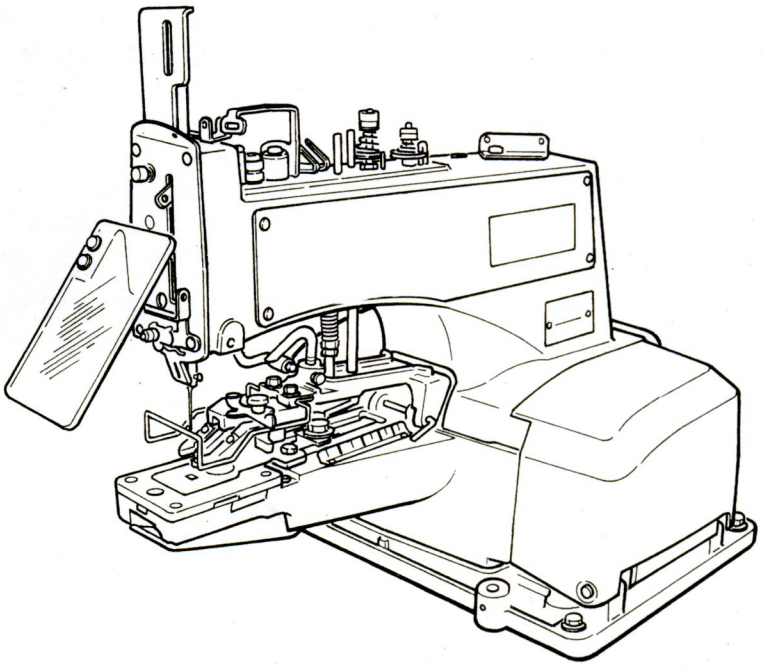
1373
1377

取扱説明書 INSTRUCTION MANUAL
使用说明书



注意：	このたびは、当社の製品をお買い上げいただきまして、ありがとうございました。 安全に使用していただくために使用前に、必ずこの取扱説明書をお読みください。 また、いつでもすぐに読めるように、この取扱説明書を保管してください。
NOTE :	Read safety instructions carefully and understand them before using. Retain this Instruction Manual for future reference.
注意：	为了安全地使用，请您在使用之前一定阅读本使用说明书。 另外，请您注意保管本使用说明书，以便随时查阅。

SS-7377W

ENGLISH

IMPORTANT SAFETY INSTRUCTIONS

Putting sewing systems into operation is prohibited until it has been ascertained that the sewing systems in which these sewing machines will be built into, have conformed with the safety regulations in your country.
Technical service for those sewing systems is also prohibited.

1. **Observe the basic safety measures, including, but not limited to the following ones, whenever you use the machine.**
2. **Read all the instructions, including, but not limited to this Instruction Manual before you use the machine.**
   In addition, keep this Instruction Manual so that you may read it at anytime when necessary.
3. **Use the machine after it has been ascertained that it conforms with safety rules/standards valid in your country.**
4. **All safety devices must be in position when the machine is ready for work or in operation.**
   The operation without the specified safety devices is not allowed.
5. **This machine shall be operated by appropriately-trained operators.**
6. **For your personal protection, we recommend that you wear safety glasses.**
7. **For the following, turn off the power switch or disconnect the power plug of the machine from the receptacle.**
   - 7-1 **For threading needle(s), looper, spreader etc. and replacing bobbin.**
   - 7-2 **For replacing part(s) of needle, presser foot, throat plate, looper, spreader, feed dog, needle guard, folder, cloth guide etc.**
   - 7-3 **For repair work.**
   - 7-4 **When leaving the working place or when the working place is unattended.**
   - 7-5 **When using clutch motors without applying brake, it has to be waited until the motor stopped totally.**
8. **If you should allow oil, grease, etc. used with the machine and devices to come in contact with your eyes or skin or swallow any of such liquid by mistake, immediately wash the contacted areas and consult a medical doctor.**

9. **Tampering with the live parts and devices, regardless of whether the machine is powered, is prohibited.**
10. **Repair, remodeling and adjustment works must only be done by appropriately trained technicians or specially skilled personnel. Only spare parts designated by JUKI can be used for repairs.**
11. **General maintenance and inspection works have to be done by appropriately trained personnel.**
12. **Repair and maintenance works of electrical components shall be conducted by qualified electric technicians or under the audit and guidance of specially skilled personnel.**
    Whenever you find a failure of any of electrical components, immediately stop the machine.
13. **Before making repair and maintenance works on the machine equipped with pneumatic parts such as an air cylinder, the air compressor has to be detached from the machine and the compressed air supply has to be cut off. Existing residual air pressure after disconnecting the air compressor from the machine has to be expelled. Exceptions to this are only adjustments and performance checks done by appropriately trained technicians or specially skilled personnel.**
14. **Periodically clean the machine throughout the period of use.**

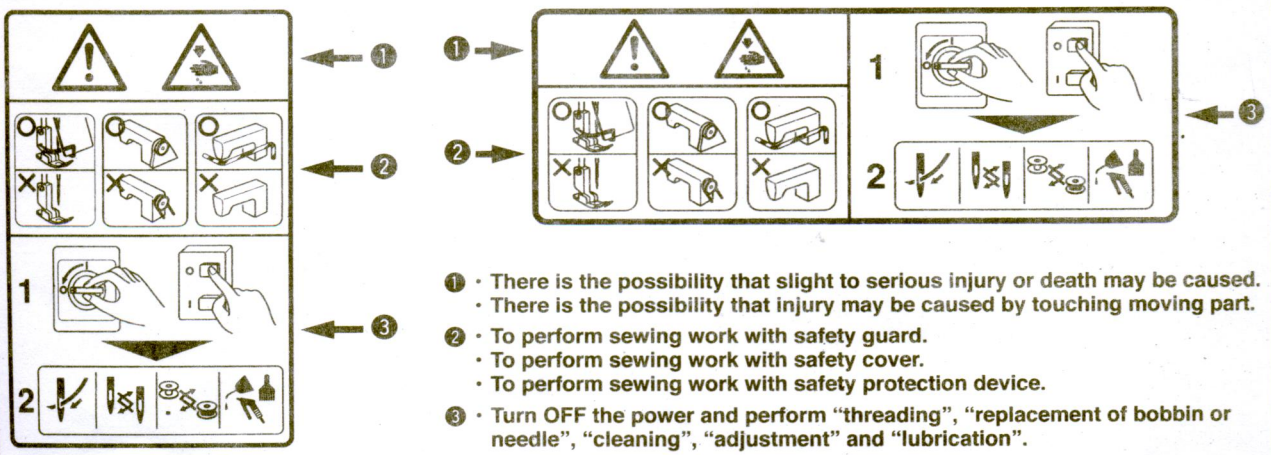
15. **Grounding the machine is always necessary for the normal operation of the machine. The machine has to be operated in an environment that is free from strong noise sources such as high-frequency welder.**
16. **An appropriate power plug has to be attached to the machine by electric technicians. Power plug has to be connected to a grounded receptacle.**

17. **The machine is only allowed to be used for the purpose intended. Other used are not allowed.**
18. **Remodel or modify the machine in accordance with the safety rules/standards while taking all the effective safety measures. JUKI assumes no responsibility for damage caused by remodeling or modification of the machine.**

19. **Warning hints are marked with the two shown symbols.**

Danger of injury to operator or service staff

Items requiring special attention



❶ · There is the possibility that slight to serious injury or death may be caused.
· There is the possibility that injury may be caused by touching moving part.

❷ · To perform sewing work with safety guard.
· To perform sewing work with safety cover.
· To perform sewing work with safety protection device.

❸ · Turn OFF the power and perform "threading", "replacement of bobbin or needle", "cleaning", "adjustment" and "lubrication".

FOR SAFE OPERATION

1. To avoid personal injury, never put your fingers under the needle when you turn ON the power switch or operate the sewing machine.
2. To avoid personal injury, turn OFF the power switch when you tilt the machine head.
3. To prevent possible personal injury caused by being caught in the machine, keep your fingers, head and clothes away from the handwheel and the thread take-up while the sewing machine is in operation. In addition, place nothing around it.
4. Never operate the machine with the safety devices such as needle bar cover, finger guard, eye guard cover, etc. removed.
5. To avoid personal injury, be careful not to allow your fingers in the machine when tilting the machine head.

1. For the safety, never operate the sewing machine with the ground wire for the power supply removed.
2. Be sure to turn OFF the power switch in prior when connecting/disconnecting the power plug.
3. When thunders occurs, stop the work for the safety and disconnect the power plug.
4. When the sewing machine is suddenly moved from a cold place to a warm place, there is a case where dew condensation may occur. Turn ON the power after there is no worry of the drop of water.
5. To prevent fires, periodically draw out the power plug from the plug socket and clean the root of the pins and the space between pins.

CAUTION BEFORE OPERATION

WARNING :
To avoid malfunction and damage of the machine, confirm the following.

- **Use the oil adaptable to the machine specifications.**
- **Clean the sewing machine thoroughly before using it for the first time.**
- **Remove all dust collected on the sewing machine during the transportation.**
- **Confirm that the voltage and phase are correct.**
- **Confirm that the power plug is properly connected.**
- **Never use the sewing machine in the state where the voltage type is different from the designated one.**
- **The direction of rotation of the sewing machine is clockwise as observed from the handwheel side. Be careful not to rotate it in reverse direction.**
- **Before applying power, release the stop-motion mechanism and turn by hand the needle driving pulley in order to ensure that the machine is in order.**
- **To install the machine, the frame support bar has to be firstly inserted into the table.**
- **When operating the sewing machine, turn ON the power switch after properly setting the head on the table.**
- **Operate the handwheel after the sewing machine has totally stopped.**

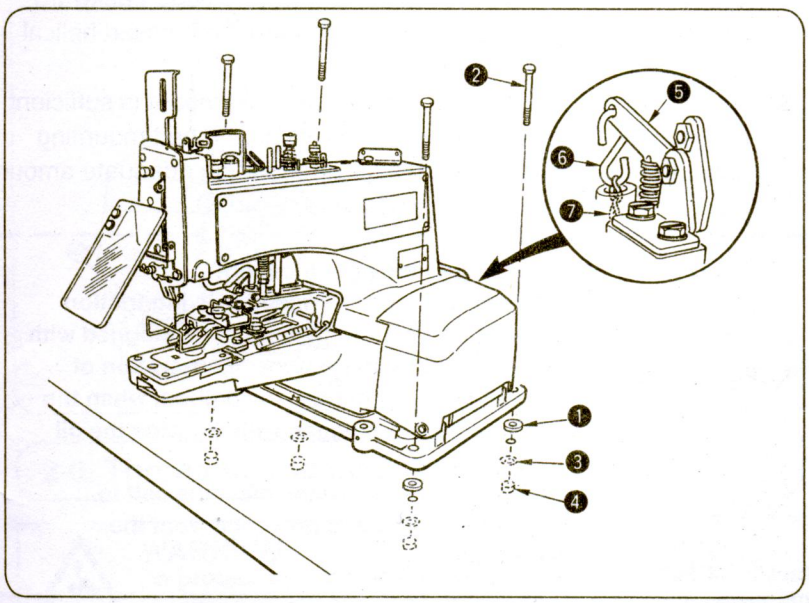
CONTENTS

1. SPECIFICATIONS

	MB-1373	MB-1377
Sewing speed	Normal 1,300 rpm (Max. 1,500 rpm)	
Number of stitches	8, 16 and 32 stitches	
Feed amount	Lateral feed 2.5 to 6.5mm Longitudinal feed 0, 2.5 to 6.5mm	Lateral feed 2.5 to 6.5mm Longitudinal feed 0, 2.5 to 4.5mm
Button size	10 to 28 mm	
Needle used	TQx1 #16 (#14 to #20) TQx7 #16 (#14 to #20)	
Lubricating oil	JUKI New Defrix Oil No. 1	
Noise	Workplace-related noise at sewing speed n = 1,500 min–1 : Lpa ≦ 84 dB(A) Noise measurement according to DIN 45635-48-B-1.	

2. PREPARATION OF THE SEWING MACHINE

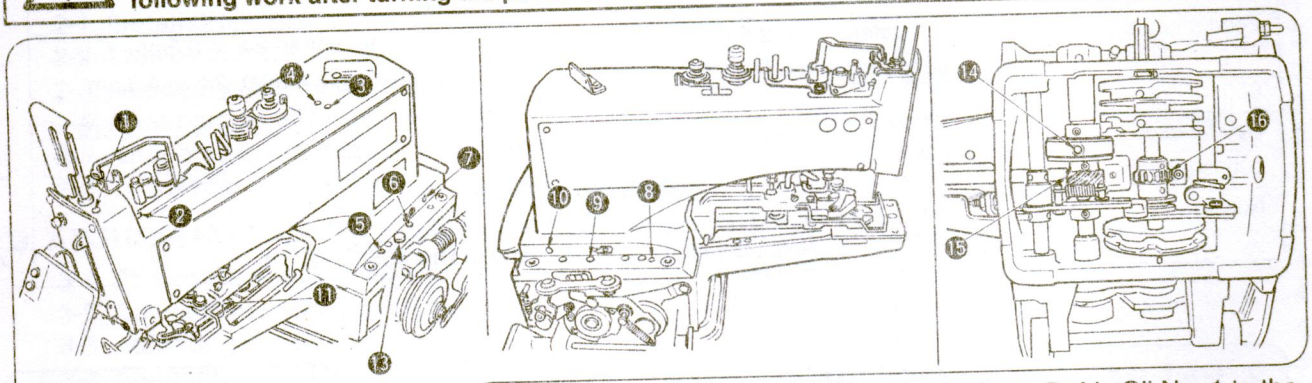
2-1. Installation

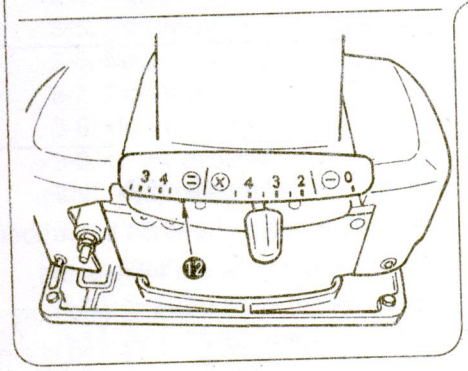


Put rubber cushion ❶ on the table, place the machine head on the rubber cushion and fix it to the table using screws ❷, plain washers ❸ and nuts ❹. Attach "S" chain hook ❻ and chain ❼ to stop motion trip lever ❺.

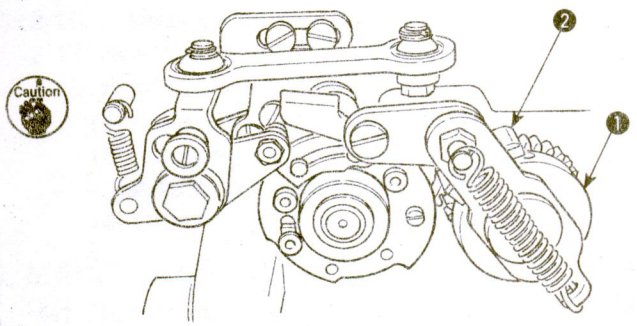
2-2. Lubrication

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.





1) Open the side cover, and apply JUKI New Defrix Oil No. 1 to the portions shown by the red marks ❶ to ⓬ (❼ : MB-1377 only). (Apply approximately 1 cc of oil to the respective lubricating places one to two times a week.)
2) Loosen connecting screw ⓭, tilt the machine head backward and apply grease (JUKI designated grease) to crossed helical gear ⓯ and worm gear ⓰.
3) Check, approximately once a week, that oil amount is sufficient to reach the top of the oil felt placed inside the bed mounting base. If the amount of oil is insufficient, add an adequate amount of oil. At this time, also apply oil to crank rod ⓮.



[Caution at the time of lubricating]

1. **Take care not to allow speed slowing friction wheel ❶ and friction plate ❷ to be clogged with oil to prevent them from the deterioration of retardation performance. In addition, when the components are clogged with oil, wipe the oil from them.**
2. **Take care not to allow the machine belt to be clogged with oil to prevent it from the deterioration.**

2-3. Attaching the needle

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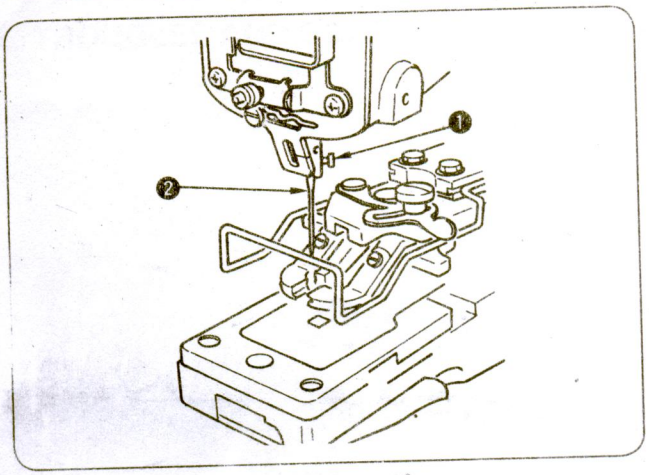

★ Use a standard needle of TQx1 #16.
Loosen setscrew ❶ and hold needle ❷ with the long groove facing toward you. Then fully insert it into the hole in the needle bar, and tighten setscrew ❶.

2-4. Attaching the needle bar cover

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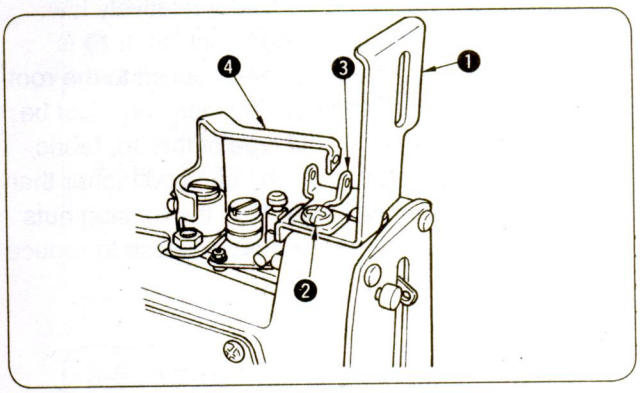
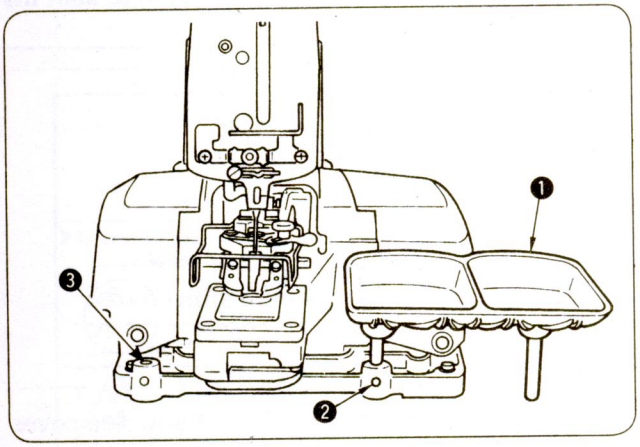


1) Loosen screw ❷ and remove thread guide ❸.
2) Place needle bar guard ❶ under thread guide ❸ and attach thread guide ❸ so that lever ❹ comes to the center of it at the start of the machine.
3) Fix the cover with screw ❷.

2-5. Attaching the button tray assembly



Insert the posts of button tray ❶ in hole on the right of the machine sub-base and tighten each setscrew ❷. If it is difficult for the operator to pick up the buttons on the right side, change it to hole ❸ on the left side.

2-6. Threading the machine

WARNING :
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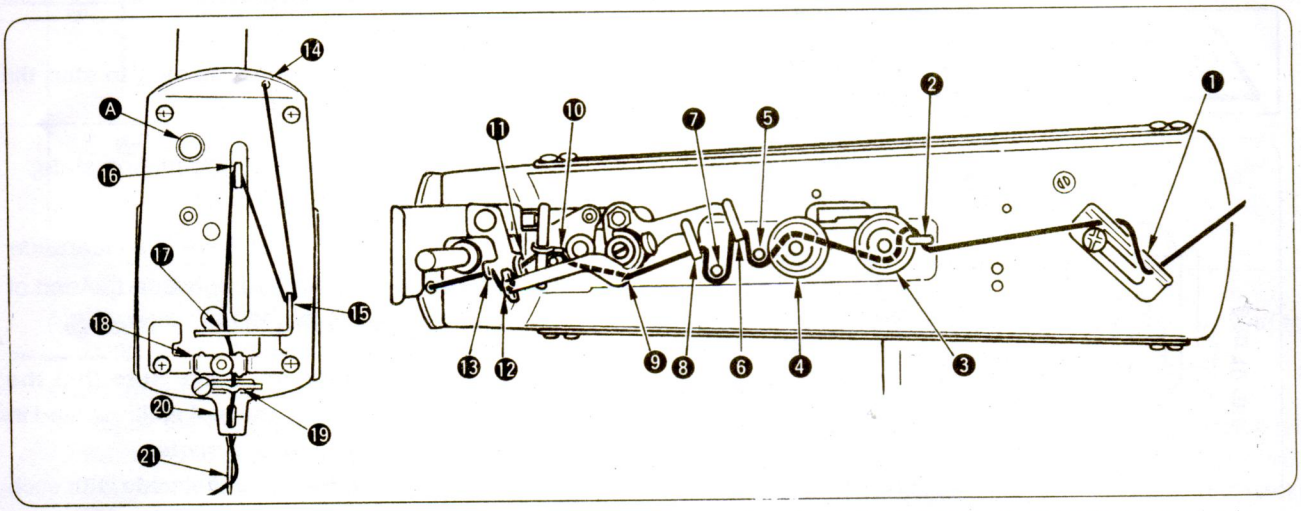
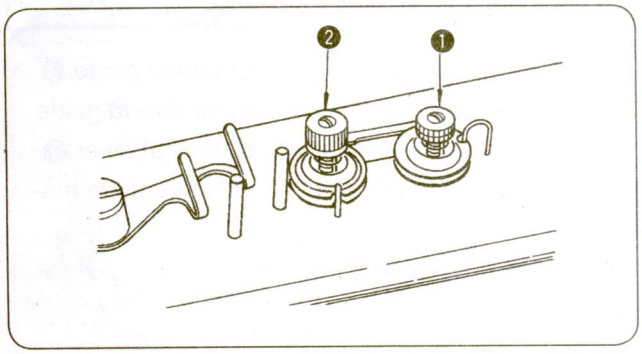


Thread the machine head in the order of ❶ to ㉑ as shown in the illustration given above. Then, pass the thread through the needle eye from the front for approximately 60 to 70 mm as you depress nipper releasing knurled thumb nut Ⓐ.

* Standard needle is TQ X 1 #16.

3. ADJUSTMENT OF THE SAWING MACHINE

3-1. Thread tension adjustment



Tension post No. 1 ❶ is used to adjust the thread tension to sew on the button and a relatively low tension will be enough. Tension post No. 2 ❷ is used to adjust the thread tension applied to the root of the button sewing stitches. This tension must be determined according to the type of thread, fabric and thickness of the button and must be higher than that of tension post No. 1 ❶. Turn the tension nuts clockwise to increase or counterclockwise to reduce the thread tension.

3-2. Adjustment of the thread pull-off lever

WARNING :
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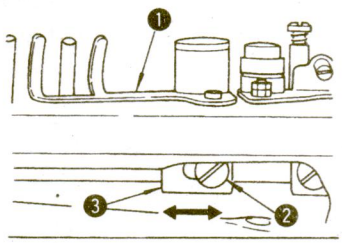

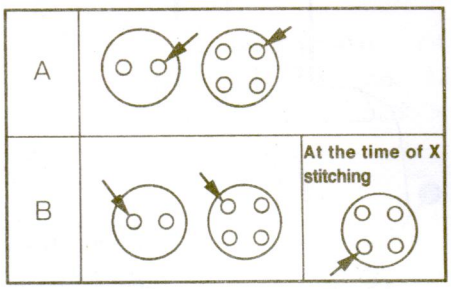

To adjust the thread pull-off lever ❶, insert a screwdriver through an opening in the machine arm side cover (left), loosen screw ❷ and adjust the position of nipper bar block (rear) ❸ to the left or the right. If the end of thread is drawn from arrow hole A in the button after sewing, change the position of nipper bar block (rear) ❸ to the left. Move the lever to the right when the thread end comes out from arrow hole B.

3-3. Adjusting the tension lever

WARNING :
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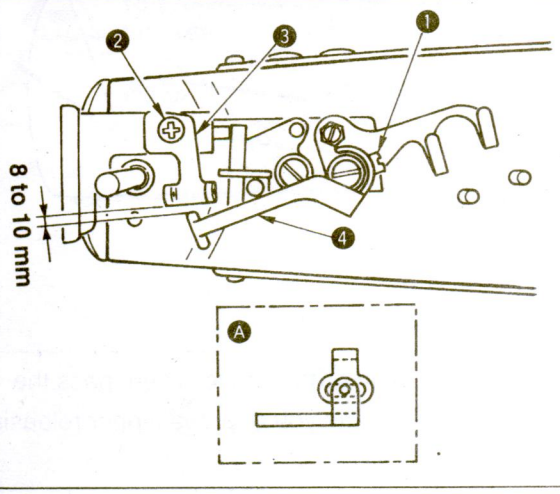

1) When the machine is in the stop-motion state, loosen screw ❶.
2) Tighten setscrew ❶ so that there is a clearance of 8 to 10 mm as a standard between the end of thread tension guide ❸ and end of lever ❹.

Caution

After the adjustment, make sure that the thread path is within the slot as illustrated in Fig. Ⓐ when the machine starts. If the thread paths do not coincide with each other, loosen screw ❷ in the tension thread guide and adjust it properly.

3-4. Adjusting the nipper

WARNING :
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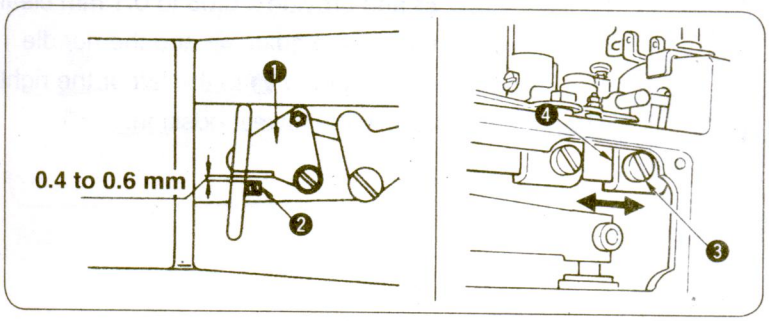
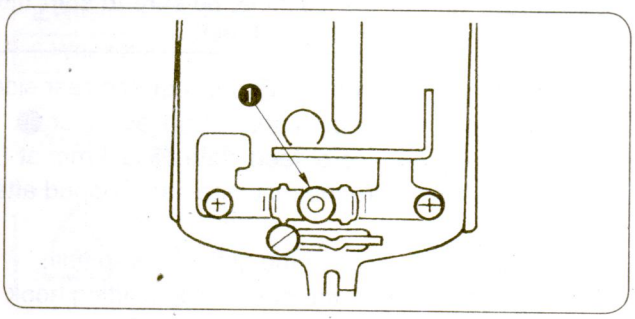


1) Provide a 0.4 to 0.6 mm clearance between nipper block ❷ and nipper ❶ to prevent the nipper ❶ from holding the thread while the machine is in operation.
2) Loosen screw ❸ and move nipper bar block ❹ to the right or the left.

3-5. Adjusting the thread tension guide on the face plate



If the formation of seams at the start of sewing is failed and the seams are formed on the way even when the thread pull-off lever is adjusted, turn thumb nut ❶ (double nut) to decrease the thread tension.

3-6. Needle-to-looper relation

WARNING :
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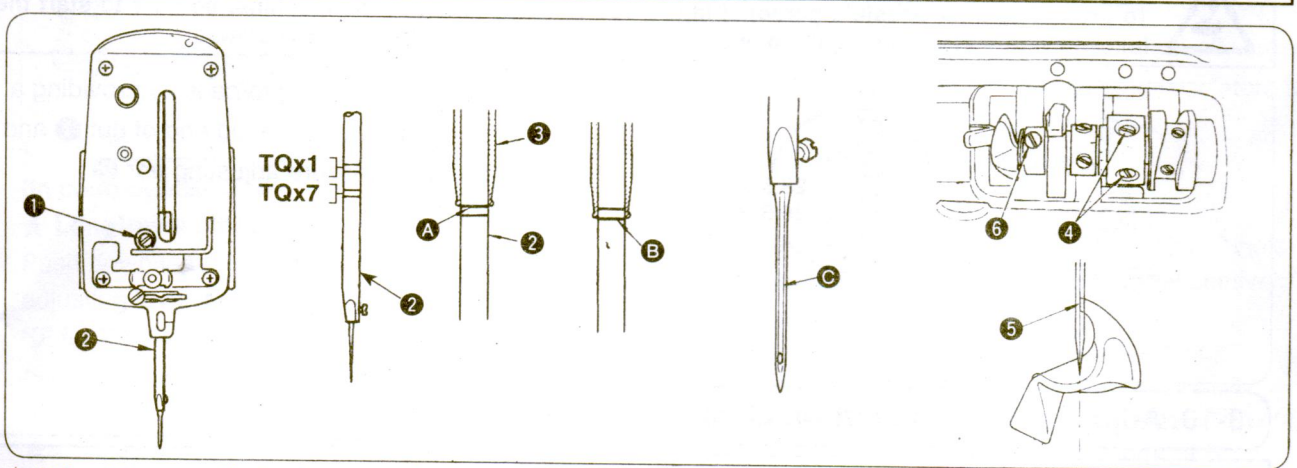

★ Adjust the needle-to-looper relation as follows :

1) Depress the pedal fully forward, turn the needle driving pulley in the normal sewing direction by hand to bring down the needle bar to the lowest position of its stroke and loosen screw ❶.

(Adjusting the needle bar height)

2) Adjust the height of the needle bar using the top two lines engraved on the needle bar ❷ for the TQx1 needle and using the bottom two lines for the TQx7 needle. Align the upper line Ⓐ with the bottom end face of needle bar bushing (lower) ❸ and tighten screw ❶. At this time, tighten the screw so that groove Ⓒ of the needle faces the front.

(Looper position)

3) Loosen screws ❹ and turn by hand the needle driving pulley until lower line Ⓑ of two lines aligns with the bottom end face of needle bar bushing (lower) ❸.
4) By keeping the machine in this state, align looper blade ❺ with the center of the needle and tighten screws ❹.
5) Loosen screws ❻ and provide a 0.01 to 0.1 mm clearance between the looper and the needle. Tighten screws ❻.

3-7. Position of the needle guide

WARNING :
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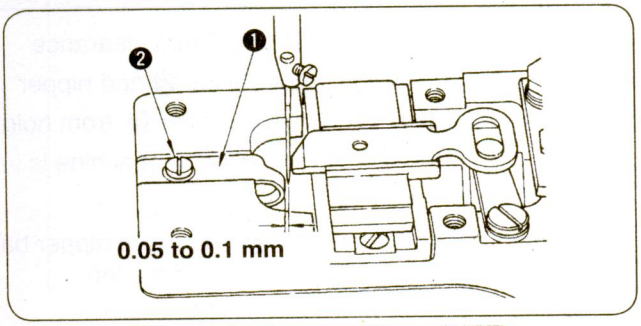

Loosen screw ❷ and provide a 0.05 to 0.1 mm clearance between the needle guide ❶ and the needle by moving the needle guide ❶ to the left or the right when the needle is in the lowest position.

3-8. Height of the button clamp

WARNING :
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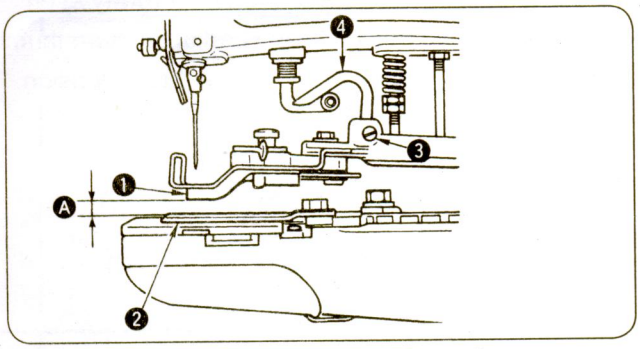

1) The standard clearance Ⓐ between the rear side of the bottom face of button clamp jaw lever ❶ and the top surface of feed plate ❷ is 8 mm at the position where the machine has stopped after sewing.
2) To adjust the height of the button clamp unit, loosen screw ❸ in the button clamp lifting hook and move button clamp lifting hook ❹ up or down.

3-9. Work pressing force

WARNING :
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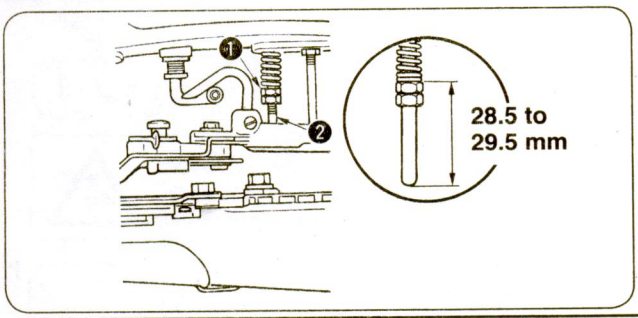

The standard work pressing force is by providing a 28.5 to 29.5 mm between the top end of nut ❶ and the bottom end of pressure adjusting bar ❷.
Turn nut ❶ to adjust it.

3-10. Adjustment of the button clamp stop lever

WARNING :
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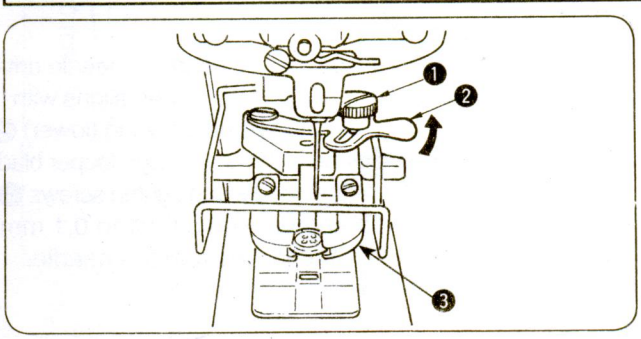
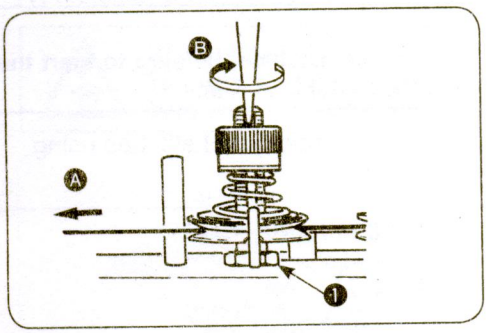


When clamp screw ❶ is loosened in the state of stop-motion, button clamp jaw levers ❸ opens/closes with button clamp stop lever ❷. Set a button to the correct position and fix button clamp stop lever ❷ at the position where taking in and out of the button is easily performed with clamp screw ❶.

3-11. Timing of thread tension release



Turn the needle driving pulley as you draw the thread in the direction of arrow mark Ⓐ and you will find a point at which the tension discs on the tension post No. 2 release the thread. At this moment, the standard distance from the top end of the needle bar bushing (upper) to the top end of the needle bar is 44 to 47 mm (in case of the needle of TQ X 7, 54 to 57 mm).

Perform the following adjustments especially when the undermentioned troubles occur frequently.

Loosen nut ❶, insert the blade of a screwdriver to the top slot of the tension post No. 2 and turn it in the direction of arrow mark Ⓑ to lower the height of the thread floating bar and in the opposite direction to raise the height.

Phenomenon	Height of thread floating bar
1.When the stitch made on the wrong side of the workpiece is too loose ;	Make the needle bar slightly higher.
2.When the thread is broken at the time of stop-motion ;	Make the needle bar slightly lower.
3.When the thread is broken frequently ;	Make the needle bar slightly lower.

3-12. Setting for 2- or 4-hole buttons

WARNING :
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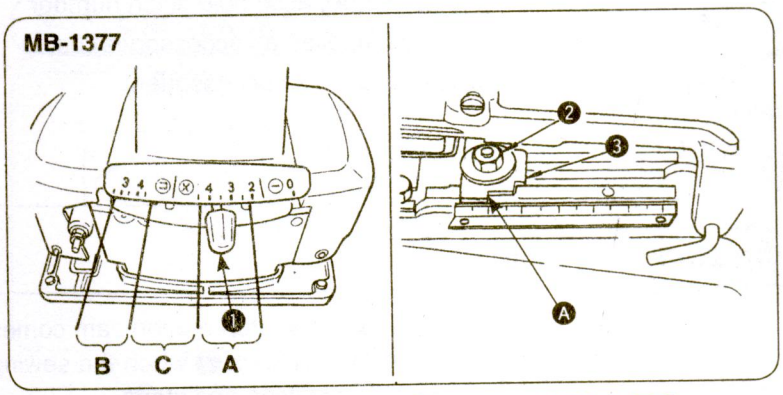


Caution
Perform the adjustment after confirming that the sewing machine is located at the position of the stop-motion (refer to "3-14. Adjusting the position of the stop-motion", p.8.).

Measure the distance between two holes in a button and set equally crosswise and lengthwise feed regulators for 4-hole buttons.

[In case of MB-1373]

★ Lengthwise feed

Push down lengthwise feed adjusting lever ❶ and set it to "0" for 2-hole buttons or a corresponding amount for 4-hole buttons.

★ Crosswise feed

Loosen nut ❷ and set section Ⓐ of pointer ❸ to a corresponding amount. Then tighten nut ❷.

[In case of MB-1377]

★ Lengthwise feed

Push down lengthwise feed adjusting lever ❶ and set it to "0" for -2-hole buttons or a corresponding amount for 4-hole buttons by the respective procedures below according to the sewing methods.

X stitch : Set the lengthwise feed adjusting lever to the position corresponding to the amount for the button within the range of **A**.

U-sharp stitch : Set the lengthwise feed adjusting lever to the position corresponding to the amount for button within the range of **B**.

Caution
When setting the lengthwise feed adjusting lever to the position of C (outside of range of setting the lever), not only the sewing cannot be performed but also trouble will be caused. Do not set the feed adjusting lever at the position of C.

★ Crosswise feed

Loosen nut ❷ and set section Ⓐ of pointer ❸ to a corresponding amount. Then tighten nut ❷.

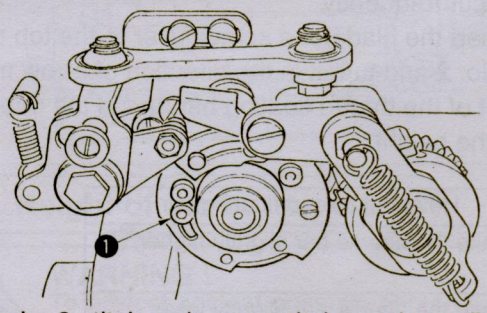
Caution
Before operating the machine, ensure that the needle enters the center of each hole in the button.

3-13. Setting a number of stitches

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.

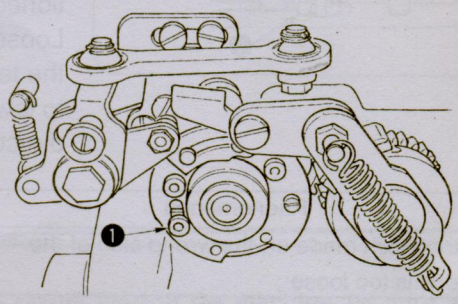
To change the number of stitches, open the left-hand side cover and change the number of stitches using stitch number adjusting screw ❶ and stitch number adjusting lever ❹ (optional).

★ How to adjust 8 stitches



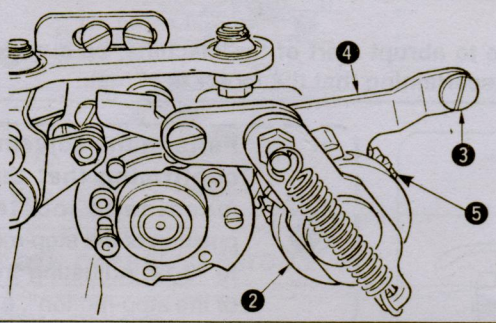
To make 8 stitches, loosen stitch number adjusting screw ❶ and fix it to the position as shown in the illustration.

★ How to adjust 16 stitches



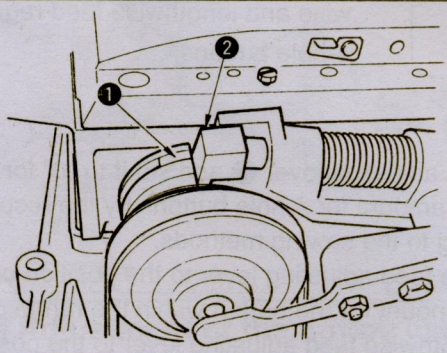
When stitch number adjusting screw ❶ being set for "8 stitches" has arrived at the left end, loosen stitch number adjusting screw ❶ and fix it to the position as shown in the illustration.

★ How to adjust 32 stitches



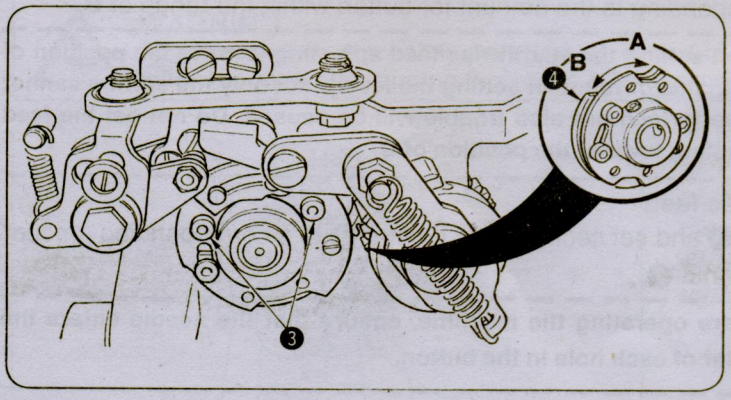
In the state of 16 stitches, stitch number adjusting gear roller ❷ which is attached to the large gear ❺ comes to the lower side, assemble stitch number adjusting lever ❹ (supplied as accessories) using hinge screw ❸ (supplied as accessories).

3-14. Adjusting the position of the stop-motion



Adjust so that claw ❶ of the stop-motion cam comes in contact with stop-motion hook ❷ when the sewing machine completes the sewing and stops.

When replacing the motor pulley and changing the sewing speed from 1,300 rpm to 1,500 rpm, and vice versa, be sure to re-adjust the position of the stop-motion.



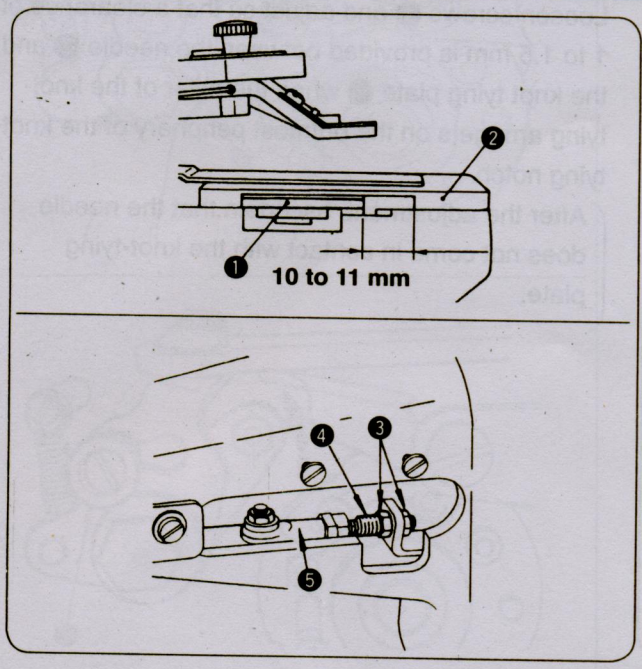
[Adjusting procedure]

- **When the stop-motion hook comes in contact with the stop-motion cam and rebounds, (When there is a clearance between claw ❶ and stop-motion hook ❷)**
  loosen two stop-motion position adjusting screws ❸, turn stop-motion adjusting cam ❹ in the direction of **A**, and fix stop-motion position adjusting screws ❸.
- **When the stop-motion hook stops before it comes in contact with the stop-motion cam claw**
  Loosen two stop-motion position adjusting screws ❸, turn stop-motion adjusting cam ❹ in the direction of **B**, and fix stop-motion position adjusting screws ❸.

3-15. Automatic thread trimmer

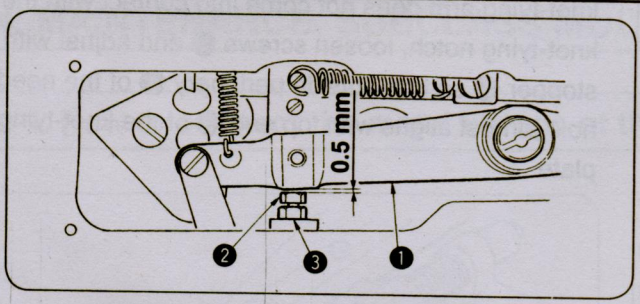
(1) Adjusting the position of the moving knife

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.



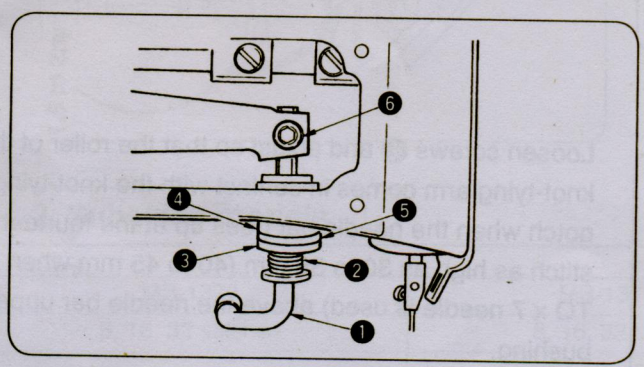
When the presser has completely lifted at the stop-motion position (**refer to "3-14. Adjusting the position of the stop-motion", p.8**), it is the standard that the clearance between thread trimming connecting plate (front) ❶ and the end face of the slit of throat plate ❷ is 10 to 11 mm. To adjust the aforementioned clearance, tilt the machine head, remove the oil shield, loosen two nuts ❸ and move connecting screw ❹ back or forth. When you tighten nuts ❸, ensure that joint ❺ stays in the horizontal position.

3-16. Clearance between the button clamp lifting lever and the adjusting screw



Provide a 0.5 mm clearance between the end face of button clamp lifting lever ❶ and adjusting screw ❷ at the stop-motion position (**refer to "3-14 Adjusting the position of the stop-motion", p.8**) and tighten with adjusting screw nut ❸.

3-17. How to set the L-shaped lifting rod

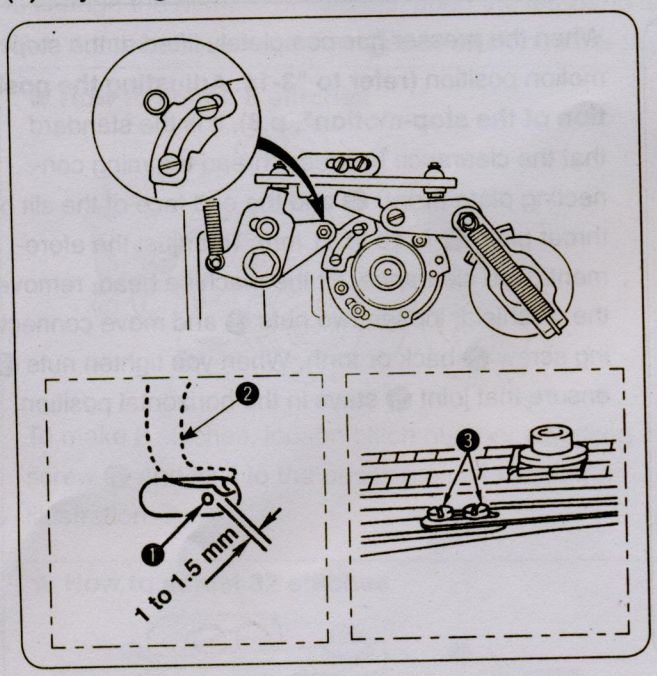


Put moving knife push-back spring ❷, stop-motion rubber cushion washer ❸, stop-motion rubber cushion ❹ and stop-motion rubber cushion washer ❺, in this order, to L-shaped lifting rod ❶. Make the jaw of the machine arm come into close contact with the end face of the stop-motion rubber cushion washer at the stop-motion position (**refer to "3-14 Adjusting the position of the stop-motion", p.8**) and set the L-shaped lifting rod without a play. Then tighten it with screw ❻.

3-18. Knot-tying mechanisms

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.

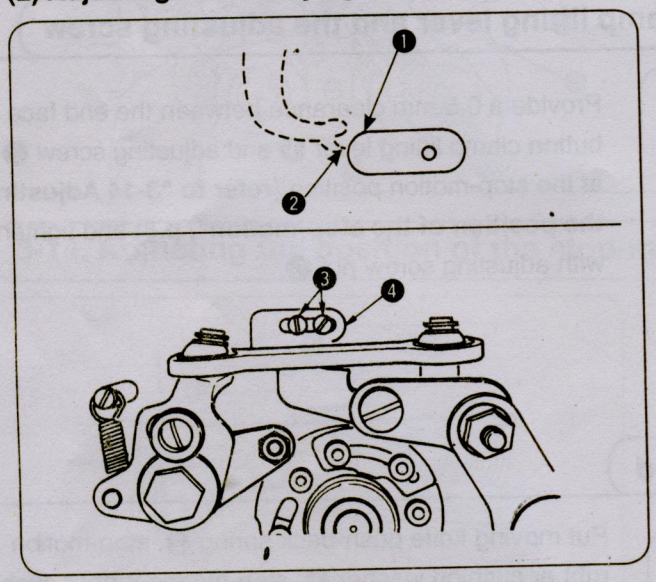
(1) Adjusting the knot-tying connecting plate



Loosen screws ❶ and adjust so that a clearance of 1 to 1.5 mm is provided between the needle ❷ and the knot tying plate ❸ when the roller of the knot-tying arm gets on the outmost periphery of the knot-tying notch.

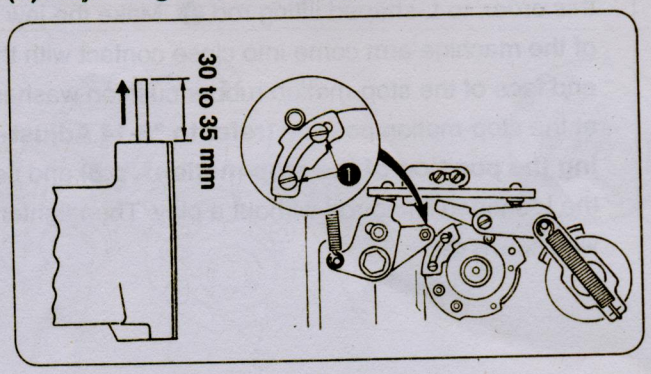
After the adjustment, ascertain that the needle does not come in contact with the knot-tying plate.

(2) Adjusting the knot-tying arm stopper



When starting the sewing machine and the roller of knot-tying arm does not come into contact with the knot-tying notch, loosen screws ❸ and adjust with stopper ❹ so that outside periphery ❶ of the needle hole almost aligns with top end ❷ of the knot-tying plate.

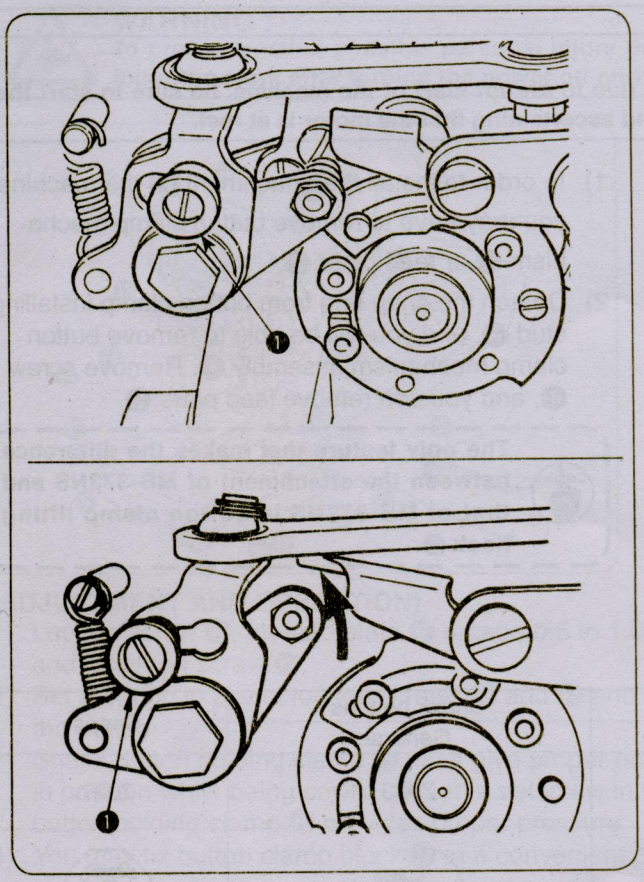
(3) Adjusting the knot-tying notch



Loosen screws ❶ and adjust so that the roller of the knot-tying arm comes in contact with the knot-tying notch when the needle bar goes up at the fourteenth stitch as high as 30 to 35 mm (40 to 45 mm when a TQ x 7 needle is used) above the needle bar upper bushing.

Caution
If two knot-tying notches are to be installed (without crossover stitch), make the aforementioned adjustment at the 6th and 14th stitches.

(4) Changeover of with/without knot-tying

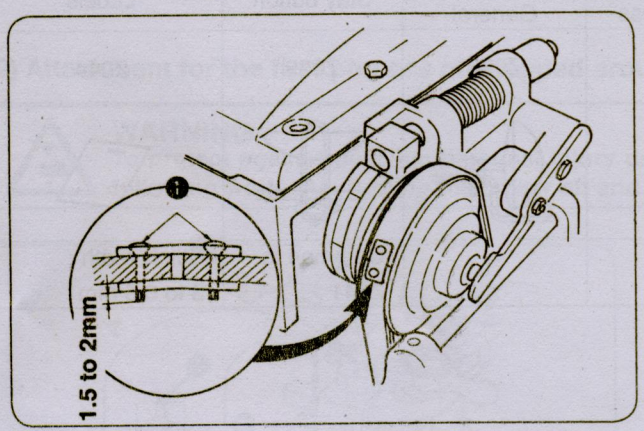


To make "with knot-tying", pull knot-tying changeover knob ❶ toward the front and place it to the position in the figure.

To make "without knot-tying", pull knot-tying change-over knob ❶ toward the front and place it to the position in the figure.

4. MAINTENANCE, SUBCLASS MODELS AND ATTACHMENTS

4-1. How to connect the metal fittings of the belt

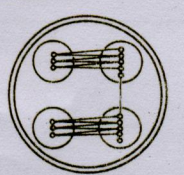
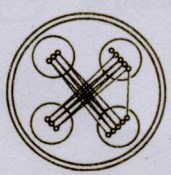


Tighten connecting screws ❶ of the belt so that the screws protrude approximately 1.5 to 2 mm from the reverse side as the standard.

Caution

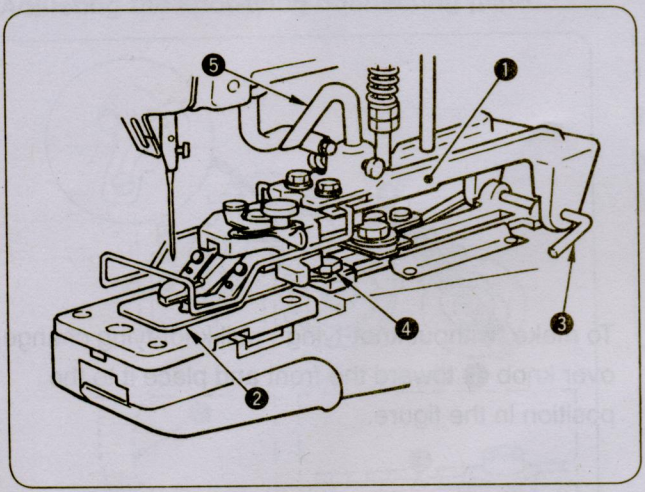
1. **When assembling the belt to the pulley and rotating the motor after closing the side cover, confirm that the side cover does not interfere with the metal fitting of the belt.**
2. **Take care not to allow the belt to be clogged with oil when assembling it.**

4-2. Subclass models

MB-1373	MB-1373-11
8, 16, 32 stitches	8, 16, 32 stitches
	

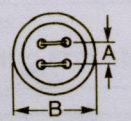
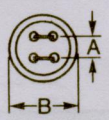
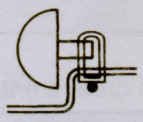
4-3. Attachments

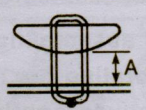
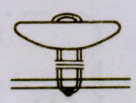
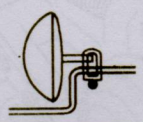
WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.



1) In order to install the attachment on the machine, you may have to remove button clamp mechanism ❶ or feed plate ❷.
2) Detach the snap ring from button clamp installing stud ❸, and you will be able to remove button clamp mechanism assembly ❶. Remove screw ❹, and you can remove feed plate ❷.

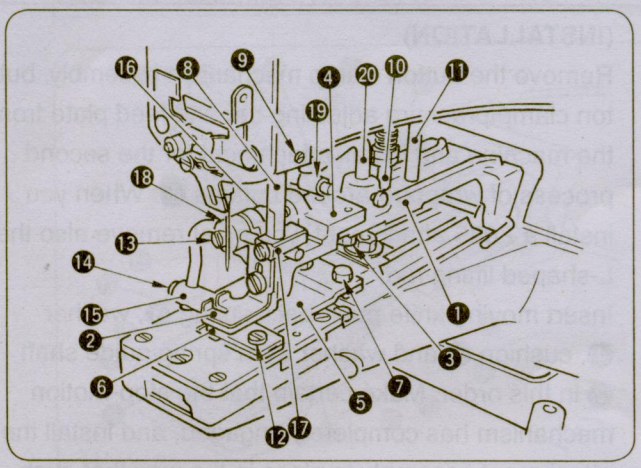
Caution **The only feature that makes the difference between the attachment of MB-373NS and that of MB-377NS is button clamp lifting hook ❺.**

Use	Flat buttons		Shank buttons	Snaps
	Large-size	Medium-size	General	
MB-1373 MB-1377	Z201	Z202	Z033	Z037
Schematic drawing				
Remarks	Button size : A : 3 to 6.5 mm B : ø20 to ø28 mm	Button size : A : 3 to 5 mm B : ø12 to ø20 mm	Button diameter : Less than 16 mm Shank size : Thickness : 6 to 5 mm Width : 3 to 2.5 mm	Snap size : A : 8 mm

Use	Wrapped-around buttons		Metal buttons	Stay button	Labels
	First process	Second process	General		
MB-1373 MB-1377	Z041	Z035	Z038	Z039	Z044
Schematic drawing					
Remarks	Thread shank height A : 5.5 mm			Common to Z041	Stitch width : 3 to 6.5 mm

(1) Attachments for shank buttons (Pearl buttons) (Z033)

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.



(INSTALLATION)

Remove both the button clamp mechanism assembly and the feed plate from the machine and install attachment ❶ in place. Loosen screws ❸ and adjust button clamp bracket ❹ to permit the needle to come down in the middle of the needle slot in shank button adaptor ❷. Attach button clamp feed plate ❺ using screws ❼ in the way that it permits the needle to come down in the middle of the needle slot in feed plate ❻. Insert the top end of button clamp stud ❽ into an opening in the jaw of the machine arm and fasten it by screw ❾.

(ADJUSTMENT AND OPERATION)

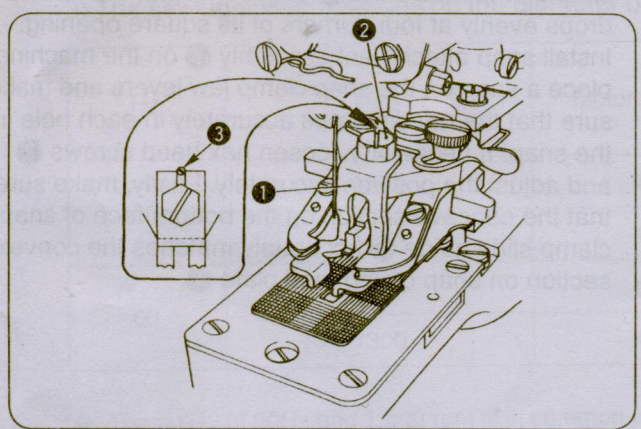
1) Loosen screw ⓬, let feed plate ❻ recede 0.5 to 1.0 mm from the left end of button clamp jaw lever ❷ and retighten screw ⓬.
2) Set a button in place, loosen screws ⓭ and ⓮ and align shank button holding clamp ⓯ with the center of the button.
3) Shank button holding clamp ⓯ must give proper pressure to the button so that the button stays steadily in position while being sewn. Loosen a setscrew in thrust collar ⓰ and rotate the thrust collar until shank button holding clamp ⓯ provides proper pressure.
4) You may fix button clamp block ⓱ in a convenient position for operation.

Caution

1. **When you fix the thrust collar, ensure that button clamp rotating shaft ⓲ does not play axially in its bracket.**
2. **Adjust lifting hook ⓴ and stopper pin ⓫ so that L-shaped lifting rod roller ⓳ does not come in contact with button clamp bracket ❹.**

(2) Attachment for the first process of wrapped-around buttons (Z041)

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.



(INSTALLATION)

Attach wrapped-around button foot ❶ to the ordinary button clamp jaw levers using screw ❷ and guide pin screw ❸.

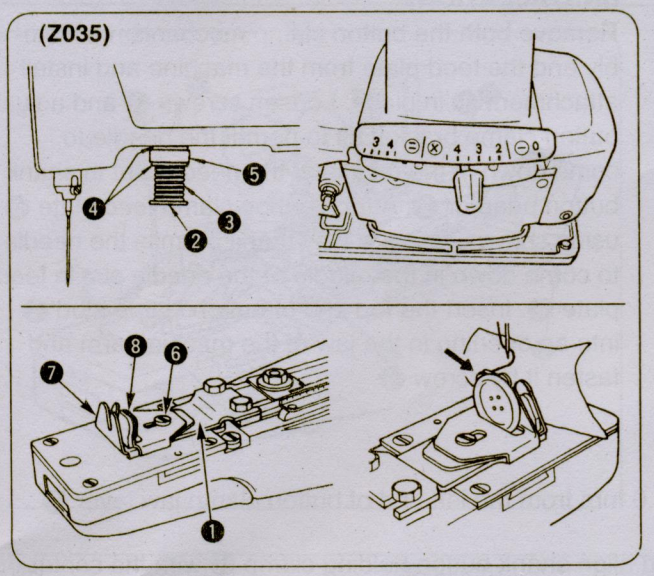
Align foot ❶ with the jaw levers so that they permit a button to rest in the middle.

(ADJUSTMENT AND OPERATION)

Adjustment and operation are almost same as those for the flat buttons, but you must adjust the thread pull-off lever to provide more amount of thread in order to make the thread loose below the button for thread shank formation. (**refer to "3-2. Adjustment of the thread pull-off lever", p.4**)

(3) Attachment for the second process of wrapped-around buttons (Z035)

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.



(INSTALLATION)

Remove the button clamp mechanism assembly, button clamp pressure adjusting bar and feed plate from the machine and install attachment for the second process of wrapped-around buttons ❶. When you install a Z035 attachment, you must remove also the L-shaped lifting rod.

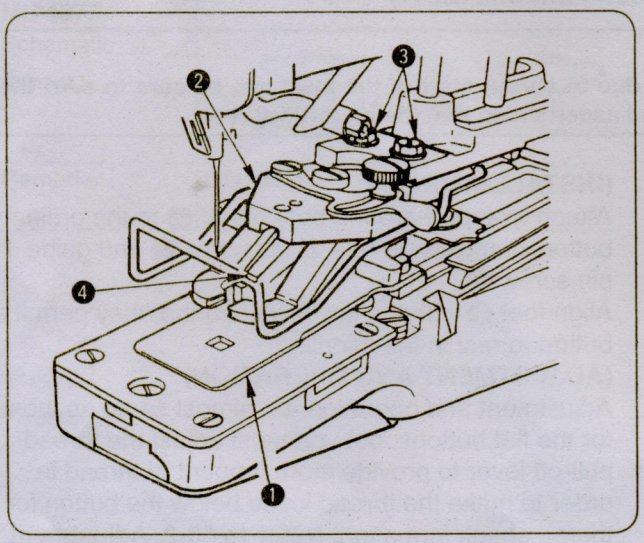
Insert moving knife push-back spring ❸, washer ❹, cushion ❺ and washer ❹ in spring guide shaft ❷ in this order. Make certain that the stop-motion mechanism has completely engaged, and install the attachment assembly in place in the way that cushion ❺ comes in close contact with the surface of the machine arm without play.

(ADJUSTMENT AND OPERATION)

1) Loosen screw ❻ and adjust the thread shank length by moving guide (large) ❼ and guide (small) ❽ in line with the point of needle entry.
2) Set a button (tilt it slightly for easy insertion) and pass the thread as the arrow shows.
3) Set the lengthwise feed to "0".

(4) Attachment for snaps (Z037)

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.

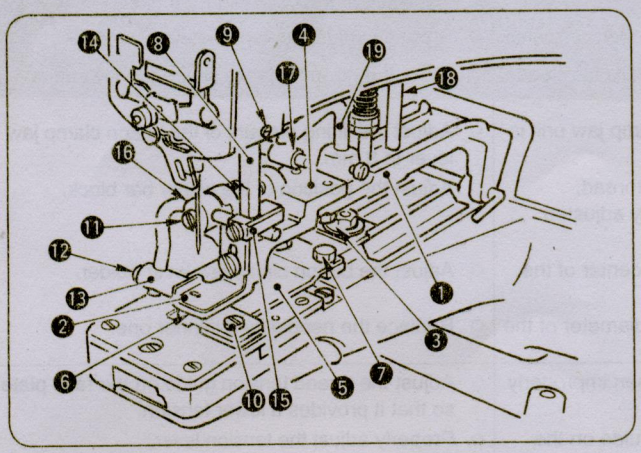


(INSTALLATION)

Remove the button clamp mechanism assembly and the feed plate. Set both the crosswise feed and lengthwise feed graduated plates to "4 mm". Install snap clamp feed plate ❶ in the way that the needle drops evenly at four corners of its square opening. Install snap attachment assembly ❷ on the machine, place a snap on the snap clamp jaw levers and make sure that the needle drops accurately in each hole in the snap. If necessary. loosen hex head screws ❸ and adjust the position accurately. Lastly, make sure that the concave section on the bottom face of snap clamp slide guide ❹ accurately matches the convex section on snap clamp feed plate ❶.

(5) Attachment for metal buttons (Z038)

WARNING :
To protect against possible personal injury due to abrupt start of the machine, be sure to start the following work after turning the power off and ascertaining that the motor is at rest.



(INSTALLATION)

Remove both the button clamp mechanism assembly and the feed plate from the machine and install attachment ❶ in place. Loosen screws ❸ and adjust button clamp bracket ❹ to permit the needle to come down in the middle of the needle slot in metal button adaptor ❷. Attach button clamp feed plate ❺ using screws ❼ in the way that it permits the needle to come down in the middle of the needle slot in feed plate ❻. Insert the top end of button clamp stud ❽ into an opening in the jaw of the machine arm and fasten it by screw ❾.

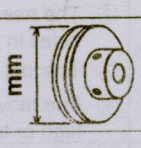
(ADJUSTMENT AND OPERATION)

1) Loosen screw ❿, let feed plate ❻ recede 1.0 to 1.5 mm from the left end of button clamp jaw lever ❷ and retighten screw ❿.
2) Set a button in place, loosen screws ⓫ and ⓬ and align metal button holding clamp ⓭ with the center of the button.
3) Metal button holding clamp ⓭ must give proper pressure to the button so that the button stays steadily in position while being sewn. Loosen a setscrew in thrust collar ⓮ and rotate the thrust collar until metal button holding clamp ⓭ provides proper pressure.
4) You may fix button clamp block ⓯ in a convenient position for operation.

Caution
1. **When you fix the thrust collar, ensure that button clamp rotating shaft ⓰ does not play axially in its bracket.**
2. **Adjust lifting hook ⓳ and stopper pin ⓲ so that L-shaped liting rod roller ⓱ does not come in contact with button clamp bracket ❹.**

4-4. Motor pulley and belt

1) For this machine a single-phase or 3-phase 200 watts (1/4 HP) induction motor is used.
2) Use a V belt.
3) The sewing speed depends on the diameter of the motor pulley as listed below ;

Hz	rpm	Motor pulley part No.	mm 
50	1500	40038291	ø 76
	1300	40038298	ø 64.5
60	1500	40038298	ø 64.5
	1300	40042229	ø 57

★ The pulley of 50Hz and 1,300 rpm is in common with that of 60Hz and 1,500 rpm.
★ The rotating direction of motor is counterclockwise when viewed from the motor pulley side. Be careful not to rotate in reverse direction.
★ When replacing the motor pulley and changing the sewing speed from 1,300 rpm to 1,500 rpm and vice versa, be sure to re-adjust the position of the stop-motion. (Refer to **"Adjusting the position of the stop-motion", p.8.**)

5. TROUBLES AND CORRECTIVE MEASURES

TROUBLES	CAUSES	CORRECTIVE MEASURES
1. Thread breakage	① The yoke slide does not move in the correct way.	○ Adjust the timing of forward, backward and sideways of the yoke slide.
	② The tension lever has been improperly adjusted.	○ Properly adjust the tension lever.
	③ The thread tension post No. 2 fails to release the thread at correct timing.	○ Make the thread release timing slightly earlier.
	④ Lifting amount of the button clamp jaw unit is excessive.	○ Adjust the lifting amount of the button clamp jaw lever to 8 mm.
	⑤ The thread nipper catches the thread. The nipper has been improperly adjusted. (The clearance is too small.)	○ Adjust the position of the nipper bar block.
	⑥ The needle does not enter the center of the holes in the button.	○ Adjust the button clamp jaw lever holder.
	⑦ The needle is too thick for the diameter of the hole in the button.	○ Replace the needle by a thinner one.
2. The machine forms a seam after it has run for a while instead of forming it from the start of sewing.	① The thread pull-off lever has been improperly adjusted.	○ Adjust the thread tension guide on the face plate so that it provides a lower tension.
	② Tension of the thread tension guide on the face plate is excessive.	○ Properly adjust the tension lever.
3. Buttons are not sewn tightly	① The yoke slide does not move in the correct way.	○ Adjust the timing of the motion of the yoke slide at each end.
	② The thread tension post No. 2 fails to release the thread at correct timing.	○ Make the thread release timing slightly later.
	③ The thread tension post No. 2 does not give sufficient tension.	○ Tighten the tension nut of tension post No. 2.
	④ The needle does not enter the center of the holes in the button.	○ Adjust the button clamp jaw lever holder.
	⑤ The work pressing force is too high or too low.	○ Adjust the work pressing force properly.
4. The last back-tack stitch is poorly tensed.	① The tension lever has been improperly adjusted.	○ Properly adjust the tension lever.
	② Timing of the knot-tying plate is incorrect.	○ Advance the timing of the knot-tying plate. (Adjustment of the knot-tying notch)
	③ The nipper has been improperly adjusted. (The clearance is too large.)	○ Adjust the nipper with the nipper bar block.
5. The first stitch trails relatively long thread from the right side of the button.	The thread pull-off lever does not work properly.	○ Adjust the thread pull-off lever by the nipper bar block (rear).
6. Thread trimming failure in the state of stop-motion	① The thread tension post No. 2 fails to release the thread at correct timing.	○ Make the thread release timing slightly later to give more tension to the stitches.
	② The needle hits the edge of the holes in the button.	○ Adjust the button clamp jaw lever holder.
	③ The thread nipper fails to press the thread.	○ Adjust the nipper bar block.
	④ The work pressing force is too high.	○ Adjust the work pressing force by the pressure adjusting nut.
7. Thread trimming failure	① The moving knife does not separate the thread on the fabric with its separation nail.	○ Adjust the position of the moving knife.
	② The needle does not enter the center of the holes in the button.	○ Adjust the button clamp jaw lever holders.
	③ The last stitch skips.	○ Adjust the looper.
	④ The moving knife thread separation nail is too high or too low.	○ Adjust the height of the moving knife thread separation nail.
8. The needle thread is cut in two places on the wrong side of the fabric.	① The moving knife is set in wrong place.	○ Adjust the position of the moving knife when the machine is in the stop-motion state.
	② The moving knife thread separation nail is too high or too low.	○ Adjust the height of the thread separation nail.
9. Button trails too long thread after thread trimming.	① Timing of the moving knife motion is wrong.	○ Adjust the position of the moving knife. when the machine is in the stop-motion state.
	② Lifting amount of the button clamp jaw unit is excessive.	○ Adjust the lifting amount of the button clamp jaw lever to 8 mm.
10. Length of thread remaining, after thread trimming, on the wrong side of the material varies.	① Position of the moving knife is not correct.	○ Adjust the position of the moving knife when the machine completes stop-motion. (10 to 11 mm)
	② Lifting amount of the button clamp jaw unit is excessive.	○ Adjust the lifting amount of the button clamp jaw lever to 8 mm.

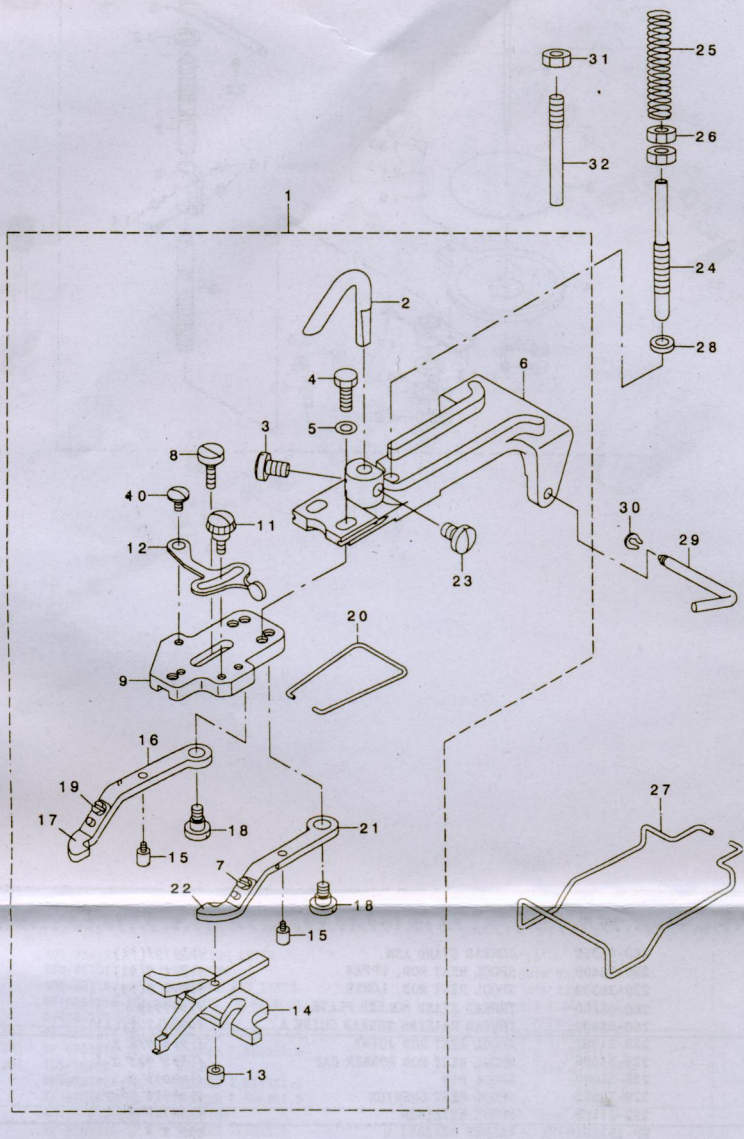
Single Thread, Chainstitch Button Attaching Machine
高速単糸環縫ボタン付ミシン

1373
1377

PARTS LIST

1. BUTTON CLAMP MECHANISM COMPONENTS

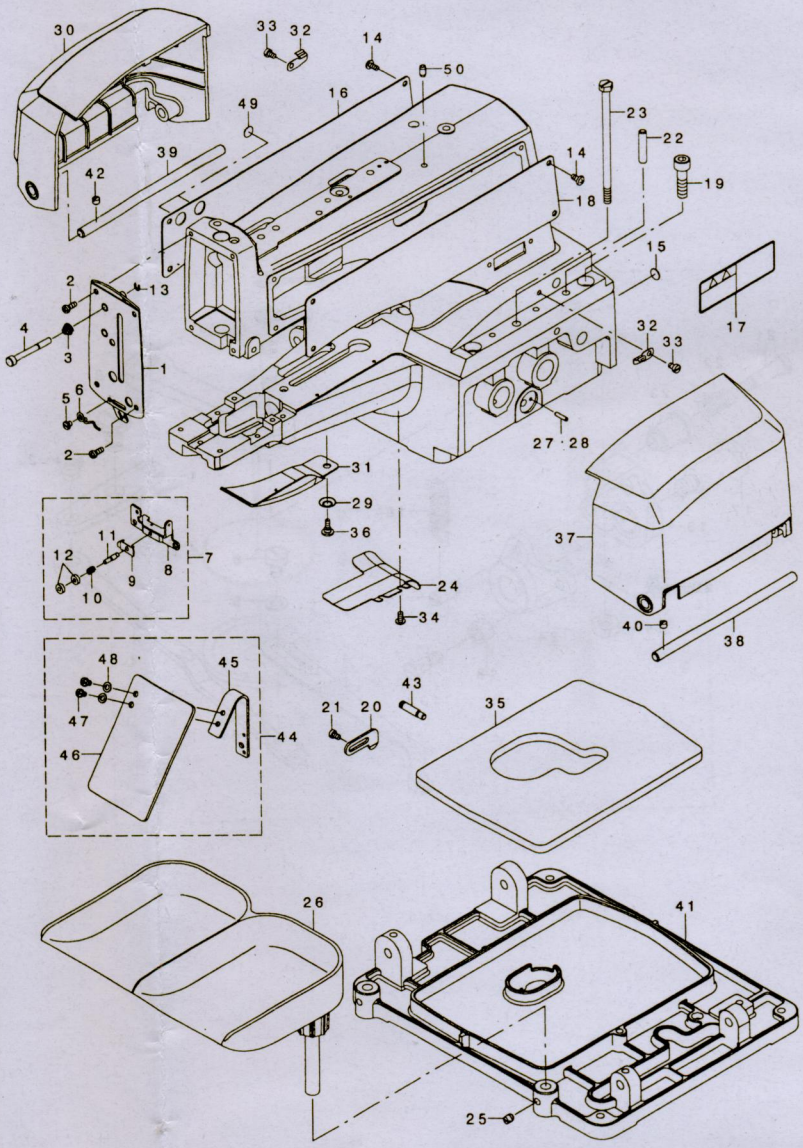
ボタンつまみ関係



REF. NO	NOTE	PART NO.	D E S C R I P T I O N	ヒ ン メ イ	Qty
1		260-26856	PICK-UP DEVICE ASM.	ﾂﾏﾐｿｳﾁ(ｸﾐｺﾞｳ)	1
2		400-41058	BUTTON CLAMP LIFTING HOOK	ﾂﾏﾐｿｳﾁﾋｷｱｹﾞﾌｯｸ	(1)
3		SS-7150940-SP	SCREW 15/64-28 L=9	ﾏﾙﾋﾗﾈｼﾞ 15/64-28 L=9	(1)
4		SS-9621413-SP	SCREW 3/16-32 L=13.5	ﾛｯｸｶｸﾎﾞﾙﾄ 3/16-32 L=13.5	(2)
5		WP-0501016-SD	WASHER 5X10.5X1	ﾋﾗﾜﾞｶﾞﾈ 5X10.5X1	(2)
6		260-25502	BUTTON CLAMP HOLDER	ﾂﾏﾐｿｳﾁﾄﾘｹﾀﾞｲ	(1)
7		SS-7090410-SP	SCREW 9/64-40 L= 3.5	ﾏﾙﾋﾗﾈｼﾞ 9/64-40 L=3.5	(1)
8		SD-0550301-SP	HINGE SCREW D=5.5 H=3	ﾀﾞﾝﾈｼﾞ D=5.5 H=3	(1)
9		260-25403	JAW LEVER HOLDER	ﾎﾞﾀﾝﾂﾏﾐｱｼﾄﾘｹﾀﾞｲ	(1)
10		SD-0550181-SP	HINGE SCREW D= 5.50 H= 1.8	ﾀﾞﾝﾈｼﾞ D=5.5 H=1.8	(1)
11		260-25809	CLAMP SCREW A	ﾋﾗｷﾚﾊﾞｰﾄﾒﾈｼﾞ(A)	(1)
12		260-25700	SNAP FASTENER CLAMP STOP LEVER	ﾂﾏﾐｱｼﾋﾗｷﾚﾊﾞｰ	(1)
13		260-26005	NUT	ﾎﾞﾀﾝｶﾞｲﾄﾞｱｼﾄﾒﾈｼﾞ(B)	(1)
14		260-25908	BUTTON CLAMP SLIDE	ﾎﾞﾀﾝｶﾞｲﾄﾞｱｼ	(1)
15		260-26609	BUTTON CLAMP STOP PIN	ﾂﾏﾐｱｼﾋﾗｷﾋﾟﾝ	(2)
16		260-26104	BUTTON CLAMP LEVER JAW (LEFT)	ｼｮｳﾎﾞﾀﾝﾖｳﾎﾞﾀﾝﾂﾏﾐｱｼ ﾋﾀﾞﾘ	(1)
17		260-26203	BUTTON HOLDING SPRING, LEFT	ｼｮｳﾎﾞﾀﾝﾖｳﾎﾞﾀﾝﾂﾏﾐｲﾀﾊﾞﾈ(ﾋ	(1)
18		SD-0640391-TP	HINGE SCREW D= 6.35 H= 3.9	ﾀﾞﾝﾈｼﾞ D=6.35 H=3.9	(2)
19		SS-7090410-SP	SCREW 9/64-40 L= 3.5	ﾏﾙﾋﾗﾈｼﾞ 9/64-40 L=3.5	(1)
20		260-26708	BUTTON CLAMP SPRING	ﾎﾞﾀﾝﾂﾏﾐｱｼﾊﾞﾈ	(1)
21		260-26302	BUTTON CLAMP LEVER JAW RIGHT	ｼｮｳﾎﾞﾀﾝﾖｳﾎﾞﾀﾝﾂﾏﾐｱｼ(ﾐｷﾞ)	(1)
22		260-26401	BUTTON HOLDING SPRING, RIGHT	ｼｮｳﾎﾞﾀﾝﾖｳﾎﾞﾀﾝﾂﾏﾐｲﾀﾊﾞﾈ(ﾐ	(1)
23		SS-7150940-SP	SCREW 15/64-28 L=9	ﾏﾙﾋﾗﾈｼﾞ 15/64-28 L=9	(1)
24		400-40938	BUTTON_CLAMP_PRESSURE_ADJUSTIN	ｵｻｴﾌﾂﾘｮｸﾁｮｳｾﾂﾎﾞｳ	1
25		260-27102	PRESSURE ADJUSTING SPRING	ｵｻｴﾁｮｳｾﾂﾊﾞﾈ	1
26		NM-6060001-CP	NUT M6	ﾛｯｸｶﾅｯﾄ M6	2
27		260-27409	FINGER GUARD	ﾕﾋﾞｶﾞｰﾄﾞ	1
28		400-41069	SPRING_HOLDING_PLATE...	ﾊﾞﾈｳｹｲﾀ	1
29		260-25205	HINGE PIN	ﾂﾏﾐｿｳﾁﾄﾘﾂｹｼﾞｸ	1
30		B2541-372-000	SNAP RING	ﾂﾏﾐｿｰﾁ ﾄﾘﾂｹｼﾞｸ ﾄﾒﾜ	1
31		NM-6060001-CP	NUT M6	ﾛｯｸｶﾅｯﾄ M6	1
32		400-40937	PICK_UP_DEVICE_STOPPER_PIN	ﾂﾏﾐｿｳﾁｽﾄｯﾊﾟﾋﾟﾝ	1

2. ARM & MISCELLANEOUS COVERS COMPONENTS

アームベッド関係

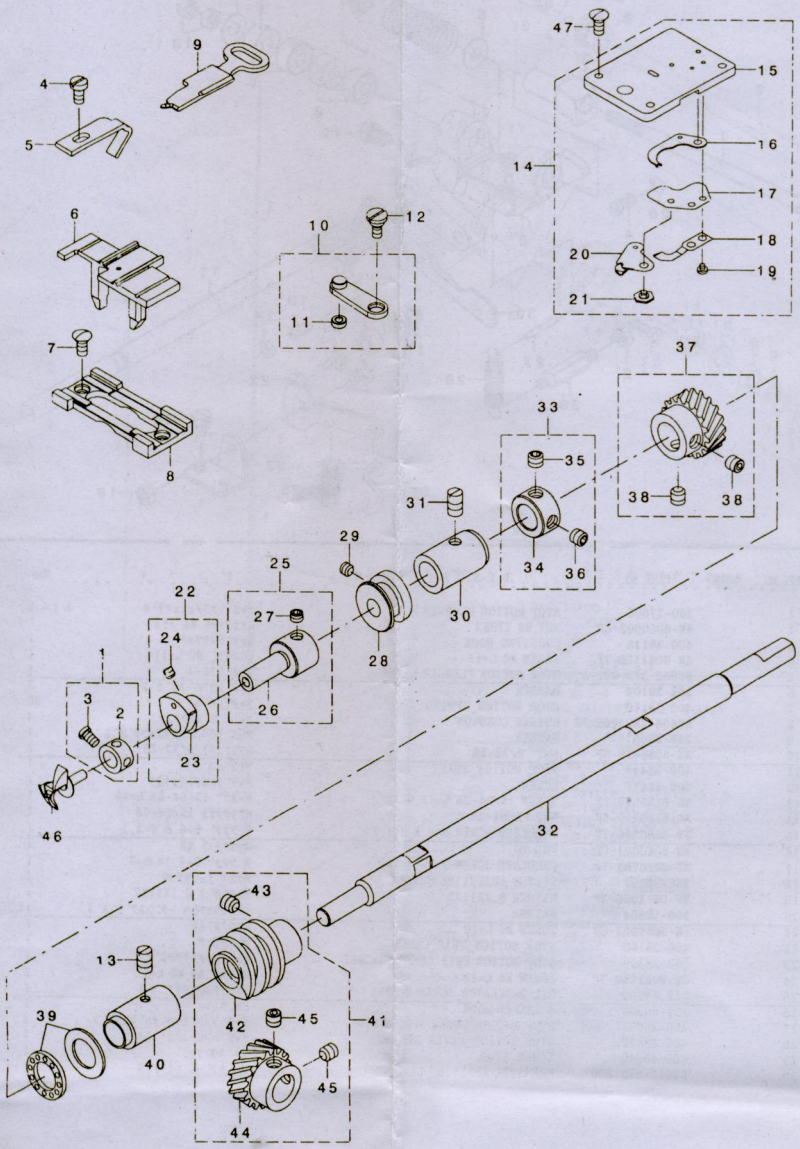


REF. NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		400-38426	FACE_PLATE_COMPL.	メンイタクブゴ゛ウ	1
2		SM-4040855-SP	SCREW	ナベ゛ネジ゛	4
3		260-21600	TENSION SPRING	ニッパ゛ーイトユルメヒ゛ンバ゛ネ	1
4		260-32003	NIPPER RELEASING STUD	ニッパ゛ーイトユルメボ゛ウ	1
5		SM-6040650-T	SCREW	ヒラネジ゛ M4 L=6	1
6		260-31203	THREAD GUIDE NO.4	ダ゛イ4イトアンナイ	1
7		260-31351	THREAD TENSION NO.3 ASM.	ダ゛イ3イトチョウウ(クミ)	1
8		260-31302	TENSION ADJUSTING BASE NO.3	ダ゛イ3イトチョウウトリツケダ゛イ	(1)
9		260-31401	THREAD PRESSER PLATE	ハリイトオサエイタ	(1)
10		260-31500	TENSION SPRING 5	ハリイトチョウウンバ゛ネB	(1)
11		260-31609	THREAD TENSION STUD	ダ゛イ3イトチョウウスタッド゛	(1)
12		260-31708	THREAD TENSION NUT	ダ゛イ3イトチョウウグマミ	(2)
13		RE-0320000-K0	E-RING 3.2	Eカ゛タトメワ 3.2	1
14		SM-4040855-SP	SCREW	ナベ゛ネジ゛	8
15		TA-2050406-R0	RUBBER PLUG	トメセン	1
16		400-40931	SIDE_COVER_RIGHT	ミギ゛ソクメンカバ゛ーカンセイ	1
17		CM-3013000-01	SAFETY LABEL	トウフ゛チュウイアンセ゛ンシール(ヨコ)	1
18		400-40932	SIDE_COVER_LEFT	ヒダ゛リソクメンカバ゛ーカンセイ	1
19		SM-6083042-CH	SCREW M8 L=30	ロサカクアナ゛ボルト M8 L=30	4
20		260-33704	STOPPER	イトムスヒ゛ウデ゛ストッバ゛ー	1
21		SM-6050800-SP	SCREW M5 L=8	ヒラネジ゛ M5 L=8	2
22		260-11205	GUIDE PIN	アームベ゛ットクブゴ゛ウカ゛イト゛ピン	2
23		400-38483	SET_SCREW	アームベ゛ットトリツケネジ゛	1
24		400-38431	BED_OIL_SHIELD	ベ゛ットヨケ゛ーバ゛ン	1
25		SM-8060610-TP	SCREW	トメネジ゛ M6 L=6	1
26		400-41022	BUTTON_TRAY_ASM.	ボ゛タンウケ゛ラミ	1
27	#01	260-22608	CAM INDICATING PIN A	オクリカムイチキメシ゛ンA	2
28	#01	260-22707	CAM INDICATING PIN B	オクリカムイチキメシ゛ンB	2
29		WS-0650389-KP	SPRING WASHER 6.5X14.0X17	バネ゛カ゛ネ 6.5X14X1.7	1
30		400-38425	SIDE_COVER_LEFT	ヒ゛ットカバ゛ーヒダリ	1
31		400-38430	LOOPER_COVER	ルーバ゛ーカバ゛ー	1
32		400-41067	SIDE_COVER_SPRING	ソクメンカバ゛ーバ゛ネ	2
33		SM-6040600-SP	SCREW M4 L=6	ヒラネジ゛ M4 L=6	2
34		SM-4040855-SP	SCREW	ナベ゛ネジ゛	2
35		400-38173	OIL_DRIP_FELT	キュウユフェルト	1
36		SD-0600277-TP	SHOULDER SCREW D=6 H=2.7	ダ゛ンネジ゛ D=6 H=2.7	1
37		400-38424	SIDE_COVER_RIGHT	ヒ゛ットカバ゛ーミキ゛	1
38		400-40936	SIDE_COVER_HINGE_SHAFT_RIGHT	ソクメンカバ゛ーシ゛クミキ゛	2
39		400-40935	SIDE_COVER_HINGE_SHAFT_LEFT	ソクメンカバ゛ーシ゛クヒダリ	1
40		SM-8060612-TP	SCREW M6 L=6	トメネジ゛ M6 L=6	1
41		400-38446	MACHINE_SUB_BASE	ベ゛ットトリツケダ゛イ	1
42		SM-8060612-TP	SCREW M6 L=6	トメネジ゛ M6 L=6	1
43		400-38471	SUSPENSION_SCREW_B	シタイトキリ チト゛ウイタ リンクバ゛ネカケB	1
44		400-54729	ASSY SAFETY PLATE	メネコ゛カバ゛ークミ	1
45		400-54730	SAFETY PLATE INSTALLING BASE	メネコ゛カバ゛ートリツケダ゛イ	(1)
46		260-37200	SAFETY PLATE	アンセ゛ンプ゛レート	(1)
47		SM-4040655-SP	SCREW M4 L=6	ナベ゛コネジ゛ M4 L=6	(2)
48		WP-0430800-SD	WASHER M4	ヒラチ゛カ゛ネ コカ゛タマル M4	(2)
49		TA-1250406-R0	RUBBER PLUG D=12.5 L=4	トメセン D=12.5 L=4	2
50		PS-0500102-KH	SPRING PIN 5.0X10	スプ゛リング゛ピン 5X10	1

NOTE(注記)　#01....SELECTIVE PARTS　選択部品

3. LOOPER SHAFT MECHANISM COMPONENTS

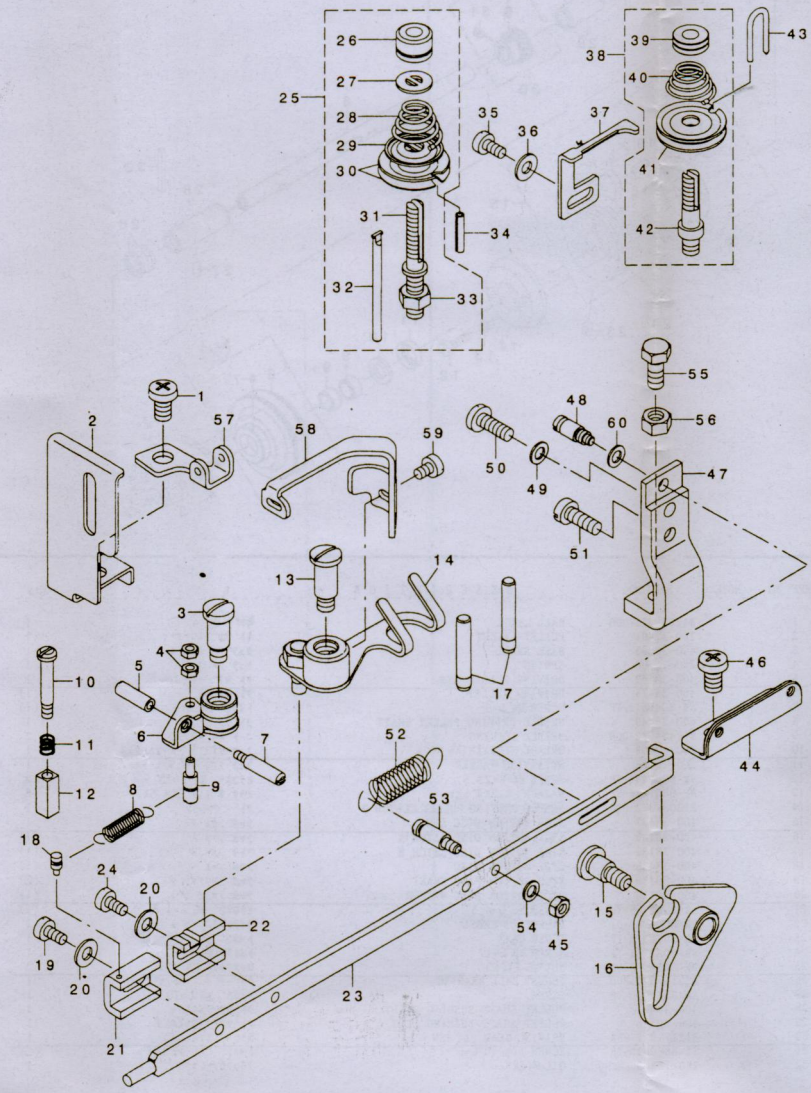
ルーパー軸関係



REF. NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		CS-079072A-TH	THRUST COLLAR ASM.	スラストウケ クミ	1
2		CS-0790721-TH	THRUST COLLAR D=7.94 W=7	スラストウケ D=7.94 W=7	(1)
3		SS-7090620-TP	SCREW 9/64-40 L=6.1	マルヒラネジ 9/64-40 L=6.1	(1)
4		SM-6040800-SP	SCREW	ヒラネジ	1
5		400-38484	NEEDLE GUARD	ハリガイド	1
6		260-13607	POSITIONING FINGER YOKE SLIDE	イトヨセチエ	1
7		SM-1040950-TP	SCREW M4 L=9	チラコネジ M4 L=9	2
8		260-13409	YOKE SLIDE INSERT	イトヨセチエダイ	1
9		260-13805	YOKE SLIDE	イトヨセ	1
10		400-38400	ASSY LOOP POSITIONING FINGER L	イトヨセゾンゴウデクミ	1
11		400-38403	LOOP POSITIONING FINGER CAM RO	イトヨセカムコロ	(1)
12		SD-0640246-SP	HINGE SCREW D=6.35 H=2.4	ダンネジ D=6.35 H=2.4	1
13		SM-8061010-TP	SCREW	トメネジ M6 L=10	1
14		B1241-377-0B0	THROAT PLATE SET	ハリイタ(クミ)	1
15		B1241-377-0A0	THROAT PLATE ASM.	ハリイタ(クミゴウ)	(1)
16		B2703-377-0A0	THREAD BIND PLATE ASM.	イトムスビイタ(クミゴウ)	(1)
17		B2702-377-000	THREAD BIND SUPPORT PLATE	イトムスビチエイタ	(1)
18		B2410-373-000	COUNTER KNIFE	コテイメス	(1)
19		SS-7080310-SP	SCREW 1/8-44 L= 3.0	マルヒラネジ 1/8-44 L=3	(2)
20		B2406-373-0A0	MOVING KNIFE ASM.	トメス クミ	(1)
21		SD-0600095-TH	HINGE SCREW D= 6 H= 0.85	ダンネジ D=6 H=0.85	(1)
22		400-41106	ASSY LOOP POSITIONING FINGER C	イトヨセサンカクカムクミ	1
23		260-03103	LOOP POSITIONING FINGER CAM	イトヨセサンカクカム	(1)
24		SS-8110410-TP	SCREW 11/64-40 L= 3.5	トメネジ 11/64-40 L=3.5	(2)
25		400-38482	ASSY CAM AND LOOPER SLEEVE	ルーパートリヅケジククミ	1
26		260-15503	CAM AND LOOPER SLEEVE	ルーパートリヅケジク	(1)
27		SS-8150410-TP	SCREW 15/64-28 L= 4.0	トメネジ 15/64-28 L=4	(2)
28		B1228-372-000	LOOP POSITIONING FINGER CAM RE	イトヨセカム	1
29		SS-8110310-SP	SCREW 11/64-40 L= 2.8	トメネジ 11/64-40 L=2.8	2
30		260-15305	LOOPER SHAFT BUSHING FRONT	ルーパージクマエメタル	1
31		SM-8061010-TP	SCREW	トメネジ M6 L=10	1
32		400-38111	LOOPER SHAFT	ルーパージク	1
33		CS-111101K-SH	THRUST COLLAR ASM. D=11.11 W=1	スラストウケ D=11.11 W=10クミ	1
34		CS-1111019-SH	THRUST COLLAR D=11.11 W=10	スラストウケ D=11.11 W=10	(1)
35		SS-8660512-TP	SCREW 1/4-40 L=5	トメネジ 1/4-40 L=5	(1)
36		SS-8660512-TP	SCREW 1/4-40 L=5	トメネジ 1/4-40 L=5	(1)
37		B1224-372-0A0	LOOPER SHAFT DRIVEN GEAR ASM.	ネジハグルマ B クミ	1
38		SS-8660612-TP	SCREW 1/4-40 L=6	トメネジ 1/4-40 L=6	(2)
39		B1215-372-A00	THRUST BALL BEARING	ルーパージク スラスト ベアリング	1
40		260-13102	LOOPER SHAFT BUSHING REAR	ルーパージクウシロメタル	1
41		B1221-373-NA0	WORM WHEEL ASM.	ウオームハグルマ クミ	1
42		B1221-373-N00	WORM	ウオーム	(1)
43		SS-6660712-TP	SCREW 1/4-40 L= 7.0	ヒラネジ 1/4-40 L=7	(2)
44		B1220-372-000	CAM SHAFT DRIVEN GEAR	ウオームハグルマ	(1)
45		SS-8660612-TP	SCREW 1/4-40 L=6	トメネジ 1/4-40 L=6	(2)
46		B1239-372-000	LOOPER	ルーパ	1
47		SM-1040950-TP	SCREW M4 L=9	チラコネジ M4 L=9	3

4. NIPPER & THREAD TENSION PARTS COMPONENTS

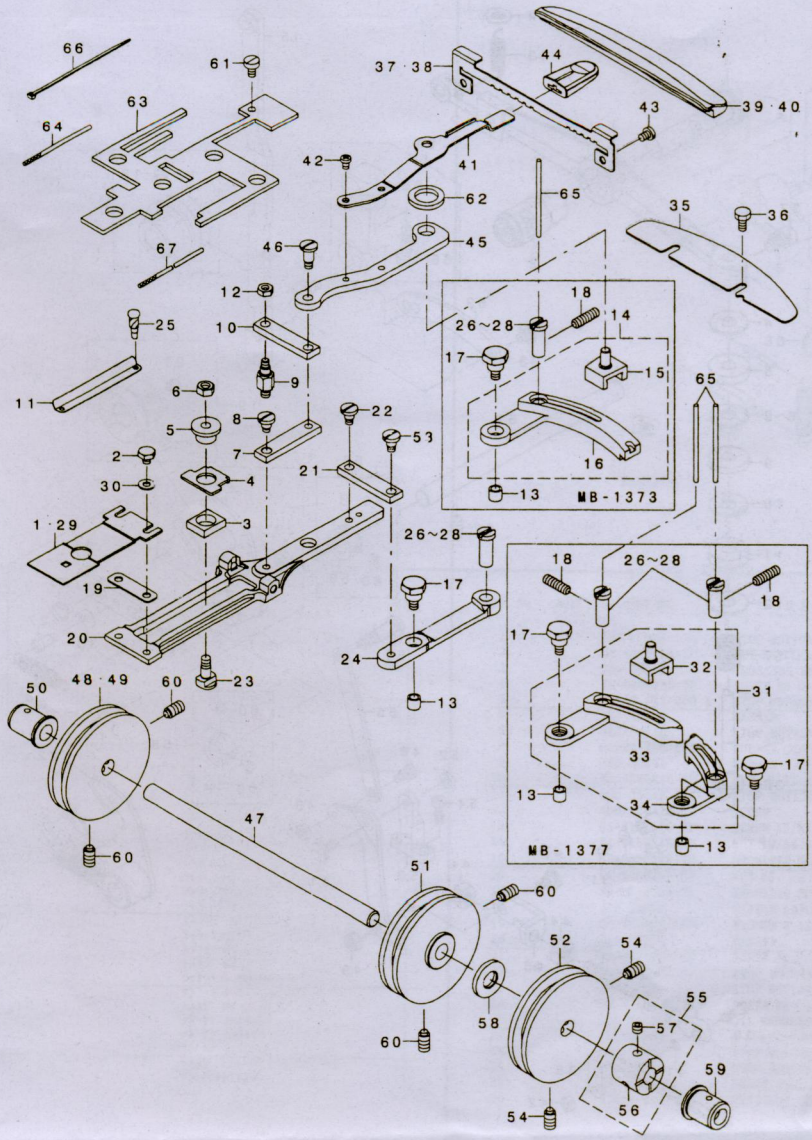
糸調子、ニッパー関係



REF NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		SM-4061255-SP	SCREW M6 L=12	ﾅﾍﾞﾈｼﾞ M6 L=12	1
2		400-38205	NEEDLE_BAR_GUARD	ﾊﾘﾎﾞｳｶﾊﾞｰ	1
3		SD-0791276-TP	SHOULDER SCREW	ﾀﾞﾝﾈｼﾞ D=7.94 H=12.7	1
4		NM-6030001-SN	NUT	ﾛｯｶｸﾅｯﾄ	2
5		260-20602	NUT	ﾆｯﾊﾟｰｲﾄﾕﾙﾒﾋﾞﾝﾅｯﾄ	1
6		260-00950	NIPPER COMPL.	ﾆｯﾊﾟｰ(ｸﾐｺﾞｳ)	1
7		260-20503	LOOPER SHAFT BUSHING REAR	ﾆｯﾊﾟｰｲﾄﾕﾙﾒﾋﾞﾝ	1
8		400-41077	NIPPER_BAR_BLOCK_SPRING	ﾆｯﾊﾟｰﾋｯﾊﾟｰﾘﾊﾟｰﾈ	1
9		400-38492	NIPPER_BAR_BLOCK_SPRING_SCREW	ﾆｯﾊﾟｰﾋｯﾊﾟｰﾘﾊﾟｰﾈｼﾞｸ	1
10		SD-0402001-TP	HINGE SCREW D=4 H=20	ﾀﾞﾝﾈｼﾞ D=4 H=20	1
11		260-20404	NIPPER SLIDE BLOCK SPRING	ﾆｯﾊﾟｰｶｸｺﾞﾏﾊﾟｰﾈ	1
12		260-20305	NIPPER BLOCK	ﾆｯﾊﾟｰｶｸｺﾞﾏ	1
13		SD-0791506-TP	SHOULDER SCREW D=7.94 H=15	ﾀﾞﾝﾈｼﾞ D=7.94 H=15	1
14		400-38476	THREAD_PULL_OFF_LEVER_ASM	ｲﾄﾁｮｳｾﾂﾚﾊﾞｰｸﾐ	1
15		SD-0790806-TP	SHOULDER SCREW D=7.94 H=8	ﾀﾞﾝﾈｼﾞ D=7.94 H=8	1
16		260-00455	NIPPER BAR ACTUATING LEVER ASM	ﾁﾝｶｸｲﾀ(ｸﾐｺﾞｳ)	1
17		260-20206	THREAD GUIDE PIN	ｲﾄｱﾝﾅｲﾎﾞｳ	2
18		260-19406	NIPPER BAR BLOCK SPRING PIN	ﾆｯﾊﾟｰﾋｯﾊﾟｰﾘﾊﾟｰﾈﾋﾟﾝ	1
19		SM-6040800-SP	SCREW	ﾋﾗﾈｼﾞ	1
20		WP-0450801-SP	WASHER	ﾋﾗﾜﾞｶﾞﾈ	2
21		260-19307	NIPPER BAR BLOCK	ﾆｯﾊﾟｰﾖｳﾄﾞｳｺﾏ	1
22		260-19208	TENSION LEVER ROCKING PIECE	ｲﾄﾁｮｳｼﾚﾊﾞｰﾖｳﾄﾞｳｺﾏ	1
23		400-38479	NIPPER_BAR	ｲﾄﾁｮｳｼﾁｮｳﾋﾟｶﾝ	1
24		SM-6040800-SP	SCREW	ﾋﾗﾈｼﾞ	1
25		400-38208	TENSION_POST_ASM_NO.2	ﾀﾞｲﾆｲﾄﾁｮｳｼ_ｸﾐ	1
26		400-38214	TENSION_NUT	ｲﾄﾁｮｳｼﾅｯﾄ	(1)
27		229-21407	ROTATION STOPPER	ｲﾄﾁｮｳｼﾞﾗｶｲﾃﾝﾄﾒ	(1)
28		260-19901	THREAD TENSION SPRING	ﾀﾞｲ2ｲﾄﾁｮｳｼﾊﾞﾈ	(1)
29		260-20107	THREAD TENSION DISK PRESSER	ｲﾄﾁｮｳｼｻﾗｵｻｴ	(1)
30		260-05207	THREAD TENSION_DISK_NO.1	ﾀﾞｲ1ｲﾄﾁｮｳｼﾞﾗ	(2)
31		400-38210	TENSION_POST_NO.2	ﾀﾞｲﾆｲﾄﾁｮｳｼﾎﾞｳ	(1)
32		260-19802	TENSION_RELEASE_PIN	ﾁｮｳｼｻﾗｳｶｼﾎﾞｳ	(1)
33		NM-6060001-CP	NUT M6	ﾛｯｶｸﾅｯﾄ M6	(1)
34		PS-0300162-KH	SPRING PIN 3X16	ｽﾌﾟﾘﾝｸﾞﾋﾟﾝ 3X16	1
35		SM-6040800-SP	SCREW	ﾋﾗﾈｼﾞ	1
36		WP-0450801-SP	WASHER	ﾋﾗﾜﾞｶﾞﾈ	1
37		260-19109	THREAD TENSION RELEASING LEVER	ﾁｮｳｼｻﾗｳｶｲﾀ	1
38		400-38404	ASSY_THREAD_TENSION_NO.1	ﾀﾞｲｲﾁｲﾄﾁｮｳｼｸﾐ	1
39		400-38408	THREAD_TENSION_NUT	ｲﾄﾁｮｳｼﾅｯﾄ	(1)
40		260-05306	FIRST THREAD TENSION SPRING	ﾀﾞｲ1ｲﾄﾁｮｳｼﾊﾞﾈ	(1)
41		260-05207	THREAD TENSION_DISK_NO.1	ﾀﾞｲ1ｲﾄﾁｮｳｼﾞﾗ	(2)
42		400-38405	THREAD_TENSION_POST_NO.1	ﾀﾞｲｲﾁｲﾄﾁｮｳｼﾎﾞｳ	(1)
43		260-19505	THREAD GUIDE	ﾀﾞｲ1ｲﾄﾁｮｳｼｻﾗｱﾝﾅｲﾎﾞｳ	1
44		260-21402	THREAD GUIDE NO.1	ﾀﾞｲ1ｲﾄｱﾝﾅｲ	1
45		NM-6040002-SN	NUT M4	ﾛｯｶｸﾅｯﾄ M4X0.7 2ｼｭ	1
46		SM-4061255-SP	SCREW M6 L=12	ﾅﾍﾞﾈｼﾞ M6 L=12	1
47		400-38396	NIPPER_BAR_BEARING_BLOCK	ｲﾄﾁｮｳｼﾁｮｳｾｶﾝｱﾝﾅｲﾀﾞｲ	1
48		400-38206	ADJUSTING_SCREW	ｲﾄﾁｮｳｼﾁｮｳｾｶﾝｱﾝﾅｲｼﾞｸ	1
49		WP-0550800-SP	WASHER 5.5X10X0.8	ﾋﾗﾜﾞｶﾞﾈ 5.5X10X0.8	1
50		SM-7051460-TP	SCREW M5 L=14	ﾏﾙﾋﾗﾆﾅﾍﾞ M5 L=14	1
51		SM-6051400-SP	SCREW	ﾋﾗﾈｼﾞ	1
52		260-19000	THREAD TENSION SPRING	ｲﾄﾁｮｳｼﾁｮｳｾｶﾝﾋｯﾊﾟｰﾘﾊﾟｰﾈ	1
53		400-38207	NIPPER_BAR_SPRING_SCREW	ｲﾄﾁｮｳｼﾁｮｳｾｶﾝﾋｯﾊﾟｰﾘﾊﾟｰﾈｶ	1
54		WP-0450846-SP	WASHER	ﾋﾗﾜﾞｶﾞﾈ	1
55		SM-9061403-CP	SCREW M6 L=14	ﾛｯｶｸﾎﾞﾙﾄ	1
56		NM-6060001-SE	NUT M6	ﾛｯｶｸﾅｯﾄ M6 1ｼｭ	1
57		260-21105	THREAD GUIDE	ｲﾄﾁｮｳｾｲﾄｱﾝﾅｲ	1
58		400-38320	LEVER	ｲﾄﾚﾊﾞｰ	1
59		SM-6040600-SP	SCREW M4 L=6	ﾋﾗﾈｼﾞ M4 L=6	1
60		WP-0501016-SD	WASHER 5X10.5X1	ﾋﾗﾜﾞｶﾞﾈ 5X10.5X1	1

5. FEED PLATE COMPONENTS

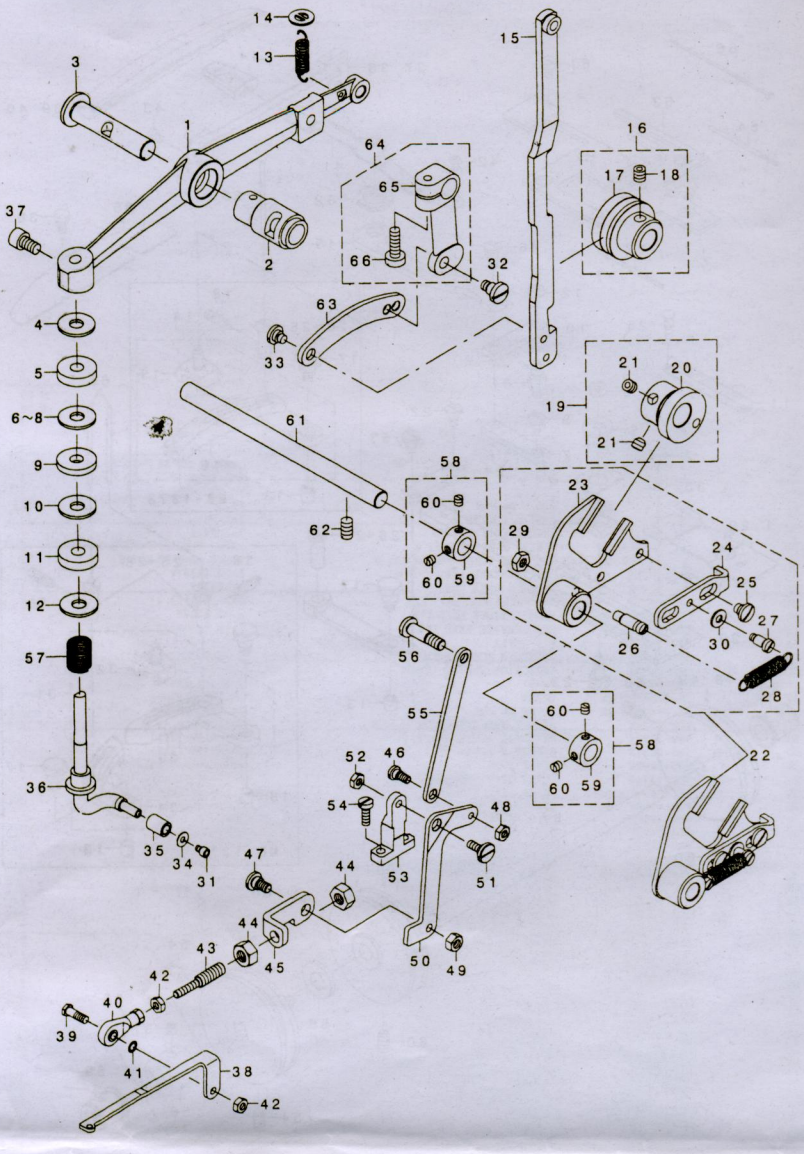
送り関係



REF. NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		B2529-373-000	FEED PLATE, SMALL BUTTON	ヌノオサエ ラタイタ (ラヨーボ゛タン)	1
2		SS-9120643-TP	SCREW 3/16-28 L=6	ロサカナボ゛ルト 3/16-28 L=6	2
3		260-24604	LNDICATOR PIN BEARING BLOCK	ヨコオクリラシング゛クコマ	1
4		260-24901	CROSSWISE FEED INDICATOR	ヨコオクリラシン	1
5		260-24703	CROSSWISE FEED INDICATOR PIN	ヨコオクリラシング゛ク	1
6		NM-6060001-CP	NUT M6	ロッカクナット M6	1
7		400-38498	SLIDE_PLATE_CONNECTING_LINK	オクリレンケツリンク	1
8		SD-0640481-SP	HINGE SCREW D= 6.35 H= 4.8	ダ゛ンネジ゛ D=6.35 H=4.8	1
9		400-38499	STUD	スタッド゛	1
10		260-24208	INTERMEDI CONNECTING LINK	オクリリンク	1
11		400-41052	CROSSWISE_FEED_GRADVATED_PLATE	ヨコオクリメモリイタ	1
12		NM-6050001-SP	NUT M5	ロサカクナト M5X0.8 ﾄﾘｭ	1
13		260-23200	CAM ROLL	オクリカムコロ	2
14		400-41030	LENGTHWISE_FEED_LEVER_ARM_A373	タテオクリレバ゛ーカミ1373	1
15		400-38439	LENGTHWISE_FEED_LEVER_SLIDE	タテオクリョウチョウセツコマ	(1)
16		400-41029	FEED_LEVER_1373	タテオクリレバ゛ー1373	(1)
17		400-38496	CAM_ROLL_SCREW_STUD	オクリカムコロタ゛ク	2
18		SW-8061212-TP	SCREW W6X12	トメネジ゛ M6 L=12	1
19		260-25106	SPACER PLATE	ヌノオサエラタイスペ゛ーサ	1
20		B2522-373-000-A	FEED PLATE	オクリタ゛イ	1
21		260-24208	INTERMEDI CONNECTING LINK	オクリリンク	1
22		SD-0640481-SP	HINGE SCREW D= 6.35 H= 4.8	ダ゛ンネジ゛ D=6.35 H=4.8	1
23		400-38221	HINGE_SCREW_FOR_CROSSWISE_FEED	ヨコオクリサエネジ゛	1
24		400-38453	CROSSWISE_FEED_LEVER	ヨコオクリレバ゛ー	1
25		B1161-227-000	RIVET	トメピ゛ヨー (ギ゛ンイロ)	2
26	#03	400-41055	FEED_STUD_A	オクリタ゛ムA	1
27	#03	400-41056	FEED_STUD_B	オクリタ゛ムB	1
28	#03	400-41057	FEED_STUD_C	オクリタ゛ムC	1
29		D2529-373-B00-A	FEED PLATE ,SMALLBUTTON	ヌノオサエラタイタ(チョウボ゛タン)	1
30		WP-0501016-SD	WASHER 5x10.5X1	ヒラオ゛ガネ 5X10.5X1	2
31	#01	400-38469	LENGTHWISE_FEED_LEVER_ARM	タテオクリレバ゛ーアタゴ゛ウズ゛ケンキヨウ	1
32		400-38439	LENGTHWISE_FEED_LEVER_SLIDE	タテオクリョウチョウセツコマ	(1)
33		400-38432	FEED_LEVER_L	タテオクリレバ゛ー	(1)
34		400-38433	FEED_LEVER_R	ヨコオクリレバ゛ー	(1)
35		400-41061	FEED_KNOB_GUIDE_PLATE	オクリチョウセツマミガ゛イト゛イタ	2
36		SW-9050813-SP	SCREW W5X0.8 L=8	ロサカナボ゛ルト W5X0.8 L=8	1
37	#02	400-42279	PLATE_BASE_(MB-1373)	タテオクリメモリイトヨウタ゛イ B	1
38	#01	400-38436	PLATE_BASE_(MB-1377)	タテオクリメモリハ゛ントヨウタ゛イ	1
39	#02	400-38313	GRADUATE_PLATE(MB-1373)	メモリイタ(MB-1373)	1
40	#01	400-38314	GRADUATE_PLATE(MB-1377)	メモリイタ(MB-1377)	1
41		400-42281	HANDLE_AND_INDICATOR_SPRING	オクリチョウセツレバ゛ー	1
42		SW-4040655-SP	SCREW M4 L=6	ナベ゛コネジ゛ M4 L=6	2
43		SW-4050855-SP	SCREW	ナベ゛ネジ゛ M5 L=8	2
44		400-38442	KNOB	タテオクリキリカエマミ	1
45		400-40965	INDICATOR_SPRING_CONNECTING_LI	タテオクリチョウセツレバ゛ータ゛イ	1
46		SD-0640976-TP	SHOULDER SCREW D=6.35 H=9.7	タ゛ンネジ゛ D=6.35 H=9.7	2
47		400-38444	CAM_SHAFT	カムシ゛ク	1
48		400-41032	LENGTHWAISE_FEED_CAM(X)	ヒ゛ンコ゛オクリカム(X)	1
49	#02	B2506-373-000-A	LONGITUDINAL FEED CAM	ヒ゛ンコ゛オクリカム	1
50		260-22509	CAM SHAFT BUSHING,LEFT	カムシ゛クメタル(ヒダリ)	1
51		400-41033	LATERAL_FEED_CAM	ヨコオクリカム	1
52	#01	400-41025	LONGITUDINAL_FEED_CAM_A	ヒ゛ンコ゛オクリカムA	1
53		SD-0640486-TP	SHOULDER SCREW D=6.35 H=4.8	ダ゛ンネジ゛ D=6.35 H=4.8	1
54	#01	SS-8681412-TP	SCREW 9/32-28 L=13.5	トメネジ゛ 9/32-28 L=13.5	2
55	#02	400-40964	THRUST_COLLAR_ASSY	スラストウケミ	1
56		400-40961	THRUST_COLLAR	スラストウケ	(1)
57		SW-8060552-TP	SCREW M6 L=5	トメネジ゛	(2)
58	#01	400-42081	SPACER	スペ゛ーサ	1
59		260-22400	CAM SHAFT BUSHING,RIGHT	カムシ゛クメタル(ミギ゛)	1
60		SS-8681412-TP	SCREW 9/32-28 L=13.5	トメネジ゛ 9/32-28 L=13.5	4
61		SW-6050800-SP	SCREW M5 L=8	ヒラネジ゛ M5 L=8	1
62		400-41045	OIL_RETAINING_FELT	アブラトメフェルト	1
63		400-41044	FEED_SHOULDER_SCREW_FELT	オクリダ゛ンネジ゛フェルト	1
64		CQ-2520000-00	OIL WICK	ユシン	0.06
65		CQ-3000000-F0	OIL FELT	ロソト゛フエルト	0.06
66		EA-9500801-00	CABLE BAND	ソクセンバンド゛	4
67		CQ-2520000-00	OIL WICK	ユシン	0.3
		NOTE (注記)	#01....FOR MB-1377 #02....FOR MB-1373 #03....SELECTIVE PARTS	MB-1377用 MB-1373用 選択部品	

6. BUTTON CLAMP LIFTER COMPONENTS

引き上げ関係

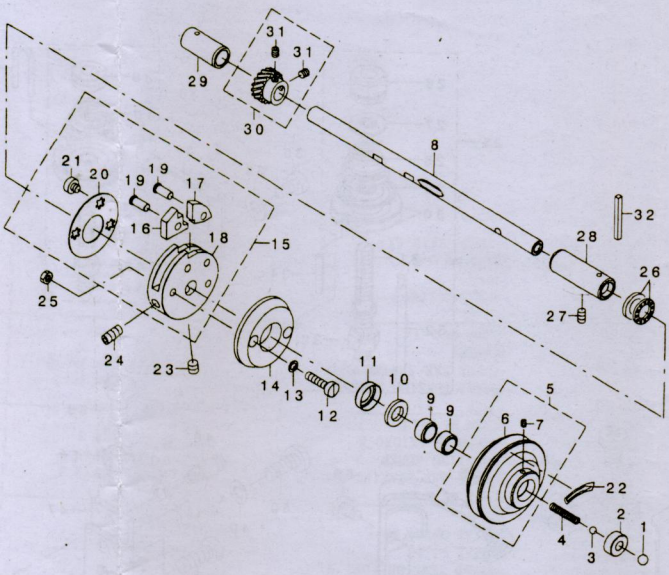


REF NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		400-38119	LIFTING_LEVER	ヒキアゲ゛レバ゛ー	1
2		260-18101	BUSHING	ハリョ゛ウヨウト゛ウカンケテンク゛クメタル	1
3		400-38116	NEEDLE_BAR_LEVER	ハリョ゛ウヨウト゛ウカンケテンク゛ク	1
4		WP-0851216-SC	WASHER 8.5X18.0X1.2	ヒラ゛カ゛ネ 8.5X18X1.2	1
5		B4420-373-000	CUSHION	ラヤタ゛ン クッションヨン	1
6	#01	WP-0851216-SC	WASHER 8.5X18.0X1.2	ヒラ゛カ゛ネ 8.5X18X1.2	1
7	#01	WP-0751576-SD	WASHER 7.5X19X1.5	ヒラ゛カ゛ネ 7.5X19X1.5	1
8	#01	105-10808	WASHER	クラッチヘ゛アリング゛カ゛イジンワッシャ	1
9		WP-0751576-SD	WASHER 7.5X19X1.5	ヒラ゛カ゛ネ 7.5X19X1.5	1
10		WP-0751576-SD	WASHER 7.5X19X1.5	ヒラ゛カ゛ネ 7.5X19X1.5	1
11		B4420-373-000	CUSHION	ラヤタ゛ン クッションヨン	1
12		WP-0703516-SP	WASHER 7X20X3.5	ヒラ゛カ゛ネ 7X20X3.5	1
13		260-33407	SPRING	ヒキアケ゛レハ゛ーヒッハ゛リハ゛ネ	1
14		260-33308	WASHER	ヒキアケ゛レハ゛ーヒッハ゛リハ゛ネヂ゛カ゛ネ	1
15		B4411-372-000	BUTTON CLAMP LIFTING LINK	ヒキアケ゛イタ スライト゛アンナイ	1
16		400-40962	ASSY_SLIDING_ROLLER	ヒキアケ゛スライト゛アンナイクミ	1
17		400-40953	SLIDING_ROLLER	ヒキアケ゛イタスライト゛アンナイ	(1)
18		SM-8060612-TP	SCREW M6 L=6	トメネシ゛ M6 L=6	(1)
19		400-38321	ECCENTRIC_CAM	ヒキアケ゛ヘンシンカムクミ	1
20		400-38398	ECCENTRIC_CAM	ヒキアケ゛ヘンシンカム	(1)
21		SM-8060412-TP	SCREW	トメネシ゛ M6 L=4	(2)
22		400-38146	BUTTON_CLAMP_LIFTING_LINK_SET	ヒキアケ゛フタマタロット゛_クミ	1
23		400-40966	BUTTON_CLAMP_LIFTING_LINK	ヒキアケ゛フタマタロット゛	(1)
24		400-38149	LIFTING_HOOK	ヒキアケ゛フック	(1)
25		SD-0640276-TP	SHOULDER SCREW D=6.35 H=2.7	ダ゛ンネシ゛ D=6.35 H=2.7	(2)
26		400-40963	TENSION_SPRING_RACK_B	ヒッハ゛リ ハ゛ネカケ B	(1)
27		SD-0500726-TP	SHOULDER SCREW D=5 H=7.2	ダ゛ンネシ゛ D=5 H=7.2	(1)
28		400-38150	LIFTING_HOOK_SPRING	ヒキアケ゛フックハ゛ネ	(1)
29		NM-6050001-SP	NUT M5	ロクカクナット M5X0.8 1ケユ	(1)
30		WP-0410846-SC	WASHER	ヒラ゛カ゛ネ	(1)
31		SM-6030402-TP	SCREW M3X0.5 L=4	ロクカクナネ゛ネシ	1
32		SD-0640481-SP	HINGE SCREW D= 6.35 H= 4.8	ダ゛ンネシ゛ D=6.35 H=4.8	1
33		SD-0640211-SP	HINGE SCREW D= 6.35 H= 2.1	ダ゛ンネシ゛ D=6.35 H=2.1	1
34		WP-0330501-SB	WASHER M3	ヒラ゛カ゛ネ ミカ゛キマル M3	1
35		400-38283	L_TYPE_LIFTING_BAR_ROLLER	レカ゛タヒキアケ゛ネ゛ウコロ	1
36		400-38502	BUTTON_CLAMP_LIFTING_ROD_A	エルカ゛タヒキアケ゛ネ゛ウA	1
37		SM-6061002-TP	SCREW M6 L=10	ロクカクナネ゛ネシ M6 L=10	1
38		400-38428	CONNECTING_LINK_FRONT	イトキリレンケツイタマエ	1
39		260-22202	JOINT STUD	イトキリレンケツ゛ヨイント	1
40		B1632-180-000	FEED ADJUSTING JOINT	オクリチョーセツ゛ヨイント	1
41		WP-0510516-SD	WASHER 5.1X7.5X0.5	ヒラ゛カ゛ネ 5.1X7.5X0.5	1
42		NM-6050001-SP	NUT M5	ロクカクナット M5X0.8 1ケユ	2
43		400-38219	CONNECTING_SCREW	イトキリレンケツネシ゛	1
44		NM-6080021-SP	NUT M8 TYPE1	コカ゛タロッカクナット M8 1ケユ	2
45		400-38429	CONNECTING_LINK_REAR	イトキリレンケツイタウシロ	1
46		SD-0640323-TP	HINGE SCREW D= 6.35 H= 3.2	ダ゛ンネシ゛ D=6.35 H=3.2	1
47		SD-0790402-TP	HINGE SCREW D= 7.94 H= 4	ダ゛ンネシ゛ D=7.94 H=4	1
48		NS-6620310-SP	NUT 3/16-32	ロクカクナット 3/16-32	1
49		NS-6150310-SP	NUT 15/64-28	ロクカクナット 15/64-28	1
50		400-38397	THREAD_TRIMMING_LEVER	イトキリレハ゛ー	1
51		SD-0790316-TP	SHOULDER SCREW D=7.94 H=3.1	ダ゛ンネシ゛ D=7.94 H=3.1	1
52		NM-6050001-SP	NUT M5	ロクカクナット M5X0.8 1ケユ	1
53		400-38495	THREAD_TRIM_LEVER_BASE	イトキリレハ゛ータ゛イ	1
54		SM-7051460-TP	SCREW M5 L=14	マルヒラコネシ゛ M5 L=14	2
55		260-21709	THREAD TRIMMING LINK	イトキリリンク	1
56		SD-0641322-TP	HINGE SCREW D=6.35 H=13.2	ダ゛ンネシ゛ D=6.35 H=13.2	1
57		260-33605	SPRING	ラヤタ゛ンクッションハ゛ネ	1
58		CS-0950810-SH	THRUST COLLAR ASM. D=9.5 W=8	スラストカウ゛ D=9.5 W=8 クミ	2
59		CS-0950816-SH	THRUST COLLAR D=9.5 W=8	スラストカウ゛ D=9.5 W=8	(1)
60		SS-8110410-TP	SCREW 11/64-40 L= 3.5	トメネシ゛ 11/64-40 L=3.5	(2)
61		400-38445	LEVER_SHAFT	レハ゛ーシ゛ク	1
62		SM-8061010-TP	SCREW	トメネシ゛ M6 L=10	2
63		260-32508	LIFTING_LINK	ヒキアケ゛イタリンク	1
64		400-38414	LIFTING_PLATE_GUIDE_ROD_ASM	ヒキアケ゛イタアンナイロット゛クミ	1
65		400-38413	LIFTING_PLATE_GUIDE_ROD	ヒキアケ゛イタアンナイロット゛	(1)
66		SM-6051600-SP	SCREW M5 L=16	ヒラネシ゛ M5 L=16	(1)

NOTE (注記)　#01....SELECTIVE PARTS(USE OF ONE PARTS)　選択部品 (いづれか一個使用)

7. NEEDLE DRIVING PULLEY SHAFT COMPONENTS

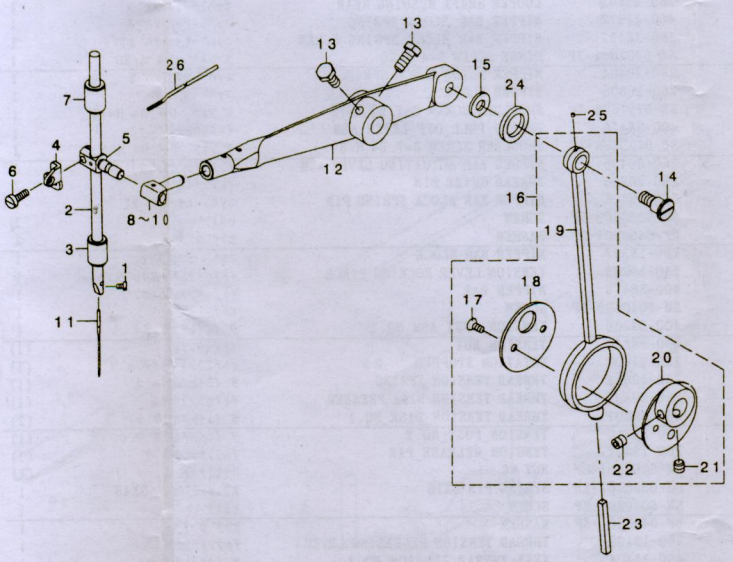
駆動軸関係



REF. NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		B1203-372-000	BALL LARGE	ｷﾄﾞｰ ﾎﾞｰﾙ	1
2		260-12401	PULLEY INSERT	ｷﾄﾞｳｴﾞ ｰﾙｹｰﾀﾞｲ	1
3		400-38203	BALL SMALL	ｼｭｼﾞｭﾊﾞ ﾈｼﾞｰﾙ	1
4		260-12500	SPRING	ｼｭｼﾞｭﾊﾞﾈ	1
5		400-38169	DRIVING PULLEY ASM.	ｸﾄﾞｳﾌﾟｰﾘｰｱﾐ	1
6		400-38175	DRIVING PULLEY	ｸﾄﾞｳﾌﾟｰﾘｰ	1
7		SM-8040612-TP	SCREW M4 L=6	ﾄﾒﾈｼﾞ M4 L=6	(1)
8		400-38449	NEEDLE_DRIVING_PULLEY_SHAFT	ｸﾄﾞｳｼﾞｸ	(1)
9		B1243-372-000	NEEDLE BEARING	ﾆｰﾄﾞﾙﾍﾞｱﾘﾝｸﾞ	1
10		260-12609	GREASE RTETAINING WICK	ｼｭｼﾞｸﾌｧﾌﾞﾗﾄﾞﾒﾌｪﾙﾄｹｰｽ	2
11		260-12708	RETAINING WASHER	ｼｭｼﾞｸﾌｧﾌﾞﾗﾄﾞﾒﾌｪﾙﾄｹｰｽ	1
12		SM-6062450-TP	SCREW M6 L=23.5	ﾋﾗｺﾈｼﾞ M6 L=23.5	1
13		WP-0621026-SP	WASHER 6.2X9.5X1	ﾋﾗｶﾞﾈ 6.2X9.5X1	2
14		B1208-372-000	NEEDLE DRIVING PULLEY CLUTCH D	ｸﾄﾞｰ ｸﾂﾗﾖﾝ	2
15		400-38137	STOP_MOTION_DISC_ASM.	ｼｬﾀﾞﾝｿｶﾑ ｸﾐ	1
16		400-38135	STOP_MOTION_DISC_LATCH_A	ｼｬﾀﾞﾝｿﾌﾒ_A	1
17		400-38136	STOP_MOTION_DISC_LATCH_B	ｼｬﾀﾞﾝｿﾌﾒ_B	(1)
18		400-38138	STOP_MOTION_DISC	ｼｬﾀﾞﾝｿｶﾑ	(1)
19		400-38139	STOP_MOTION_PAWL_SHAFT	ｼｬﾀﾞﾝｿｳｹﾒｲﾌﾞｸ	(1)
20		400-38140	STOP_MOTION_DISC_WASHER	ｼｬﾀﾞﾝｿｶﾑﾜﾞｰｶﾞﾈ	(2)
21		SM-6060550-TP	SCREW M6 L=4.5	ﾋﾗｺﾈｼﾞ M6 L=4.5	(1)
22		CM-5002000-01	DIRECTION LABEL.	ｶｲﾃﾝﾖｳｺｳﾗﾍﾞﾙ	(1)
23		SM-8080812-TP	SCREW M8X8	ﾄﾒﾈｼﾞ M8 L=8	1
24		SM-8081752-TP	SCREW M8 L=17	ﾄﾒﾈｼﾞ M8 L=17	1
25		NM-6060003-SP	NUT M6 TYPE3	ﾛｯｸﾅｯﾄ M6 ｻﾝｼｭ	1
26		B1215-372-B00	THRUST BALL BEARING	ｽﾗｽﾄ ﾍﾞｱﾘﾝｸﾞ	2
27		SM-8061010-TP	SCREW	ﾄﾒﾈｼﾞ M6 L=10	1
28		400-38461	PULLEY_SHAFT_BUSHING_RIGHT	ｸﾄﾞｳﾌﾞｸﾒﾀﾙﾐｷﾞ	1
29		400-42148	PULLET_SHAFT_BUSHING_LEFT	ｸﾄﾞｳﾌﾞｸﾒﾀﾙﾋﾀﾞﾘ	1
30		B1217-372-0BA	DRIVING GEAR (A) ASM.	ﾈｼﾞﾍﾊﾞｰﾙA(ｸﾐ)	1
31		SS-8660612-TP	SCREW 1/4-40 L=6	ﾄﾒﾈｼﾞ 1/4-40 L=6	(2)
32		260-18309	OIL WICK	ｸﾗﾝｸﾛｯﾄﾞ ﾕｳﾝ	1

8. NEEDLE BAR DRIVING MECHANISM COMPONENTS

針棒関係

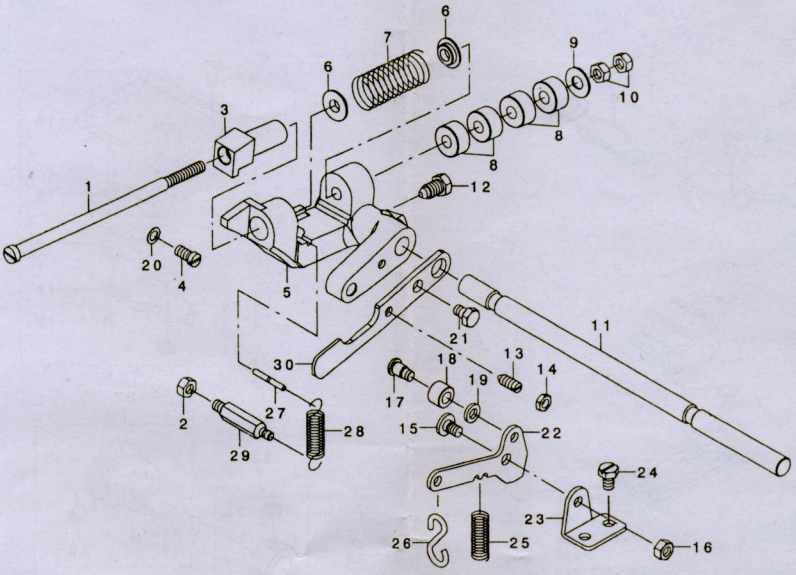


REF. NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		SS-7080510-TP	SCREW 1/8-44 L=4.5	マルヒラネジ 1/8-44 L=4.5	1
2		146-06107	NEEDLE ROD	ハリボウ	1
3		260-17707	NEEDLE BAR BUSHING LOWER	ハリボ ウラタメタル	1
4		400-40951	NEEDLE_BAR_BALANCE	ハリボ ウテンビン	1
5		400-40952	NEEDLE_BAR_CLAMP	ハリボ ウダキ	1
6		SM-6041200-SP	SCREW M4 L=12	ヒラネジ M4 L=12	1
7		400-38142	NEEDLE_BAR_BUSHING_UPPER	ハリボ ウウエメタル	1
8	#01	400-38120	NEEDLE_BAR_SLIDE_BLOCK_A	ハリボ ウダ キスライド コマ_A	1
9	#01	400-38121	NEEDLE_BAR_SLIDE_BLOCK_B	ハリボ ウダ キスライド コマ_B	1
10	#01	400-38122	NEEDLE_BAR_SLIDE_BLOCK_C	ハリボ ウダ キスライド コマ_C	1
11		MTQ-100B1600	NEEDLE TQX1 #16	ハリ TQX1 #16	1
12		400-38117	NEEDLE_BAR_DRIVING_LEVER	ハリボ ウヨウト ウカン	1
13		SM-9061403-CP	SCREW M6 L=14	ロッカクボ ルト	2
14		SD-0950804-TP	SHOULDER SCREW D=9.53 H=8	ダ ンネジ D=9.53 H=8	1
15		260-18705	WASHER	クランクロッド ザ ガネ	1
16		260-18457	CRANK ROD ASM.	クランクロッド（クミ）	1
17		SS-2110920-TP	SCREW 11/64-40 L=8.5	マルサラネジ 11/64-40 L=8.5	(2)
18		260-18606	THRUST HOLDER	ハリボ ウヘンシンカムスラストウケ	(1)
19		260-18408	CRANK ROD	クランクロッド	(1)
20		260-18507	ECCENTRIC CAM	ハリボ ウヘンシンカム	(1)
21		SS-8660612-TP	SCREW 1/4-40 L=6	トメネジ 1/4-40 L=6	(1)
22		SS-8660942-TP	SCREW 1/4-40 L= 8.5	トメネジ 1/4-40 L=8.5	(1)
23		260-18309	OIL WICK	クランクロッド ユシン	1
24		400-41045	OIL_RETAINING_FELT	アブ ラト メフェルト	1
25		CQ-2500000-F0	OIL WICK	ユシン	0.01
26		CQ-2020000-00	OIL WICK	ユシン	0.1

NOTE（注記） #01....SELECTIVE PARTS 選択部品

9. STOP MOTION MECAHNISM COMPONENTS

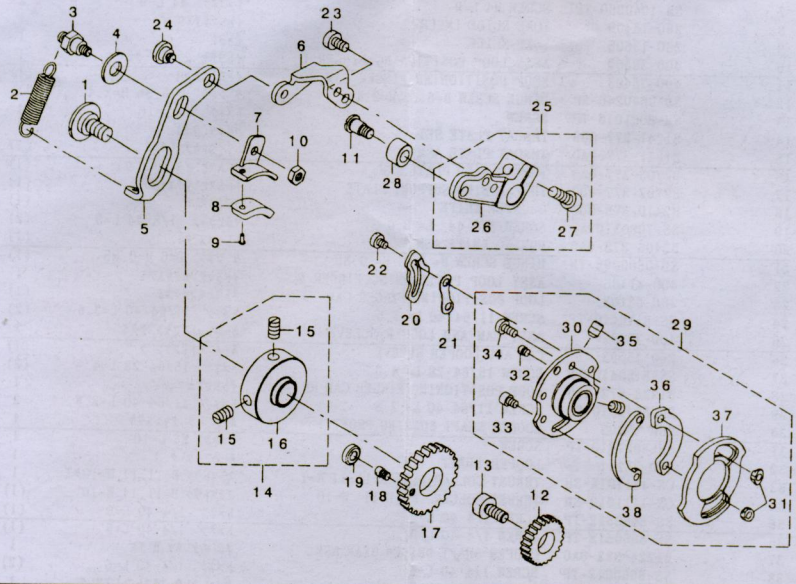
遮断装置関係



REF. NO	NOTE	PART NO.	D E S C R I P T I O N	ヒ ン メ イ	Qty
1		260-27805	STOP MOTION PLUNGER ROD	ｼｬﾀﾞ ｿﾖｳﾌｯｼｭｸﾛﾝﾄﾞ ｸ	1
2		NM-6060003-SP	NUT M6 TYPE3	ﾛｯｶｸﾅｯﾄ M6 3ﾀｲﾌﾟ	1
3		400-38118	CROSSING HOOK	ｼｬﾀﾞ ｿﾖｳﾌｯｸ	1
4		SM-6061150-TP	SCREW M6 L=11	ﾋﾗｺﾈｼﾞ M6 L=11	1
5		B2602-372-000-A	STOP MOTION PLUNGER LEVER	ｼｬﾀﾞ ｿﾌﾚｰﾊﾞ	1
6		262-29104	WASHER	ｼｬﾀﾞ ｿﾖｳﾊﾞﾈｶﾞ ｶﾞﾈ	2
7		400-38110	STOP MOTION SPRING	ｼｬﾀﾞ ｿﾊﾞﾈ	30
8		B2608-280-000	RUBBER CUSHION	ｸｯﾄﾞ - ｺﾞﾑｸｯｼｮﾝ	4
9		260-30601	WASHER	ｼｬﾀﾞ ｿﾖｳｺﾞﾑｸｯｼｮﾝｶﾞ ｶﾞﾈ	1
10		NS-6680410-SP	NUT 9/32-28	ﾛｯｶｸﾅｯﾄ 9/32-28	2
11		400-38448	STOP MOTION SHAFT	ｼｬﾀﾞ ｿﾝﾌﾞｸ	1
12		400-42437	SCREW	ｼｬﾀﾞ ｿｳｹﾄﾘﾂｹﾈｼﾞ	1
13		SS-8151570-SP	SCREW 15/64-28 L=15.0	ﾄﾒﾈｼﾞ 15/64-28 L=15	1
14		NS-6150310-SP	NUT 15/64-28	ﾛｯｶｸﾅｯﾄ 15/64-28	1
15		SD-0680276-TP	SHOULDER SCREW D=6.8 H=2.7	ﾀﾞﾝﾈｼﾞ D=6.8 H=2.7	1
16		NM-6060001-CP	NUT M6	ﾛｯｶｸﾅｯﾄ M6	1
17		SD-0710706-TP	SHOULDER SCREW D=7.14 H=7	ﾀﾞﾝﾈｼﾞ D=7.14 H=7	1
18		260-29207	STITCH ADJUSTIHG ROLLER	ﾊﾘｶｽﾞﾁｮｳｾﾂｺﾛ	1
19		WP-0612066-SP	WASHER 6.1X11X2	ﾋﾗﾜｶﾞﾈ 6.1X11X2	1
20		260-19604	WASHER	ｲﾄﾁｮｳｾﾂﾊﾞｰﾀﾞﾝﾈｼﾞﾜｶﾞﾈ	1
21		SM-9061003-CP	SCREW M6 L=10	ﾛｯｶｸﾎﾞﾙﾄ	1
22		400-38160	STOP MOTION TRIP LEVER	ｷﾄﾞｳﾘﾝｸ	1
23		260-28308	STOP MOTION TRIP LEVER BRACKET	ｷﾄﾞｳﾘﾝｸﾄﾘｯﾌﾟﾀﾞｲ	1
24		SM-9061250-TP	SCREW M6 L=12	ﾛｯｶｸﾎﾞﾙﾄ M6 L=12	2
25		229-24906	OIL REGULATOR SCREW SPRING	ﾕﾘｮｳﾁｮｳｾﾂﾈｼﾞﾊﾞﾈ	1
26		131-60304	S SHAPED HOOK	Sｶﾞﾀﾌｯｸﾞ	1
27		260-28001	STOP MOTION LEVER SPRING PIN	ｼｬﾀﾞ ｿｳｳﾁﾋｯﾊﾟｰﾘﾊﾞｰﾈﾄﾒﾋﾟﾝ	1
28		400-38410	STOP MOTION LEVER SPRING	ｼｬﾀﾞ ｿﾌﾚｰﾊﾞﾋｯﾊﾟｰﾘﾊﾞｰﾈ	1
29		400-40940	SCREW STUD	ﾈｼﾞｽﾀﾞﾌﾞﾄﾞ	1
30		B2611-373-N00	PRESSURE APPLYING LEVER	ｸﾄﾞｳｱｰﾘ ｵｳﾂｹｲﾀ	1

10. STITCH SELECTING PARTS COMPONENTS

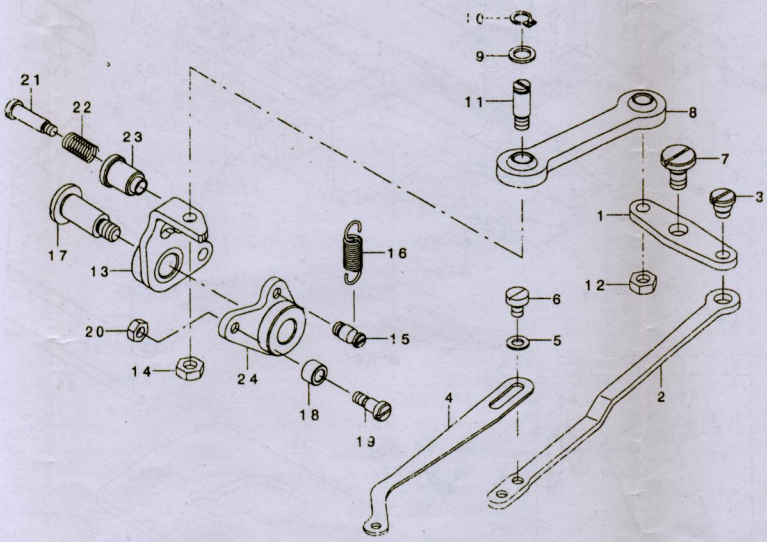
針数調節関係



REF. NO	NOTE	PART NO.	DESCRIPTION	ﾋﾝﾒｲ	Qty
1		SD-1270346-TP	SHOULDER SCREW D=12.7 H=3.4	ﾀﾞﾝﾈｼﾞ D=12.7 H=3.4	1
2		260-30304	SPRING FOR FRICTION PLATE	ﾏｻﾂｲﾀﾖｾﾊﾞﾈ ﾖｳ	1
3		260-30007	FRICTION PLATE ROTATING SHAFT	ﾏｻﾂｲﾀﾖｾﾌﾘﾝｸﾞ	1
4		WP-0850002-SP	WASHER 8.5X18X1.6	ﾋﾗﾜｯｶﾞ 8.5X18X1.6	1
5		260-30908	SPEED SLOWING LEVER	ﾖﾋﾞﾃｲｼﾝﾚﾊﾞｰ	1
6		260-31005	FITTING PLATE	ﾖﾋﾞﾃｲｼﾝﾊﾞｰﾄﾏｻﾂｲﾀ	1
7		260-30106	FRICTION PLATE HOLDER	ﾏｻﾂｲﾀﾄﾙﾎﾙﾀﾞｰ	1
8		B2640-372-000	SPEED SLOWING FRICTION PLATE	ﾖﾋﾞﾃｰｸ ﾏｻﾂｲﾀ	1
9		B3211-232-000	POSITIONING PIN	ｳｴｰﾙ ｶｺｰｽｲﾁ ｶﾀﾒﾋﾟﾝ	2
10		NS-6110310-SP	NUT 11/64-40	ﾛｸｶｸﾅｯﾄ 11/64-40	1
11		SD-0710706-TP	SHOULDER SCREW D=7.14 H=7	ﾀﾞﾝﾈｼﾞ D=7.14 H=7	1
12		B2629-372-000	STITCH SELECTING SPUR GEAR, MI	ﾊﾘｶﾀﾞ ﾁｮｰﾋﾔ ﾊｸﾞﾙﾏ (ﾁｭｰ)	1
13		400-40943	INTERMEDIATE GEAR SHAFT	ﾁｭｳｶﾝﾊｸﾞﾙｼｬﾌﾄ	1
14		400-40942	ASSY SPEED SLOWING FRICTION WH	ﾖﾋﾞﾃｲｼﾏｻﾂｲﾀﾞｰﾙﾏﾒ	1
15		SW-8061010-TP	SCREW	ﾈｼﾐﾈｼﾞ M6 L=10	(2)
16		400-40944	SPEED SLOWING FRICTION WHEEL	ﾖﾋﾞﾃｲｼﾏｻﾂｲﾀﾞｰﾙﾏ	(1)
17		B2630-372-000-A	GEAR,LARGE	ﾊﾘｶﾀﾞ ﾁｭｳｾﾂﾖｳﾊｸﾞﾙﾏ(ﾀﾞｲ)	1
18		B2631-372-000	SCREW	ﾊﾘｶﾀﾞ ﾁｮｰﾋﾔ ﾊｸﾞﾙﾏ ﾎｿﾒﾈｼﾞ	1
19		B2632-372-000-A	ROLLER	ﾊﾘｶﾀﾞ ﾁｭｳｾﾂﾌﾛｸﾞ ﾙﾏ(ﾀﾞｲ)ｺﾛ	1
20		400-40946	THREAD BIND NOTCH	ｲﾄﾑｽﾋﾞ ﾉｯﾁ	1
21		260-30809	SPACER	ｲﾄﾑｽﾋﾞ ｽﾍﾟｰｻｰ	1
22		SW-6040560-TP	SCREW M4X0.5 L=4.5	ﾋﾗﾈｼﾞ M4X0.5 L=4.5	2
23		SW-6050800-SP	SCREW M5 L=8	ﾋﾗﾈｼﾞ M5 L=8	2
24		SD-0800341-SP	HINGE SCREW D=8 H=3.4	ﾀﾞﾝﾈｼﾞ D=8 H=3.4	2
25		400-38269	STITCH ADJUSTING ARM ASM.	ﾊﾘｶﾀﾞ ﾁｮｳｾﾂｱｰﾑ ｸﾐ	1
26		400-38271	STITCH ADJUSTING ARM	ﾊﾘｶﾀﾞ ﾁｮｳｾﾂｱｰﾑ	(1)
27		SW-6061602-TN	SCREW M6 L=16	ﾛｸｶｸﾌﾄﾅｼﾞ ﾎﾄ M6 L=16	(1)
28		260-29207	STITCH ADJUSTIHG ROLLER	ﾊﾘｶﾀﾞ ﾁｮｳｾﾂｺﾛ	1
29		400-41046	STITCH ADJUSTING CAM A ASSY	ﾊﾘｶﾀﾞ ﾁｮｳｾﾂｶﾑAｸﾐ	1
30		400-41054	STITCH ADJUSTING CAM A ASM.	ﾊﾘｶﾀﾞ ﾁｮｳｾﾂｶﾑAｸﾐｺﾞ	(1)
31		400-41050	NUT	ﾅﾌﾄ	(2)
32		400-38304	SCREW	ﾊﾘｶﾀﾞ ﾁｮｰﾋﾔｲﾄﾒﾈｼﾞ	(1)
33		SW-6040502-TP	SCREW M4X0.7 L=5	ﾛｸｶｸﾌﾄﾅｼﾞ ﾎﾄ M4 L=5	(1)
34		SW-6040800-SP	SCREW	ﾋﾗﾈｼﾞ	(2)
35		SW-8060812-TP	SCREW M6 L=8	ﾄﾒﾈｼﾞ M6 L=8	(2)
36		400-41048	SPACER	ｽﾍﾟｰｻｰ	(1)
37		400-41049	STITCH CAM A	ｽﾃｯﾁｶﾑA	(1)
38		400-41051	STOP MOTION CAM SHOE	ｽﾄｯﾌﾟﾓｰｼｮﾝｶﾑｼｭｳ	(1)

11. THREAD BIND NOTCH COMPONENTS (FOR MB−1377)

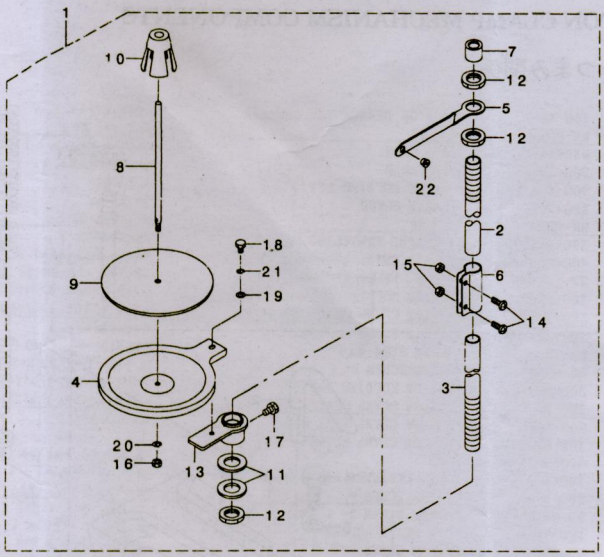
糸結び関係（ＭＢ－１３７７用）



REF.NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		400-38488	THREAD_BIND_LEVER	ｲﾄﾑｽﾋﾞﾚﾊﾞｰ	1
2		400-38452	CONNECTING_PLATE_LARGE	ｲﾄﾑｽﾋﾞﾚﾝｹﾂｲﾀﾀﾞｲ	1
3		SD-0640328-TP	SHOULDER SCREW D=6.35 H=3.2	ﾀﾞﾝﾈｼﾞ D=6.35 H=3.2	1
4		400-38486	CONNECTING_PLATE_SMALL	ｲﾄﾑｽﾋﾞﾚﾝｹﾂｲﾀｼｮｳ	1
5		WP-0430800-SD	WASHER M4	ﾋﾗﾃﾞｶﾞﾈ ｺｶﾞﾀﾏﾙ M4	2
6		SW-6040650-TP	SCREW	ﾋﾗﾈｼﾞ M4 L=6	2
7		SD-0720336-SP	SHOULDER SCREW	ﾀﾞﾝﾈｼﾞ	1
8		D2509-282-A00	WORK CAMP FOOT BALL LINK	ﾂﾏﾐｱｼ ﾎﾞｰﾙﾘﾝｸ	1
9		400-38489	THREAD_BIND_LINK_SHAFT	ｲﾄﾑｽﾋﾞﾘﾝｸｼﾞｸ	2
10		WP-0621026-SP	WASHER 6.2X9.5X1	ﾋﾗﾃﾞｶﾞﾈ 6.2X9.5X1	2
11		RC-0560711-KP	RETAINING RING	Cｶﾞﾀﾄﾒﾜ	2
12		NM-6050001-SP	NUT M5	ﾛｯｶｸﾅｯﾄ M5X0.8 1ﾘｭ	1
13		400-38456	THREAD_BIND_ARM_B	ｲﾄﾑｽﾋﾞｳﾃﾞBｹﾌｺﾞｳ	1
14		NM-6050001-SP	NUT M5	ﾛｯｶｸﾅｯﾄ M5X0.8 1ﾘｭ	1
15		400-38494	THREAD_BIND_ARM_SPRING_RAC	ｲﾄﾑｽﾋﾞｳﾃﾞﾊﾞﾈｹｹ	1
16		260-17103	SPRING	ｲﾄﾑｽﾋﾞｳﾃﾞﾊﾞﾈ	1
17		SD-0901806-TP	SHOULDER SCREW	ﾀﾞﾝﾈｼﾞ D=9 H=18	1
18		260-17301	ROLLER	ｲﾄﾑｽﾋﾞｺﾛ	1
19		SD-0460576-TP	SHOULDER SCREW D=4.6 H=5.7	ﾀﾞﾝﾈｼﾞ D=4.6 H=5.7	1
20		NM-6040001-SP	NUT M4X0.7	ﾛｯｶｸﾅｯﾄ M4X0.7 1ﾘｭ	1
21		SD-0481456-TP	SHOULDER SCREW D=4.8 H=14.5	ﾀﾞﾝﾈｼﾞ D=4.8 H=14.5	1
22		400-38306	SPRING	ﾊﾘｶｽﾞ ﾁｭｰｾﾌﾞﾂﾏﾐﾊﾞﾈ	1
23		400-38305	STITCH_ADJUSTING_CAM_KNOB	ﾊﾘｶｽﾞ ﾁｭｰｾﾌﾞﾂﾏﾐ	1
24		400-38455	ASS_THREAD_BIND_ARM_A	ｲﾄﾑｽﾋﾞｳﾃﾞAｹﾌｺﾞｳ	1

12. THREAD STAND COMPONENTS

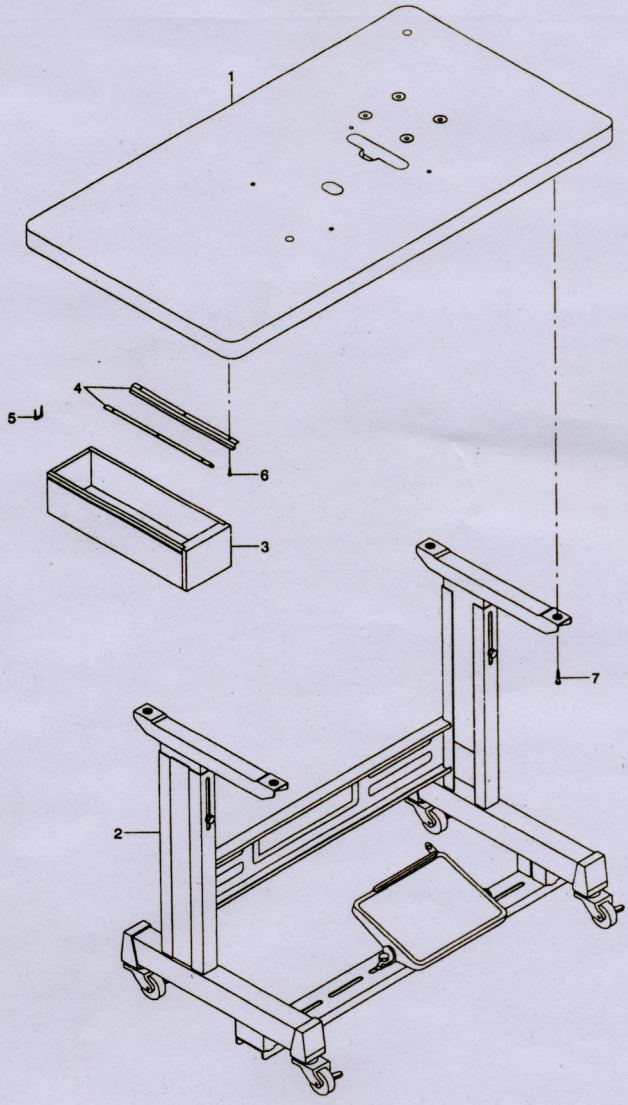
糸立装置関係



REF. NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		260-08359	THREAD STAND ASM.	イトタテソウチ(クミ)	1
2		229-30408	SPOOL REST ROD, UPPER	イトタテﾎﾞｳ(ウエ)	(1)
3		229-30309	SPOOL REST ROD, LOWER	イトタテﾎﾞｳ(シタ)	(1)
4		260-08300	THREAD STAND HOLDER PLATE	イトタテウケイタ	(1)
5		260-08409	THREAD RAISING THREAD GUIDE A	イトタテイトアンナイ(A)	(1)
6		229-31307	SPOOL REST ROD JOINT	イトタテﾎﾞｳｻｷﾃ	(1)
7		229-31406	SPOOL REST ROD RUBBER CAP	イトタテﾎﾞｳｺﾞﾑｺﾞ A	(1)
8		229-31000	SPOOL PIN	イトマキクｶﾞｳ	(1)
9		229-30903	SPOOL REST CUSHION	イトマキクｸﾞﾗｯｼｮﾝ	(1)
10		229-31109	SPOOL RETAINER	イトマキフレﾄﾞﾒ	(1)
11		WP-1612616-SE	WASHER 16X30X2.6	ヒラｻﾞｶﾞﾈ	(2)
12		NM-6160511-SE	NUT M16X1.5	ロｯｶｸﾅｯﾄ M16X1.5 1ﾌｭ	(3)
13		260-08557	SPOOL REST BRACKET ASM	イトタテウケﾀﾞｲ(イｻﾞﾖｳ)クミ	(1)
14		SM-4051405-SE	SCREW M5 L=14	ﾅﾍﾞｺﾈｼﾞ M5 L=14	(2)
15		NM-6050001-SE	NUT M5	ロｯｶｸﾅｯﾄ M5	(2)
16		NM-6050001-SE	NUT M5	ロｯｶｸﾅｯﾄ M5	(1)
17		SM-9061080-SE	SCREW M6 L=10	ﾛｯｶｸﾎﾞﾙﾄ M6 L=10	(1)
18		SM-9050813-SE	SCREW M5X0.8 L=8	ﾛｯｶｸﾎﾞﾙﾄ M5X0.8 L=8	(1)
19		WP-0520656-SA	WASHER 5.2X9.5X0.6	ヒラｻﾞｶﾞﾈ 5.2X9.5X0.6	(1)
20		WS-0510002-KN	SPRING WASHER	ﾊﾞﾈｻﾞｶﾞﾈ 5.1X9.2X1.3	(1)
21		WS-0521010-KN	SPRING WASHER 5.2X8.2X1	ﾊﾞﾈｻﾞｶﾞﾈ 5.2X8.2X1	(1)
22		229-31208	THREAD GUIDE	イトミチ	(1)

13. TABLE & STAND COMPONENTS

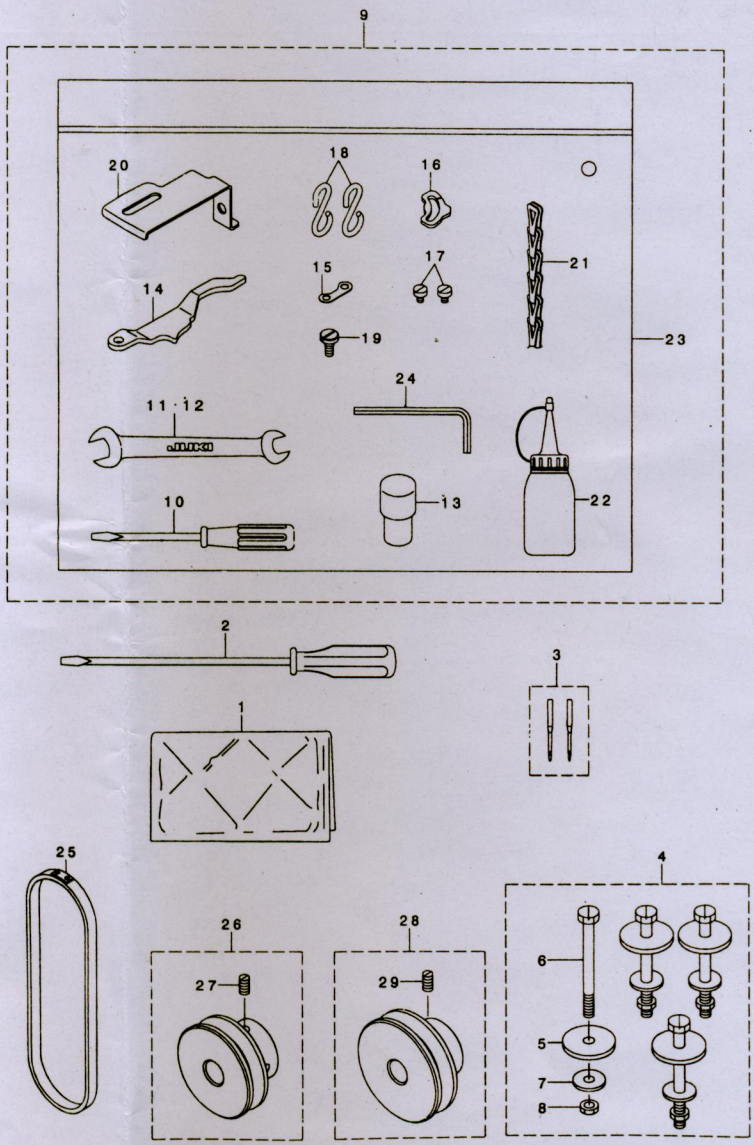
脚卓関係



REF. NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		400-40971	TABLE	テーブル	1
2		111-59365	T STAND JUNCTION	Tキャクケツゴウ	1
3		111-55108	DRAWER	ヒキダシ	1
4		111-55207	DRAWER SUPPORT	ヒキダシ ホチエ	2
5		D8204-555-D00	DRAWER STOPPER	ヒキダシストプパー	1
6		SK-3311600-SE	WOOD SCREW D=3.1 L=16	モクネジ D=3.1 L=16	6
7		SK-3483200-SE	WOOD SCREW D=4.8 L=32	マルモクネジ D=4.8 L=32	4

14. ACCESSORIE PARTS COMPONENTS

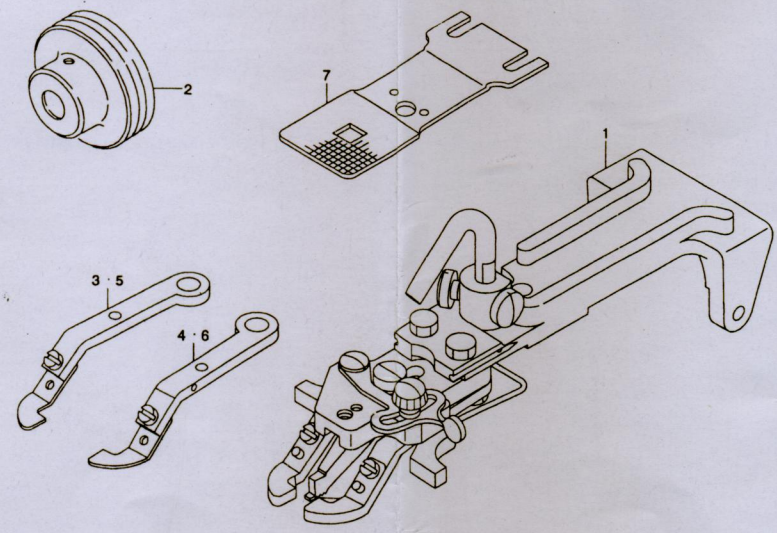
付属品関係



REF. NO	NOTE	PART NO	DESCRIPTION	ヒ ン メ イ	Qty
1		229-33303	VINYL COVER	ﾄｳﾌﾞ ﾋﾞﾆｰﾙｶﾊﾞｰ	1
2		229-33006	SCREW DRIVER,LARGE	ﾄﾞﾗｲﾊﾞｰ-(ﾀﾞｲ)	1
3		MTQ-10081602	NEEDLE TQX1 #16-2	TQX1#16-2	1
4		400-41072	BASE_SCREW_SET	ﾍﾞｯﾄﾞﾄﾘﾌｸﾀﾞｲﾈｼﾞｾｯﾄ	1
5		400-38174	RUBBER_CUSHION	ｺﾞﾑｸｯｼｮﾝ	(4)
6		SS-9156830-SP	SCREW 15/64-28 L=68	ﾛｸｶｸﾎﾞﾙﾄ 15/64-28 L=68	(4)
7		WP-0612056-SD	WASHER 6.1X18.5X2	ﾋﾗﾜﾞｶﾞﾈ 6.1X18.5X2	(4)
8		NS-6150310-SP	NUT 15/64-28	ﾛｸｶｸﾅﾅﾄ 15/64-28	(4)
9		400-41073	ACCESSORIE_BAG_ASM.	ﾌｿﾞｸﾋﾝﾊﾞｯｸﾞｸﾐ	1
10		229-33105	SCREW DRIVER,MIDDLE	ﾄﾞﾗｲﾊﾞｰ-(ﾁｭｳ)	(1)
11		260-34702	WRENCH	ﾘｮｳｸﾞﾁｽﾊﾟﾅ(ﾀﾞｲ) 14X11	(1)
12		260-34801	WRENCH	ﾘｮｳｸﾞﾁｽﾊﾟﾅ(ｼｮｳ) 7X8	(1)
13		400-33327	FRAME_SUPPORT_BAR	ﾄｳﾌﾞﾌﾚｰﾑｴﾎﾞｳ	(1)
14		400-38459	STITCH_NUMBER_LEVER	ﾊﾘｶｽﾞﾁｮｳｾﾂﾚﾊﾞｰ	(1)
15		260-30809	SPACER	ｲﾄﾑｽﾋﾞﾉｯﾁｽﾍﾟｰｽ	(1)
16		400-40946	THREAD_BIND_NOTCH	ｲﾄﾑｽﾋﾞﾉｯﾁ	(1)
17		SM-6040560-TP	SCREW M4X0.5 L=4.5	ﾋﾗｺﾈｼﾞ M4X0.5 L=4.5	(2)
18		131-60304	S SHAPED HOOK	Sｶﾞﾀｶﾅｸﾞ	(2)
19		SD-0600346-TP	SHOULDER SCREW D=6 H=3.4	ﾀﾞﾝﾈｼﾞ D=6 H=3.4	(1)
20		400-38205	NEEDLE_BAR_GUARD	ﾊﾘｶﾞｲﾄﾞﾊﾞｰ	(1)
21		260-37903	CHAIN	ｸｻﾘ	(1)
22		J1067-000-000	OILER	ｱﾌﾞﾗﾂﾎﾞ	(1)
23		229-32800	ACCESSORIE BAG	ﾌｿﾞｸﾋﾝﾊﾞｯｸﾞ	(1)
24		400-55591	HEXAGONAL WRENCH KYE	ﾛｯｸｶﾞｲﾄﾞｽｽﾊﾟﾅ3	(1)
25		MTJ-VM00000C	V ROPE 820MM (LACING)	Vﾛｰﾌﾟ 900MM(ﾚｰｼﾝｸﾞﾖｳ)	1
26		400-38286	MOTOR_PULLEY_60HZ_1300RPM_ASM.	ﾓｰﾀｰﾌﾟｰﾘｰ_60HZ_1300RPMｸ	1
27		SM-8061010-TP	SCREW	ﾄﾒﾈｼﾞ M6 L=10	(2)
28		400-38285	MOTOR_PULLEY_50HZ_1300RPM_ASM.	ﾓｰﾀｰﾌﾟｰﾘｰ_50HZ_1300RPMｸ	1
29		SM-8061010-TP	SCREW	ﾄﾒﾈｼﾞ M6 L=10	(2)

15. SPECIAL ORDER SPEC COMPONENTS

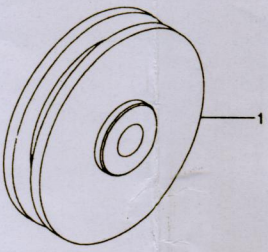
特別仕様関係



REF. NO	NOTE	PART NO.	D E S C R I P T I O N	ヒ ン メ イ	Qty
1		MAZ-201010A0	PICK-UP DEVICE ASM. L BUTTON	ﾀﾞｲｵﾞﾀﾝﾖｳﾂﾏﾐｿｳﾁ(ｸﾀﾂｺﾞｳ)	1
2		400-38290	MOTOR_PULLEY_50HZ_1500RPM_ASM	ﾓｰﾀｰﾌﾟｰﾘｰ_50HZ_1500RPMｸ	1
3		B2556-372-0AA	BUTTON CLAMP JAW LEVER ASM., L	ﾂﾖｰｵﾞﾀﾝﾖｰ ﾌﾏﾐｱﾗ ﾋﾀﾞﾘ ｸﾐ	1
4		B2558-372-0AA	BUTTON CLAMP JAW LEVER ASM., R	ﾂﾖｰｵﾞﾀﾝﾖｰ ﾌﾏﾐｱﾗ ﾐｷﾞ ｸﾐ	1
5		D2556-372-CAA	BUTTON CLAMP JAW LEVER ASM., L	ﾀﾞｲｵﾞﾀﾝﾖｰ ﾌﾏﾐｱﾗ ﾋﾀﾞﾘ ｸﾐ	1
6		D2558-372-CAA	BUTTON CLAMP JAW LEVER ASM., R	ﾀﾞｲｵﾞﾀﾝﾖｰ ﾌﾏﾐｱﾗ ﾐｷﾞ ｸﾐ	1
7		D2529-373-C00-A	FEED PLATE, LARGE BUTTON	ﾇﾉｵﾃｴﾀﾀｲﾀ(ﾀﾞｲｵﾞﾀﾝ)	1

16. SUBCLASS COMPONENTS (FOR MB-1373-11)

サブクラス関係（ＭＢ－１３７３－１１用）



REF NO	NOTE	PART NO	DESCRIPTION	ﾋﾞｰﾝｺﾞｵｸﾘｶﾑ(X)	Qty
1		400-41032	LENGTHWAISE_FEED_CAM(X)	ﾋﾞｰﾝｺﾞｵｸﾘｶﾑ(X)	1