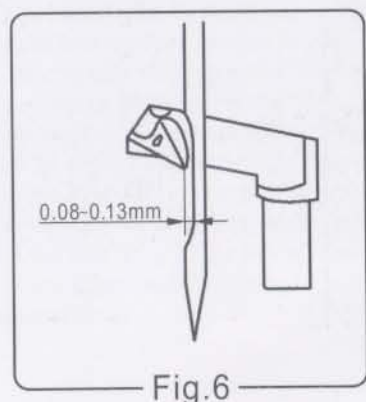
- c. Rotate the machine pulley so that the looper A(Fig.5) moves from right to left. The looper point should pass close as possible as the back of the needle without contacting, about 0.08~0.13mm (Fig.6) clearance. For adjustment, loosen screw D(Fig.4)in the looper eccentric fork C and turn rocker shaft E on the looper rocker with the looper forward or backward as required. Retighten screw D.

(2) Needle Bar

Remove the throat plate. Rotate the machine pulley in operating direction until the looper moving to the left. When the looper point projects 1~1.5mm left of the needle, the lower edge of looper and the upper edge of needle eye must be flush in this position(Fig.7.) For adjustment, loosen clamp screw B(Fig.3)in the needle bar up or down as required. Retighten screw B and remount throat plate.

(3) Needle Guard

The needle guard E(Fig.8) will protect the needle and prevent it from bending or breaking when the needle goes down. The clearance between the needle and the needle guard is 0.08mm~0.13mm(Fig.8).For adjustment, rotating pulley in the direction of operating, so that the needle guard moves against the needle. Loosen set screw G on feed dog holder (Fig.5), move the needle guard accordingly. Retighten screw G.



(1) 彎針調節

- a. 首先調節連接杆A(圖4)，使兩球軸承中心線間距X為69.8mm。調節時擰松兩個螺母B，順旋或倒旋連接杆A，使間距X符合要求后再鎖緊螺母。

注意：左面是左旋螺母。

- b. 用手順時針方向旋轉皮帶輪，使針杆下移到最低點，同時彎針退至最右邊位置，此時彎針A(圖5)的針尖和機針B的中心線距離為8mm。調節時擰松彎針外曲柄的兩只螺釘C，左右擺動彎針外曲柄D，調節至需要的尺寸后再擰緊螺釘C。

注意：拧紧螺釘C時，須用手往回拉緊內搖杆；彎針外曲柄端面靠緊軸套端面，達到消除兩端面間隙的目的。(否則兩端面竄動會發生噪聲)。

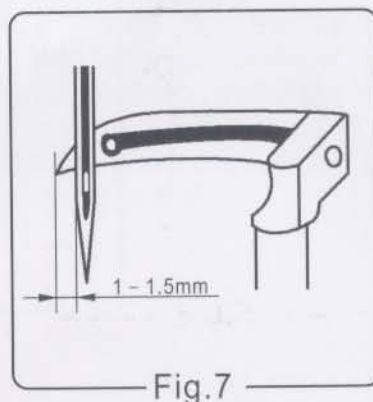
- c. 繼續轉動皮帶輪，使彎針A(圖5)從右向左運行，在通過機針背面的凹形處兩針相交時不得相碰，其間隙為0.08mm~0.13mm(圖6)。調節時擰松彎針小偏心搖杆C(圖4)的螺釘D，將彎針作前後擺動，從而得到合適的間隙后，再擰緊螺釘D。

(2) 針杆調節

卸下針板，將皮帶輪按工作方向轉動，使彎針向左邊運行，當彎針尖超出機針直徑1~1.5mm時，機針的針眼上緣須和彎針的底邊齊平(圖7)。調整針杆高度時，擰松針杆連軸節螺釘B(圖3)，上下移動針杆至合適位置后再擰緊螺釘B，並重新裝上針板。

(3) 護針塊調節

爲了避免機針下刺時發生彎曲，護針塊E(圖8)可起到保護作用。兩者的間隙為0.08mm~0.13mm(圖8)。調整時將皮帶輪往工作方向轉動，使護針塊最靠近機針時，擰松牙架F(圖5)上的緊定螺釘G，移動護針塊E至合適間隙后再擰緊螺釘G。



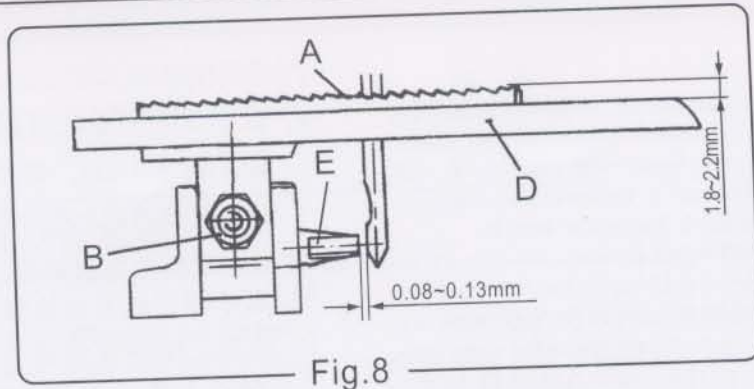


Fig.8

(4) Feed Dog

The height of the feed dog A(Fig.8)is determined by the quality and the thickness of the sewing materials. For closing thin material such as bags made of cloth and plastic, teeth surface should project 1.8mm above the throat plate D top surface, and for sacks about 2.2mm above the throat plate. For setting, move the feed dog to the highest position, loosen nut B and adjust feed dog by raising or lowering it. Retighten nut B.

If feed dog is not in the centre in the throat plate slots. Loosen screws D in the feed rocker C(Fig.9), move the feed rocker right or left as required. Then retighten screws D.

(5) Stitch Length

The length of the stitch can be adjusted by raising or lowering the stud A in the segment slot of the feed rocker C(Fig.9). Lowering the stud will lengthen the stitch. After loosening nut B, stud A can be moved accordingly. When the desired stitch length is obtained, retighten nut B. (For GK35-5 and GK35-6, the cloth plate should be removed to adjust.)

Caution: Any change of stitch length will necessitate a corresponding change of clearance between the needle guard and needle.

(4) 送料牙調節

根據縫料質量與厚度確定送料牙 A (圖8) 的高度。對於布袋、塑料編織袋等薄料，齒面應高出針板D上平面約1.8mm,麻袋約2.2mm,調整時先將送料牙運行至最高點,擰松螺母B,上下移動送料牙至合適的高度后固緊螺母B。

送料牙在針板槽內的兩側面間隙不對稱時,擰松牙架座C (圖9) 上的兩只螺釘D,左右移動牙架座至要求位置后再擰緊螺釘D。

(5) 針距長度調節

針距長短的調節,是通過牙架座C (圖9) 扇形槽中的針距調節螺釘A的上下移動來實現的。下降螺釘A使針距加大,升高則縮短針距。調節時擰松螺母B,上下移動螺釘A至合適的針距后再固緊螺母B。(GK35-5,-6型須卸下罩殼后再調節。)

注意: 針距變化將會使護針塊和機針間隙發生變化,必須作相應的調整。

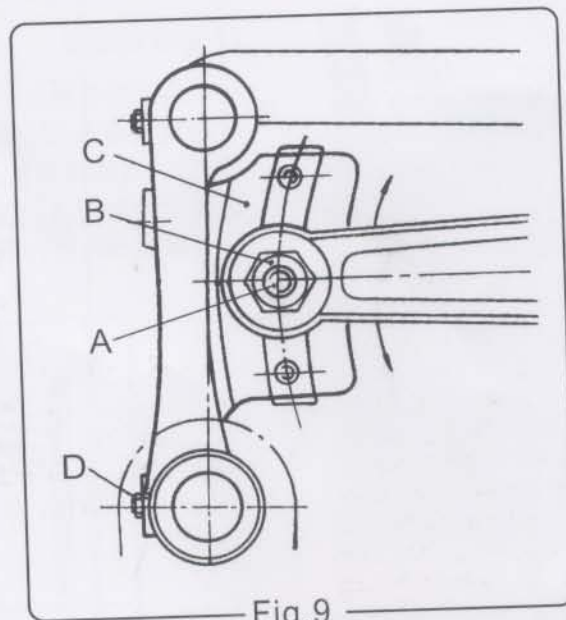


Fig.9

(6) Pressure of Presser Foot

The pressure of presser foot is determined by the thickness of the sewing material. When sewing thin materials, decrease pressure; When sewing thick materials, increase pressure. When feed sewing materials smoothly and stitches are uniform, don't increase pressure, to reduce parts wear. For setting pressure, turn two collars A in to increase pressure, turn out to decrease pressure.

(6) 壓腳壓力調節

壓腳壓力的大小，取決於縫料的厚度。縫薄料時須減少壓力；反之，則增大壓力。當縫料推送順暢，針迹均勻時切勿再增大壓力，以緩減機件的磨損。調節壓力時旋進兩只調壓螺套A（圖10）可增大壓力，旋出則減少壓力。

(7) Thread Tension

Thread tension is adjusted by thread tension assembly B and C (Fig.10), tension of upper thread is generally stronger than that of lower thread. Turn thread tension B and C in to increase the tension, turn them out to decrease the tension. If the stitch is still not good, should adjust the height of thread adjusting bar D. The height of the thread adjusting bar D is at the same level with the thread eye of the needle bar connection at its highest position.

(7) 縫綫張力調節

縫綫張力由夾綫器B與C（圖10）來調節。通常面綫的張力要比底綫的張力大。旋進夾綫器B與C上的螺母使張力增大，旋出則減少。

在調節縫綫張力后，綫迹仍有緊松現象，應調節綫量調節杆D的高度。原則上綫量調節杆D的高度與針杆連軸節E升至最高點時的綫眼基本呈水平狀態。

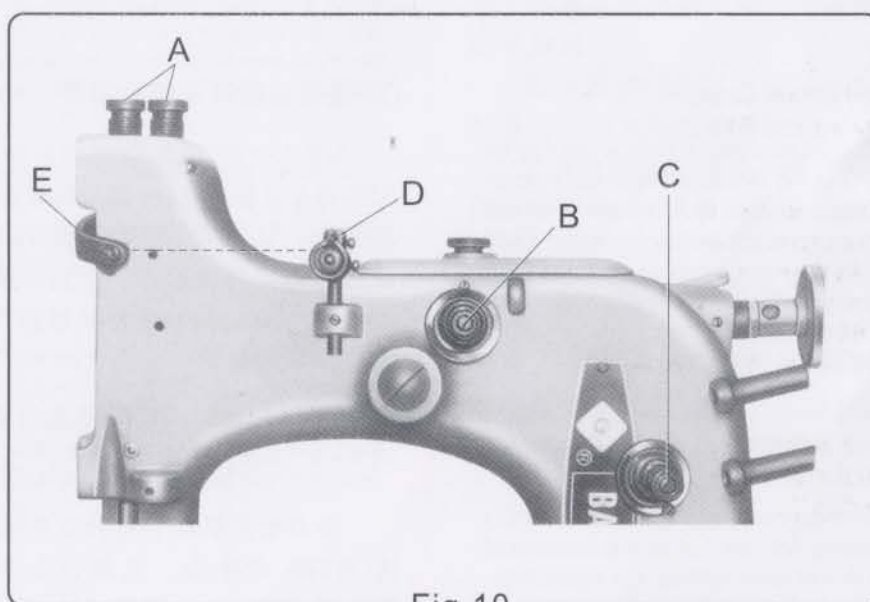


Fig. 10

(8) Loper Thread Take-up Mechanism

Looper thread take-up mechanism consists of looper thread take-up A (Fig. 11) and cast-off hook C. When the needle falls into the loop formed by looper, the point of the descending needle is flush with the lower edge at looper or projects up to 1mm below the lower edge of the looper. At the same time, lower thread is released in R angle B from the looper thread take-up A. For adjustment, loosen screw D, raise the looper thread take-up A to delay releasing of the lower thread; lowering the looper thread take-up to move up the releasing of the lower thread. Retighten screw D. It is very important for stitch forming to adjust thread take-up correctly.

(8) 彎針挑綫機構調節

彎針挑綫機構由挑綫動片A和挑綫定片C（圖11）組成。當機針下降刺入由彎針形成的綫環中，針尖超出彎針下緣1mm以內時，底綫同時從彎針挑綫動片A的圓角B滑脫。調整時擰松螺釘D，升高彎針挑綫動片A可延遲底綫釋放，反之則提前底綫滑脫。調整后擰緊螺釘D。正確調節面綫和底綫挑綫，對綫迹的形成十分重要。

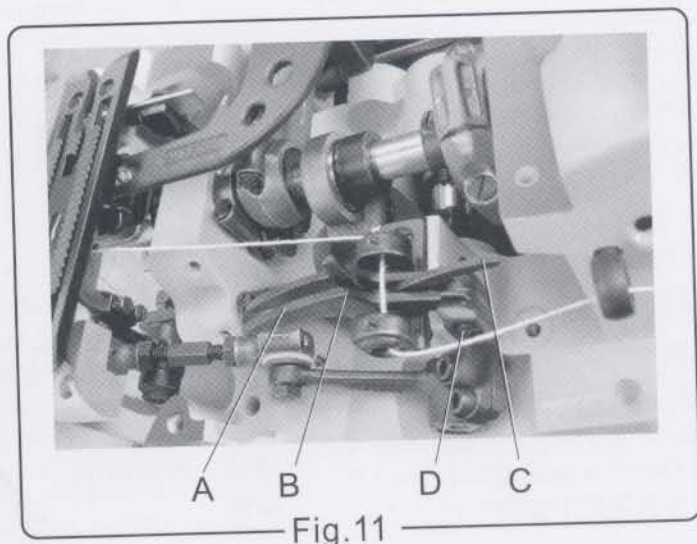


Fig.11

(9) Mechanism Thread Chain Cutter

Model GK35-2C thread chain cutter is driven by mechanism. The knife C (Fig.12) is positioned in the tapered slot in the front of the base by screw D. The cutting steel B is positioned in the slot of the knife holder by screw A and goes back and forth with the running of the machine. In cutting, the edge of the cutting steel and the knife should overlap by 0.5mm. For adjustment, loosen screw A and D, set as required, retighten screw.

Caution: The tips of the knife and the cutting steel should be positioned 0.3~0.5mm above the throat plate bottom surface.

The lateral pressure between the knife and the cutting steel is activated by the spring A (Fig.13). And it is determined by actual requirement in thread chain cutting. For adjustment, loosen the collar C of spring and screw B, increase or decrease the pressure as required, then retighten screw B.

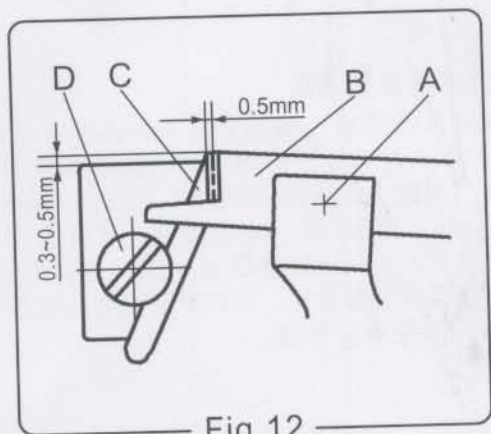


Fig.12

(9)機械式綫辮切刀的調節

GK35-2C型的綫辮切刀由機械機構驅動。切刀定片C (圖12)由螺釘D固定在車殼底座前端的斜槽中，切刀動片B由螺釘A固定在剪刀架槽中隨機器運轉而往復動作。切割時動片刀刃應超過定片刀刃0.5mm。調整時擰松螺釘A與D，調節至要求后重新擰緊螺釘。

注意：切刀動片與切刀定片刀尖應高于針板下平面0.3~0.5mm。

切刀動片與切刀定片之間的側向壓力是由彈簧A(圖13)產生的，其壓力大小應根據切割綫辮時的實際需要而定。調節時擰松彈簧擋圈C上的螺釘B進行減少或增大壓力調節，調整后重新擰緊螺釘B。

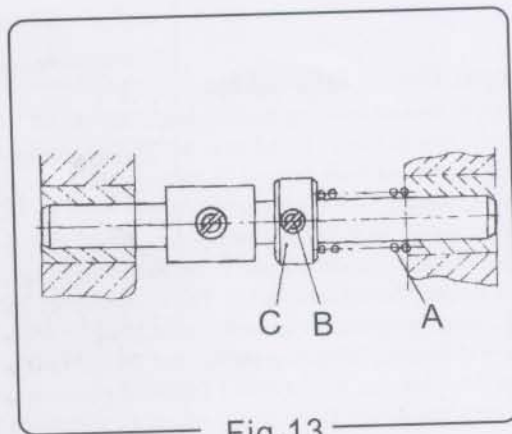


Fig.13

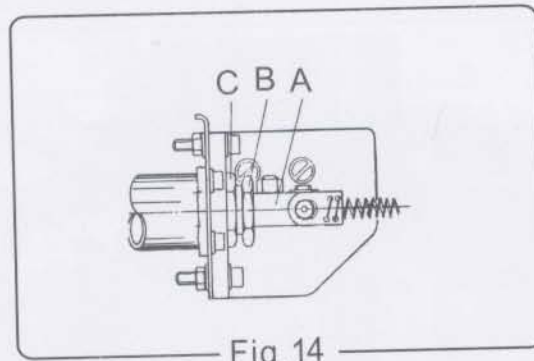


Fig. 14

(10) Solenoid and Electro-pneumatic Cutter

Model GK35-6 thread chain cutter is driven by air cylinder. When the thread chain cutter is in its home position below the throat plate, the knife tip of the chain cutter S (Fig. 15) should be positioned 0.5mm below the throat plate top surface. To obtain this, adjust the knife lever stop screw T with lock nut in the bottom of the bed casting accordingly. Retighten nut. In cutting position, above the throat plate top surface, the cutting edges of the chain cutters should overlap by 0.3mm.

Press clamp A (Fig. 14) on the piston rod of the air cylinder against the hexagon head stop screw B in or out as required, until the cutting edges overlap about 0.3mm. Secure the setting of stop screw B with lock nut C.

Caution: The piston of the air cylinder should not strike against the cylinder inside when actuated. The stroke of piston must be limited by clamp A (Fig. 14) striking against hexagon head stop screw B. Operating pressure of air cylinder is 0.3-0.5Mpa.

(10) 氣動式綫辮剪刀裝置的調節

GK35-6型的綫辮剪刀由氣缸驅動。當剪刀處于復位位置時，刀尖 S (圖15) 應低于針板上平面 0.5 mm，調整時擰松機殼底座上的限位螺釘 T 的鎖緊螺母，旋進或旋出限位螺釘至合適刀尖位置后，重新鎖緊螺母。

當剪刀伸出針板上平面最高點，處在剪割綫辮位置時，兩刀刃應重疊 0.3mm。

將氣缸活塞杆夾 A (圖14) 往內推，靠緊氣缸調節螺套 B，松開鎖緊螺母 C，旋進或旋出氣缸調節螺套 B 調節至刀刃重疊約 0.3mm 為止。重新鎖緊螺母 C 來固定氣缸調節螺套 B。

注意：氣缸活塞動作時不得碰撞氣缸后端蓋內壁，應由氣缸調節螺套 B 和活塞杆夾 A 來限位。氣缸工作壓力為 0.3 - 0.5Mpa。

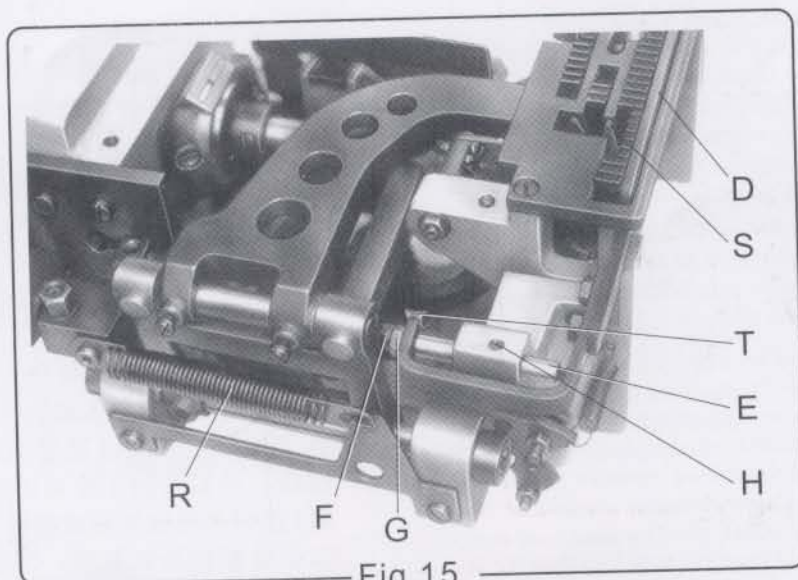


Fig. 15

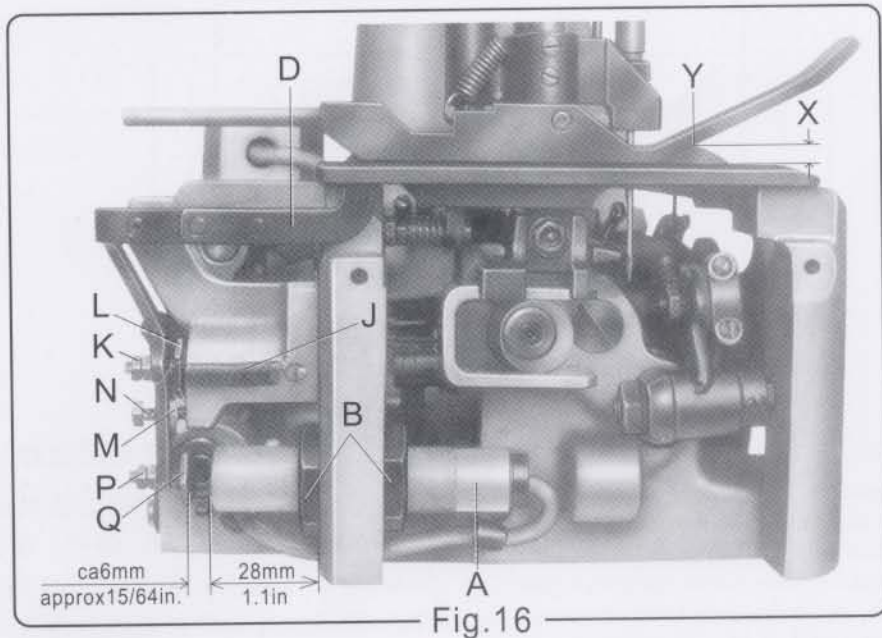


Fig. 16

(11) Setting the Feeler (GK35-6)

a. Mounting the Proximity Switch

Remove colth plate and left end cover, mount the electronic proximity switch A (Fig. 16) to the dimension of 28mm as shown in (Fig. 16). When retighten two plastic nut B, don't damage the proximity switch.

b. Setting the Feeler

The feeler D (Fig. 15 and Fig. 16) is adjusted initially with the two fastening screws for the feeler support bracket. The feeler should not have any lateral play, but should turn readily. For this, loosen lock nut G (Fig. 15), turn fastening screw F in or out as required, until the feeler turn readily. Retighten lock nut G.

The feeler D should be in the centre of the throat plate and the slot of the presser foot. For this, loosen lock screw H (Fig. 15) and centre the feeler D in the throat plate and presser foot slot by moving the centring shaft E (Fig. 15) laterally. Retighten screw H.

c. Setting the height of the Feeler

The dimension X (Fig. 16) between upper throat plate surface and the feeler should not be less than 7mm (set as high as possible). The distance between upper edge Y of feeler and lower edge of the feeler slot cut-out in the presser foot should be approx. 1mm to prevent impacting. For adjustment, loosen nut K and turn off screw L, so that the head of screw does not contact the magnet in the feeler support bracket. Loosen nut M and turn the feeler stop screw N in or out as required, to adjust the correct feeler height X. Secure the set feeler height with lock nut M.

d. Setting the Switching Pressure (Fig. 16)

The switching pressure on the feeler D is determined by the distance between screw L and the magnet in the feeler support bracket. The closer the head of screw L to the magnet, the higher the switching pressure on the feeler. For adjustment, turn screw L slowly towards to magnet in the feeler support bracket, until its head just contacts the magnet, then turn it back 1/2 turn, so that the feeler moves freely. Secure the position of screw with lock nut K.

(11) 傳感啓動裝置調節 (GK35-6)

a. 安裝接近開關

卸下罩殼、前蓋板，將接近開關A(圖16)調整至車殼底座外側約28mm，調整后擰緊兩只螺母B。注意：防止損壞接近開關。

b. 啓動杆擺動調節

啓動杆D(圖15與圖16)在頂尖支承螺釘F(圖15)上，軸向不得有間隙則轉動靈活，調整時擰松鎖緊螺母G(圖15)，旋進或旋出頂尖螺釘F，直至啓動杆達到轉動要求后再鎖緊螺母G。

啓動杆D在針板與壓腳槽中心的兩側間隙須對稱，上下擺動須極靈活。調整時擰松緊定螺釘H(圖15)橫向移動中心軸E(圖15)直至啓動杆在針板和壓腳的槽中對稱爲止，重新擰緊螺釘H。

c. 啓動杆高度調節

啓動杆D至針板平面的高度尺寸X(圖16)不得小于7mm(盡可能調高)，啓動杆的最高點Y和壓腳槽口上沿應保留1mm左右的間隙以免相碰。調整時松開螺母K和磁鐵感應螺釘L，使螺釘頭部脫離啓動杆支架座中的磁鐵接觸，然后再松開螺母M，旋進或旋出啓動杆限位螺釘N，直至啓動杆高度X達到要求爲止，重新鎖緊螺母M。

d. 啓動杆壓力調節(圖16)

啓動杆D的工作壓力由拉簧J及磁鐵感應螺釘L與支架座上的磁鐵遠近而決定，螺釘頭部L越靠近磁鐵，啓動杆的工作壓力越大。調整時緩慢旋進螺釘L使頭部輕微和磁鐵接觸，然后再旋出螺釘1/2圈，以使啓動杆擺動靈活，并重新鎖緊螺母K。

e. Setting the Switching Point (Fig.16)

The electrical switching point of the proximity switch A is determined by screw Q. When the feeler is in home position, the distance between screw head and the face of the proximity switch is approx. 6mm (just for reference, should connect the machine electrically to set). With the feeler in home position set the proper switch in point as follows: Loosen nut P, turn screw Q away from switch, until the switch switches on. Then turn screw Q slowly towards the switch, until the switch switches off. Now turn screw a further 1/2 turn towards the switch. Secure this position of screw Q with lock nut P.

e. 接近開關轉換點調節(圖16)

接近開關A的開閉轉換點由螺釘Q控制，當啓動杆D處於復位位置時，螺釘Q頭部和接近開關的正面間距約6mm。(僅供參考尺寸。應接上電源進行實踐調試)調整時啓動杆必須處在復位位置，擰松螺母P，先將螺釘Q旋出(離開開關)，直至電源接通後再反過來緩慢地旋進螺釘(靠近開關)，視電源切斷時爲止，此刻應將螺釘旋進1/2圈，并鎖緊螺母P來固定螺釘。

(12) Setting the Time Delay Relay

Setting the time delay relay in the switch box of the sewing station under following conditions.

- a. The sewing machine does not fully stop, the cutter is actuated.
- b. After the bag on the feeder is closed, it will continue to sew out a length of thread chain. When the thread chain hasn't been tightened, the cutter is actuated.

Caution: When setting the relay, there is line-voltage on the open switch box.

(12) 時間繼電器調節

電器控制箱中的時間繼電器在出現下列情況時應作延時調整。

- a. 縫紉機未完全停止轉動時剪刀開始動作。
- b. 輸送進給裝置上運送的袋被封裝後將繼續縫出一小段綫辮，而這段綫辮未綑直時剪刀開始動作。

注意：開關箱有線路電壓，調整時間繼電器時應注意安全。

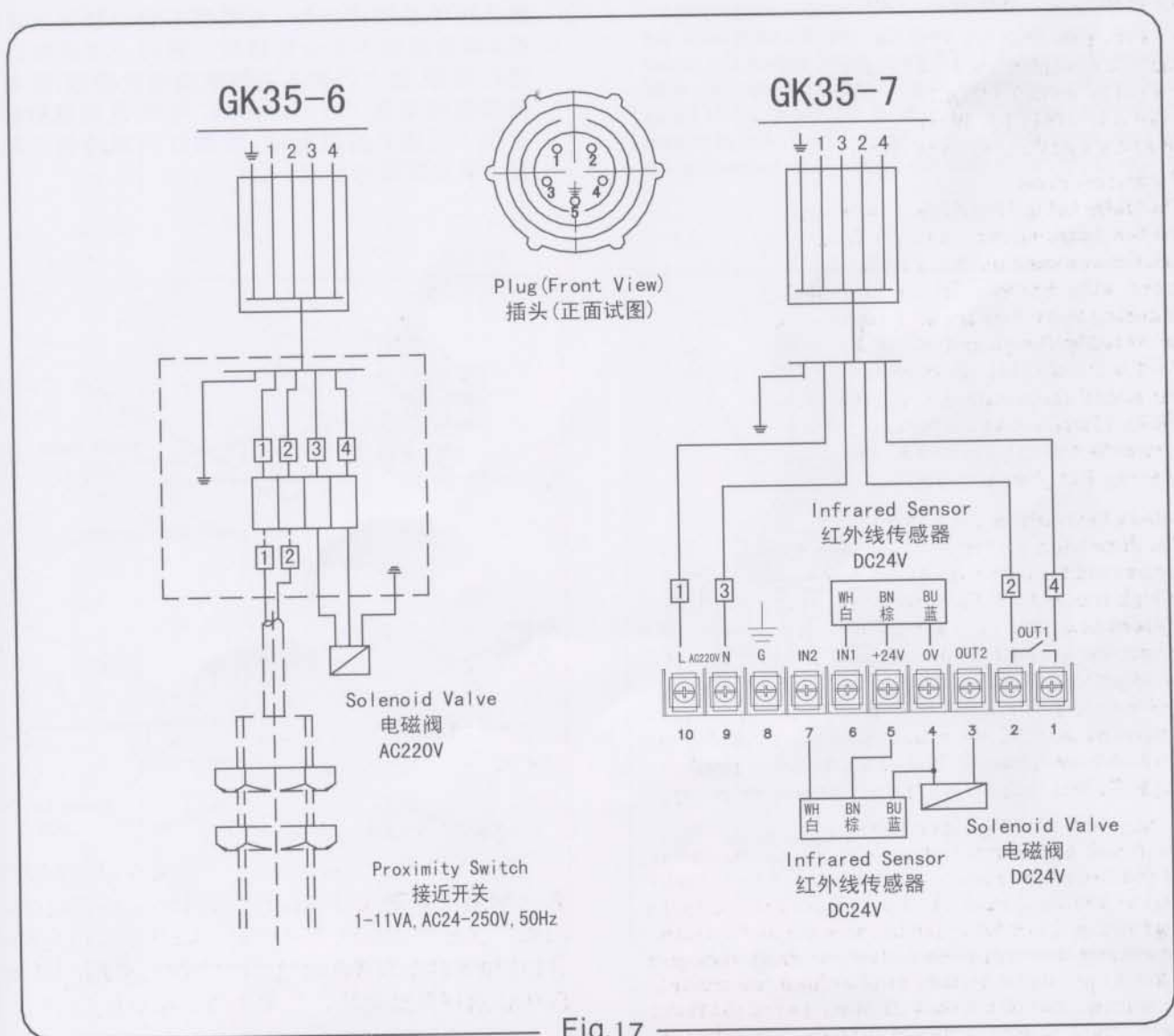


Fig.17

(13). Cutter

Model GK35-7 To occlude the upper and lower blades, manually move the upper blade. To do so, put off air source.

- a. Move the upper blade down to make it closed to the lower blade, fit clearance of the blade back is 0.1~0.2 MM (Fig.19), between upper blade and lower blade should be able to insert or pull out a kraft paper smoothly.
- b. When you do adjustment as requirement a), (Fig.18) loosen screw (a) and (f), rotary screw (d) to make lower blade position reaches requirement a) then tighten.
- c. After the adjustment by steps a) 、 b), cut a crepe tape or thaead for test. If the front end of the cutter cuts but the rear end does not, there is a gap on the rear side. In this case, loosen the nut (b) and loosen the screw (c) by 1/8 turn, and cut the thread again for test. If it still does not cut, loosen the screw (c) by another 1/8 turn and repeat this adjustment and test cut until the thread can be cut, and then retighten the nut (b) screw (a). If the rear end of cutter cuts but the front end does not cut, the adjustment by step a) is insufficient. Then make readjustment of the rear side so than the gap between both the blades become 0.1 to 0.2mm Here, adjust the upper and lower blades so than they are in contact with each other on the front side. If the lower blade tends to turn away without cutting, increase the pressure of the spring by turning the screw (e) clockwise. (Fig.19)

(13) 氣動式綫辦切刀的調節

GK35-7型在調節切刀之前，必須切斷氣源。在每次調換上、下刀頭時，都必須進行調整。

- a. 用手移動上刀使上刀下降與下刀閉合，其刀後側的配合間隙為0.1-0.2mm，(如圖19所示)，在上刀與下刀之間應當可以順暢的插入或抽出一張牛皮紙。
- b. 按a項要求調整時，如(圖18所示)先鬆開螺釘(a)和螺母(f)。旋轉螺釘(d)使下刀位置達到a項要求後再擰緊螺母(f)。
- c. 在上述兩項調整結束後，用手扳動切割器，試着將皺紋紙或縫綫切斷一次。
 - * 當出現切割器的前端側能切割，後端側不能切割的現象時，是後端側的間隙太大的緣故。
 - * 如圖18所示，先鬆開螺母(b)再將螺釘(c)旋出1/8圈之後，試着再切割皺紋紙或縫綫。如若切割仍然不理想，請再將(c)螺釘旋出1/8圈進行調整，依此類推直到能夠切割為止，然後將螺母(b)和螺釘(a)擰緊。
 - * 當出現後端側能切割、前端側不能切割的現象時，是a項的調整不充分的緣故。請再一次用螺釘(d)進行調整，將上刀與下刀的前端彼此接觸，後端側的間隙設定為0.1~0.2mm。另外，在切割的時候出現下刀讓刀的情況時，將螺釘(e)順時針方向轉動，增大彈簧的壓力。

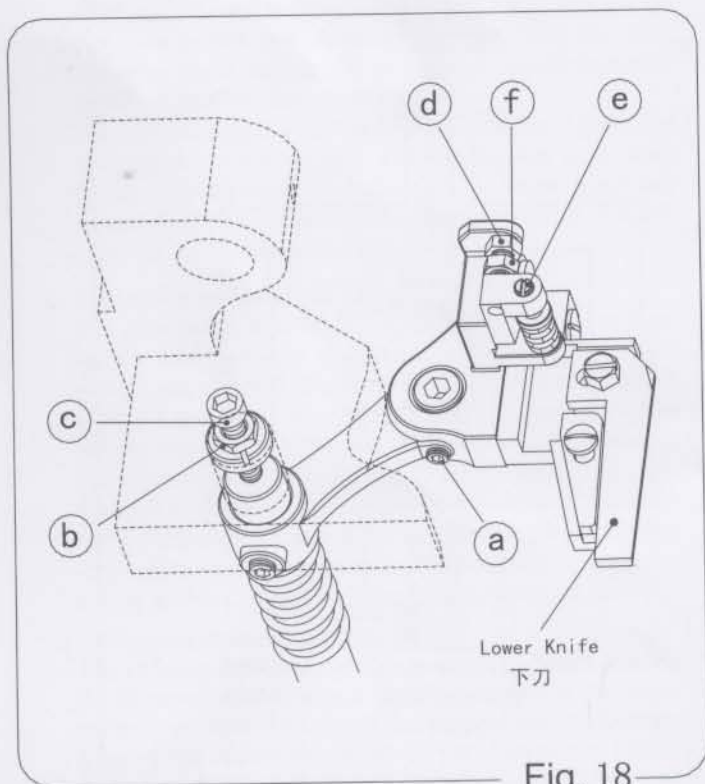


Fig. 18

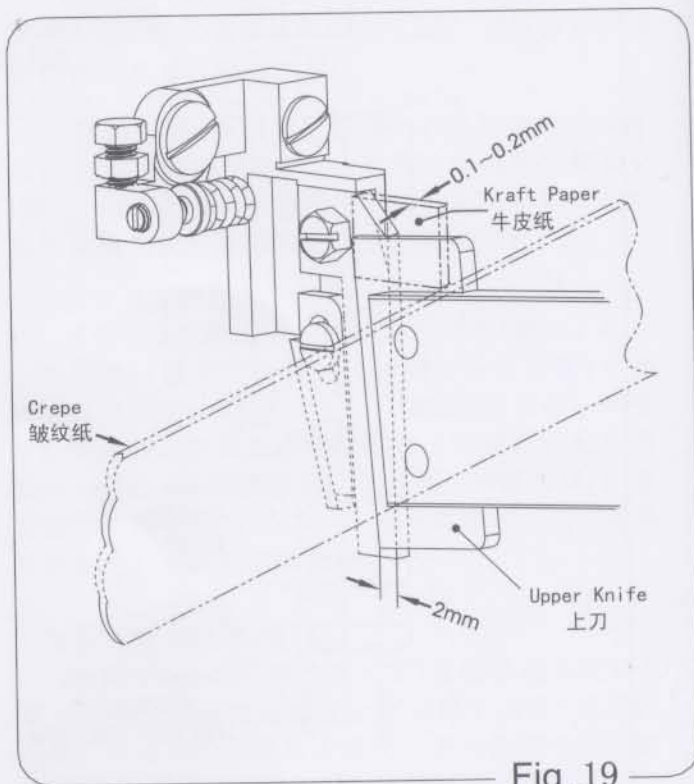


Fig. 19

8. Adjusting/調試

- d. Adjust the overlapped depth of the upper and lower blades by changing the length of air cylinder rod end so that the distance between the upper face of the lower blade and the rear side of the upper blade becomes 2mm, as shown in(Fig.20).
 - e. Do not operate without Air Source Filter on the Solenoid Valve of Column.
 - f. Adjust air pressure to 58psi (4kg/cm²) not to exceed 71psi(5kg/cm²)
- d. 上刀與下刀的咬合深度為2mm。調節方法是改變氣缸連桿兩端的長度,參照圖19將上刀與下刀的咬合深度調整為2mm。
 - e. 立柱電磁閥上必須安裝氣源過濾器後,方能啟動。
 - f. 調整氣壓到58psi(4kg/cm²),不超過71psi(5kg/cm²)。

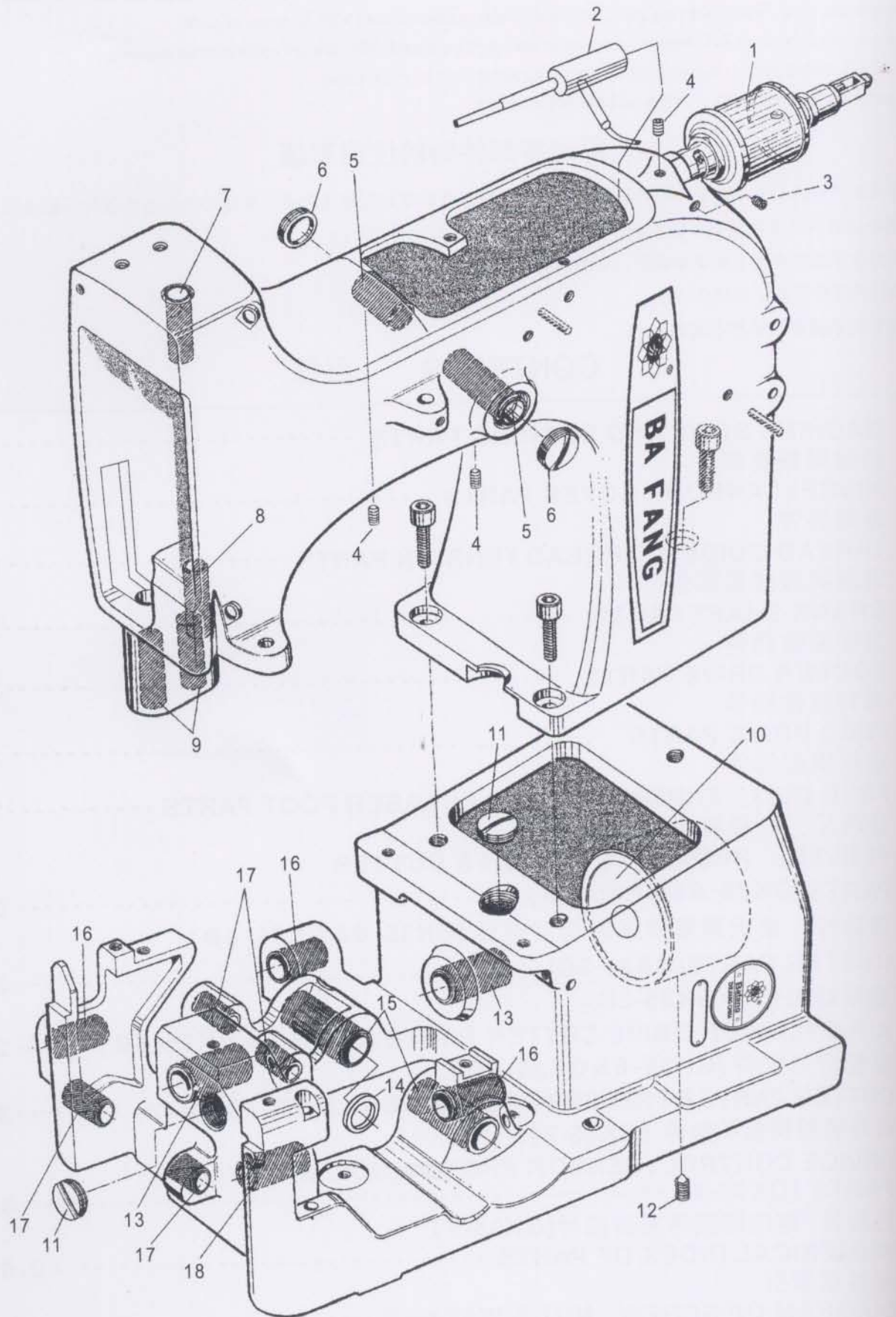
9. Troubleshooting

Problem	Cause	Solution	Ref.
Thread Breaks	<ol style="list-style-type: none"> 1. Improper thread 2. Thread jamming 3. Thread tension is too tight 4. Uneven thread, not strong enough 5. There are burrs on needle eye, throat plate hole and looper 6. Motion of needle and looper is not timed each other 7. Needle strikes needle guard or looper 8. Feed dog teeth are too sharp 9. Excessive presser foot pressure 10. Position of looper thread take-up piece is too high, releasing of lower thread is too slow 	<p>Rethread Check and resolve Release thread tension Select good quality thread Grind or replace</p> <p>Adjust as required Adjust as required Wear teeth dull Decrease pressure Lower looper thread take-up piece, fasten lower thread releasing</p>	<p>6 8-(7) 8-(7) 6 8-(1) 8-(1)/(3) 8-6 8-(8)</p>
Skipping	<ol style="list-style-type: none"> 1. Incorrect setting of needle 2. Motion of needle and looper is not timed each other 3. Position of needle is too high or needle is bent 4. Position of looper thread take-up piece is too low, releasing of lower thread is too fast 5. Thin needle, rough thread 	<p>Adjust needle Adjust as required Adjust the height of needle or replace Raise the position of thread take-up piece, delay lower thread releases Replace needle or thread</p>	<p>7 8- (1) 8- (2) 8-(8) 6</p>
Needle Breaks	<ol style="list-style-type: none"> 1. Needle bent 2. Needle strikes looper or needle guard hard 3. Conveyor speed is faster than sewing speed 4. Thin needle closing thick sewing materials 	<p>Replace needle Adjust the play Adjust conveyor or sewing speed Replace needle</p>	<p>8-(1)</p>
Needle Thread Tension Uneven	<ol style="list-style-type: none"> 1. Insufficient needle thread or excessive needle thread 2. Improper needle thread tension pressure 	<p>Adjust height of thread adjusting bar Adjust thread tension pressure</p>	<p>8-(7) 8-(7)</p>
Looper Thread Tension Uneven	<ol style="list-style-type: none"> 1. Insufficient looper thread or excessive looper thread 2. Improper looper thread tension pressure 	<p>Adjust position of looper thread take-up Adjust thread tension pressure</p>	<p>8-(8) 8-(7)</p>
Feeding Material Stagnant	<ol style="list-style-type: none"> 1. The surface of feed dog is too low or wear out 2. Presser foot pressure is too small 3. Screw of feeding cam is loose 	<p>Raise feed dog or replace Increase pressure Tighten screw</p>	<p>8-(6)</p>
Upper and Lower Material not in a level	<ol style="list-style-type: none"> 1. Presser foot pressure is too small 2. Presser foot surface is not smooth, friction is too large 	<p>Adjust to increase pressure Polish presser foot</p>	<p>8-(6)</p>
Machine Runs Hard	<ol style="list-style-type: none"> 1. The machine assembled bad 2. Pulley is too tight 3. Moving parts lack of oil 	<p>Check assembling clearance and adjust Release pulley Cleaning and oiling</p>	
Large Noises	<ol style="list-style-type: none"> 1. Driving parts are vulnerable, lead to clearance increasing 2. Set screw is loose, lead to parts striking each other 3. Oil connections are not smooth, lack of oil 	<p>Replace parts Tighten screw Cleaning and oiling</p>	<p>5</p>

9. 機器故障原因及解決方法

故障內容	原因	解決方法	參考
斷綫	1. 綫路穿錯 2. 綫源軋住 3. 縫綫張力太緊，出綫量不足 4. 縫綫粗細不勻，拉力強度不夠 5. 機針孔、針板孔或彎針孔有毛刺 6. 機針與彎針運動位置配合不好 7. 機針與護針塊或彎針相碰 8. 送料牙齒尖太銳 9. 壓腳壓力過大 10. 彎針挑綫動片位置過高，底綫釋放過慢	正確穿綫 檢查排除 放鬆夾綫板壓力 選擇質量合格的縫綫 用細砂布砂光或調換 重新調整 重新調整間隙 磨鈍齒尖 放鬆壓腳壓力 降低位置，加快底綫釋放時間	6 8-(7) 8-(7) 6 ※ 8-(1) 8-(1)/(3) ※ 8-(6) 8-(8)
跳針	1. 機針凹型面裝反或裝斜 2. 機針與彎針運動不協調 3. 機針太高使彎針勾不到綫或機針彎曲 4. 彎針挑綫動片位置過低，過早釋放底綫 5. 機針細，而縫綫粗，配合不當	調整機針方向 重新調整 調整機針高度或換新針 調高位置，延遲底綫釋放 調換機針或縫綫	7 8-(1) 8-(2) 8-(8) 6
斷機針	1. 機針彎曲 2. 機針與掙針塊或彎針相碰 3. 輸送機速度快於縫紉速度 4. 細針縫厚料	換針 調整相互間隙 調整輸送機速度或縫紉速度 換粗針	※ 8-(1) ※ ※
機針綫緊松不勻	1. 機針綫綫量不足或過多 2. 機針綫夾綫板壓力過大或過小	調節綫量調節杆高度 調整夾綫板壓力	8-(7) 8-(7)
彎針綫緊松不勻	1. 彎針綫出綫量不足或過多 2. 彎針綫夾綫板壓力過大或過小	調整彎針挑綫動片高低位置 調整夾綫板壓力	8-(8) 8-(7)
送料呆滯	1. 送料牙齒面過低或齒面磨損 2. 壓腳壓力過小 3. 送料凸輪緊定螺釘鬆動	抬高齒面或調換送料牙 增加壓腳壓力 擰緊螺釘	※ 8-(6) ※
上下層縫料不齊	1. 壓腳壓力太小 2. 壓腳底面不光滑，阻力過大	調節調壓螺套，增加壓腳壓力 拋光壓腳底面	8-(6) ※
運動沉重	1. 機器裝配不良 2. 傳動皮帶過緊 3. 運動部位缺油	檢查裝配間隙，進行調整 適當放鬆皮帶 清除污物后注入潤滑油	※ ※ ※
噪聲大	1. 傳動零件磨損使間隙增大 2. 緊定螺釘鬆動使零件之間發生碰撞 3. 油路不暢缺油	調換新零件 擰緊各部位螺釘 清除油路內塵埃，注入清潔潤滑油	※ ※ 5

01 MACHINE BODY AND BUSHING PARTS 機體與軸套部件



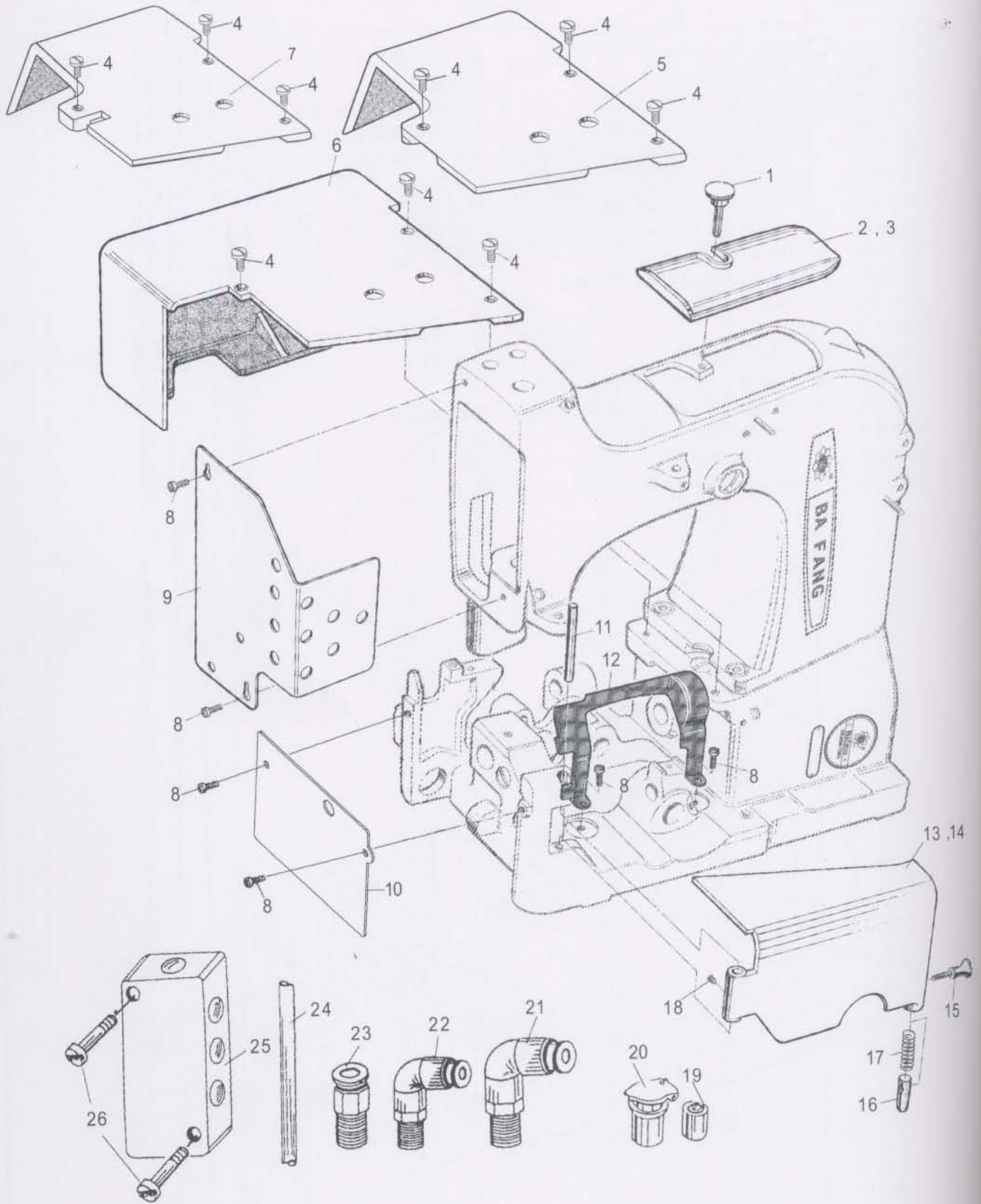
01 MACHINE BODY AND BUSHING PARTS

機體與軸套部件

序號 Ref.No.	零部件件號 Part No.	零部件名稱 Description	數量Q'ty			備注 Remarks	
			-2C	-6	-7		
1	1001-5	Sight Feed Oiler	滴注式油杯M14×1.5	1	1	1	
2	3501001	Oil Cup Base	油杯座	1	1	1	
3	AD506N	Screw	內六角凹端螺釘M5×6	1	1	1	
4	AD508N	Screw	內六角凹端螺釘M5×8	3	3	3	
5	3501002	Bushing for Needle Lever Shaft	針杆杠杆軸套	2	2	2	
6	3501003	Plug Screw	杠杆軸悶頭	2	2	2	
7	3501004	Needle Bar Bushing , upper	針杆上軸套	1	1	1	
8	3501005	Needle Bar Bushing , lower	針杆下軸套	1	1	1	
9	3501006	Presser Bar Bushing	壓腳杆下軸套	2	2	2	
10	3501009	Crank Shaft Bearing Housing	悶頭	1	1	1	
11	3501010	Plug Screw	螺塞	2	2	2	
12	ZD825N	Screw	內六角錐端螺釘M8×25	1	1	1	
13	3501011	Crank Shaft Bushing	主軸軸套	2	2	2	
14	3501012	Washer	墊圈	1	1	1	
15	3501013	Looper Drive Lever Shaft Bushing	彎針軸軸套	2	2	2	
16	3501014	Feed Rocker Shaft Bushing	軸套	3	3	3	
17	3501015	Knife Lever Shaft Bushing	軸套	2	2	-	
18	3501016	Looper Shaft Bushing , front	軸套	1	1	1	

02. MISCELLANEOUS COVER PARTS

罩殼部件

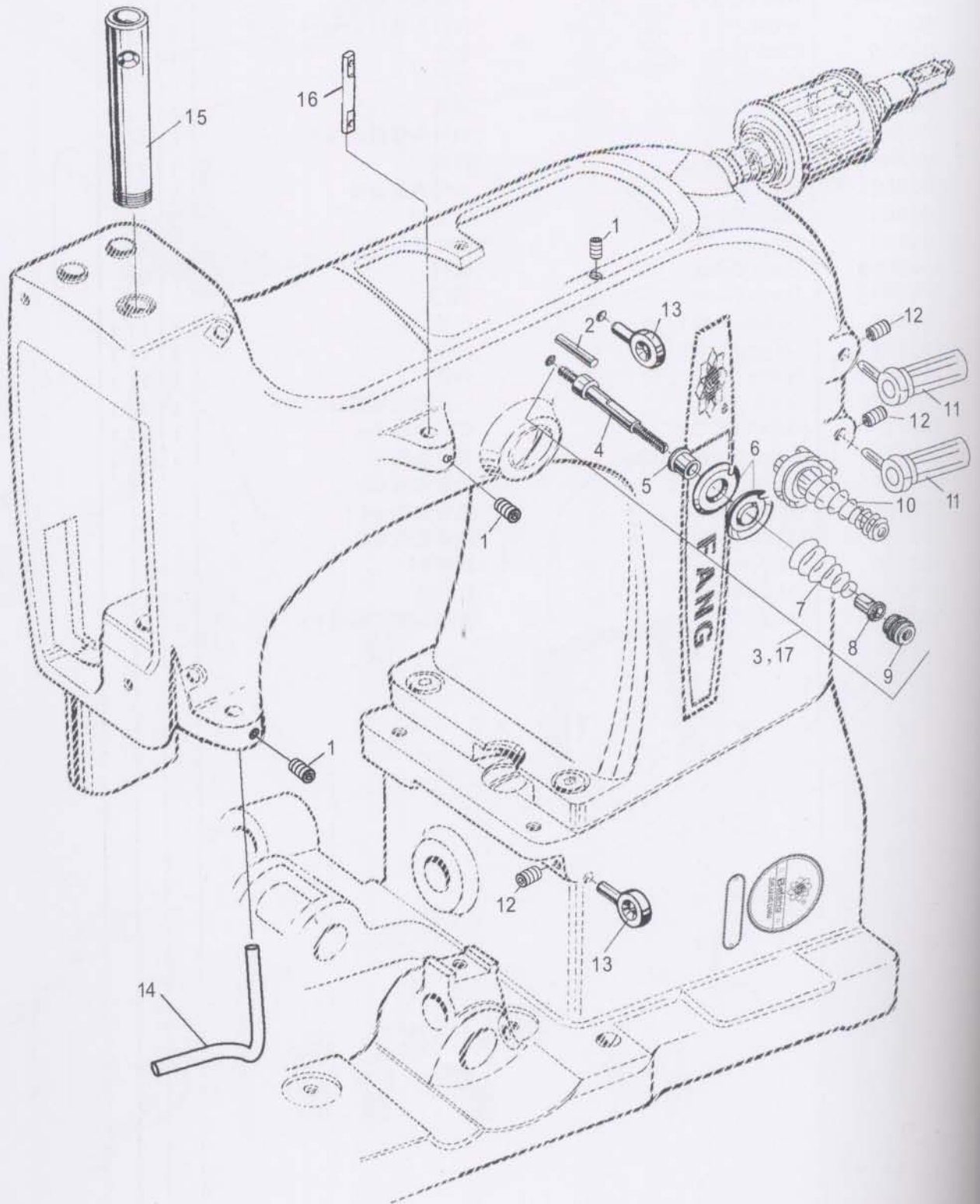


02.MISCELLANEOUS COVER PARTS

罩殼部件

序號 Ref.No.	零部件件號 Part No.	零部件名稱 Description	數量Q'ty			備注 Remarks
			-2C	-6	-7	
1	3502017	Screw				
		盖板捏手	1	1	1	
2	3502018	Arm Cover				
		上盖板	1	-	1	
3	3502018R	Arm Cover				
		上盖板	-	1	-	
4	YT515	Screw				
		圓柱頭螺釘M5×15	3	3	3	
5	3502019	Cloth Plate				
		罩壳	1	-	-	
6	3502020R	Cloth Plate				
		罩壳	-	1	-	
7	3502019B	Cloth Plate				
		罩壳	-	-	1	
8	YT508D	Screw				
		圓柱頭螺釘M5×8	6	6	6	
9	3502021	Face Cover				
		面板	1	1	1	
10	3502022	End Cover				
		車壳座前盖板	1	1	1	
11	3502024	Hinge Pin				
		鉸鏈銷	1	1	1	
12	3502025	Guard				
		擋線板	1	1	1	
13	3502026R	Hinge Cover				
		搖門	1	1	-	
14	3502026B	Hinge Cover				
		搖門	-	-	1	
15	3502027	Locking Bolt Knob				
		捏手	1	1	1	
16	3502028	Locking Bolt				
		插銷	1	1	1	
17	3502029	Spring				
		彈簧	1	1	1	
18	AD505N	Screw				
		內六角凹端螺釘M5×5	1	1	1	
19	1001-1	Pinball Oil Cup				
		彈子油杯 φ6	1	4	4	
20	1001-3	Spring Cover Oil Cup				
		彈簧蓋油杯	4	4	4	
21	1001-4R	Oil Pipe Bend				
		油管彎頭 φ6	-	1	-	
22	1001-5R	Oil Pipe Bend				
		油管彎頭 φ4	-	4	-	
23	1001-6R	Oil Pipe Joint				
		油管接頭 φ4	-	4	-	
24	1001-8R	Oil Pipe				
		油管φ4	-	4	-	
25	3510195R	Oil Distributor				
		分油器	-	1	-	
26	YT420	Screw				
		圓柱頭螺釘M4×20	-	2	-	

03.MISCELLANEOUS THREAD GUIDE AND THREAD TENSION PARTS
過綫與綫張緊部件

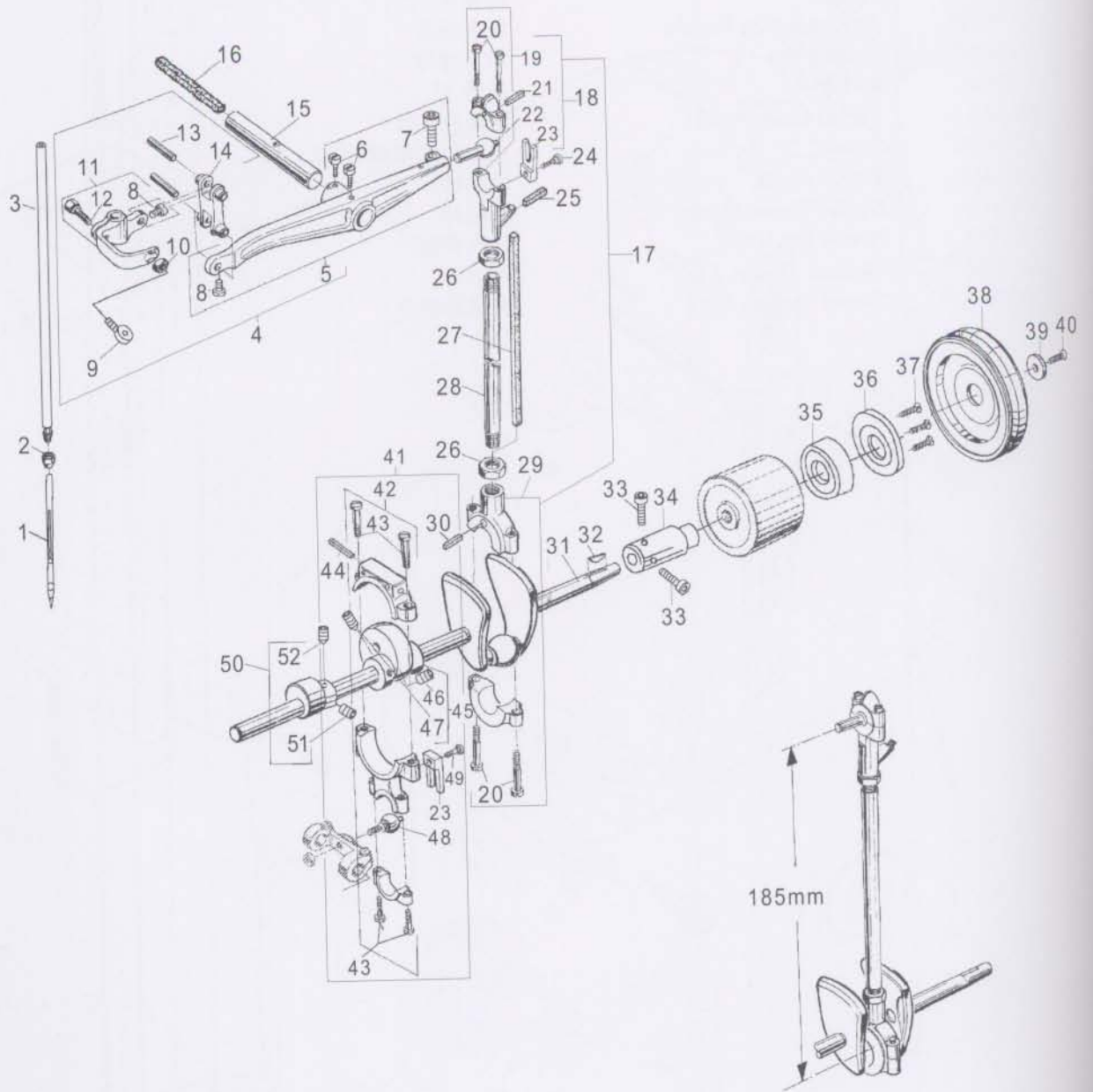


03.MISCELLANEOUS THREAD GUIDE AND THREAD TENSION PARTS

過綫與綫張緊部件

序號 Ref.No.	零部件件號 Part No.	零部件名稱 Description	數量Q'ty			備注 Remarks	
			-2C	-6	-7		
1	AD505N	Screw	內六角凹端螺釘 M5×5	3	3	3	
2	3503034	Pin	銷	2	2	2	
3	350302	Thread Tension Ass'y	夾綫器組件	1	1	1	(4~9)
4	3503035	Tension Post	夾綫螺柱	2	2	2	
5	3503036	Tension Post Ferrule	夾綫板滾柱	2	2	2	
6	3503037	Tension Disc	夾綫板	4	4	4	
7	3503038	Spring	壓簧 φ1.2	1	1	1	
8	3503039	Tension Spring Ferrule	壓簧壓套	2	2	2	
9	3503040	Tension Nut	調節螺母	2	2	2	
10	3503041	Spring	壓簧 φ1	1	1	1	
11	350303	Thread Guide Ass'y	導綫柱組件	2	2	2	
12	AD508N	Screw	內六角凹端螺釘 M5×8	3	3	3	
13	3503043	Thread Guide	過綫柱	2	2	2	
14	3511200	Needle Thread Guide	攔綫杆	1	1	1	
15	3503044	Needle Bar Guide	針杆护套	1	1	1	
16	2002036	Thread Guide	導綫柱	1	1	1	
17	350302X	Thread Tension Ass'y	夾綫器組件	1	1	1	(4~6, 8~10)

04. CRANK SHAFT PARTS 主軸驅動部件



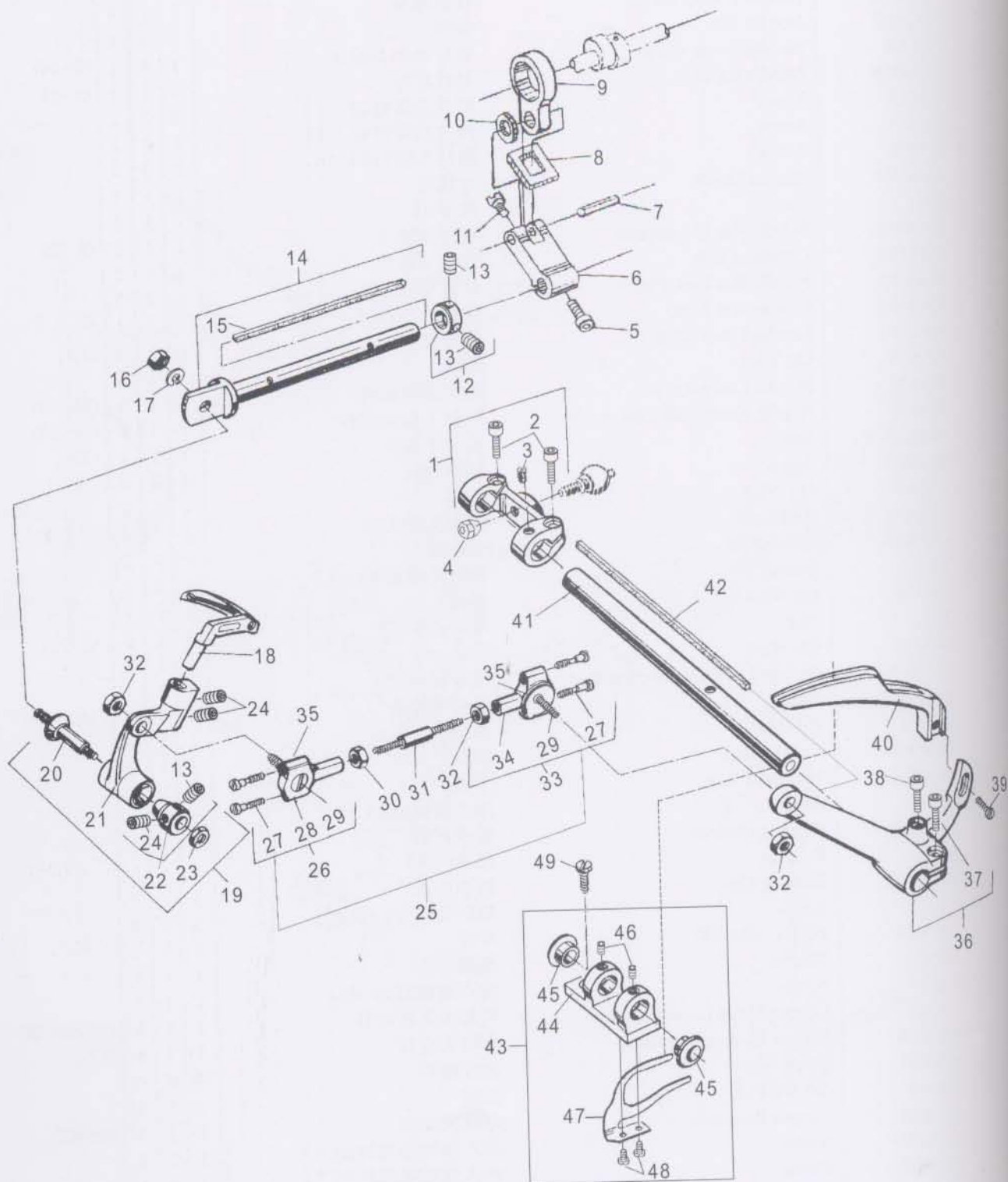
04. CRANK SHAFT PARTS

主軸驅動部件

序號 Ref.No.	零部件件號 Part No.	零部件名稱 Description	數量Q'ty			備注 Remarks	
			-2C	-6	-7		
1	3504045	Needle	机针	1	1	1	
2	3504046	Needle Clamp Nut	针杆螺母	1	1	1	
3	3504047	Needle Bar	针杆	1	1	1	
4	350404	Needle Lever Ass'y	针杆连轴节组件	1	1	1	(5~14)
5	3504048	Needle Lever	针杆杠杆	1	1	1	(6~8)
6	YT512	Screw	圆柱头螺钉M5×12	2	2	2	
7	NL614	Screw	内六角螺钉M6×14	1	1	1	
8	YT406	Screw	圆柱头螺钉M4×6	2	2	2	
9	3504049	Thread Guide	过线柱	1	1	1	
10	701	Nut	螺母M5	1	1	1	
11	3504050	Needle Bar Connection	针杆连轴节	1	1	1	(8,12)
12	3510192	Coupling Bolt	连轴节螺栓	1	1	1	
13	3504051	Needle Bar Link Pin	针杆小连杆销	2	2	2	
14	3504052	Connection Link	针杆小连杆	1	1	1	
15	3504053	Needle Lever Shaft	针杆杠杆轴	1	1	1	(16)
16	1004-5	Oil Wick	油绳	1	1	1	
17	350405	Needle Lever Ass'y	上下连杆组件	1	1	1	(18~30)
18	350406	Needle Lever Ball Link Ass'y	连杆上接头组件	1	1	1	(19~24)
19	3504054	Shell	连杆上接头	1	1	1	(20)
20	3504055	Screw	轴位螺钉	4	4	4	
21	1004-9	Oil Wick	油绳	1	1	1	
22	3504056	Ball Stud	上接头球头销	1	1	1	
23	3504057	Guide Fork	导向板	2	2	2	
24	YT412	Screw	圆柱头螺钉M4×12	1	1	1	
25	1004-8	Oil Wick	油绳	1	1	1	
26	708	Nut	螺母M10×1	2	2	2	
27	1004-1	Oil Wick	油绳	1	1	1	
28	3504058	Needle Lever Connection Rod	连杆接杆	1	1	1	
29	3504059	Shell	连杆下接头	1	1	1	(20)
30	1004-7	Oil Wick	油绳	1	1	1	
31	3504060	Crank Shaft	曲轴	1	1	1	
32	3504061	Woodruff Key	半圆键	1	1	1	
33	NL512	Screw	内六角螺钉M5×12	2	2	2	
34	3504062	Bearing Bushing	轴承衬套	1	1	1	
35	1005	Bearing	轴承6205	1	1	1	
36	3504063	Bearing Cap	轴承压盖	1	1	1	
37	YT408	Screw	圆柱头螺钉M4×8	3	3	3	
38	3504064	Pulley	带轮	1	1	1	
39	3504065	Washer	垫圈	1	1	1	
40	NL514	Screw	内六角螺钉M5×14	1	1	1	
41	350407	Looper Drive Eccentric Ass'y	弯针大连杆组件	1	1	1	(23,42~49)
42	3504066	Looper Connection Bar	弯针大连杆	1	1	1	(43)
43	3504067	Screw	轴位螺钉	4	4	4	
44	1004-6	Oil Wick	油绳	1	1	1	
45	3504068	Looper Eccentric	弯针大偏心	1	1	1	(46~47)
46	AD605N	Screw	内六角凹端螺钉M6×5	1	1	1	
47	ZD608N	Screw	内六角锥端螺钉M6×8	1	1	1	
48	3504070	Ball Stud	大连杆球轴承	1	1	1	
49	3510193	Guide Plate Bolt	导向板螺栓	1	1	1	
50	3504071	Looper Avoid Eccentric	弯针小偏心	1	1	1	(51~52)
51	AD604N	Screw	内六角凹端螺钉M6×4	1	1	1	
52	ZD606N	Screw	内六角锥端螺钉M6×6	1	1	1	

05. LOOPER DRIVE PARTS

彎針驅動部件

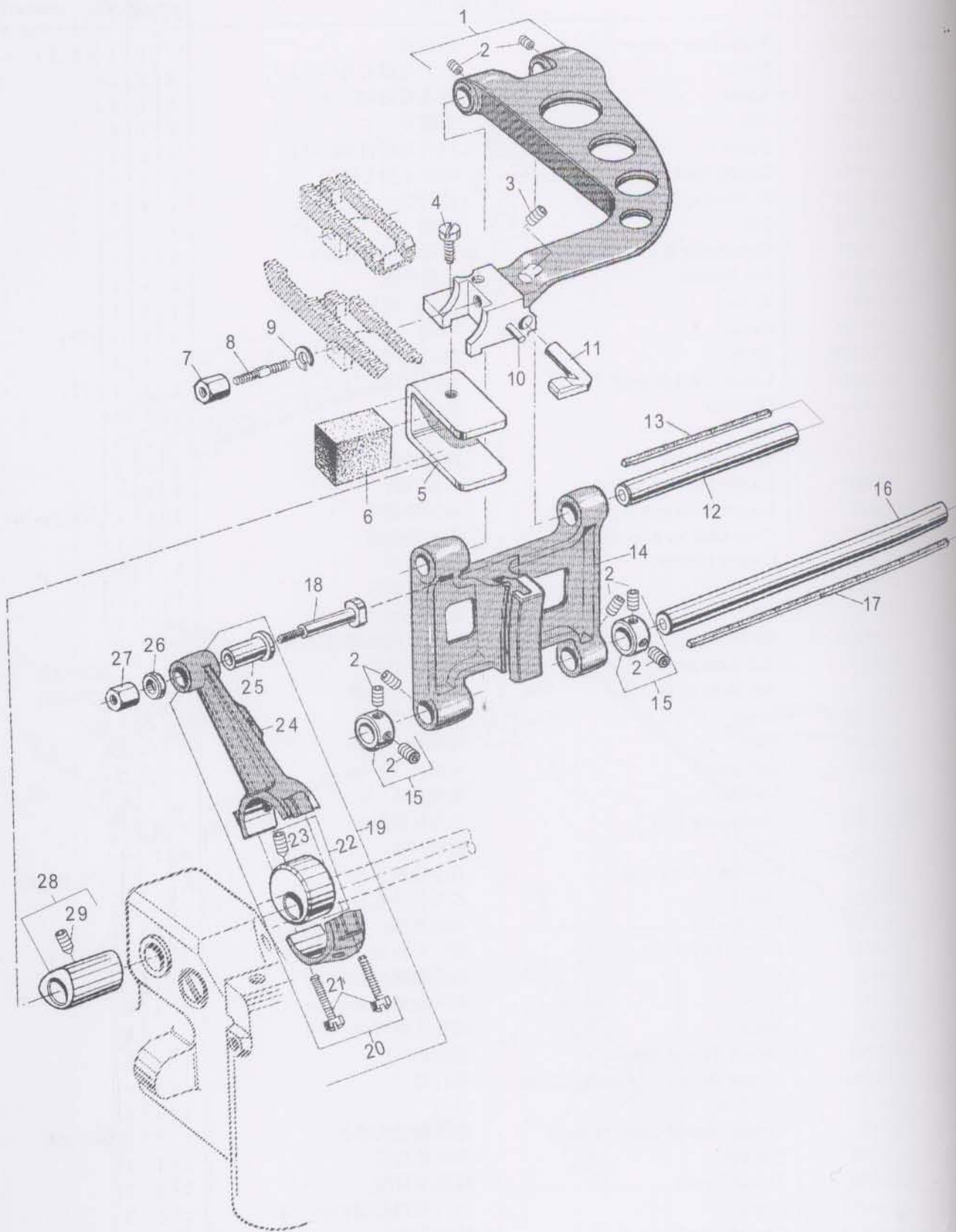


05.LOOPER DRIVE PARTS

彎針驅動部件

序號 Ref.No.	零部件件號 Part No.	零部件名稱 Description	數量Q'ty			備注 Remarks	
			-2C	-6	-7		
1	3505072	Rocker for Looper Drive Shaft	內搖杆	1	1	1	(2,3)
2	NL514	Screw	內六角螺釘 M5×14	2	2	2	
3	ZD506	Screw	錐端螺釘 M5×6	1	1	1	
4	3505073	Nut	錐螺母	1	1	1	
5	NL614	Screw	內六角螺釘 M6×14	1	1	1	
6	3505074	Rocker for Looper Avoid Eccentric	彎針小偏心搖杆	1	1	1	
7	3505075	Connecting Rod Pin	連杆銷	1	1	1	
8	3505076	Felt	毛毡	1	1	1	
9	3505077	Connecting Bar	彎針小偏心連杆 ¹	1	1	1	
10	3505078	Felt Washer	毛毡墊圈	1	1	1	
11	YT306	Screw	圓柱頭螺釘 M3×6	1	1	1	
12	3505079	Collar	擋圈	1	1	1	(13)
13	AD505N	Screw	內六角凹端螺釘 M5×5	3	3	3	
14	3505080	Looper Rocker Shaft	彎針架軸	1	1	1	(15)
15	1004-4	Oil Wick	油繩	1	1	1	
16	707	Nut	螺母 M8×1	1	1	1	
17	904	Spring Washer	彈簧墊圈 8	1	1	1	
18	3505081	Looper for Two-thread	雙線彎針	1	1	1	
19	350508	Looper Rocker Ass'y	彎針架組件	1	1	1	(13,20~24)
20	3505082	Cone Stud for Looper Rocker	彎針架錐軸	1	1	1	
21	3505083	Looper Rocker	彎針架	1	1	1	
22	3505084	Cone	錐形支承體	1	1	1	
23	704	Nut	螺母 M6×0.75×3	1	1	1	
24	AD505N	Set Screw	內六角凹端螺釘 M5×5	3	3	3	
25	350509	Ball Joint Ass'y	小連杆組件	1	1	1	(26~35)
26	350510	Ball Joint Ass'y, left	左小連杆組件	1	1	1	(27~29)
27	3505085	Screw	軸位螺釘	4	4	4	
28	3505086	Shell	左彎針小連杆	1	1	1	
29	3505087	Ball Stud	球接头	2	2	2	
30	703	Nut(left)	螺母 BM6 (左)	1	1	1	
31	3505088	Connecting Rod	小連杆接杆	1	1	1	
32	702	Nut	螺母 BM6	3	3	3	
33	350511	Ball Joint Ass'y, right	右小連杆組件	1	1	1	(27,29,34)
34	3505089	Shell	右彎針小連杆	1	1	1	
35	3505090	Felt Washer	毛毡墊圈	2	2	2	
36	3505092	Looper Drive Lever	彎針外曲柄	1	1	1	(37~38)
37	NL512	Screw	內六角螺釘 M5×12	1	1	1	
38	NL516	Screw	內六角螺釘 M5×16	1	1	1	
39	YT410	Screw	圓柱頭螺釘 M4×10	1	1	1	
40	3505093	Looper Thread Take-up	挑線動片	1	1	1	
41	3505094	Looper Drive Lever Rocker Shaft	彎針軸	1	1	1	
42	1004-2	Oil Wick	油繩	1	1	1	
43	350512	Looper Thread Cast-Off Ass'y	定片固定座組件	1	1	1	(44~48)
44	3505095	Bracket	彎針挑線座	1	1	1	
45	3505096	Thread Eyelet	挑線座衬圈	2	2	2	
46	AD404N	Screw	內六角凹端螺釘 M4×4	2	2	2	
47	3505097A	Cast-off Hook	挑線定片	1	1	1	
48	YT406	Screw	圓柱頭螺釘 M4×6	2	2	2	
49	YT508D	Screw	圓柱頭螺釘 M5×8	1	1	1	

06.FEED DRIVE PARTS 送料驅動部件



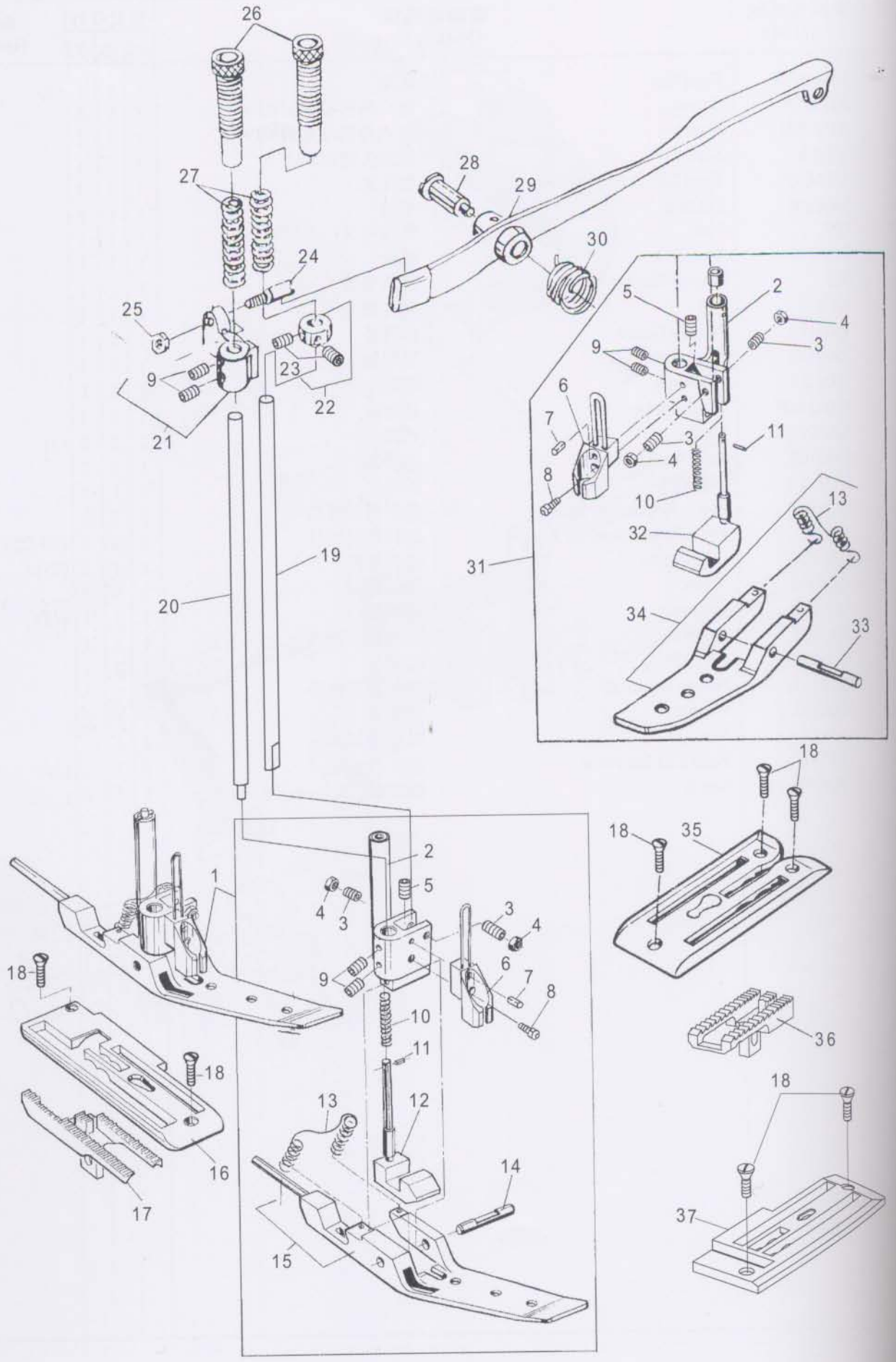
16. FEED DRIVE PARTS

送料驅動部件

序號 Ref. No.	零 部 件 號 Part No.	零 部 件 名 稱 Description	數量 Q'ty			備 注 Remarks
			-2C	-6	-7	
1	3506098R	Feed Bar	牙架	1	1	1 (2)
2	AD505N	Screw	內六角凹端螺釘M5×5	8	8	8
3	AD608N	Screw	內六角凹端螺釘M6×8	1	1	1
4	YT408	Screw	圓柱頭螺釘M4×8	1	1	1
5	3506099	Feed Lift Eccentric Fork	拾牙叉	1	1	1
6	3506100	Oil Felt	毛毡	1	1	1
7	709	Nut	厚螺母 M5	1	1	1
8	3506101	Stud Bolt	螺栓	1	1	1
9	902	Spring Washer	彈簧墊圈 5	1	1	1
10	1006-2	Pin	圓柱銷φ3×10	1	1	1
11	3506102	Needle Guard	護針塊	1	1	1
12	3506103	Feed Bar Shaft	牙架軸	1	1	1
13	1004-5	Oil Wick	油繩	1	1	1
14	3506104R	Feed Rocker	牙架座	1	1	1
15	3505079	Collar	擋圈	2	2	2 (2)
16	3506105	Feed Rocker Shaft	送料軸	1	1	1
17	1004-2	Oil Wick	油繩	1	1	1
18	3506107	Stitch Regulating Stud	針距調節螺釘	1	1	1
19	350612	Feed Drive Eccentric Ass'y	送料連杆組件	1	1	1 (20~25)
20	3506108	Connection	送料連杆	1	1	1 (21)
21	3504055	Screw	軸位螺釘	2	2	2
22	3506110	Eccentric	送料偏心	1	1	1 (23)
23	ZD608X	Screw	錐端螺釘M6×0.75×7.5	1	1	1
24	3510196	Oil Felt	毛毡	1	1	1
25	3506111	Flange Bushing	連杆調節軸套	1	1	1
26	3506112	Washer	墊圈 6	1	1	1
27	706	Nut	厚螺母 M6	1	1	1
28	3506113	Feed Lift Eccentric	拾牙凸輪	1	1	1 (29)
29	ZD607X	Screw	錐端螺釘M6×0.75×6.5	1	1	1

07.FEED DOG, THROAT PLATE & PRESSER FOOT PARTS

送料牙、針板與壓腳部件

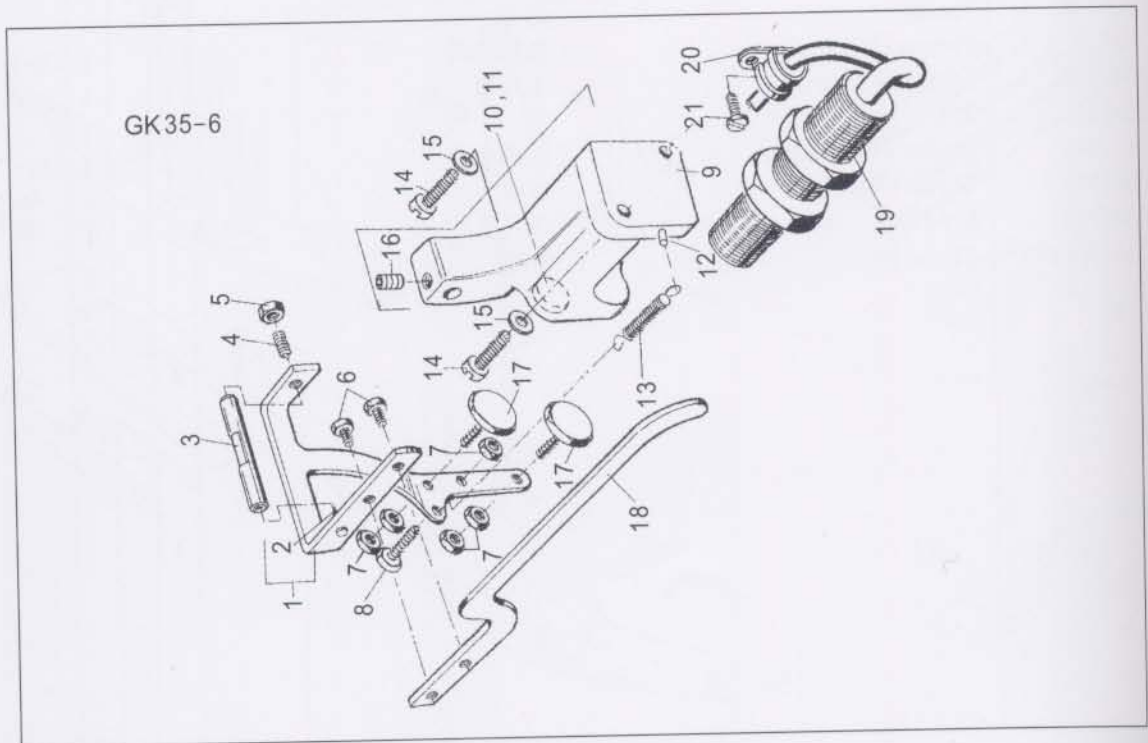
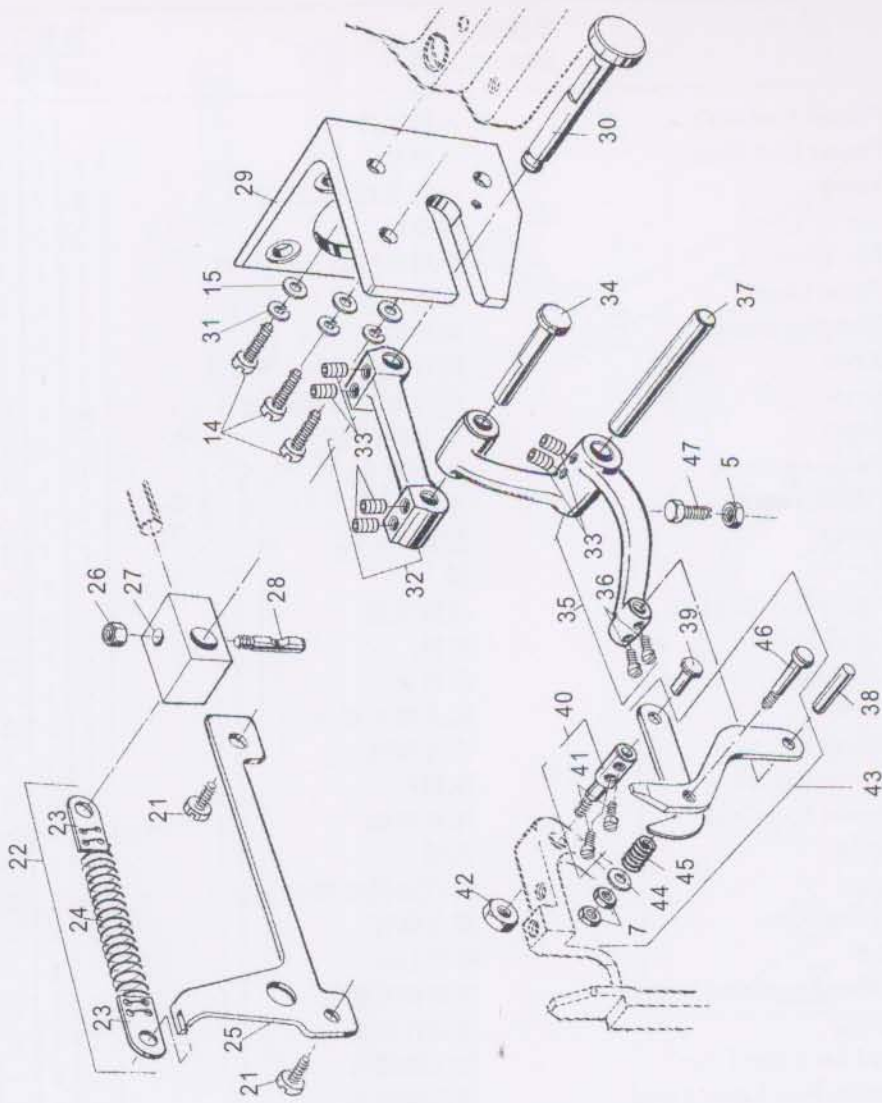


07.FEED DOG, THROAT PLATE & PRESSER FOOT PARTS

送料牙、針板與壓腳部件

序號 Ref.No.	零 部 件 號 Part No.	零 部 件 名 稱 Description	數 量 Q'ty			備 注 Remarks
			-2C	-6	-7	
1	350713R	Presser Foot Ass'y	-	1	-	(2~15)
2	3507114	Presser Foot Shank	1	1	1	(3~5, 9)
3	AD508N	Screw	2	2	2	
4	701	Nut	2	2	2	
5	PD506	Set Screw	1	1	1	
6	3507115	Finger Guard	1	1	1	(7)
7	1006	Clamping Sleeve	1	1	1	
8	NL408	Screw	1	1	1	
9	AD505N	Screw	4	4	4	
10	3507116	Spring	1	1	1	
11	1007	Clamping Sleeve	1	1	1	
12	3507117R	Chaining Section	-	1	-	
13	3507118	Spring	1	1	1	
14	3507119R	Pin	-	1	-	
15	3507120R	Presser Foot Bottom	-	1	-	(13)
16	3507122R	Throat Plate	-	1	-	
17	3507123R	Feed Dog	-	1	-	
18	CT512	Screw	3	2	2	
19	3507124	Presser Bar, right	1	1	1	
20	3507125	Presser Bar, left	1	1	1	
21	3507126	Presser Foot Guide	1	1	-	(9)
22	3505079	Collar	1	1	1	(23)
23	AD505N	Screw	2	2	2	
24	3507128	Lifting Screw	1	1	-	
25	702	Nut	1	1	-	
26	3507130	Spring Regulating Bushing	2	2	2	
27	3507131	Spring	2	2	2	
28	3507132	Stud for Lifter Lever	1	1	-	
29	3507133	Presser Foot Lifter Lever	1	1	-	
30	3507134	Spring	1	1	-	
31	350714	Presser Foot Ass'y	1	-	1	(2~11,13,32~34)
32	3507136	Chaining Section	1	-	1	
33	3507140	Pin	1	-	1	
34	3507141	Presser Foot Bottom	1	-	1	(13)
35	3507142	Throat Plate	1	-	-	
36	3507143	Feed Dog	1	-	1	
37	3512218	Throat Plate	-	-	1	

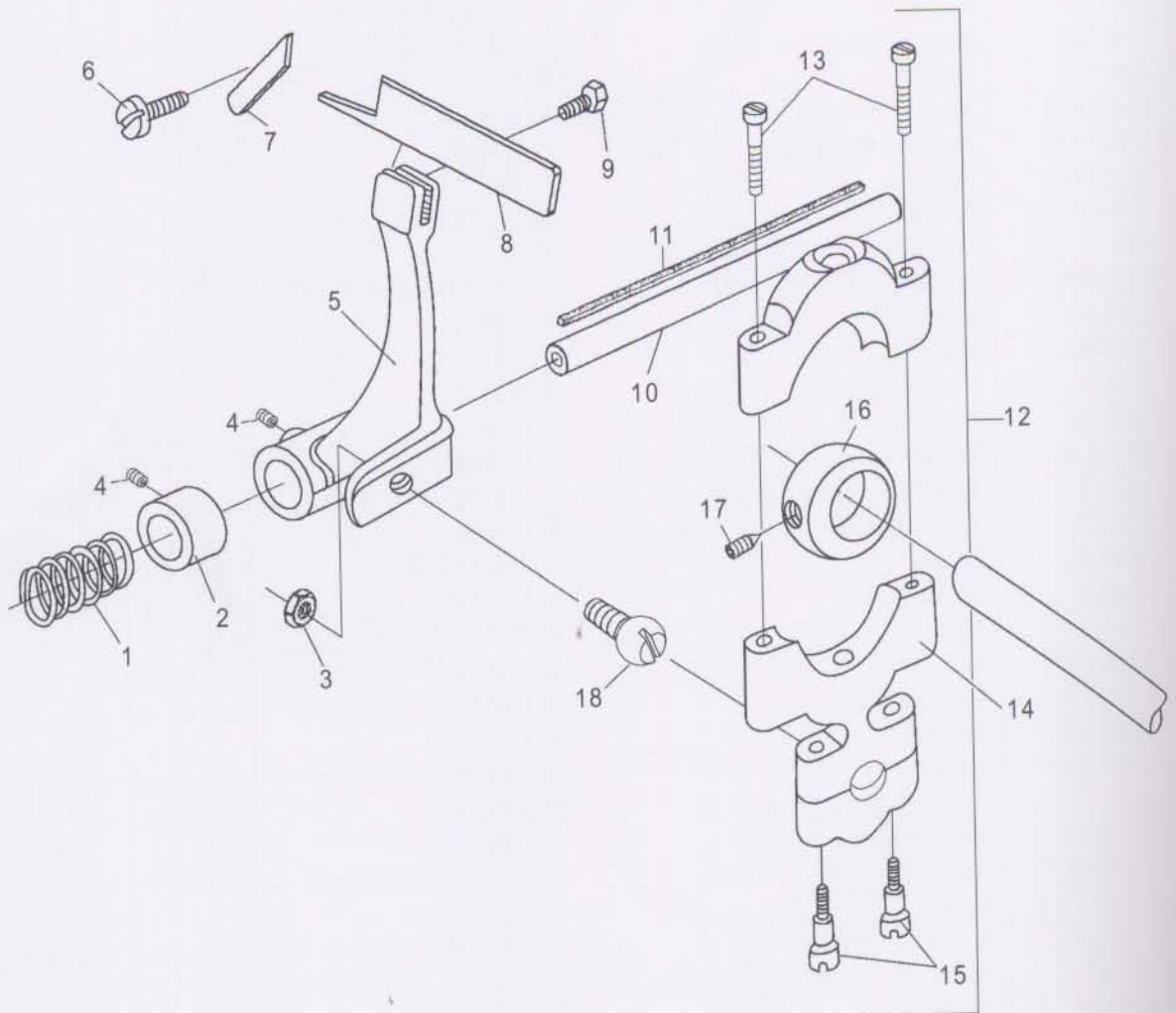
08.FEELER、PROXIMITY SWITCH & CUTTER PARTS(GK35-6 & GK35-6B)
 啓動杆、接近開關與綫辦切刀部件(GK35-6 & GK35-6B)



08.FEELER、PROXIMITY SWITCH & CUTTER PARTS (GK35-6 & GK35-6B)
 啓動杆、接近開關與綫辦切刀部件 (GK35-6 & GK35-6B)

序號 Ref.No.	零部件件號 Part No.	零部件名稱 Description	數量Q'ty				備注 Remarks	
			-2C	-6	-6B	-7		
1	3508144	Holder for Feeler	启动杆支架	-	1	-	-	(2)
2	3508145	Centre Pin	支架铰链顶尖	-	1	-	-	
3	3508146	Centre Shaft	铰链销	-	1	-	-	
4	3508147	Centre Screw	顶尖螺钉	-	1	-	-	
5	701B	Nut	螺母 M5	-	2	1	-	
6	YT506	Screw	圆柱头螺钉 M5×6	-	2	-	-	
7	710	Nut	螺母 M4	-	7	2	-	
8	LJ415	Screw	六角头螺钉 M4×15	-	1	-	-	
9	3508148	Support for Feeler	启动杆支架座	-	1	-	-	
10	3508149	Magnet	磁铁	-	1	-	-	
11	3508149R	Magnet Bushing	磁铁套	-	1	-	-	
12	3508150	Grooved Pin	拉簧勾销	-	1	-	-	
13	3508151	Spring	拉簧	-	1	-	-	
14	YT515	Screw	圆柱头螺钉 M5×15	-	5	3	-	
15	802	Washer	垫圈 5	-	5	3	-	
16	AD506N	Screw	内六角凹端螺钉 M5×6	-	1	-	-	
17	3508152	Screw	传感螺钉	-	2	-	-	
18	3508153	Feeler	启动杆	-	1	-	-	
19	2208	Proximity Switch	接近开关	-	1	-	-	
20	3508154	Cable Clamp	电缆夹	-	1	-	-	
21	YT508D	Screw	圆柱头螺钉 M5×8	-	3	2	-	
22	350815	Pull Back Spring Ass'y	拉簧组件	-	1	1	-	(23~24)
23	3508155	Spring Eyelet	拉簧孔板	-	2	2	-	
24	3508156	Spring	剪刀复位拉簧	-	1	1	-	
25	3508157	Spring Holder	复位拉簧座	-	1	1	-	
26	706	Nut	厚螺母 M6	-	1	1	-	
27	3508158	Clamp	驱动杆夹	-	1	1	-	
28	3508159	Locking Stud	锁紧螺栓	-	1	1	-	
29	3508160	Bracket	托架	-	1	1	-	
30	3508161	Stud	连杆滑销	-	1	1	-	
31	902	Spring Washer	弹簧垫圈 5	-	3	3	-	
32	3508162	Connecting Level	剪刀连杆	-	1	1	-	(33)
33	AD505N	Screw	内六角凹端螺钉 M5×5	-	6	6	-	
34	3508163	Stud	连杆销	-	1	1	-	
35	3508164	Lever	剪刀摇杆	-	1	1	-	(33,36)
36	YT406	Screw	圆柱头螺钉 M4×6	-	2	2	-	
37	3508165	Shaft	剪刀摇杆轴	-	1	1	-	
38	3508166	Parallel Pin	剪刀摇杆销	-	1	1	-	
39	3508167	Stud	剪刀连杆销	-	1	1	-	
40	3508168	Stud for Knife	剪刀铰链轴	-	1	1	-	(41)
41	YT405	Screw	圆柱头螺钉 M4×5	-	2	2	-	
42	701	Nut	螺母 M5	-	1	1	-	
43	350816	Chain Cutter Ass'y	剪刀组件	-	1	1	-	(7, 44~46)
44	801	Washer	垫圈 4	-	1	1	-	
45	3508169	Spring	剪刀弹簧	-	1	1	-	
46	3508170	Stud	剪刀铰链销	-	1	1	-	
47	LJ512	Screw	六角头螺钉 M5×12	-	1	1	-	

09.CUTTER PARTS (GK35-2C)
綫辦切刀部件 (GK35-2C)

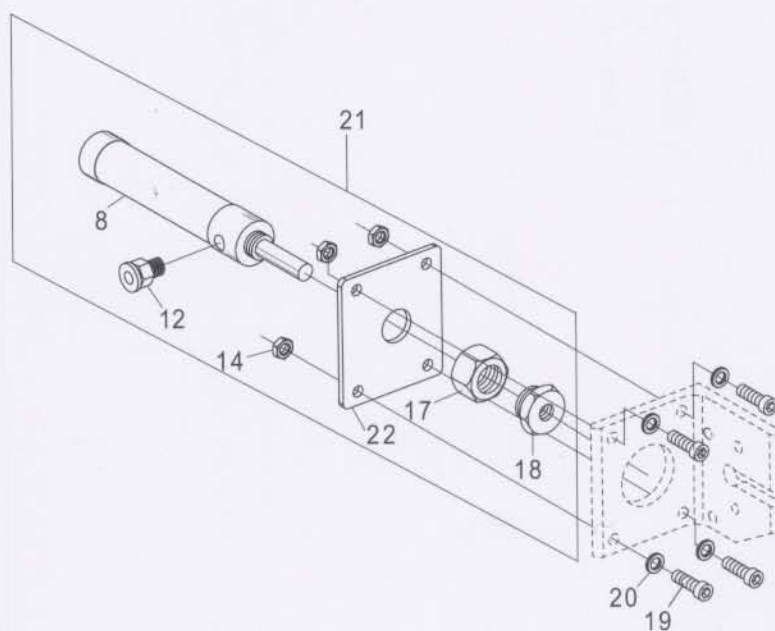
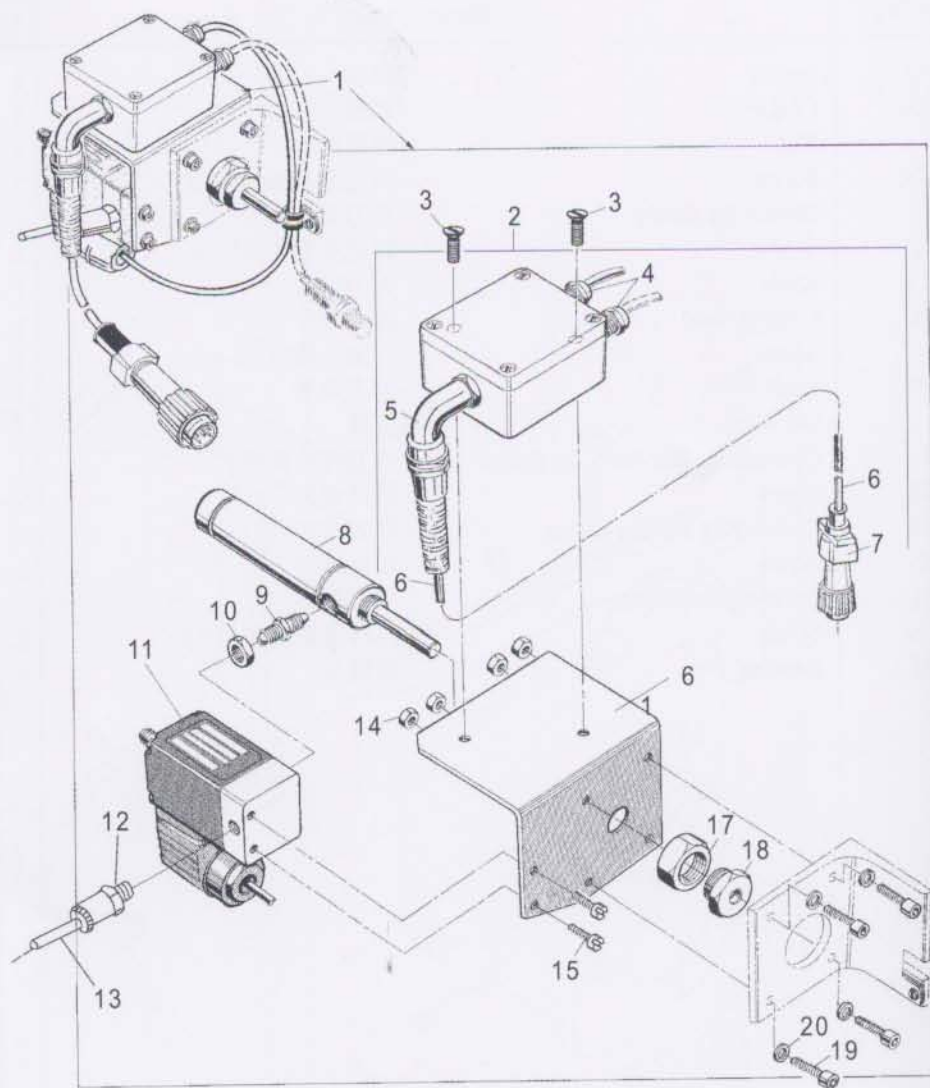


09.CUTTER PARTS (GK35-2C)

綫辦切刀部件 (GK35-2C)

序號 Ref.No.	零 部 件 件 號 Part No.	零 部 件 名 稱 Description	數 量 Q'ty			備 注 Remarks	
			-2C	-6	-7		
1	3509172	Spring	彈 簧	1	-	-	
2	3509173	Collar	擋 圈	1	-	-	(4)
3	702	Nut	螺 母 BM6	1	-	-	
4	AD505N	Screw	內六角凹端螺釘 M5×5	2	-	-	
5	3509174	Holder for Cutter	剪 刀 架	1	-	-	
6	YT508D	Screw	圓柱頭螺釘 M5×8	1	-	-	
7	3509175	Knife	剪 刀 定 片	1	-	-	
8	3509176	Cutting Steel	剪 刀 動 片	1	-	-	
9	LJ405	Screw	六角頭螺釘 M4×5	1	-	-	
10	3509177	Shaft	剪 刀 架 軸	1	-	-	
11	1004-3	Oil Wick	油 繩	1	-	-	
12	350917	Connecting Bar Ass'y for Cutter	剪 刀 連 杆 組 件	1	-	-	(13~18)
13	3509178	Screw	軸 位 螺 釘	2	-	-	
14	3509179	Connecting Bar for Cutter	剪 刀 連 杆	1	-	-	
15	3505085	Screw	軸 位 螺 釘	2	-	-	
16	3509181	Eccentric for Cutter	剪 刀 偏 心	1	-	-	
17	ZD508N	Screw	內六角錐端螺釘 M5×8	1	-	-	
18	3509182	Bearing	球 軸 承	1	-	-	

10. AIR CYLINDER DRIVE CUTTER PARTS (GK35-6 & GK35-6B) 氣動切刀部件 (GK35-6 & GK35-6B)



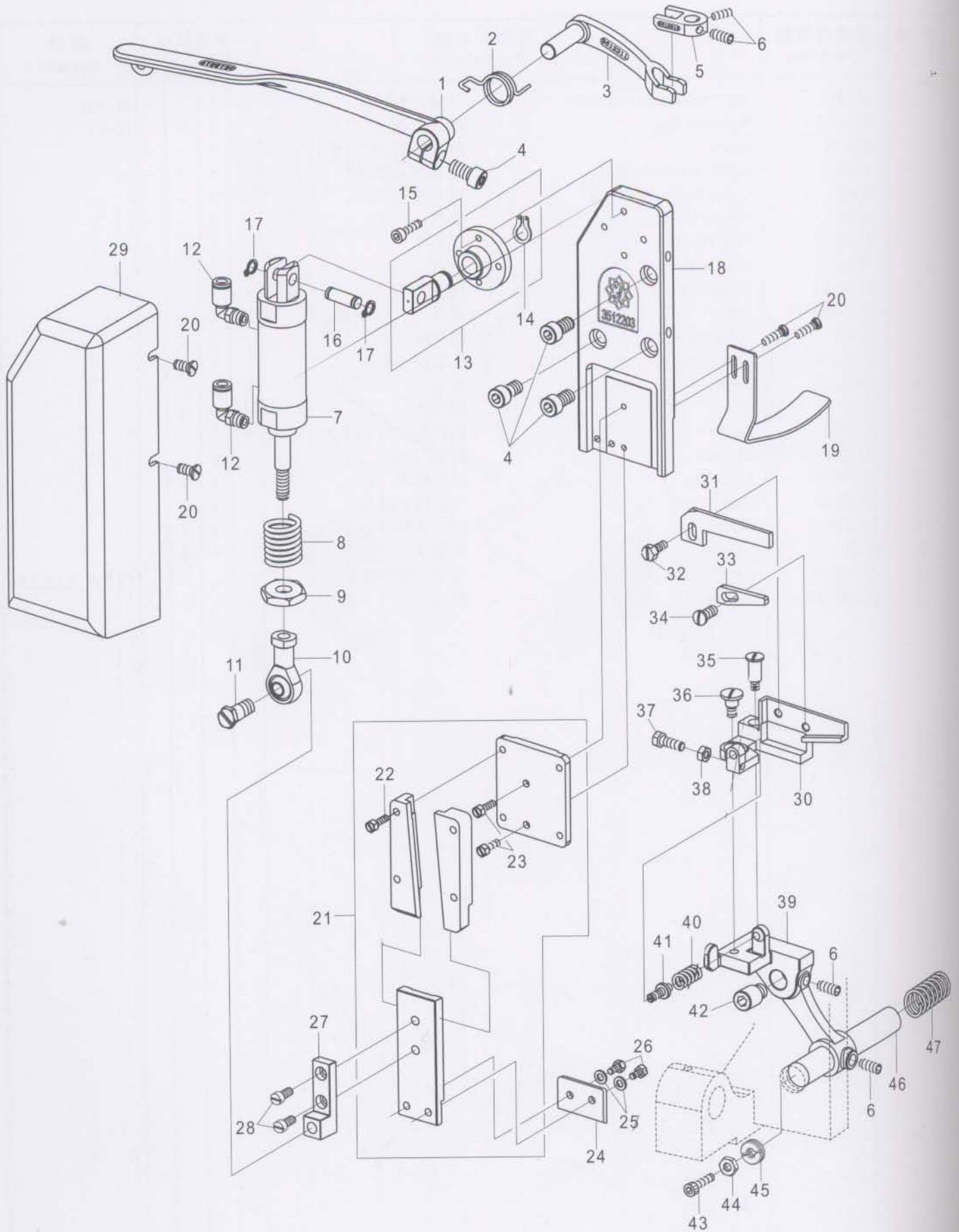
10. AIR CYLINDER DRIVE CUTTER PARTS (GK35-6 & GK35-6B)

氣動切刀部件(GK35-6 & GK35-6B)

序號 Ref.No.	零部件件號 Part No.	零部件名稱 Description		數量Q'ty				備注 Remarks
				-2C	-6	-6B	-7	
1	351018	Air Cylinder Driver Ass'y	气动元件组件	-	1	-	-	(2~20)
2	351019	Terminal Box	接线盒组件	-	1	-	-	(4~7)
3	CT410	Screw	沉头螺钉M4×10	-	2	-	-	
4	2201	Cable Screw-fitting	电缆接头PG7	-	2	-	-	
5	2202	Cable Screw-fitting	电缆接头PG9	-	1	-	-	
6	2204	Supply Cable	电缆	-	1	-	-	
7	2205	Plug Housing	插头	-	1	-	-	
8	2101	Air Cylinder	气缸	-	1	1	-	
9	3510184	Connector	气缸接头	-	1	-	-	
10	3510185	Nut	螺母	-	1	-	-	
11	2102	Solenoid Valve	电磁阀	-	1	-	-	
12	1001-7R	Connector	气管接头φ6	-	1	1	-	
13	1001-9R	Tube	气管φ6	-	1	-	-	
14	705	Nut	螺母M5	-	4	4	-	
15	YT408	Screw	圆柱头螺钉M4×8	-	2	-	-	
16	3510188	Bracket	托架	-	1	-	-	
17	3510189	Lock Nut	锁紧螺母	-	1	1	-	
18	3510190	Stop Screw	气缸调节螺套	-	1	1	-	
19	NL514	Screw	内六角螺钉M5×14	-	4	4	-	
20	802	Washer	垫圈 5	-	4	4	-	
21	351018B	Air Cylinder Driver Ass'y	气动元件组件	-	-	1	-	(8,12,17,18,22)
22	3510188B	Bracket	托板	-	-	1	-	

11. CUTTER PARTS & PRESSER FOOT LIFTER LEVER (GK35-7)

切刀與壓腳板手部件 (GK35-7)



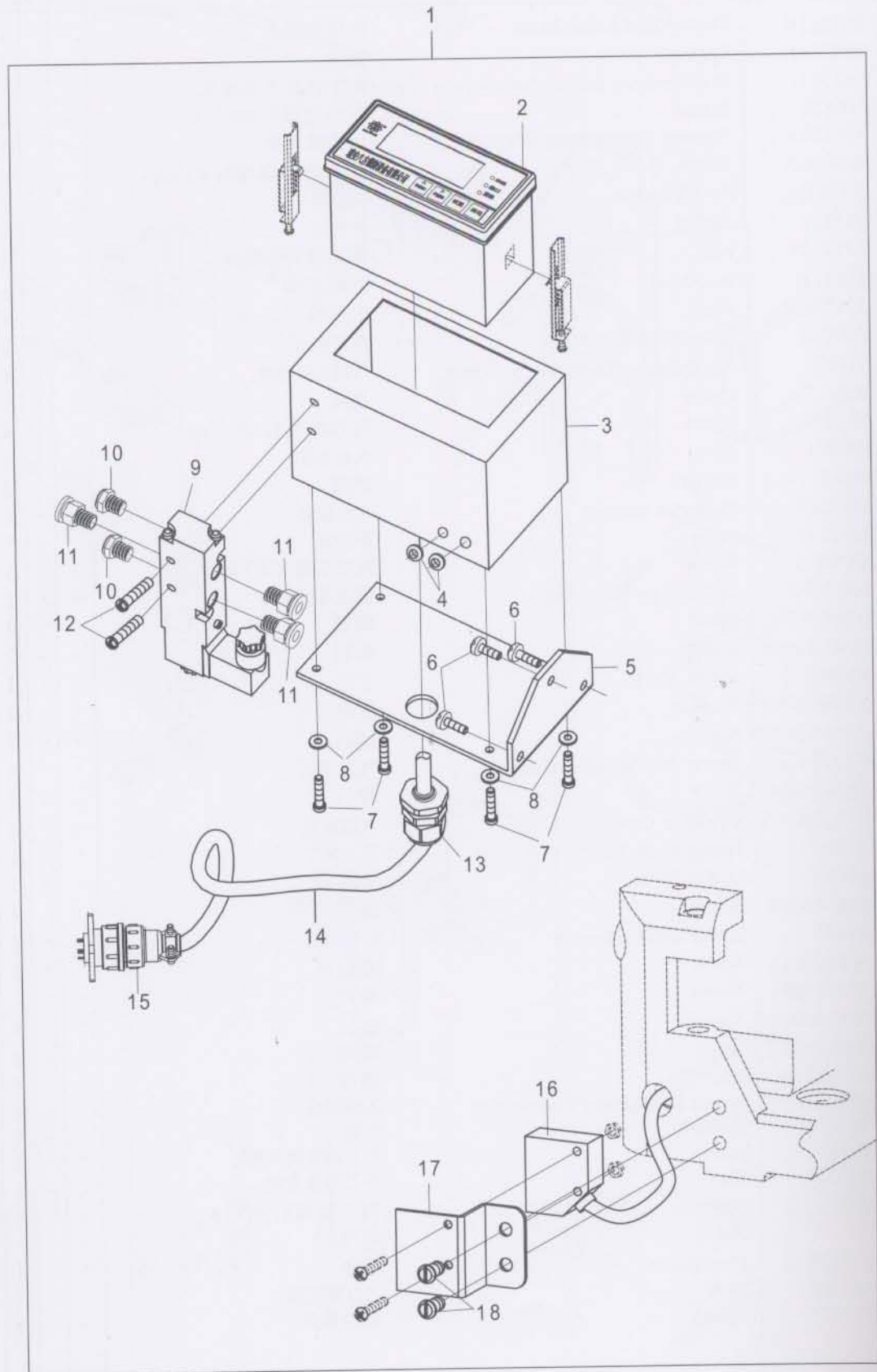
11. CUTTER PARTS & PRESSER FOOT LIFTER LEVER (GK35-7)

切刀與壓腳板手部件 (GK35-7)

序號 Ref.No.	零部件件號 Part No.	零部件名稱 Description		數量Q'ty			備注 Remarks
				-2C	-6	-7	
1	3512219	Presser Foot Lifter Lever	抬壓腳板手	-	-	1	
2	3507134	Spring	扭簧	-	-	1	
3	3512211	Presser Foot Lifter Connecting Fork	抬壓腳板手連接叉	-	-	1	
4	NL816	Screw	內六角螺釘M8×16	-	-	4	
5	3512212	Presser Foot Lifting Bracket	壓腳提升架	-	-	1	
6	AD506N	Screw	內六角凹端螺釘M5×6	-	-	4	
7	J01002G	Air Cylinder	氣缸	-	-	1	
8	305221	Spring	彈簧	-	-	1	
9	3512224	Nut	緩沖彈簧墊螺母	-	-	1	
10	SI8T/K	Rod End	切刀連杆	-	-	1	
11	3512204	Pin	連杆銷	-	-	1	
12	D07034	Tube Fitting, elbow	彎管接頭	-	-	2	
13	351220	Air Cylinder Base Ass'y ,Lower	氣缸上座組件	-	-	1	(14)
14	IRS-12	Collar	擋圈	-	-	1	
15	NL516	Screw	內六角螺釘M5×16	-	-	4	
16	106201	Pin	氣缸座銷	-	-	1	
17	IRS-8	Collar	擋圈	-	-	2	
18	3512203	Cylinder bottom	氣缸底板	-	-	1	
19	3512213	Plate	護袋板	-	-	1	
20	YT508D	Screw	圓柱頭螺釘M5×8	-	-	5	
21	106032C	Oscillating Plate Ass'y	滑動刀架組件	-	-	1	(22)
22	11/64S40061	Screw	螺釘	-	-	4	
23	11/64S40006	Screw	螺釘	-	-	2	
24	106053	upper knif	上刀	-	-	1	
25	11/64W15103	Washer	墊圈	-	-	2	
26	11/64S40049	Screw	螺釘	-	-	2	
27	3512205	Lower Air Cylinder Base	氣缸下座	-	-	1	
28	15/64S28004	Screw	螺釘	-	-	2	
29	3512206	Cylinder Cover	氣缸罩殼	-	-	1	
30	3512207	Lower knife Base	下刀架	-	-	1	
31	106083	Lower knife	下刀	-	-	1	
32	11/64S40093	Screw	螺釘	-	-	1	
33	106093	Lower knife Stopper	下刀擋塊	-	-	1	
34	9/64S40005	Screw	螺釘	-	-	1	
35	11/64S40059	Screw	螺釘	-	-	1	
36	11/64S40060	Screw	螺釘	-	-	1	
37	9/64S40067	Screw	螺釘	-	-	1	
38	9/64N40101	Nut	螺母	-	-	1	
39	3512208	Lower knife Base Connection	下刀架座	-	-	1	
40	106171	Spring	彈簧	-	-	1	
41	106161	Screw	下刀彈簧調節螺釘	-	-	1	
42	3512209	Pin	下刀架座支銷	-	-	1	
43	4B5×15	Screw	內六角螺釘M5×15	-	-	1	
44	701	Nut	螺母M5	-	-	1	
45	3512228	Plug Bush	軸塞	-	-	1	
46	3512210	Axis	下刀架座軸	-	-	1	
47	3512229	Spring	切刀彈簧	-	-	1	

12. DEVICE CONTROL , SENSOR PHOTO & SOLENOID VALVE PARTS (GK35-7)

控制器、電磁閥與傳感器部件(GK35-7)



12. DEVICE CONTROL, SENSOR PHOTO & SOLENOID VALVE PARTS (GK35-7)

控制器、電磁閥與傳感器部件 (GK35-7)

序號 Ref.No.	零 部 件 號 Part No.	零 部 件 名 稱 Description		數 量 Q'ty			備 注 Remarks
				-2C	-6	-7	
1	351221	Controller Ass'y	控制器組件	-	-	1	(2~18)
2	3512214	Controller	控制器	-	-	1	
3	3512215	Controller case	控制器箱	-	-	1	
4	2243	Protecting Ring	護線圈 φ6	-	-	2	
5	3512216	Controller Box Bracket	控制器箱支架	-	-	1	
6	YT512	Screw	圓柱頭螺釘 M5×12	-	-	3	
7	NL408	Screw	內六角螺釘 M4×8	-	-	4	
8	801	Washer	墊圈 4	-	-	4	
9	2102-3D	Solenoid Valve	電磁閥	-	-	1	
10	8803130	Noise Silencer	消聲器	-	-	2	
11	1001-7R	Connector	氣管接頭 φ6	-	-	3	
12	YT325	Screw	圓柱頭螺釘 M3×25	-	-	2	
13	2202	Cable Screw-fitting	電纜接頭 PG9	-	-	1	
14	2204	Supply Cable	電纜	-	-	1	
15	2205	Plug Housing	插頭	-	-	1	
16	2242	Photo Sensor	傳感器	-	-	1	
17	3512230	Sensor Mounting Bracket	傳感器支架	-	-	1	
18	YT508D	Screw	圓柱頭螺釘 M5×8	-	-	2	