
ARTISAN®

Model 380
Two Needle
Double Locked Chainstitch Machine



We thank you for purchasing the Model MH-380, 382, High Speed, Flat Bed, 2-Needle, Double Chain Stitcher for Industrial Use which is capable of forming up to 6,000 stitches per minutes, and also producing the condensation stitches at the end of a stitch line to prevent it from raveling out.

Furthermore, this model employs a fully automatic lubrication system consisting of a plunger pump as same as that of the model DDL-555.

Before operating this machine, please read through this INSTRUCTION BOOK carefully and fully utilize each function of your machine to the best of your advantage.

CAUTIONS IN OPERATION

1. Don't put your hand under the needle when you turn the main switch "on" or operate the machine.
2. Don't put your fingers into the thread take-up cover.
3. Don't forget to turn the main switch "off" before you tilt the machine head back or remove the V-belt.
4. Never bring your fingers or hair close to, or place anything on the handwheel, V-belt, or motor during operation. It may lead to serious personal injuries.
5. If your machine is provided with a belt cover, finger guard and eye guard, never operate your machine with any of them removed.

SPECIFICATIONS

Model	MH-380	MH-382
Sewing type	Double chainstitch with 2-needle (in parallel)	Double chainstitch with 2-needle (in series)
Sewing speed	Max. 6,000 S.P.M.	
Needle	TV x 7, No.9 to No.21	
Stitch length	1.4mm(1/16") to 4mm(5/32")	
Thick stitches	Lever operation	
Stroke of needle bar	30mm(1-3/16")	
Needle gauge	1/8", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 1/2"	Parallel 0 x Series 3/16"
Needle thread take-up	Needle bar thread take-up system	
Presser foot	Same as the presser foot used for model MH-38.	With a chain-off thread presser
Looper	Independently adjustable looper, common to the gauge from 1/8" to 1/2".	
Needle guard	Both rocking type and stationary type	
Presser foot knee lifter	Amount of lift : 8mm(5/16") to 10mm(13/32")	
Lubrication system	Plunger pump	
Oil		

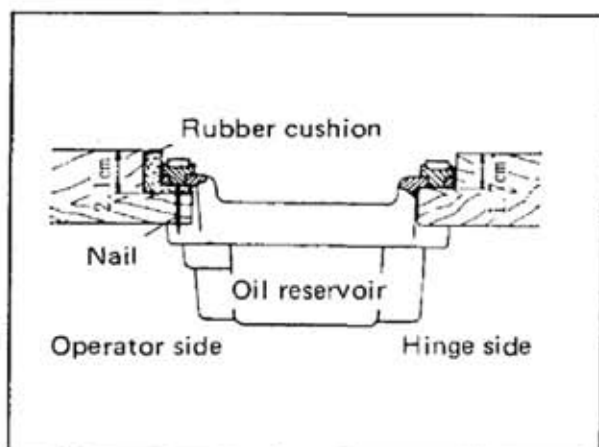
Due to improvements on the mechanisms, the method of operation or specifications may be changed without prior notice.

CONTENTS

1. HOW TO SET UP THE MACHINE	
1 Installing the oil reservoir	1
2 Motor pulley and the belt	1
2. HOW TO OPERATE THE MACHINE	
1 Important notice for operation	2
2 Lubrication	2
Adjusting the lubricating amount in the face plate section	
2-1 Installing the belt cover	3
3 Passing the needle thread	4
4 Passing the looper thread	5
5 Adjusting the thread tension	6
Needle thread	
Looper thread	
6 Adjusting the presser foot	6
Pressing force of the foot	
Presser foot hand lifter	
7 Adjusting the stitch length	7
8 Setting the needle	7
9 Silicon oil lubricant unit (Optional)	7
3. HOW TO ADJUST THE MACHINE	
1 Adjusting the presser foot and the feed dog	8
Height and angle of the presser bar	
Feed dog	
Timing of the motions between the feed dog and needles	
Counter force of the feed lever	
2 Adjusting the needle bar and the needle	9
Height of the needle bar	
3 Adjusting the looper with the needle	9
Looper avoiding motion	
Timing of the looper	
Motion of the looper to hook up the thread	
Clearance between the needle and the looper	
4 Matching the motion of the needle guards with the loop guide	11
The timing of the needle guard	
Position of the rocking needle guard	
5 Positioning the looper thread take-up	11
6 Position of the thread take-up lever	12
7 Position of the frame thread eyelet	12
8 Alternation of the needle gauge	12
4. MAINTENANCE OF THE MACHINE	13
5. TROUBLES AND THEIR CORRECTIVE MEASURES	14

1. HOW TO SET UP THE MACHINE

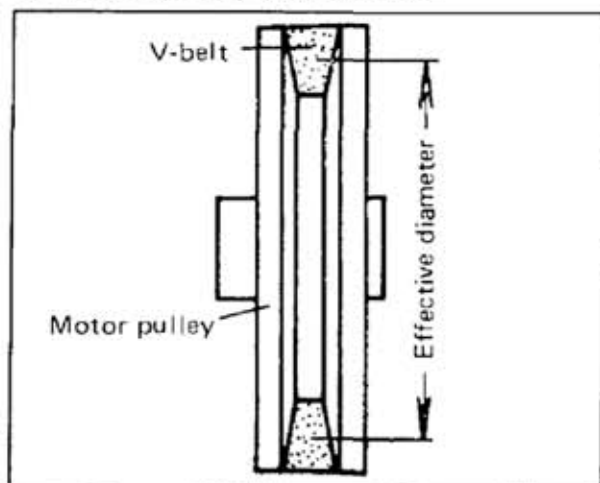
1. Installing the oil reservoir



Support the oil reservoir by the protruded 4 corners of the groove on the table, as shown in the drawing.

1. Nail the 2 rubber washers, which support the machine head, on the protruded part on the operator's side of the table.
2. Leave those 2 washers located on the other side (hinge side) as they are.
3. Place the oil reservoir on top.
4. Finally, insert the round felt on top of the rubber cushion.

2. Motor pulley and the belt



Both of the models, MH-380 and MH-382, have the maximum sewing speed of 6,000 s.p.m. If you operate the machine constantly at the maximum speed, you must drive it with a 3-phase, A.C. clutch-motor of 550W(3/4HP). But, you may use a 3-phase A.C. clutch-motor of 400W(1/2HP) for the sewing speed of 5,500 s.p.m. or less.

Apply a M-type V-belt for the connection of motor.

*The relation between the diameter of motor pulley and the sewing speed is shown in the following table.

(The meaning of "Effective diameter of the motor pulley" is a diameter as measured from the center of a V-belt when it is put around the pulley.) The optimum length of the V-belt is between 43 inches.

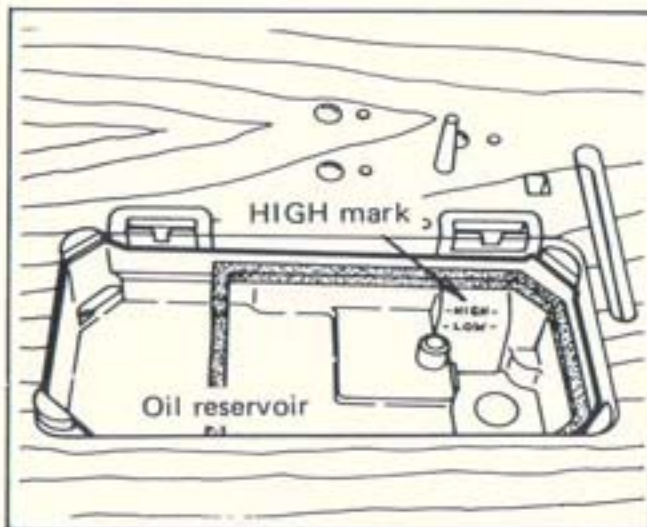
Frequency	Sewing speed	Motor pulley No.	Effective diameter of motor pulley
50 Hz	6,000 s.p.m.	MTKP0140000	140φ
	5,500 s.p.m.	MTKP0130000	130φ
	5,000 s.p.m.	MTKP0120000	120φ
	4,500 s.p.m.	MTKP0110000	110φ
60 Hz	6,000 s.p.m.	MTKP0120000	120φ
	5,500 s.p.m.	MTKP0110000	110φ
	5,000 s.p.m.	MTKP0100000	100φ
	4,500 s.p.m.	MTKP0090000	90φ

2. HOW TO OPERATE THE MACHINE

1. Important notice for operation

1. Do not start to operate the machine until the oil reservoir is filled up with the sufficient lubricating oil.
2. The rotational direction of the machine must be counterclockwise as seen from the pulley side. Do not rotate it toward the reverse direction by any means.
3. Although the maximum sewing speed is 6,000 s.p.m., operate your machine at a speed of about 4,500 s.p.m. for the first month. Thereafter, you may increase the sewing speed depending on the types of sewing works, sewing materials or thread and the experience of the operators.

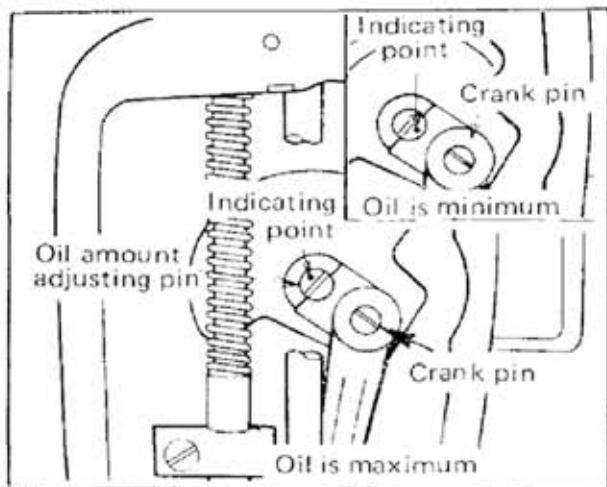
2. Lubrication



Before starting the machine;

1. Fill up the oil reservoir up to the level marked "HIGH".
2. Check always if the oil level does not go down below "LOW" mark.
3. As far as the machine is normally lubricated, you can see the oil splashing on the oil sight window.
4. When the oil has become dirty, replace it with fresh oil. Unscrew the oil plug from the oil reservoir when draining.
5. When the machine is to be operated for the first time or after a long period of disuse, give it with an idle run for about 10 minutes at a sewing speed between 3,500 s.p.m. to 4,000 s.p.m. with the presser foot kept at the highest position.





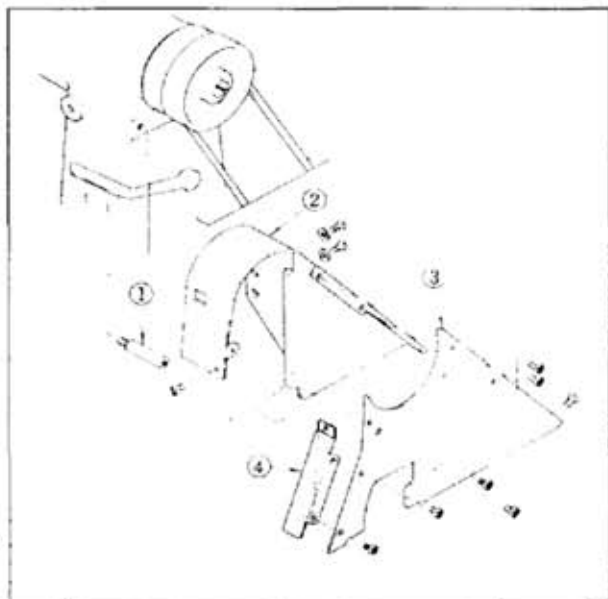
(Note) You must adjust it carefully, considering that the oil amount does not change immediately after the adjustment.

Adjusting the lubricating amount in the face plate section.

When adjusting the oil amount in the needle bar crank mechanism, remove the face plate, and turn the oil adjusting pin located at the main shaft end.

1. When the indicating spot on the adjusting pin is brought closer to the crank pin, the oil amount is minimized.
2. When the indicating spot is brought to the far side of the crank pin, the oil amount is maximized.

2-1 Installing the belt cover

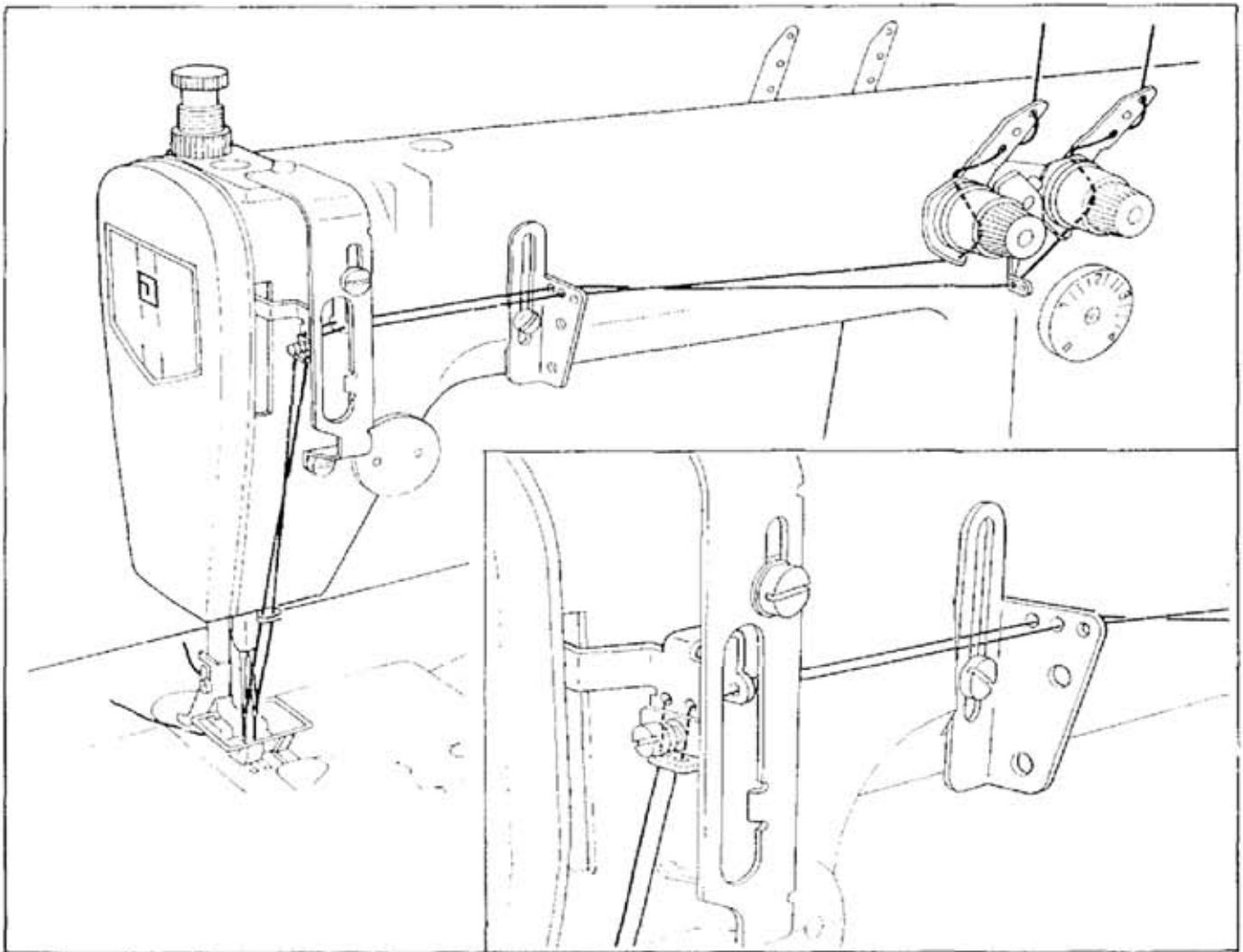


1. Screw belt cover support ① into the tapped hole in the arm.
2. Attach belt cover ② to the machine head, using the setscrew.
3. Slightly tilt the machine head backward, put belt cover top ③ inside the outer ring of the pulley, then fix belt cover top ③ with four screws.
4. Fix belt cover top ③ to support ①.
5. Loosen the setscrew of the belt cover. Properly position belt cover ②, then screw the belt cover.
6. Fix thread winder cover ④ with three screws.

3. Passing the needle thread

Pass the needle thread in accordance with the order shown in the illustration after the needle bar has been brought up to its highest position.

1. At the needle, pass the needle thread from the operator's side toward the far side.
2. Pull the thread out of the needle eye by about 10cm(4").



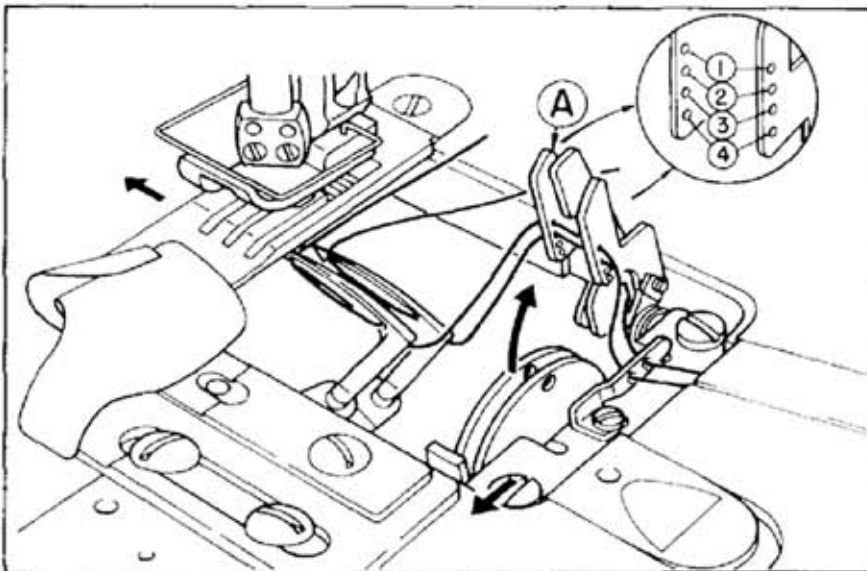
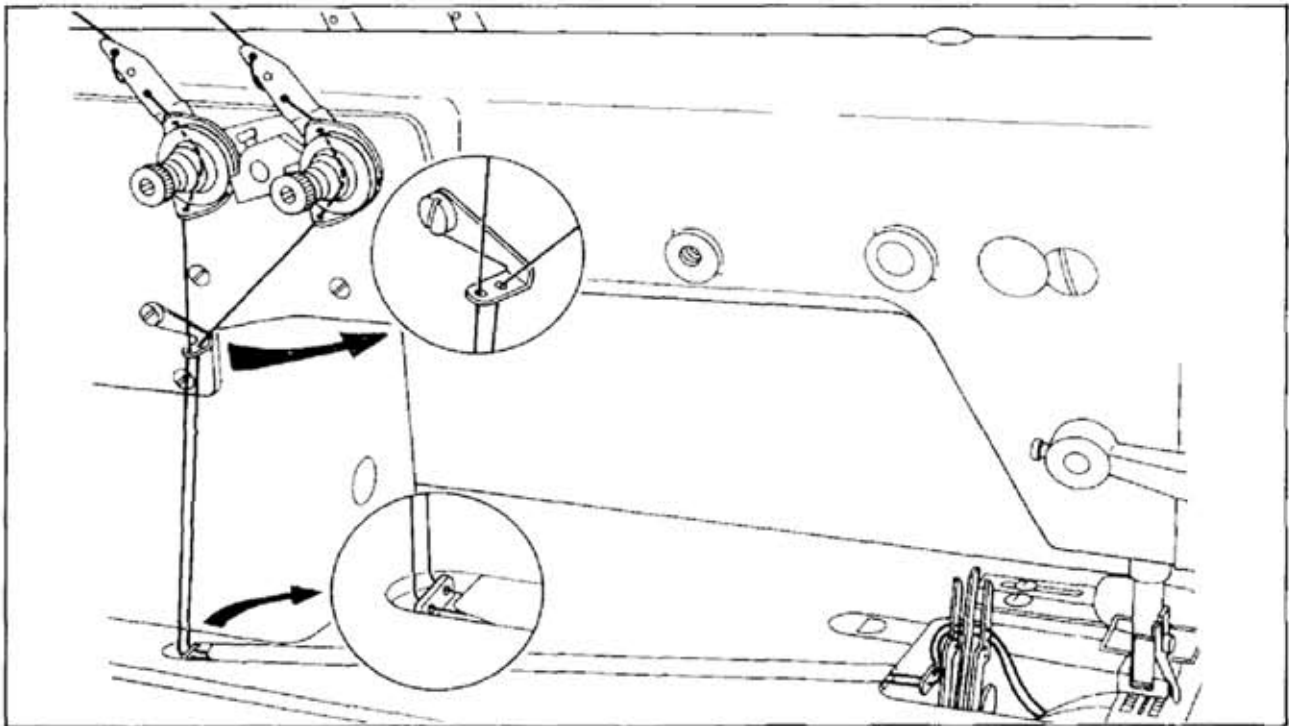
4. Passing the looper thread

Pass the thread as shown in the following illustration.

1. Pass the thread through the looper thread guide plate as shown in the illustration. When a tightly twisted thread is used or when a stitch is long, wind it twice.
2. When the plate spring is pulled toward you, (A) will rise.

There are 4 threading holes on (A). These 4 threading holes must be used depending on the characteristics of each thread to be used. Threading holes (1) and (2) are used for the elastic threads such as wooly nylon etc. or for producing a longer stitch than 3mm (1/8").

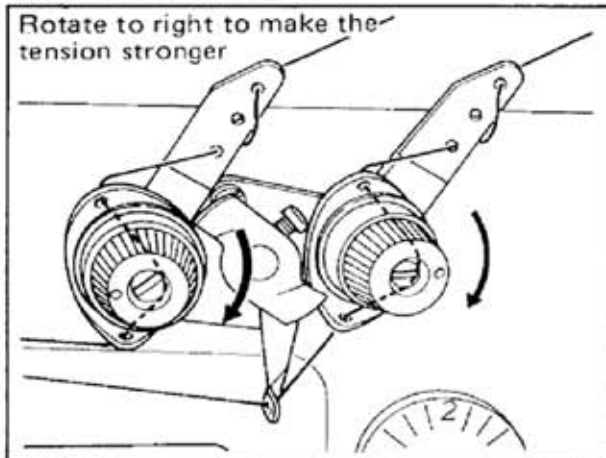
On the other hand, the holes (3) and (4) are used for the non-elastic threads like a cotton thread or the like.



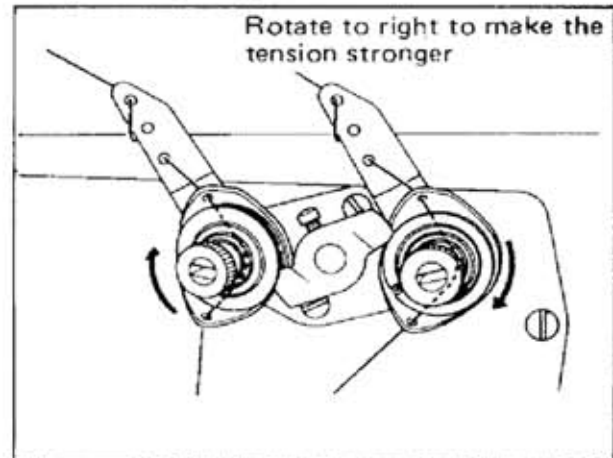
3. When passing a thread through the looper, use a pair of tweezers stored in the accessory box and pull the thread out of the looper by about 5cm (1-31/32").

5. Adjusting the thread tension

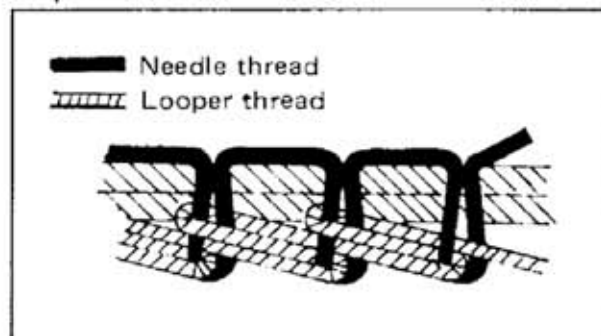
Needle thread tension



Looper thread tension

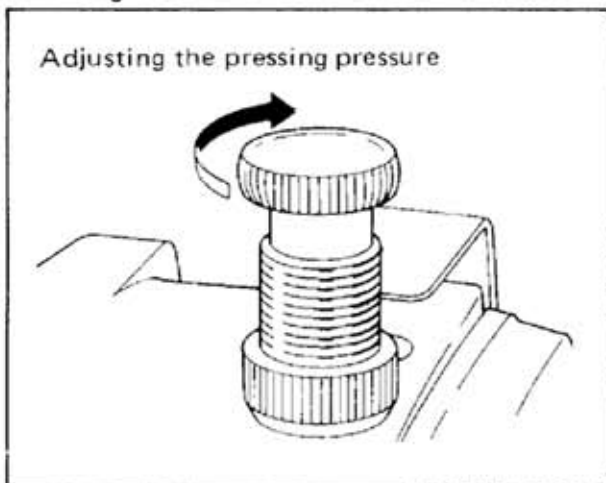


Relation between the needle thread and the looper thread



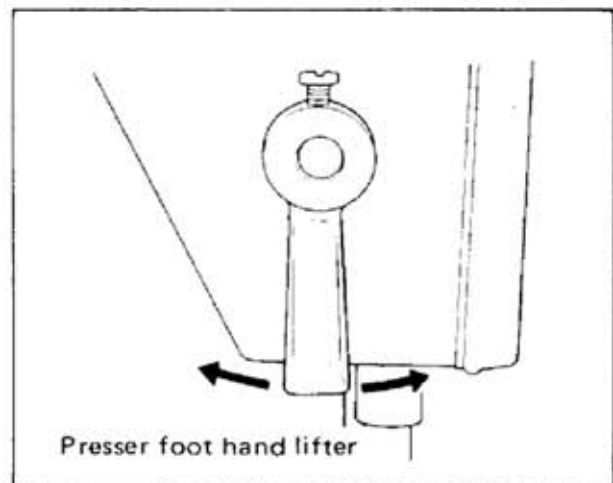
6. Adjusting the presser foot

Pressing force of the foot



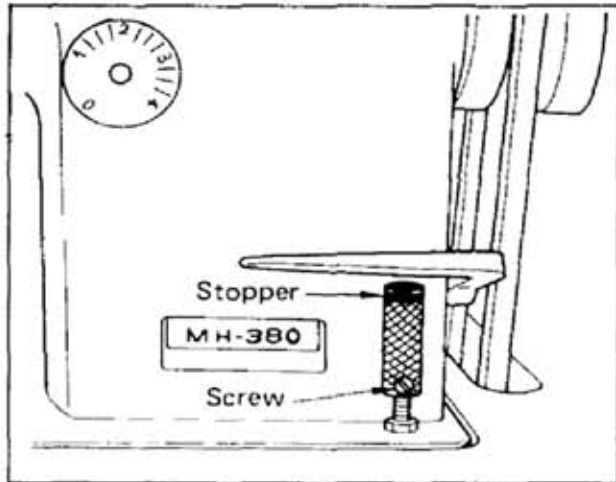
Turn the adjusting screw clockwise for increasing the pressing force and counterclockwise for decreasing it. The standard force is about 5 Kg. (11 lbs).

Presser foot hand lifter



In order to hold the presser foot at the highest position, turn this hand lifter either to left or right.

7. Adjusting the stitch length



Rotate the feed regulator dial located on the machine head just above the thick-stitch control lever.

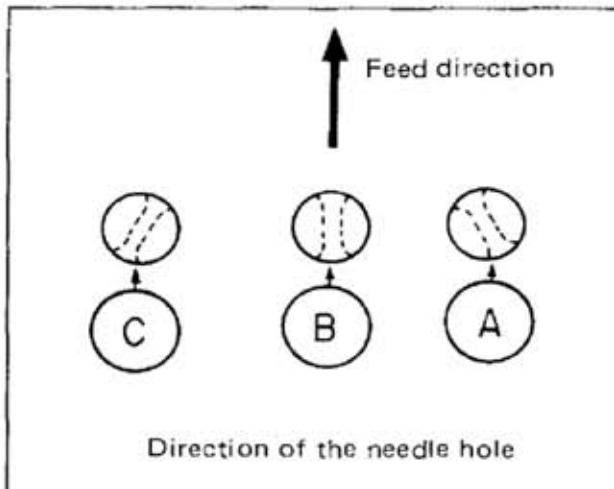
Each figure on the feed regulator dial represents the stitch length in millimeter (mm).

1. Rotate the feed regulator dial either to left or right and,
2. Set a desired stitch length to the pin protruding from the machine head.

*The maximum stitch length is 4mm(5/32").

3. You can produce the condensation stitch (1.4mm or 1/16") by pressing down the control lever. This condensation stitch is quite useful for reinforcing the stitch lines at starting and ending thereof and reinforce sewing in each part.

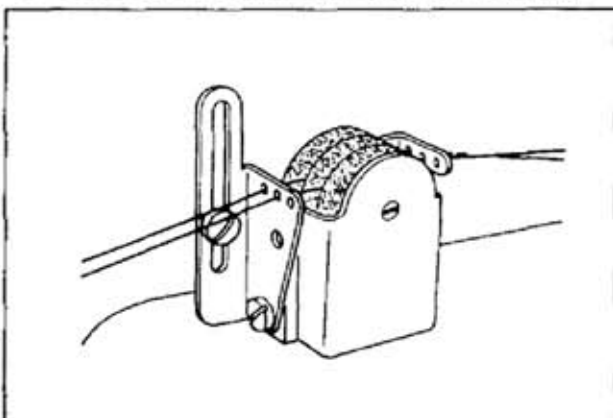
8. Setting the needle



Set the needles to it's position so that the needle eye is aligned with the feeding direction by the illustration ②.

Do not put it like ③ especially in the case of synthetic thread. Use a needle of TV x 7 from No.9 to No.21.

9. Silicon oil lubricant unit (Optional)

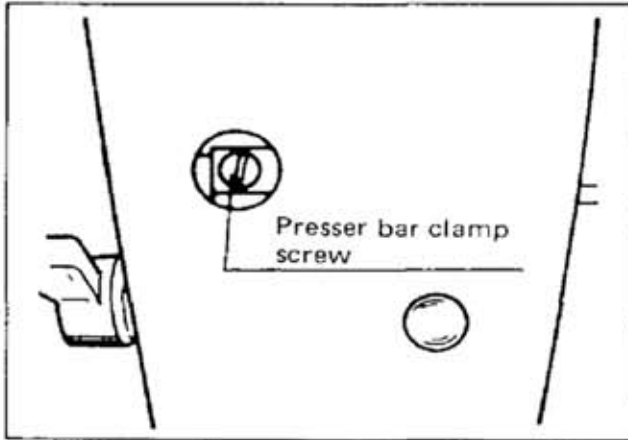


Silicon oil lubricant unit as shown in the illustration, which is useful for synthetic thread, is available as an optional part.

We are ready to ship upon your separate order.

3. HOW TO ADJUST THE MACHINE

1. Adjusting the presser foot and the feed dog.



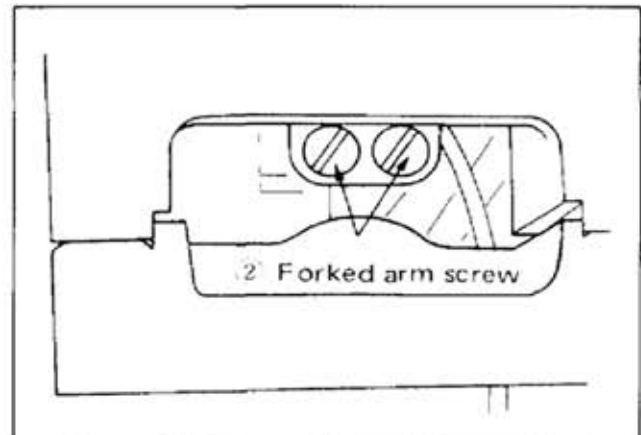
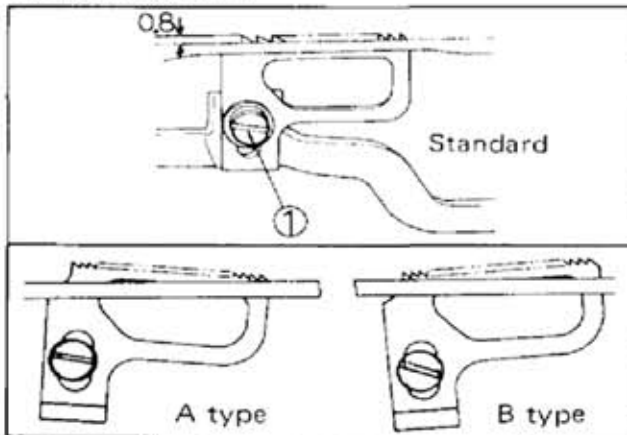
Height and angle of the presser bar

When you need to adjust the position of the presser foot by changing the height and the angle of the presser bar, for example after a presser foot was replaced, do it in the following way:

1. Remove the rubber plug from the face plate.
2. Insert a screw driver through the hole, loosen the clamping screw on the presser bar and adjust the height and angle.
3. After adjustment, securely tighten the clamping screw.

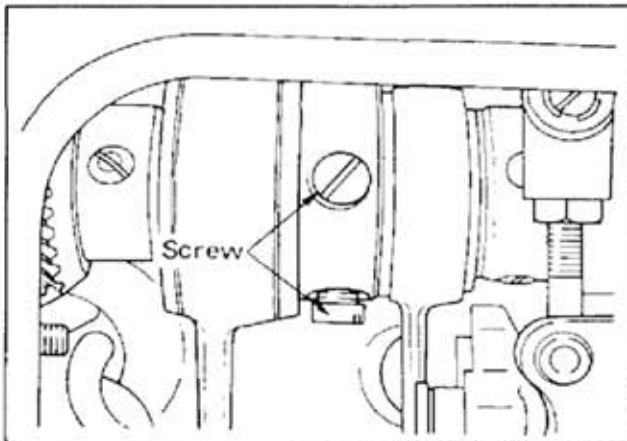
Feed dog

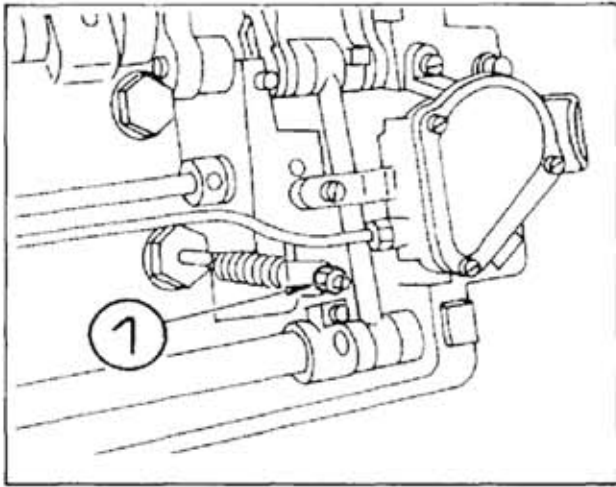
The feed dog can be tilted in either way of type A or type B, as shown in the illustration, beside of the horizontal position, by loosening the screws ②. The protrusion of the feed dog from the surface of the throat plate can be adjusted by turning the screw ①, but the maximum protrusion is 0.8mm(1/32").



Timing of the motions between feed dog and needle

Adjust the position of the feed dog by means of the screws shown in the figure so that it is brought down completely below the level of the throat plate surface when the needle has come down to 3mm(1/8") the level of the throat plate surface.



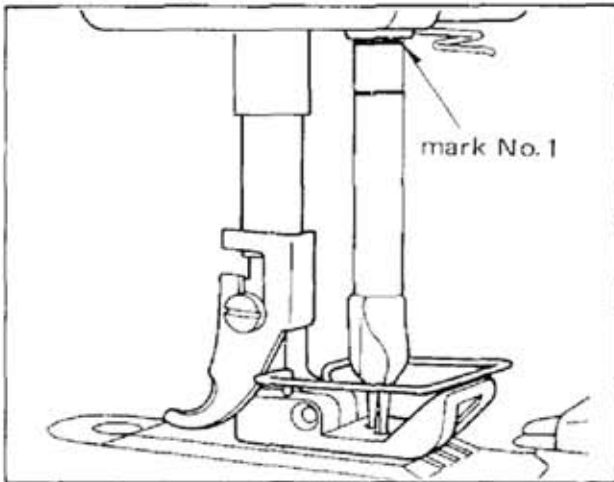


Counter force of the feed lever

The counter force of the feed lever produced by a spring has been set sufficiently enough so as to bring the lever back to its original position positively regardless of the stitch length at a high speed operation.

When you want to lessen the pressing force for sewing with the smaller stitches or for operating the machine at a lower speed, you can adjust the counter force by loosening the adjusting nut ① shown in the illustration.

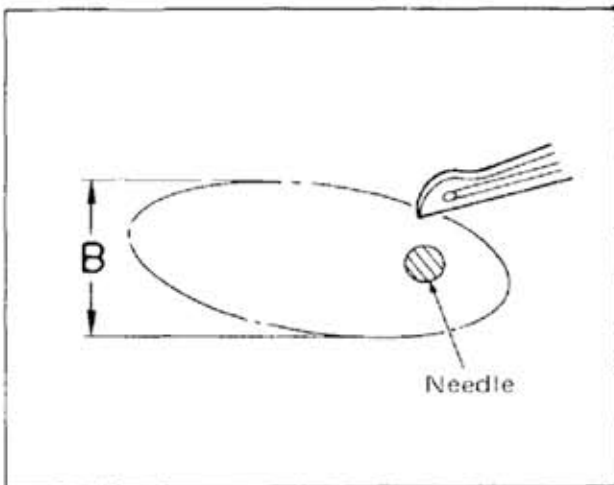
2. Adjusting the needle bar and the needle



Height of the needle bar

When ORGAN needles (TV × 7) are attached, use the engraved lines shown in the illustration for the height adjustment of the needle bar. Adjust the height of needle bar so that the engraved line (the mark No.1) comes to the same level as the bottom surface of the needle bar lower bushing when the needle bar has reached to its bottom dead point. (Please note that the vertical distance between the needle point and the top surface of the throat plate becomes 9.5mm(3/8") after this adjustment.)

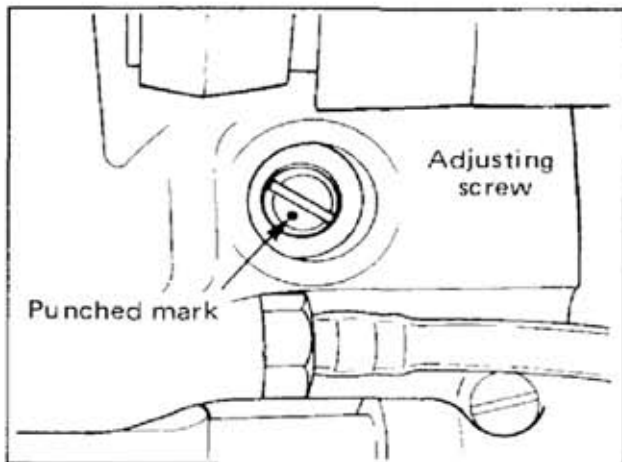
3. Adjusting the looper with the needle



Looper avoiding motion

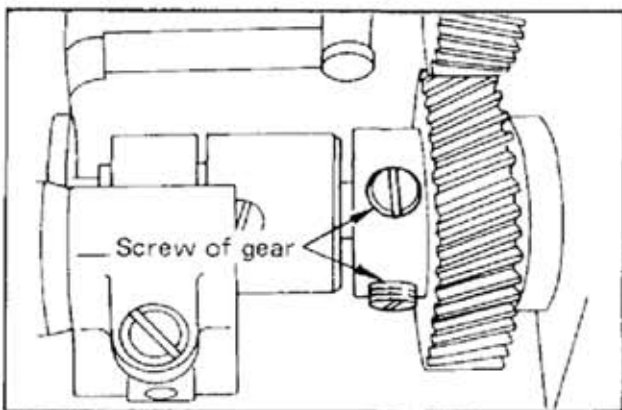
The looper avoiding motion with a distance from the front to the rear of the needle position (the distance represented by "B" on the illustration) can be adjusted in the way mentioned below.

With the maximum "B" distance of 3.7mm (9/64"), normally you may be able to form stitches using any number of needle.



1. Remove the rubber cap.
2. Rotate the hand wheel manually.
3. The heads of the plated adjusting screw, flat headed screw and clamp screw will be appearing one after another. Firstly, loosen the flat headed and clamp screws.
4. The said "B" distance will be increased by bringing the marked spot on the adjusting screw to it's right side.

Finally, securely tighten the clamp screw after tightening the flat headed screw at the optimum position.



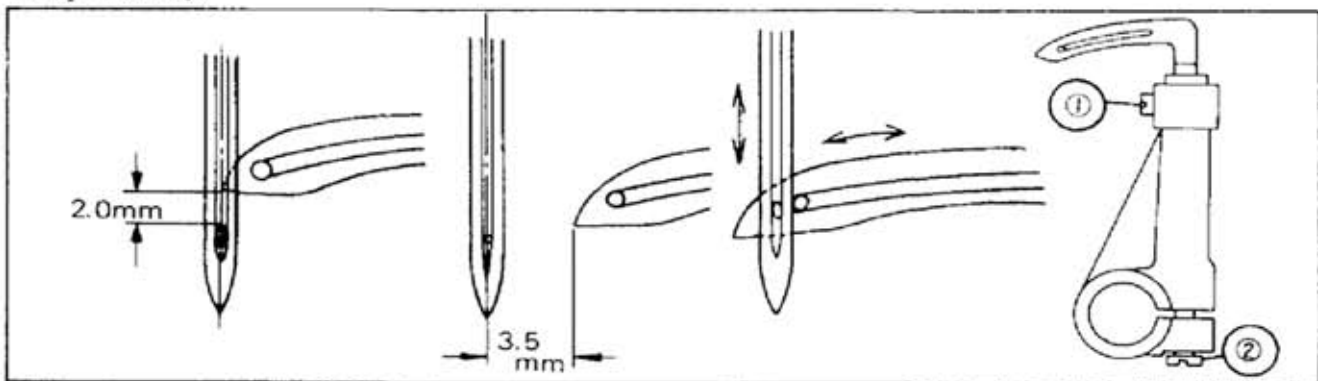
Timing of the looper

The looper will reach it's extremely right position when the needle has attained it's bottom dead point.

This adjustment can be made by loosening the set screw of the gear as shown in the illustration.

Motion of the looper to hook up the thread

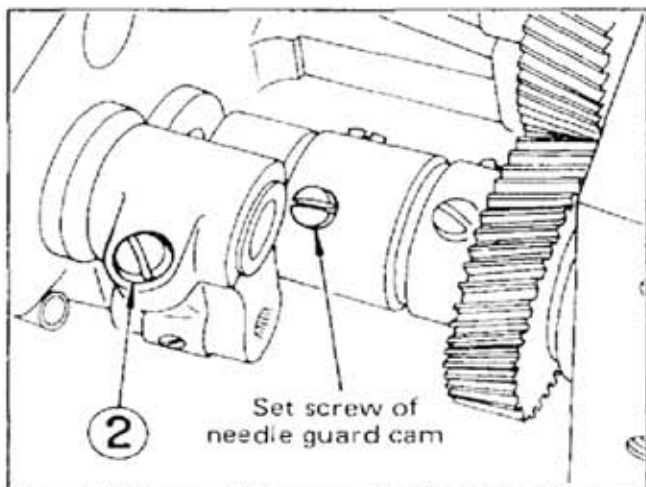
When the looper point has reached the center of the needle, the standard vertical distance from the looper point to the upper end of the needle eye is 2.0mm(5/64"). Adjust the looper position so that it's point comes to the center of the needle when the No.2 engraved line on the needle bar coincides with the level of bottom surface of the needle bar lower bushing. And the backward stroke of the looper will become 3.5mm(9/64") and the needle eye and the looper eye will be positioned as shown in the drawing. You can adjust the positions of left and right loopers independently.



Clearance between the needle and the looper

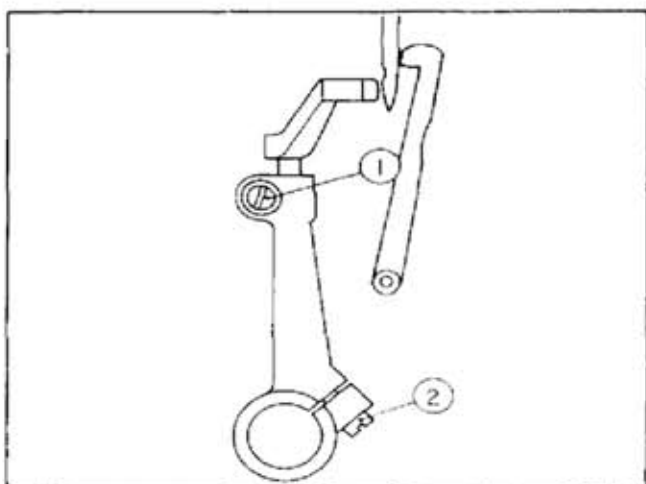
After adjusting the needle guard, verify that the needle does not come into contact with the looper point even through the needle is pushed lightly with your finger. If the clearance is not adequate, they will be in contact with each other and the damage will be caused.

4. Matching the motion of the needle guards with the loop guide



The timing of the needle guard

The timing of the needle guard is determined by matching the set screw (the first set screw) with the flat part of the shaft as shown in the illustration.



Position of the rocking needle guard

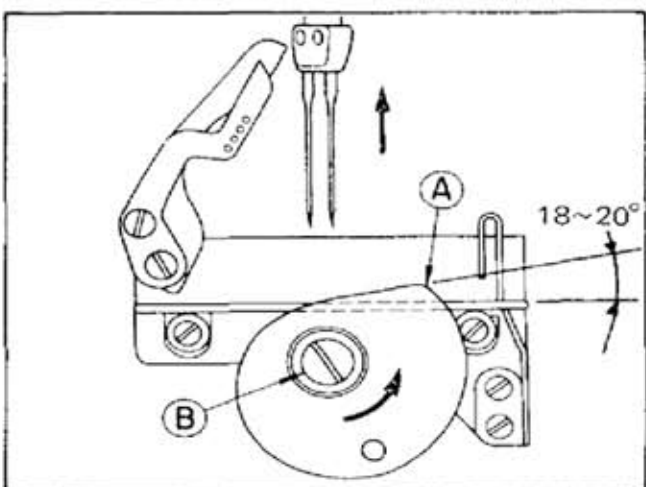
This adjustment can be done after the set screws ① and ② have been loosened.

Adjust the position of the rocking needle guard so that the needle lightly touches it when the looper picks up the needle thread and give it with a suitable height so as to keep it from touching the stationary needle guard.

The illustration shows the relative position between the rocking and stationary needle guards. The needle guards must be kept away from a needle with a distance of 0.1mm to 0.2mm so that they are not allowed to tightly hold the needle during operation.

Especially in the case of model MII-382, you must adjust the needle guard with care so as to let them work efficiently to the rear needle.

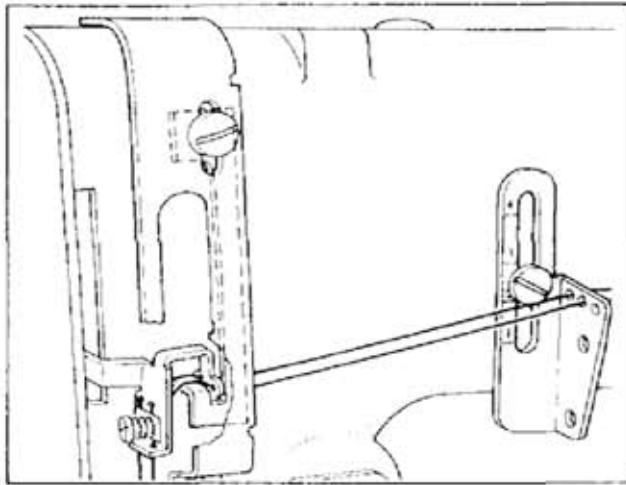
5. Positioning the looper thread take-up



Loosen the screw ③ and adjust the looper thread take-up so that its recessed section is in parallel with the cast-off wire or that its sharp edge ④ is tilted slightly upwards when the needle bar has reached its top dead point.

Do not forget to re-tighten the screw ③ after adjustment and also to make sure that the needle point comes down through a triangular loop formed by the looper thread, as shown in the figure, when the looper thread is escaping from the sharp edge ④ of the on looper thread take-up cam.

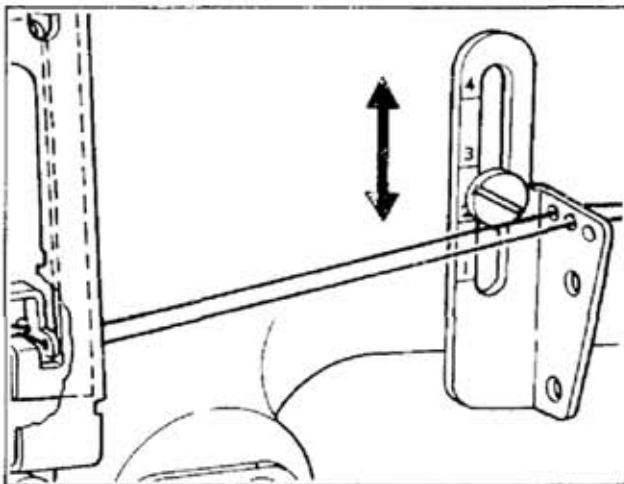
6. Position of the thread take-up lever



A larger loop is formed by the needle thread and, at the same time, a formed loop is more tightened by adjusting the motion of the thread take-up lever in such a manner as to haul the needle thread, upwards, as shown in the illustration, when the needle bar has reached its bottom dead point.

When a thin thread is used, you must bring the thread take-up lever down to the lowest position.

7. Position of the frame thread eyelet



The setting position of the frame thread eyelet may cause some faulty stitches like a skipped stitch. To prevent such faulty stitches, we recommend you to use the following graduation depending on the type of threads;

Cotton thread No.80 to No.50 :

Frame thread eyelet graduation 2 to 3

Cotton thread No.30 to No.20 :

Frame thread eyelet graduation 3 to 4

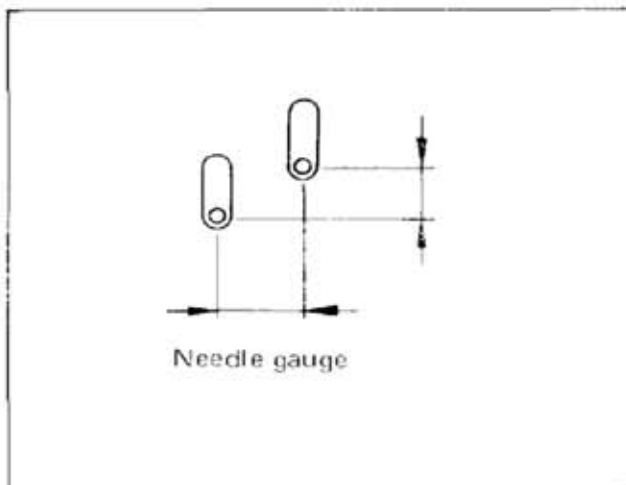
Synthetic thread No.80 to No.50 :

Frame thread eyelet graduation 1 to 2

Synthetic thread No.30 to No.20 :

Frame thread eyelet graduation 2 to 3

8. Alternation of the needle gauge



The standard needle gauge of MH-380 is 1/4" (6.4mm).

When changing the needle gauge, 1) Needle clamp, 2) Presser foot, 3) Throat plate, 4) Feed dog, 5) Rocking needle guard and 6) Binder must accordingly be replaced.

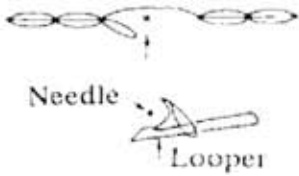
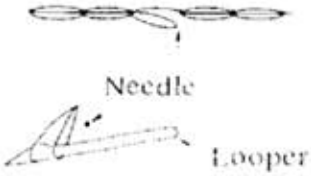
The left and right loopers are commonly used for the gauges from 1/8" to 1/2".

If any gauge larger than the above may be used, the bed slide and the cam cover must also be replaced in addition to the above parts.

4. MAINTENANCE OF THE MACHINE

In order to keep your machine in the best condition constantly, the following maintenance is essential:

1. Daily checkup
 - Verify that the lubricating oil is properly circulating by watching it through the oil sight window.
 - If you hear any unusual noise during operation, you have to ask for a thorough check by your maintenance engineer.
2. Weekly checkup
 - * Detach the throat plate, bed slide and cam cover and remove any dust from the teeth of the feed dog with a brush.
 - * Tilt the machine head backwards and,
 - 1) Remove any fibrous dust from the oil pump filter screen and the oil reservoir.
 - 2) When the lubrication oil has become dirty, drain it through the oil drain screw cap and fill it
 - 3) Verify that the oil level is above "LOW" mark.
 - 4) Clean up the oil reservoir magnet with a cloth.

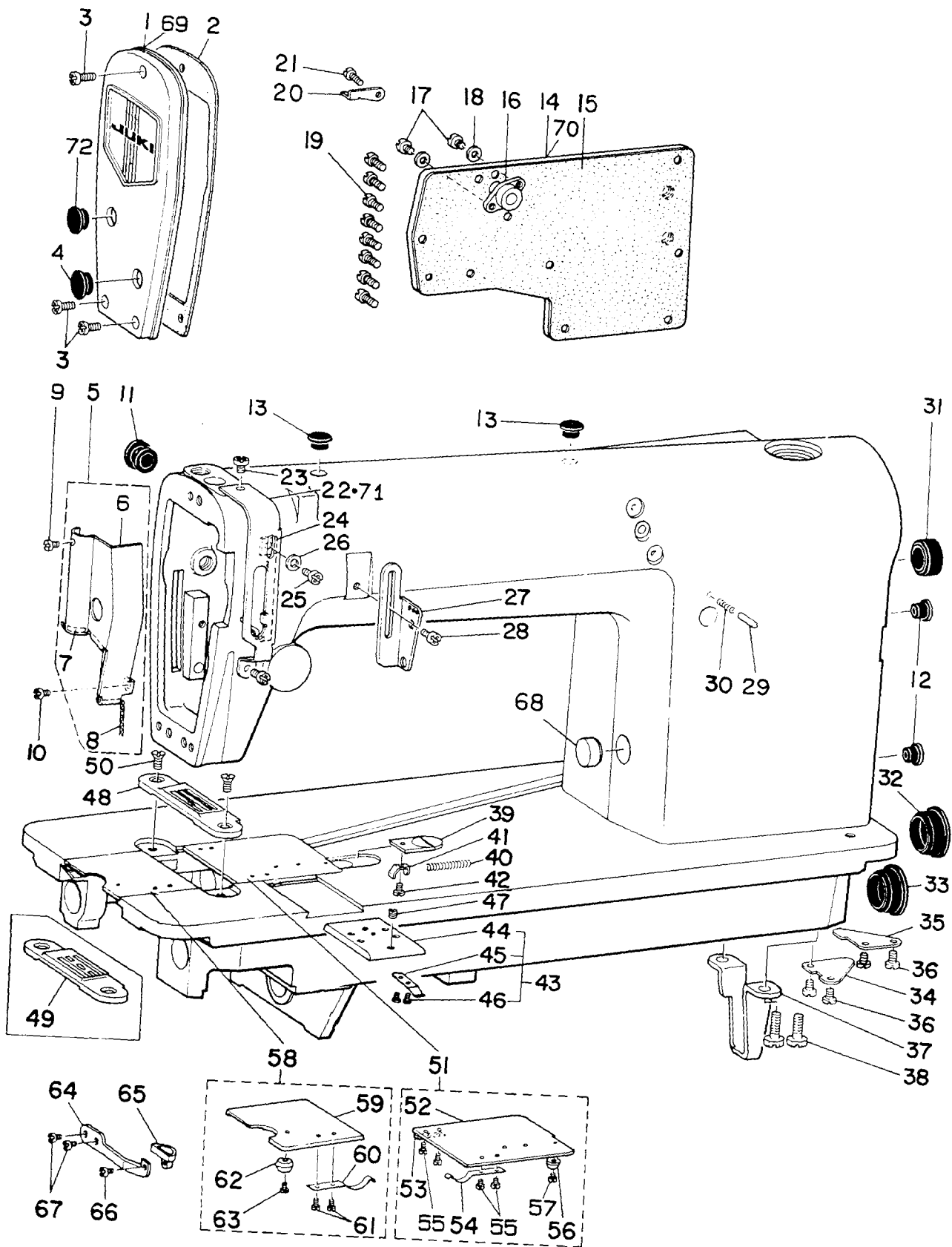
No. Troubles	Causes	Corrective measures	Ref. pages
	<p>2. An independent seam is skipped on the looper thread.</p>  <p>Needle Looper</p> <p>This trouble is caused when the needle failed to come down through a triangular loop formed by the looper thread.</p> <p>3. Seam is skipped on the needle thread due to insufficient interlooping.</p>  <p>Needle Looper</p> <p>This trouble is caused when the needle thread is inclined extremely to the left. If it is caused in the use of a chemical and synthetic fiber thread.</p>	<ol style="list-style-type: none"> 1. Refer to the above ① and ②. 2. Check the timing of the looper thread take-up. 3. Increase the looper thread tension slightly. 4. Verify the thread is correctly passed through. <ol style="list-style-type: none"> 1. Refer to the above ① and ②. <ol style="list-style-type: none"> 1. Reduce the sewing speed. 2. Apply silicon oil lubricant. 3. Use a needle for chemical fiber threads. <ol style="list-style-type: none"> 1. Reduce the sewing speed. 2. Apply silicon oil lubricant. 	<p>11</p> <p>6</p> <p>4, 5</p>
<p>3. Inadequate tightness of stitches</p>	<ol style="list-style-type: none"> 1. Needle thread tension is too low. 2. Looper thread tension is too high. 3. Looper thread take-up does not supply a sufficient length of thread. 	<ol style="list-style-type: none"> 1. Tighten the needle thread tension nut. 2. Loosen the looper thread tension nut. 3. Change the threading order in the looper thread guide. 	<p>6</p> <p>6</p> <p>11</p>

No. Troubles	Causes	Corrective measures	Ref. pages
	4. Thread is too thick for the needle size. 5. Set position of the frame thread eyelet is not suitable. 6. Position of the thread take-up lever is not suitable. 7. Throat plate does not fit.	4. Try to use a different needle. 5. Try to lower the position. 6. Try to push it up. 7. Replace it with other throat plate which has larger needle hole.	7 12 12
4. Needle breakage	1. Needle is bent. 2. The timing of the needle motion with that of needle is not correct. 3. Position of the presser foot is wrong. 4. Motion of the needle guard is not adequate. 5. The tension of needle thread is too high. 6. Thickness of the needle is not suitable.	1. Replace it with a straight needle. 2. Adjust the timing. 3. Align the needle holes on the throat plate and the presser foot with the center line of the needle. 4. Check the position and timing of the motion of the needle guard. 5. Loosen the tension. 6. Replace it with a suitable needle in accordance with the quality and weight of the sewing material.	7 11 11 6 7
5. Puckering	1. Thread tension is too high. 2. Timing of the looper thread take-up is wrong. 3. Thread paths are not smooth. 4. Pressing force of the presser foot is too much.	1. Reduce the thread tension, especially the looper thread. 2. Adjust it, if necessary. 3. Make them smooth. 4. Adjust it by loosening the presser spring regulator.	13 11 6

CONTENTS

1	MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS.....	1
2	MAIN SHAFT & NEEDLE BAR COMPONENTS.....	3
3	PRESSER BAR, UPRIGHT SHAFT & LOWER SHAFT COMPONENTS	5
4	FEED MECHANISM COMPONENTS (1)	7
5	FEED MECHANISEM COMPONENTS (2)	9
6	LOOPER & NEEDLE GUARD COMPONENTS	11
7	THREAD TENSION CONTROLLER COMPONENTS	13
8	OIL LUBRICATION MECHANISM COMPONENTS	15
9	OIL RESERVOIR & KNEE LIFTER COMPONENTS	16
10	THREAD STAND COMPONENTS	17
11	SILION OIL LUBRICANT & BELT COVER COMPONENTS	19
12	TABLE OF EXCHANGE GAUGE SETS FOR MH-380 & 382	20

1. MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS

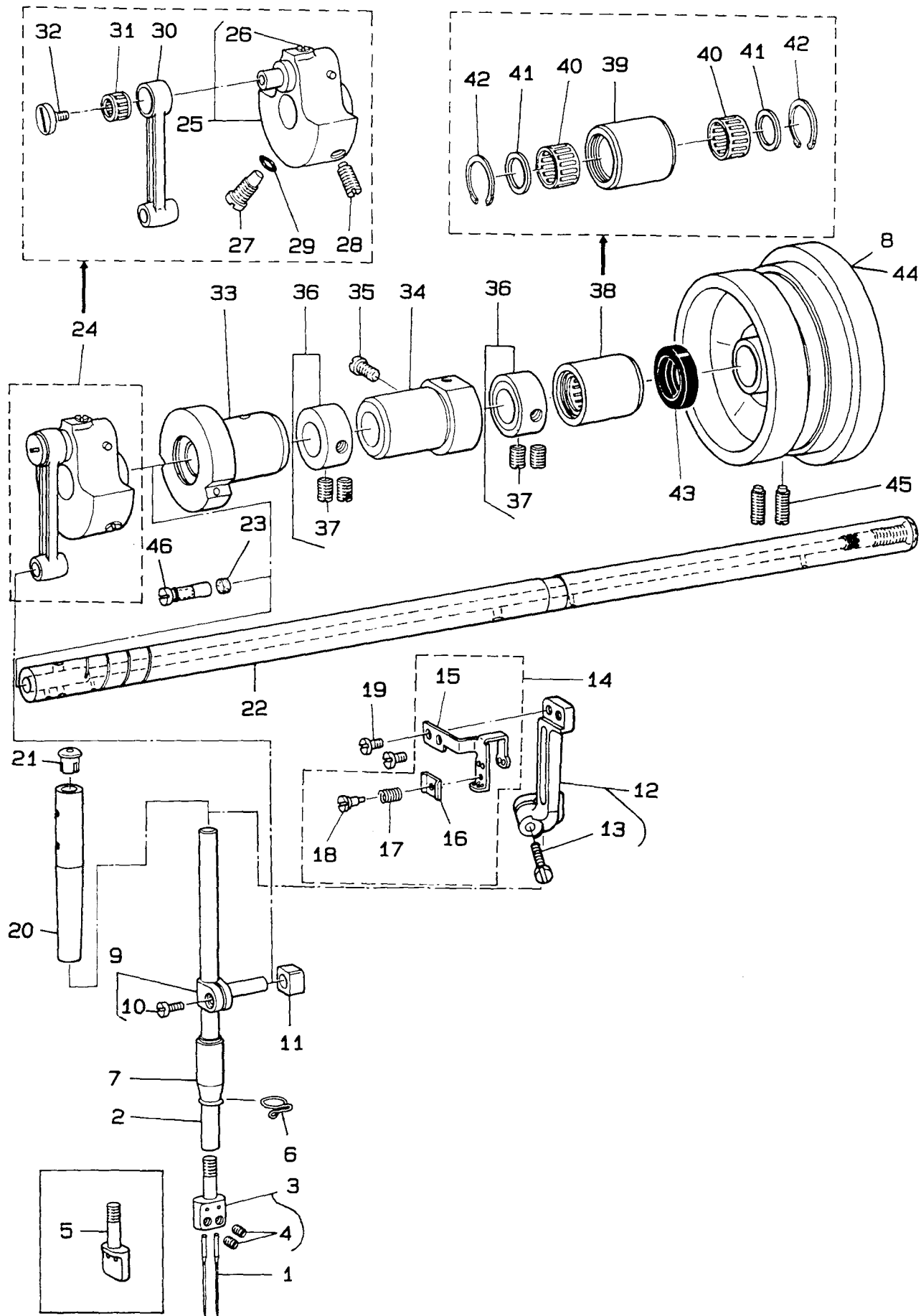


REF.NO	NOTE	PART NO.	DESCRIPTION	ヒ ン メ イ	Qty
1		B1121-552-0A0	FACE PLATE ASM.		1
2		B1122-552-000	FACE PLATE GASKET		1
3		SS-4111015-SP	SCREW 11/64-40 L=10	11/64-40 L=10	3
4		TA-1250406-R0	RUBBER PLUG	D=12.5 L=4	1
5		B1130-481-0A0	ARM OIL SHIELD ASM.	ユニバーサル クミ	1
6		B1130-481-000-A	ARM OIL SHIELD		(1)
7		B1131-481-000	NON-WOVEN FABRIC		(1)
8		B1132-481-000	OIL WICK		(1)
9		SS-6080320-SP	SCREW 1/8-44 L= 2.5	ヒラネジ 1/8-44 L=2.5	1
10		SS-4110515-SP	SCREW 11/64-40 L=5	ナメネジ 11/64-40 L=5	1
11		TA-1250705-R0	RUBBER PLUG	トメセン	1
12		TA-0750704-R0	RUBBER PLUG	トメセン	2
13		TA-1050504-R0	RUBBER PLUG	トメセン	2
14		B1118-481-000	SIDE PLATE	マトイタ	1
15		B1119-481-000	GASKET	マトイタ ハウキ	1
16		D3111-481-C00-A	TENSION RELEASE SHAFT BUSHING	イトムメ ジョウケ	1
17		SS-6090630-SP	SCREW 9/64-40 L=6	ヒラネジ 9/64-40 L=6	2
18		B3534-012-000	GASKET	ハウキ	2
19		SS-4110815-SP	SCREW 11/64-40 L=8	ナメネジ 11/64-40 L=8	8
20		B3122-481-000	FRAME THREAD GUIDE	イトアンナイ	1
21		SS-4110515-SP	SCREW 11/64-40 L=5	ナメネジ 11/64-40 L=5	1
22		B1904-481-000	THREAD TAKE-UP LEVER GUARD	デンヒンカハ	1
23		SS-4110515-SP	SCREW 11/64-40 L=5	ナメネジ 11/64-40 L=5	2
24		B1903-481-000	TAKE-UP THREAD TENSION LEVER	デンヒン レバ	1
25		SS-4110515-SP	SCREW 11/64-40 L=5	ナメネジ 11/64-40 L=5	1
26		WP-0480856-SP	WASHER 4.8X8.4X0.8	ヒラネジ 4.8X8.4X0.8	1
27		B1905-380-000	FRAME THREAD EYELET	チューカン イトアンナイ	1
28		SS-4110515-SP	SCREW 11/64-40 L=5	ナメネジ 11/64-40 L=5	1
29		110-52701	PIN	オクリ チヨウセツ ピン	1
30		B1148-555-000	SPRING	オクリ チヨウセツ ピンハネ	1
31		TA-2101002-R0	RUBBER PLUG	トメセン	1
32		TA-2351305-R0	RUBBER PLUG	トメセン D=23.5 L=11.5	2
33		TA-2351004-R0	RUBBER PLUG	トメセン	1
34		B1134-481-000	BED OIL SHIELD	ハット ユニバーサル	1
35		B1135-481-000	BED OIL SHIELD (B)	ハット ユニバーサル B	1
36		SS-7110510-SP	SCREW 11/64-40 L=5	マルヒラネジ 11/64-40 L= 5	4
37		B1106-122-000	BED SUPPORT PLATE	ハット シンハ	1
38		SS-9151440-CP	SCREW 15/64-28 L=14	ロウカクホルト 15/64-28 L=14	2
39		B1110-481-000-A	CAM COVER LATCH	カムカハ オウエ	1
40		B1111-481-000	SPRING	カムカハ オウエハネ	1
41		B1112-481-000-A	SPRING SUSPENSION	カムカハ オウエ ハネカケ	1
42		SS-6080320-SP	SCREW 1/8-44 L= 2.5	ヒラネジ 1/8-44 L=2.5	1
43		B1111-380-0A0	ATTACHMENT INSTALLING PLATE AS	アタツチメント トリツケイタ クミ	1
44		B1111-380-000	ATTACHMENT INSTALLING PLATE	アタツチメント トリツケイタ	(1)
45		B1112-380-000	SPRING	アタツチメント トリツケイタハネ	(1)
46		SS-6060220-SP	SCREW 3/32-56 L= 2.0	ヒラネジ 3/32-56 L=2	(2)
47		SS-8150310-SP	SCREW 15/64-28 L= 3.4	トメネジ 15/64-28 L=3.4	1
48	#01	B1103-380-F00	THROAT PLATE 1/4"	ハリイタ 1/4	1
49	#02	B1103-382-000	THROAT PLATE	ハリイタ	1
50		SS-2110920-TP	SCREW 11/64-40 L=8.5	マルヒラネジ 11/64-40 L=8.5	2
51		B1108-380-BA0	CAM COVER ASM.	カムカハ クミ	1
52		B1108-380-B00	CAM COVER	カムカハ	(1)
53		B1108-481-000	CAM COVER SUPPORT	カムカハ オウエ	(1)
54		B1109-481-000	SPRING	カムカハ ハネ	(1)
55		SS-6060210-SP	SCREW 3/32-56 L= 1.9	ヒラネジ 3/32-56 L=1.9	(4)
56		B1107-481-000	CAM COVER GUIDE	カムカハ アンナイ	(1)
57		SS-6060340-SP	SCREW 3/32-56 L= 2.5	ヒラネジ 3/32-56 L=2.5	(1)
58		B1104-380-AA0	BED SLIDE ASM.	スベリイタ クミ	1
59		B1104-380-A00	BED SLIDE	スベリイタ	(1)
60		B1115-380-000	SPRING	スベリイタ ハネ	(1)
61		SS-6060210-SP	SCREW 3/32-56 L= 1.9	ヒラネジ 3/32-56 L=1.9	(2)
62		B1107-380-000	BED SLIDE GUIDE	スベリイタ アンナイ	(1)
63		SS-6060340-SP	SCREW 3/32-56 L= 2.5	ヒラネジ 3/32-56 L=2.5	(1)
64		B1105-380-000	BED SLIDE STOPPER	スベリイタロウカクハネ	1
65		B1106-380-000	LATCH	トツテ	1
66		SS-4080415-SP	SCREW 1/8-44 L=4	ナメネジ 1/8-44 L=4	1
67		SS-4110515-SP	SCREW 11/64-40 L=5	ナメネジ 11/64-40 L=5	2
68		TA-1750502-R0	RUBBER PLUG	アナキヤツブ 17.5X5	1
69	#03	B1121-552-00A	FACE PLATE	メンイタ	1
70	#03	B1118-481-00A	SIDE PLATE	マトイタ	1
71	#03	B1904-481-00A	THREAD TAKE-UP LEVER COVER	デンヒンカハ	1
72		TA-2050406-R0	RUBBER PLUG	トメセン	1

Note (注記) #01.....FOR MH-380
#02.....FOR MH-382
#03.....FOR URBAN WHITE

MH-380 用
MH-382 用
アーバンホワイト用

2. MAIN SHAFT & NEEDLE BAR COMPONENTS
 上軸・針棒關係

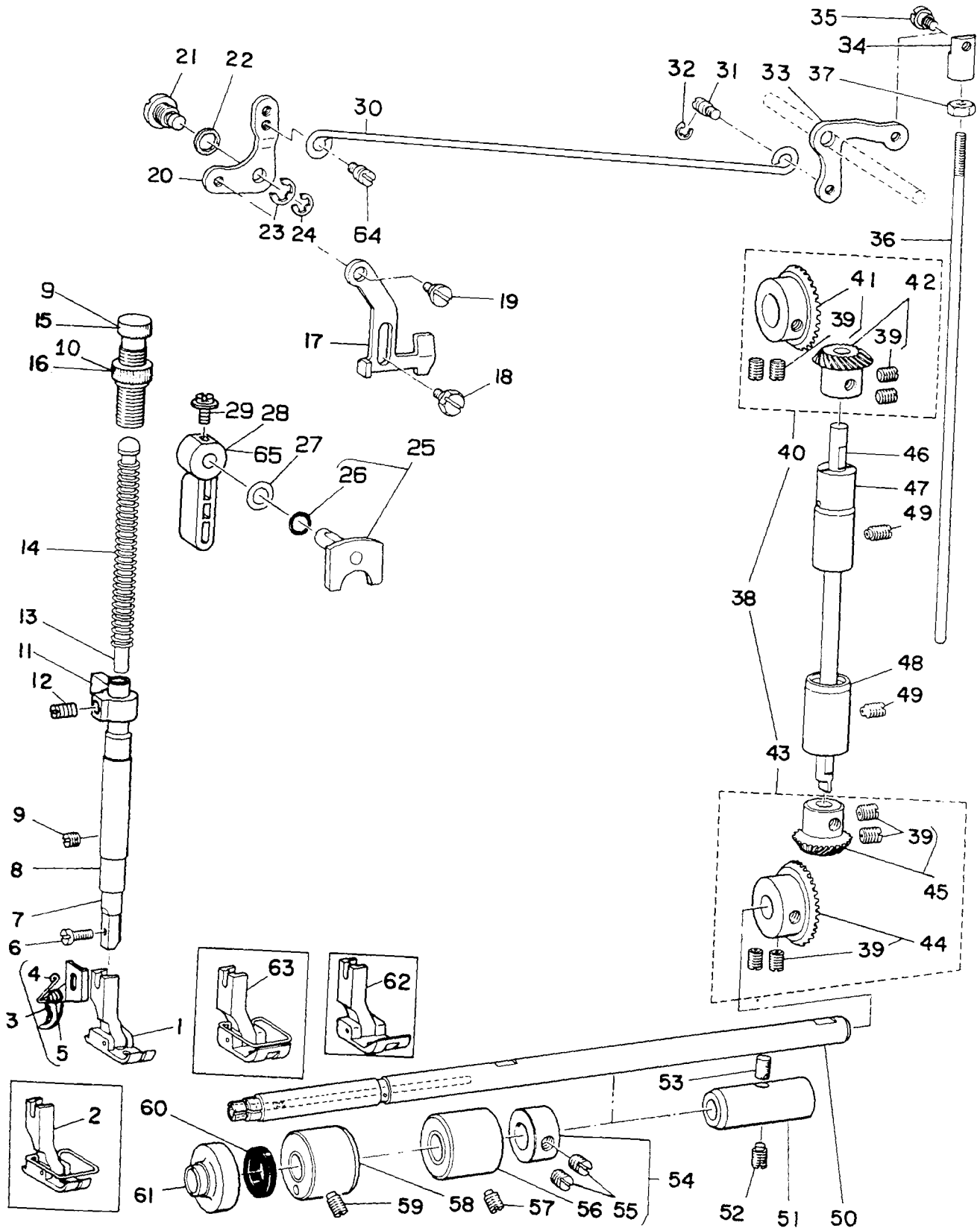


REF.NO	NOTE	PART NO.	DESCRIPTION	ヒ ン メ イ	Qty
1		MTV-700B1400	NEEDLE TVX7 #14	ハリ TVX7 #14	2
2		B1401-380-000	NEEDLE BAR	ハリホ-	1
3	#01	B1406-019-FA0	NEEDLE CLAMP ASM. 1/4"	ハリトメ 1/4 クミ	1
4	#01	SS-8110310-SP	SCREW 11/64-40 L= 2.8	トメネジ 11/64-40 L=2.8	(2)
5	#02	D1406-038-BA0	NEEDLE CLAMP ASM.	タテ 2ホソハリ ハリトメ クミ	1
6		B1419-380-000	NEEDLE BAR THREAD GUIDE	ハリホ-イトアンナイ	1
7		B1403-380-000	NEEDLE BAR BUSHING, LOWER	ハリホ- シタメタル	1
8	#03	B1217-490-00A	HAND WHEEL	ハズミクマ	1
9		B1411-481-0A0	NEEDLE BAR CONNECTION ASM.	ハリホ-タキ クミ	1
10		SS-6090670-TP	SCREW 9/64-40 L=6	ヒラネジ 9/64-40 6=6	(1)
11		B1414-555-000	SLIDE BLOCK	ハリホ-タキ アンナイコウ	1
12		B1902-481-0A0-B	THREAD TAKE-UP LEVER ASM.	デンヒンウチ クミ	1
13		SS-6091210-TP	SCREW 9/64-40 L=12	ヒラネジ 9/64-40 L=12	(1)
14		B1901-380-0A0	THREAD TAKE-UP ASM.	デンヒン クミ	1
15		B1901-481-000-A	THREAD TAKE-UP	デンヒン	(1)
16		B1908-481-000-A	THREAD TENSION REGULATING PLAT	デンヒン イトチヨ-シイタ	(1)
17		D1910-481-C00	TENSION SPRING	デンヒン イトチヨシハネ	(1)
18		B1909-481-000-A	THREAD TENSION REGULATING STUD	デンヒン イトチヨウシイタシク	(1)
19		SS-6090670-TP	SCREW 9/64-40 L=6	ヒラネジ 9/64-40 6=6	2
20		B1402-552-000-A	NEEDLE BAR BUSHING, UPPER	ハリホ- ウラメタル	1
21		B1405-012-000	CAP	キャップ	1
22		B1201-481-000-A	MAIN SHAFT	ウワジユク	1
23		B1226-552-000	ROLLER FELT	フェルト	1
24		B1206-481-0A0	COUNTERWEIGHT ASM.	ツリアイオモリ クミ	1
25		B1206-481-0B0	COUNTERWEIGHT ASM.	ツリアイオモリ クミ	(1)
26		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ 15/64-28 L=7	(1)
27		SS-7681650-TP	SCREW 9/32-28 L=16	マルヒラネジ 9/32-28 L=16	(1)
28		SS-8681650-TP	SCREW 9/32-28 L=16	トメネジ 9/32-28 L=16	(1)
29		RO-0442401-00	RUBBER RING	Oリング	(1)
30		B1408-481-000	NEEDLE BAR CRANK ROD	ハリホ- クランクロッド	(1)
31		B1905-541-B00	NEEDLE BEARING	デンヒン ニートルハアリンク	(1)
32		B1903-552-000	LEFT SCREW	ヒタリネジ	(1)
33		B1202-481-000	BUSHING, FRONT	ウワジク マイメタル	1
34		B1203-481-B00	BUSHING, INTERMEDIATE	ウワジクナカメタル	1
35		SS-7151120-SP	SCREW 15/64-28 L=11	マルヒラネジ 15/64-28 L=11	1
36		CS-147121E-SH	THRUST COLLAR ASM. D=14.72 W=1	スラストウケ D=14.72 W=12 クミ	2
37		SS-8660810-TP	SCREW 1/4-40 L=8	トメネジ 1/4-40 L=8	(4)
38		D1204-555-DA0	MAIN SHAFT BUSHING, REAR ASM.	ウワジクウシロメタル クミ	1
39		D1204-555-DO0	MAIN SHAFT BUSHING, REAR	ウワジクウシロメタル	(1)
40		D1230-555-B00	NEEDLE BEARING	ニートルハアリンク	(2)
41		D1231-555-B00	WASHER	スラスト オカネ	(2)
42		D1232-555-B00	SNAP RING	ニートル トメ	(2)
43		D1208-555-DO0	OIL SEAL	ウワジクウシロメタル オイルシール	1
44		B1217-490-000	HAND WHEEL	ハズミクマ	1
45		SS-8151550-SP	SCREW 15/64-28 L=15	トメネジ 15/64-28 L=15	2
46		B1213-552-0A0-A	OIL AMOUNT ADJUSTING PIN ASM.	クランク ユリョ-チヨ-セウヒン クミ	1

Note (注記) #01.....FOR MH-380
#02.....FOR MH-382
#03.....FOR URBAN WHITE

MH-380 用
MH-382 用
アーバン ホワイト用

3. PRESSER BAR, UPRIGHT SHAFT & LOWER SHAFT COMPONENTS
 押え棒・立軸・下軸関係



REF.NO	NOTE	PART NO.	DESCRIPTION	ヒ ン メ イ	Qty
1	#01	B1509-038-FA0	PRESSER FOOT ASM. (1/4)	オキエ 1/4 クミ	1
2	#03	B1509-038-FB0	PRESSER FOOT ASM. 1/4"	オキエ 1/4 (ハリカハ ^ニ -ツキ) クミ	1
3		B1528-380-0A0	THREAD KNIFE ASM.	イトキリハ ^ニ クミ	1
4		B1529-380-000	THREAD KNIFE GUIDE	イトキリハ ^ニ カ ^ニ イト ^ニ	(1)
5		SS-5060310-SP	SCREW 3/32-56 L=2.8	トラスネジ ^ニ 3/32-56 L=2.8	(1)
6		SS-7091110-TP	SCREW 9/64-40 L=10.5	マルヒラネジ ^ニ 9/64-40 L=10.5	1
7		B1501-380-000	PRESSER BAR	オキエホ ^ニ	1
8		B1502-541-000	PRESSER BAR BUSHING, LOWER	オキエホ ^ニ シタメタル	1
9	#05	110-71602	PRESSER SPRING REGULATOR	オキエ チョウセツ ネジ ^ニ	1
10	#05	110-71701	NUT	オキエ チョウセツ ネジ ^ニ ナツト	1
11		101-78705	PRESSER BAR GUIDE BRACKET	オキエホ ^ニ ウタ ^ニ キ	1
12		SS-8660610-TP	SCREW 1/4-40 L=6	トメネジ ^ニ 1/4-40 L=6	1
13		B1510-227-000	PRESSER GUIDE BAR	オキエ アンナイホ ^ニ	1
14		B1505-227-000-A	PRESSER SPRING	オキエ チョーセツハ ^ニ ネ	1
15		B1509-555-000	PRESSER SPRING REGULATOR	オキエチョウセツネジ ^ニ	1
16		B1511-555-000	NUT 1/2-28	オキエチョーセツネジ ^ニ ナツト	1
17		B1515-552-000	LIFTING LEVER	ヒキアケ ^ニ イタ	1
18		SD-0630275-SP	HINGE SCREW D= 6.35 H= 2.7	タ ^ニ ンネジ ^ニ D=6.35 H=2.7	1
19		SD-0630301-SP	HINGE SCREW D=6.35 H=3	タ ^ニ ンネジ ^ニ D=6.35 H=3	1
20		B1516-552-000	LIFTING LEVER LINK	ヒキアケ ^ニ イタ リンク	1
21		B1517-552-000	HINGE PIN	ヒキアケ ^ニ リンクシ ^ニ ク	1
22		B3431-581-000	LIFTING LEVER GASKET	ハ ^ニ ツキン	1
23		B1523-226-000	SNAP RING	トメワ B	1
24		RE-0600000-K0	E-SHAPED SNAP RING (6MM)	Eカ ^ニ タメワ 6	1
25		B1518-555-0A0	HAND LIFTER CAM ASM.	オキエアケ ^ニ カム クミ	1
26		RO-0371801-00	RUBBER RING	Oリング ^ニ	(1)
27		WP-0740516-SP	WASHER 7.4X11.8X0.5	ヒラチ ^ニ カ ^ニ ネ 7.4X11.8X0.5	1
28		B1520-552-000-A	HAND LIFTER	オキエアケ ^ニ レハ ^ニ	1
29		B1521-555-000	SCREW	オキエアケ ^ニ レハ ^ニ トメネジ ^ニ	1
30		B3412-415-000	LIFTING LEVER CONNECTING ROD	ヒチ ^ニ アケ ^ニ ヨコホ ^ニ	1
31		B3416-552-000	CONNECTING ROD HINGE SCREW	ヒチ ^ニ アケ ^ニ ヨコホ ^ニ タ ^ニ ンネジ ^ニ	1
32		RE-0500000-K0	E-RING	Eカ ^ニ タメワ 5	1
33		B3414-415-000-A	LIFTING LEVER LINK, RIGHT	ヒチ ^ニ アケ ^ニ リンクウチ ^ニ	1
34		B3416-415-000-A	SWIVEL	ツリホ ^ニ タ ^ニ ルマ	1
35		SD-0600322-SD	HINGE SCREW D=6 H=3.2	タ ^ニ ンネジ ^ニ D=6 H=3.2	1
36		B3415-481-000	CONNECTING ROD, VERTICAL	ヒチ ^ニ アケ ^ニ レンケツホ ^ニ	1
37		NS-6620310-SP	NUT 3/16-32	ロツカクナツト 3/16-32	1
38		B1308-481-0C0	GEAR LOWER ASM.	ハク ^ニ ルマ クミ	1
39		SS-8660810-TP	SCREW 1/4-40 L=8	トメネジ ^ニ 1/4-40 L=8	(8)
40		B1306-155-0B0	GEAR & PINION ASM., UPPER	ウツカチハク ^ニ ルマ クミ	(1)
41		B1305-012-0A0	GEAR ASM.	ウツカチハク ^ニ ルマ タ ^ニ イ クミ	(1)
42		B1306-155-0A0	PINION ASM.	ウツカチハク ^ニ ルマ ショー クミ	(1)
43		B1308-481-0B0	GEAR & PINION ASM.	カチハク ^ニ ルマ クミ	(1)
44		B1308-481-0A0	GEAR LOWER(LARGE)ASM.	シタハク ^ニ ルマ タ ^ニ イ クミ	(1)
45		B1306-155-0A0	PINION ASM.	ウツカチハク ^ニ ルマ ショー クミ	(1)
46		B1301-481-000-A	UPRIGHT SHAFT	タデシ ^ニ ク	1
47		B1302-552-B00	BUSHING, UPPER	タデシ ^ニ ク ウラメタル	1
48		B1303-552-B00	UPRIGHT SHAFT BUSHING, LOWER	タデシ ^ニ ク シタメタル	1
49		SS-8151150-SP	SCREW 15/64-28 L=10.5	トメネジ ^ニ 15/64-28 L=10.5	2
50		B1801-380-0A0	LOWER SHAFT ASM.	シタシ ^ニ ク クミ	1
51		B1607-352-000	BUSHING, REAR	オクリシ ^ニ ク ウシロメタル	1
52		SS-8151150-SP	SCREW 15/64-28 L=10.5	トメネジ ^ニ 15/64-28 L=10.5	1
53		B1432-027-000	OIL PAD ROLLER	ハリホ ^ニ ヨート ^ニ タ ^ニ イ フェルト	1
54		CS-111121A-SH	THRUST COLLAR ASM. D=11.11 W=1	スラストウケ D=11.11 W=12 クミ	1
55		SS-8660810-TP	SCREW 1/4-40 L=8	トメネジ ^ニ 1/4-40 L=8	(2)
56		B1803-481-000	BUSHING, INTERMEDIATE	シタシ ^ニ ク ナカメタル	1
57		SS-8151150-SP	SCREW 15/64-28 L=10.5	トメネジ ^ニ 15/64-28 L=10.5	1
58		B1802-481-000	BUSHING, FRONT	シタシ ^ニ ク マエメタル	1
59		SS-8151150-SP	SCREW 15/64-28 L=10.5	トメネジ ^ニ 15/64-28 L=10.5	1
60		B1813-481-000	OIL SEAL	シタシ ^ニ ク マエメタル オイルシール	1
61		B2226-481-000	LOOPER THREAD GUARD BUSHING	シタイト ホゴ ^ニ ホ ^ニ ス	1
62	#02	B1524-382-0A0	PRESSER FOOT ASM.	オキエ クミ	1
63	#04	B1524-382-0B0	PRESSER FOOT	オキエ クミ	1
64		110-07101	HINGE SCREW	ヒチ ^ニ アケ ^ニ ヨコホ ^ニ ウネジ ^ニ	1
65	#05	110-71800	HAND LIFTER	オキエアケ ^ニ レハ ^ニ	1

Note (注記) #01.....FOR MH-380

#02.....FOR MH-382

#03.....SPECIAL ORDER PART FOR MH-380

#04.....SPECIAL ORDER PART FOR MH-382

#05.....FOR URBAN WHITE

MH-380 用

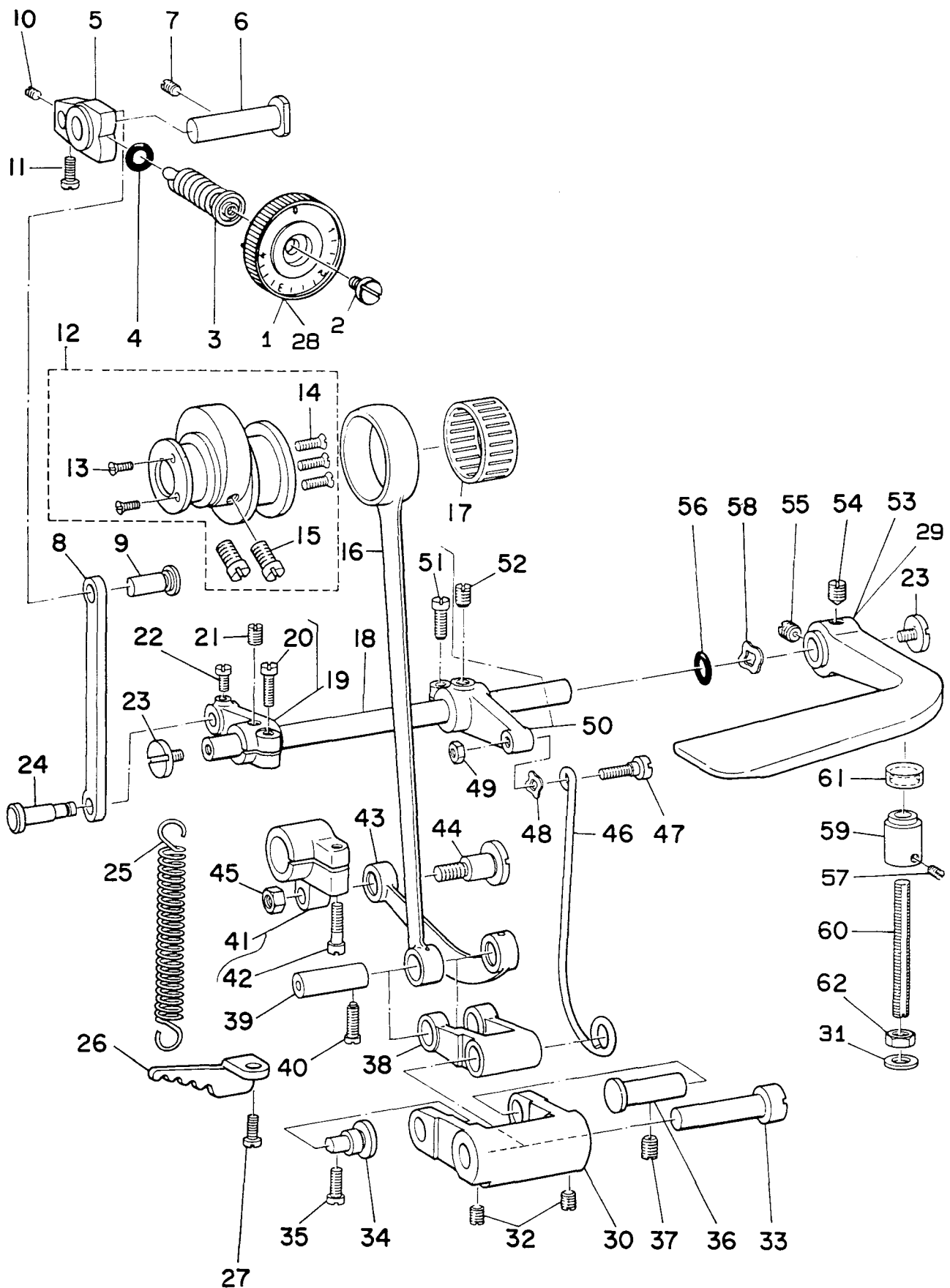
MH-382 用

特別注文部品 (MH-380 用)

特別注文部品 (MH-382 用)

アーバンホワイト用

4. FEED MECHANISM COMPONENTS (1)
送り関係 (1)

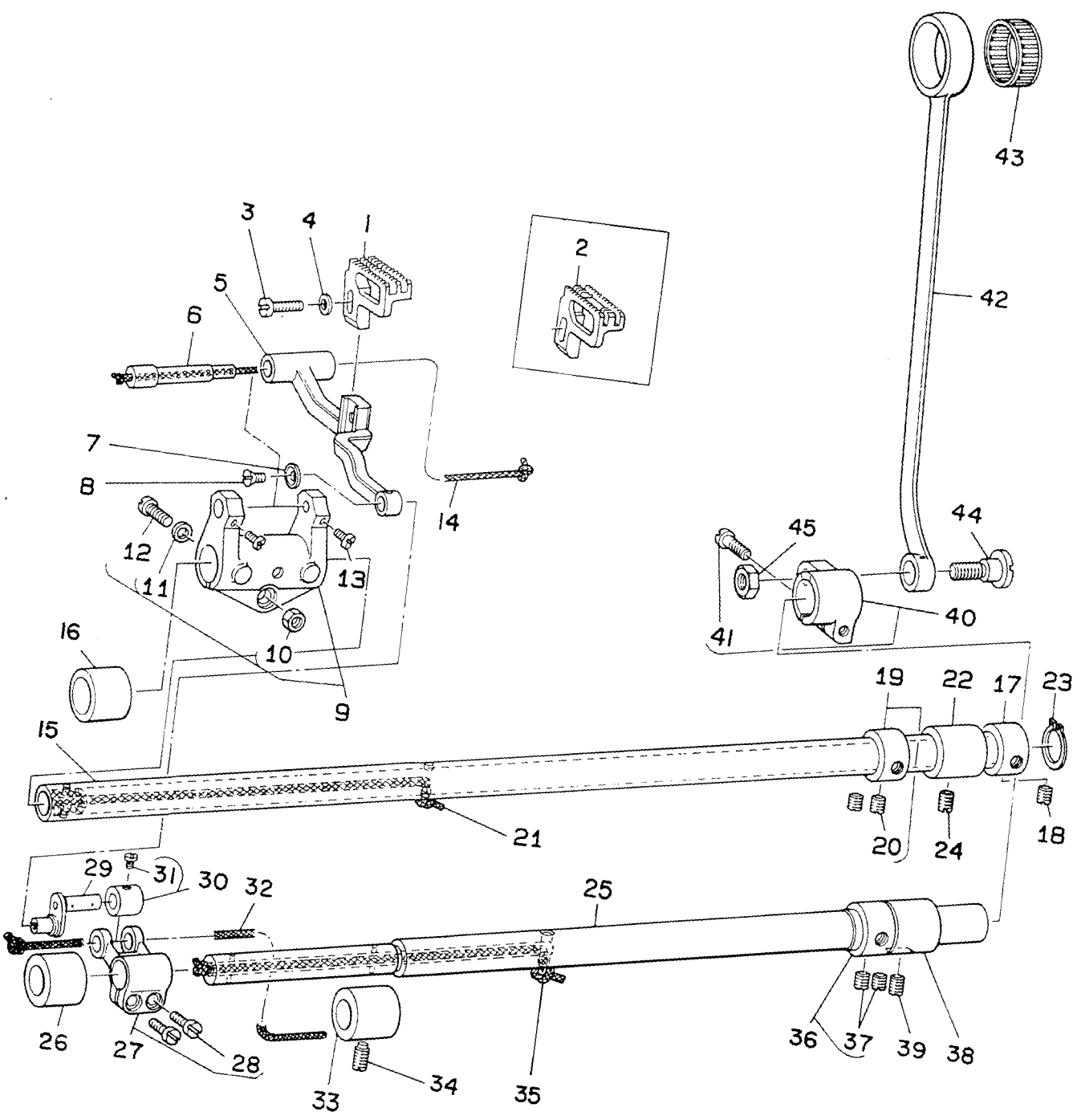


REF.NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		B1623-555-000-A	FEED REGULATOR DIAL	メモリタ	1
2		SS-6120930-SP	SCREW 3/16-28 L=9	ヒラネジ 3/16-28 L=9	1
3		B1634-555-000-B	STITCH LENGTH REGULATING SCREW	オクリ チョーセツネジ	1
4		RO-0742401-00	RUBBER RING	Oリング	1
5		B1620-481-000	FEED REGULATOR	オクリチヨセツタイ	1
6		B1622-555-000	HINGE PIN	オクリ チョーセツタイ トメジク	1
7		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ 15/64-28 L=7	1
8		B1625-555-000	FEED REGULATOR CONNECTING ROD	オクリ チョーセツキ ロツト	1
9		B1626-555-000	FEED REGULATOR CONNECTING ROD	オクリ チョーセツキ ロツト ヒン	1
10		SS-8110510-SP	SCREW 11/64-40 L=5	トメネジ 11/64-40 L=5	1
11		SS-7110710-SP	SCREW 11/64-40 L=7	マルヒラネジ 11/64-40 L=7	1
12		B1610-380-0AO	FEED ECCENTRIC CAM ASM.	オクリ ヘンジンカム クミ	1
13		SS-2090710-SP	SCREW 9/64-40 L=7	マルチラネジ 9/64-40 L=7	(2)
14		SS-2110930-SP	SCREW 11/64-40 L=8.7	マルチラネジ 11/64-40 L=8.75	(3)
15		SS-6661110-SP	SCREW 1/4-40 L=11	ヒラネジ 1/4-40 L=11	(2)
16		B1612-161-000	FEED ROCKER SHAFT CONNECTING R	スイハイ オクリロツト	1
17	#01	B1636-581-B00	NEEDLE BEARING B	ニートル ベアリング B	1
18		B1621-555-000-A	CONTROL LEVER SHAFT	オクリチヨセツ レハシク	1
19		B1627-555-0AO	CRANK ASM.	ヒツハリ ハネカケ チョーセツウテ クミ	1
20		SS-6121210-SP	SCREW 3/16-28 L=12	ヒラネジ 3/16-28 L=9	(1)
21		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ 15/64-28 L=7	1
22		SS-7110910-SP	SCREW	マルヒラネジ 11/64-40 L=8.5	1
23		SS-7620750-SP	SCREW 3/16-32 L= 6.5	マルヒラネジ 3/16-32 L=6.5	2
24		B1628-555-000	TENSION SPRING SUSPENSION STUD	ヒツハリ ハネカケ ジク	1
25		B1646-555-000	TENSION SPRING	ヒツハリ ハネ	1
26		B1636-555-000	SUSPENSION BRACKET	ヒツハリ ハネカケ	1
27		SS-7111120-SP	SCREW 11/64-40 L=10.5	マルヒラネジ 11/64-40 L=10.5	1
28	#02	B1623-555-A00	FEED REGULATOR DIAL	メモリタ	1
29	#02	B1624-380-00A	REVERSE FEED CONTROL LEVER	オクリレハ	1
30		B1617-555-000	FEED DRIVING ROCKER	オクリ チョーセツリンク	1
31		WP-0621016-SD	WASHER 6.2X13X1	ヒラチカネ 6.2X13X1	1
32		SS-8620610-SP	SCREW 3/16-32 L=6	トメネジ 3/16-32 L=6	2
33		B1615-555-000	FEED DRIVING ROCKER HINGE PIN	オクリ チョーセツ フタマタリンク ヒン	1
34		B1619-555-000	FEED DRIVING ROCKER HINGE PIN	オクリ チョーセツリンク チョーセツヒン	1
35		SS-7111120-SP	SCREW 11/64-40 L=10.5	マルヒラネジ 11/64-40 L=10.5	1
36		B1618-161-000	FEED DRIVING ROCKER ARM HINGE	オクリ チョーセツ リンクヒン	1
37		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ 15/64-28 L=7	1
38		B1614-555-000	FEED DRIVING ROCKER ARM	オクリ チョーセツ フタマタリンク	1
39		B1633-555-000	ROCKER ARM CONNECTING PIN	スイハイオクリ ロツトヒン	1
40		SS-7111260-SP	SCREW 11/64-40 L=12	マルヒラネジ 11/64-40 L=12	1
41		B1608-555-000	FEED ROCKER SHAFT CRANK ARM	スイハイオクリウテ	1
42		SS-6121610-TP	SCREW 3/16-28 L=15.5	ヒラネジ 3/16-28 L=15.5	(1)
43		B1606-481-000	CONNECTING ROD	スイハイ オクリ レンケウカン	1
44		SD-1020701-SP	HINGE SCREW D=10.2 H=7	タネネジ D=10.2 H=7	1
45		NS-6680320-SP	NUT 9/32-28	ロツカクナツ 9/32-28	1
46		B1630-555-000	ROCKER ARM CONNECTING ROD	オクリ チョーセツロツト	1
47		SD-0500401-SP	HINGE SCREW D= 5 H= 4	タネネジ D=5 H=4	1
48		WZ-0541510-KP	WAVED WASHER 5.4X9.0X0.3	ナミカタチカネ 5.4X9X0.3	1
49		NS-6120310-SP	NUT 3/16-28	ロツカクナツ 3/16-28	1
50		B1629-555-0AO	CONTROL LEVER CRANK ASM.	オクリ チョーセツウテ クミ	1
51		SS-6121210-SP	SCREW 3/16-28 L=12	ヒラネジ 3/16-28 L=9	(1)
52		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ 15/64-28 L=7	1
53		B1624-380-000	REVERSE FEED CONTROL LEVER	オクリレハ	1
54		SS-8661040-TP	SCREW 1/4-40 L=10	トメネジ 1/4-40 L=10	1
55		SS-8660810-TP	SCREW 1/4-40 L=8	トメネジ 1/4-40 L=8	1
56		RO-0691801-00	RUBBER RING	Oリング	1
57		SS-8090540-SP	SCREW 9/64-40 L=5	トメネジ 9/64-40 L=5	1
58		WZ-1052010-KP	WAVED WASHER	ナミカタチカネ 10.5X14.5X0.3	1
59		B1660-380-000	LEVER STOPPER	レハ ストッパ	1
60		B1661-481-000	SCREW	レハ ストッパ ネジ	1
61		B1662-481-000	LEVER STOPPER RUBBER CAP	レハ ストッパ コム	1
62		NS-6150430-SP	NUT 15/64-28	ロツカクナツ 15/64-28	1

Note (注記) #01.....SELECTIVE PART
#02.....FOR URBAN WHITE

選択部品
アーバンホワイト用

5. FEED MECHANISM COMPONENTS (2)
 送り関係 (2)

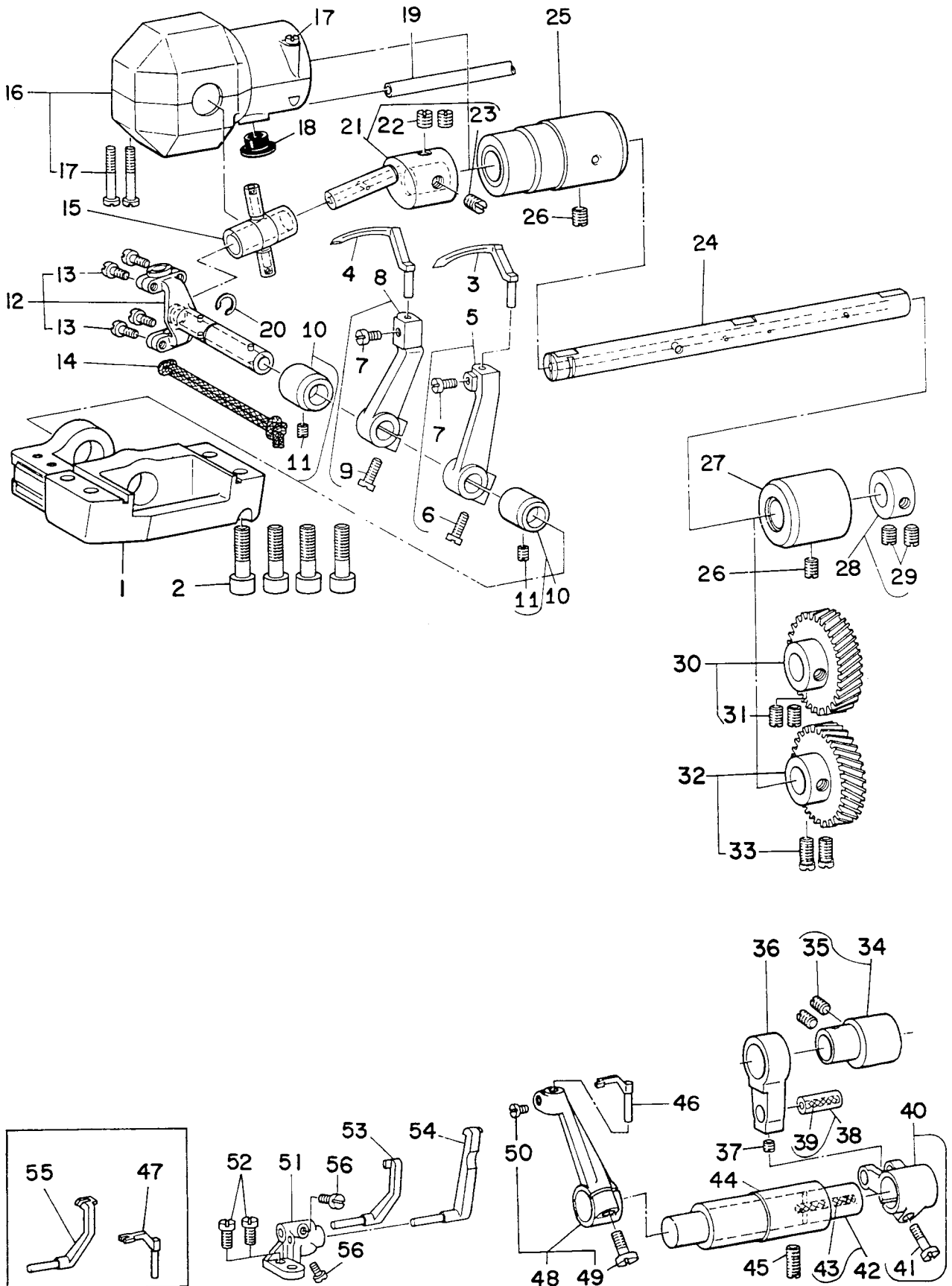


REF.NO	NOTE	PART NO.	DESCRIPTION	ヒ ン メ イ	Qty
1	#01	B1613-380-F00	FEED DOG (1/4)	オクリハ ^ク 1/4	1
2	#02	B1613-382-000	FEED DOG	オクリハ ^ク (タテ2本)	1
3		SS-7111410-TP	SCREW 11/64-40 L=14	マルヒラネジ ^ク 11/64-40 L=14	1
4		WP-0480856-SP	WASHER 4.8X8.4X0.8	ヒラチ ^ク カ ^ク ネ 4.8X8.4X0.8	1
5		B1602-481-000-A	FEED BAR	オクリタ ^ク イ	1
6		B1604-486-000	FEED BAR SHAFT	オクリタ ^ク イジ ^ク	1
7		B1715-481-000	COUNTER-SUNK WASHER	ピ ^ク ンチ ^ク ラ チ ^ク カ ^ク ネ	1
8		SS-1080510-SP	SCREW 1/8-44 L=5	チ ^ク ラネジ ^ク 1/8-44 L=5	1
9		B1603-486-0A0	FEED ROCKER ASM.	オクリタ ^ク イ ウチ ^ク クミ	1
10		NS-6120310-SP	NUT 3/16-28	ロツカクナツト 3/16-28	(1)
11		WP-0480856-SP	WASHER 4.8X8.4X0.8	ヒラチ ^ク カ ^ク ネ 4.8X8.4X0.8	(1)
12		SS-6121840-SP	SCREW 3/16-28 L=18.0	ヒラネジ ^ク 3/16-28 L=18	(1)
13		SS-6090810-SP	SCREW 9/64-40 L= 7.5	ヒラネジ ^ク 9/64-40 L=7.5	2
14		CQ-3030000-00	OIL WICK	ユジ ^ク	0.3
15		B1601-555-000	FEED ROCKER SHAFT	スイ ^ク ハイ ^ク オクリジ ^ク	1
16		B1605-555-000	BUSHING, FRONT	オクリジ ^ク ク マメタル	1
17		CS-1470712-SH	THRUST COLLAR D=14.72 W=7	スラストウケ D=14.72 W=7	1
18		SS-8110410-TP	SCREW 11/64-40 L= 3.5	トメネジ ^ク 11/64-40 L=3.5	2
19		CS-147121A-SH	THRUST COLLAR ASM.D=14.72 W=12	スラストウケ D=14.72 W=12 クミ	1
20		SS-8660610-TP	SCREW 1/4-40 L=6	トメネジ ^ク 1/4-40 L=6	(2)
21		CQ-3030000-00	OIL WICK	ユジ ^ク	0.3
22		B1702-155-000	BUSHING, REAR	オクリジ ^ク ク メタル	1
23		RC-0150001-KP	RETAINING RING 13.8	Cカ ^ク タメワ 13.8	1
24		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ ^ク 15/64-28 L=7	1
25		B1701-481-000	FEED DRIVING SHAFT	ジ ^ク ョ ^ク ケ ^ク オクリジ ^ク ク	1
26		B1604-155-000	FEED ROCKER SHAFT BUSHING, FRO	オクリジ ^ク ク マメタル	1
27		B4103-352-0A0	FEED ROCKER SHAFT CRANK ASM.	ウラメス フタマタクランク クミ	1
28		SS-6621220-SP	SCREW 3/16-32 L=12	ヒラネジ ^ク 3/16-32 L=12	(2)
29		B1713-380-000-A	FEED BAR LINK	ジ ^ク ョ ^ク ケ ^ク オクリ リンク	1
30		CS-0640860-SH	THRUST COLLAR ASM. D=6.35 W=8	スラストウケ D=6.35 W=8 クミ	1
31		SS-8110510-SP	SCREW 11/64-40 L=5	トメネジ ^ク 11/64-40 L=5	(2)
32		CQ-3030000-00	OIL WICK	ユジ ^ク	0.2
33		B1604-155-000	FEED ROCKER SHAFT BUSHING, FRO	オクリジ ^ク ク マメタル	1
34		SS-8151150-SP	SCREW 15/64-28 L=10.5	トメネジ ^ク 15/64-28 L=10.5	2
35		CQ-3030000-00	OIL WICK	ユジ ^ク	0.2
36		CS-147121A-SH	THRUST COLLAR ASM.D=14.72 W=12	スラストウケ D=14.72 W=12 クミ	1
37		SS-8660610-TP	SCREW 1/4-40 L=6	トメネジ ^ク 1/4-40 L=6	(2)
38		B1702-155-000	BUSHING, REAR	オクリジ ^ク ク メタル	1
39		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ ^ク 15/64-28 L=7	1
40		B1703-155-0A0	FEED DRIVING SHAFT CRANK ASM.	ジ ^ク ョ ^ク ケ ^ク オクリウチ ^ク クミ	1
41		SS-6121610-TP	SCREW 3/16-28 L=15.5	ヒラネジ ^ク 3/16-28 L=15.5	(1)
42	#03	B1708-481-000	FEED DRIVING SHAFT CONNECTING	ジ ^ク ョ ^ク ケ ^ク オクリロツト	1
43		B1712-481-00B	NEEDLE BEARING	ジ ^ク ョ ^ク ケ ^ク オクリ ハ ^ク アリンク	1
44		SD-1020701-SP	HINGE SCREW D=10.2 H=7	タ ^ク ンネジ ^ク D=10.2 H=7	1
45		NS-6680410-SP	NUT 9/32-28	ロツカクナツト 9/32-28	1

Note (注記) #01.....FOR MH-380
#02.....FOR MH-382
#03.....SELECTIVE PART

MH-380 用
MH-382 用
選択部品

6. LOOPER & NEEDLE GUARD COMPONENTS
 ルーパ・針受関係

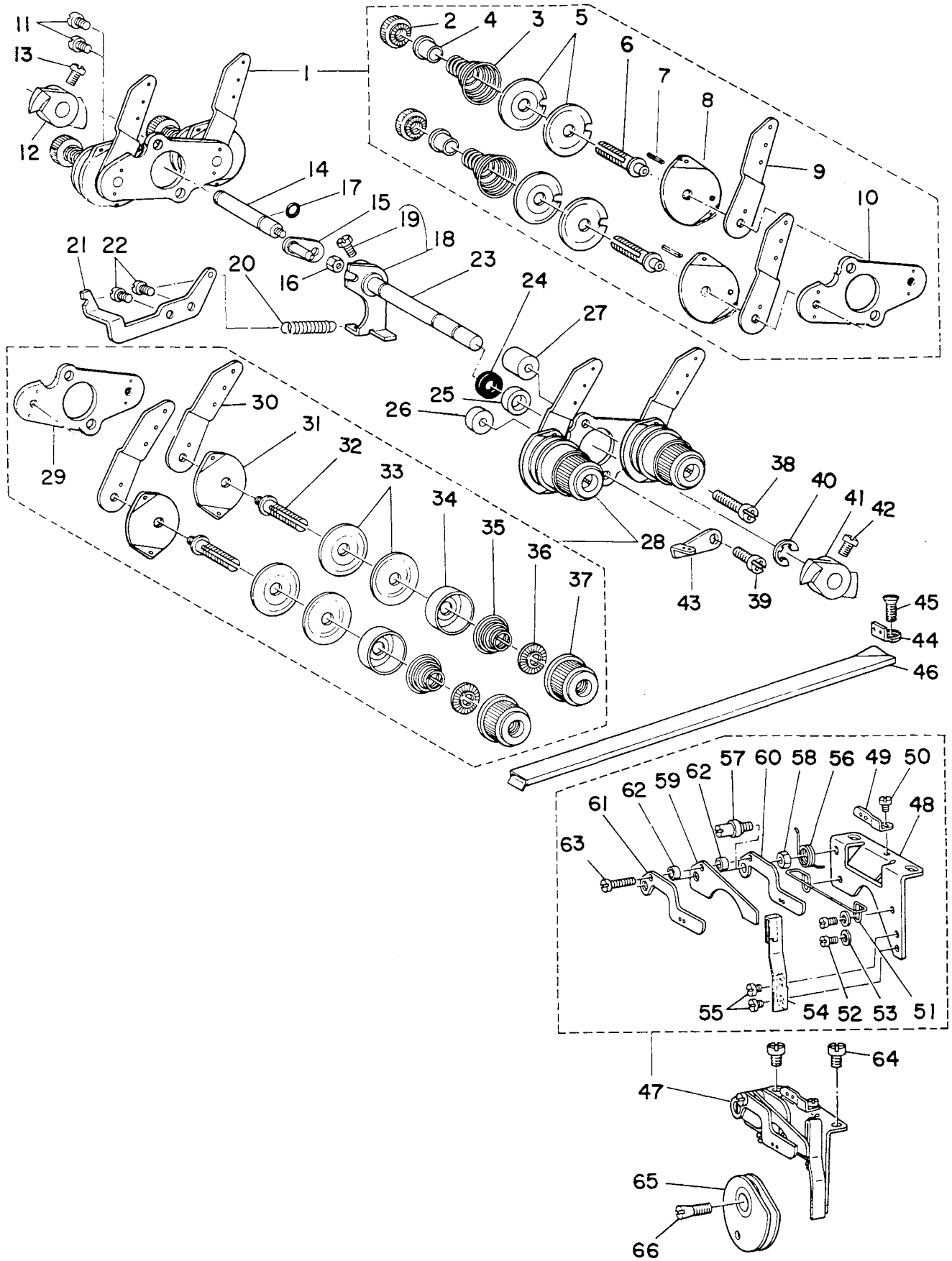


REF.NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		B2013-481-000-A	LOOPER MOUNTING BASE	ル-ハ°タ°イ	1
2		SM-6062002-TP	SCREW M6 L=20	ロツカクアナホ°ルト M6 L=20	4
3		B2030-380-000	LOOPER (RIGHT)	ヒタ°リ ル-ハ°	1
4		B2031-380-000	LOOPER (LEFT)	ミキ° ル-ハ°	1
5		B2007-380-0A0	LOOPER HOLDER ASM., LEFT	ヒタ°リ ル-ハ°ウテ° クミ	1
6		SS-6121610-TP	SCREW 3/16-28 L=15.5	ヒラネジ° 3/16-28 L=15.5	(2)
7		SS-7090520-TP	SCREW 9/64-40 L= 4.5	マルヒラネジ° 9/64-40 L=4.5	2
8		B2006-380-0A0	LOOPER HOLDER ASM., RIGHT	ミキ° ル-ハ°ウテ° クミ	1
9		SS-6121610-TP	SCREW 3/16-28 L=15.5	ヒラネジ° 3/16-28 L=15.5	(1)
10		B2012-481-000	BUSHING, REAR	ル-ハ°リンク メタル	2
11		SS-8110410-TP	SCREW 11/64-40 L= 3.5	トメネジ° 11/64-40 L=3.5	(2)
12		B2010-481-0A0	LOOPER ROCKER SHAFT ASM.	ル-ハ° リンク クミ	1
13		SS-7090910-TP	SCREW 9/64-40 L= 8.5	マルヒラネジ° 9/64-40 L=8.5	(4)
14		CQ-2520000-00	OIL WICK	エジン	0.2
15		B2008-481-000	TRUNNION	トラニオン	1
16		B2014-481-0A0	LOOPER CRANK COVER ASM.	クランク カハ°- クミ	1
17		SS-6092120-SP	SCREW 9/64-40 L=21.2	ヒラネジ° 9/64-40 L=21.2	(3)
18		TA-1050504-R0	RUBBER PLUG	トメセン	1
19		BT-0500300-EA	OIL TUBE	ウレタンチューブ°	0.1
20		B2032-481-000	LOOPER DRIVING LINK SET RING	ル-ハ° リンク トメリ	1
21		B2005-380-0A0	LOOPER CRANK ASM.	ル-ハ° クランクジ°ク クミ	1
22		SS-8660810-TP	SCREW 1/4-40 L=8	トメネジ° 1/4-40 L=8	(2)
23		B2007-481-000	LOOPER CRANK ADJUSTING SCREW	クランク チヨ°セツネジ°	(1)
24		B2001-481-000-A	LOOPER CRANK DRIVING SHAFT	ル-ハ°ジ°ク	1
25		B2002-481-000	BUSHING, FRONT	ル-ハ°ジ°ク マメタル	1
26		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ° 15/64-28 L=7	2
27		B1803-481-000	BUSHING, INTERMEDIATE	シタジ°ク ナカメタル	1
28		CS-111121A-SH	THRUST COLLAR ASM. D=11.11 W=1	スラストウケ D=11.11 W=12 クミ	1
29		SS-8660810-TP	SCREW 1/4-40 L=8	トメネジ° 1/4-40 L=8	(2)
30		B2004-481-0A0	GEAR, UPPER	ル-ハ° ハク°ルマ ウエ°クミ	1
31		SS-8660810-TP	SCREW 1/4-40 L=8	トメネジ° 1/4-40 L=8	(2)
32		B2005-481-0AB	GEAR, LOWER	ル-ハ° キ°ヤ° シタ B°クミ	1
33		SS-6660610-TP	SCREW 1/4-40 L=6	ヒラネジ° 1/4-40 L=6	(2)
34		B2301-380-0A0	NEEDLE GUARD CAM ASM.	ハリウケカム クミ	1
35		SS-8150710-TP	SCREW 15/64-28 L=7	トメネジ° 15/64-28 L=7	(2)
36		B2302-481-000	NEEDLE GUARD CRANK ROD	ハリウケ ロット°	1
37		SS-8110410-TP	SCREW 11/64-40 L= 3.5	トメネジ° 11/64-40 L=3.5	1
38		B1610-430-0A0	PIN ASM.	フタマタウテ° ヒ°ン クミ	1
39		CQ-3030000-00	OIL WICK	エジン	(0.1)
40		B2304-481-0A0	REAR NEEDLE GUARD ROCKER FORK	ウシロカ°ワ°ハリウケ°フタマタウテ° クミ	1
41		SS-7111310-TP	SCREW 11/64-40 L=12.8	マルヒラネジ° 11/64-40 L=12.8	(1)
42		B2306-380-0A0	NEEDLE GUARD DRIVING SHAFT ASM	ハリウケジ°ク クミ	1
43		CQ-3030000-00	OIL WICK	エジン	(0.1)
44		B2307-481-000	BUSHING	ハリウケ ジ°クメタル	1
45		SS-8150710-SP	SCREW 15/64-28 L=7	トメネジ° 15/64-28 L=7	1
46	#01	B2311-380-E00	REAR MOVING NEEDLE GUARD	ヨート°-ハリウケ	1
47	#02	B2311-382-000	NEEDLE GUARD	ヨート°-ハリウケ	1
48		B2309-481-0A0	REAR NEEDLE GUARD ROCKER ARM	ウシロカ°ワ°ハリウケウテ° クミ	1
49		SS-6121220-TP	SCREW 3/16-28 L=11.5	ヒラネジ° 3/16-28 L=11.5	(1)
50		SS-7090910-TP	SCREW 9/64-40 L= 8.5	マルヒラネジ° 9/64-40 L=8.5	(1)
51		B2313-380-000-A	NEEDLE GUARD BASE	ハリウケ トリツケタ°イ	1
52		SS-7110710-SP	SCREW 11/64-40 L=7	マルヒラネジ° 11/64-40 L=7	2
53	#01	B2312-380-000	LEFT FIX NEEDLE GUARD	コテイハリウケ ヒタ°リ	1
54	#01	B2315-380-000	RIGHT FIX NEEDLE GUARD	コテイハリウケ ミキ°	1
55	#02	B2312-382-000	NEEDLE GUARD	コテイハリウケ	1
56		SS-6090510-TP	SCREW 9/64-40 L= 5.0	ヒラネジ° 9/64-40 L=5	2

Note (注記) #01.....FOR MH-380
#02.....FOR MH-382

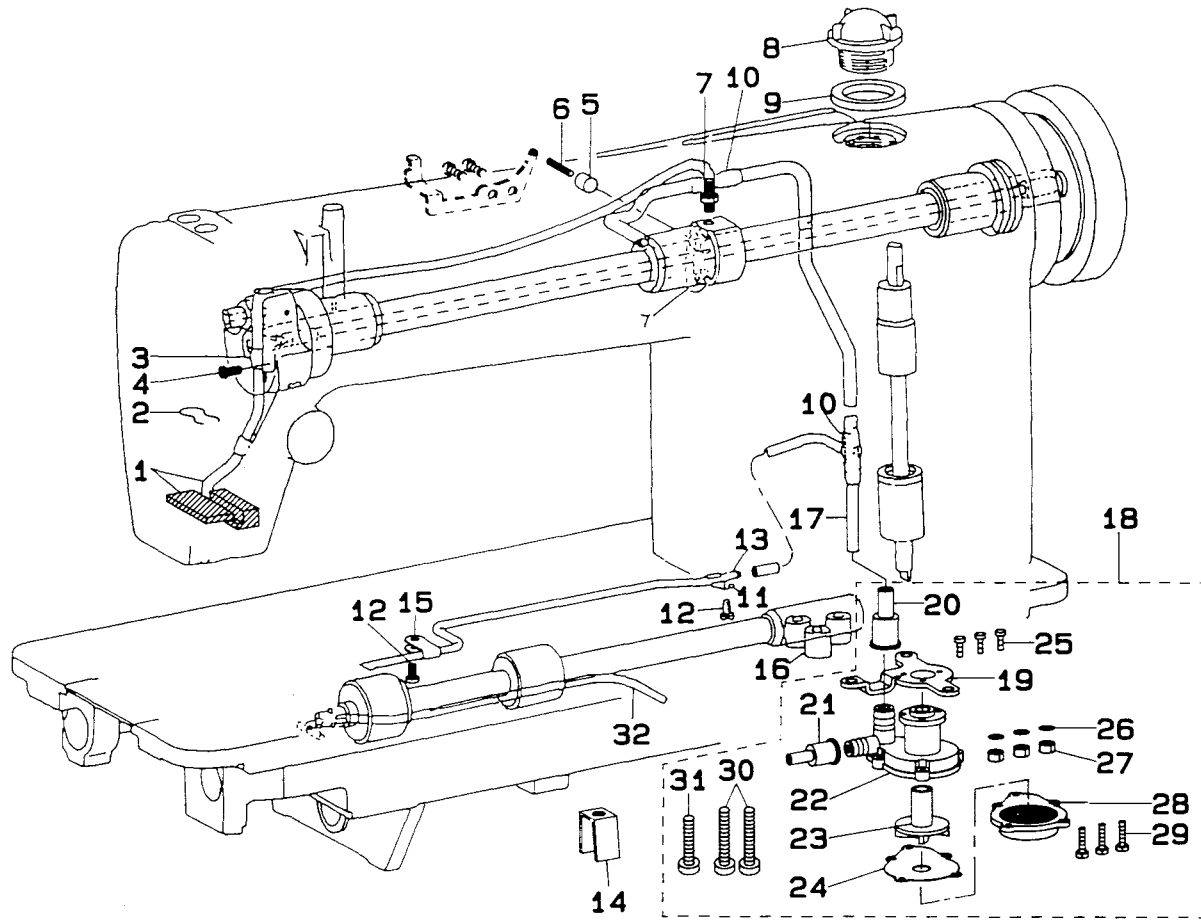
MH-380 用
MH-382 用

7. THREAD TENSION CONTROLLER COMPONENTS
糸調子関係



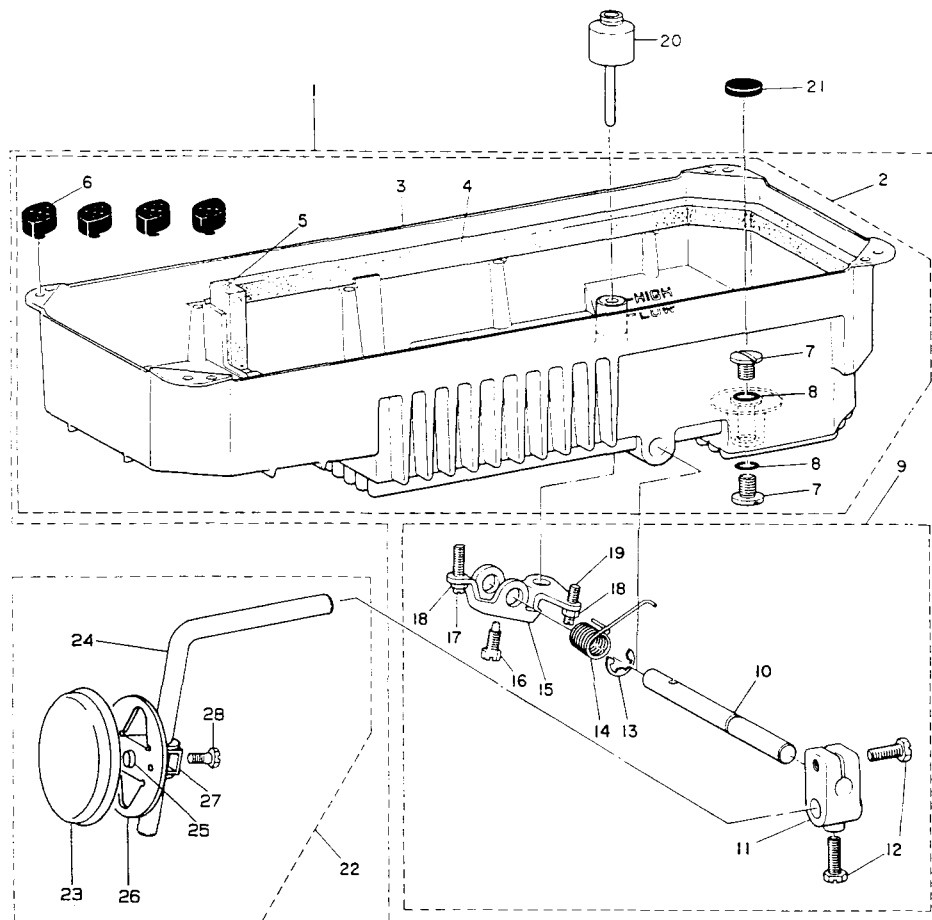
REF.NO	NOTE	PART NO.	DESCRIPTION	ヒ ン メ イ	Qty
1		B3101-380-BA0	LOWER THREAD TENSION ASM.	シタイトチヨウシ クミ	1
2		110-72204	TENSION NUT	イトチヨウシ ナット	(2)
3		B3106-481-000	LOOPER THREAD TENSION SPRING	イトチヨ-シ ハネ	(2)
4		B3120-125-000	ROTATING STOPPER	イトチヨ-シチラ カイデントメ	(2)
5		B3126-352-000	TENSION DISC	イトチヨ-シ チラ	(4)
6		B3104-481-000	LOOPER THREAD TENSION POST	イトチヨ-シホ-	(2)
7		PS-0200102-KH	SPRING PIN 2.0 X 10	スプリングピン 2.0X10	(2)
8		B3106-380-000	THREAD GUIDE	シタイトチヨ-シチラ イトアンナイ	(2)
9		B3103-481-000	LOOPER THREAD TENSION CONTROL	シタイトチヨ-シ アンナイイタ	(2)
10		B3101-380-000	TENSION INSTALLING PLATE	イトチヨ-シ トリツケタイ	(2)
11		SS-4110715-SP	SCREW 11/64-40 L=7	ナハネジ 11/64-40 L=7	2
12		B3121-380-000	LOOPER THREAD RELEASE LATCH	シタイトユルメ	1
13		SS-6110420-TP	SCREW 11/64-40 L=4.8	ヒラネジ 11/64-40 L=4.8	1
14		B3135-481-000	LOOPER THREAD RELEASE SHAFT	シタイト ユルメジク	1
15		D3136-481-CA0	TENSION RELEASE ARM ASM.	シタイトユルメジク ウデ クミ	1
16		NS-6110310-SP	NUT 11/64-40	ロウカクナット 11/64-40	1
17		RO-0371801-00	RUBBER RING	0リング	1
18		D3130-481-CA0	TENSION RELEASE ARM ASM.	ウワイトユルメウデ クミ	1
19		SS-6110710-TP	SCREW 11/64-40 L= 6.5	ヒラネジ 11/64-40 L=6.5	(1)
20		D3134-481-C00	SPRING	ヒサアケ リンクウデ ハネ	1
21		D3133-481-C00	SUSPENSION BRACKET	ヒサアケ リンクウデ ハネカケ	1
22		SS-4110715-SP	SCREW 11/64-40 L=7	ナハネジ 11/64-40 L=7	2
23		D3110-481-C00	TENSION RELEASE SHAFT	イトユルメ ジク	1
24		B1522-552-000	OIL SEAL RING	オキエアケ ジク オイルシール	1
25		B3115-481-000	TENSION RELEASE SHAFT SPACER	イトユルメ ジクカラー	1
26		B3116-481-000	SPACER(A), FOR INSTALLING PLAT	イトチヨ-シ トリツケタイ カラー A	1
27		B3117-481-000	SPACER(B), FOR INSTALLING PLAT	イトチヨ-シ トリツケタイ カラー B	1
28		B3101-380-AA0	NEEDLE THREAD TENSION ASM.	ウワイトチヨウシ クミ	1
29		B3101-380-000	TENSION INSTALLING PLATE	イトチヨ-シ トリツケタイ	(1)
30		B3102-481-000	NEEDLE THREAD TENSION GUIDE PL	ウワイトチヨ-シ アンナイイタ	(2)
31		B2306-019-000	TENSION THREAD GUIDE	イトチヨ-シ アンナイイタ	(2)
32		B3104-481-000	LOOPER THREAD TENSION POST	イトチヨ-シホ-	(2)
33		B3126-012-000	THREAD TENSION DISK	イトチヨ-シチラ	(4)
34		B3107-704-000	TENSION DISC PRESSER TUBE	チヨ-シチラ オキエ	(2)
35		B3129-012-A00	TENSION SPRING	イトチヨ-シハネ A	(2)
36		B3120-125-000	ROTATING STOPPER	イトチヨ-シチラ カイデントメ	(2)
37		B3119-771-000	THREAD TENSION NUT	イトチヨ-シナット	(2)
38		SS-4112515-SP	SCREW 11/64-40 L=25	ナハネジ 11/64-40 L=25	1
39		SS-4111415-SP	SCREW 11/64-40 L=14	ナハネジ 11/64-40 L=14	1
40		RE-0600000-K0	E-SHAPED SNAP RING (6MM)	Eカクシメワ 6	1
41		B3120-380-000	NEEDLE THREAD RELEASE LATCH	ウワイトユルメ	1
42		SS-6110420-TP	SCREW 11/64-40 L=4.8	ヒラネジ 11/64-40 L=4.8	1
43		B3122-481-000	FRAME THREAD GUIDE	イトアンナイ	1
44		B2201-481-000-A	LOOPER THREAD GUIDE	シタイトアンナイ	1
45		SS-1110710-SP	SCREW 11/64-40 L=7	チラネジ 11/64-40 L=7	1
46		B2202-481-000	LOOPER THREAD GUIDE TUBE	シタイト ト-カン	1
47		B2210-481-0A0	LOOPER THREAD GUIDE ASM.	カムイトアンナイ クミ	1
48		B2210-481-000	THREAD GUIDE PLATE	カム イトアンナイイタ	(1)
49		B2203-481-000	LOOPER THREAD GUIDE(B)	シタイトアンナイ B	(1)
50		SS-6080320-SP	SCREW 1/8-44 L= 2.5	ヒラネジ 1/8-44 L=2.5	(1)
51		B2218-481-000	CAST-OFF WIRE	カムイト ワイヤ	(1)
52		SS-6080410-SP	SCREW 1/8-44 L=4	ヒラネジ 1/8-44 L=4	(2)
53		WP-0371026-SD	WASHER 3.7X7X1	ヒラサカネ 3.7X7X1	(2)
54		B2217-481-000	THREAD GUIDE STOPPER SPRING	カム イトアンナイ ティシハネ	(1)
55		SS-6080320-SP	SCREW 1/8-44 L= 2.5	ヒラネジ 1/8-44 L=2.5	(2)
56		B2216-481-000	THREAD GUIDE SPRING	カム イトアンナイ ハネ	(1)
57		B2214-481-000	THREAD GUIDE STUD	カムイトジク	(1)
58		NS-6110310-SP	NUT 11/64-40	ロウカクナット 11/64-40	(1)
59		B2213-481-000	CAST-OFF PLATE	カムイトツメ	(1)
60		B2212-481-000	LOOPER THREAD GUIDE,RIGHT	カム イトアンナイ ミキ	(1)
61		B2211-481-000	LOOPER THREAD GUIDE,LEFT	カム イトアンナイ ヒタリ	(1)
62		B2215-481-000	COLLAR	カム イトアンナイ カラー	(2)
63		SS-7081310-SP	SCREW 1/8-44 L=12.5	マルヒラネジ 1/8-44 L=12.5	(1)
64		SS-4110515-SP	SCREW 11/64-40 L=5	ナハネジ 11/64-40 L=5	2
65		B2220-481-0A0	LOOPER THREAD TAKE-UP	シタイト カム クミ	1
66		B2225-481-000	SCREW	シタイト カムトメネジ	1

8. OIL LUBRICATION MECHANISM COMPONENTS
給油関係



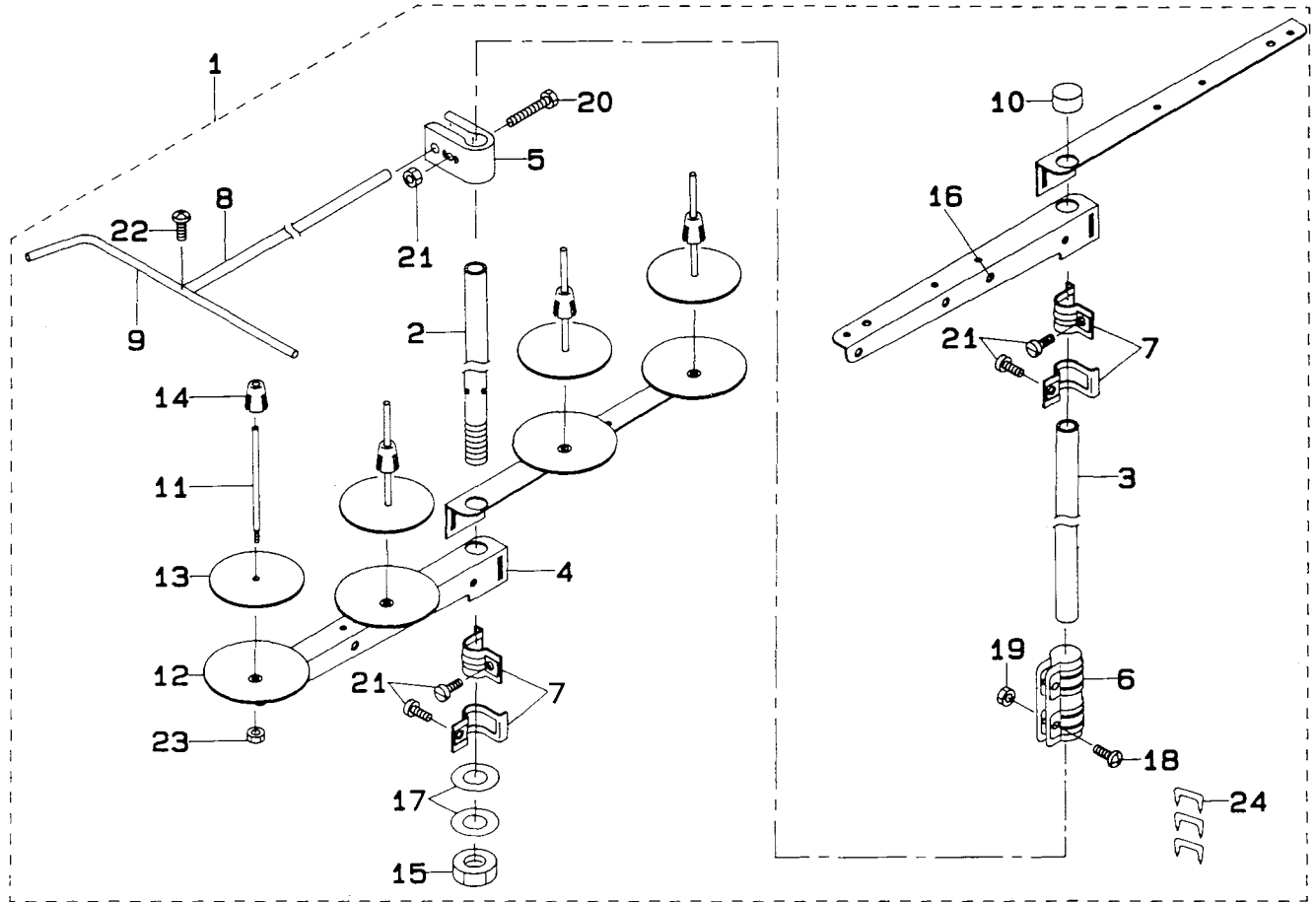
REF.NO	NOTE	PART NO.	DESCRIPTION	ヒンメイ	Qty
1		B3526-552-0A0	OIL RETURN TUBE ASM.	カンリユウ フィルト クミ	1
2		B3529-226-000	OIL FELT PRESSER	カンリユウ フィルトオサエ	1
3		D3536-555-B00	OIL RETURN TUBE PRESSER PLATE	カンリユウハ°イフ° オサエ	1
4		SS-4110715-SP	SCREW 11/64-40 L=7	ナハ°ネジ° 11/64-40 L=7	1
5		B3534-155-000	PLUNGER	プ°ランジ°ヤ-	1
6		B1214-038-000	PLUNGER SPRING	プ°ランジ°ヤ- オサエハ°ネ	1
7		SQ-1110401-MZ	CONNECTING SCREW	チユーブ°レンケツ°ネジ°	2
8		B3530-555-000	OIL SIGHT WINDOW	アブ°ラマト°	1
9		RO-1952401-00	RUBBER RING	Oリング°	1
10		B3527-415-000	RUBBER JOINT	キユー°ユ° ハ°イフ° ツキ°テ	2
11		B2657-771-000	GUIDE	ケー°ブル° アン°ナイ	1
12		SS-4110715-SP	SCREW 11/64-40 L=7	ナハ°ネジ° 11/64-40 L=7	2
13		B3553-481-000	GEAR OIL PIPE	ハケ°ルマ° キユー°ユ° ハ°イフ°	1
14		B3545-122-000	OIL GUARD	キユー°ユ° ホ°ン°プ° アブ°ラヨケ	1
15		B3554-481-000	HOLDER	ハケ°ルマ° キユー°ユ° ハ°イフ° オサエ	1
16		B3552-481-000	OIL PUMP INSTALLING COLLAR	ホ°ン°プ° タイ° カラー	3
17		B3513-481-000-A	UPPER SHAFT LUBRICATING PIPE	ウワジ°ク° キユー°ユ° ハ°イフ°	1
18		B3501-555-0A0	LUBRICATING OIL PUMP ASM.	キユー°ユ° ホ°ン°プ° タイ° クミ	1
19		B3503-555-000	OIL PUMP INSTALLING BASE	キユー°ユ° ホ°ン°プ° トリツケ°イタ	(1)
20		B3505-555-000	RUBBER JOINT	ウワジ°ク°キユー°ユ°ハ°イフ° ツキ°テ	(1)
21		B3506-555-000	RUBBER JOINT	カマ°キユー°ユ°ハ°イフ° ツキ°テ	(1)
22		B3501-555-000	LUBRICATING OIL PUMP	キユー°ユ°ホ°ン°プ°タイ	(1)
23		B3507-555-000	OIL PUMP IMPELLER	ハネ°ク°ルマ°	(1)
24		B3508-555-000	OIL PUMP IMPELLER COVER	ハネ°ク°ルマ°ウケ°イタ	(1)
25		SM-4031001-SC	SCREW M3X0.5 L=10	ナハ°ユ°ネジ° M3X0.5 L=10	(3)
26		WT-0320002-KZ	WASHER	ハツ°キ°サ°カ°ネ° M3	(3)
27		NM-6030000-0E	NUT M3X0.5	ロツ°カ°ク°ナツ° M3X0.5 1シユ	(3)
28		B3502-555-000-A	LUBRICATING OIL PUMP COVER	キユー°ユ° ホ°ン°プ° フタ	(1)
29		SE-4301031-SR	SCREW	タツ°フ°タイ°ネジ° 3X10	(5)
30		SS-6123010-SP	SCREW 3/16-28 L=30.0	ヒラ°ネジ° 3/16-28 L=30	(2)
31		SS-6122510-SP	SCREW 3/16-28 L=25	ヒラ°ネジ° 3/16-28 L=25	(1)
32		B3521-481-000-A	LUBRICATING OIL PIPE	シタジ°ク°キユー°ユ°ハ°イフ°	1

9. OIL RESERVOIR & KNEE LIFTER COMPONENTS
油溜・膝上げ関係



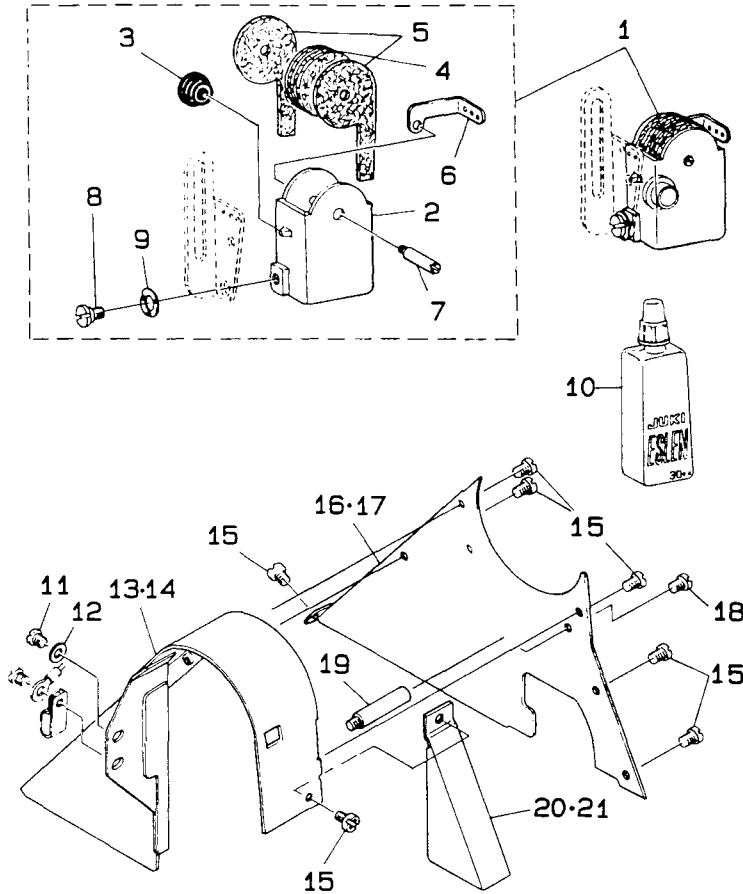
REF.NO	NOTE	PART NO.	DESCRIPTION	ヒ	ン	メ	イ	Qty										
1		B8217-481-AD0	OIL RESERVOIR ASM.	ア	フ	ラ	タ	マ	リ	ク	ミ	1						
2		B8217-481-AC0	OIL RESERVOIR ASM.	ア	フ	ラ	タ	マ	リ	ク	ミ	(1)						
3		B8217-481-000	OIL RESERVOIR	ア	フ	ラ	タ	メ				(1)						
4		B8235-481-000	GASKET A	ア	フ	ラ	タ	メ	ハ	°	ツ	キ	(A)	(2)				
5		B8237-481-000	GASKET C	ア	フ	ラ	タ	メ	ハ	°	ツ	キ	(C)	(1)				
6		D8227-555-E00	FELT CUSHION	ト	ー	フ	キ	サ	イ	ユ	ム	(4)						
7		SS-7701010-SP	SCREW 5/16-24 L=10	マ	ル	ヒ	ラ	ネ	シ	5/16-24	L=10	(2)						
8		RO-0681901-00	RUBBER RING	リ	ン	ク						(2)						
9		B3420-555-0A0	KNEE PRESS ROD ASM.	ヒ	サ	ア	テ	ヨ	コ	ジ	ク	ク	ミ	(1)				
10		B3420-555-000	KNEE PRESS ROD	ヒ	サ	ア	テ	ヨ	コ	ジ	ク		(1)					
11		B3427-122-000	KNEE PRESS ROD MOUNTING BRACKE	ヒ	サ	ア	テ	タ	テ	ジ	ク	ト	リ	ウ	ケ	ウ	テ	(1)
12		SS-9182010-SN	SCREW 9/32-20 L=20	ロ	ウ	カ	ク	ホ	°	ル	ト	9/32-20	L=20	(2)				
13		B3426-552-000	THRUST RING	ヒ	サ	ア	テ	ヨ	コ	ジ	ク	ス	ラ	ス	ト	ウ	ケ	(1)
14		B3429-555-000	SPRING	ヒ	サ	ア	ケ	カ	イ	テ	ン	ウ	テ	ハ	ネ		(1)	
15		B3425-555-000	CONNECTING ROD, VERTICAL	ヒ	サ	ア	ケ	カ	イ	テ	ン	ウ	テ		(1)			
16		SS-9151810-SR	SCREW	ロ	ウ	カ	ク	ホ	°	ル	ト		(1)					
17		SS-8153010-SR	SCREW 15/64-28 L=30	ト	メ	ネ	シ	15/64-28	L=30			(1)						
18		NS-6150430-SR	NUT 15/64-28	ロ	ウ	カ	ク	ナ	ツ	15/64-28		(2)						
19		SS-8152080-SR	SCREW 15/64-28 L=19.5	ト	メ	ネ	シ	15/64-28	L=19.5			(1)						
20		B3421-555-000	KNEE PRESS LIFTER ROD	ヒ	サ	ア	ケ	オ	シ	ホ		1						
21		B8228-125-000	OIL RESERVOIR MAGNET	ジ	ン	ヤ	ク					1						
22		110-23751	KNEE PRESS PLATE ASM.	ヒ	サ	ア	テ	イ	タ	ク	ミ	1						
23		B3431-552-000-A	KNEE PRESS PLATE COVER	ヒ	サ	ア	テ	イ	タ	カ	ハ		(1)					
24		B3419-122-000	KNEE LIFTER PLATE ROD	ヒ	サ	ア	テ	タ	テ	ジ	ク	(1)						
25		110-24403	RUBBER	ヒ	サ	ア	テ	ゴ	ム			(1)						
26		110-23702	KNEE PRESS PLATE	ヒ	サ	ア	テ	イ	タ			(1)						
27		110-23801	KNEE PRESS PLATE HOLDER	ヒ	サ	ア	テ	イ	タ	サ	サ	エ	(1)					
28		SS-9151540-SR	SCREW 15/64-28 L=15	ロ	ウ	カ	ク	ホ	°	ル	ト	15/64-28	L=15	(1)				

10. THREAD STAND COMPONENTS
糸立装置関係



REF.NO	NOTE	PART NO.	DESCRIPTION	ヒ	ン	メ	イ	Qty
1		B3301-380-0A0	THREAD STAND ASM.	イトタテソウチ	クミ			1
2		111-85105	SPOOL REST ROD, LOWER	イトタテホ	ウ	ニ	タ	(1)
3		111-85204	SPOOL REST ROD, UPPER	イトタテホ	ウ	ウ	エ	(1)
4		119-69409	THREAD GUIDE ARM B	イトタテウテ			B	(4)
5		B3304-704-000-A	THREAD GUIDE ARM HOLDER	イトアンナイウテ			ホルター	(1)
6		B3305-704-000-A	SPOOL REST ROD JOINT	イトタテホ			ツキ	(1)
7		B3318-704-L00-A	THREAD GUIDE ARM JOINT	イトタテウテ			シメカナク	(4)
8		B3309-704-000	THREAD GUIDE ARM	イトタテ	イトアンナイ		ウテ	(1)
9		B3311-804-000	LOWER THREAD GUIDE	イトタテ	イトアンナイ		シタ	(1)
10		B3311-704-000	SPOOL REST ROD RUBBER CAP	イトタテホ			ホコ	(1)
11		B3320-704-L00-A	SPOOL PIN	イトマキウケホ			ウ	(4)
12		119-66504	SPOOL REST	イトマキウケサ			ラ	(4)
13		B3311-012-000	SPOOL REST CUSHION	イトマキウケサ				(4)
14		111-85501	SPOOL RETAINER	イトマキ			フレ	(4)
15		B3317-704-000	NUT C15	イトタテホ			トメナツト	(1)
16		B3319-704-L00	THREAD GUIDE	イトミチ				(4)
17		WP-1612616-SE	WASHER 16X30X2.6	ヒラサ			カ	(2)
18		SM-4051405-SE	SCREW M5X0.8 L=14	ナ			コ	(2)
19		NM-6050001-SE	NUT M5X0.8	ロツカクナツト			M5X0.8	(2)
20		SM-6053000-SE	SCREW M5X0.8 L=30	ヒラコネシ			M5X0.8	(1)
21		SM-6061610-SC	SCREW M6 L=16	ヒラコネシ			M6 L=16	(4)
22		SS-7110540-SP	SCREW 11/64-40 L=5	マルヒラネシ			11/64-40 L=5	(1)
23		NM-6050001-SE	NUT M5X0.8	ロツカクナツト			M5X0.8	(4)
24		MAO-11532000	CORD STAPLE	コート			ステツ	(2)

11. SILICON OIL LUBRICANT & BELT COVER COMPONENTS
 エスレン装置・ベルトカバー関係




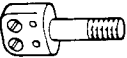
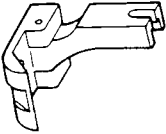
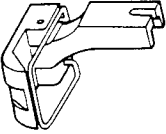


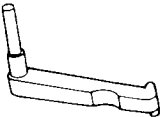
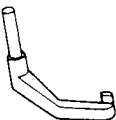
REF.NO	NOTE	PART NO.	DESCRIPTION	ヒ シ ム イ	Qty
1	#02	B1161-481-0B0	SILICONE OIL LUBRICANT ASM.	エスレンケース クミ	1
2	#02	B1161-481-000-A	SILICON OIL CASE	エスレンケース	(1)
3	#02	TA-1050504-R0	RUBBER PLUG	トメセン	(1)
4	#02	B1162-481-000	SILICON OIL FELT	エスレンフェルト	(5)
5	#02	B1166-481-000	SILICON OIL FELT	エスレン ホキユーフエルト	(2)
6	#02	B1167-481-000	SILICON THREAD GUIDE	エスレンイトアンナイ	(1)
7	#02	B1168-481-000	SCREW	エスレンイトアンナイ トメネジ	(1)
8	#02	SD-0640231-SP	HINGE SCREW D= 6.35 H= 2.3	タネネジ D=6.35 H=2.3	(1)
9	#02	WZ-0641510-KP	WAVED WASHER 6.4X11X0.3	ナミカ タサカネ 6.4X11X0.3	(1)
10	#02	B9135-123-0B0	SILICON OIL LUBRICANT ASM. (30	エスレンヨーキ (30CC)	1
11		SS-4150915-SP	SCREW 15/64-28 L=9	ナハネジ 15/64-28 L=9	1
12		WP-0621016-SD	WASHER 6.2X13X1	ヒラサカネ 6.2X13X1	1
13		D8230-555-E00	BELT COVER	ベルトカバー	1
14	#01	D8230-555-E0A	BELT COVER	ベルトカバー	1
15		SS-4110515-SP	SCREW 11/64-40 L=5	ナハネジ 11/64-40 L=5	7
16		D8231-555-E00	BELT COVER TOP	ベルトカバーフタ	1
17	#01	D8231-555-E0B	COVER	ベルトカバーフタ	1
18		SS-4110815-SP	SCREW 11/64-40 L=8	ナハネジ 11/64-40 L=8	1
19		D8232-555-B00	BELT COVER SUPPORT	ベルトカバー ジチユウ	1
20		D8232-555-E00	THREAD WINDER COVER	イトマキカバー	1
21	#01	D8232-555-E0A	BOBBIN WINDER COVER	イトマキカバー	1

Note (注記) #01.....FOR URBAN WHITE
 #02.....SPECIAL ORDER PART

アーバンホワイト用
 特別注文部品

TABLE OF EXCHANGING GAUGE SETS FOR MH-380 & 382

MH-380・382 ゲージセット一覧表

Description 品名	Throat plate	Needle clamp asm.	Presser foot asm.	Presser foot asm. (with finger guard)	Feed dog	Rear moving needle guard	Right fix needle guard	Left needle guard
	針板 A	針留(組) B	押エ(組) C	押エ(組) (針カバー付) D		送り歯 E	揺動針受 F	右側固定針受 G
Gauge components ゲージ関係								
	1/8" (3.2mm)	B1103-380-B00	B1406-019-BA0	B1509-038-BA0	B1509-038-BB0	B1613-380-B00	B2311-380-B00	B2312-380-000
	5/32" (4.0mm)	B1103-380-C00	B1406-019-CA0	B1509-038-CA0	B1509-038-CB0			
	3/16" (4.8mm)	B1103-380-D00	B1406-019-DA0	B1509-038-DA0	B1509-038-DB0	B1613-380-D00	B2311-380-E00	B2315-380-000
	7/32" (5.6mm)	B1103-380-E00	B1406-019-EA0	B1509-038-EA0	B1509-038-EB0			
	1/4" (6.4mm)	B1103-380-F00	B1406-019-FA0	B1509-038-FA0	B1509-038-FB0	B1613-380-F00	B2311-380-H00	B2312-380-000
	5/16" (7.9mm)	B1103-380-H00	B1406-038-HA0	B1509-038-HA0	B1509-038-HB0			
	3/8" (9.5mm)	B1103-380-K00	B1406-038-KA0	B1509-038-KA0	B1509-038-KB0	B1613-380-K00	B2311-380-L00	B2312-380-000
1/2" (12.7mm)	B1103-380-L00	B1406-038-LA0	B1509-038-LAB	B1509-038-LBB				
9	B1103-382-000	D1406-038-BA0	B1524-382-0A0	B1524-382-0B0	B1613-382-000	B2311-382-000	B2312-382-000	