



ZJ500  
暗缝机零件手册  
PARTS BOOK

浙江中捷缝纫科技有限公司  
ZOJE SEWING MACHINE CO., LTD.

# 使用说明书及零配件系列表

INSTRUCTION MANUEL & PARTSLIST

Kullanım kılavuzu ve parçal listesi

使用说明 (1-13)

INSTRUCTION MANUEL (14-26)

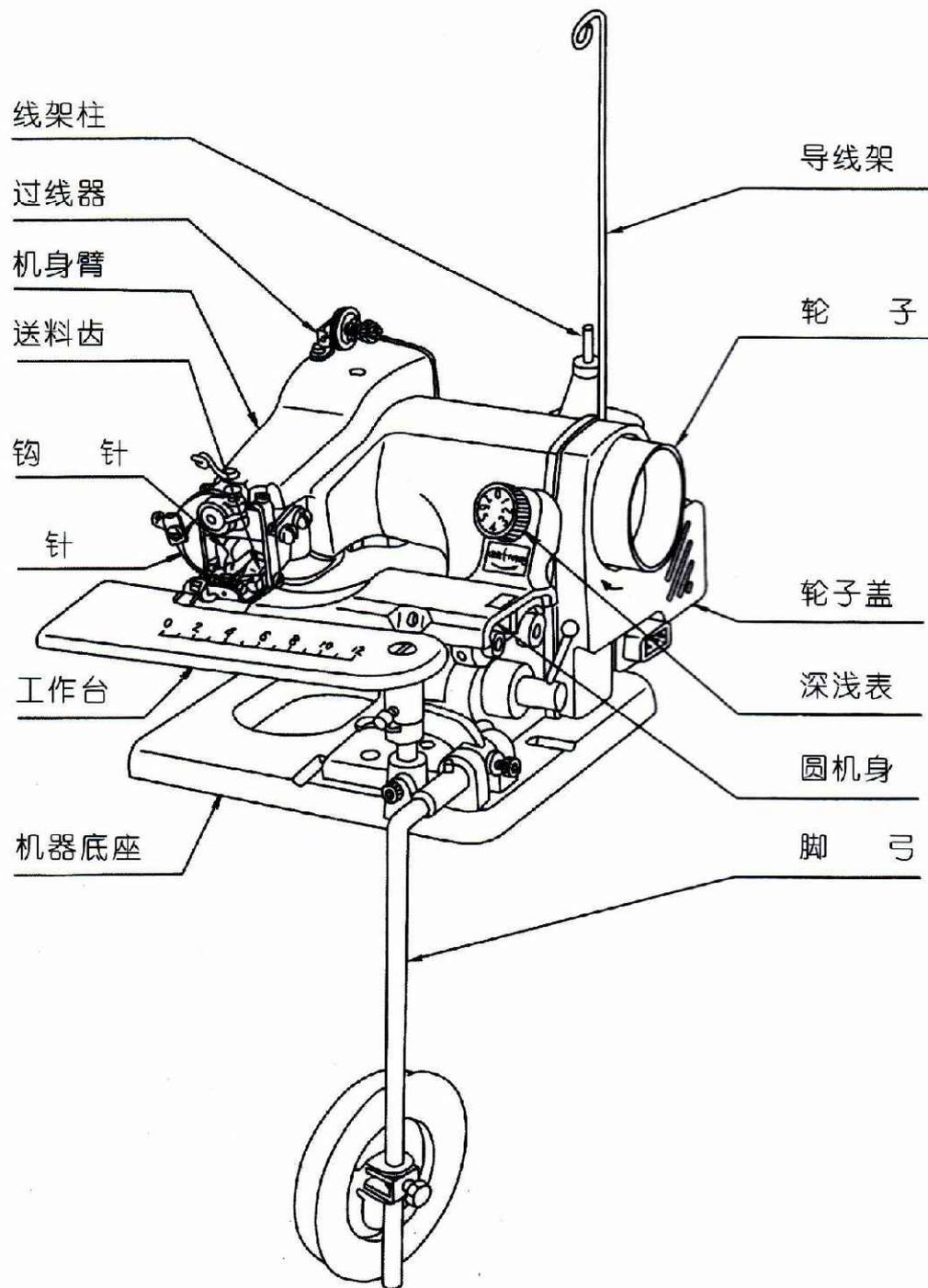
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## 1. 机器的安装

将机器和所有零、附件从箱中取出。

### A. 固定机器 (图1—2)

将机器置放在一平稳桌面上，尽量接近桌面的右前方，取出附件中的螺丝钳将机器底座栓在桌沿；螺丝钳可从前方或右方插入底座之凹槽内，其插入的位置可依个人使用上方便来决定，但要确实将机器栓紧避免掉落。(请参考图1及图2)

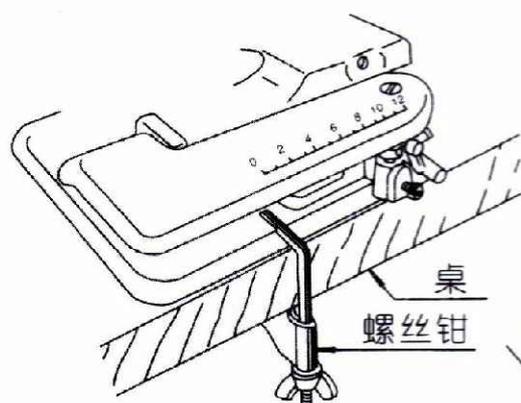


图1

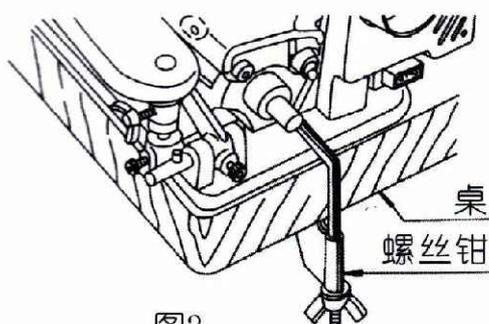


图2

### B. 安置线座 (图3)

首先松开导线架固定栓螺丝(1)，再插入导线架(2)及固定栓(3)装配於机器后部之洞孔内，然后拴紧螺丝(1)。

接着松开导线架螺丝(4)，调整导线架顶端(5)使其朝向线架柱(6)，再拴紧螺丝(4)。

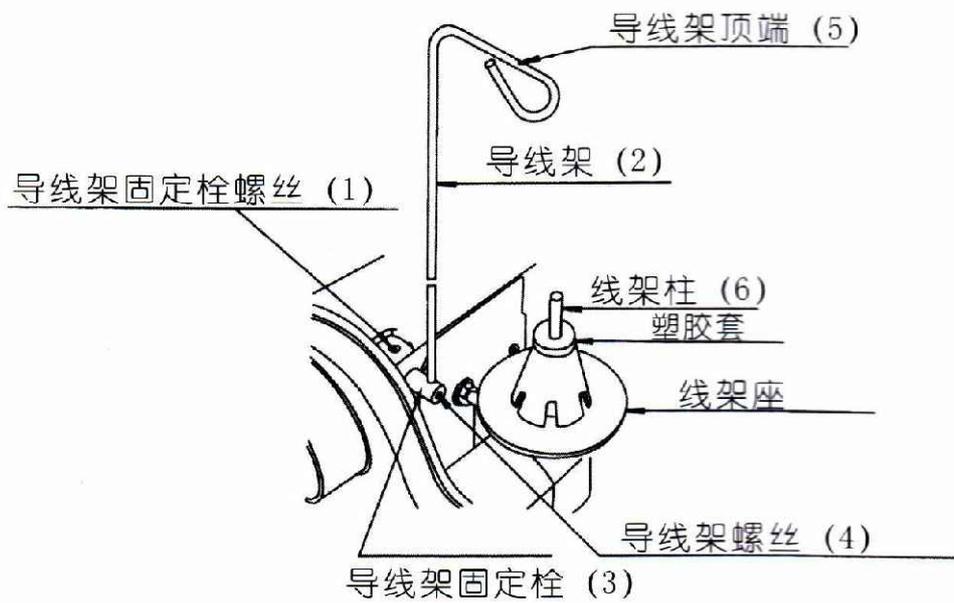


图3

### C. 连接马达控制器 (图4—5)

将控制器电线的三孔插头插入机器右方之接头内，标准插头则插上墙壁插座。然后放置控制器於地板上，并踩踏板以调整速度。

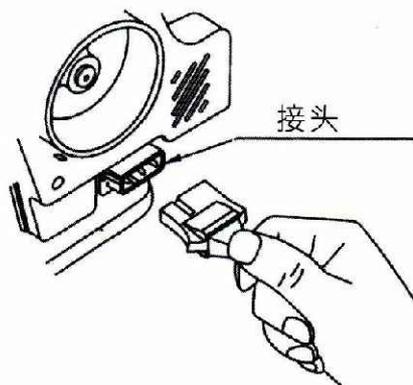


图4

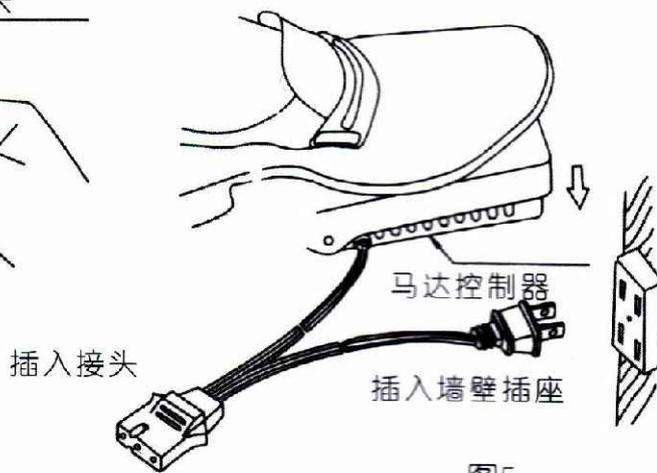


图5

#### D. 装配脚弓 (图6)

将脚弓套(1)推往脚弓轴(2), 使轴上之插销(3)可顺利进入脚弓套的L型凹槽内。若要调整脚弓角度, 则松开螺线(4), 调整脚弓至适当角度后, 再拧紧螺丝(4)。

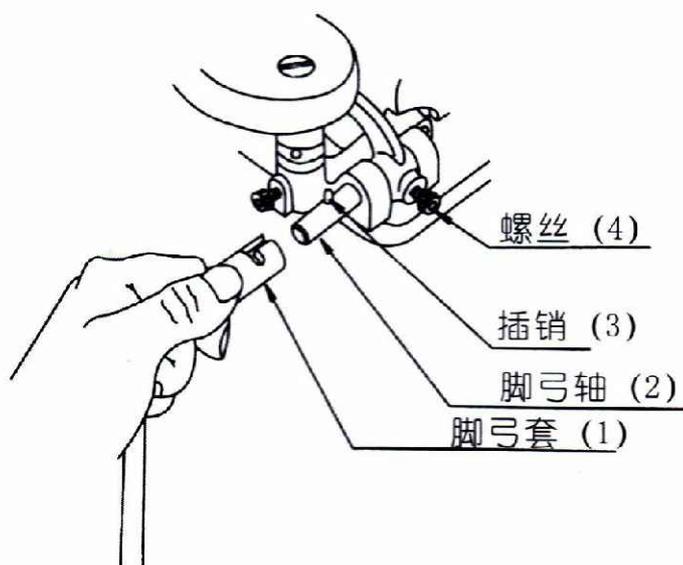


图6

#### 2. 润滑 (图7)

注入润滑油对于避免操作困难与延长机器寿命相当有助益, 所以如前述1装置好机器后, 即可依照图7所指示滴少许机油於各洞孔内. 也可开启机器侧盖及后盖, 将机油滴在内部运转零件以上利操作。

每次使用前或每天例行地滴一、二滴机油於图7所指示的所有洞孔中, 可保养机器。

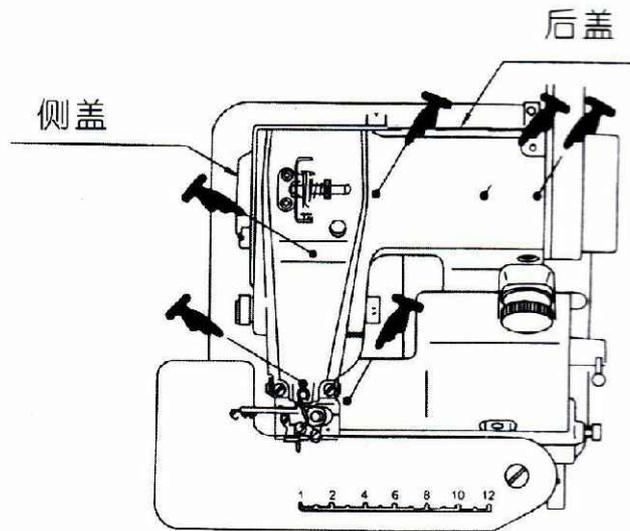


图7

### 3. 针与线

应使用LW X 6T的针。

为确保操作满意度，线和缝制物必须搭配如下表示：

针	线	材 质
SIZE 3(11)	NO. 80-100	尼龙丝或其他薄物料
SIZE 3 1/2(14)	NO. 60-70	棉、羊毛或其他中物料
SIZE 4(16)	NO. 50-60	厚羊毛或其他厚物料

#### 4. 换针 (图8)

以手动旋转轮子(依顺时针方向)直到针到达最高点位置, 再松开锁针螺丝(1)约两圈后将针取下接著将新针插入针柱(2)中并将它推到顶端, 然后套上锁针片并栓紧锁针螺丝即完成。

(请参考 图8 针柱与相关零件之分解图)

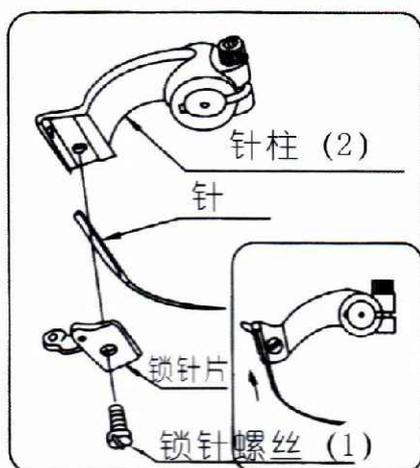


图8

#### 5. 上线 (图9—12)

A. 使用车缝线时, 将车缝线置於线座的塑胶套上。(图9)

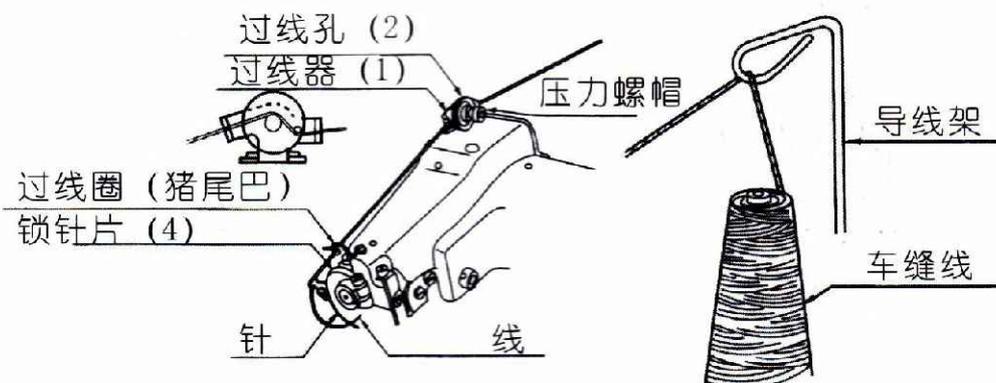


图9

- B. 使用一般线轴时，取下塑胶套将线轴装置在线架柱上。（图10）
- C. 正确的装线方法，请仔细参照图9所示。

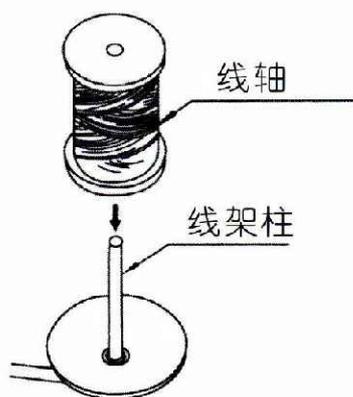


图10

当线到达过线器(1)时，将线由后孔(2)穿入并导引其由前孔穿出(如图9)，再牵线至前方由上往下穿过过线圈(3)和锁针片的线孔(4)。此时要注意针的方向必须是偏左方，再将线由下方穿过针孔后拉出即完成(如图11)。

若松开工作台螺丝将工作台拉开，则线穿过针孔会更容易。(图12)

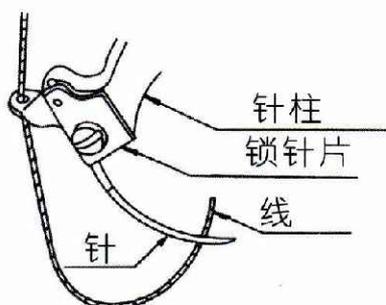


图11

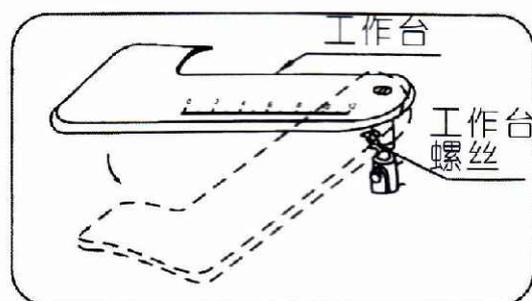


图12

## 6. 缝制的准备 (图13—14)

压下脚弓,使圆机身向下摆并形成押脚与圆机身间的缝隙。再将缝制物折叠平放置入针板押舌缝隙内,或让物料的缝边和靠边的边缘成平行。

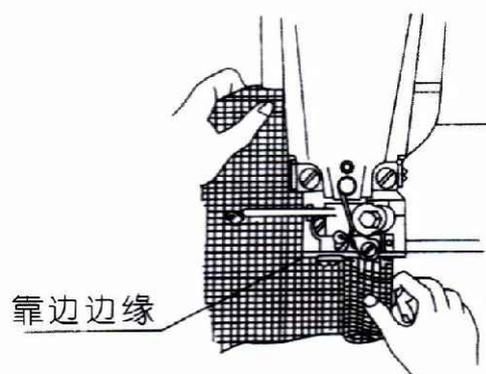


图13

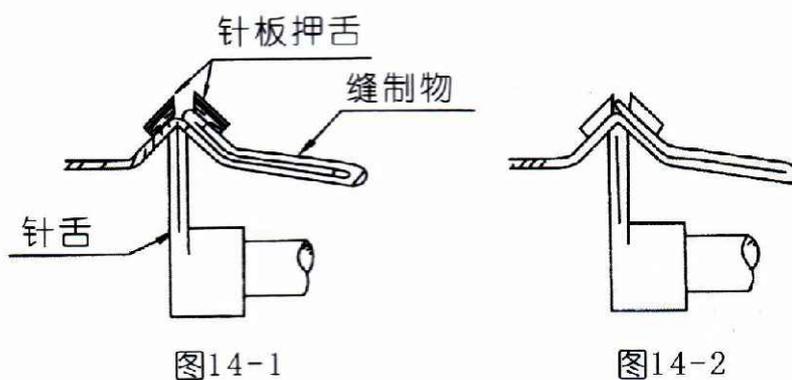


图14-1

图14-2

当物料放妥后即松开脚弓,缓缓开始操作机器。勿只将视线集中在针的动作上,而应该注意使物料能确实沿靠边边缘平行移动。

- A. 双折缝边时,将物料置放如图14-1所示
- B. 单折缝边时,将物料置放如图14-2所示

## 7. 调整线压 (图15—16)

不同材质的布料和缝线需要配合不同的线压。线压可借由转动机身臂上方的压力螺帽来调整

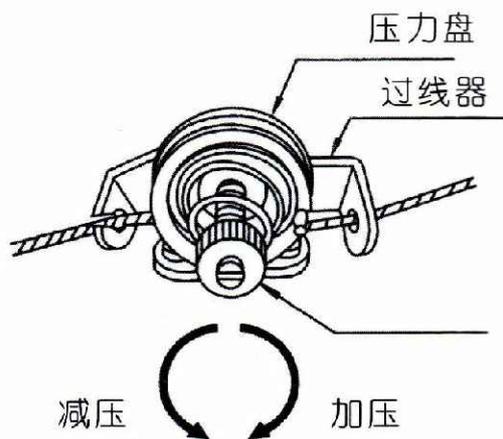


图16

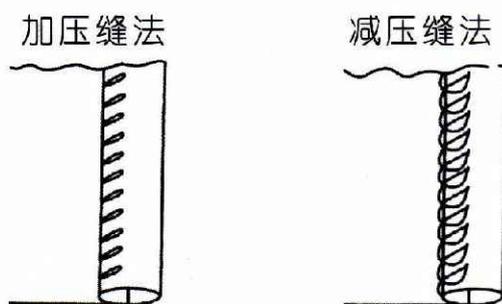


图15

欲增强线压，将螺帽依顺时针方向转动；欲减弱线压，则将螺帽依逆时针方向转动。

每次转松或转紧皆避免转动超过1/4圈，必要时可先测试结果再重新调整。

## 8. 设定缝目距离 (图17)

松转侧盖上的两个螺丝并开启侧盖后，再松转位於缝目调节圈(2)上的两个螺丝(1)；接著转动调节圈(2)直到V型请(3)对准欲设定之数字，最后栓紧螺丝(1)即可。

机器自本公司出厂时均预设缝目距离於“6”的位置上。

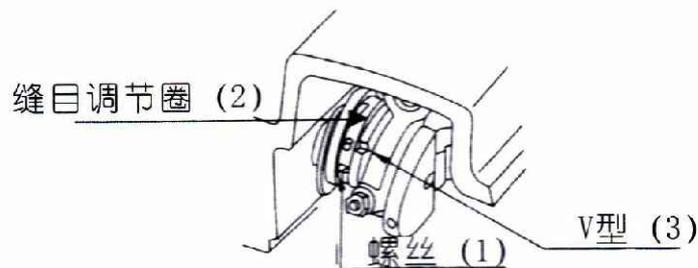


图17

调节圈上的数字所代表之缝目距离如下表所示：

调节圈数字	4	5	6	7	8
缝目距离 (M/M)	4	5	6	7	8

为选择最适当缝目, 建议使用不同材质前先试车。

## 9. 调整下针深浅 (图18)

下针的深度可以借由旋转机器前方的深浅表来调节。

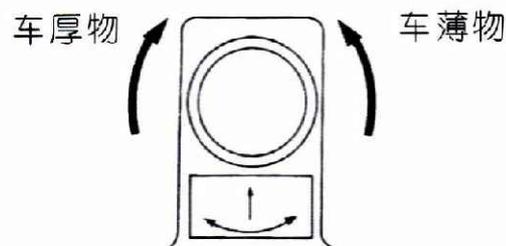


图18

车薄物时欲增加下针的深度，须将深浅表朝逆时针方向旋转，深浅表上所指示的数字愈大表示下针愈深；反之，车薄物时欲减低深度，则将深浅表朝顺时针方向旋转。

为防止损伤针和机器，建议开始车缝时先以浅针车一小段缝边，再视车缝状况决定所选用的深浅度。

注意：调整深浅表必须於机器静止的状态下方行，切勿於机器运转时调整。

## 10. 取出缝制物（图19）

先停止车缝动作，依顺时针方向转动轮子直到针完全脱离缝制物（针到达最高点）。接著往右压下脚弓并将缝制物从机器后方速地拉出，此动作可锁住尾缝的线头并折断缝线。

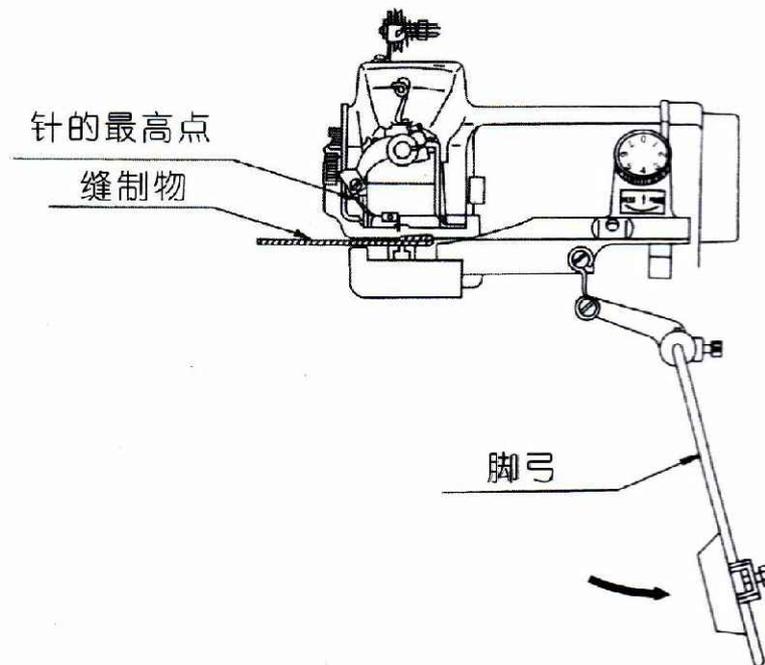


图19

## 11. 跳缝装置 (图20—21) (CM500-3没有此装置)

机器右侧的调整杆是控制跳缝的装置。当此杆扳向“NO SKIP”位置时，为一般缝法，每一缝目穿透物料一次；若扳向“SKIP”位置时，为跳缝法，每隔一缝目穿透物料一次。

为确保操作理想，此调整杆必须设定在其中一方直到车缝终止。若调整杆扳向中央将无法掌握车缝品质，此外还应注意每回由“SKIP”改设定为“NO SKIP”时，因视需要重新调整深浅表。

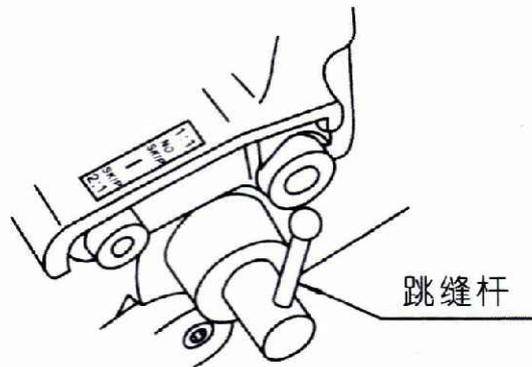


图20

无跳缝

跳缝

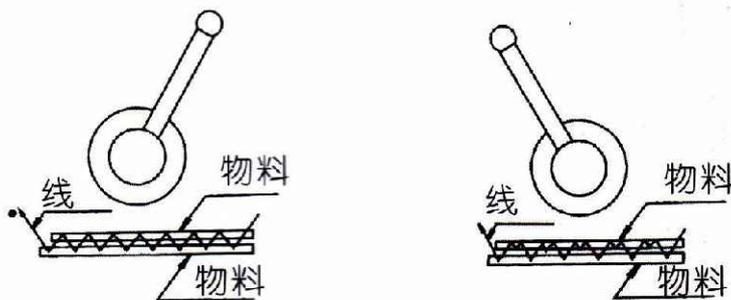
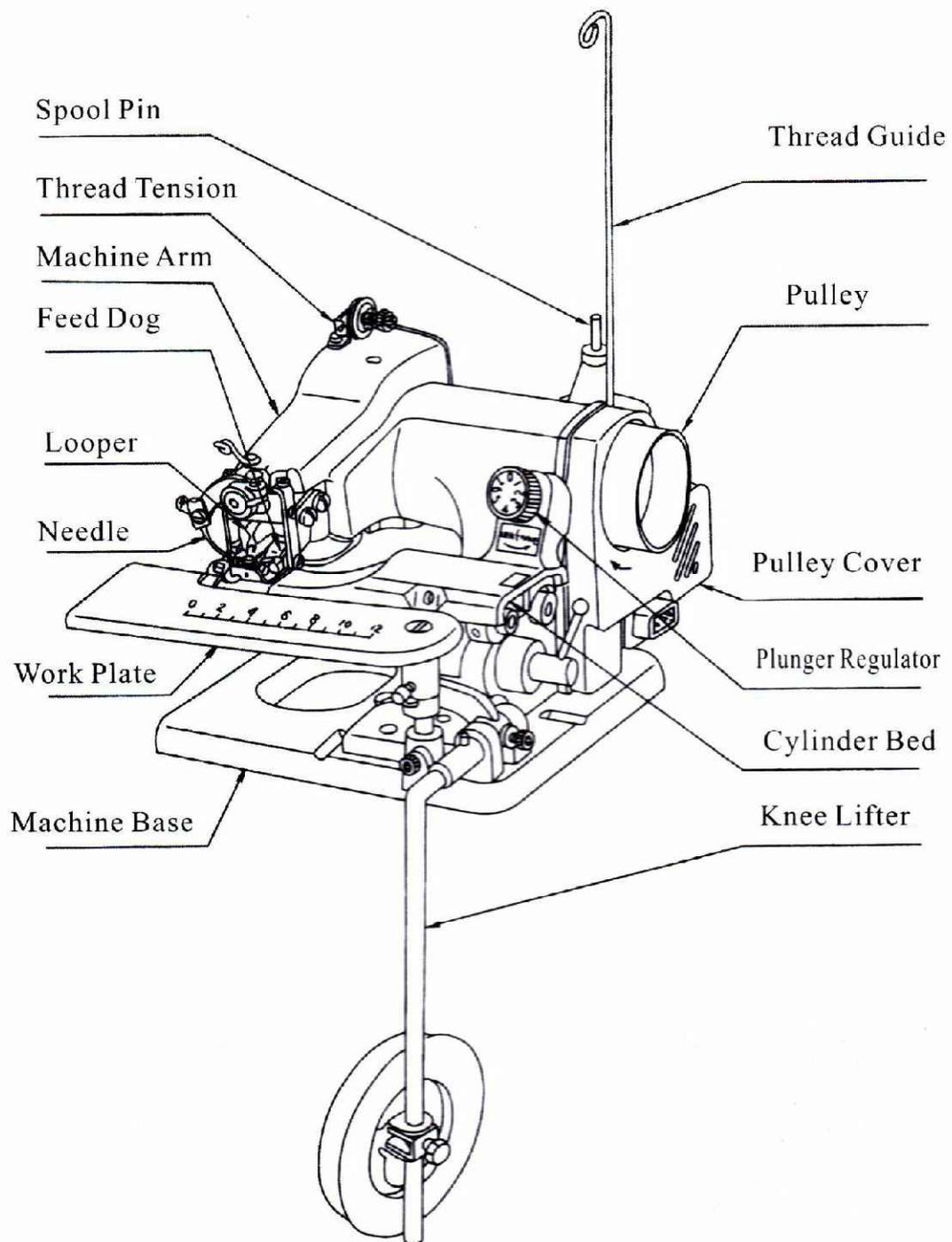


图21

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## 1.SETTING UP MACHINE FOR WORK

Unpack machine from its shipping box, making certain that you remove from box all component parts and accessories.

### A.LOCATION(Fig.1-2)

Place machine on a firm table, preferably near its right front corner. Attach machine near edge of table using table clamp which is included with the accessories. Table clamp is inserted into groove in base plate of machine either from front or right side.

The selection of the clamp groove depends on how you desire to place machine on table to suit your own convenience. Make sure machine is clamped tightly to keep it from falling off table. See Fig.1 and 2 for details of clamping.

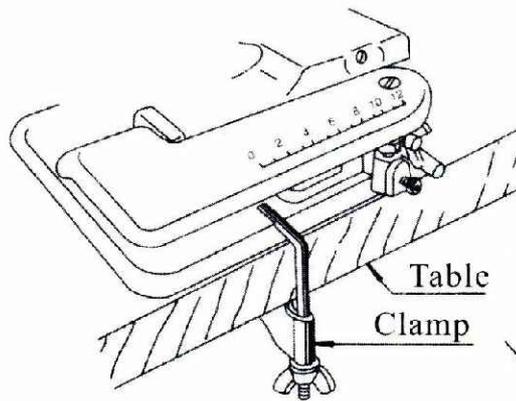


Fig. 1

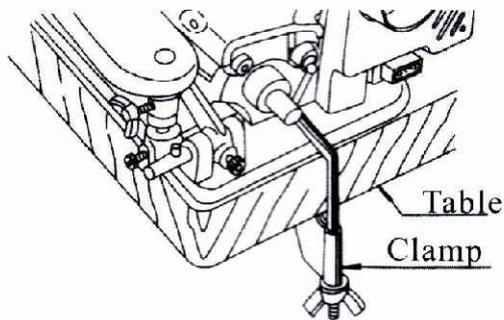


Fig. 2

### B.INSTALLING THREAD STAND(Fig.3)

First, loosen thread guide stud set screw (1) and insert thread guide (2) and stud (3) assembly into the hole at rear of machine. Then, tighten set screw(1).

And loosen clamp screw(4), and adjust head(5) of thread guide to face direction of spool pin(6). Then ,tighten clamp screw(4).

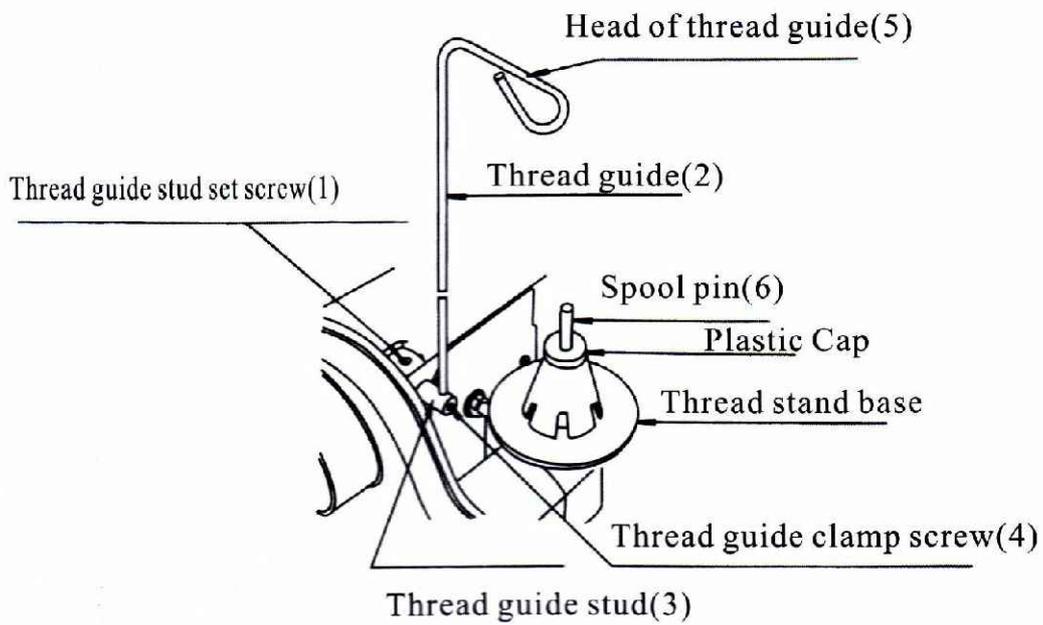


Fig3

### C. CONNECTION MOTOR CONTROLLER( Fig. 4-5)

Insert three-hole plug on controller wiring into terminal block at right side of machine and insert standard plug into wall outlet.

Place controller on floor and regulate speed of machine by stepping on of foot pedal.

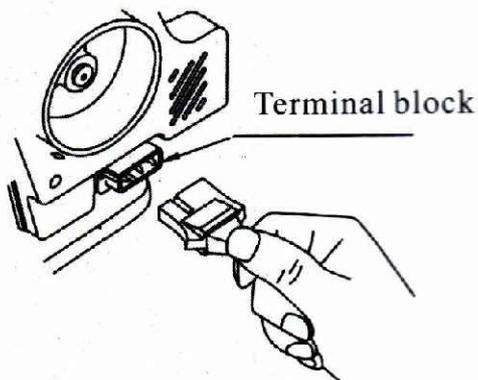


Fig4

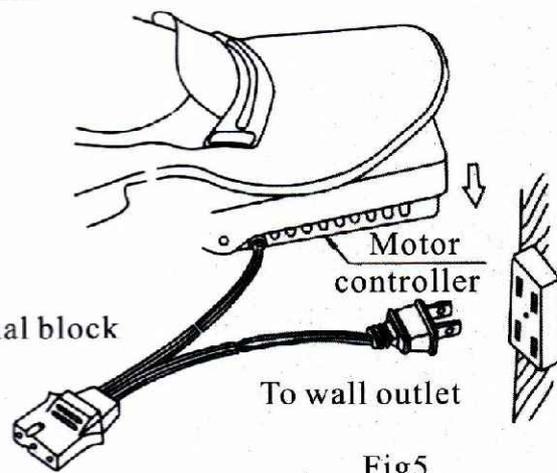


Fig5

## D. ASSEMBLY OF KNEE LIFTER(Fig.6)

Push sleeve(1) onto free end of shaft(2)and allow pin(3) to enter L-shaped groove in sleeve.

In case of adjusting the angle of knee lifter, loosen the set screw(4) and adjust the knee lifter to the suitable angle. Then, tighten the set screw(4).

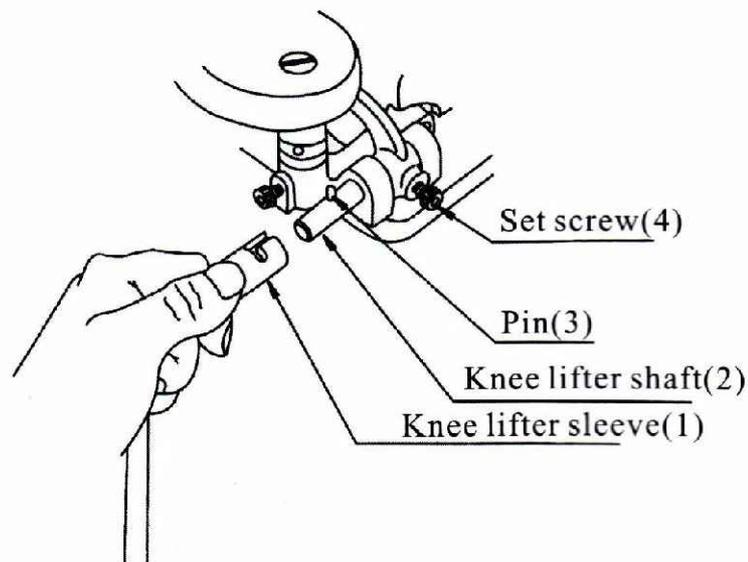


Fig6

## 2. LUBRICATION(Fig.7)

Lubrication is important for the trouble-free operation and long service life of the machine. Therefore, after setting-up machine as per paragraph1, drop a sewing machine oil into all the holes indicated by arrows on Fig.7, and also drop oil onto the inner moving parts after opening the side cover and rear cover of machine.

Daily and before operating machine, place one or two drops of sewing machine oil into all the oil holes indicated by arrows on Fig.7.

To assure clean operation, it is suggested that oiling be done upon completion of the work. This will allow excess oil to drip off and only the needed quantity will remain. Be certain to wipe off machine all excess oil before starting to work. Also before sewing, operate machine for about a minute or so with the knee lifter depressed to eliminate all excess lubricant.

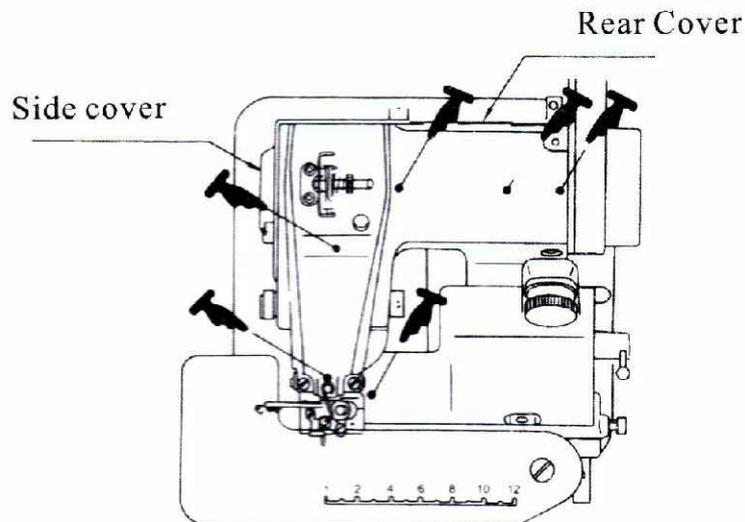


Fig7

### 3. NEEDLE AND THREAD

The recommended needle is system LW x 6T (or style 29-43) Blind stitch machine needle. Size range from No.3 to 4.

To assure satisfactory operation needles, thread and fabric must be matched as suggested in the table below.

NEEDLE	THREAD	MATERIAL
SIZE 3(11)	NO.80-100	Nylon slik and other light weight fabrics
SIZE 3 1/2(14)	NO.60-70	Cotton,woolen,and other medium weight fabrics
SIZE 4(16)	NO.50-60	Thick woolen and other thick weight fabrics

#### 4. REPLACING THE NEEDLE (Fig.8)

Turn handwheel away from you (clockwise direction) until needle reaches to the end of its return stroke. Remove needle to be replaced by loosening needle clamp, screw about (1) two turns.

Insert new needle into its seat on needle carrier (2) pushing it as far to the left as it will go. Now, tighten needle clamp screw (1).

Note: Fig.8 shows needle carrier and its part in a disassembled view.

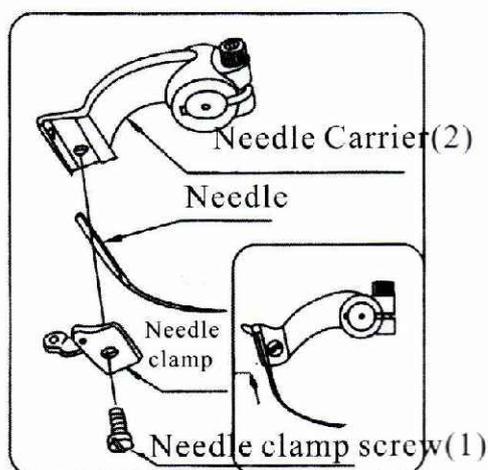


Fig.8

#### 5. THREADING MACHINE (Fig.9-12)

A. When using sewing thread from a cone, place it over plastic cup on the thread stand (Fig.9).

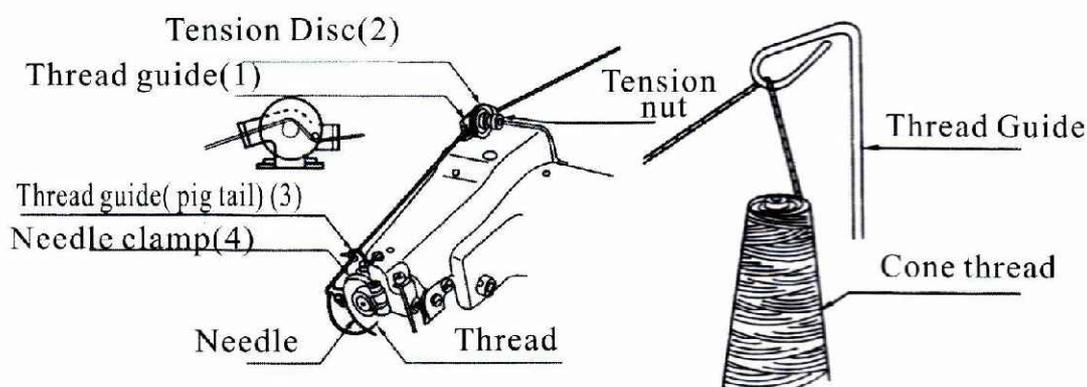


Fig.9

- B. When using spool thread, remove plastic cup before placing spool on thread stand( Fig.10)
- C. For correct threading of machine, follow carefully course of thread As shown on Fig.9

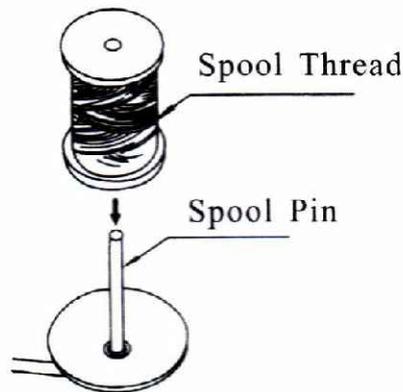


Fig.10

When reaching to thread tension device, enter thread first in rear eye of thread guide(1). Then, lead thread between the two tension discs(2) as per Fig.9. Now enter it from behind through the front eye of thread guide. Lead thread forward to front of machine. Enter thread from above into thread guide(3),and eyelet of needle clamp(4).

As this point, make certain that needle is in extreme left-hand position. Now pull thread through needle eye from below as shown in Fig. 11

It is easier to pull thread through needle eye when work plate is opened by loosening the clamp screw( Fig.12)

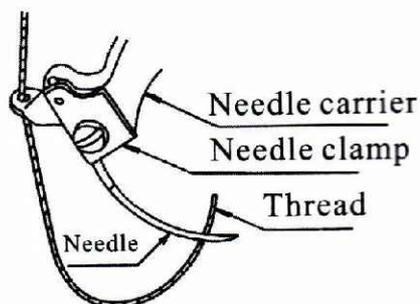


Fig.11

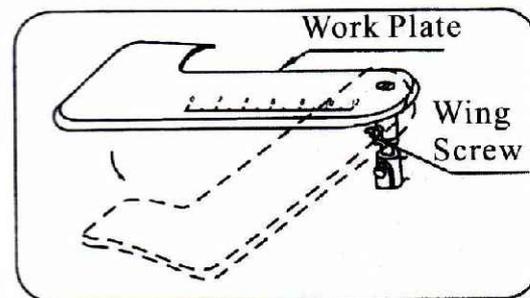


Fig.12

## 6. INSERTING THE WORK PIECE AND STARTING TO SEW(Fig.13-14)

Depress knee lifter. This causes the cylinder bed of the machine to sew downward and creates a gap between the presser foot and the cylinder bed. Insert the work in the gap just opened in such a manner that the folded or sewn edge of the article is alongside the edge guide of the presser foot.

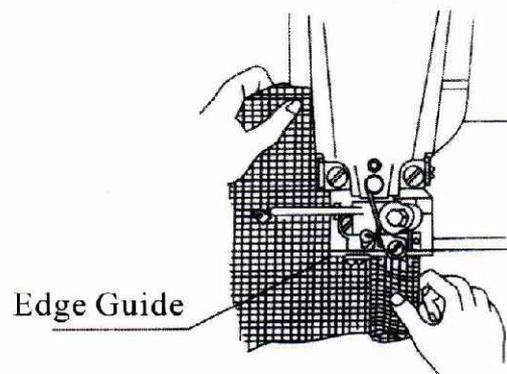


Fig.13

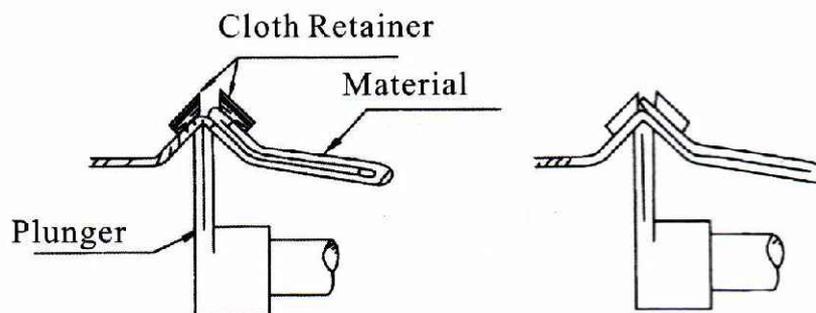


Fig.14-1

Fig.14-2

When the article is in proper position, completely release the knee lifter. Get the machine started slowly and watch the material pass edge guide rather than to observe the action of the needle.

In case of sewing double folded edge of material, insert the material as per fig.14-1. In case of sewing single folded, insert the material as per Fig. 14-2

## 7. Adjustment of thread tension( Fig. 15-16)

Different kinds and weights of material and the various sizes of thread require respective thread tension. Thread tension is regulated by turning the tension nut located at the top of the machine arm.

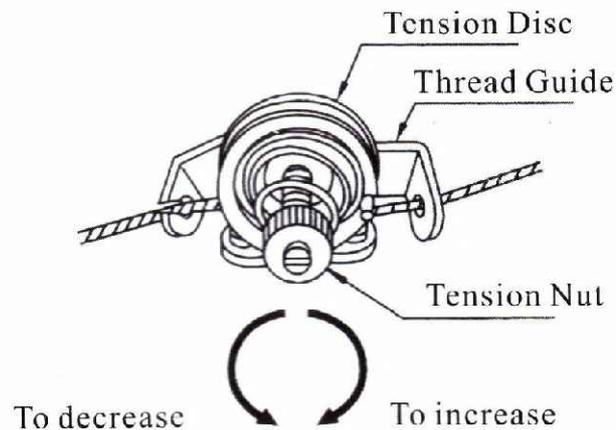


Fig.16

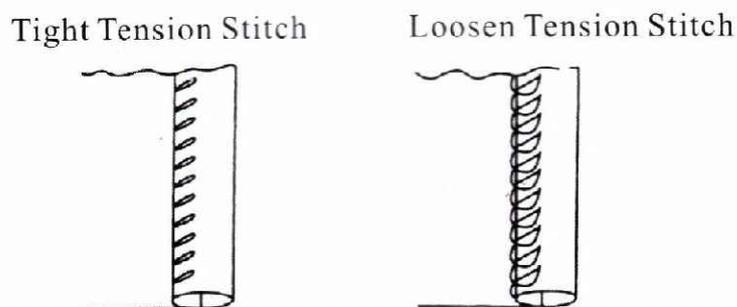


Fig.15

To increase thread tension, turn the nut away from you( clock wise)  
To decrease the tension, turn the nut towards you (counter-clockwise)  
Do not turn, tighten, or loosen tension more than about one quarter turn at one time. Test for results and readjust, if necessary.

## 8. REGULATING STITCH LENGTH (Fig.17)

Open side cover by loosening two clamp screws. Loosen two set screw(1) in stitch regulating collar(2), and turn collar(2) until desired number is reached by indicator groove(3) of eccentric. Then, tighten screws(1) securely.

When delivered from our factory, the number for stitch length of the machine is set to be at "6"

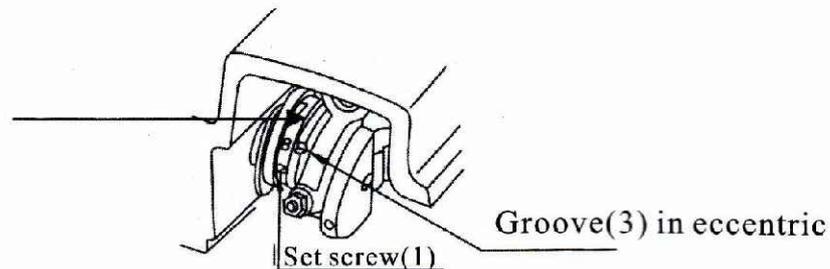


Fig. 17

Each number shows the following stitch length.

Number on collar	4	5	6	7	8
Stitch length(M/M)	4	5	6	7	8

To have best choice of stitch length, recommend to have a few trial stitching on different kind materials.

## 9. ADJUSTMENT OF NEEDLE PENETRATION (Fig.18)

The depth of needle penetration into the cloth can be adjusted by turning the plunger regulator located on front of the machine.

For Thick Material

For Thin Material

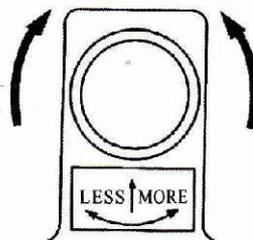


Fig. 18

To increase needle penetration for light materials, turn the regulator counter-clockwise. The greater the number directly in front on the regulator dial, the deeper the penetration of the needle. To lessen the penetration for thick materials, turn regulator clockwise.

To prevent damage to the needle and the machine, it is recommended to begin sewing with the least degree of penetration, and to sew a short length of seam. Check for catching of the material and appearance, making whatever penetration adjustments are required until stitching is as desired.

**NOTE:** Beginning and end of penetration adjustments are controlled by built-in stops. Do not force beyond its stops.

## 10. REMOVAL OF THE WORK FROM THE MACHINE(Fig.19)

Stop machine and turn handwheel away from you until needle is completely out of the material (at highest position). Press knee lifter to the right and pull the work piece rearward out of the machine with a quick stroke. This will lock the last stitch and break the thread.

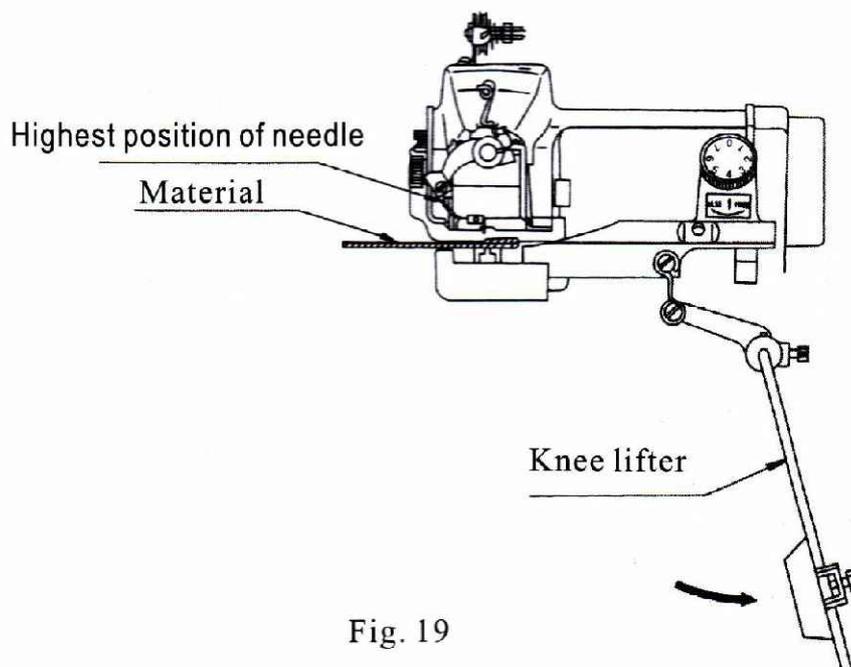
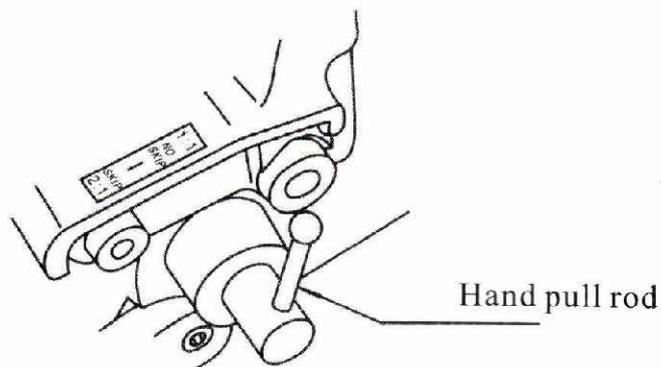


Fig. 19

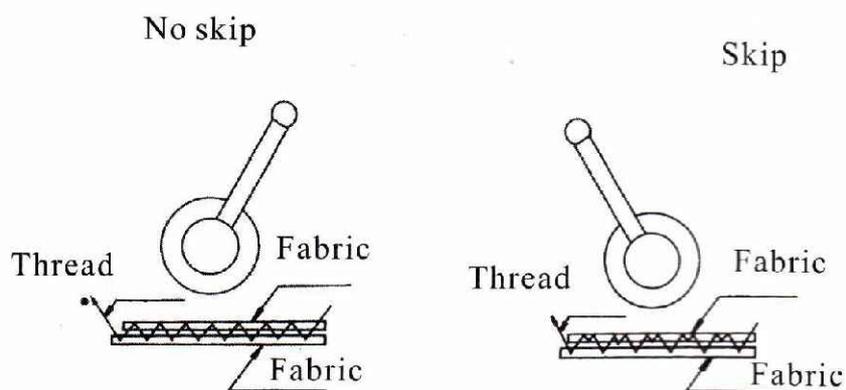
## 11. SKIP STITCHING DEVICE (SKETCH 20-21)

Hand pull-rod which controls skip-stitching device is at the right side of machine. When pull-rod points to “no skip” position, fabric shall be sewn every stitch. When pull-rod points to skip position, fabric shall be sewn every other stitch.

In order to guarantee machine to run as per requirement, please do not pull the rod to another direction before the machine stops. If the pull-rod is kept in the middle position, the machine will run unsteadily. Meanwhile, if necessary, penetration of needle should be checked and adjusted again every time when a conversion between “skip” and “no skip” is made.



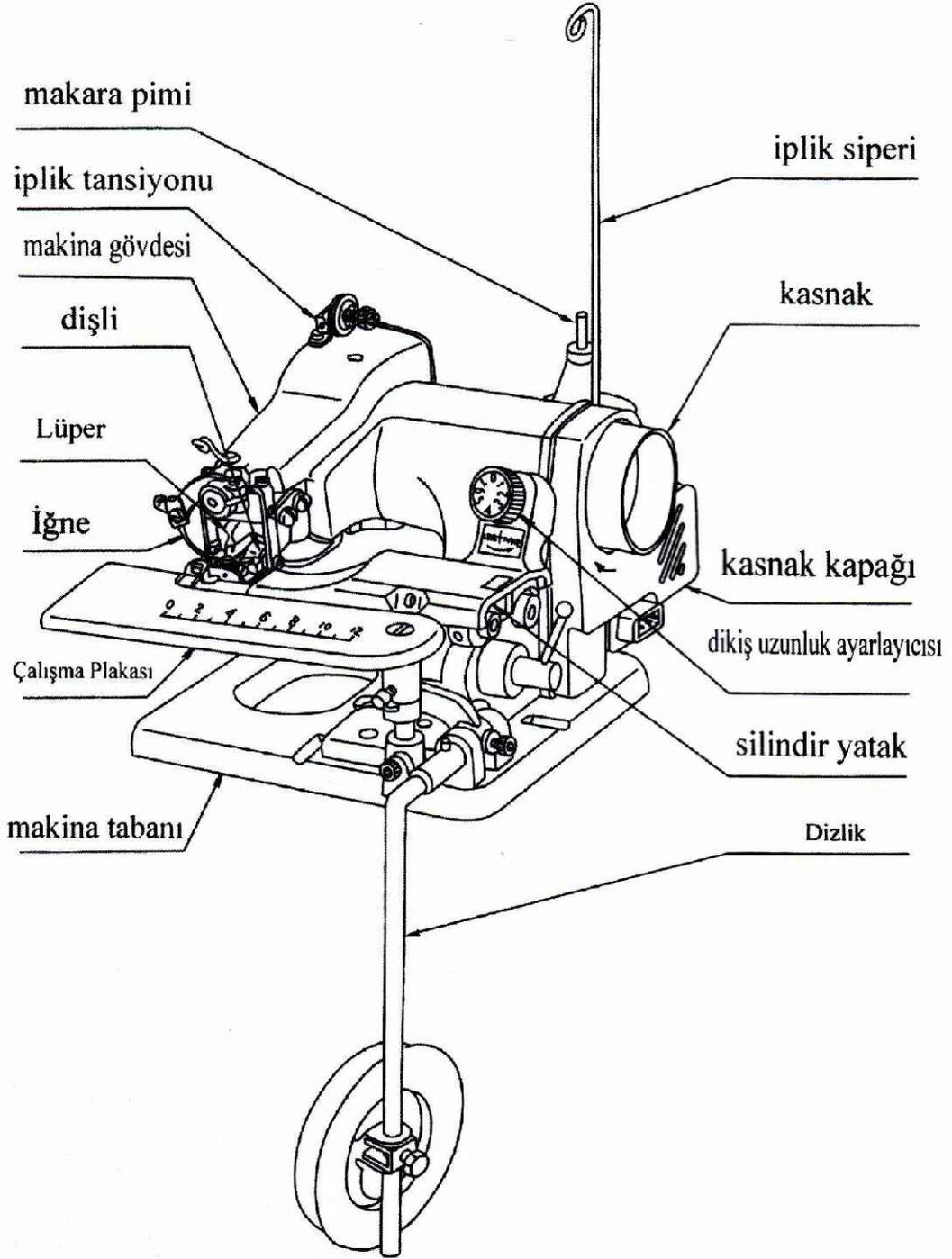
Sketch 20



Sketch 21

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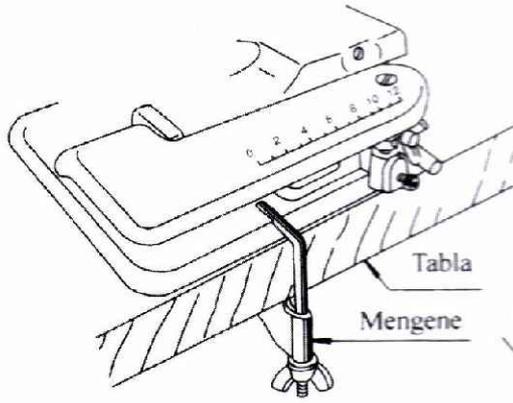
## 1. MAKİNENİN KURULMASI

Makinenin kartonunu açınız.Makine kartonunun içerisinde bulunan tüm yedek parçaları çıkartınız ve kartonun içerisinde hiç bir şey unutmayınız.

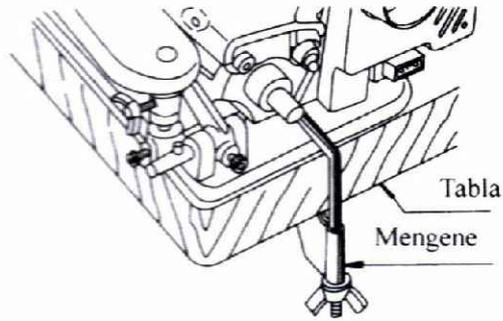
### A. MAKİNEYİ YERLEŞTİRME(RESİM.1-2)

Makineyi tablanın sağ ön tarafına yerleştirin.Makineyi tablaya parçaları ile birlikte tutturunuz.Tabla mengenesi parçaların parçaların içerisinde mevcuttur.

Mekineyi kurarken çalışma pozisyonunuz en rahat hangi şekilde olacaksa yada dikiş esnasında dikeceğiniz kumaşın boşta kalan kısmının yere düşmemesi için makineyi tablasına en uygun vaziyette monte etmeye dikkat ediniz.Bkz.Resim1 ve Resim 2 Yerleştirme



Resim. 1

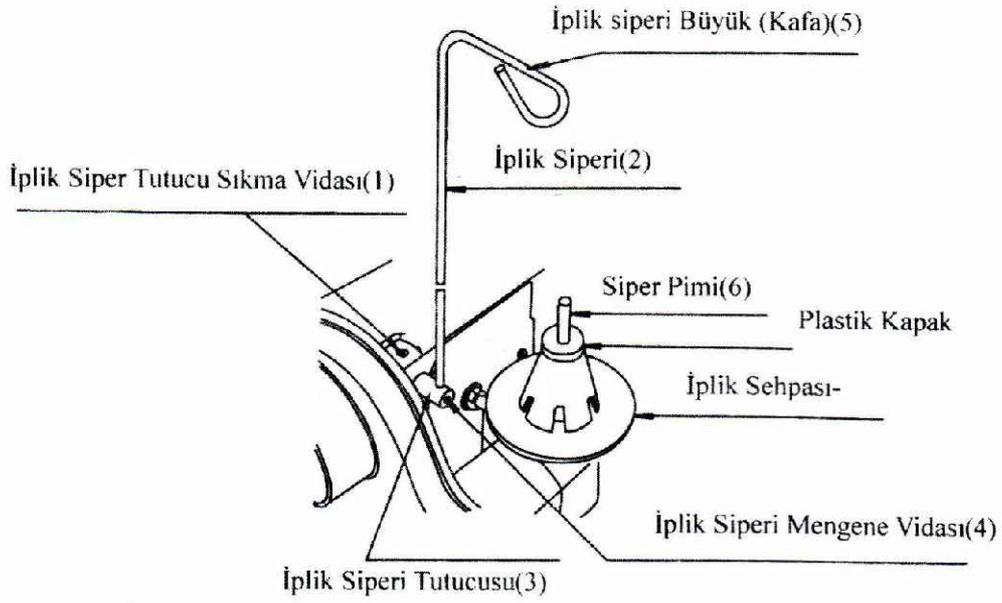


Resim.2

### B. İPLİK SEHPASININ KURULMASI(Resim.3)

Başlangıç olarak, iplik siperi ayar vidasını çıkartınız.(1) İplik siperini yerleştirin(2) ve takın (3) makinenin arkasına monte edin.Ayar vidalarını sıkın.

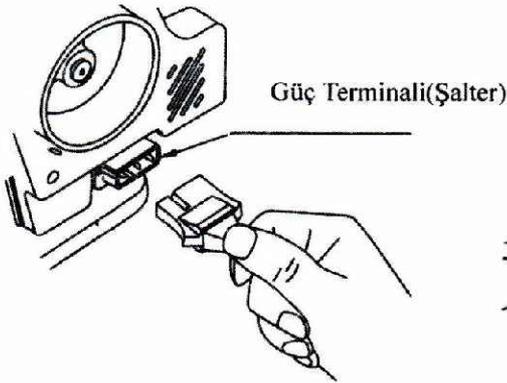
Mengene vidasını gevşetin.(4), ve makine kafasını ayarlayın(5) iplik süzgecini yüzeye doğru çevirin pi mile ayarlayın(6). Mengene vidasını sıkın(4).



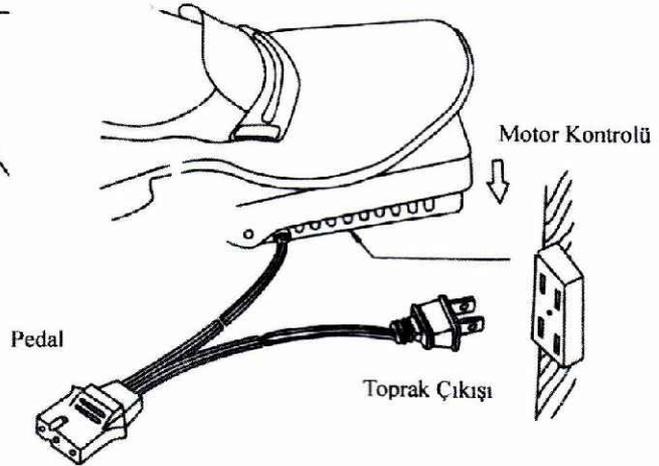
Resim. 3

### C.MOTOR BAĞLANTISI VE KONTROL ( Resim. 4-5)

Makinenin açma kapama şalterini tablanın sağ tarafına monte ediniz.Fiş topraklı olacaktır Fişi taktıktan sonra pedal ile makinenin dönüş yönünü ve hızını control ediniz.



Resim.4

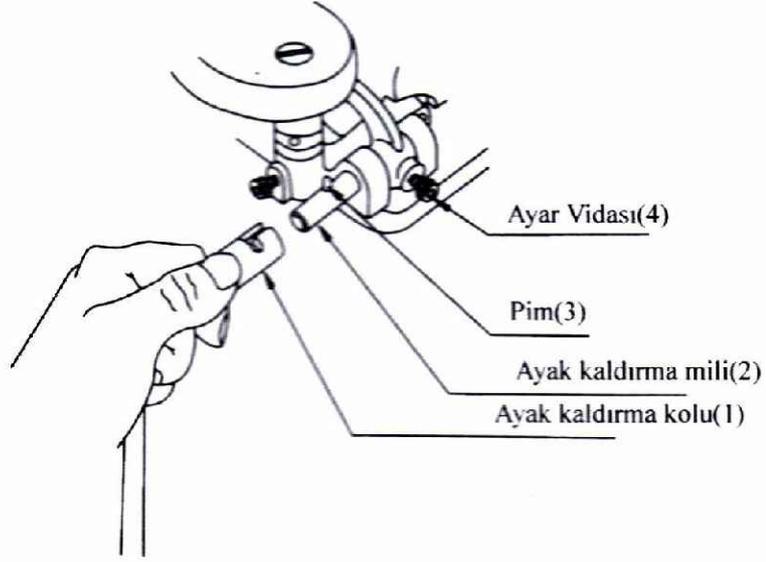


Resim.5

#### D. AYAK KALDIRMA KOLUNUN MONTE EDİLMESİ(RESİM.6)

Kolu itin(1) saft boşta kalsın(2)Pimi yerleştirin(3) L demiri kola yerleştirin.

Dizlik Demirinin açısının ayarlanması için(dizinize göre), Ayar vidasını gevşetin.(4) ve dizliği kendinize göre ayarlayın.Daha sonra ayar vidasını terkar sıkın.(4).



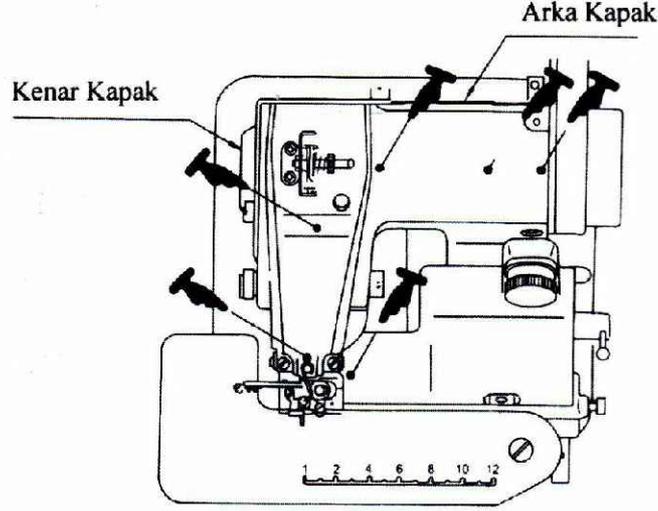
Resim. 6

#### 2. YAĞLAMA

Makinenin yağlanması son derece önemlidir.Makinenin çalışma performansı ve ömrü yağlamanın düzenli yapılması ile uzar.Makineyi yağlamak için makine üzerinde bulunan ok ile işaretlenmiş kısımlardan yağdanlık ile yağ sıkılması suretiyle yapılır.(Bkz.Resim 7.)Makineyi çalıştırdıktan sonra kapaklarını açarak makinenin çalışan aksamaları da yağlanır.

Günlük olarak makine çalışmadan önce bu deliklerden 1 ya da 2 damla makine yağı sıkınız.Resim.7

Makine çalıştırdıktan sonra temizleme işlemini ihmal etmeyiniz.Temizleme ve yağlama işlemi bittikten sonra dizlik ile makinenin çalışma çenesini aşağıya indiriniz ve makineyi bir süre çalıştırarak yağlamanın muntazam olarak yapılmasını ve parçaların yağlanmasını sağlayınız.



Resim 7

### 3 İğne & İplik

İğneyi Değiştirirken LW x 6T (or style 29-43) system nolu gizli dikiş makinesi iğnesi kullanılır.

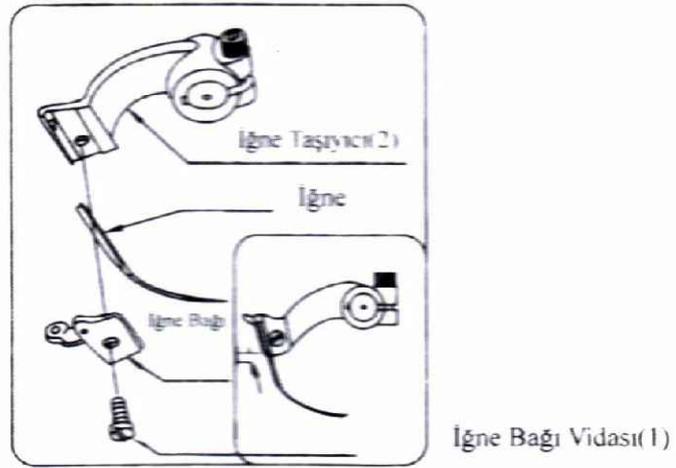
İğne ve İplik Aralıkları No.3 to 4. de gösterilmiştir.

Dikişte kalite için aşağıda belirlenen numaraları uygulamanız önerilir.

İğne	İplik	Kumaş Tipi
Size 3(11 No)	No.80-100	İnce Kumaşlar
Size 3 1/2(14 No)	No.60-70	Orta Kalınlıktaki Kumaşlar
Size 4(16 No)	No.50-60	Kalın Kumaşlar

#### 4. İĞNENİN DEĞİŞTİRİLMESİ (RESİM.8)

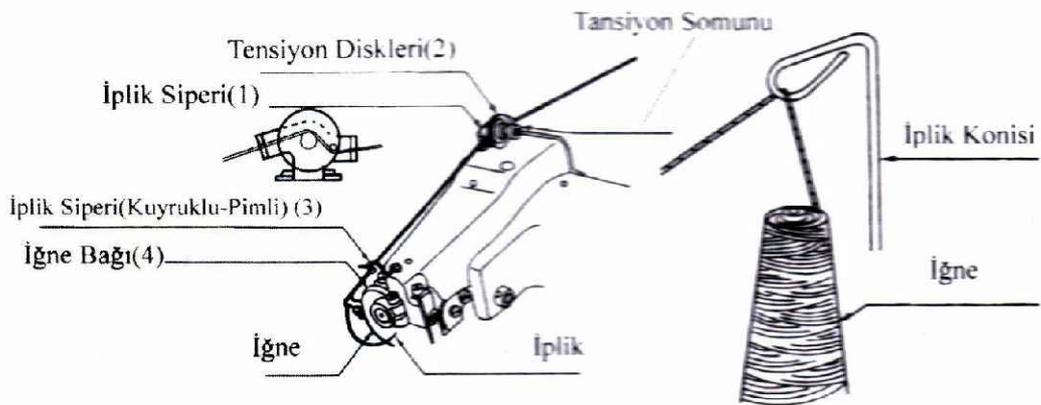
Makine kasnağını elinizle çeviriniz (Saat yönünde) iğne en sol pozisyona gelince iğne bağının üzerindeki vidayı gevşetin vidayı iki kere çevirmeniz yeterlidir. Eski iğneyi çıkartın ve yenisi ile değiştirin(2). Daha sonra iğne bağı vidasını tekrar sıkın.(1)



Resim. 8

#### 5. MAKİNE İPLİĞİNİN TAKILMASI (RESİM.9-12)

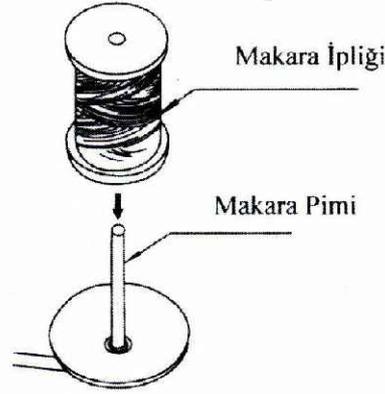
A. Makineyi kullanırken plastik İplik Konileri kullanınız. (Resim.9).



Resim.9

B. Makara İpliği kullanırken plastic konileri çıkartınız(Resim.10)

C. Makine İpliğini Resim.9 a gore dikkatlice takınız.

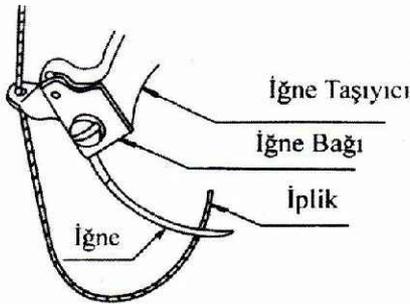


Resim.10

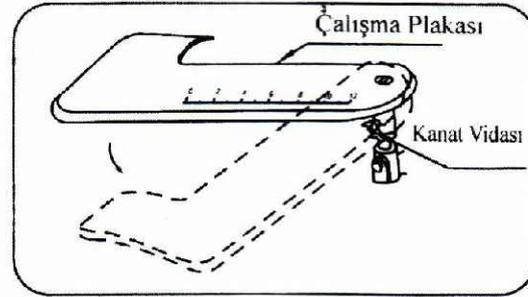
İpliği Tansiyondan geçirirken ilk önce iplik süzgecinin arkasındaki deliği kullanınız.(1). Daha sonra iki tansiyon diskinin arasından ipliği geçiriniz.(2) Resim.9. Sonra ipliği arkadan öne doğru getiriniz İplik makinenin önüne doğru gelecektir.İpliği yukarıdaki yerlerden geçirdikten sonra (3).İğne bağının üzerindeki delikten geçiriniz.(4).

Bütün bu işlemleri iğne en sol pozisyondayken yapın.Şimdi ipliği çekerek aşağıdaki gibi iğne gözünden geçirin Resim 11

İpliği iğnenin gözünden çekmek ve iğne vidasının gevşetilmesi çalışma çenesi aşağıda iken kolaylaşır.(Resim.12)



Resim.11



Resim.12

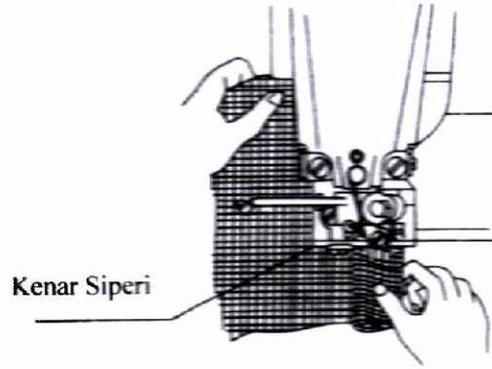
## 6. KUMAŞIN YERLEŞTİRİLMESİ VE DİKİŞE BAŞLAMA (RESİM.13-14)

Makina dizliğini itekleyin. Bunun amacı dişli plakasının alta doğru çekilmesini sağlayacaktır. Dikilecek kumaşı ayak ile iğne plakası arasına yerleştirin.

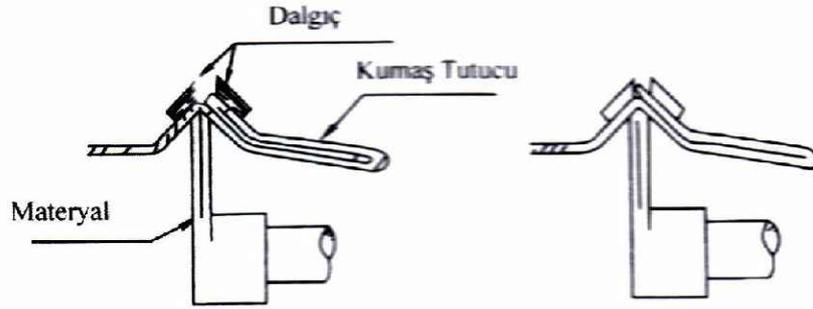
Kumaşın uzun tarafını dikiş kenar siperinin yanına yerleştirin ve işi katlayın.

İşi yerleştirdikten sonra dizliği geri bırakınız. Makineyi yavaş yavaş dikmeye başlayınız. Makinenin gizli dikiş yapışını ve kumaşa iğnenin dalışını kontrol ediniz.

Silindir yataklı makineler baskı ayağı ile silindir yatak arasında dikiş yaparlar. İşi yerleştirirken işi katlayarak siper kenarına getirmeyi ve kenarından dikiş yapmaya dikkat ediniz.



Resim 13



Resim. 14-1

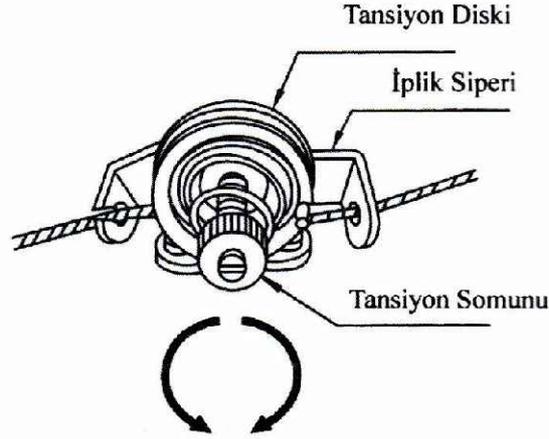
Resim. 14-2

Kumaş hazırlandıktan sonra, Dizliği tekrar bırakın. Makineyi yavaşça çalıştırın ve iğnenin kumaşa girişini ve diğer ayarları yapın. Daha sonra kumaşın kenar dikiş siperinden gitmesine özen gösterin.

Çift kıvrımalı makinelerde kumaşlar Resim.14-1 deki gibi yerleştirilir. Tek kıvrımalı makinelerde kumaş katlama Resim. 14-2 deki gibidir.

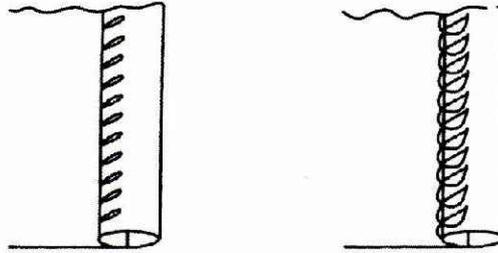
## 7. İPLİK TANSİYONUNUN AYARLANMASI(RESİM. 15-16)

İplik tansiyonu dikilen kumaşın cinsine,kalınlığına ve diğer özelliklerine göre ayarlanır.Makinenin iplik tansiyonunu ayarlarken tansiyon üzerinde bulunan tansiyon somunu sıkılarak veya gevşetilerek ayarlanır.Bu skıma ve gevşetme işlemi dikişin kumaş üzerinde muntazam görünmesi için yapılır.-



Resim. 16

Dar (Sık) Tansiyonlu dikiş      Geniş(Bol) Tansiyonlu Dikiş



Resim. 15

İplik tansiyonunu yükseltmek için tansiyon somununu saat yönünde çeviriniz.

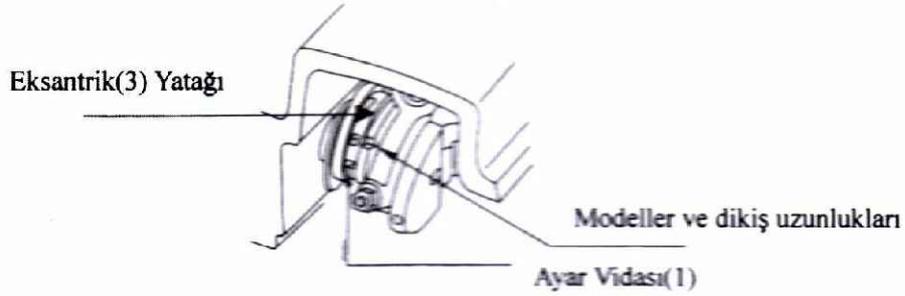
İplik tansiyonunu azaltmak için ters saat yönünde çeviriniz.

İplik tansiyonunu çok fazla ya da çok az sıkıp gevşetmeyin.Sadece dikişin muntazam olarak yapılması için gerekli miktarlarda ayarlayınız.

### 8. DİKİŞ UZUNLUK AYARI(RESİM.17)

Makinenin kenarında bulunan kapağı açın ve iki vidayı gevşetin.(1) dikiş ayar regülatörü(numaratörü)(2), ve kolu çevirin(9) Eksantrik üzerindeki numaralardan istediğimize gelene kadar çevirdikten sonra(3) Vidaları dikkatlice tekrar sıkınız(1)

Fabrikadan çıkışta dikiş uzunluğu "6" olarak ayarlanmaktadır.

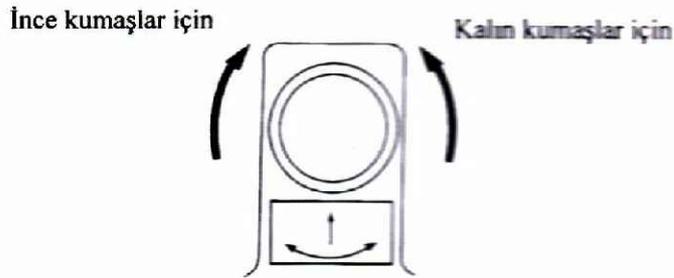


Yaka Noları	4	5	6	7	8
Dikiş Uzunlukları(M/M)	4	5	6	7	8

Dikeceğiniz materyallere göre dikiş uzunlukları farklı makineler mevcuttur. İsteddiğiniz makineyi istediğiniz uzunlukta kullanabilirsiniz.

### 9. İĞNE BATIM AYARI (RESİM.18)

İğnenin batım ayarı(kumaşa dalma)makine gövdesinde bulunan numeratör sayesinde kolaylıkla ayarlanır.



Resim. 18

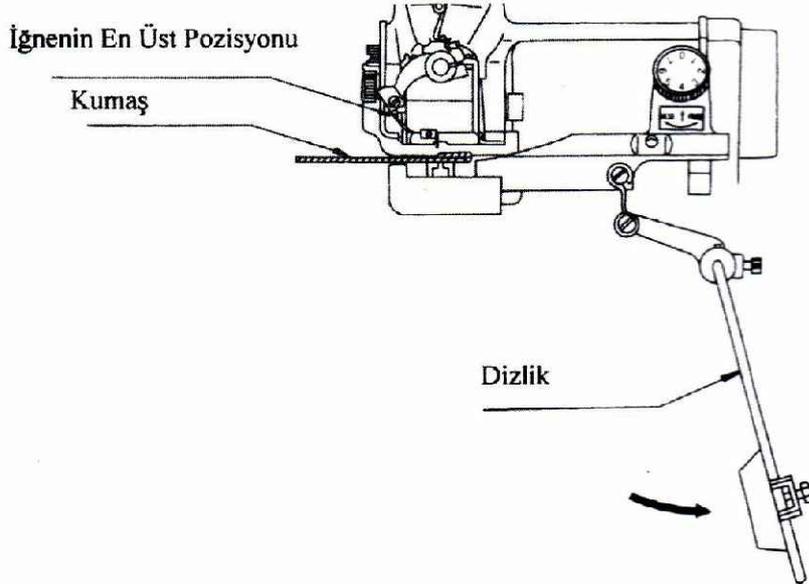
İğne dalışını yükseltmek için ince kumaşlarda iğne dalış regülatörünü saat yönünde çeviriniz.İğne batımı dalışı ince kumaşlarda az kalın kumaşlarda çok olur.

İğne dalışını kumaşın türüne göre ayarladıktan sonra makinenin dikiş uzunluğunda control edilmesi gerekir.Az dalışlarda iğne plakanın çok yakınından geçer ,iğnenin plakaya vurmaması için makineyi çalıştırmadan önce control ediniz.Daha sonra dikişi tamamlayınız.Makinenin dikişi ince veya kalın kumaşlarda alttan gözükmemesi için devamlı control ediniz.Bu kontrol işin dikişi esnasında gizli dikişin alt tarafından gözükmemesini sağlar.

NOT:Makine gizli dikiş makinesidir.Kumaşın bir tarafında gizli dikiş oluşurken kumaşın diğer tarafında dikişin gözükmemesi gerekmektedir.Dikiş görünüyorsa makinenin iğne dalışında ayar sorunu vardır.

#### 10. KUMAŞIN MAKİNE DEN ÇIKARTILMASI(RESİM.19)

Makine durduktan sonra elinizle makine kasmağını çevirin.İğne kumaştan çıktıktan sonra(En üst Pozisyan)makinenin dizliğine basın daha sonra işi hızlıca makineden çıkartın.Bu esnada makine dikişin en sonuna kilit atmış olacaktır.Böylece teğel dikiş çözülmez.Kilit atıldıktan sonra makinenin ipliğini kopartın.

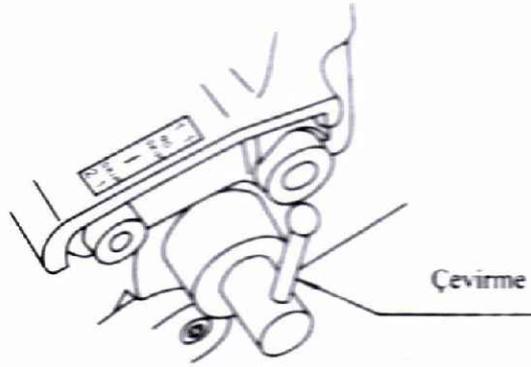


Resim. 19

## 11. ATLAMA DİKİŞ SİSTEMİ (SKETCH 20-21)

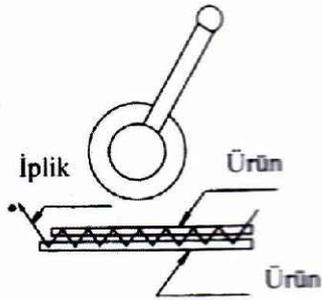
Skipli ve ya skipsiz ayar aparatı makinenin sağ tarafındadır. Skipsiz pozisyona getirdiğinizde makinenin iğnesi her dalışında kumaşı yakalayacaktır. NO SKIP pozisyonuna getirdiğinizde makine bir atlama bir yakalama lı olarak çalışacaktır.

Skipli ve ya skipsiz çalışmayı seçtiğinizde makine çalışırken bu sisteme müdahale etmeyin .İlk önce makineyi durdurun ve daha sonra seçiminizi yapın ve çalışmaya devam edin.

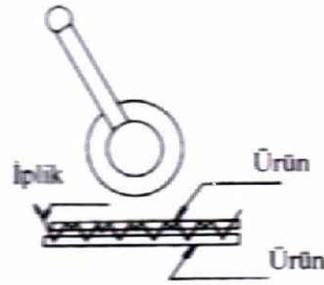


Sketch 20

Skipsiz



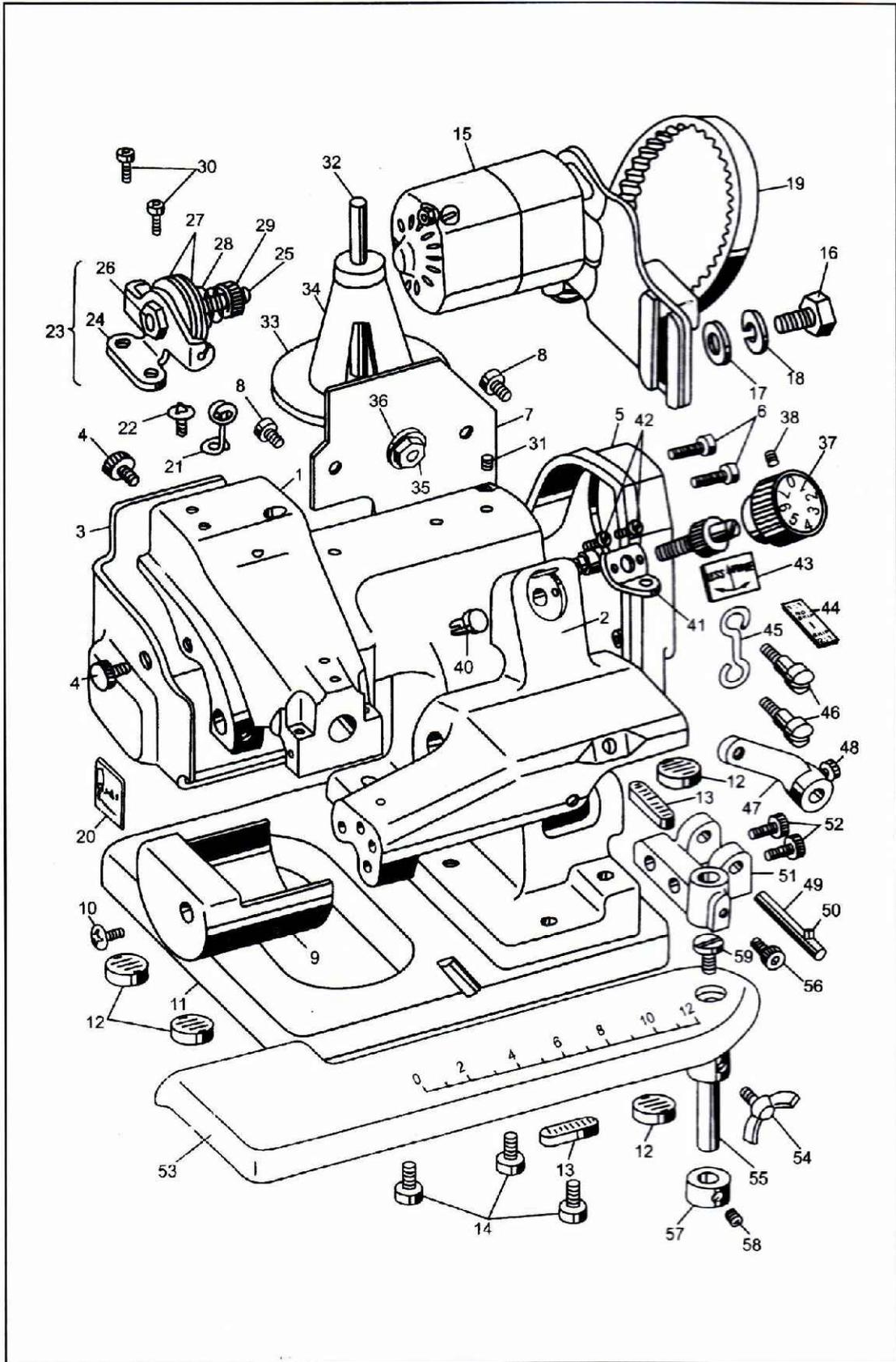
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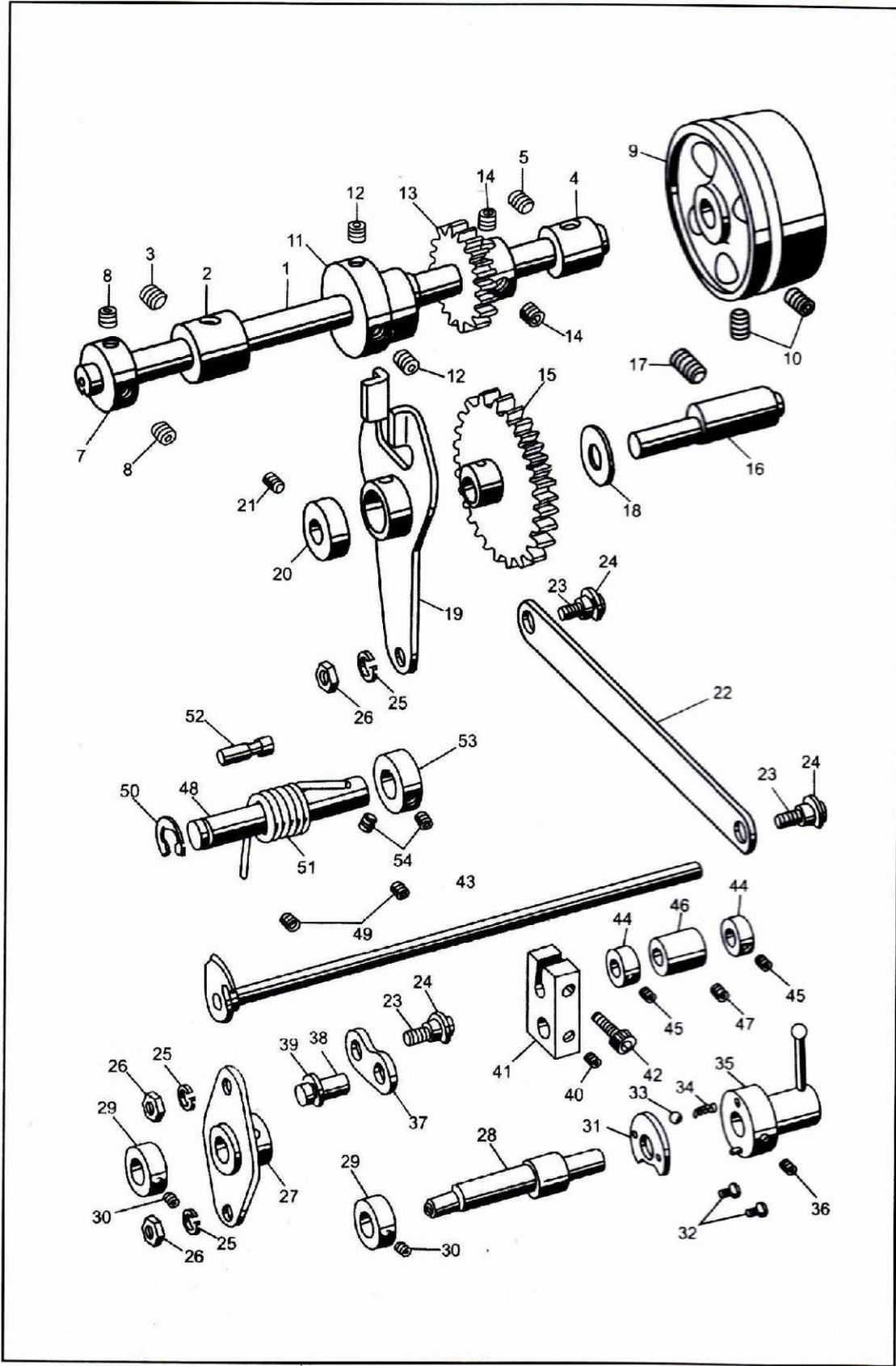
Sketch 21

# 零配件系列表

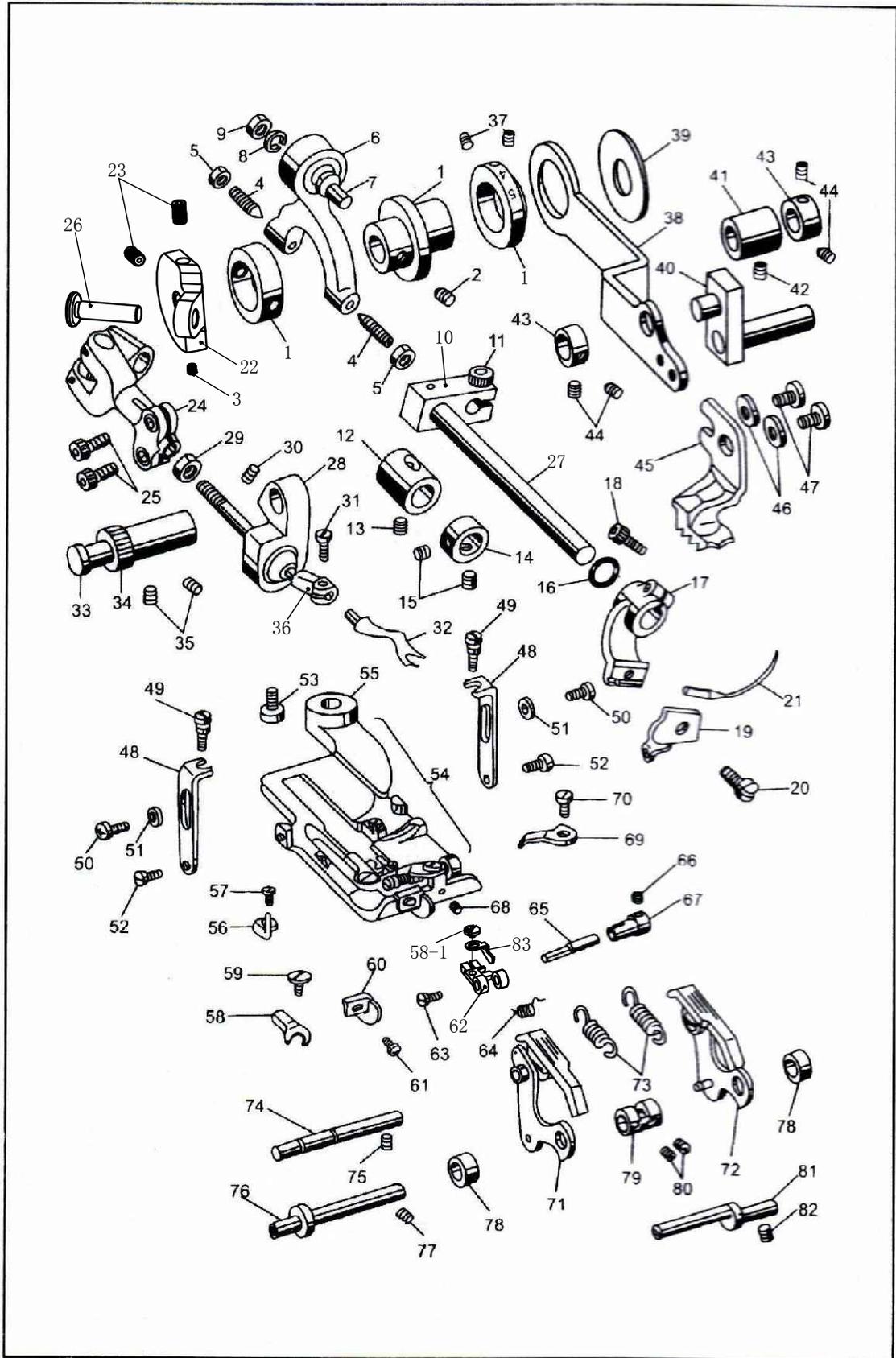
## PARTS LIST



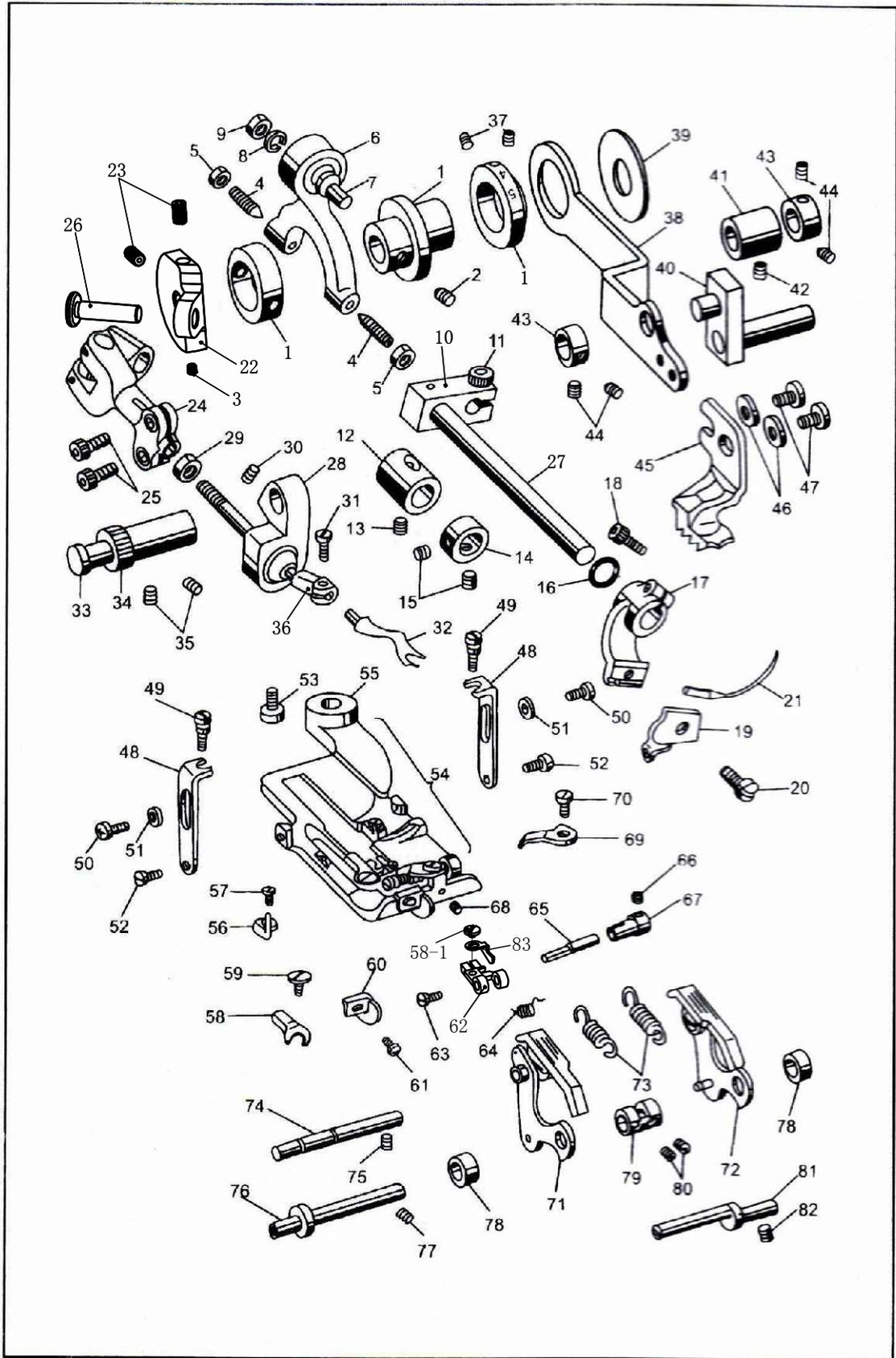
编号 Ref.Nos.	零件号 Parts No.	名称 Description	名称 Description
1	K-JJ500	机架	Machine Frame
2	K1-02	圆筒床	Cylinder Bed
3	K1-03-A	机臂侧盖	Arm Side Cover
4	K1-04	臂侧盖夹钳螺钉	Arm Side Cover Clamp Screw
5	K1-05-A	滑轮盖	Pulley Cover
6	LD00005	滑轮固定螺钉	Pulley Cover Set Screw
7	K1-07	臂后盖	Arm Rear Cover
8	LD00172	臂后盖固定螺钉	Arm Rear Cover Set Screw
9	K1-09	端面盖	End Cover
10	LD00172	端面盖螺钉	End Cover Set Screw
11	K1-11-D	带橡皮垫机座	Machine Base With Rubber Cushion
11	K1-11-D	带橡皮垫机座	Machine Base With Rubber Cushion
12	K1-12	橡皮垫 (A)	Rubber Cushion(A)
13	K1-13	橡皮垫 (B)	Rubber Cushion(B)
14	LD00535	机座夹钳螺钉	Machine Base Clamp Screw
15	K1-15-D-HX	马达	Motor
16	LD00006	马达支架螺钉	Motor Bracket Set Screw
17	DQ00007	马达支架弹簧垫圈	Motor Bracket Spring Washer
18	DQ00062	马达支架弹簧垫圈	Motor Bracket Spring Washer
19	K5-55-1	马达皮带	Motor Belt
20	BZ1-13	针系列标牌 (LW x 6T)	Needle System Label(Lw x 6T)
21	K1-21	过线圈	Thread Guide (Pig Tail)
22	LD00172	过线圈固定螺钉	Thread Guide Set Screw
23		线松紧组件 (参照24-29号)	Thread Tension Assembly(Ref.Nos.24-29)
24	K1-24	线松紧器支架	Thread Tension Bracket
25	K1-25	线松紧接线柱	Thread Tension Post
26	LM00011	线松紧接线柱螺母	Thread Tension Post Nut
27	K1-27-A	线压力盘	Thread Tension Disc
28	K1-28-B	线压力弹簧	Thread Tension Spring
29	K1-29	线松紧螺母	Thread Tension Nut
30	LM00172	线松紧支架固定螺栓	Thread Tension Bracket Set Screw
31	LD00001	螺栓	Thread Guide Stud Set Screw
32	K1-32	线台柱	Thread Stand
33	K1-33	线台座	Thread Stand Base
34	K1-33	塑料帽	Plastic Cap
35	LM00027	线台螺母	Thread Stand Nut
36	DQ00008	线台垫片	Thread Stand Washer
37	K1-37	深浅调节轮	Disc Regulator (Moss-Green)
37	K1-37	深浅调节轮	Disc Regulator(Wine-Red)
38	LD00099	深浅调节轮固定螺栓	Disc Regulator Set Screw
39	K1-39	深浅调节轮刻度盘螺栓	Disc Regulating Dial Screw
40	K1-40	深浅调节轮刻度盘螺栓支柱	Disc Regulating Dial Screw Prop
41	K1-41	深浅调节轮弹簧片	Disc Regulating Plate Spring
42	LD00537	深浅调节轮弹簧片固定螺栓	Disc Regulating Plate Spring Set Screw
43		深浅调节轮指示标牌	Disc Regulating Indicating Label
44		跳缝标牌	Skip Stitch Label
45	K1-45	圆筒床联接环	Cylinder Bed Connecting Hook
46	K1-46	圆筒床联接环螺栓	Cylinder Bed Connecting Hook Screw
47	K1-47	升降杆曲柄	Knee Lifter Crank
48	LD00535	升降杆曲螺栓	Knee Lifter Crank Set Screw
49	K1-49	升降杆轴	Knee Lifter Shaft
50	TX00001	升降杆轴弹性销	Knee Lifter Shaft Spring Pin
51	K1-51	工作台支架	Work Plate Bracket
52	LD00535	工作台支架固定螺栓	Work Plate Bracket Set Screw
53	K1-53	工作台	Work Plate
54	K1-54	工作台固定螺栓	Work Plate Wing Screw
55	K1-55	工作台轴	Work Plate Shaft
56	LD00535	工作台轴固定螺栓	Work Plate Shaft Set Screw
57	K2-20	工作台轴环	Work Plate Shaft Collar
58	LD00003	工作台轴环固定螺栓	Work Plate Shaft Collar Set Screw
59	K1-59	工作台螺栓	Work Plate Shaft Screwed Cap



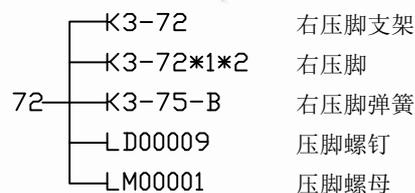
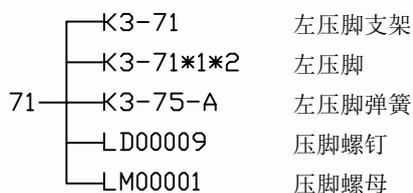
编号 Ref.Nos.	零件号 Parts No.	名称 Description	名称
1	K2-01	Main Shaft	主轴
2	K2-02	Main Shaft Bushing (Front)	主轴套筒 (前)
3	LD00001	Main Shaft Bushing Set Screw	主轴套筒固定螺栓
4	K2-04	Main Shaft Bushing (Rear)	主轴套筒 (后)
5	LD00001	Main Shaft Bushing Set Screw	主轴套筒固定螺栓
6		Main Shaft Thrust Washer	主轴套筒止推垫圈
7	K2-07	Main Shaft Collar	主轴环
8	LD00003	Main Shaft Collar Set Screw	主轴环固定螺栓
9	K2-09-1-ZS	Pulley (Moss-Green)	滑轮
9	K2-09-1-ZS	Pulley (Wine-Red)	滑轮
10	LD00001	Pulley Set Screw	滑轮固定螺栓
11		Eccentric Bushing	拾布偏心轮
12	LD00003	Eccentric Bushing Set Screw	拾布偏心轮固定螺栓
13	K2-13	Main Shaft Gear (Small)	主轴齿轮 (小)
14	LD00003	Main Shaft Gear Set Screw	主轴齿轮固定螺栓
15	K2-15	Main Shaft Gear (Large)	跳缝齿轮 (大)
16	K2-16-1/K2-16-3	Skip Stitch Gear Eccentric Shaft	跳缝齿轮偏心轴
17	LD00063	Skip Stitch Gear Eccentric Shaft Set Screw	跳缝齿轮偏心轴固定螺栓
18	DQ00009	Skip Stitch Gear Eccentric Shaft Thrust Washer	跳缝齿轮偏心轴止推垫圈
19	K2-19/K2-19-3	Skip Stitch Gear Eccentric Shaft Fork	跳缝齿轮偏心轴拨叉
20	K2-20	Skip Stitch Gear Eccentric Shaft Collar	跳缝齿轮偏心轴环
21	LD00003	Skip Stitch Gear Eccentric Shaft Collar Set Screw	跳缝齿轮偏心轴环固定螺栓
22	K2-22	Connecting Link (Long)	连杆 (长)
23	K2-23	Connecting Link/Rod Holding Screw	连杆压紧螺栓
24	TDQ00005	Connecting Link/Rod Holding Screw Snap Ring	连杆压紧螺栓开口卡簧
25	DQ00010	Connecting Link/Rod Holding Screw Spring Washer	连杆压紧螺栓弹簧垫片
26	LM00011	Connecting Link/Rod Holding Screw Nut	连杆压紧螺母
27	K2-27	Connecting Rod	轴位摇杆
28	K2-28-1/K2-28-3	Skip Stitch Eccentric Shaft	跳缝偏心轴
29	K2-20	Skip Stitch Eccentric Shaft Collar	跳缝偏心轴环
30	LD00003	Skip Stitch Eccentric Shaft Collar Set Screw	跳缝偏心轴环固定螺栓
31	K2-31	Skip Stitch Lever Plate	跳缝拉杆限位盘
32	LD00098	Skip Stitch Lever Plate Set Screw	跳缝拉杆限位盘固定螺栓
33	GZ00001	Skip Stitch Lever Plate Ball	跳缝拉杆定位球
34	TH00019	Skip Stitch Lever Plate Spring	跳缝拉杆弹簧
35	K2-35	Skip Stitch Lever	跳缝拉杆
36	LD00001	Skip Stitch Set Screw	跳缝拉杆固定螺栓
37	K2-37	Connecting Link (Short)	连杆 (短)
38	K2-38	Connecting Link Holding Pin	连杆销
39	TDQ00005	Connecting Link Holding Pin Snap Ring	连杆销开口卡簧
40	LD00004	Connecting Link Holding Pin Set Screw	连杆销固定螺栓
41	K2-41	Connecting Block	连接块
42	LD00247	Connecting Block Set Screw	连接块固定螺栓
43	K2-43/K2-43-1	Ridge Forming Disc Shaft Assembly	起菱盘轴组件
44	K3-43	Ridge Forming Disc Shaft Collar	起菱盘轴环
45	LD00004	Ridge Forming Disc Shaft Collar Set Screw	起菱盘轴环固定螺栓
46	K2-46	Ridge Forming Disc Shaft Bushing	起菱盘轴套筒
47	LD00004	Ridge Forming Disc Shaft Bushing Set Screw	起菱盘轴套筒固定螺栓
48	K2-48	Cylinder Bed Shaft	圆筒床轴
49	LD00146	Cylinder Bed Shaft Set Screw	圆筒床轴固定螺栓
50	TDQ00001	Cylinder Bed Shaft Snap Ring	圆筒床轴卡簧
51	K2-51	Cylinder Bed Shaft Spring	圆筒床轴弹簧
52	K2-52	Cylinder Bed Shaft Spring Pin	圆筒床轴弹簧销
53	K2-20	Cylinder Bed Shaft Collar	圆筒床轴环
54	LD00003	Cylinder Bed Shaft Collar Set Screw	圆筒床轴环固定螺栓

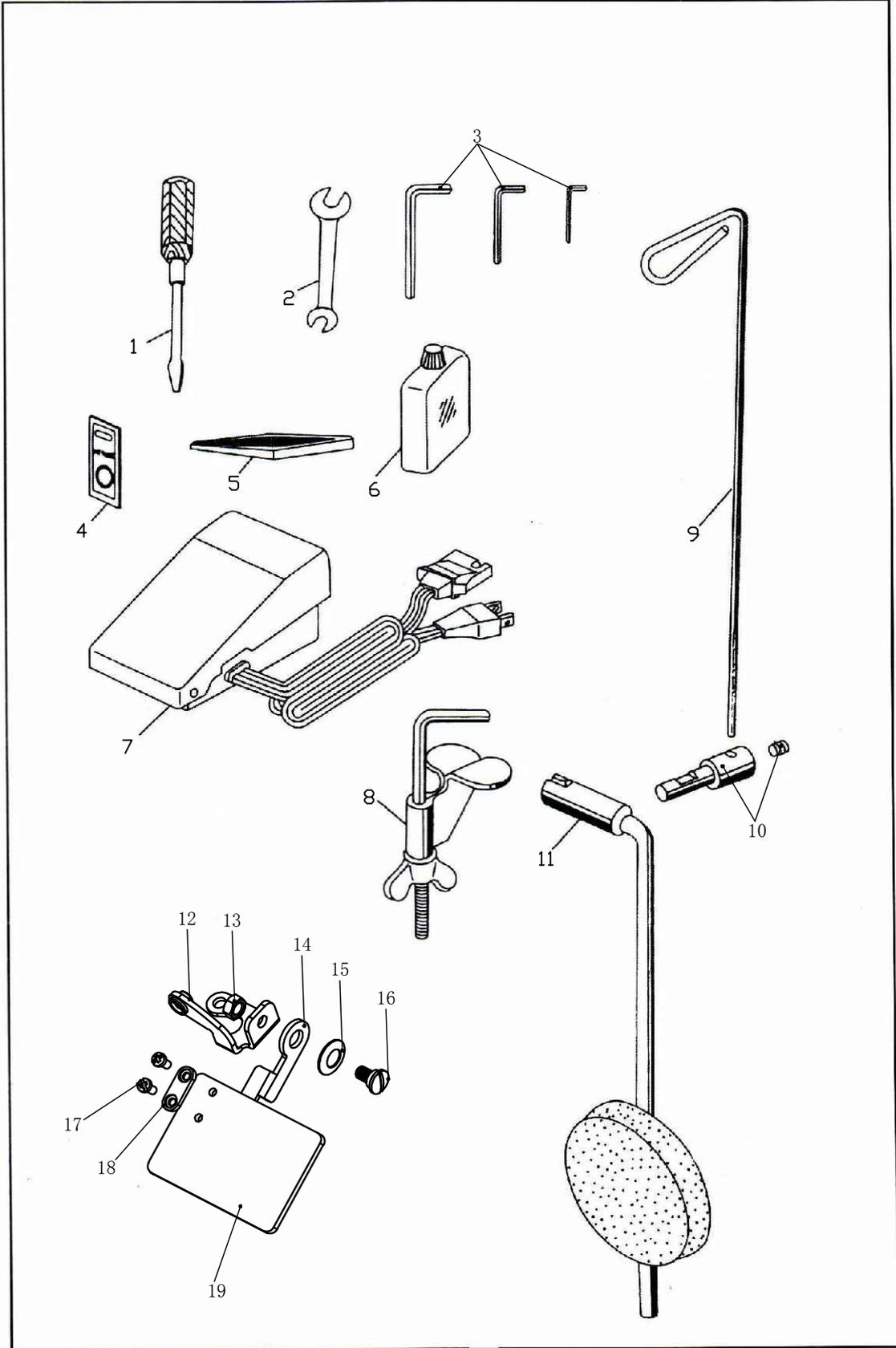


编号 Ref.Nos.	零件号 Parts No.	名称 Description	名称
1	K3-01	Eccentric Bushing	送布偏心轮
2	LD00099	Eccentric Bushing Set Screw	送布偏心轮固定螺栓
3	LD00004	Screw	打环器曲柄螺丝
4	LD00008	Needle Yoke Center Screw	针轭中心螺栓
5	LM00012	Needle Yoke Center Screw Nut	针轭中心螺母
6	K3-06	Needle Yoke & Ball Joint	针轭和关节轴承
7	K3-07	Needle Yoke Eccentric Pin	针轭偏心销子
8	DQ00010	Needle Yoke Eccentric Pin Spring Washer	针轭偏心销弹簧垫片
9	LM00017	Needle Yoke Eccentric Pin Nut	针轭偏心销螺母
10	K3-10	Needle Carrier Shaft Crank	针轴曲柄
11	LD00247	Needle Carrier Shaft Crank Set Screw	针轴曲柄固定螺栓
12	K3-12	Needle Carrier Shaft Bushing	针轴套筒
13	LD00004	Needle Carrier Shaft Bushing Set Screw	针轴套筒固定螺栓
14	K3-14	Needle Carrier Shaft Collar	针轴环
15	LD00003	Needle Carrier Shaft Collar Set Screw	针轴环固定螺栓
16	K3-16	Needle Carrier Shaft "O" Ring	针轴 "O" 形环
17	K3-17	Needle Carrier	持针器
18	LD00092	Needle Carrier Clamp Screw	持针器夹钳螺栓
19	K3-19	Needle Clamp	压针板
20	LD00508	Needle Clamp Set Screw	压针板固定螺栓
21	BZ1-13	Needle (LW x 6T)	针 (LW x 6T)
22	K3-22*1*2	Looper Driver Crank	打环器曲柄
23	LD00001	Looper Driver Crank Set Screw	打环器曲柄固定螺栓
24	K3-24	Looper Yoke with Joint & Pin	打环器轭头
25	LD00026	Looper Yoke Set Screw	打环器轭头固定螺栓
26	K3-22	Looper Driver Crank Pin	打环器曲柄销
27	K3-10-A	Needle Carrier Shaft	针轴
28	K3-28	Looper Carrier Assembly	打环钩针架组件
29	LM00012	Looper Carrier Nut	打环钩针架螺母
30	LD00003	Looper Ball Joint Clamp Screw	打环钩针架夹紧螺栓
31	LD00518	Looper Clamp Screw	打环钩针架夹紧螺栓
32	K3-32	Looper	打环钩针
33	K3-33	Looper Ball Joint Pin	打环钩针架接头销
34	K3-34	Looper Ball Joint Eccentric Sleeve	打环钩针架偏心套筒
35	LD00097	Looper Ball Joint Eccentric Sleeve Set Screw	打环钩针架偏心套筒固定螺栓
36	K3-28*1*2	Looper Carrier Assembly	打环钩针
37	LD00004	Stitch Regulating Eccentric Set Screw	针距调节轮固定螺栓
38	K3-38	Feed Lever	送料杆
39	DQ00011	Feed Lever Thrust Washer	送料杆止推垫片
40	K3-40	Feed Lever Crank	送料杆曲柄
41	K2-46	Feed Lever Crank Bushing	送料杆曲柄套筒
42	LD00084	Feed Lever Crank Bushing Set Screw	送料杆套筒固定螺栓
43	K3-43	Feed Lever Crank Collar	送料杆曲柄轴环
44	LD00004	Feed Lever Crank Collar Set Screw	送料杆曲柄轴环固定螺栓
45	A03-30	Feed Dog	送料齿
46	DQ00012	Feed Dog Washer	送料齿止动垫片
47	LD00096	Feed Dog Set Screw	送料齿固定螺栓
48	K3-48	Presser Foot Bracket	针板支架
49	LD00520	Presser Foot Bracket Adjusting Screw	针板支架调节螺栓
50	LD00172	Presser Foot Bracket Holding Screw	针板支架夹紧螺栓
51	—————	Presser Foot Bracket Holding Screw Washer	针板支架夹紧螺栓垫片
52	LD00119	Presser Foot Holding Screw	针板夹紧螺栓
53	LD00525	Presser Foot Clamp Screw	针板固定螺栓
54	—————	Presser Foot Assembly(Ref.Nos.54-69)	针板组件



编号 Ref.Nos.	零件号 Parts No.	名称 Description	名称
55	K3-55	Plain Presser Foot	针板
56	K3-56	Chaining Finger	链指针
57	LD00522	Chaining Finger Set Screw	链指针固定螺栓
58	K3-58	Needle	导针板
58-1	LD00065	Screw(3/32-56×2)	压布板导布片螺钉
59	LD00521	Needle Guide Set Screw	导布器
60	K3-60	Edge Guide	导布器固定螺栓
61	LD00522	Edge Guide Set Screw	压布板
62	K3-62	Cloth Retainer	压布板螺栓
63	LD00161	Cloth Retainer Screw	压布板弹簧
64	K3-64	Cloth Retainer Spring	压布板偏心销
65	K3-65	Cloth Retainer Eccentric Stud	压布板偏心套筒固定螺栓
66	LD00040	Cloth Retainer Eccentric Stud Set Screw	压布板偏心套筒
67	K3-67	Cloth Retainer Eccentric Stud Bushing	压布板偏心销螺栓
68	LD00524	Cloth Retainer Eccentric Stud Bushing Set Screw	压布板限位器
69	K3-69	Cloth Retainer Stopper	压布板限位器螺栓
70	LD00086	Cloth Retainer Stopper Set Screw	压脚组件(左)
71		Feed Plate Assembly(Left)	压脚组件(右)
72		Feed Plate Assembly(Right)	压脚支架弹簧
73	TH00027	Feed Plate Bracket Spring	压脚支架弹簧销
74	K3-74	Feed Plate Bracket Spring Pin	压脚支架弹簧固定螺栓
75	LD00004	Feed Plate Bracket Spring Pin Set Screw	压脚支架轴
76	K3-76	Feed Plate Bracket Shaft	压脚支架轴固定螺栓
77	LD00004	Feed Plate Bracket Shaft Set Screw	压脚支架轴垫片
78	K3-78	Feed Plate Bracket Shaft Spacer	压脚支架轴止动环
79	K3-79	Feed Plate Bracket Shaft Thrust Collar	压脚支架轴止动环固定螺栓
80	LD00004	Feed Plate Bracket Shaft Thrust Collar Set Screw	压脚支架轴偏心轴
81	K3-81	Feed Plate Bracket Eccentric Shaft	压脚支架轴偏心轴固定螺轴
82	LD00004	Feed Plate Bracket Eccentric Shaft Screw	压布板导布片
83	K3-62-1	Fixture plate guide sheet	





编号 Ref.Nos.	零件号 Parts No.	名称 Description	名称
1	FJ8-7	Screw Driver	螺丝刀
2	FJ4-3	Spanner	开口扳手
3	FJ4-11	Wrench	内六角扳手
4	BZ1-13	Needle	机针
5	FJ4-8	Tweezers	镊子
6	FJ7-28	Oiler	加油器
7	K1-16-HX	Controller Pedal	控制踏板
8	FJ4-13	Machine Clamp Assembly	控制踏板
9	FJ4-14	Thread Guide	导线架
10	FJ7-26	Thread Guide Stud	导线架固定栓
11	FJ4-17	Knee Press Rod & Sleeve	升降压杆和套管
12	K8-11-A	Thread Eyelet	嵌珠过线器
13	LM00008	Nut	螺母
14	K1-61	Eye Guard Bracket	挡针板支架
15	DQ00004	Washer	垫片
16	LD00501	Screw	轴位螺丝
17	K1-64	Screw	挡针板垫片螺丝
18	K1-60	Eye Guard Washer	挡针板垫片
19	K1-61-A	Eye Guard	挡针板