CHANDLER MACHINE USA

INSTRUCTIONS
&
PARTS BOOK
CM-8700

Chandler Machine USA, LLC

400 VETERANS BLVD, CARLSTADT NJ 07072

212-741-2474

IMPORTANT SAFETY INSTRUCTIONS

Putting sewing systems into operation is prohibited until is has been ascertainde that the sewing systims 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 folowing 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. use 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 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 eldctric trchnicians 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 woth the safety rules/standards while taking all the effective safety measures. 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

FOR SAFE OPERATION



1. To avoid electrical shock hazards, neither open the cover of the electrical box for the motor nor uch the components mounted inside the electrical box.



1. To avoid personal injury, never operate the machine with any of the belt cover, finger guard or safety devices removed.
2. To prevent possible personal injuries caused by being caught in the machine, keep your fingers, head and clothes away from the handwheel, V belt and the motor while the machine is operation. In addition, place nothing around them.
3. To avoid personal injury, never put your hand under the needle when you turn"ON"the power switch or operate the machine.
4. To avoid personal injury, never put your fingers into the thread take – up cover while the machine is in operation.
5. The hook rotates at a high speed while the machine is in operation. To prevent possible injury to hands, be sure to keep your hands away from the vicinity of the hook during operation. In addition, be sure to turn OFF the power to the machine when replacing the bobbin.
6. To avoid possible personal injuries, be careful not to allow your fingers in the machine when tiling/raising the machine head.
7. To avoid possible accidents because of abrupt start of the machine, turn OFF the power to the machine when tilting the machine head or removing the belt cover and the V belt.
8. If your machine is equipped with a servo – motor, the motor does not produce noise while the machine is at rest. To avoid possible accidents due to abrupt start of the machine, be sure to turn OFF the power to the machine.
9. To avoid electrical shock hazards, never operate the sewing machine with the ground wire for the power supply removed.
10. To prevent possible accidents because of electric shock or damaged electrical component(s), turn OFF the power switch in prior to the connection/disconnection of the power plug.

CONTENTS

BEFORE OPERATION 1

1. INSTALLATION 2
2. LUBRICATION 3
3. ADJUSTING THE AMOUNT OF OIL (OIL SPOTS) IN THE HOOK 4
4. ATTACHING THE NEEDLE 5
5. SETTING THE BOBBIN INTO THE BOBBIN CASE 6
6. THREADING THE MACHINE HEAD 6
7. ADJUSTING THE STITCH LENGTH 7
8. THREAD TENSION 7
9. THREAD TAKE – UP SPRING 8
10. HAND LIFTER 8
11. PRESSER FOOT PRESSURE 9
12. ADJUSTING THE FEED TIMING 9
13. HEIGHT OF THE FEED DOG 10
14. NEEDLE – TO – HOOK RELATIONSHIP 10
15. ADJUSTING THE HEIGHT OF THE PRESSER FOOT 11
16. ADJUSTING THE THREAD TAKE – UP STROKE 11
17. INSTALLING THE BELT COVER AND THE BOBBIN WINDER 12
18. ADJUSTING THE HEIGHT OF THE KNEE LIFTER 12
19. SPECIFICATIONS 13
20. MOTOR PULLEYS AND BELTS 13
21. PARTS BOOK 14

BEFORE OPERATION



CAUTION:

To avoid malfunction and damage of the machine, contirm the following.

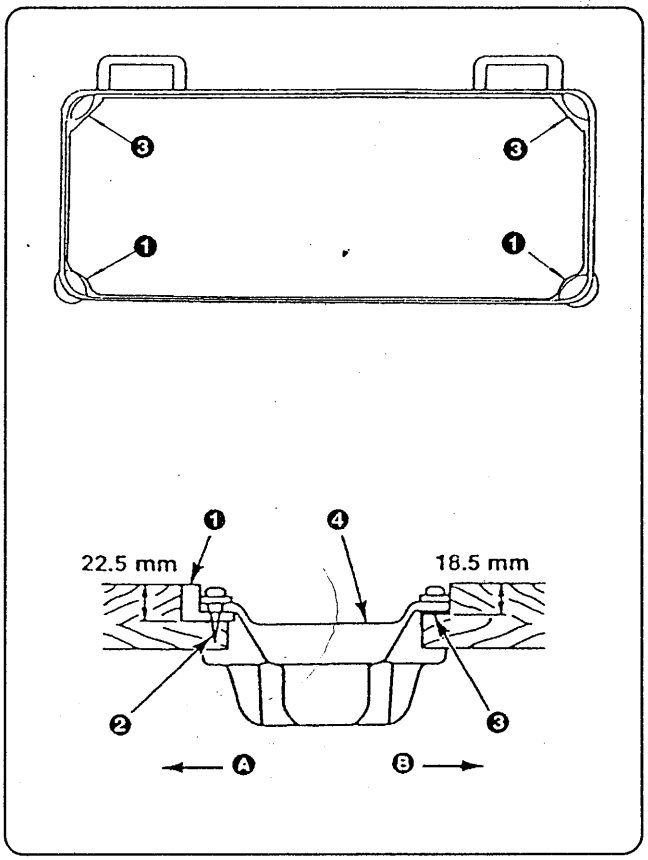
- Before you put the machine into operation for the first time after the set – up, clean it thoroughly.
- Remove all dust gathering during transportation and oil it well.
- Comfirm that the voltage has been correctly set.
- Confirm that the power plug has been properly connected to the power supply.
- Never use the machine in the state where the voltage type is different from the designated one.
- Confirm that the direction of rotation of the motor pulley is correct.

1. INSTALLATION

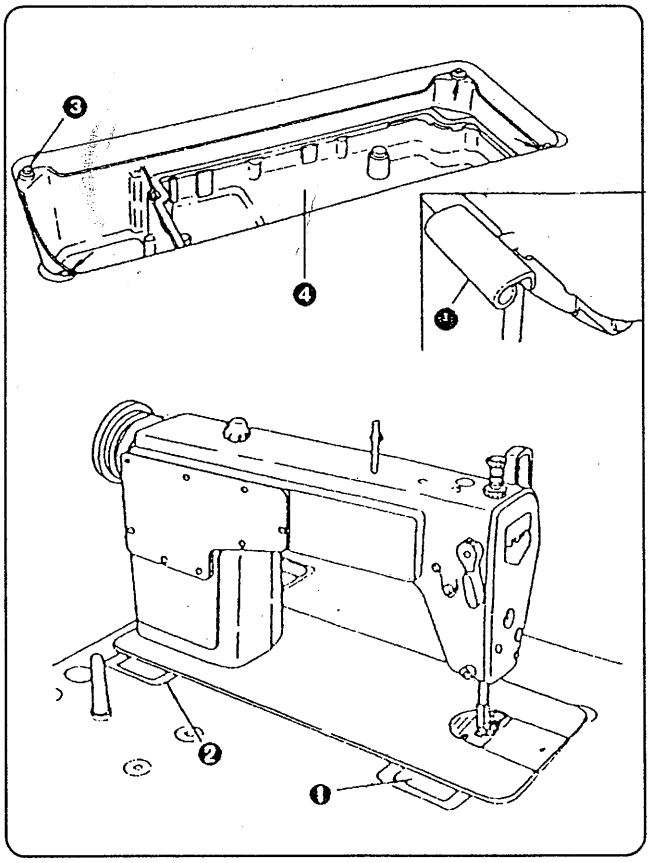
1. Installing the oil pan

1) The oil pan should rest on the four corners of the machine table groove.

2) Fix two rubber seats ❶ on side (operator's side) using nails ❷ as illustrated above. Fix two cushion seats ❸ on side (hinged side) using a rubber-based adhesive. Then place oil pan ❹ on the fixed seats.



1) Fit hinge ❶ into the opening in the machine bed , and fit the machine head to table rubber hinge ❷ before placing the machine head on cushions ❸ on the four cormers.



2. LUBRICATION

1. Information in lubrication

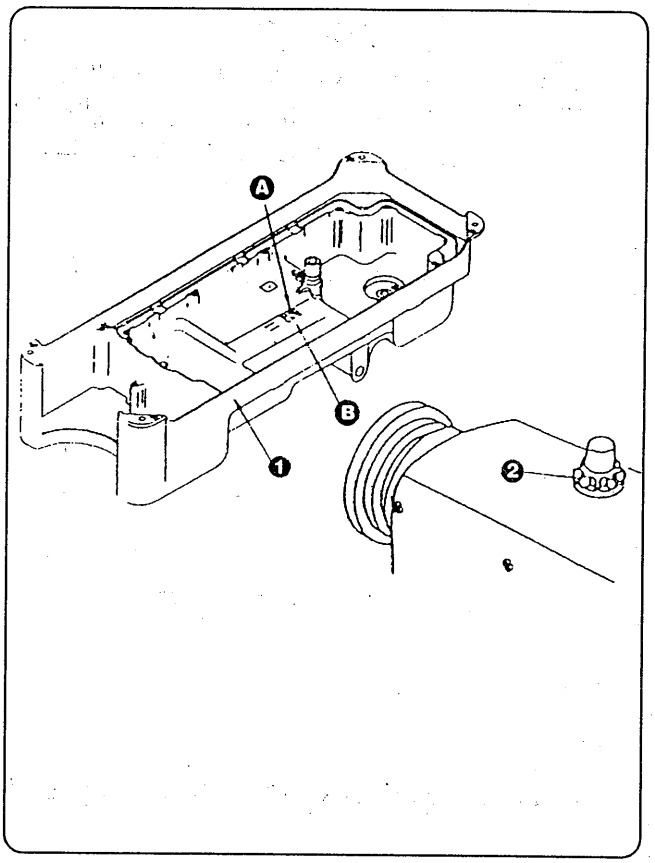
1) Fill oil pan ❶ New Defrix Oil up to HIGH mark Ⓐ.

2) When the oil level lowers below LOW mark Ⓑ, refill the oil pan with the specified oil.

3) When you operate the machine after lubrication, you will see splashing oil through oil sight window ❷ if the lubrication is adequate.

4) Note that amount of the splashing oil is unrelated to the amount of the lubricating oil.

(Precaution) When you first operate your machine after setup of after an extended period of disuse, run your machine at 3000 s. p. m. for about 10 minutes for the purpose of break – in.



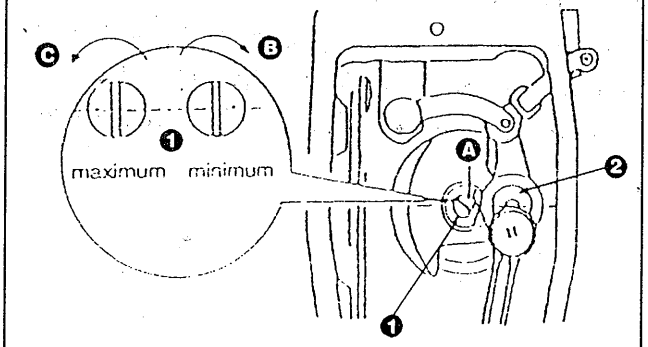
WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.

2. Adjusting the amount of oil supplied to the face plate parts.

1) Adjust the amount of oil supplied to the thread take – up and needle bar crank ❷ by turning adjust pin ❶.

2) The minimun amount of oil is reached when marker dot Ⓐ is brought close to needle bar crank ❷ by turning the adjust pin in direction Ⓑ.

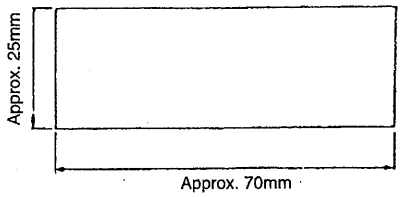
3) The maximum amount of oil is reached when marker dot Ⓐ is brought to the position just opposite from the needle bar crank by turning the adjust pin in direction Ⓒ.



3. ADJUSTING THE AMOUNT OF OIL (OIL SPOTS) IN THE HOOK

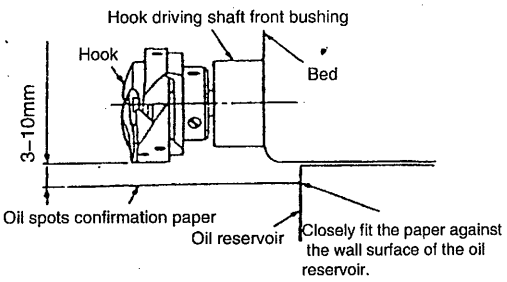
WARNING:
Be extrimely careful about the operation of the machine since the amount of oil has to be checked by turning the hook at a high speed.

Amount of oil (oil spots) confirmation paper



★Use any paper available regardless of the material

② Position to confirm the amount of oil (spots of oil)



★Place the amount oil (oil splashes) confirmation paper under the hook.

1) If the machine has not been sufficiently warmed up for operation, make the machine run idle for approximately three minutes. (Moderate intermittent operation)

2) Place the amount of oil (oil spots) confirmation paper under the hook immediately after the machine stops running.

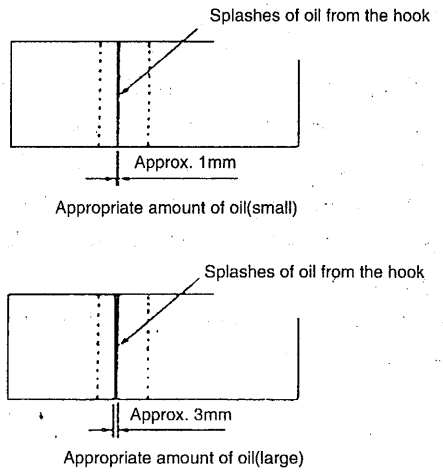
3) Confirm the height of the oil surface in the oil reservoir os within the range between "HI" and "LOW".

4) Confirmation of the amount of oil should be completed in five seconds. (Check the period of time with a watch.)

• Sample showing the appropriate amount of oil

1)The amount of oil shown in the examples on the left should be finely adjusted in accordance with sewing processes. Be careful not to excessively increase/decrease the amount oil. (If the amount of oil is insufficient, the hook may be seized (become hot) . If the amount of oil is too much, the sewing product may be stained with oil.)

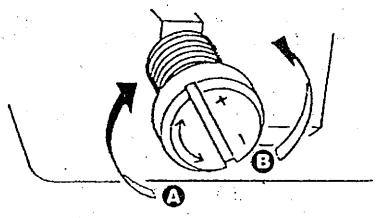
2) Adjust the amount of oil in the hook so that the oil amount (oil splashes) should not change while checking the oil amount three times(on the three sheets of paper.)



1) Turning the oil amount adjustment screw attached on the hook driving shatf front bushing in the " + " direction (in direction Ⓐ) will increase the amount of oil (oil spots) in the hook, or in the " – " direction (in direction Ⓑ)will decrease it.

2) After the amount of oil in the hook has been properly adjusted will the oil amount adjustment screw, make the sewing machine run idle for approximately 30 seconds to check the amount of oil in the hook.

• Adjusting the amount of oil(oil spots)in the hook



4. ATTACHING THE NEEDLE

WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.

Follow the procedure described below to attach needle, after confirming that the motor has come to a complete stop. A needle of DB × 1 or DP × 5 should be used. Select a proper needle size according to the count of thread and the type of material used.

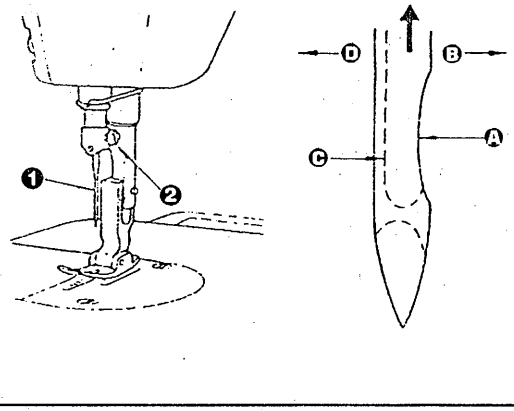
1) Turn the handwheel until the needle bar reaches the highest point of its stroke.

2)Loosen screw ❷, and hold needle ❶ with its indented part Ⓐ facing exactly to the right in direction Ⓑ .

3)Insert the needle fully into the hole in the needle bar in the direction of the arrow until the end of hole is reached.

4)Securely tighten screw ❷ .

5)Check that long groove Ⓒ of the needle is facing exactly to the left in direction Ⓓ .

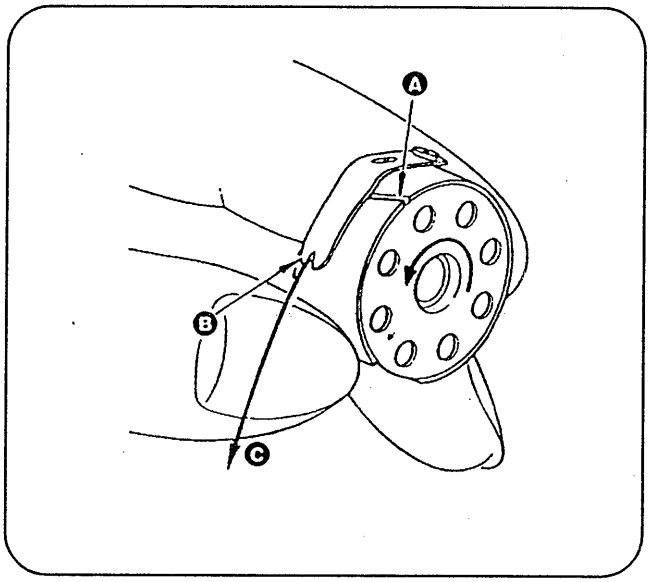


5. SETTING THE BOBBIN INTO THE BOBBIN CASE

1) Hold the bobbin in a way that the thread open end is directed to the left as observed form you, and set the bobbin into the bobbin case.

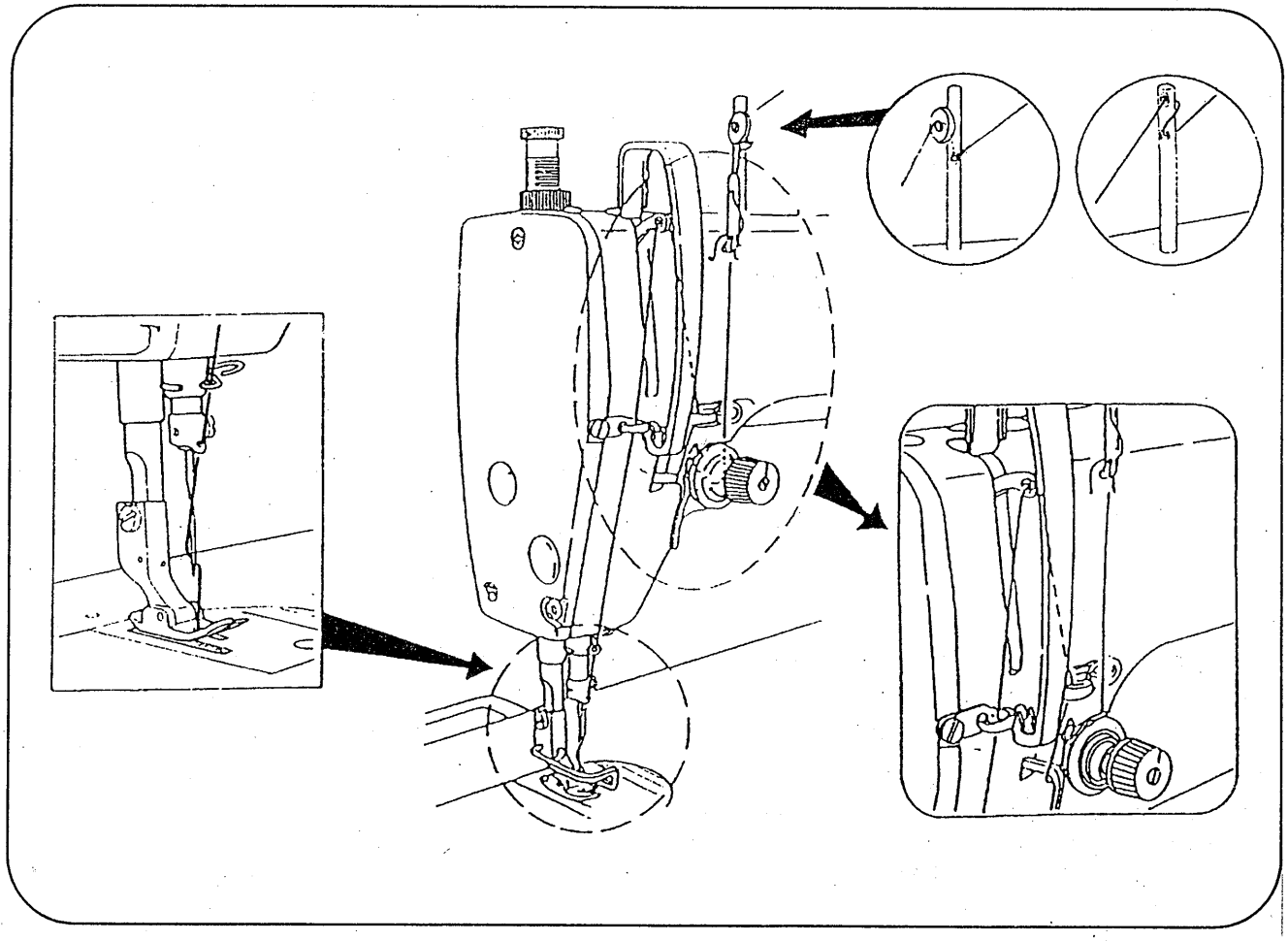
2) Pass the thread through thread slit Ⓐ, and pull the thread in direction Ⓑ, By so doing, the thread will pass under the tension spring and come out from notch Ⓑ.

3) Check that the bobbin rotates in the direction of the arrow when thread Ⓒ is pulled.



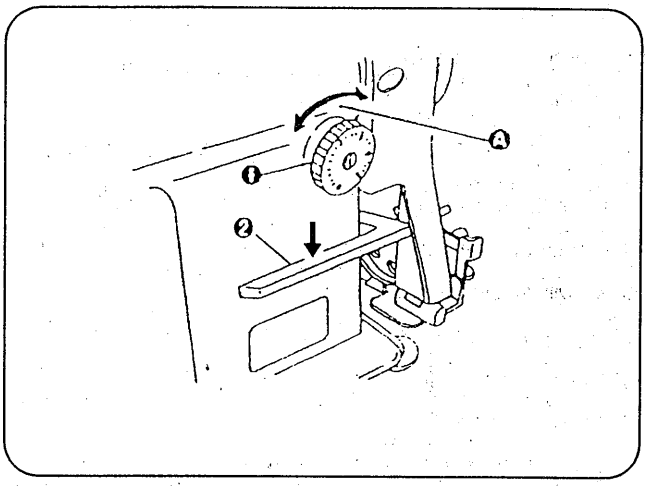
6. THREADING THE MACHINE HEAD

⚠	WARNING: Turn OFF the power before starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



7. ADJUSTING THE STITCH LENGTH

WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.

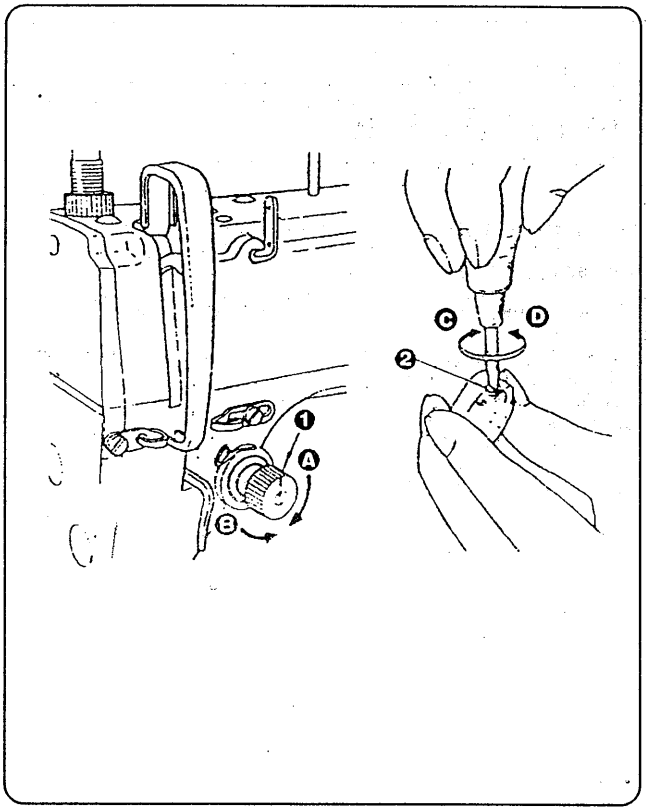


1) Turn stitch length dial ❶ in the direction of the arrow, and align the desired number to marker dot Ⓐ on the machine arm.

2) The dial calibration is in millimeters.

3) When you want to decrease the stitch length turn stitch length dial ❶ while pressing feed lever ❷ in the direction of the arrow.

8. THREAD TENSION



1. Adjusting the needle thread tension

1) Adjusting the needle thread tension using tension adjust nut ❶ according to the sewing specifications.

2) As you turn nut ❶ clockwise (in direction Ⓐ), the needle thread tension will increase.

3) As you turn nut ❶ counterclockwise (in direction Ⓑ), the tension will decrease.

2. Adjusting the bobbin thread tension

1) As you turn tension ajdust screw ❸ clockwise (in direction Ⓔ), the bobbin thread tension will be increased.

2) As you turn screw ❸ counterclockwise (in direction Ⓕ), the bobbin thread tension will be decreased.

9. THREAD TAKE – UP SPRING

1. Changing the stroke of thread take – up spring ❶

1)Loosen setscreew ❷.

2)As you turn tension post ❸ clockwise (in direction Ⓐ), the stroke of the thread take – up spring will be increased.

3)As you turn the knob couterclockwise (in directon Ⓑ), the stroke will be decreased.

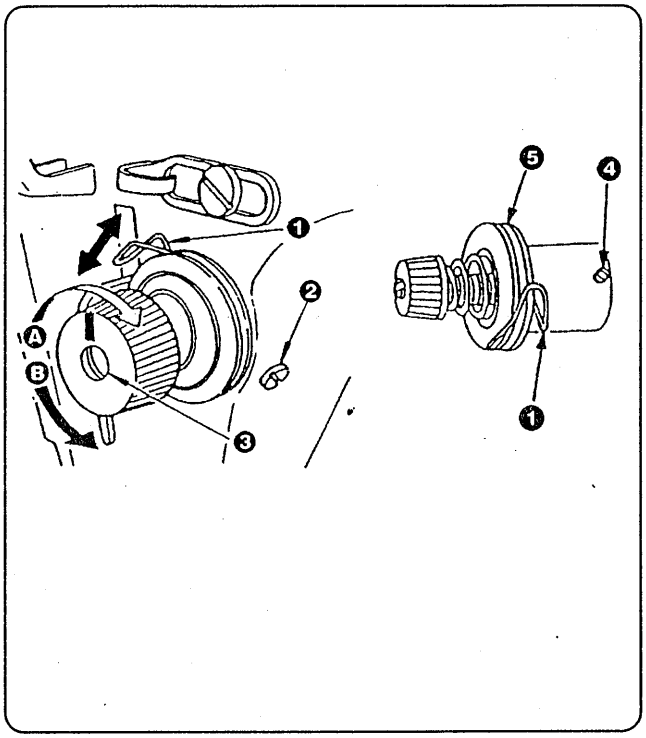
2. Changing the pressure of thread take – up spring ❶

1)Loosen setscrew ❷, and remove thread tension(asm.)❺.

2)Loosen setscrew ❹.

3)As you turn tension post ❸ clockwise (in direction Ⓐ). the pressure will be increased.

4) As you turn post counterclockwise (in direction Ⓑ), the pressure will be decreased.

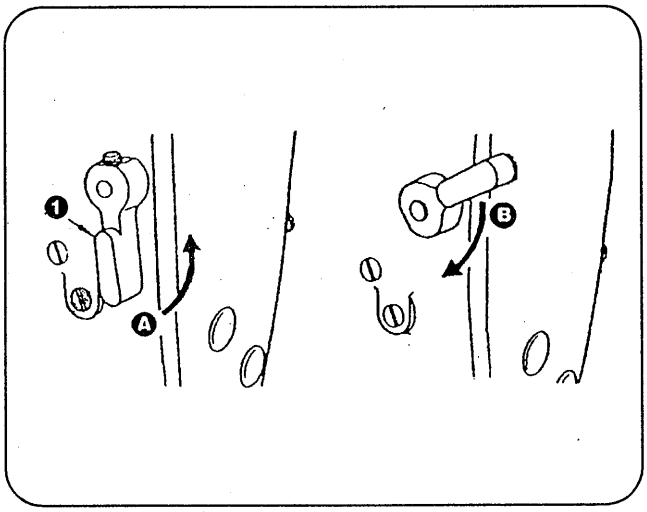


10. HAND LIFTER

1)To stop the machine with its presser foot up, turn hand lifter lever ❶ in direction Ⓐ.

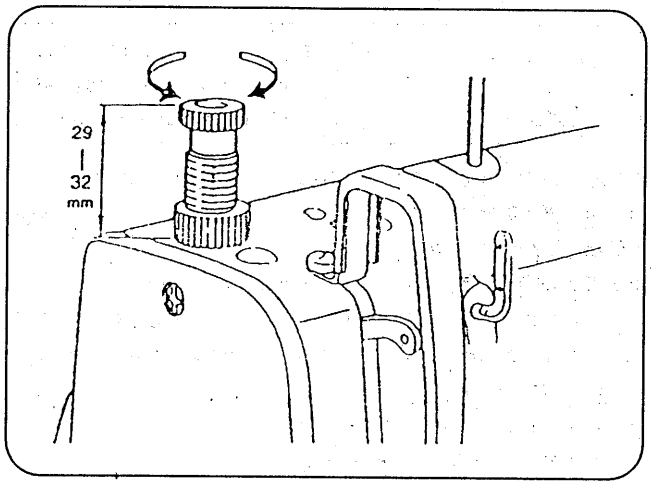
2) The presser foot will go up about 5. 5mm and stop. The presser foot will go back to its original position when hand lifter lever ❶ is turned down in direction Ⓑ.

3)Using the knee lifter, you can get a presser foot lift of about 10mm and a maximum lift of about 13mm.



11. PRESSER FOOT PRESSURE

WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



1) Loosen nut ❷. As you turn presser spring regulator ❶ clockwise (in direction Ⓐ), the presser foot pressure will be increased.

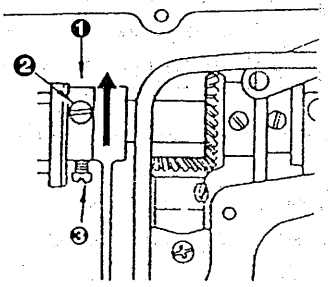
2) As you turn presser spring regulator counterclock wise (in direction Ⓑ), the pressure will be decreased.

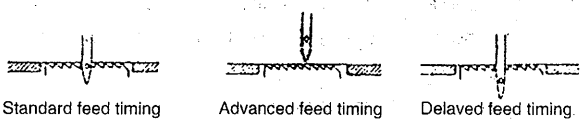
3) After adjustment, tighten nut ❷.

4) For general fabrics, the standard height of the presser spring regulator is 29 to 32mm (5kg) (7kg for GC6850).

12. ADJUSTING THE FEED TIMING

WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.





Standard feed timing | Advanced feed timing | Delaved feed timing

1) Loosen screws ❷ and ❸ in feed eccentric cam ❶, move the feed eccentric cam in the direction of the arrow or opposite direction of the arrow, and firmly tighten screws.

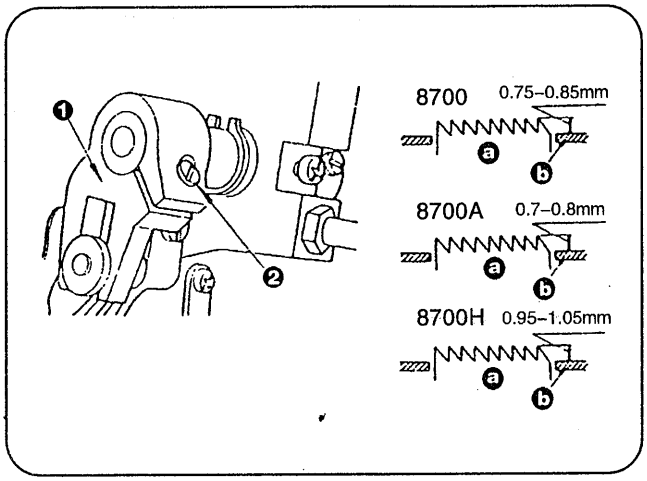
2) For the standard adjustment, adjust so that the top surface of feed dog and the top end of needle eyelet are flush with the top surface of throat plate when the feed dog descends below the throat plate.

3) To advance the feed timing in order to prevent uneven material feed, move the feed eccentric cam in the direction of the arrow.

4) To delay the feed timing in order to increase stitch tightness, move the feed eccentric cam in the opposite direction from the arrow.

13. HEIGHT OF THE FEED DOG

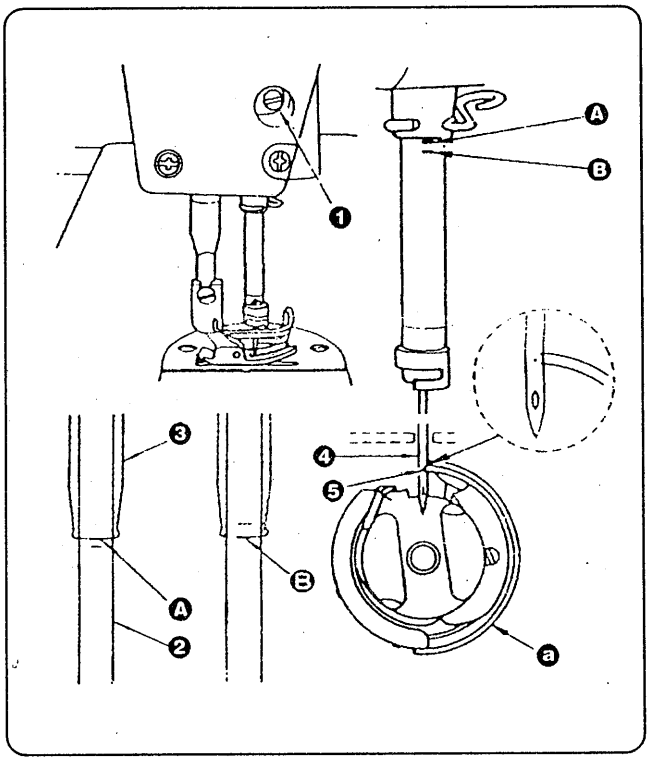
WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



1) The feed dog is factory – adjusted so that it juts out from the trroat plate surface 0.75mm to 0.85mm. For the GC 6850A, it juts 0.7mm to 0.8mm.
For the GC6850H, it juts nut 0.95mm to 1.05mm.
2) If the feed dog juts out too much, puckering may result when sewing light – weight materials. (Recommended protrusion: 0.7mm to 0.8mm)
3)To adjust the height of the feed dog:
① Loosen screw ❷ of crank ❶.
② Move the feed bar up or down to make adjustment.
③ Securely tighten screw ❷.
(Caution) If the clamping pressure is insufficient, the forked portion will wear out.

14. NEEDLE – TO – HOOK RELATIONSHIP

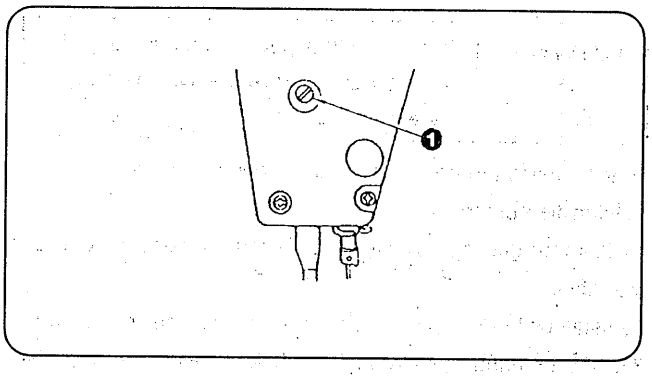
WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



1. Adjust the timing between the needle and the hook ad follows:
1) Turn the handwheel to bright the needle bar down to the lowest point of its strcke, and loosen setscrew ❶, (Adjusting the needle bar height).
2) (For a DB needle) Align marker line Ⓐ on needle bar ❷ with the bottomend of needle bar lower bushing ❸, then tighten setscrew ❶.
(For a DA needle) Align marker line Ⓒ on needle bar ❷ with the bottom end of needle bar lower bushing ❸, then tighter setscrew ❶.
(Adjusting position of the hook ⓐ).
3) (For a DB needle) Loosen the three hook setscrews, turn the handwheel and align marker line Ⓑ on ascending needle bar ❷ with the bottom end of needle bar lower bushing ❸.
(For a DA needle)Loosen the three hook setscrews, turn the handwheel, and align marker line ❺ on ascerning needle bar ❷ with the bottom end of needle bar lower bushing ❸.
4)After making the adjustments mentioned in the above steps, align hook blade point ❺ with the center of needle ❹. Provide a clearance of 0.04mm to 0.1mm(reference value) between the needle and the hook, then securely tighten setscrews in the hook.
(Caution)If the clearance between the blade point of hook and the needle is smaller than the specified value, the blade point of
* When replacing the hook, specify its part No. B18301270A0(1109259 fot GC6850H).

15. ADJUSTING THE HEIGHT OF THE PRESSER FOOT

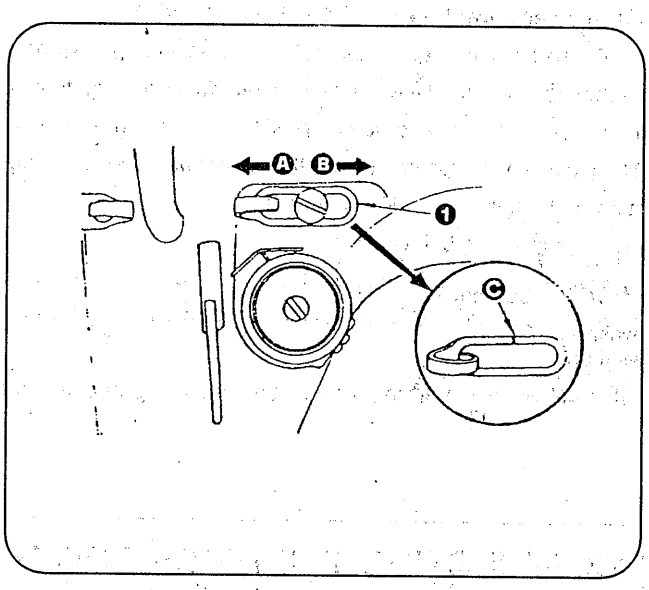
WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



1) Loosen setscreew ❶, and adjust the presser foot height of the presser foot.
2) After afjustment, securely tighten the setscrew.

16. ADJUSTING THE THREAD TAKE – UP STROKE

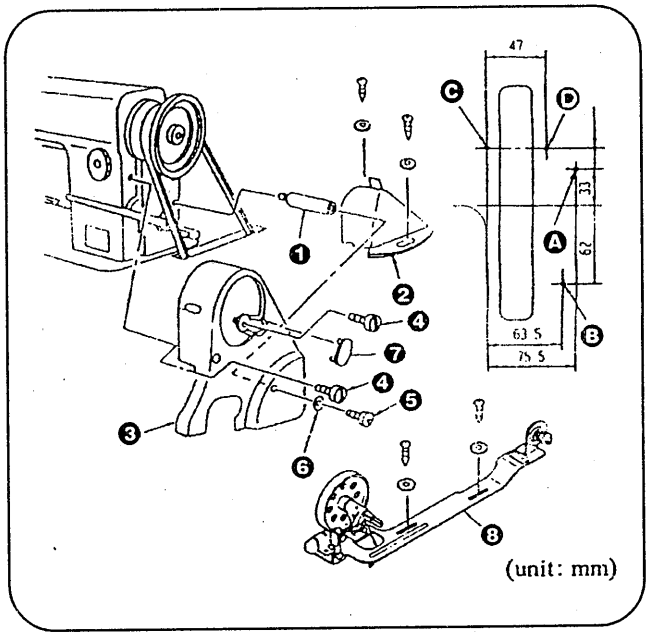
WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



1) When sewing heavy – weighy materials, move thread guide ❶ to the left in direction Ⓐ to incresase the lenght of thread pulled out by the thread take – up.
2) When sewing light – weight materials, move thread guide ❶ to the right in direction Ⓑ to decrease the length of thread pulled out by the thread take – up.
3) Nomally, thread guide ❶ is positioned in a way that marker line Ⓒ is aligned with the center of the screw.

17. INSTALLING THE BELT COVER AND THE BBBIN WINDER

WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



How to install the belt cover and the bobbin winder

1. Installtion procedure

1) Drill four guiding holes Ⓐ, Ⓑ, Ⓒ and for wooden screws in the table.

2) Install belt cover support ❶ in the tapped hole in the arm.

3) Pass the handwheel through the hole in belt cover A ❸, then set the handwheel on the arm. At this time, you can smoothly install the handwheel diagonally from the rear of the handwheel by tilting belt cover A ❸ as illustrated in the figure.

4) Place belt cover B ❷ on guiding holes Ⓒ and Ⓓ.

5) Fix belt cover A ❸ on the arm using screws ❹, ❺ and washer ❻, At this time, tighten screw ❹ with a tightening torque of 294N. cm and screw ❺ with a tightening torque of 245N. cm. If you tighten further these screws, the securing state of the belt cover will not change.

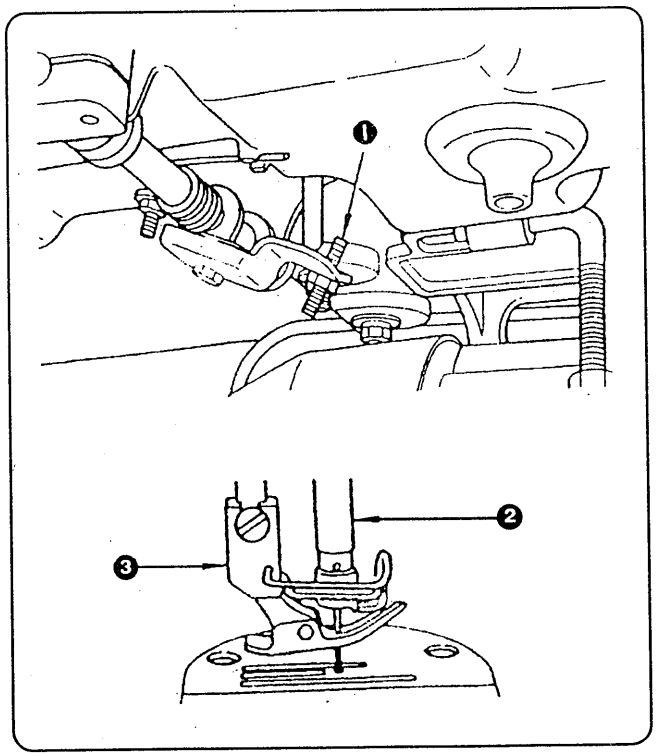
6) Fit cat ❼ to the belt cover A.

7) Move belt cover B ❷ backward until the rubber section of belt cover B ❷ comes in contact with belt cover A ❸. Then, further move the belt cover B in the same direction by 0. 5 to 1mm. Now, fix the belt cover B in position using wooden screw and washer.

8) Fix bobbin winder ❽ in guiding holes and using wooden screws and washers.

18. ADJUSTING THE HEIGHT OF THE KNEE LIFTER

WARNING	Turn OFF the power befor starting the work so as to prevent accidents caused by abrupt start of the sewing machine.



1) The standard height of the presser foot lifted using the knee lifter is 10mm.

2) You can adjust the presser foot lift up to 13mm using knee lifter adjust screw ❶. (The max. lift should be 9mm for the A type.)

3) When you have adjusted the presser foot lift to over 10mm, be sure that the bottom end of needle bar ❷ in its lowest position does not hit presser foot ❸.

19. SPESIFICATIONS

	BJ8700	BJ8700A	BJ8700H
Application	For medium – weight materials	For light – weight materials	For heavy – weight materials
Sewing speed	MAX. 4, 500s. p. m.	Max. 4, 000s. p. m.	Max. 4, 000s. p. m.
Stitch length	Max. 5mm	Max. 4mm	Max. 5mm
Presser foot lift(by knee lifter)	Standard 10mm Max. 13mm	9mm(Max.)	Standard 10mm Max. 13mm
Needle	DB x 1 #9 ~ #18	DA x 1 #9 ~ #11	DB x 1 #20 ~ #23
Lubricating oil	GC New Defrix Oil No. 1		

20. MOTOR PULLYS AND BELTS

1)A clutch motor with 400W output(1/2 HP) is used as the standard motor.

2)An M – type V belt should be used.

3)The relationship between the motor pulleys, belt lengths and sewing speeds is shown in the following table:

Motor pulley O. D. (mm)	Motor pulley part No.	Sewing speed(s. p. m.)		Belt length(in.)	Belt part No.
		50Hz	60Hz		
125	MTKP0120000	5, 060		44"	MTJVM004400
120	MTKP0115000	4, 850		43"	MTJVM004300
115	MTKP0110000	4, 630			
110	MTKP0105000	4, 440			
105	MTKP0100000	4, 250	5, 040	42"	MTJVM004200
100	MTKP0095000	4, 000	4, 780		
95	MTKP0090000	3, 820	4, 540		
90	MTKP0085000	3, 610 *	4, 320		
85	MTKP0080000	3, 390 *	4, 000	41"	MTJVM004100
80	MTKP0075000	3, 160 *	3, 790		
75	MTKP0070000	2, 950 *	3, 520 *		
70	MTKP0065000	2, 740 *	3, 260 *		

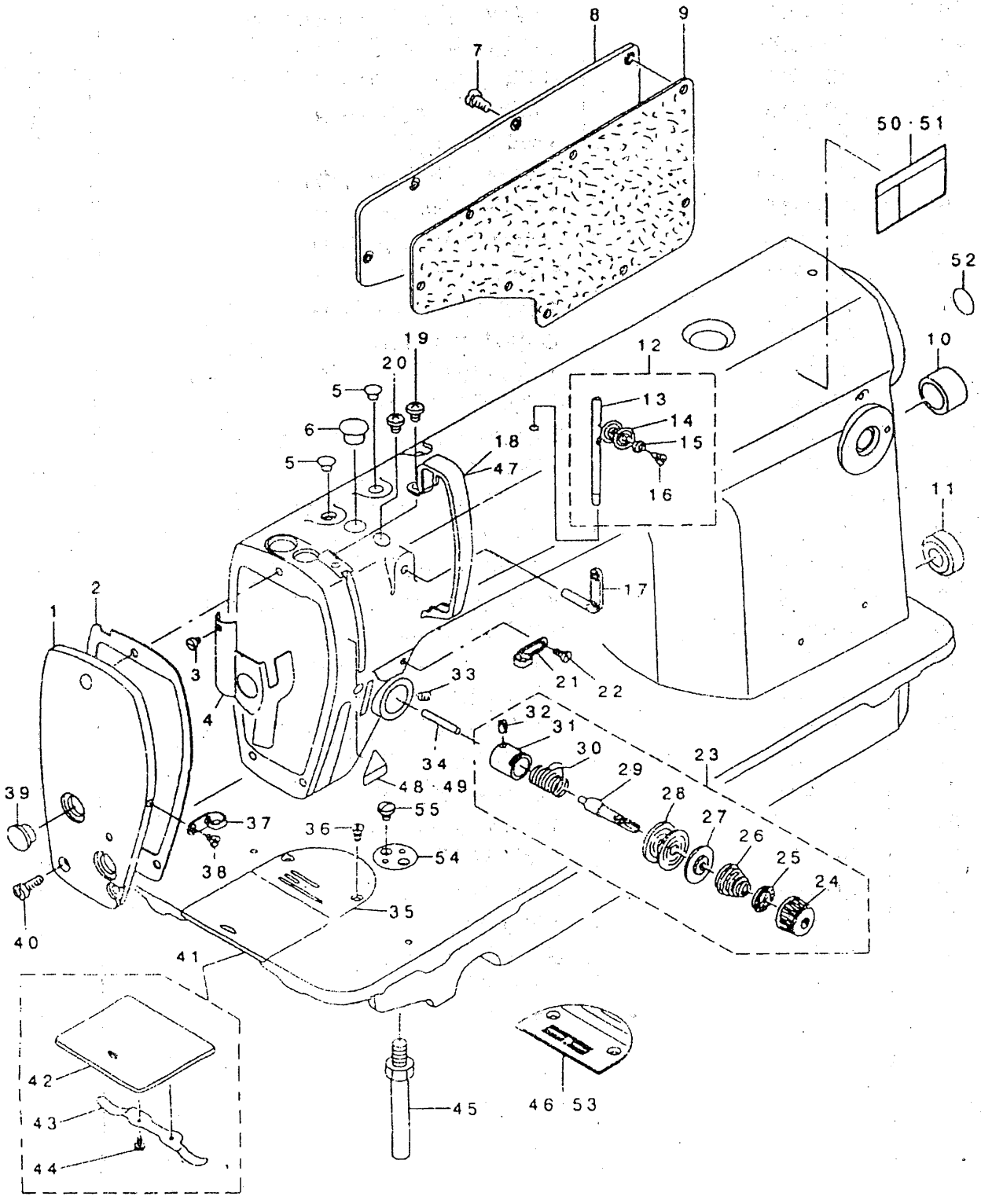
- The effective diameter of a motor pulley is equivalent to the outside diameter minus 5 mm.
- The motor should rotate counterclockwise as observed from the handwheel side. Be careful not to allow the motor to rotate in the reverse direction.

Parts book

1. MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 0101	FACE PLATE ASM.	1
2	20 – 0102	FACE PLATE GASKET	1
3	20 – 0103	SCREW 1/8 – 44 L = 4	1
4	20 – 0104	FACE PLATE OIL SHIELD ASM.	1
5	20 – 0105	RUBBER PLUG	2
6	20 – 0106	RUBBER PLUG	1
7	20 – 0107	SCREW 3/16 – 28 L = 9	8
8	20 – 0108	WINDOW PLATE	1
9	20 – 0109	GASKET	1
10	20 – 0110	RUBBER PLUG	1
11	20 – 0111	RUBBER PLUG	1
12	20 – 0112	NEEDLE THREAD GUIDE PIN ASM.	1
13	20 – 0113	THREAD GUIDE ROD	1
14	20 – 0114	THREAD GUIDE DISK	2
15	20 – 0115	THREAD GUIDE DISK SPRING	1
16	20 – 0116	HINGE SCREW D = 3. 8 H = 5. 5	1
17	20 – 0117	TWO EYELET	1
18	20 – 0118	THREAD TAKE – UP LEVER COVER	1
19	20 – 0119	SCREW 3/16 – 28 L = 6	1
20	20 – 0120	SCREW 3/16 – 28 L = 6	1
21	20 – 0121	ARM THREAD GUIDE A	1
22	20 – 0122	SCREW	1
23	20 – 0123	THREAD TENSION ASM.	1
24	20 – 0124	THREAD TENSION NUT	1
25	20 – 0125	ROTATION STOPPER	1
26	20 – 0126	THREAD TENSION SPRING, A	1
27	20 – 0127	DISK STOPPER	1
28	20 – 0128	THREAD TENSION DISK	2
29	20 – 0129	THREAD TENSION POST	1
30	20 – 0130	THREAD TAKE – UP SPRING	1
31	20 – 0131	THREAD TENSION POST BASE	1
32	20 – 0132	SCREW 9/64 – 40 L = 5. 5	1
33	20 – 0133	SCREW 15/64 – 28 L = 7	1
34	20 – 0134	TENSION RELEASING	1
35	20 – 0135	THROAT PLATE	1
36	20 – 0136	SCREW 11/64 – 40 L = 8. 5	2
37	20 – 0137	ARM THREAD GUIDE B	1
38	20 – 0138	SCREW 11/64 – 40 L = 6	1
39	20 – 0139	RUBBER PLUG D = 12. 5 L = 4	2
40	20 – 0140	SCREW 3/16 – 28 L = 9	3
41	20 – 0141	SLIDE PLATE ASM.	1
42	20 – 0142	SLIDE PLATE	1
43	20 – 0143	SLIDE PLATE SPRING	1
44	20 – 0144	SCREW 3/32 – 56 L = 1. 9	2
45	20 – 0145	BED SCREW STUD	4
46	20 – 0146	THROAT PLATE	1
47	20 – 0147	THROAT PLATE	1
48	20 – 0148	THREAD TAKE – UP LEVER COVER	1
49	20 – 0149	ATTENTION SEAL	1
50	20 – 0150	INDICATION PLATE B	1
51	20 – 0151	SCREW 11/64 – 40 L = 5	1
52	20 – 0152	SAFETY LABEL.,3(SMALL).	1
53	20 – 0153	GROUND MARK	1
54	20 – 0154	RULER STOP SEAT	1
55	20 – 0155	INDICATION PLATE A	2

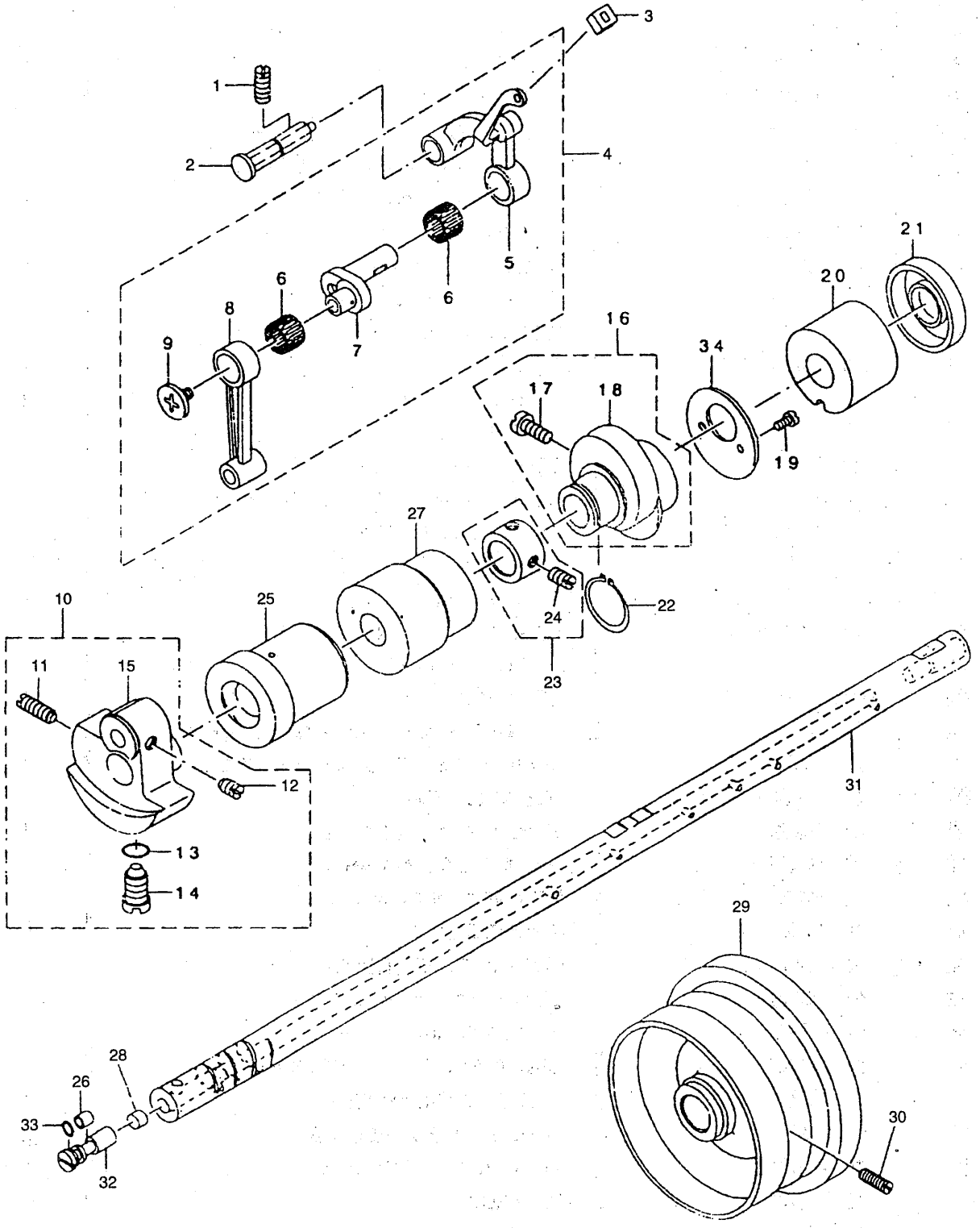
1. MACHINE FRAME & MISCELLANEOUS COVER COMPONENTS



2. MAIN SHAFT & THREAD TAKE – UP LEVER COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty.
1	20 – 0201	SCREW 15/64 – 28 L = 10. 5	1
2	20 – 0202	THREAD TAKE – UP CRANK SHAFT ASM	1
3	20 – 0203	OIL PROTECTING RUBBER	1
4	20 – 0204	THREAD TAKE – UP LEVER ASM.	1
5	20 – 0205	THREAD TAKE – UP LEVER ASM.	1
6	20 – 0206	NEEDLE BEARING	1
7	20 – 0207	NEEDLE BAR CRANK	1
8	20 – 0208	NEEDLE BAR CRANK ROD	2
9	20 – 0209	LEFT SCREW	1
10	20 – 0210	COUNTER WEIGHT ASM.	1
11	20 – 0211	SCREW 9/32 – 28 L = 16	1
12	20 – 0212	SCREW 1/4 – 40 L = 6	2
13	20 – 0213	RUBBER RING	1
14	20 – 0214	SCREW 9/32 – 28 L = 16	1
15	20 – 0215	COUNTER WEIGHT	1
16	20 – 0216	FEED DRIVE ECCENTRIC CAM ASM.	1
17	20 – 0217	SCREW 1/4 – 40 L = 11	2
18	20 – 0218	FEED DRIVE ECCENTRIC CAM	1
19	20 – 0219	SCREW 9/64 – 40 L = 6	2
20	20 – 0220	MAIN SHAFT BUSHING, REAR	1
21	20 – 0221	OIL SEAL	1
22	20 – 0222	SNAP RING 18. 5	1
23	20 – 0223	MAIN SHAFT THRUST COLLAR ASM.	1
24	20 – 0224	SCREW 1/4 – 40 L = 6	2
25	20 – 0225	MAIN SHAFT BUSHING, FRONT	1
26	20 – 0226	OIL ADJUSTING COLLAR	1
27	20 – 0227	BUSHING, INTERMEDIATE	1
28	20 – 0228	ROLLER FELT	1
29	20 – 0229	HAND WHEEL	1
30	20 – 0230	SCREW 15/64 – 28 L = 15	2
31	20 – 0231	MAIN SHAFT	1
32	20 – 0232	ADJUSTING PIN	1
33	20 – 0233	RUBBER RING	1
34	20 – 0234	THRUST COLLAR	1

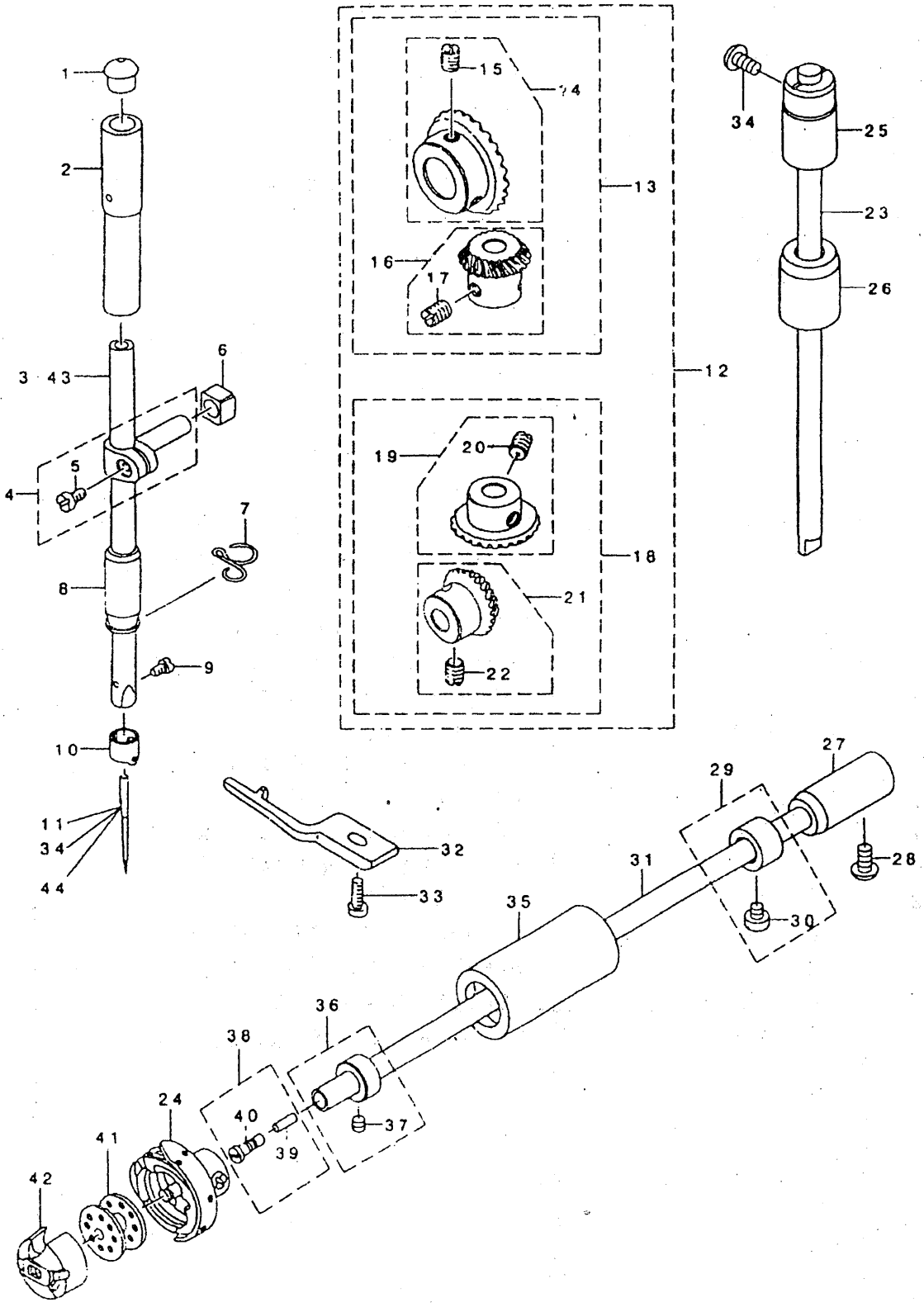
2. MAIN SHAFT & THREAD TAKE – UP LEVER COMPONENTS



3. NEEDLE BAR, UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 0301	CAP	1
2	20 – 0302	NEEDLE BAR BUSHING, UPPER	1
3	20 – 0303	NEEDLE BAR	1
4	20 – 0304	NEEDLE ROD HOLDER ASM.	1
5	20 – 0305	SCREW 9/64 – 40 L = 60	1
6	20 – 0306	SLIDE BLOCK	1
7	20 – 0307	NEEDLE BAR THREAD GUIDE	1
8	20 – 0308	NEEDLE BAR BUSHING, LOWER	1
9	20 – 0309	SCREW 1/8 – 44 L = 4. 5	1
10	20 – 0310	NEEDLE BAR THREAD GUIDE	1
11	20 – 0311	NEEDLE DBX1 #14	1
12	20 – 0312	GEAR & PINION ASM.	1
13	20 – 0313	GEAR & PINION ASM, UPPER	1
14	20 – 0314	GEAR ASM.	1
15	20 – 0315	SCREW 1/4 – 40 L = 8	2
16	20 – 0316	PINION ASM.	1
17	20 – 0317	SCREW 1/4 – 40 L = 8	2
18	20 – 0318	GEAR & PINION ASM, LOWER	1
19	20 – 0319	GEAR ASM. LARGE	1
20	20 – 0320	SCREW 1/4 – 40 L = 8	2
21	20 – 0321	PINION ASM.	1
22	20 – 0322	SCREW 1/4 – 40 L = 8	2
23	20 – 0323	UPRIGHT SHAFT	1
24	20 – 0324	HOOK ASM.	1
25	20 – 0325	UPRIGHT SHAFT BUSHING, LOWER	1
26	20 – 0326	UPRIGHT SHAFT BUSHING, LOWER	1
27	20 – 0327	BUSHING, REAR	1
28	20 – 0328	SCREW 3/16 – 28 L = 9	1
29	20 – 0329	THRUST COLLAR ASM.	1
30	20 – 0330	SCREW 11/64 – 40 L = 4. 8	2
31	20 – 0331	LOWER SHAFT	1
32	20 – 0332	BOBBIN CASE HOLDER	1
33	20 – 0333	SCREW 11/64 – 40 L = 9. 5	1
34	20 – 0334	SCREW 3/16 – 28 L = 9	1
35	20 – 0335	LOWER SHAFT FRONT METAL	1
36	20 – 0336	THRUST COLLAR ASM.	1
37	20 – 0337	SCREW 11/64 – 40 L = 3. 5	2
38	20 – 0338	OIL SEAL SCREW ASM.	1
39	20 – 0339	OIL WICK	1
40	20 – 0340	OIL SEAL SCREW	1
41	20 – 0341	BOBBIN	1
42	20 – 0342	BOBBIN CASE ASM.	1
43	20 – 0343	NEEDLE BAR	1
44	20 – 0344	NEEDLE 134 90	1

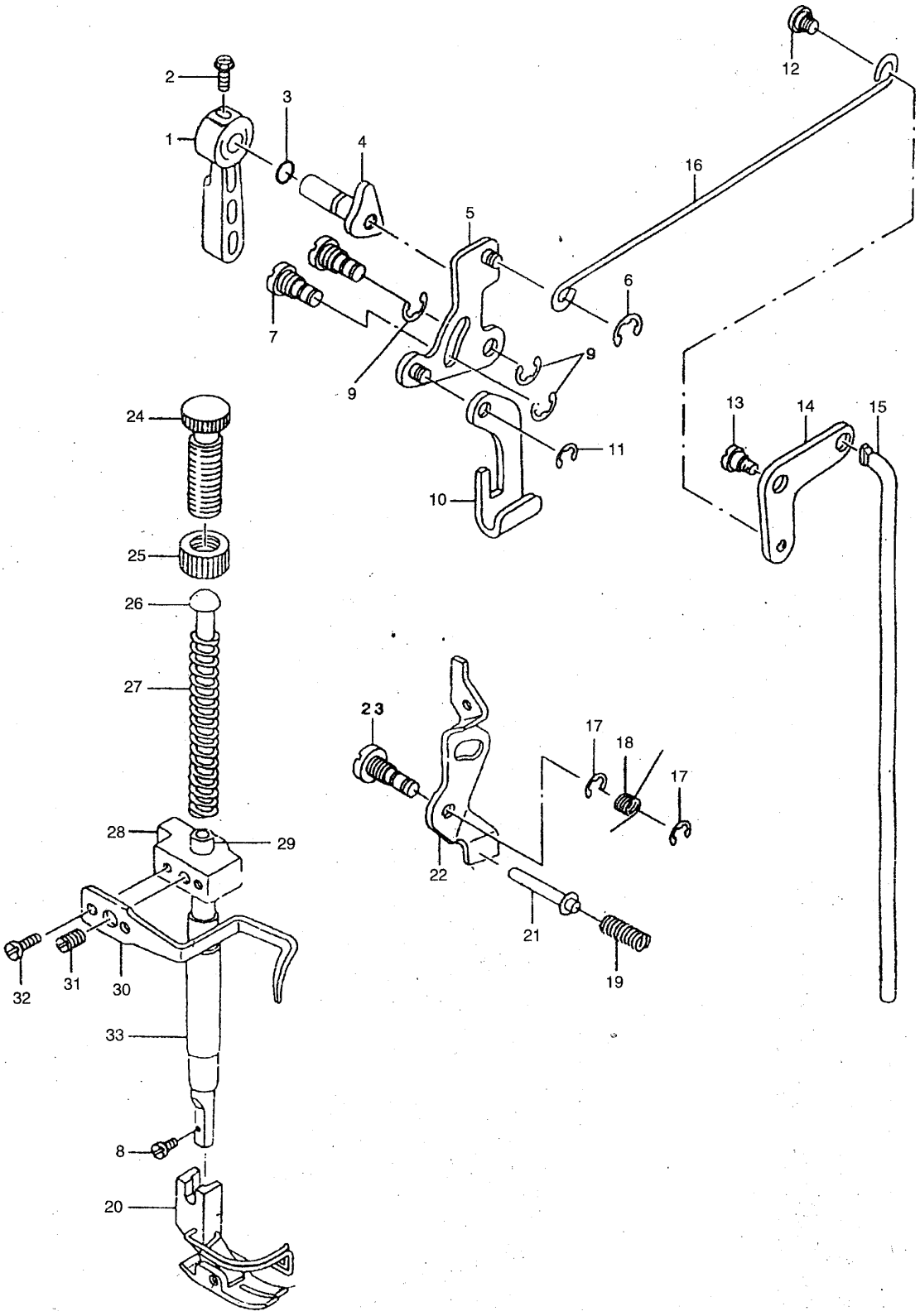
3. NEEDLE BAR, UPRIGHT SHAFT & HOOK DRIVING SHAFT COMPONENTS



4. HAND LIFTER COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 0401	HAND LIFTER	1
2	20 – 0402	SCREW	1
3	20 – 0403	RUBBER RING	1
4	20 – 0404	HAND LIFTER CAM ASM.	1
5	20 – 0405	HAND LIFTER LINK	1
6	20 – 0406	E – RING	1
7	20 – 0407	LINK SHAFT	1
8	20 – 0408	SCREW 9/64 – 40 L = 10. 5	1
9	20 – 0409	E – RING	3
10	20 – 0410	LIFTING LEVER	1
11	20 – 0411	E – RING	1
12	20 – 0412	HINGE SCREW	1
13	20 – 0413	HINGE SCREW D = 7. 24 H = 3. 3	1
14	20 – 0414	LIFTING LEVER LINK	1
15	20 – 0415	CONNECTING ROD VERICAL	1
16	20 – 0416	LIFTING LEVER CONNECTING ROD	1
17	20 – 0417	E – RING	2
18	20 – 0418	TENSION RELEASE RETURN SPRING	1
19	20 – 0419	TENSION RELEASE PIN SPRING	1
20	20 – 0420	PRESSER FOOT ASM.	1
21	20 – 0421	TENSION RELEASE SUPPORTING PIN	1
22	20 – 0422	TENSION RELEASE PLATE	1
23	20 – 0423	TENSION RELEASE SHAFT	1
24	20 – 0424	PRESSER BAR	1
25	20 – 0425	PRESSER BAR THREAD GUIDE	1
26	20 – 0426	PRESSER GUIDE BAR	1
27	20 – 0427	PRESSER ADJUSTING SPRING	1
28	20 – 0428	PRESS BAR GUIDE BRACKET	1
29	20 – 0429	PRESSER BAR	1
30	20 – 0430	PRESSER BAR THREAD GUIDE	1
31	20 – 0431	SCREW 1/4 – 40 L = 8	1
32	20 – 0432	SCREW 9/64 – 40 L = 9	2
33	20 – 0433	PRESSER BAR BUSHING, LOWER	1

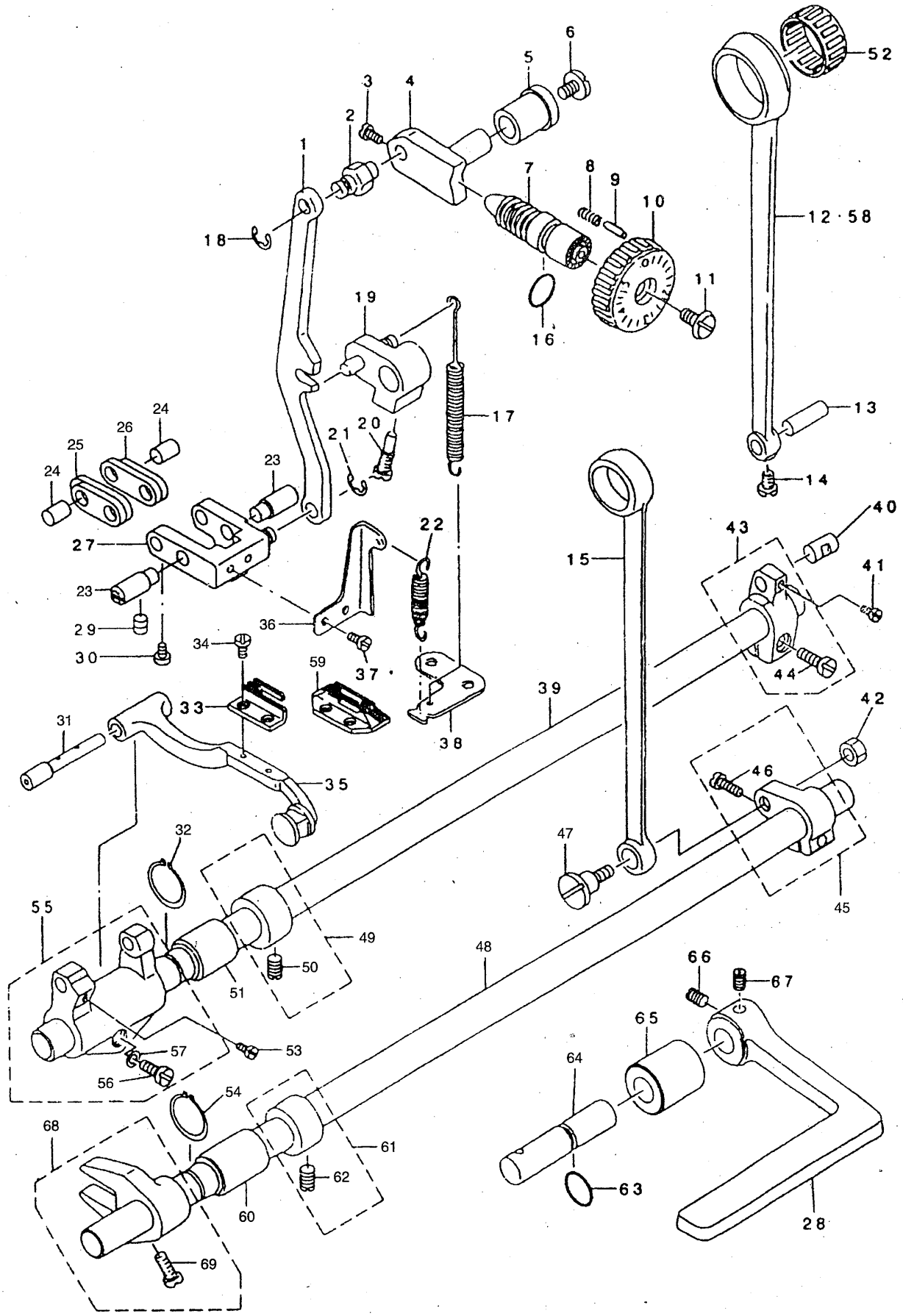
4. HAND LIFTER COMPONENTS



5. FEED MECHANISM COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 0501	FEED ADJUST ROD	1
2	20 – 0502	FEED REGULATOR PIN	1
3	20 – 0503	SCREW 9/64 – 40 L = 6	2
4	20 – 0504	FEED REGULATOR	1
5	20 – 0505	FEED REGULATOR BUSHING	1
6	20 – 0506	SCREW 3/16 – 28 L = 18	1
7	20 – 0507	FEED REGULATOR SCREW	1
8	20 – 0508	SPRING	1
9	20 – 0509	PIN	1
10	20 – 0510	FEED DIAL	1
11	20 – 0511	SCREW 3/16 – 28 L = 18	1
12	20 – 0512	ROCKER SHAFT CONNECTING ROD	1
13	20 – 0513	WALKING FOOT PIN C	1
14	20 – 0514	SCREW 9/64 – 40 L = 6	1
15	20 – 0515	CONNECTING ROD	1
16	20 – 0516	RUBBER RING	1
17	20 – 0517	FEED REVERSE SPRING	1
18	20 – 0518	E – RING	1
19	20 – 0519	FEED REVERSE ARM ASM.	1
20	20 – 0520	FEED REVERSE ARM SCREW	1
21	20 – 0521	E – RING	1
22	20 – 0522	ADJUSTING LINK SPRING	1
23	20 – 0523	ADJUSTING LINK FULCRUM SHAFT A	2
24	20 – 0524	WALKING FOOT PIN A	2
25	20 – 0525	WALKING FOOT LINK	2
26	20 – 0526	CONNECTING LINK A	2
27	20 – 0527	FEED ADJUST LINK ASM.	1
28	20 – 0528	REVERSE FEED CONTROL LEVER	1
29	20 – 0529	SCREW 15/64 – 28 L = 7	2
30	20 – 0530	SCREW 9/64 – 40 L = 6	2
31	20 – 0531	FEED BAR SHAFT	1
32	20 – 0532	RETAINING RING 13. 8	1
33	20 – 0533	FEED DOG A	1
34	20 – 0534	SCREW 1/8 – 44 L = 6	2
35	20 – 0535	FEED BAR ASM.	1
36	20 – 0536	ADJUSTING LINK SPRING GUIDE	1
37	20 – 0537	SCREW 11/64 – 40 L = 5	2
38	20 – 0538	FEED SPRING HOOK	1
39	20 – 0539	FEED ROCKER SHAFT	1
40	20 – 0540	WALKING FOOT PIN B	1
41	20 – 0541	SCREW 9/64 – 40 L = 6	1
42	20 – 0542	NUT 9/32 – 28	1
43	20 – 0543	FEED ROCKER SHAFT CRANK ASM.	1
44	20 – 0544	SCREW 3/16 – 28 L = 14	1
45	20 – 0545	FEED ARM COMPL.	1
46	20 – 0546	SCREW 3/16 – 28 L = 15. 5	1
47	20 – 0547	HINGE SCREW D = 10 H = 8	1
48	20 – 0548	FEED DRIVING SHAFT	1
49	20 – 0549	THRUST COLLAR ASM. D = 14. 72 W = 12	1
50	20 – 0550	SCREW 1/4 – 40 L = 6	2
51	20 – 0551	FEED ROCKER SHAFT BUSHING	1
52	20 – 0552	NEEDLE BEARING	1
53	20 – 0553	SCREW 11/64 – 40 L = 7	1
54	20 – 0554	RETAINING RING 13. 8	1
55	20 – 0555	FEED BAR CRANK ASM.	1
56	20 – 0556	SCREW 3/16 – 28 L = 14	1
57	20 – 0557	WASHER 4. 8 × 8. 4 × 0. 8	1
58	20 – 0558	HORIZONTAL FEED ROD B	1
59	20 – 0559	FEED DOG 1	1
60	20 – 0560	FEED ROCKER SHAFT BUSHING	1
61	20 – 0561	THRUST COLLAR ASM.	1
62	20 – 0562	SCREW 1/4 – 40 L = 6	1
63	20 – 0563	RUBBER RING	1
64	20 – 0564	FEED REVERSE SHAFT	1
65	20 – 0565	FEED LEVER METAL	1
66	20 – 0566	SCREW	1
67	20 – 0567	SCREW	1
68	20 – 0568	RIVING SHAFT CRANK	1
69	20 – 0569	SCREW 11/64 – 40 L = 10. 5	1

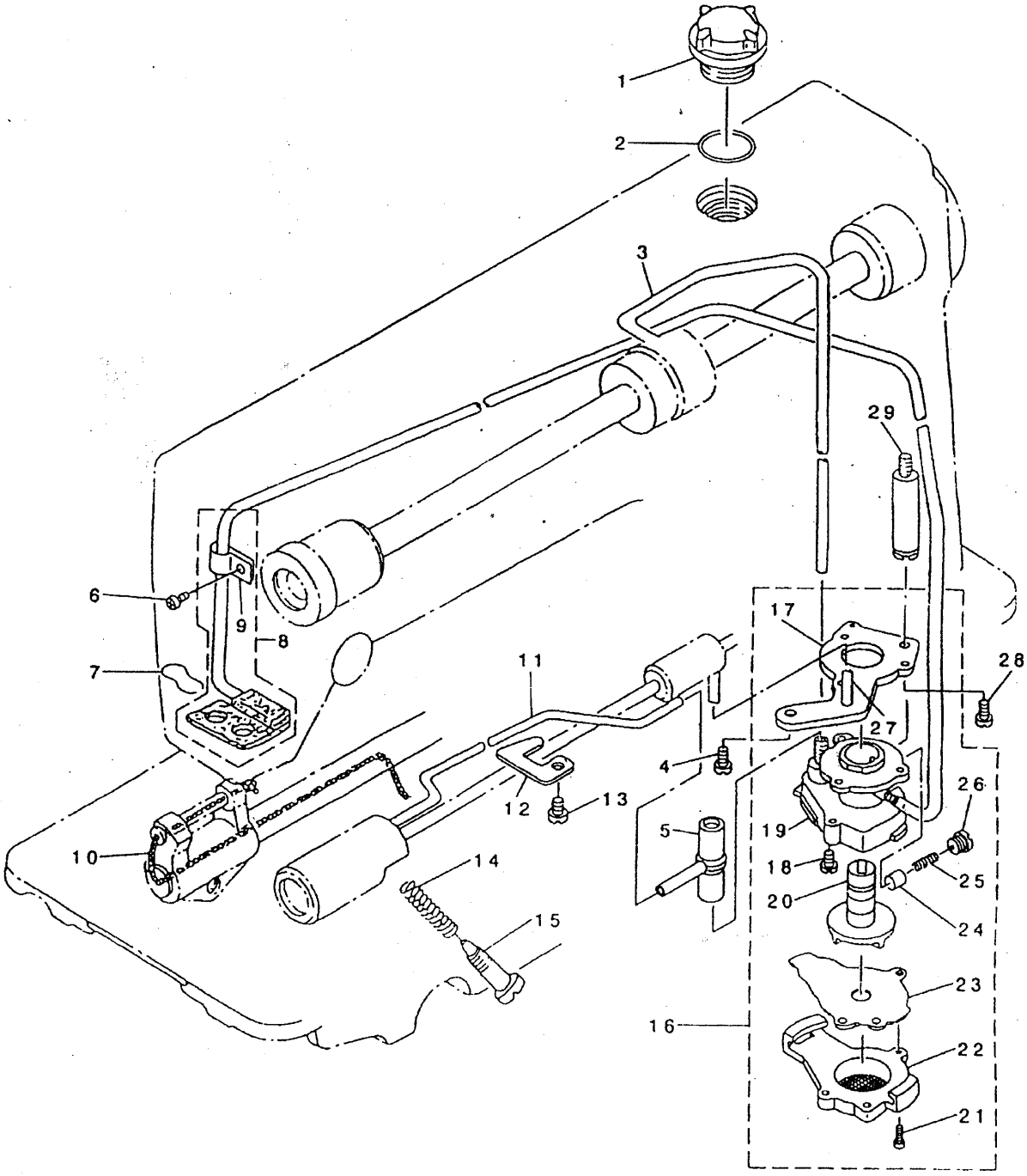
5. FEED MECHANISM COMPONENTS



6. OIL LUBRICATION COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 0601	OIL SIGHT WINDOW	1
2	20 – 0602	RUBBER RING	1
3	20 – 0603	MAIN SHAFT OIL TUBE	1
4	20 – 0604	SCREW 15/64 – 28 L = 9	1
5	20 – 0605	MAIN SHAFT OIL TUBE	1
6	20 – 0606	SCREW 3/1628 L = 6	1
7	20 – 0607	OIL FELT PRESSER	1
8	20 – 0608	OIL RETURN TUBE ASM.	1
9	20 – 0609	HOLDER	1
10	20 – 0610	OIL WICK	1
11	20 – 0611	OIL TUBE	1
12	20 – 0612	TUBE HOLDER(LOWER)	1
13	20 – 0613	SCREW 15/64 – 28 L = 9	1
14	20 – 0614	SPRING	1
15	20 – 0615	OIL ADJUSTING SCREW	1
16	20 – 0616	LUBRICATING OIL PUMP ASM.	1
17	20 – 0617	OIL PUMP INSTALLING BASE	1
18	20 – 0618	SCREW M3 L = 8	3
19	20 – 0619	OIL PUMP	1
20	20 – 0620	OIL PUMP IMPELLER	1
21	20 – 0621	SCREW D = 3 L = 10	3
22	20 – 0622	LUBRICATING OIL PUMP COVER	1
23	20 – 0623	OIL PUMP IMPELLER COVER	1
24	20 – 0624	PLUNGER	1
25	20 – 0625	PLUNGER SCREW	1
26	20 – 0626	PLUMGER SCREW	1
27	20 – 0627	HOOK DRIVING SHAFT OIL TUBE	1
28	20 – 0628	SCREW 11/64 – 40 L = 9. 5	1
29	20 – 0629	OIL PUMP SPPORT	1

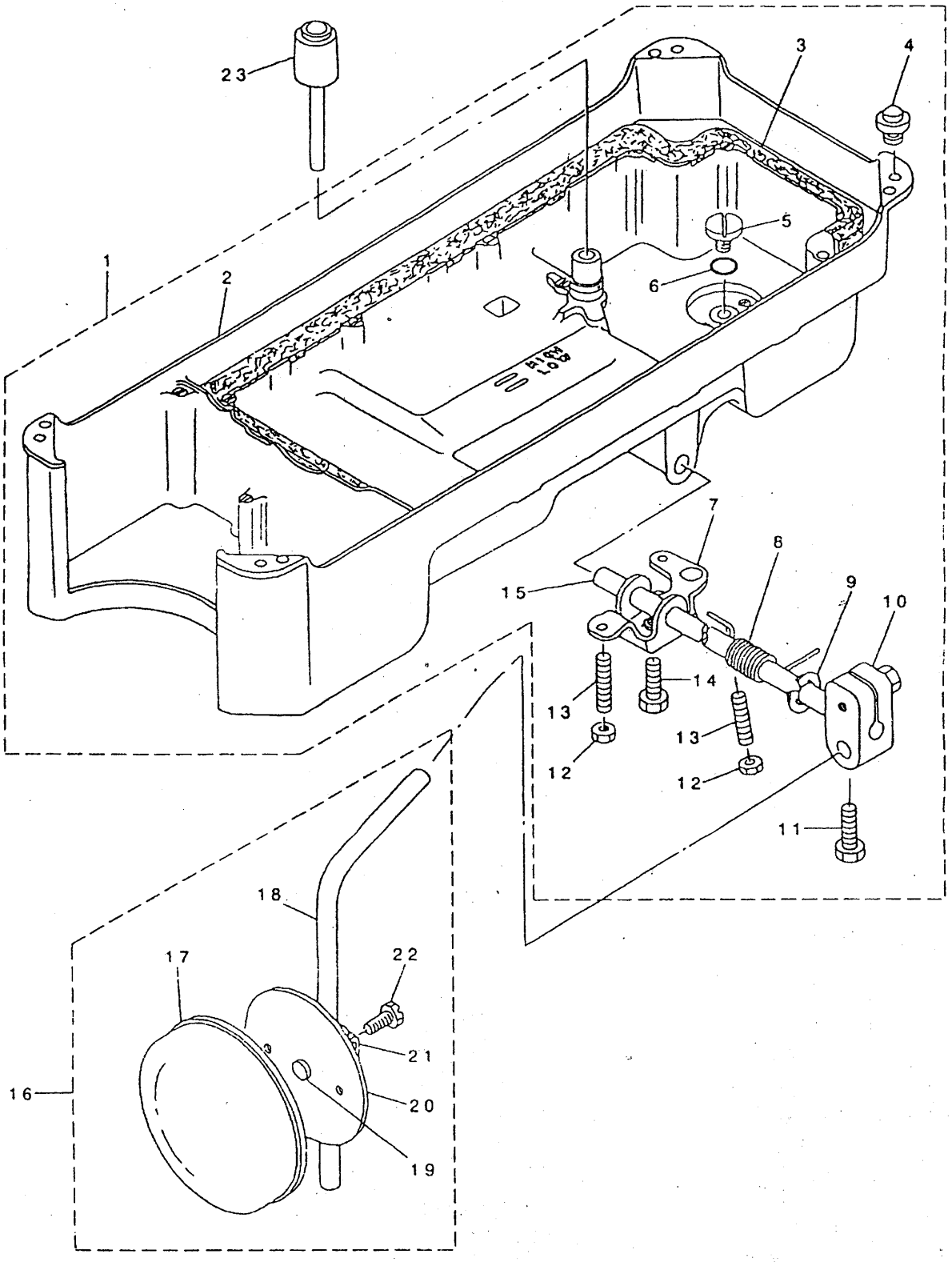
6. OIL LUBRICATION COMPONENTS



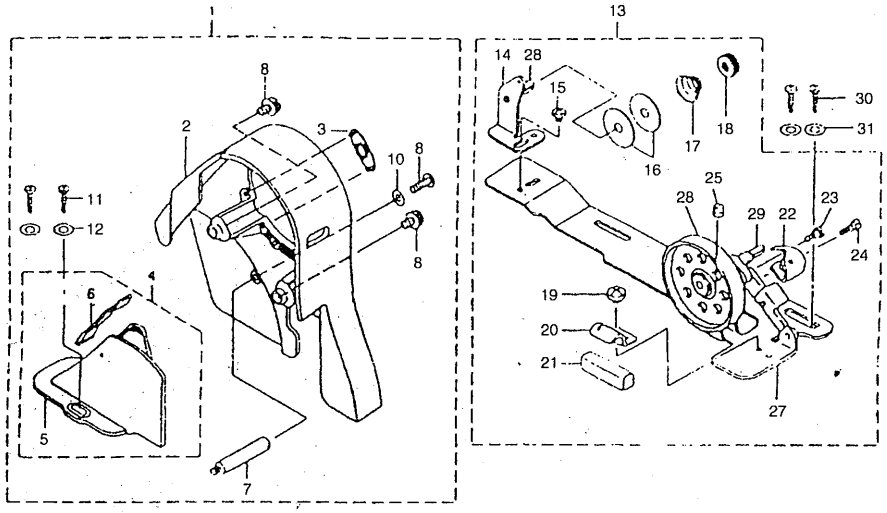
7. OIL RESERVOIR COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 0701	OIL RESERVOIR ASM.	1
2	20 – 0702	OIL RESERVOIR	1
3	20 – 0703	GASKET	1
4	20 – 0704	RUBBER CUSHION	4
5	20 – 0705	SCREW 5/16 – 24 L = 7	1
6	20 – 0706	RUBBER RING	1
7	20 – 0707	CONNECTING ROT, VERTICAL	1
8	20 – 0708	SPRING	1
9	20 – 0709	E – RING 10	1
10	20 – 0710	BRACKET	1
11	20 – 0711	SCREW M6 L = 20	2
12	20 – 0712	NUT M6	2
13	20 – 0713	SCREW M6 L = 30	2
14	20 – 0714	SCREW M6 L = 17. 5	1
15	20 – 0715	KNEE PRESS ROD	1
16	20 – 0716	KNEE PRESS PLATE ASM.	1
17	20 – 0717	KNEE PRESS PLATE COVER	1
18	20 – 0718	KNEE LIFTER PLATE ROD	1
19	20 – 0719	KNEE PRESS PLATE RUBBER	1
20	20 – 0720	KNEE PRESS PLATE	1
21	20 – 0721	KNEE PRESS PLATE HOLDER	1
22	20 – 0722	SCREW M6 L = 12	1
23	20 – 0723	KNEE PRESS LIFTER ROD	1

7. OIL RESERVOIR COMPONENTS



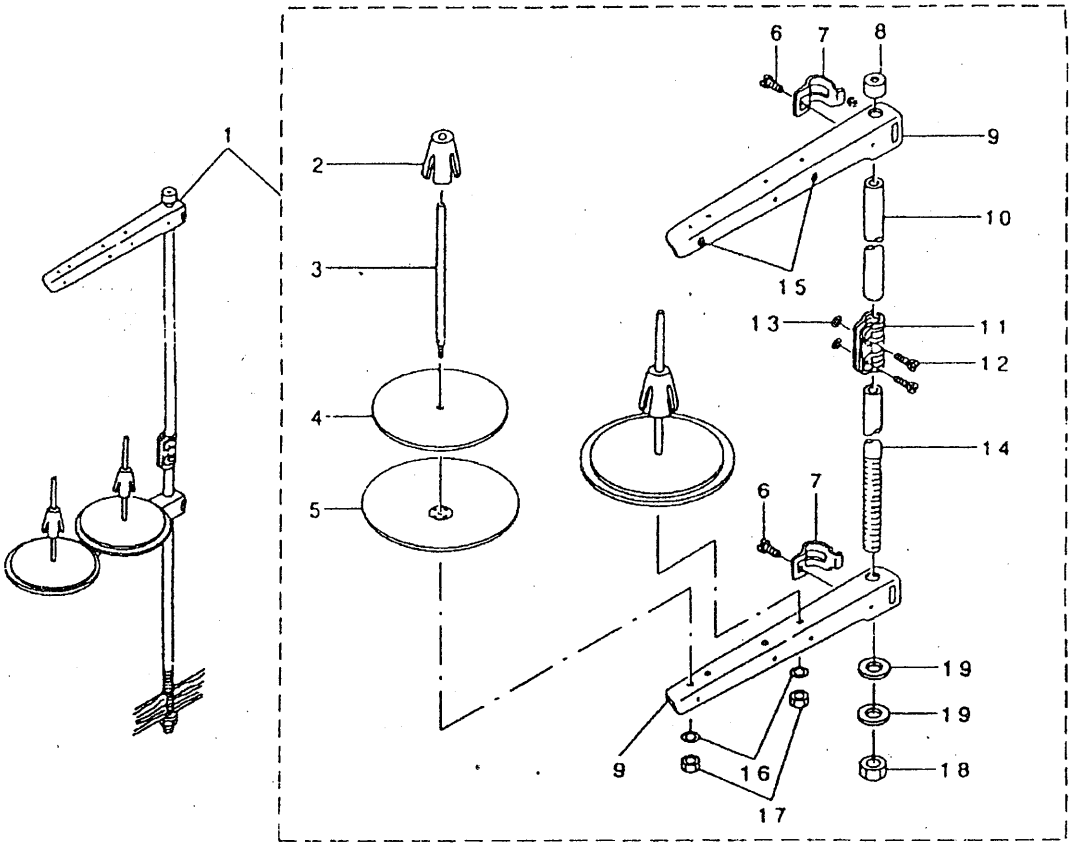
8. BELT COVER & BOBBIN WINDER COMPONENTS



8. BELT COVER & BOBBIN WINDER COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 0801	BELT COVER ASM.	1
2	20 – 0802	BELT COVER A	1
3	20 – 0803	BELT COVER A CAP	1
4	20 – 0804	BELT COVER B ASM.	1
5	20 – 0805	BELT COVER B	1
6	20 – 0806	BELT COVER B CAP ASM.	1
7	20 – 0807	BELT COVER SUPPORT, A	1
8	20 – 0808	BELT COVER A SCREW	2
9	20 – 0809	SCREW 3/16 – 28 L = 14	1
10	20 – 0810	WASHER 5 × 10, 5 × 1	1
11	20 – 0811	WOOD SCREW D = 4. 1 L = 20	2
12	20 – 0812	WASHER 4. 5 × 10 × 0. 8	2
13	20 – 0813	BOBBIN WINDER COMPL	1
14	20 – 0814	THREAD TENSION BRACKET ASM.	1
15	20 – 0815	SCREW 11/64 – 40 L = 5	1
16	20 – 0816	THREAD TENSION DISK	2
17	20 – 0817	THREAD TENSION SPRING	1
18	20 – 0818	THREAD TENSION NUT	1
19	20 – 0819	SCREW 11/64 – 40 L = 3. 5	1
20	20 – 0820	RUBBER BRAKE PRESSER PLATE	1
21	20 – 0821	RUBBER BRAKE	1
22	20 – 0822	POSITIONING FINGER	1
23	20 – 0823	HINGE SCREW D = 4. 9 H = 2. 6	1
24	20 – 0824	SCREW 1/8 – 44 L = 12. 5	1
25	20 – 0825	SCREW 11/64 – 40 L = 5	1
26	20 – 0826	THREAD TENSION BRACKET	1
27	20 – 0827	BOBBIN BASE	1
28	20 – 0828	BOBBIN PULLEY	1
29	20 – 0829	BOBBIN WINDER POST	1
30	20 – 0830	WOOD SCREW D = 4. 1 L = 20	2
31	20 – 0831	WASHER 4. 5 × 10 × 0. 8	2

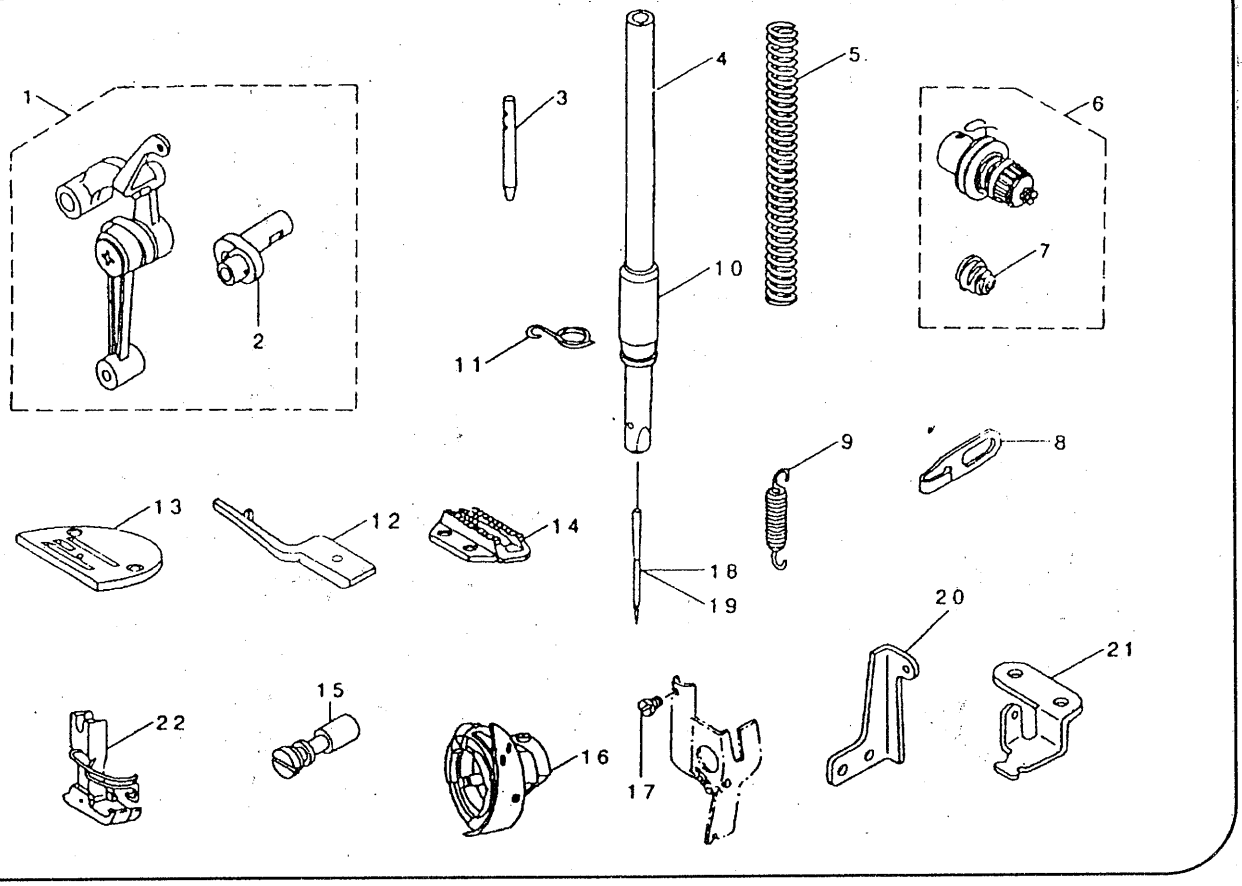
9. THREAD STAND COMPONENTS



9. THREAD STAND COMPONENTS

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 0901	THREAD STAND ASM.	1
2	20 – 0902	SPOOL RETAINER	2
3	20 – 0903	SPOOL PIN	2
4	20 – 0904	SPOOL REST CUSHION	2
5	20 – 0905	SPOOL REST	2
6	20 – 0906	SCREW M6 L = 16	2
7	20 – 0907	THREAD GUIDE ARM JOINT	2
8	20 – 0908	SPOOL REST ROD RUBBER CAP	1
9	20 – 0909	SPOOL REST ARM	2
10	20 – 0910	SPOOL REST ROD, UPPER	1
11	20 – 0911	SPOOL REST ROD JOINT	1
12	20 – 0912	SCREW M5 L = 14	2
13	20 – 0913	SCREW M5	2
14	20 – 0914	SPOOL REST ROD, LOWER	1
15	20 – 0915	THREAD GUIDE	2
16	20 – 0916	SPRING WASHER	2
17	20 – 0917	NUT M5	2
18	20 – 0918	NUT M16 x 1. 5	1
19	20 – 0919	WASHER 17 x 30 x 2. 6	2

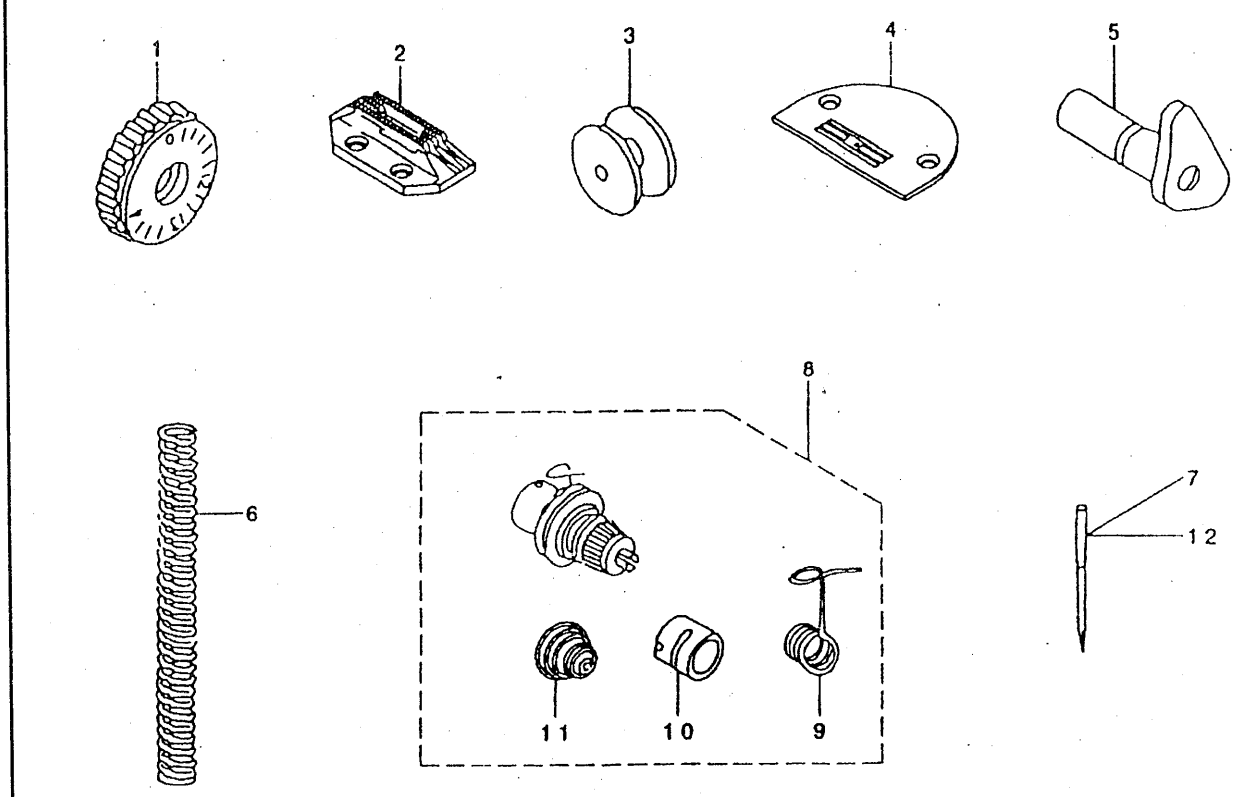
10. EXCLUSIVE PARTS FOR BJ8700H



10. EXCLUSIVE PARTS FOR BJ8700H

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 1001	LINK THREAD TAKE – UP LEVER ASM.	1
2	20 – 1002	NEEDLE BAR CRANK H	1
3	20 – 1003	THREAD GUIDE PIN	1
4	20 – 1004	NEEDLE BAR	1
5	20 – 1005	PRESSER SPRING	1
6	20 – 1006	THREAD TENSION ASM.	1
7	20 – 1007	THREAD TENSION SPRING	1
8	20 – 1008	ARM THREAD GUIDE(HA)	1
9	20 – 1009	ADJUST LINK SPRING	1
10	20 – 1010	NEEDLE BAR BUSHING LOWER	1
11	20 – 1011	NEEDLE BAR THREAD GUIDE	1
12	20 – 1012	POSITIONING FINGER	1
13	20 – 1013	THROAT PLATE(H)	1
14	20 – 1014	FEED DOG(H)	1
15	20 – 1015	OIL ADJUSTING PIN	1
16	20 – 1016	LUBRICATING BOBBIN ASM.	1
17	20 – 1017	SCREW 1/8 – 44 L = 2.5	1
18	20 – 1018	NEEDLE 134 NM130	1
19	20 – 1019	NEEDLE DB x 1 #21	1
20	20 – 1020	ADJUSTING LINK SPRING GUIDE	1
21	20 – 1021	FEED SPRING HOOK	1
22	20 – 1022	HINGED PRESSER FOOT ASM.	1

11. EXCLUSIVE PARTS FOR BJ8700A



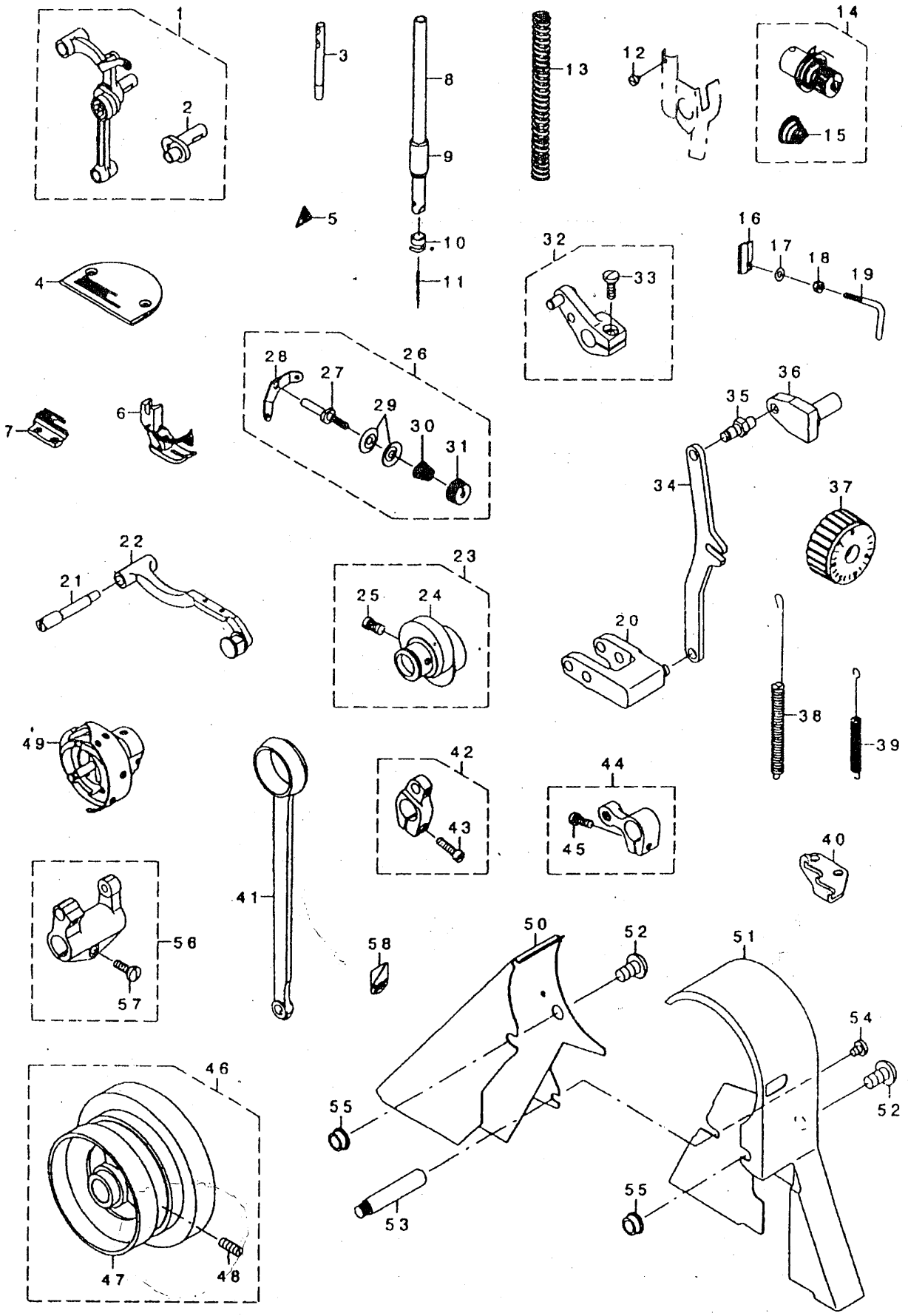
11. EXCLUSIVE PARTS FOR BJ8700A

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 1101	FEED DIAL	1
2	20 – 1102	FEED DOG I	1
3	20 – 1103	BOBBIN	1
4	20 – 1104	THROAT PLATE(I)	1
5	20 – 1105	HAND LIFTER CAM ASM.	1
6	20 – 1106	PRESSER SPRING T	1
7	20 – 1107	NEEDLE DA × 1 #9	1
8	20 – 1108	THREAD TENSION ASM.	1
9	20 – 1109	TAKE – UP SPRING	1
10	20 – 1110	TENSION POST SOCKET	1
11	20 – 1111	THREAD TENSION SPRING	1
12	20 – 1112	NEEDLE 134 NM65	1

12. EXCLUSIVE PARTS FOR BJ8700

REF. NO	PART NO.	DESCRIPTION	Qty
1	20 – 1201	LINK THREAD TAKE – UP LEVER ASM	1
2	20 – 1202	NEEDLE BAR CRANK	1
3	20 – 1203	NEEDLE THREAD GUIDE PIN	1
4	20 – 1204	THROAT PLATE	1
5	20 – 1205	ATTENTION SEAL	1
6	20 – 1206	PRESSER FOOT ASM.	1
7	20 – 1207	FEED DOG	1
8	20 – 1208	NEEDLE BAR	1
9	20 – 1209	NEEDLE BAR BUSHING, LOWER	1
10	20 – 1210	NEEDLE BAR THREAD HOOK	1
11	20 – 1211	NEEDLE DB × 1 #21	1
12	20 – 1212	SCREW 1/8 – 44 L = 2. 5	1
13	20 – 1213	PRESSER SPRING	1
14	20 – 1214	THREAD TENSION ASM.	1
15	20 – 1215	THREAD TENSION SPRING	1
16	20 – 1216	THREAD GUIDE C FITTING PLATE	1
17	20 – 1217	WASHER 3. 7 × 8 × 1	1
18	20 – 1218	NUT 9/64 – 40	1
19	20 – 1219	ARM THREAD GUIDE C	1
20	20 – 1220	FEED ADJUST LINK ASM.	1
21	20 – 1221	FEED BASE SHAFT	1
22	20 – 1222	FEED BASE ASM.	1
23	20 – 1223	FEED ECCENTRIC CAM ASM.	1
24	20 – 1224	FEED ECCENTRIC CAM L	1
25	20 – 1225	FEED ECCENTRIC CAM SETSCREW	1
26	20 – 1226	THREAD TENSION ASM., NO. 1	1
27	20 – 1227	THREAD TENSION POST	1
28	20 – 1228	THREAD TENSION GUIDE	1
29	20 – 1229	THREAD TENSION DISK	1
30	20 – 1230	THREAD TENSION SPRING	1
31	20 – 1231	THREAD TENSION NUT	1
32	20 – 1232	FEED LEVER ARM ASM.	1
33	20 – 1233	SCREW 3/16 – 28 L = 14	1
34	20 – 1234	FEED REGULATOR ROD	1
35	20 – 1235	FEED REGULATOR BASE PIN	1
36	20 – 1236	FEED REGULATOR BASE	1
37	20 – 1237	FEED DIAL	1
38	20 – 1238	FEED REGULATOR BASE SPRING	1
39	20 – 1239	FEED REVERSE SPRING	1
40	20 – 1240	FEED SPRING HOOK	1
41	20 – 1241	HORIZONTAL FEED ROD	1
42	20 – 1242	HORIZONTAL FEED ARM ASM.	1
43	20 – 1243	SCREW 3/6 – 28 L = 15. 5	1
44	20 – 1244	VERTICAL FEED ARM ASM.	1
45	20 – 1245	SCREW 3/6 – 28 L = 15. 5	1
46	20 – 1246	HAND WHEEL ASM.	1
47	20 – 1247	HAND WHEEL	1
48	20 – 1248	SCREW 15/64 – 28 L = 15	1
49	20 – 1249	OIL HOOK ASM.	1
50	20 – 1250	BELT COVER, A	1
51	20 – 1251	BELT COVER, B	1
52	20 – 1252	SCREW	1
53	20 – 1253	BELT COVER SUPPORT, A	1
54	20 – 1254	SCREW 3/16 – 28 L = 6	1
55	20 – 1255	BELT COVER COLLAR	1
56	20 – 1256	FEED RECKER ASM.	1
57	20 – 1257	SCREW 3/16 – 28 L = 14	1
58	20 – 1258	NEEDLE SEAL	1

12. EXCLUSIVE PARTS FOR BJ8700



BACK COVER

CM-8700

Chandler Machine USA, LLC

400 VETERANS BLVD, CARLSTADT NJ 07072

212-741-2474