

*USER'S MANUAL • PARTS LIST*

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*CORDING/LOOPING DEVICE*

***KB-2M***

# Foreword

This manual is a guidebook for using the KB-2M correctly. Assembling/adjustment of the device and items to notice when using the device are described in this manual. Please read this manual thoroughly and use the device after understanding the contents.

The contents of this manual are largely divided into the following sections.

- Important safety instructions
- Preparation before using the device
- Switching of spec. (looping → cording)
- Change of spec. (cording → looping)
- When attaching device for the first time (cording)
- When attaching device for the first time (looping)
- When cording device is not used
- Parts list

This manual may contain discrepancies in detailed information when compared with the actual product due to continued research and improvements. If any question about the product or the contents of this manual arises, please consult your TAJIMA distributor. Please keep this manual near the machine for immediate reference.

Tokai Industrial Sewing Machine Co., Ltd.

# Important safety instructions

To use the device safely, it is necessary to handle it correctly.  
Please read the IMPORTANT SAFETY INSTRUCTIONS described in this manual thoroughly and do not handle this device until you fully understand the contents.  
Since items to notice when handling this device are described in below signal terms that follow warning marks in this manual, be sure to observe them. Definitions of signal terms are as follows.




 **WARNING**


Indicates that there is a likelihood of death or serious injuries [\*1] if the instruction is not observed.

 **CAUTION**

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury [\*2] or property damage.

\*1: A condition caused by electric shock, injury, fracture of a bone, etc. that leads aftereffect, or an injury that necessitates hospitalization or visits to a hospital over a long period.  
\*2: It does not necessitate hospitalization or visit to a hospital over a long period.

-  : Prohibited items
-  : Items that may cause electric shock if not observed
-  : Items that must be followed carefully to ensure safe operation

 : Items that explain the contents of sentences in detail and items that complement the contents.

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## Parts list

## Items to notice when using this device


### CAUTION

- ❗ When using cording device, set setting on the machine side (setting for cording device) to “To use”. When using cording device with setting “Not to use”, trouble will occur at cording embroidery.

 For how to set, refer to the user's manual of the machine.

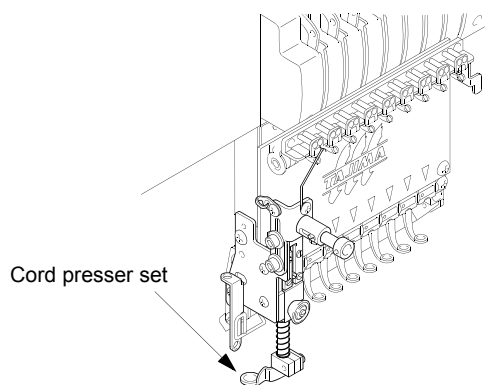
- ❗ To perform works described in this user's manual, turn “OFF” the power switch.  
If performing works with the power switch turned “ON”, you could be injured by unexpected malfunctioning of the machine.

- ❗ When using cording device in “Looping spec.”, set the number of operating revolutions to 600 rpm at the maximum.  
When using the cording device with the number of revolutions exceeding this, it will be broken. In addition, main body of the machine such as presser foot could be broken.

 When using cording device in “Cording spec.”, it is possible to use the device with the maximum number of revolutions (rpm) of the machine.

- ❗ When cording device is not used, keep the cord presser set moved up (retracting position). If you move the embroidery frame with the cord presser set lowered, the cording device and the embroidery frame will be broken.

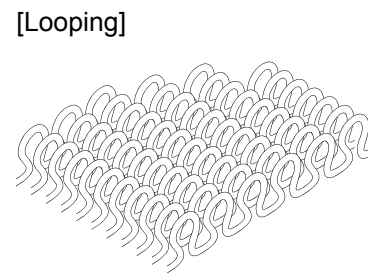
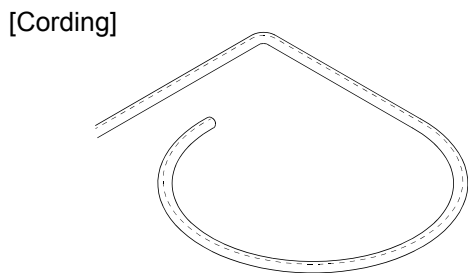
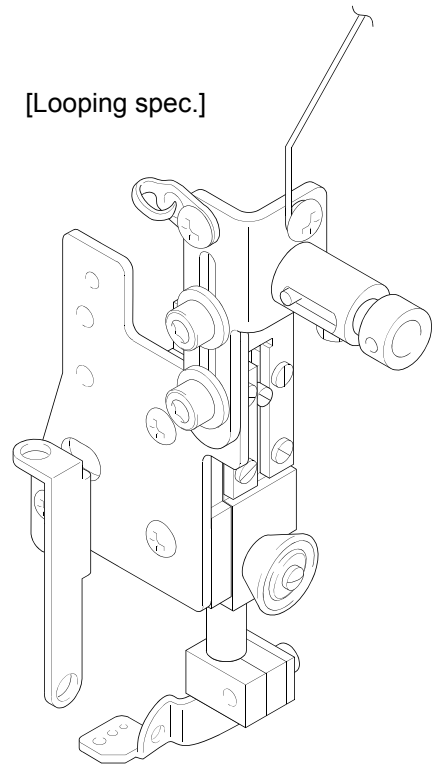
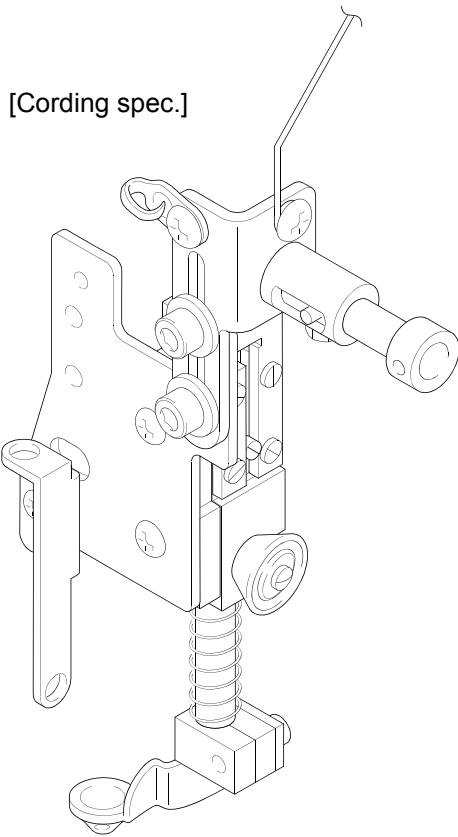
- ❗ When using cording device, embroidery space will be limited. Before performing embroidery, keep the cord presser set moved up (retracting position) to check if the cord presser set does not touch the embroidery frame by “trace” operation.



## Preparation before using the device

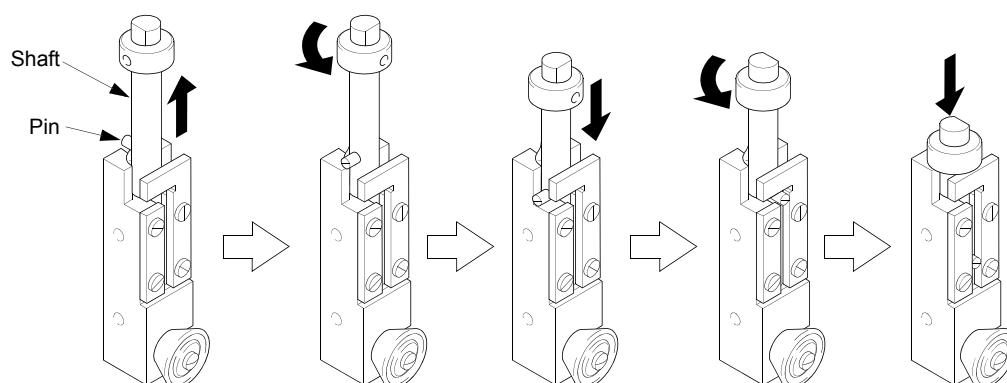
### 1. Outline of cording device

Cording device is a device that is attached to the embroidery machine to sew cord (string).  
Changing position of attachment and spring can switch spec. of cording/looping.

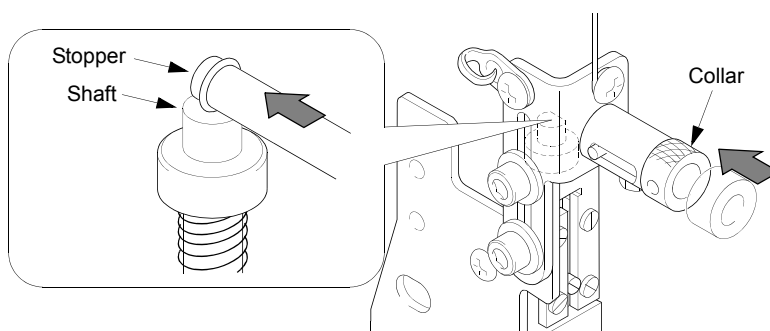


## 2 Checking of position of cord presser set


1. Move the shaft as shown in the illustration below to put the pin into the groove.



2. In case of looping spec., push the collar so that the stopper touches the upper face of the shaft.

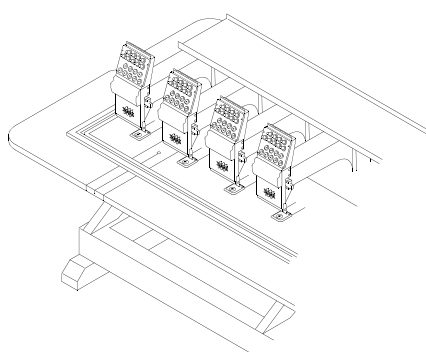


3. Turn the main shaft by hand to set it to the position of lower dead point.

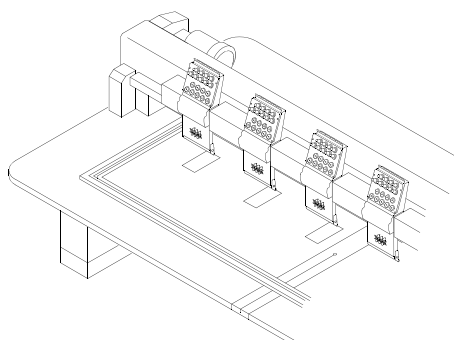
 **Position of lower dead point (angle display of the main shaft) differs depending on model.**

Model	Position of lower dead point
Arm type	180°
Bridge type	178°

Arm type



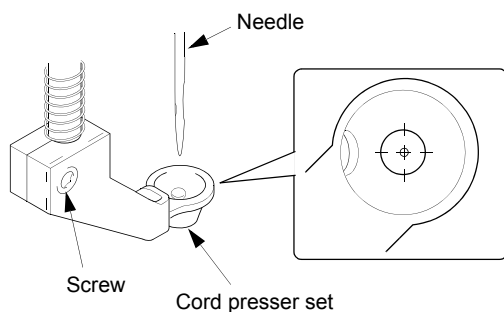
Bridge type



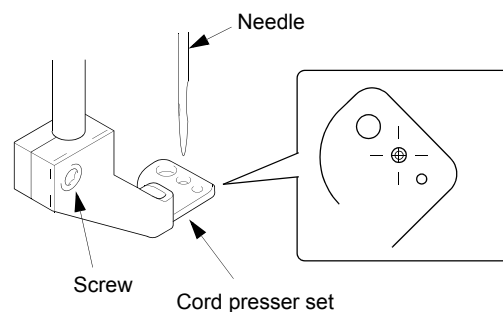
- Lower the needle bar by hand to check if the needle is aligned with the center of the hole of the cord presser set. If the position is misaligned, loosen the screw to adjust position of the cord presser set.

 **In looping spec., select hole suitable for material to be sewn.**

[Cording spec.]

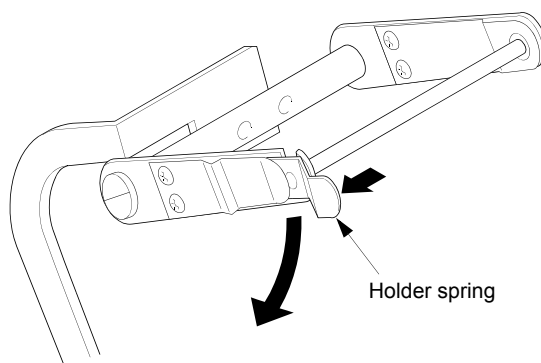


[Looping spec.]



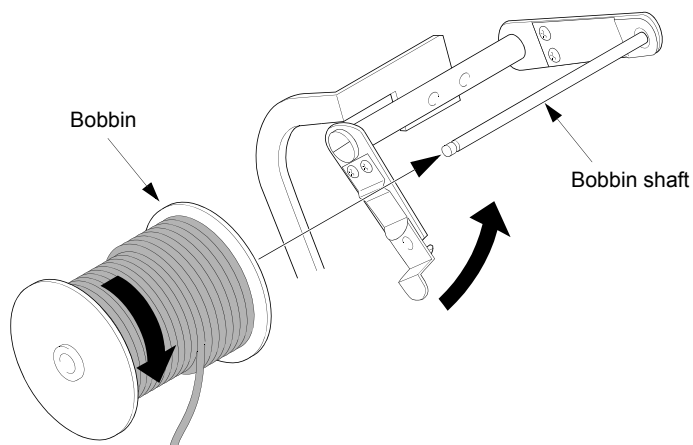
### 3. Attaching of bobbin

- Pull the holder spring to the outside to rotate it downward.



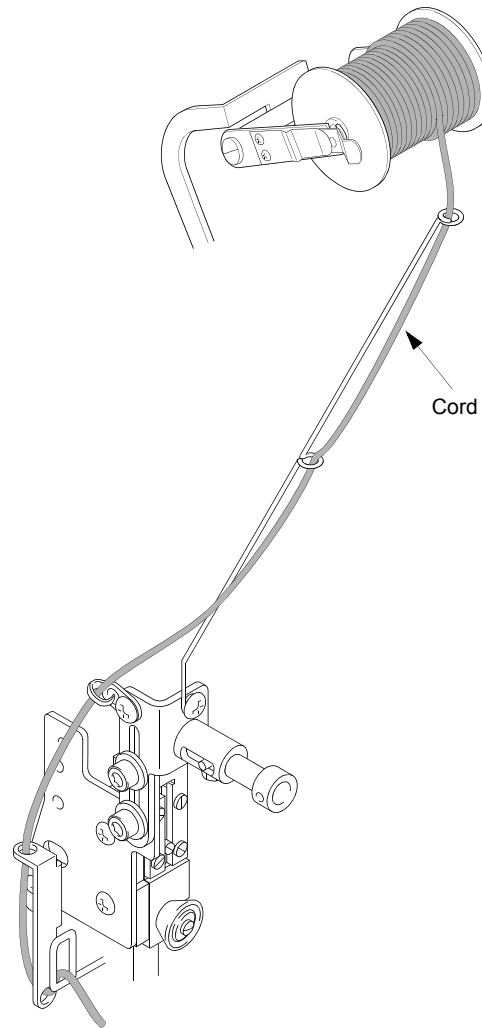
- Set the bobbin to the bobbin shaft and return the bobbin to the original position while pulling the holder spring to the outside.

 **Pay attention to the direction of bobbin.**

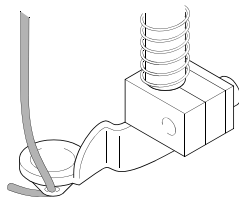


## 4. Setting of cord

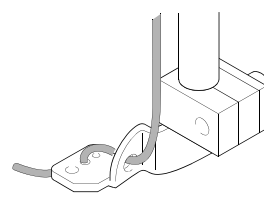
1. Set cord as shown in the illustration.



[Cording spec.]



[Looping spec.]



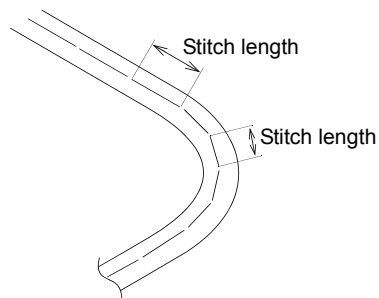
 In looping spec., select hole suitable for material to be sewn.

## 5. Creating procedure of stitch data

Creating procedure of stitch data is different in cording and looping.

### 5-1 Stitch length of cording

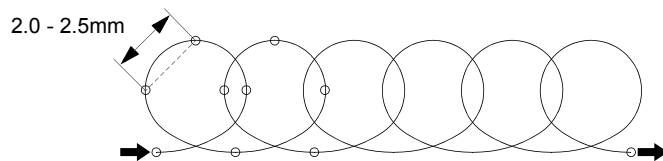
Stitch length differs depending on thickness of sewing thread, thickness of cord to be sewn, and design. Usually, perform setting within a range of 1.5 to 2.0 mm. Set stitch length to about 1.5 mm at sharp curved section.



### 5-2 Stitch length of looping

Stitch data differs depending on thickness of sewing thread, thickness of cord to be sewn, and design. Basically, sewing is performed by stitch data as shown in the illustration below.

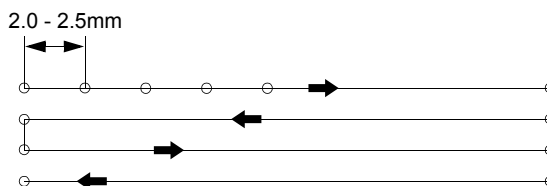
1. An example of stitches in circular motion



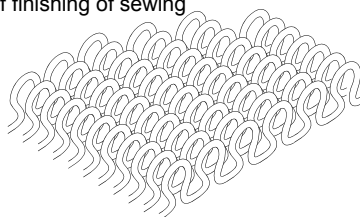
An example of finishing of sewing



2. An example of stitches in reciprocating motion



An example of finishing of sewing

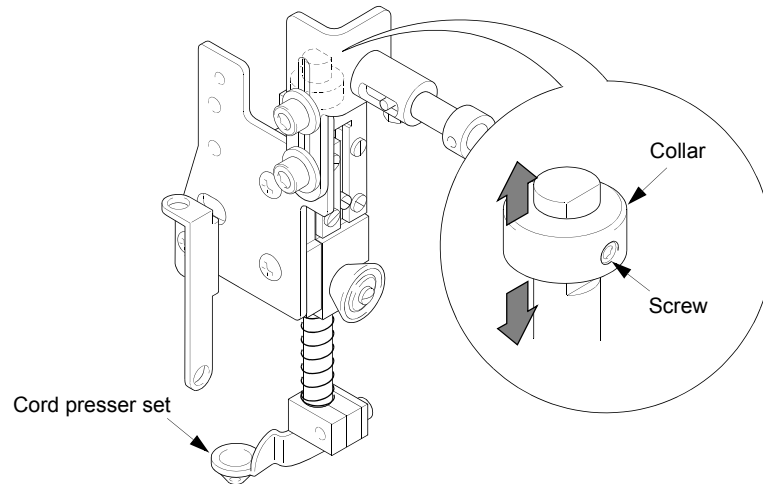


## 6. Height adjustment

Perform adjustment when using thick fabric or thick cord.

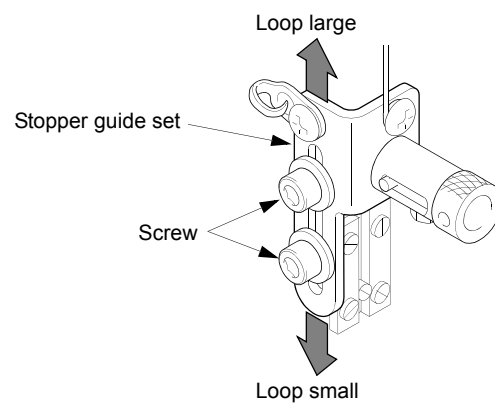
### 6-1 Height adjustment of cording

1. Loosen the screw to adjust height of the cord presser set.
2. Fix the height using the collar and tighten the screw.



### 6-2 Height adjustment of looping


1. Loosen the screw to move up and down the stopper guide to adjust height of looping.
2. Tighten the screw.

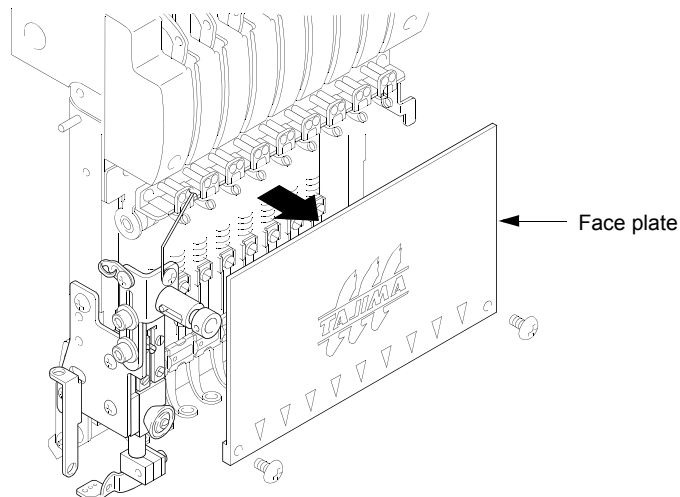


## Switching of spec. (looping → cording)

### 1. Detaching of cover

1. Detach the face plate.

 **Position of screw hole of face plate differs depending on model.**

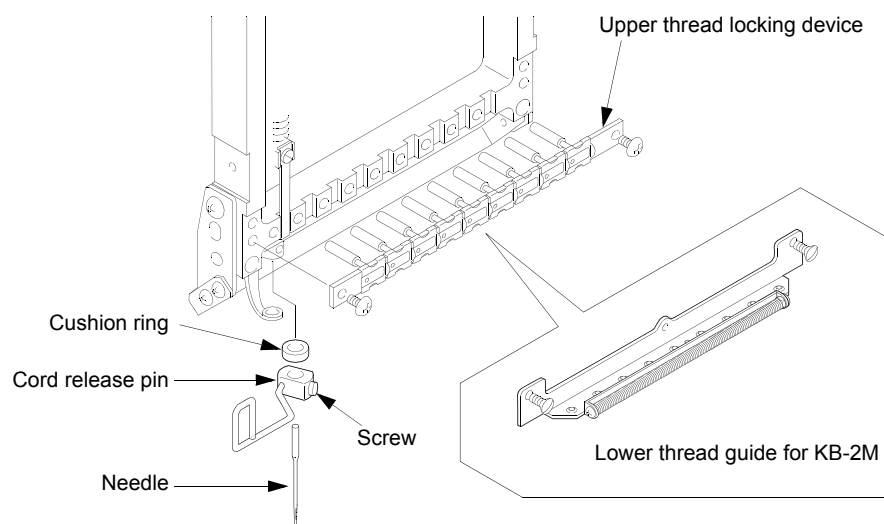


### 2 Detaching of lower thread guide and cord release pin

1. Remove the screws to remove the upper thread locking device.

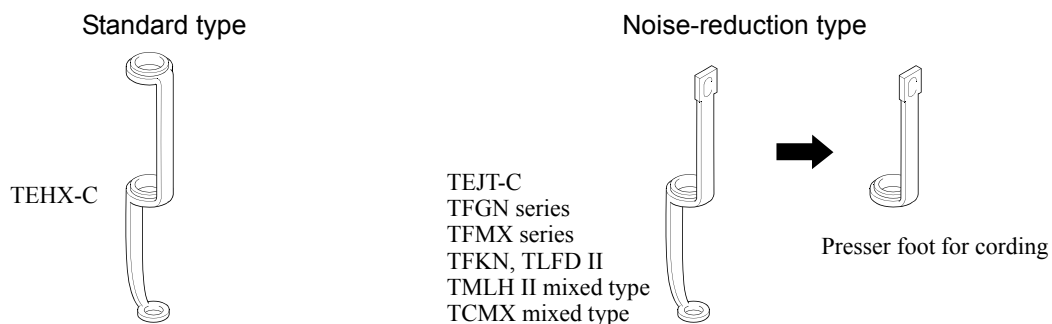
 **When the lower thread guide for KB-2M is attached to the machine, remove the screws to detach the lower thread guide for KB-2M.**

2. Loosen the screw of the cord release pin, and remove the cushion ring, cord release pin and needle.



### 3. Change/detaching of presser foot

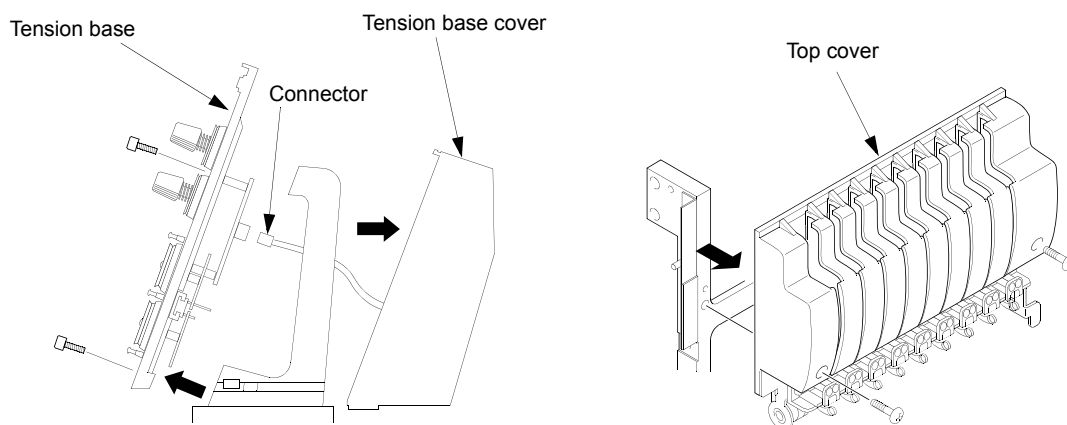
To change to cording spec., remove the standard type presser foot. When the noise-reduction type presser foot is attached to the machine, replace it with the presser foot for cording.



((In case of standard type presser foot))

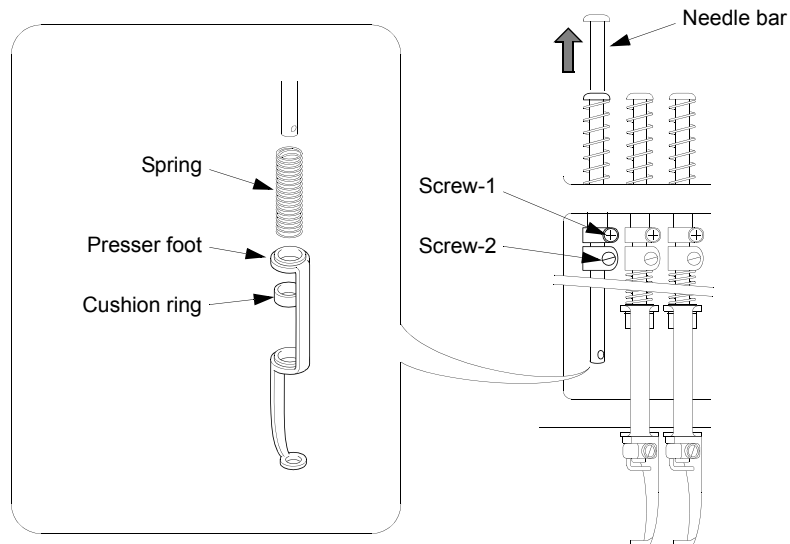
#### 3-1 Detaching of top cover

1. Detach the tension base cover and disconnect the connector.
2. Remove the screw to detach the tension base.
3. Remove the screw to detach the top cover.



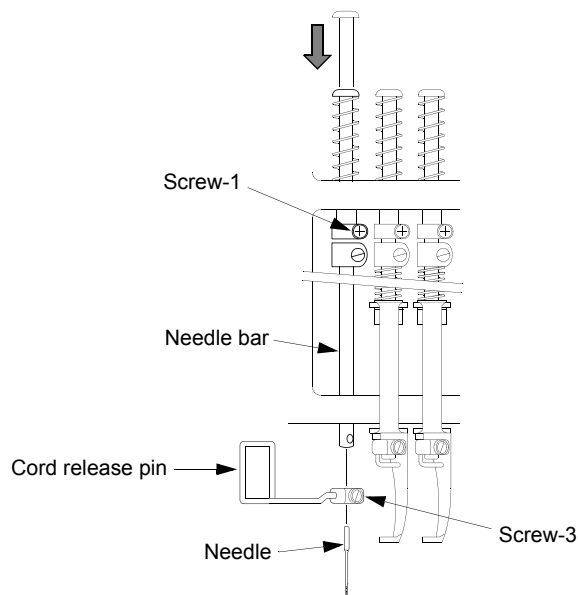
### 3-2 Detaching of presser foot

1. Loosen the screws-1 and screw-2 to move up the needle bar.
2. Remove the spring, presser foot and cushion ring.



### 3-3 Attaching of cord release pin and needle


1. Lower the needle bar and fix it using the screw-1 temporarily.
2. Attach the cord release pin and needle to the needle bar and fix them using the screw-3.
3. Loosen the screw-1 that is fixed temporarily.

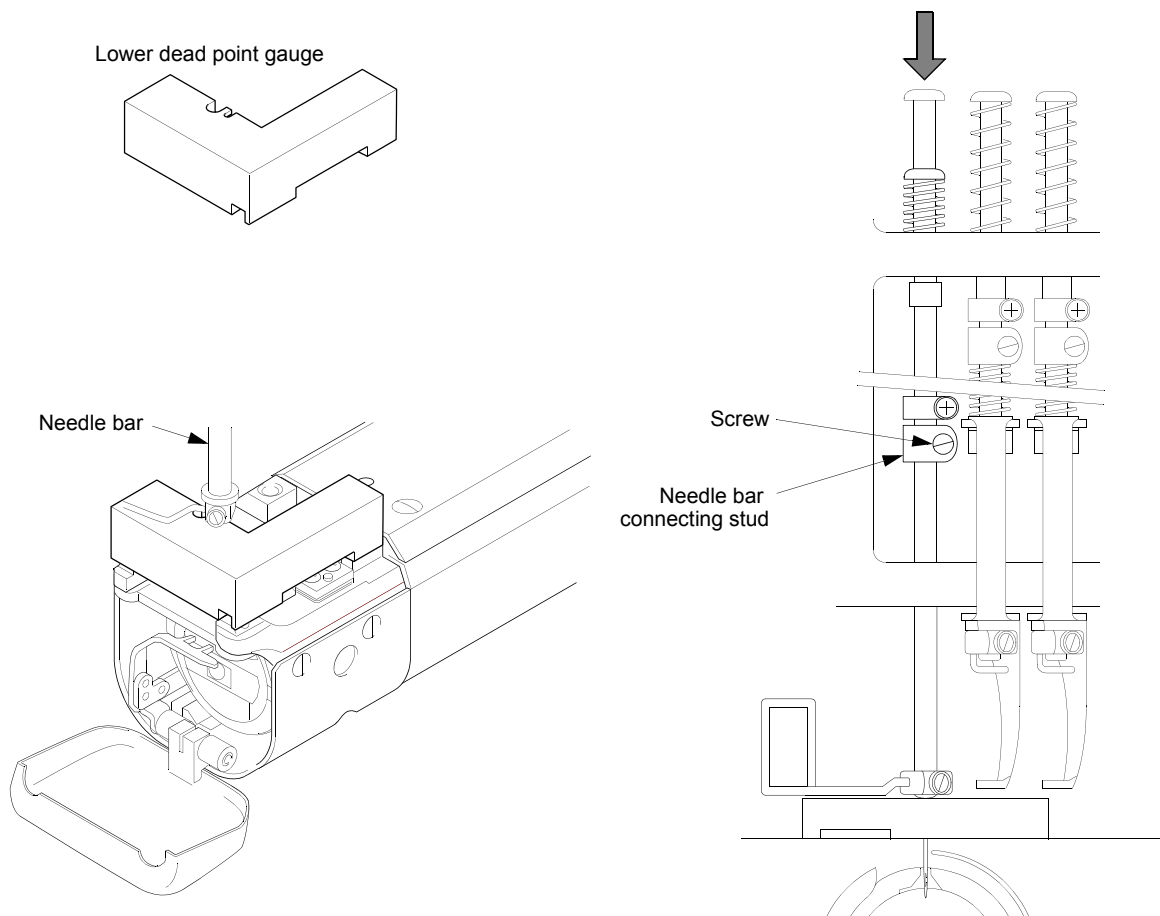


 **Pay attention to the direction of the cord release pin**

### 3-4 Adjustment of lower dead point

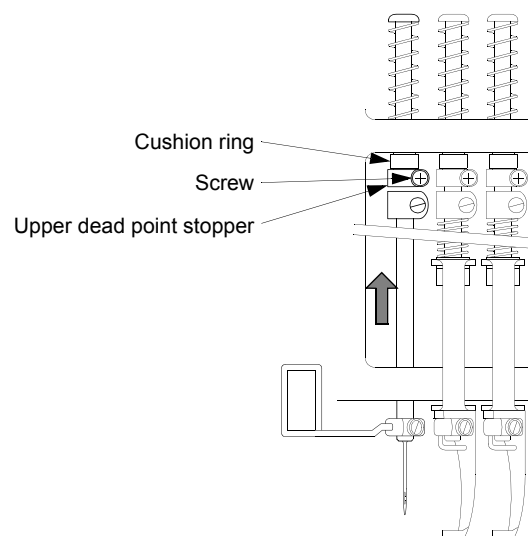
1. Remove the needle plate, and turn the main shaft counterclockwise to set it to the position of lower dead point (refer to: p.3).
2. As shown in the illustration below, align the notch part of smaller side of the lower dead point gauge with needle.
3. Push down the needle bar and tighten the screw in the state of the bottom of the needle bar touched to the upper face of the lower dead point gauge.

 **Pay attention to the direction of the needle bar connecting stud.**



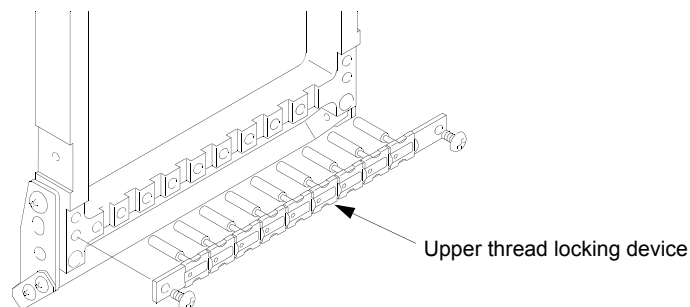
### 3-5 Adjustment of upper dead point position

1. Turn the main shaft counterclockwise by hand to set it to the position of upper dead point (angle of the main shaft: 0°).
2. Tighten the screw at the position where the upper dead point stopper touches the cushion ring lightly.



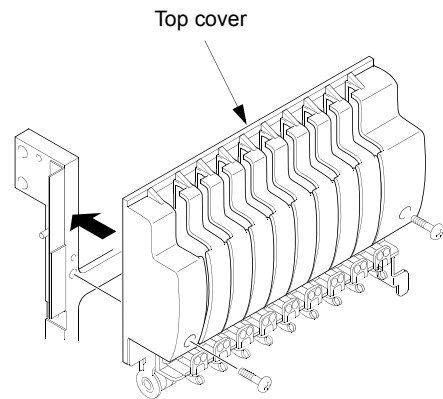
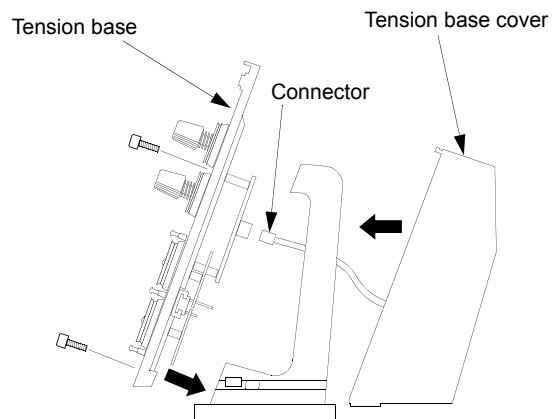
### 3-6 Attaching of upper thread locking device

1. Fix the upper thread locking device using the screws.



### 3-7 Attaching of tension base and top cover

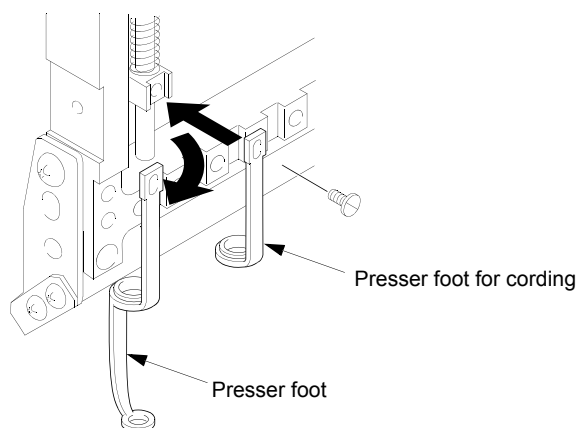
1. Fix the tension base using the screw.
2. Insert the connector and attach the tension base cover
3. Fix the top cover using the screw.




((In case of noise-reduction type presser foot))

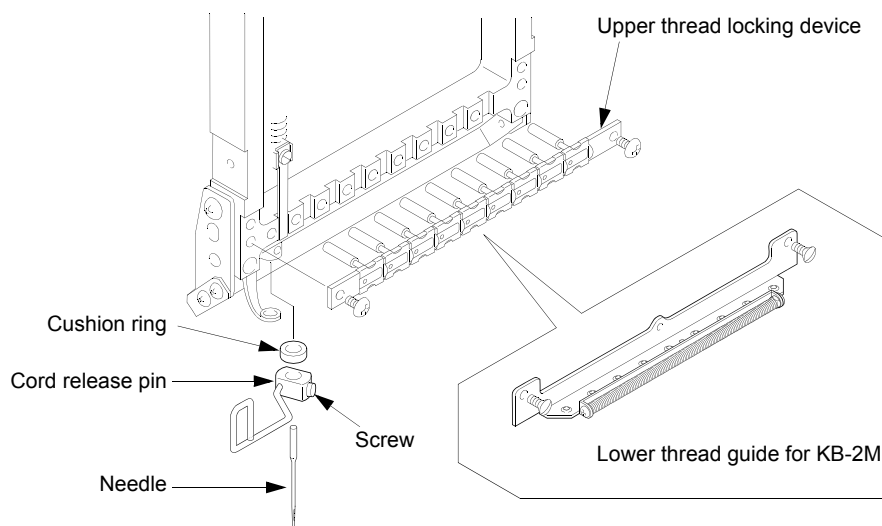
### 3-8 Change of presser foot

1. Remove the screw to detach the presser foot.
2. Fix the presser foot for cording using the removed screw.



### 3-9 Attaching of upper thread locking device/lower thread guide and cord release pin

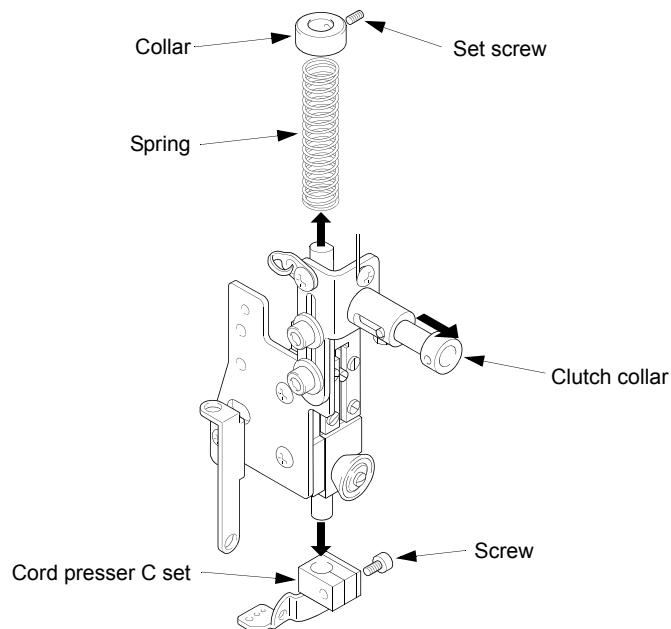
1. Fix the upper thread locking device to the needle bar case using the screws.  
 **In case of models without upper thread locking device, fix the lower thread guide for KB-2M using the screw.**
2. Attach the cushion ring, cord release pin and needle, and fix them using the screw.



## 4. Switching of spec.

### 4-1 Detaching of cord presser C set

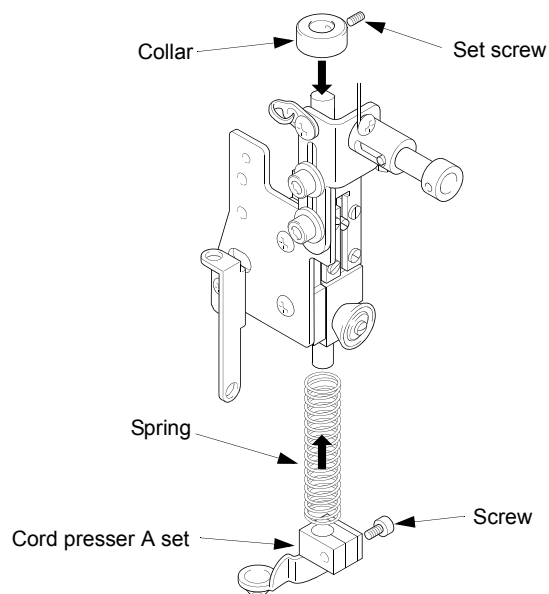
1. Loosen the screw to remove the cord presser C set.
2. Pull the clutch collar to the outside, and loosen the set screw to remove the collar and spring.



### 4-2 Attaching of cord presser A set

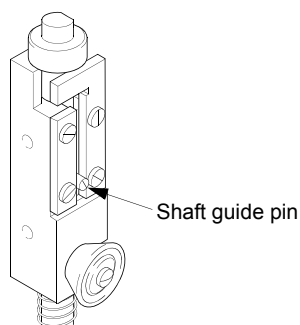
1. Attach the collar to the cord guide shaft and fix it using the screw temporarily.
2. Pass the spring to the cord guide shaft and attach the cord presser A set to the cord guide shaft, and fix it using the screw temporarily.

 **Cord presser A set differs depending on size of hole that passes cord. Use proper one that fits thickness of cord to use.**



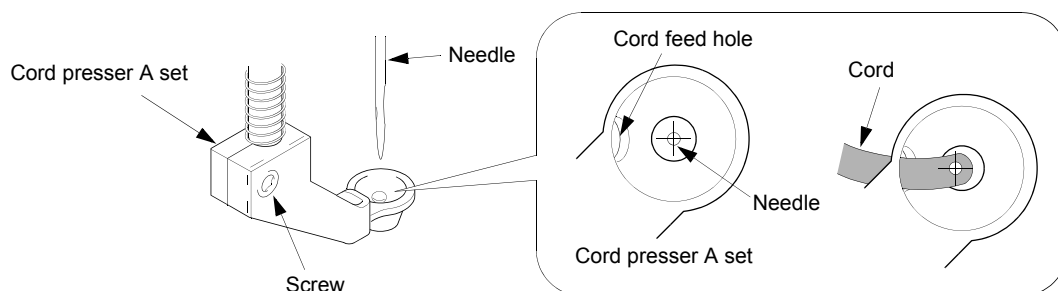
## 5. Adjustment of cord presser A set

1. Put the shaft guide pin into the groove as shown in the illustration below.



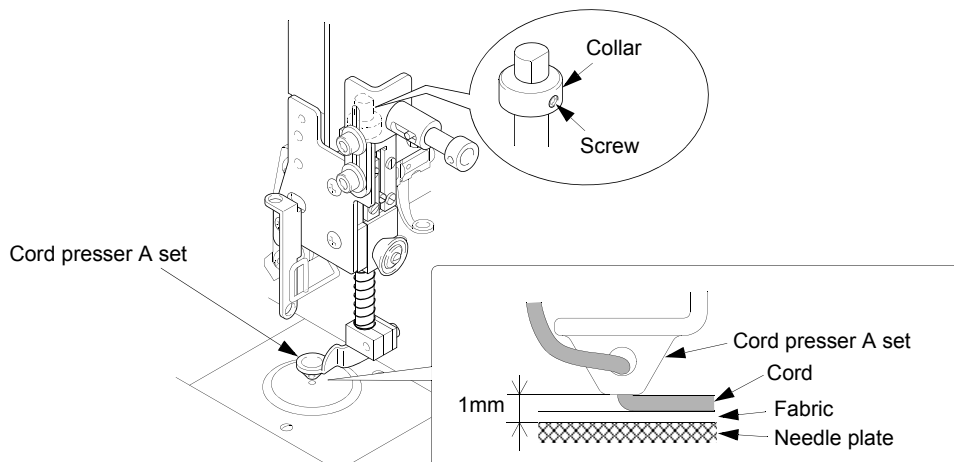
2. Turn the main shaft counterclockwise by hand to set it to the position of lower dead point (refer to: p.3).
3. Loosen the screw, and push down the needle bar by hand.
4. After aligning the center of the hole of the cord presser A set with the tip of the needle, tighten the screw.

 **When needle does not stick on cord during cording, perform adjustment so that the cord feed hole comes nearer to the needle.**




5. Loosen the screw of the collar to adjust collar position so that a clearance between the bottom face of the cord presser A set and the needle plate becomes about 1 mm, and then tighten the screw.

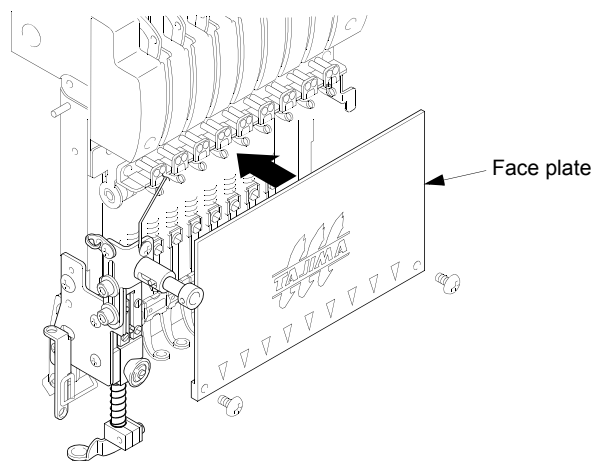
 **Perform adjustment so that the cord presser A set pushes the fabric and cord lightly according to thickness of the fabric and thickness of cord to use.**



## 6. Attaching of face plate


1. Attach the face plate.

 **Position of screw hole of face plate differs depending on model.**




## Change of spec. (cording → looping)

### 1. Detaching of cover

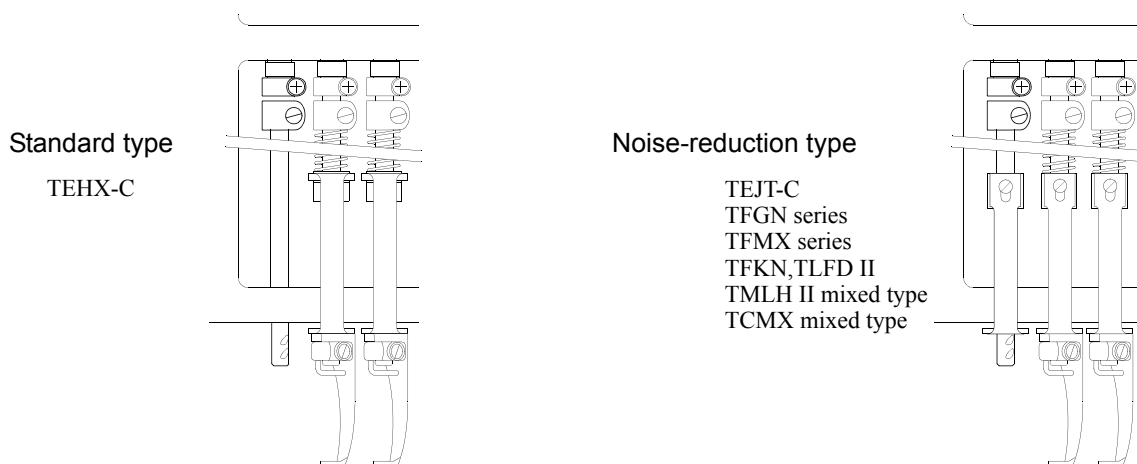
Reference  Detaching of cover (P.8)

### 2. Detaching of lower thread guide and cord release pin

Reference  Detaching of lower thread guide and cord release pin (P.8)


### 3. Change/attaching of presser foot

When presser foot is not attached, attach standard type presser foot. When presser foot for cording is attached, replace it with noise-reduction type presser foot.



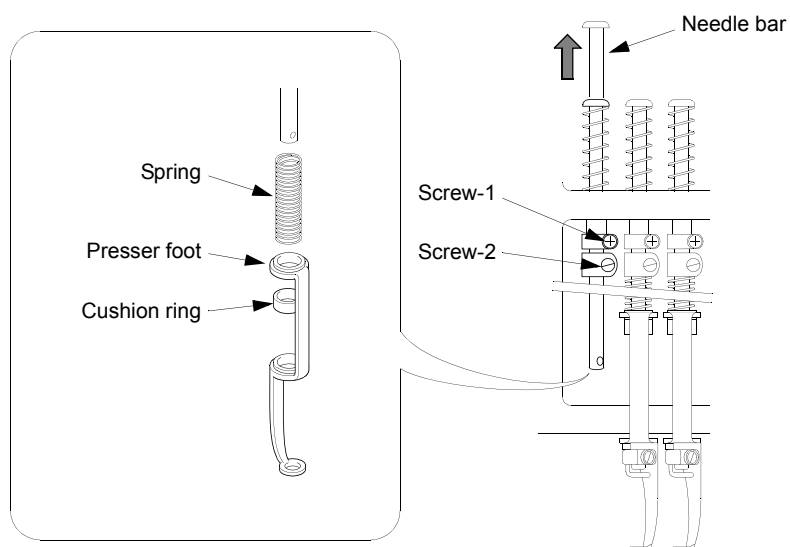
((In case of standard type presser foot))

#### 3-1 Detaching of tension base and top cover

Reference  Detaching of top cover (P.9)

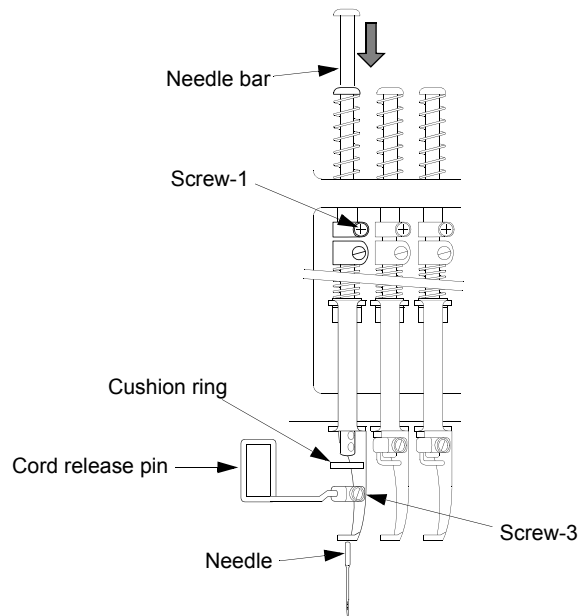
#### 3-2 Attaching of presser foot

1. Loosen the screws-1 and screw-2 to move up the needle bar.
2. Pass the spring, presser foot and cushion ring to the needle bar.



### 3-3 Attaching of cord release pin and needle


1. Pass the needle bar to the lower part of the framing of the needle bar case, and fix the needle bar using the screw-1 temporarily.
2. Attach the cushion ring, cord release pin and needle to the needle bar, and fix them using the screw-3.
3. Loosen the screw that is fixed temporarily.

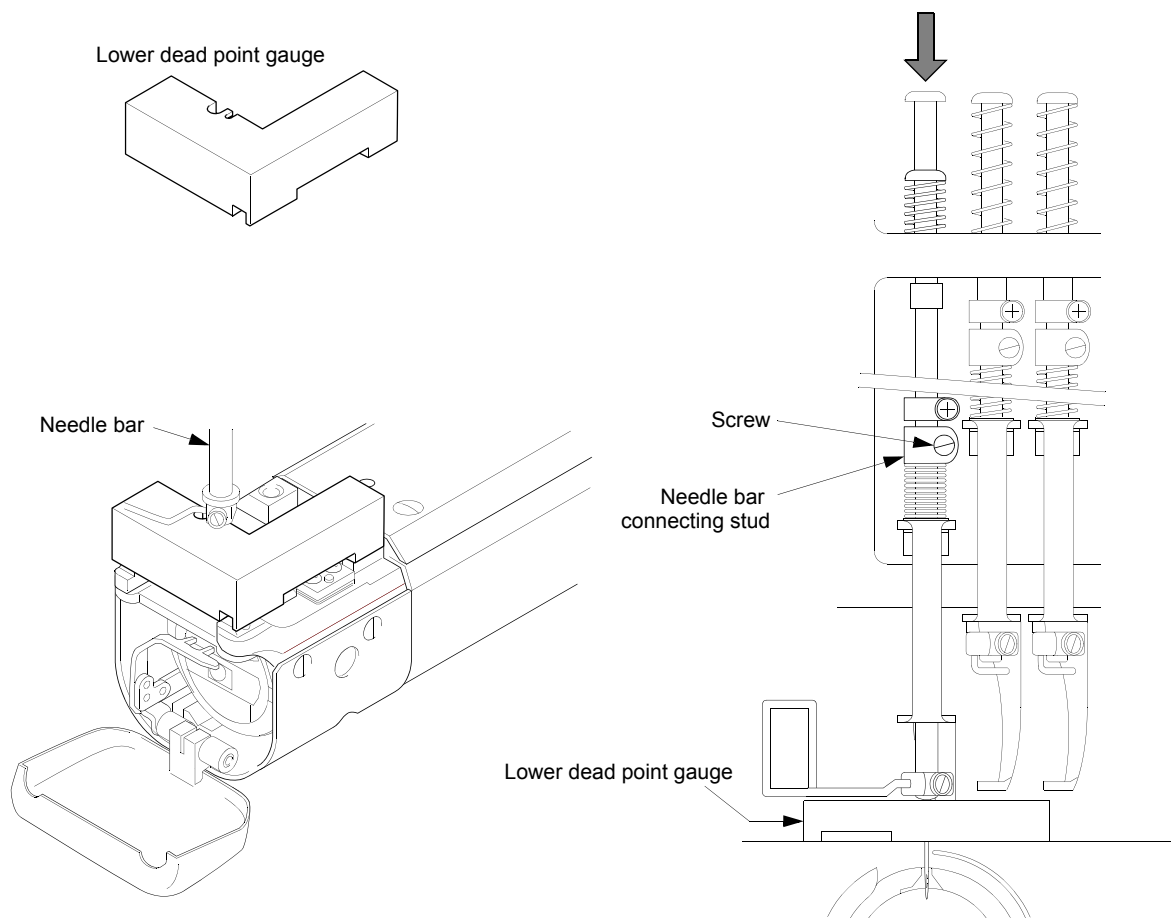


**Pay attention to the direction of the cord release pin**

### 3-4 Adjustment of lower dead point

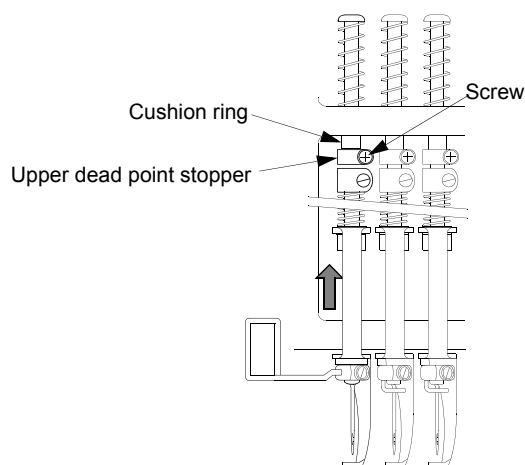
1. Remove the needle plate, and turn the main shaft counterclockwise to set it to the position of lower dead point (refer to: p.3).
2. As shown in the illustration below, align the notch part of smaller side of the lower dead point gauge with needle.
3. Push down the needle bar and tighten the screw in the state of the bottom of the needle bar touched to the upper face of the lower dead point gauge.

 **Pay attention to the direction of the needle bar connecting stud.**



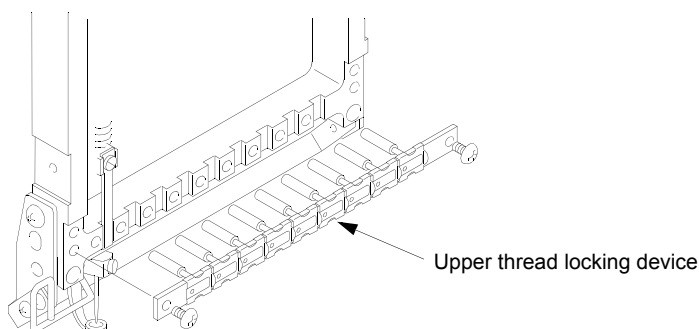
### 3-5 Adjustment of upper dead point position

1. Turn the main shaft counterclockwise by hand to set it to the position of upper dead point (angle of the main shaft: 0 degree).
2. Tighten the screw at the position where the upper dead point stopper touches the cushion ring lightly.



### 3-6 Attaching of upper thread locking device

1. Fix the upper thread locking device to the needle bar case using the screws.



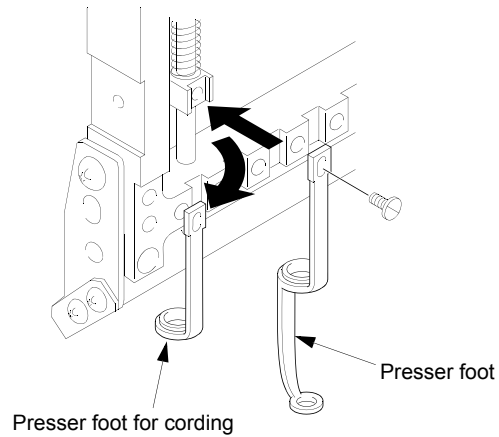
### 3-7 Attaching of tension base and top cover

Reference Attaching of tension base and top cover (P.13)


((In case of noise-reduction-type presser foot))

### 3-8 Change of presser foot

1. Loosen the screw to detach the presser foot for cording.
2. Attach the noise-reduction type presser foot and fix it using the screw.



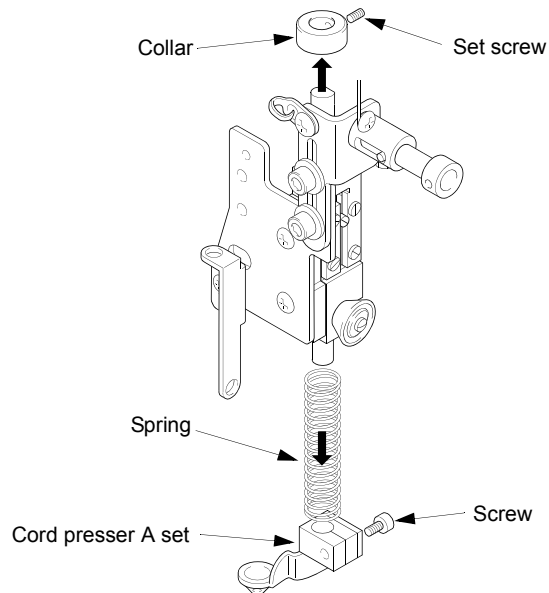
### 3-9 Attaching of lower thread guide for cording and cord release pin

Reference  Attaching of upper thread locking device/lower thread guide and cord release pin (P.14)

## 4. Switching of spec.

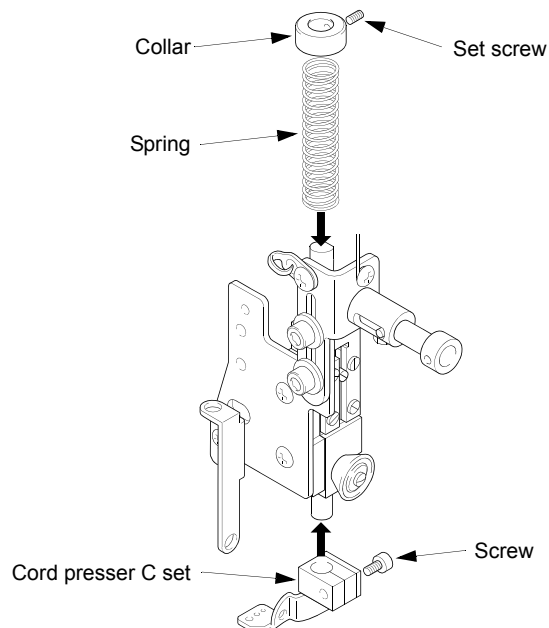
### 4-1 Detaching of cord presser A set and cord presser spring

1. Loosen the screw to remove the cord presser A set and spring from the shaft.
2. Loosen the screw to remove the collar.




### 4-2 Attaching of cord presser C set and cord presser spring

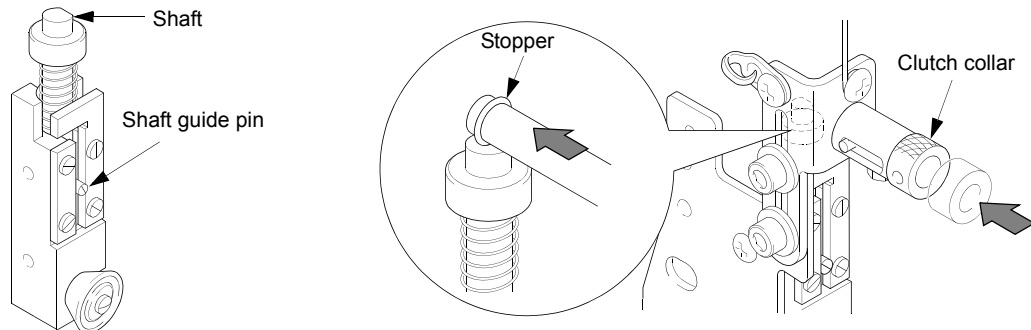
1. Insert the spring to the shaft and attach the collar, and then fix them using the set screw.
2. Attach the cord presser C set to the shaft and fix it using the screw temporarily.



## 5. Adjustment of cord presser C set

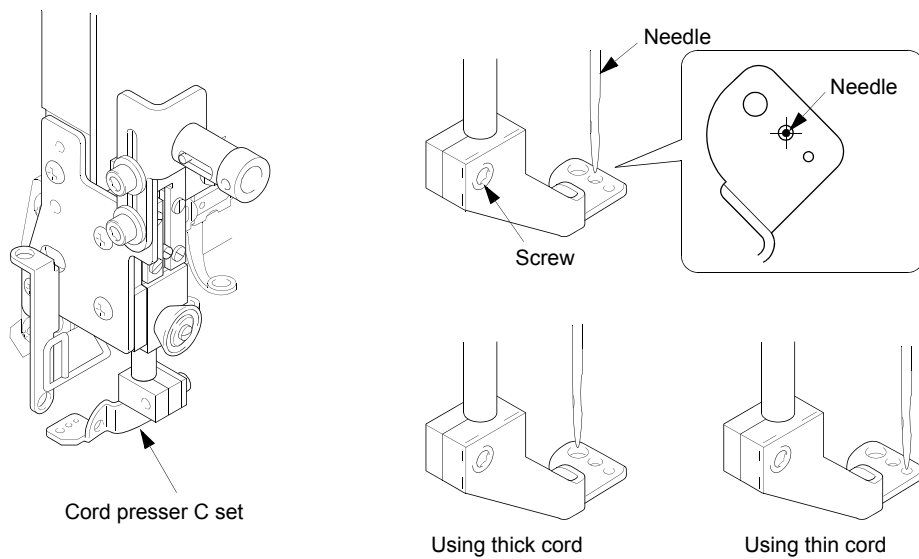
1. Put the shaft guide pin into the groove.
2. Push the clutch collar so that the stopper touches upper face of the shaft.

 **To adjust height (size) of loop to be sewn, refer to “Height adjustment (p.7)”.**




3. Turn the main shaft counterclockwise by hand to set it to the position of lower dead point (refer to: p.3).
4. Loosen the screw to lower the needle bar by hand so that the center of the hole of the cord presser C set is aligned with the tip of the needle, and then tighten the screw.

 **Select the hole that fits to thickness of cord to sew.**



## 6. Attaching of face plate

Reference  Attaching of face plate (P.17)

# When attaching device for the first time (cording)

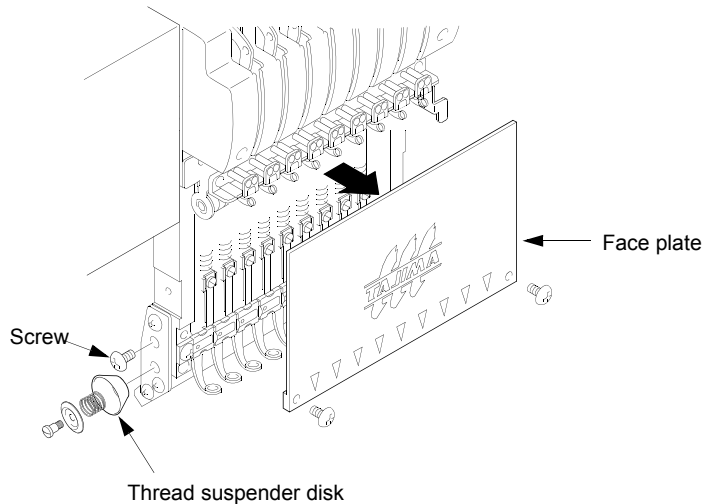
This is an explanation for work when attaching cording device (cording spec.) for the first time.

## 1. Detaching of face plate

1. Detach the face plate.

 **Position of screw hole of face plate differs depending on model.**

2. Remove the thread suspender disk and screw mounted at the left side of the needle bar case.

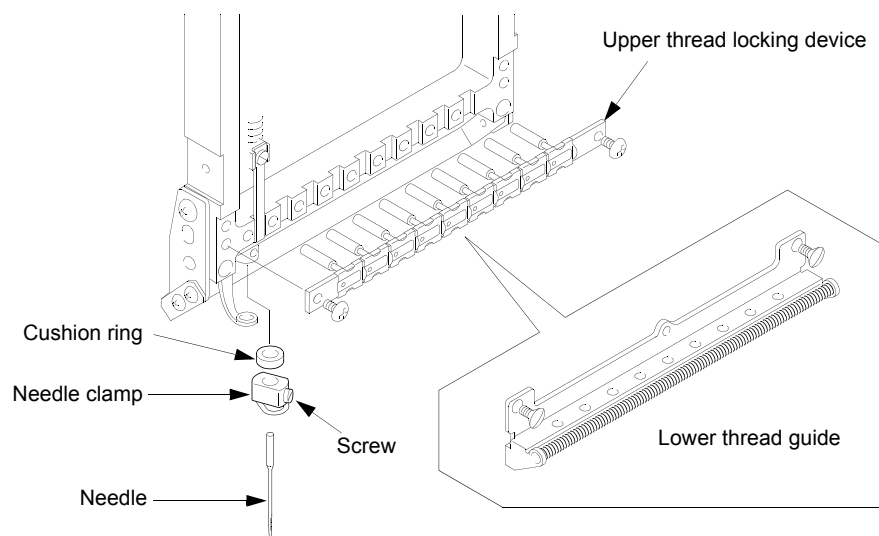


## 2. Detaching of upper thread locking device/lower thread guide and needle clamp

1. Loosen the screw to detach the upper thread locking device.

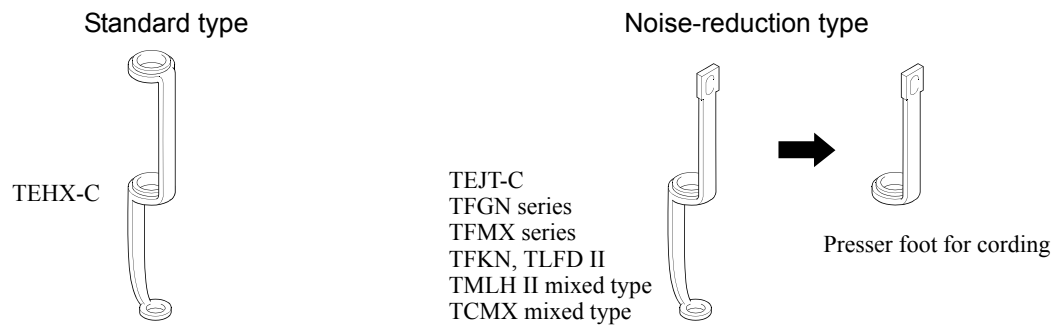
 **In case of model that is equipped with lower thread guide, remove the lower thread guide.**

2. Loosen the screw to remove the cushion ring, needle clamp and needle.



### 3. Change/detaching of presser foot

When attaching cording device to the machine, remove the standard type presser foot. When the noise-reduction type presser foot is attached to the machine, replace it with the presser foot for cording.



((In case of standard type presser foot))

#### 3-1 Detaching of top cover

Reference Detaching of top cover (P.9)

#### 3-2 Detaching of presser foot

Reference Detaching of presser foot (P.10)

#### 3-3 Attaching of cord release pin and needle

Reference Attaching of cord release pin and needle (P.10)

#### 3-4 Adjustment of lower dead point

Reference Adjustment of lower dead point (P.11)

#### 3-5 Adjustment of upper dead point position

Reference Adjustment of upper dead point position (P.12)

#### 3-6 Attaching of upper thread locking device

Reference Attaching of upper thread locking device (P.12)

#### 3-7 Attaching of tension base and top cover

Reference Attaching of tension base and top cover (P.13)

((In case of noise-reduction-type presser foot))

#### 3-8 Change of presser foot

Reference Change of presser foot (P.14)

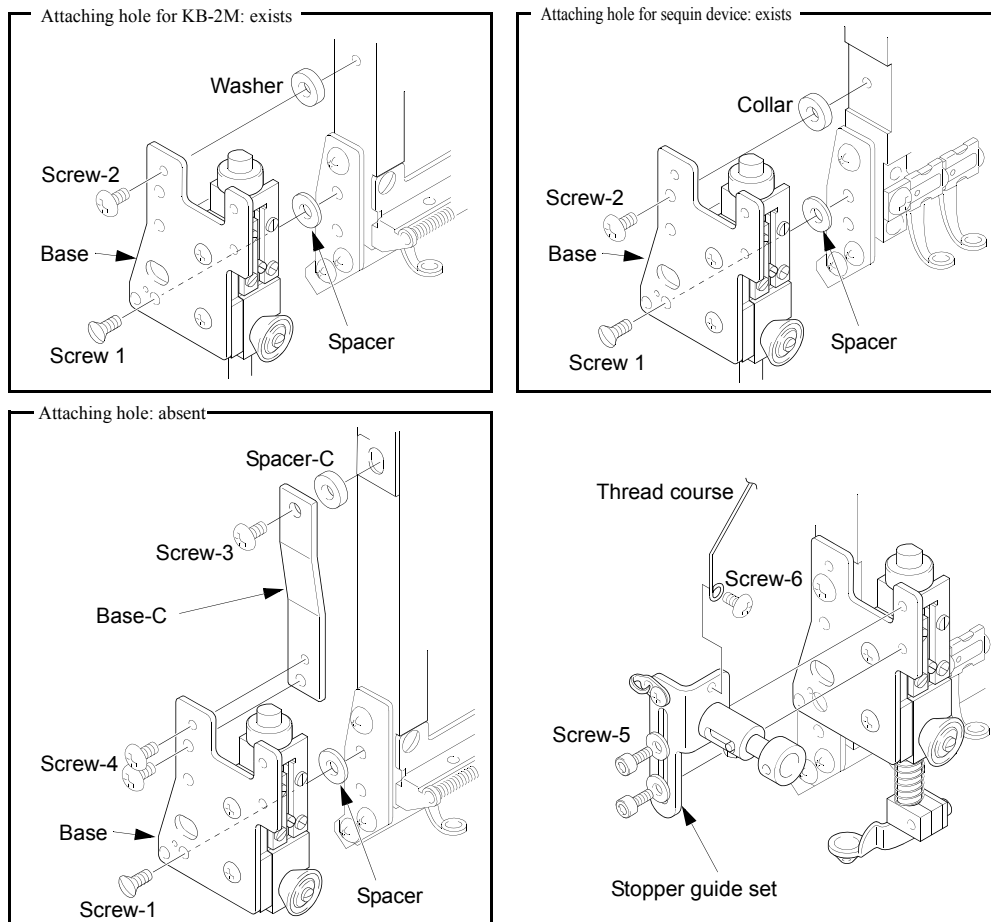
#### 3-9 Attaching of upper thread locking device/lower thread guide and cord release pin

Reference Attaching of upper thread locking device/lower thread guide and cord release pin (P.14)

## 4. Attaching of main body of cording device

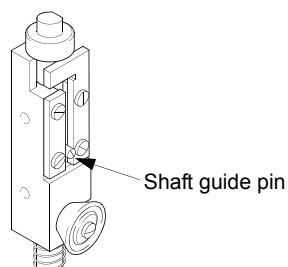
### 4-1 Attaching of main body of cording device

1. Fix the base and bracket spacer to the needle bar case using the screw-1 temporarily.
2. How to attach the base differs depending on spec. of needle bar case.
  - When the machine has attaching hole for cording device, fix the base and washer to the needle bar case using the screw-2 temporarily.
  - When the machine has attaching hole for sequin device, fix the base and collar to the needle bar case using the screw-2 temporarily.
  - When the machine does not have attaching hole on the needle bar case, fix the base-C and spacer-C to the needle bar case using the screw-3, and then fix the base to the base-C using the screw-4.
3. Fix the stopper guide set to the base using the screw-5.
4. Fix the thread course to the stopper guide set using the screw-6.



### 4-2 Adjustment of cord presser A set

1. Put the shaft guide pin into the groove as shown in the illustration below.

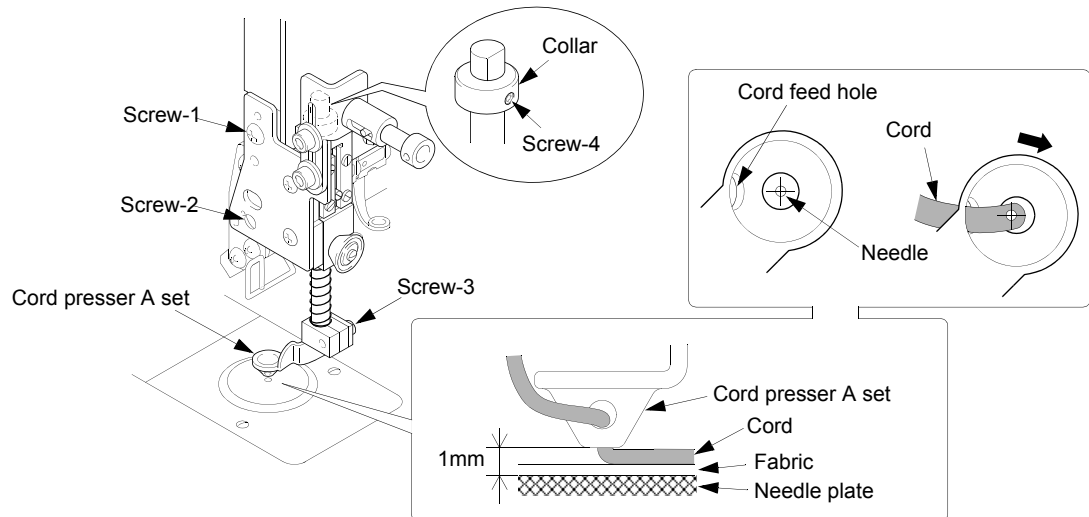


2. Turn the main shaft counterclockwise by hand to set it to the position of lower dead point (refer to: p.3).
3. Loosen the screw-1, screw-2 and screw-3 to push down the needle bar by hand so that the center of the hole of the cord presser A set is aligned with the tip of the needle, and then tighten the screws.

 **When needle does not stick on cord during cording, perform adjustment so that the cord feed hole comes nearer to the needle**

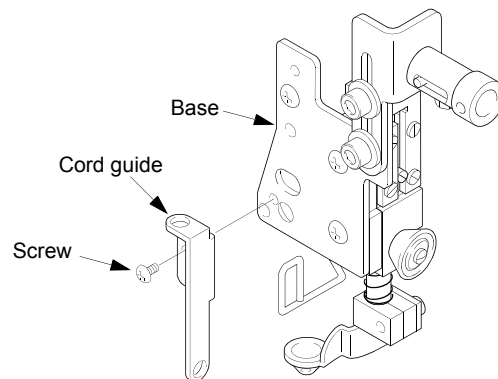
4. Loosen the screw-4 to adjust position of the collar so that the bottom face of the cord presser A set and the needle plate becomes about 1 mm , and fix the collar using the screw-4.

 **Perform adjustment so that the cord presser A set pushes the fabric and cord lightly according to thickness of the fabric and thickness of cord to use.**



### 4-3 Attaching of cord guide

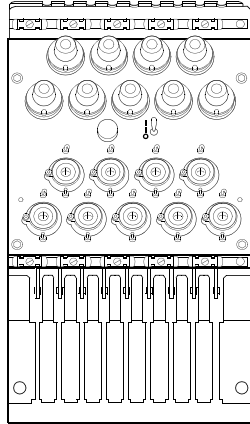
1. Fix the cord guide to the base using the screw.



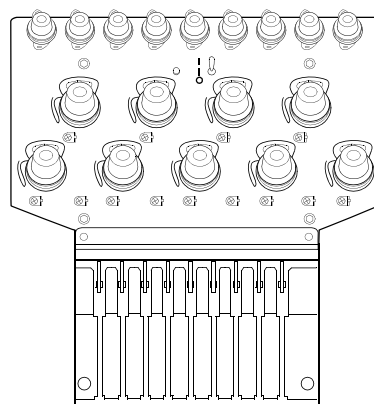
## 5. Attaching of bobbin bracket set

Attaching method of bobbin bracket set differs depending on model and the number of needles.

[Rotary-type Tension base]



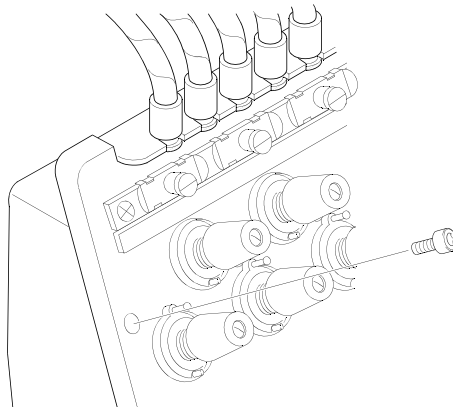
[Tension base]



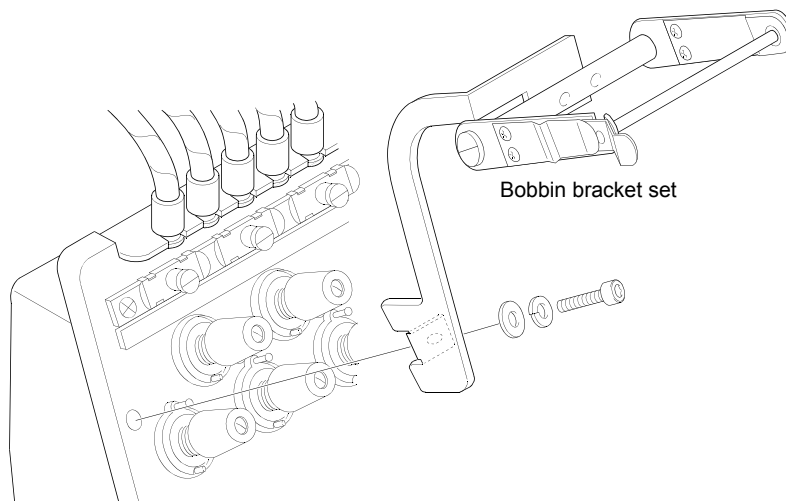
### 5-1 Model equipped with rotary-type tension base

Attaching of bobbin bracket set

1. Remove the screw of the tension base.



2. Attach the bobbin bracket set to the tension base using the screw.

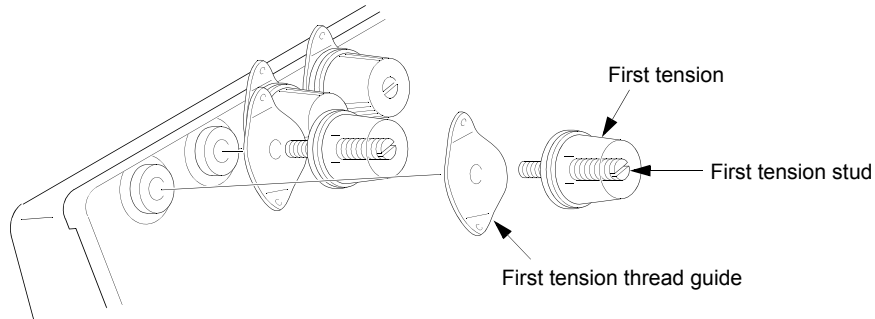


## 5-2 Other models

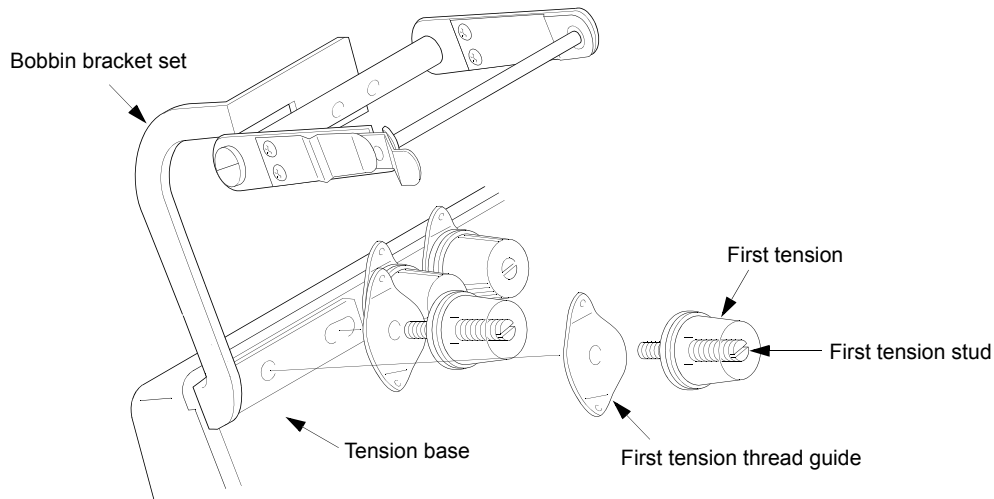
 **Other models: models of 12 or less needle head without rotary-type tension base**

Attaching of bobbin bracket set

1. Loosen the two first tension studs at left side to remove the first tension and first tension thread guide.



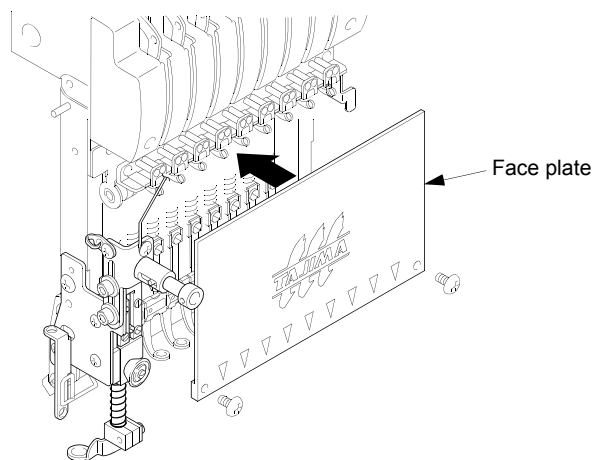
2. Fix the bobbin bracket, first tension thread guide and first tension using the first tension stud.



## 6. Attaching of face plate

1. Attach the face plate.

 **Position of screw hole of face plate differs depending on model.**



## When attaching device for the first time (looping)

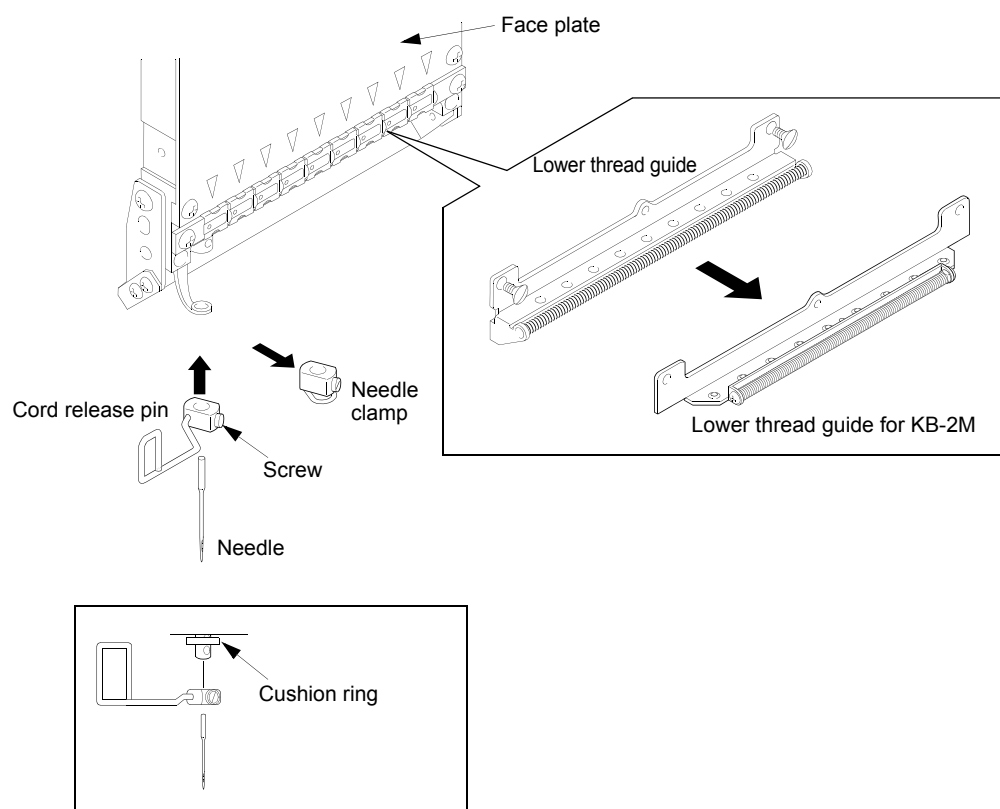
This is an explanation for work when attaching cording device (looping spec.) for the first time.

### 1. Attaching of cord release pin

1. Loosen the screw to remove the needle and needle clamp.
2. Attach the cord release pin in stead of the needle clamp with the needle.

 **Do not take off the cushion ring.**

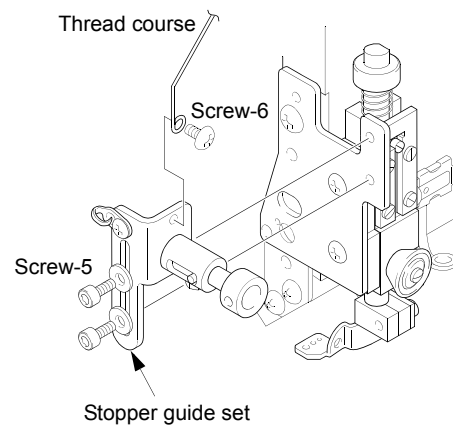
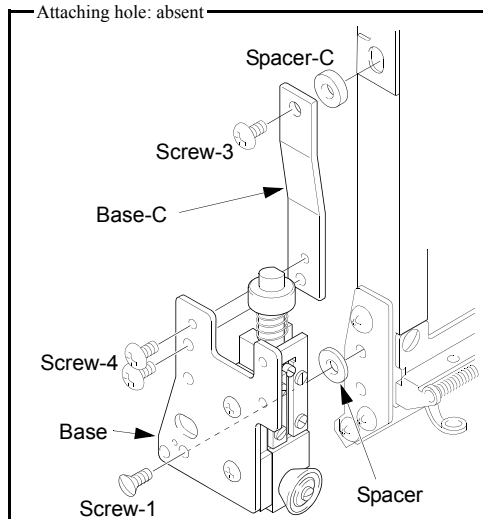
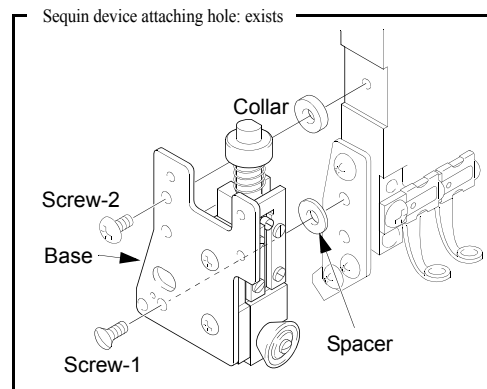
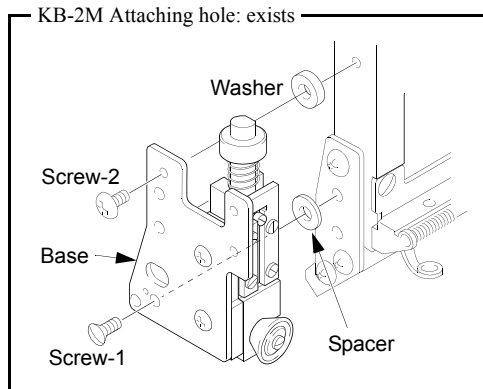
 **In case of model that has lower thread guide, remove the face plate and replace the lower thread guide with that for KB-2M.**



## 2 Setting of main body of cording device

### 2-1 Attaching of main body of cording device

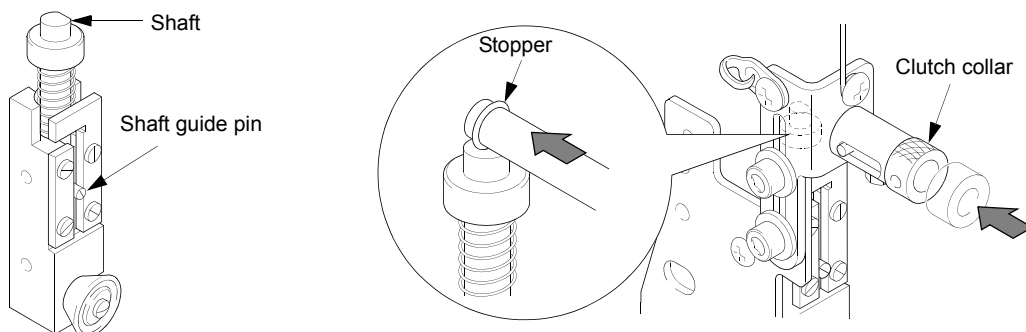
1. Fix the base and bracket spacer to the needle bar case using the screw-1 temporarily.
2. How to attach the base differs depending on spec. of needle bar case.
  - When the machine has attaching hole for cording device, fix the base and washer to the needle bar case using the screw-2 temporarily.
  - When the machine has attaching hole for sequin device, fix the base and collar to the needle bar case using the screw-2 temporarily.
  - When the machine does not have attaching hole on the needle bar case, fix the base-C and spacer-C to the needle bar case using the screw-3, and then fix the base to the base-C using the screw-4.
3. Fix the stopper guide set to the base using the screw-5.
4. Fix the thread course to the stopper guide set using the screw-6.



## 2-2 Adjustment of cord presser C set and fixing of guide base

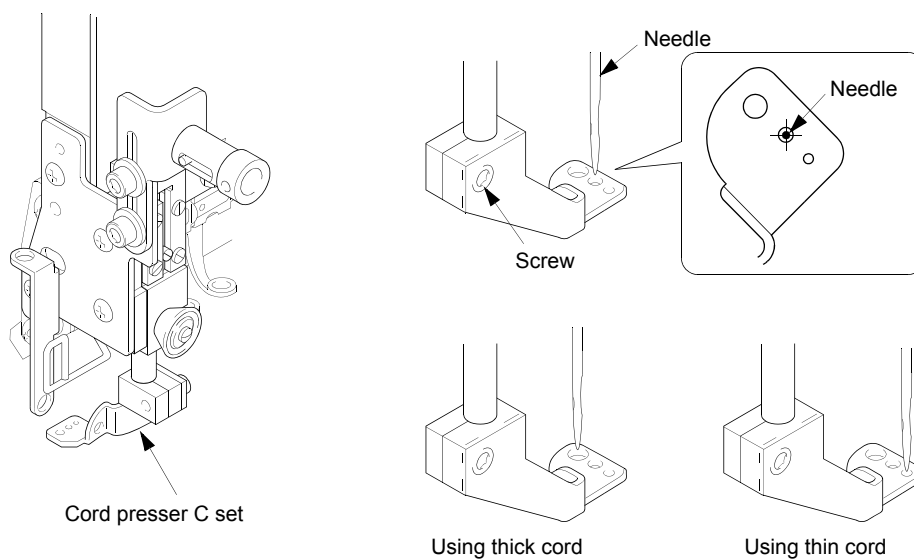
1. Put the shaft guide pin into the groove.
2. Push the clutch collar so that the stopper touches upper face of the shaft.

 **To adjust height (size) of loop to be sewn, refer to “Height adjustment (p.7)”.**




3. Turn the main shaft counterclockwise by hand to set it to the position of lower dead point (refer to: p.3).
4. Loosen the screw to lower the needle bar by hand so that the center of the hole of the cord presser C set is aligned with the tip of the needle, and then tighten the screw.


 **Select the hole that fits to thickness of cord to sew.**




## 2-3 Attaching of cord guide

Reference  Attaching of cord guide (P.28)

## 3. Attaching of bobbin bracket set

Reference  Attaching of bobbin bracket set (P.29)

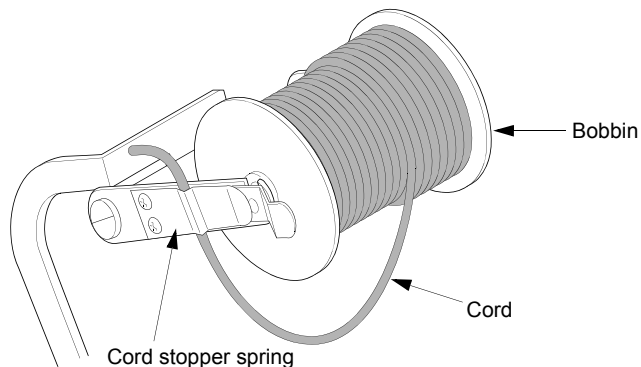
## 4. Attaching of face plate

Reference  Attaching of face plate (P.30)

## When cording device is not used

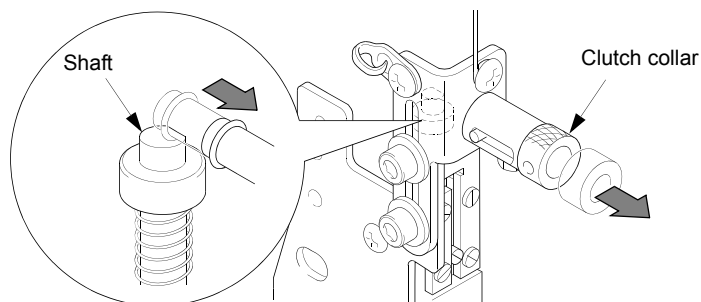
### 1. Bobbin

Roll up cord to the bobbin and insert the tip of the cord to the cord stopper spring.



### 2. Clutch collar

In case of looping spec., pull the clutch collar to release the shaft.

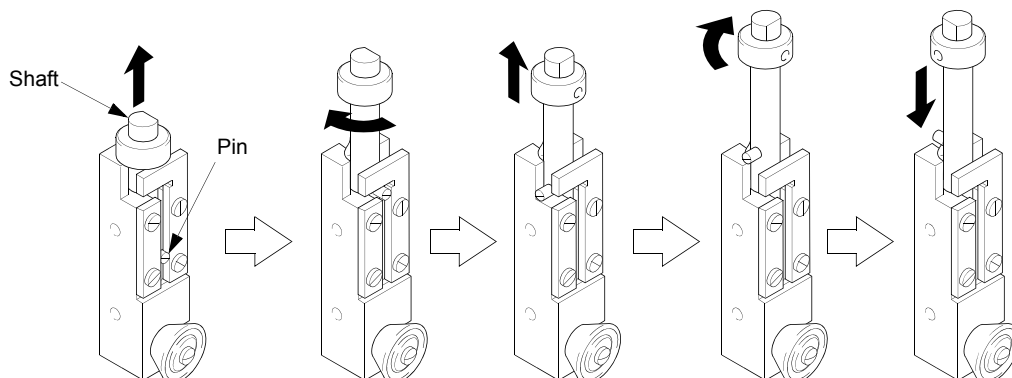


## ! CAUTION

**!** When cording device is not used, set the shaft guide pin securely to the groove of rear side.  
When performing embroidery with the shaft guide pin not set to the groove of rear side, the cording device will touch the embroidery frame or the middle supporter, which could cause the cording device, embroidery frame, etc. to be broken.

### 3. Cord guide shaft

Move the shaft as shown in the illustration below to put the pin into the rear groove.



# Parts list

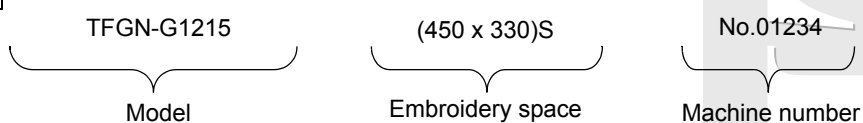
## Contents

Main body of cording device .....	EK-1
Bobbin and needle bar case .....	EK-2

[About \* marks and # marks affixed to part numbers on the parts list]

- ◆ The part whose part number has \*\*\*\* marks at lower four digits differs depending on model, spec. etc.  
When you place an order of such a part, please also inform us of your model, embroidery space and machine number.

### Example



- ◆ The part whose part number has #### marks at lower four digits differs depending on a number of needles.  
When placing an order of part, replace #### marks with numbers.

**Example** In case of EK012345####, the last four digits are as follows:

3-needle type .....	0300
6-needle type .....	0600
9-needle type .....	0900
12-needle type .....	1200
15-needle type .....	1500

- ◆ Regarding the part number that contains description of \*, #, or @, the part differs depending on model, spec. etc.  
When you place an order of such a part, please also inform us of your model, embroidery space and machine number.



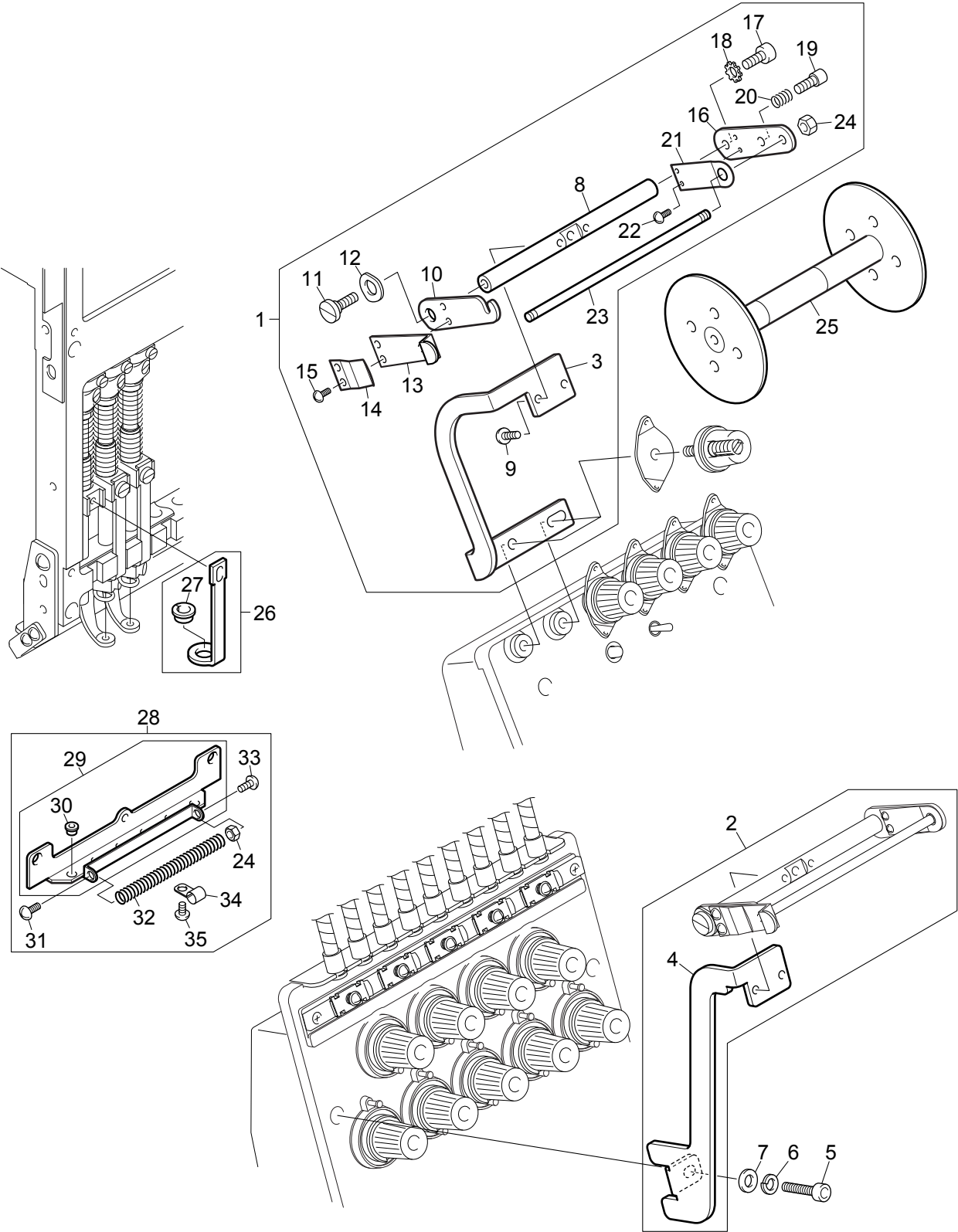
# CORDING DEVICE MAIN BODY

EK-1

Ref.No.	Description	Part No.	Remark
1	Base :Cord Presser	0L1130240002	
2	Spacer :3.8mm Dia.	0L1130310011	For KB-2M Attaching Hole
2	Collar :No.1 :4.2P	502542010000	For Sequin Device Attaching Hole
3	Truss Head Screw :9/64*40*8	SA30740802CL	For Washer/Spacer
3	Truss Head Screw :M4*10	S130041001SD	For Collar
4	Bracket Spacer A	EK0115A00000	1mm Thick
5	Round Countersunk Head Screw :9/64*40*9.5	SA53740951CL	For TEHX-C, TLFID, TMLH mixed type, TFKN
5	Countersunk Head Screw :M4*10	S150041002SD	For TEJT-C, TFGN series, TFMX series, TCMX mixed type
6	Spacer	0L1130180000	For 15-Needle M/C
7	Guide Pipe :Cord	0L1130290001	
8	Truss Head Screw :9/64*6	SA30740601CL	
8	Truss Head Screw :9/64*40*10	SA30741001CL	For 15-Needle M/C
9	Guide Plate L	EK0334010000	
10	Guide Plate R	EK0333010000	
11	Flat Fillister Head Screw :1/8*44*5	SA41730501CN	
12	Thread Suspender Disk	0B0200050000	
13	Compression Spring :0.3mm Dia.	507603020000	
14	Presser :Thread Suspender Spring	0B0200060000	
15	Stepped Screw :No.1 :9/64*7.5	512153060000	
16	Cord Guide Shaft	EK0336010000	
17	Stopper Collar :7.24mm Dia.	502101020000	
18	Hexagon Socket Head Set Screw :M3*3	S170030301TN	
19	Compression Spring :0.5mm Dia.	507605140000	
20	Cord Presser :No.1 :1.1mm Dia.[S]	0L1130091S02	For Cording
21	Hexagon Socket Head Cap Screw :M3*8	S120030802TN	
22	Cord Presser :No.2[S]	0L1130280S10	For Looping
23	Guide :Stopper[S]	0L1130190S00	
23	Stopper Guide :15-Needle[S]	0L1130210S00	
24	Hexagon Socket Head Cap Screw :M4*5	S120040502TN	
25	Plain Washer :M4*10*t0.8	S301041002SC	
26	Ball Plunger :BST4	615400020000	
27	Hexagon Nut Type 1 :M4	S210040001SC	Type 1
28	Stopper Collar :6mm Dia.	502106010000	
29	Shaft :Stopper	0L1130200000	
30	Screw with Pin :No.5 :1/8-2.5	513550010000	
31	O-ring :S-5	612200100000	
32	Thread Course :Cord	0L1130300000	
33	Thread Guide :No.2	516202020000	
34	Truss Head Screw :9/64*6	SA30740601CL	
35	Cord Guide	0L1130010000	
36	Truss Head Screw :9/64*4	SA30740401CL	
37	Needle Clamp :Cording Device[S]	0L1130330S00	
37	Needle Clamp :Cording Device :15-Needle[S]	0L1130150S00	
38	Guide Base C	EK0341000000	No pre-processing on Needle Bar Case
39	Bracket Spacer C	EK0342000000	No pre-processing on Needle Bar Case
40	Truss Head Screw :9/64*40*5	SA30740501CL	
41			
42			
43			
44			

Note: As for parts with marks # , \* or @, please follow our instructions on Table of Contents in your parts order.

(IA10)



# CORDING DEVICE MAIN BODY

EK-2

Ref.No.	Description	Part No.	Remark
1	Bobbin Bracket :KB2	ULA000000100	For TLFD II
2	Bobbin Bracket :Rotary :KB2	ULA100000100	For TFGN series, TFMX series, TEHX-C, TMLH mixed type, TFKN
3	Bracket :No.1 :Bobbin Holder	0L1130100000	For TLFD II
4	Bracket :No.2 :Bobbin Holder	0L1130140000	For TFGN series, TFMX series, TEHX-C, TMLH mixed type, TFKN
5	Hexagon Socket Head Cap Screw :M4*25	S120042501TN	
6	Spring Washer :M4	S402040001KC	
7	Plain Washer :M4*10*t0.8	S301041002SC	
8	Base :Bobbin Shaft Holder :Large Size	0L1310060000	
9	Pan Head Screw :M3*10	S160031002SD	
10	Bracket :Bobbin :L	08068010L000	
11	Stepped Screw :No.1 :M4*11.4	S12104030000	
12	Wave Washer :M6	S305061051TN	
13	Plate Spring :t0.5	507805010011	
14	Cord Stopper Spring	507803110000	
15	Pan Head Screw :M3*3	S160030301MZ	
16	Bracket :Bobbin :R	08068010R000	
17	Hexagon Socket Head Cap Screw :M4*10	S120041002TN	
18	Washer with Teeth	WSL040000TP0	
19	Knurled Screw :M4*10	S11D04050000	
20	Compression Spring :0.7mm Dia.	507607140000	
21	Plate Spring :t0.3	507803040011	
22	Pan Head Screw :M2*3	S160020301MZ	
23	Screw with Pin :No.5 :M4-104	S13504020011	
24	Hexagon Nut Type 3 :M4	S212040002SD	Type 3
25	Bobbin :Large Size	0L1310070000	
26	Presser Foot :Cording[A]	0L1130080A00	For TEHX-C, TLFD II, TMLH mixed type, TFKN
26	Presser Foot :Cording[A]	0L1130230A00	For TEJT-C, TFGN series, TFMX series, TCMX mixed type
27	Split Collar :Presser Foot	090460040020	
28	Lower Thread Guide Set	FXP626S1####	For TCMX mixed type
29	Lower Thread Guide	FXP62601####	
30	Thread Guide	FX0626110000	
31	Pan Head Screw :M4*8	S160040801SD	
32	Thread Hook Spring	EF0631020300	For 6-Needle M/C
32	Tensile Spring :No.2 :0.6mm Dia.	507506010020	For 9-Needle M/C
32	Tensile Spring :No.2 :0.6mm Dia.	507506020020	For 12-Needle M/C
33	Pan Head Screw :M4*15	S160041501SD	
34	Clamp :Thread Hook Spring	0B0200170012	For 12 or more Needle M/C
35	Truss Head Screw :M3*4	S130030402SD	
36			
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Note: As for parts with marks # , \* or @ , please follow our instructions on Table of Contents in your parts order.

(IA10)

**1st Edition**    **April, 1999**  
**2nd Edition**    **February, 2000**  
**3rd Edition**    **November, 2001**  
**4th Edition**    **July, 2002**  
**5th Edition**    **July, 2003**  
**6th Edition**    **October, 2005**

■ **Manufactured by:**  
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