

**The**

**GLOBAL**

**Selection**

---

**WF-925 / WF-926**

**Single-Needle.Double-Needle  
Lockstitch  
Compound-Feed  
Variable Speed Control  
Sewing Machine**

**CATALOG  
INSTRUCTION MANUAL**

---

# ----- CONTENTS -----

## **PREPARATION FOR OPERATION**

- |                              |   |
|------------------------------|---|
| 1. Power cable connection    | 1 |
| 2. Connection of control box | 2 |

## **CAUTIONS ON USE**

- |  |   |
|--|---|
| 1. Oiling (1)                            | 3 |
| 2. Oiling (2)                            | 3 |
| 3. Oiling condition                      | 4 |
| 4. Adjustment of oiling to rotating hook | 4 |
| 5. Cautions on operation                 | 4 |

## **OPERATION**

- |   |    |
|---|----|
| 1. Installation of needles  | 5  |
| 2. Winding of bobbin thread   | 5  |
| 3. Selection of threads   | 6  |
| 4. Threading of needle threads  | 6  |
| 5. Adjustment of feed (stitch) length and stitch reversing (touch-back) | 7  |
| 6. Setting of bobbin  | 7  |
| 7. Threading of bobbin threads  | 8  |
| 8. Tension adjustment of bobbin threads                                 | 8  |
| 9. Balance of thread tension  | 9  |
| 10. Needle thread tension   | 9  |
| 11. Adjustment of presser foot pressure                                 | 9  |
| 12. Timing between rotating hook motion and needle motion               | 10 |
| 13. Adjustment of feed dog height                                       | 11 |
| 14. Relationship between rotating hook motion and take-up lever motion  | 12 |
| 15. Relationship between hook motion and opener motion                  | 12 |
| 16. Relationship between needle motion and feed dog motion              | 13 |
| 17. Safety clutch device  | 14 |
| 18. Upper feed adjustment (needle side)                                 | 15 |
| 19. Outside presser foot and inside presser vertical stroke adjustment  | 16 |
| 20. Adjustment of forward/backward stitch length                        | 16 |

- |                       |           |
|-----------------------|-----------|
| <b>Specifications</b> | <b>17</b> |
|-----------------------|-----------|

# **PRECURTIONS BEFORE STARTING OPERATION**

## **1. Safety precautions**

- 1) When turning the power on, keep your hands and fingers away from the area around/under the needle and the area around the pulley
- 2) Power must be turned off when the machine is not used, or when the operator leaves his/his seat.
- 3) The power must be turned off before tilting the machine head, installing or removing the "V" belt, adjusting the machine, or when replacing.
- 4) Avoid placing fingers, hairs bars etc. nears the pulley, "V" belt, bobbin winder pulley, or motor when the machine is operation. Injury could result.
- 5) Do not insert fingers into the thread take-up cover, under/round the needle, or pulley when the machine is in operation.
- 6) If a belt cover, finger guard, and/or eye guard are installed, do not operate the machine without these safety devices.

## **2. Precaution before Starting Operation**

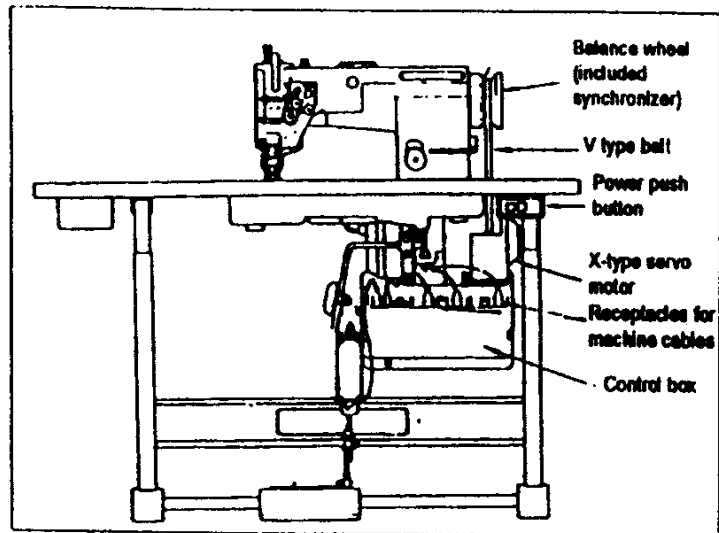
- 1) If the machine's oil pan has an oil sump, never operate the machine before filling it.
- 2) If a drop oiler lubricates the machine, never operate the machine before lubricating.
- 3) When a new sewing machine is first turned on, verify the rotational direction of the pulley with the power on.  
(the pulley should rotate counterclockwise when viewed from the pulley.)
- 4) Verify the voltage and (single or three) phase with those given on the motor nameplate.

## **3. Precaution for Operating Conditions**

- 1) Avoid using the machine at abnormally high temperature (35°C or higher) or low temperature (5°C or lower). Otherwise, machine failure may result.
- 2) Avoid using the machine in dusty conditions.
- 3) Avoid using the machine in areas where too much electrical noise, resulted from the high-frequency welder and others, is generated.

## PREPARATION FOR OPERATION

Overall view of assembled sewing machine



### 1. Power cable connection

#### (1) Connection to Power Supply

When connecting the power supply connector to the control box, the connector should be completely plugged in the proper receptacle after confirming the connector type and matching direction.

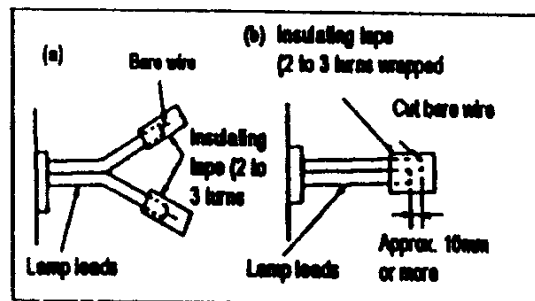
- A. In case of three-phase electrical power system, the "U" phase should be connected to the red lead, the "V" phase to the white lead, and the "W" phase to the black lead. The motor rotary direction depends, however, upon the setting of the internal switch in the control box as described in Paragraph 1-(3)

**CAUTION:** The green wire must be connected to the ground terminal in order to ground the motor properly.

- B. The appropriate power fuse capacity is as follows.
- |              |            |     |
|--------------|------------|-----|
| Power supply | 200V-240V: | 10A |
|              | 100V-120V: | 15A |

#### (2) Lamp Leads

- A. When installing the illuminating lamp (6V, 10-15W), the connecting wire is attached on the back of the Control box. It should be removed and connected by removing the insulating tube from the wire and stripping properly. The wire connections should be, then, insulated by wrapping insulating tape on the wires.



**CAUTION:** The power switch must be turned off before connecting the lamp.

- B. When the illuminating lamp is not used, the end of the lamp leads must be insulated as (a) or (b) as in the figure on right side. If a short circuit occurs failing to insulate, the transformer in the control box will be possibly burned out.

### (3) Rotary direction

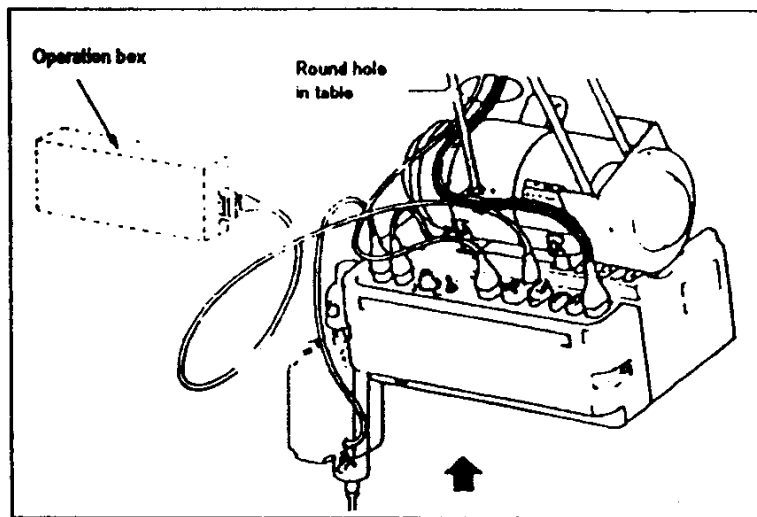
It is possible to change the rotary direction of the motor by removing the rubber cap from the bottom left side of the front corner on the control box and push the internal direction selector switch. The built-in lamp in the internal switch is off when the motor is rotating counterclockwise as facing to the motor pulley, and on when rotating clockwise. The rotary direction has been set to counterclockwise as facing to the motor pulley, matching with the machine prior to shipping.

## 2. Connection of control box

The control box should be connected as shown to the right.

### Note:

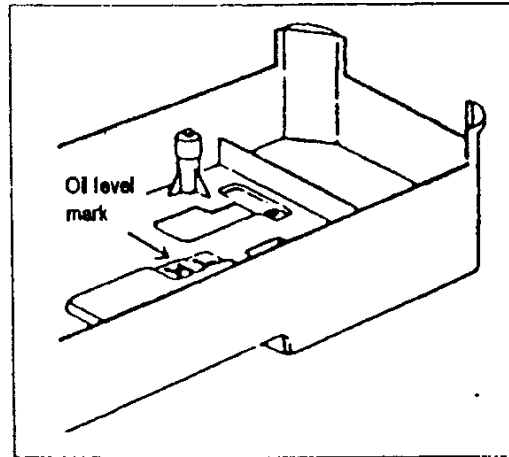
- (1) Be sure to turn the power switch off for safety before connecting or disconnecting the connectors.
- (2) The combination of the machine heads with the motor control panels is specified below. Use special care for the correct combination when replacing the machine head or motor control panel.



## CAUTIONS ON USE

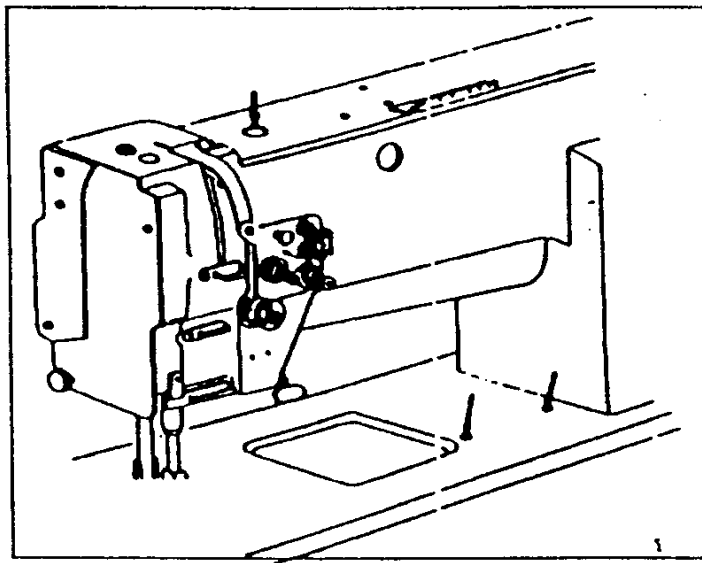
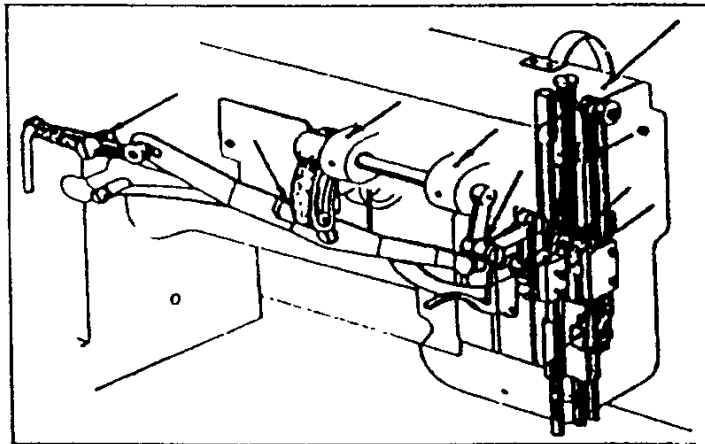
### 1. Oiling (1)

Filling the oil reservoir with oil up to "H" mark  
Oil level should be periodically checked. If oil level is found below "L" level replenish oil to "H" level  
For oil, Use white spindle oil



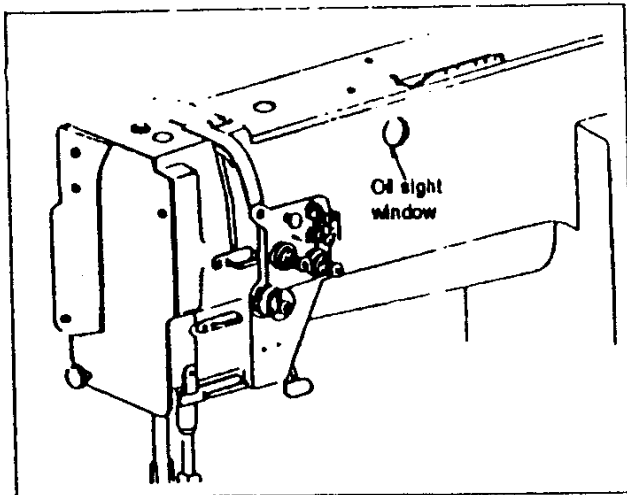
### 2. Oiling (2)

When a new sewing machine is used for the first time, or sewing machine left out of use for considerably long time is used again, replenish a suitable amount of oil to the portions indicated by arrow in the below figure

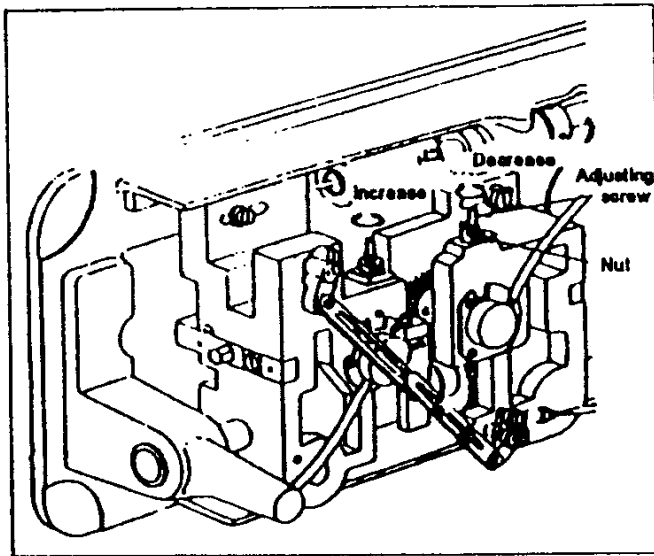


### 3. Oiling condition

See dripping of oil through the oil sight hole to check oiling condition during operation.



### 4. Adjustment of oiling to rotating hook



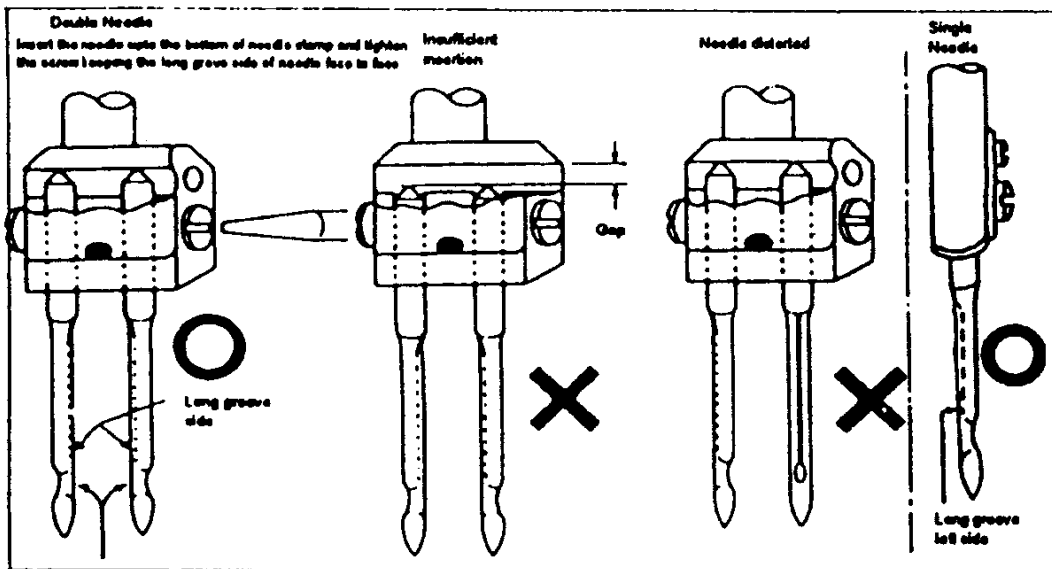
### 5. Cautions on operation

- (1) When the power is turned on or off, keep foot away from the pedal.
- (2) It should be noted that the brake might not work when the power is interrupted or power failure occurs during sewing machine operation.
- (3) Since dust in the control box might cause malfunction or control troubles, be sure to keep the control box cover close during operation.
- (4) Do not apply a multimeter to the control circuit for checking; otherwise voltage of multimeter might damage semiconductor components in the circuit.

## OPERATION

### 1. Installation of needles

Note: Before installing the needles, be sure to turn off the power.



### 2. Winding of bobbin thread

Note: When bobbin thread is wound, keep the presser foot lifted.

#### Adjustment:

Tension of wound thread

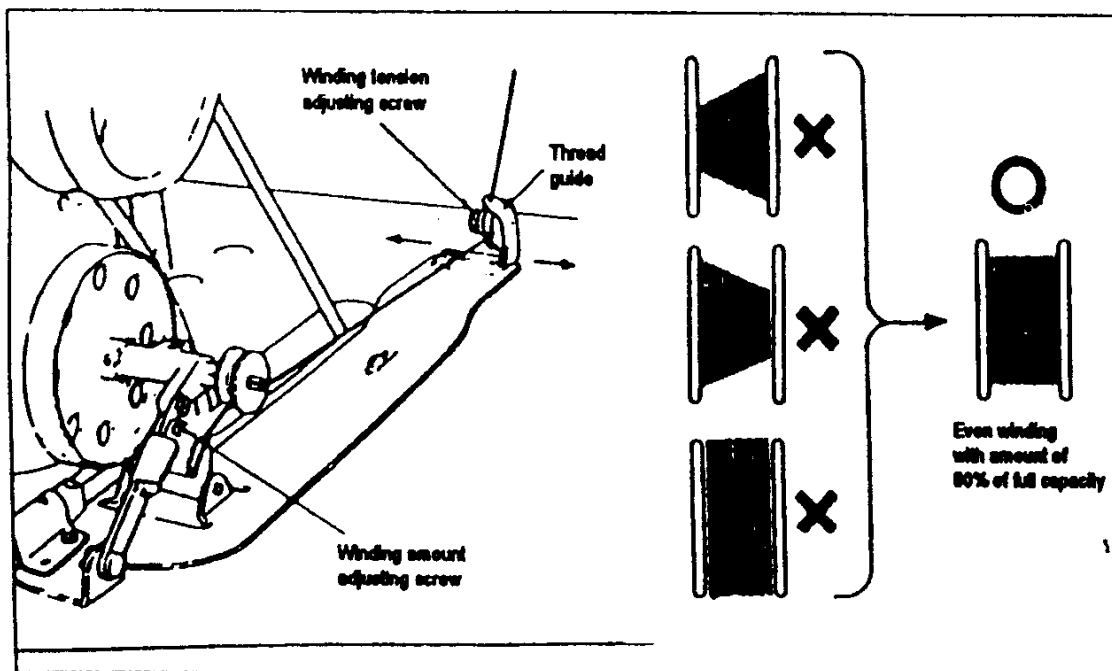
Slack winding is recommended for polyester thread and nylon thread.

Conically wound thread

Move the thread guide toward smaller diameter of wound thread layer.

Length of wound thread

Loosen the thread length adjusting screw to increase length of thread and tighten the screw to decrease length of thread.



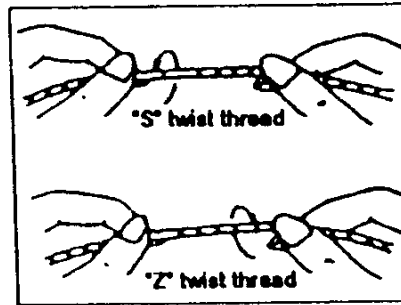


### 3. Selection of thread

It is recommended to use "S" twist thread in the Left needle (viewed from front), and "Z" twist thread in the right needle.

When discriminate use of needle threads is impossible, use "Z" twist thread in both the needles

For bobbin thread, "S" twist thread as well as "Z" twist Thread can be used.



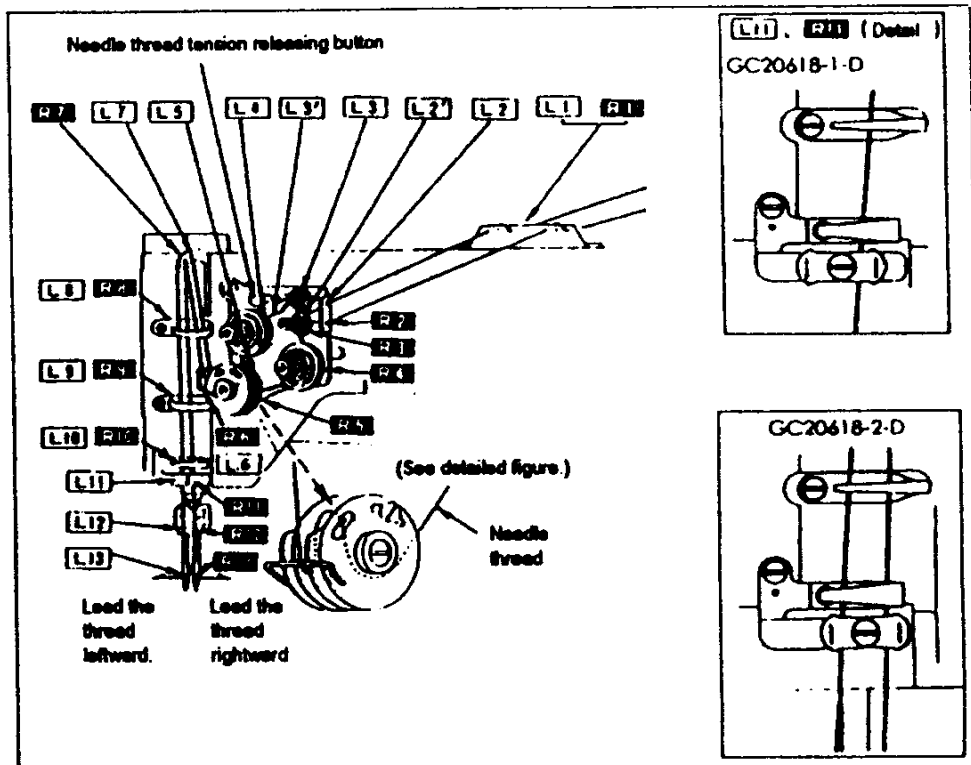
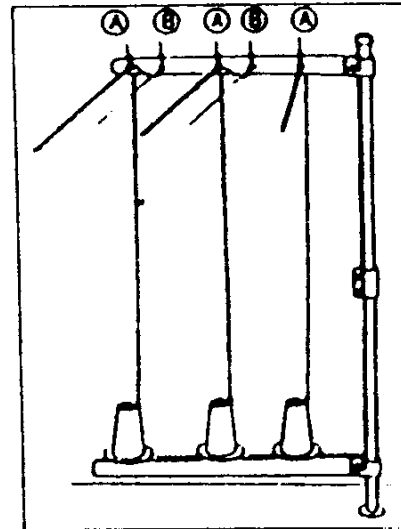
### 4. Threading of needle threads

(1) Pass each needle thread through thread guide A

**Note:** When thin slippery thread (polyester Thread or filament thread, for example) is used pass the thread through thread guide B as well.

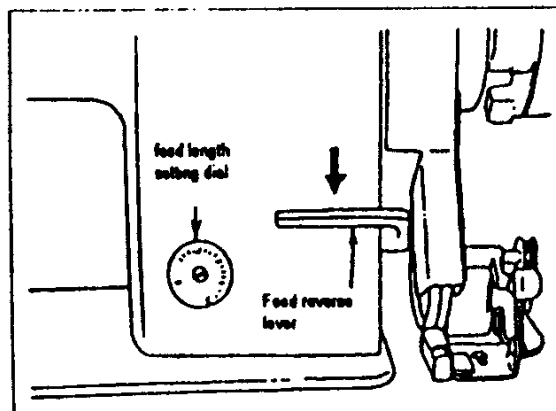
(2) With the take-up lever located at the upper most position, pass each needle thread in the order shown in the following figure

**Note:** Pressing the upper thread loosening button shown in the figure below opens the saucer of the upper thread tension adjuster, and the upper thread can easily pulled out.



## 5. Adjustment of feed (stitch) length and stitch reversing (touch back)

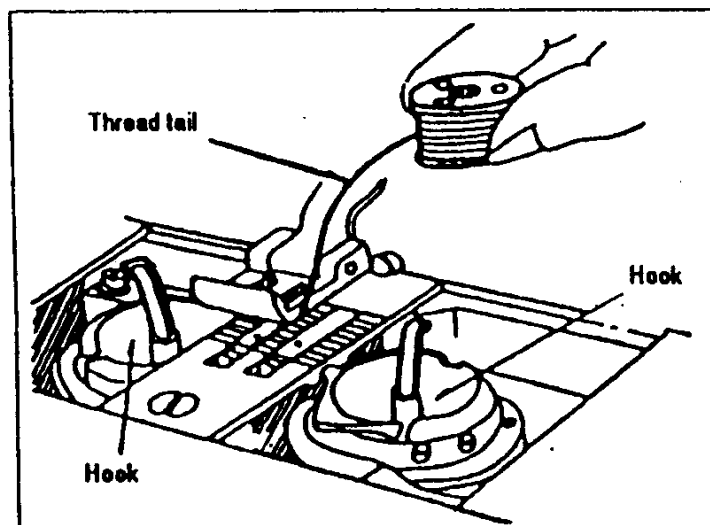
**Note:** To make feed (stitch) length smaller, depress the feed reverse lever and set the feed length setting dial to a desired position.



## 6. Setting of bobbin

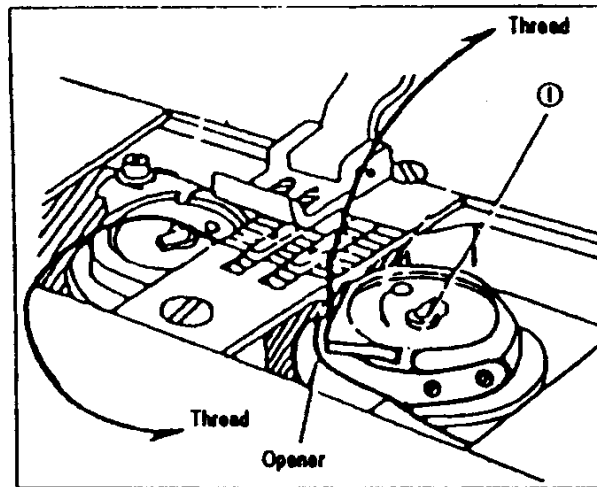
(1) Pulling out 5 cm thread tail from the bobbin.

(2) Hold the bobbin so that the bobbin thread is would in right direction and put it into the hook.

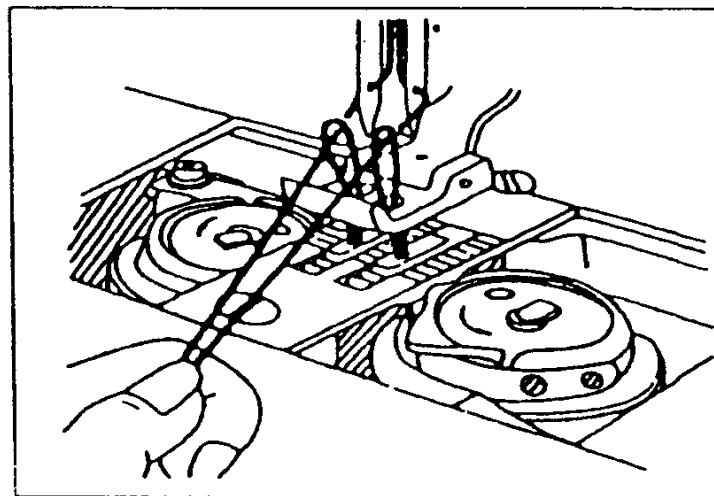


## 7. Threading of bobbin threads

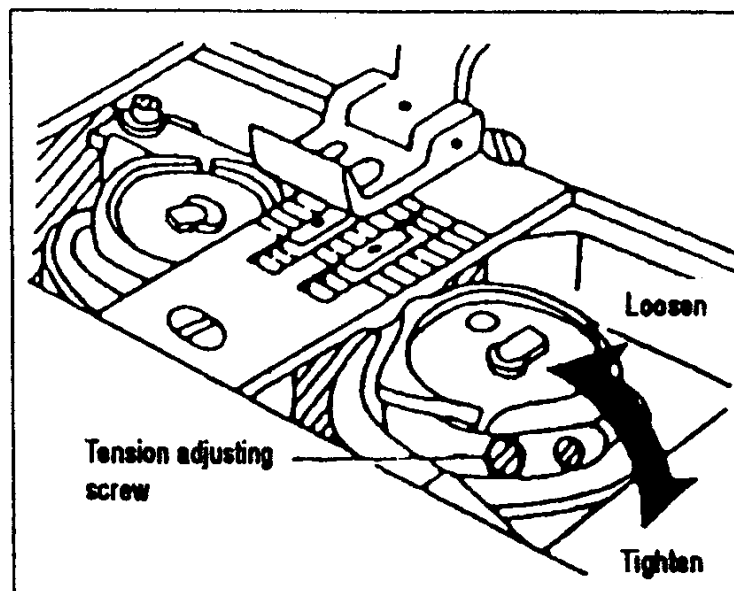
- (1) Put the hook into the bobbin case and press down the latch ①. The thread should be left on the bed.



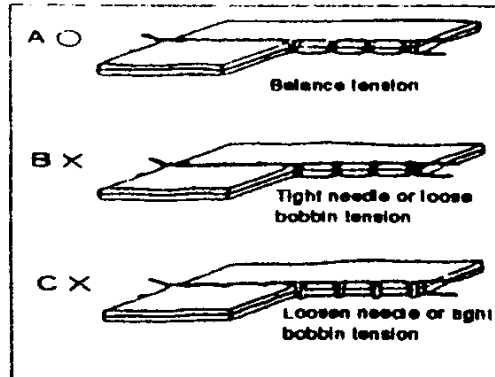
- (2) While holding the two needle threads by left hand, rotate the hand wheel one turn by right hand. By pulling up the needle threads, as shown in the figure, the bobbin threads will be lifted. Each combination of bobbin thread and Needle thread should be aligned and led backward.



## 8. Tension adjustment of bobbin threads



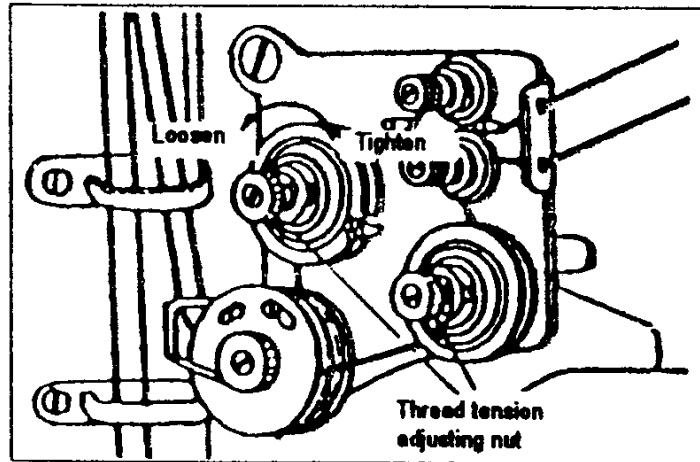
## 9. Balance of thread tension



## 10. Needle thread tension

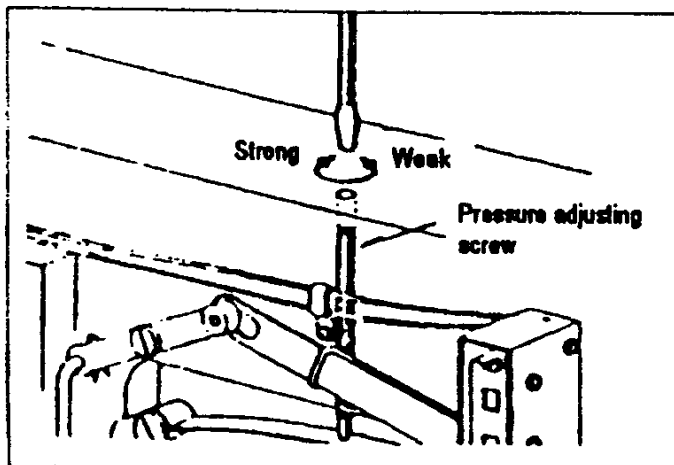
- Needle thread tension should be adjusted in reference to bobbin thread tension
- To adjust needle thread tension turn each tension adjusting nut

Needle thread tension can be also adjusted for special fabric and thread by changing intensity and movable range of slack thread adjusting spring



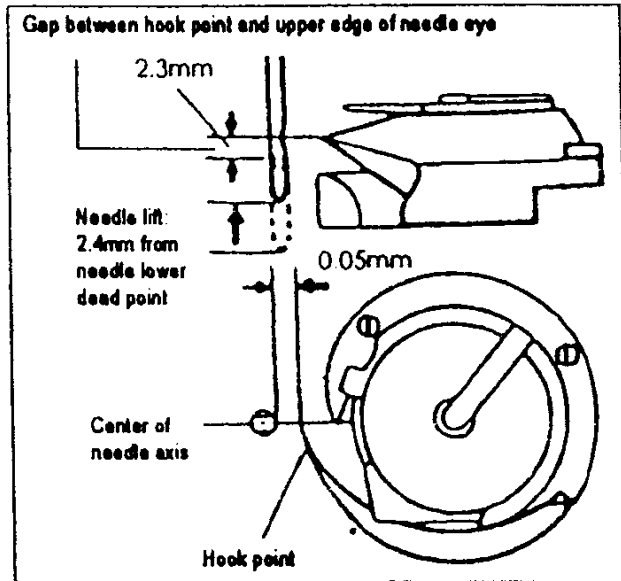
## 11. Adjustment of presser foot pressure

Pressure to fabric(s) can be adjusted by turning the pressure adjusting screw.



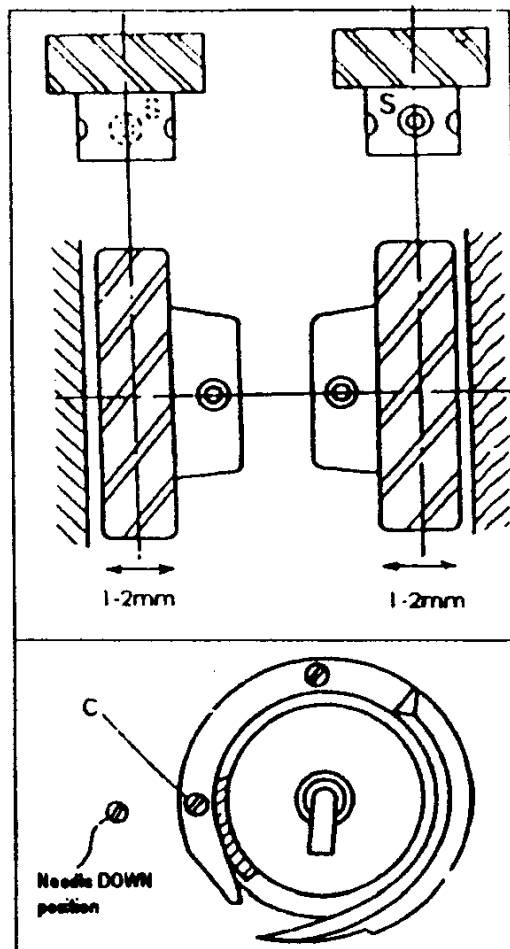
## 12. Timing between rotating hook motion and needle motion

- (1) Set feed length (stitch length) to "6" on the feed setting dial.
- (2) When needle is lifted 2.4mm from the lower dead point, as shown in Figure, the following positional relationship should be maintained.
  - The upper edge of needle eye should be 2.3mm below the hook point
  - The hook point should be located at the center of needle axis.
  - Gap between the hook point and the side face of needle should be 0.05mm



### Positioning of hook point

- (1) When the needle is at DOWN position, the smaller crossed helical gears on the right side and left side should be engaged with the large wheel so that the "S" screw of the former gear comes on the front side, and that of the latter gear on the reverse side.
  - (2) Tighten each "S" screw, where is punched for set screw, on the hook shaft.
  - (3) Approximate position of hook "C" screw of hook should be found close to the needle when the needle is at DOWN position.
- To finely adjust timing between the needle Motion and hook motion, loosen the set screw of larger gear wheel and move the gear wheel in its axial direction within arrange from 1mm to 2mm.

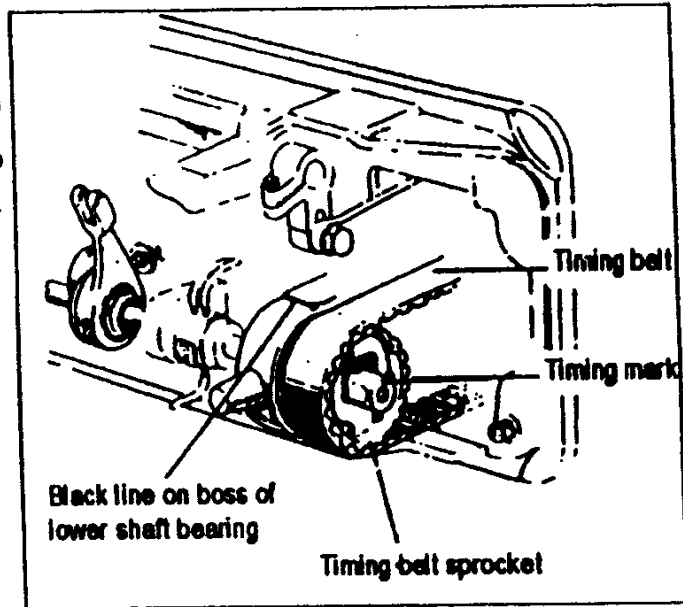




#### 14. Relationship between rotating hook motion and take-up lever motion

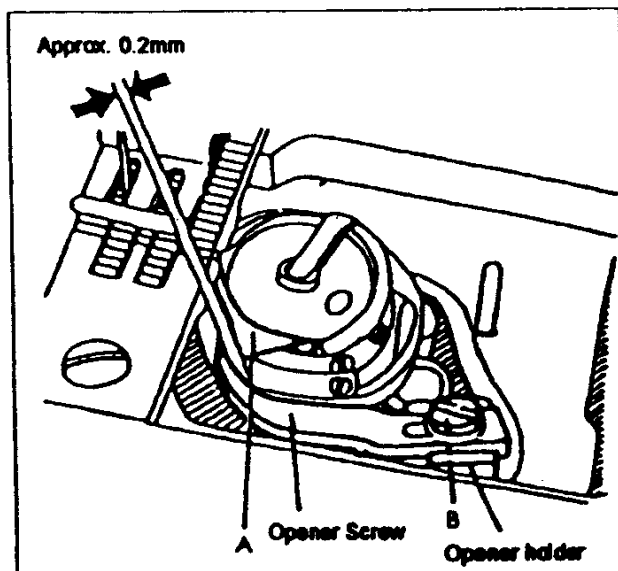
when the timing belt (toothed belt) was removed for its replacement, for example, the relationship between rotating hook motion and take-up lever motion should be adjusted as follows:

- (1) Turn the balance wheel and stop when the take-up lever is lifted to its upper dead point.
- (2) Lean the machine head backward and make sure the arrow (timing mark) put on the timing belt is in line with the black line on the boss of lower shaft bearing.
- (3) If the timing mark is not in line with the black line, remove the timing belt and install it again to adjust.



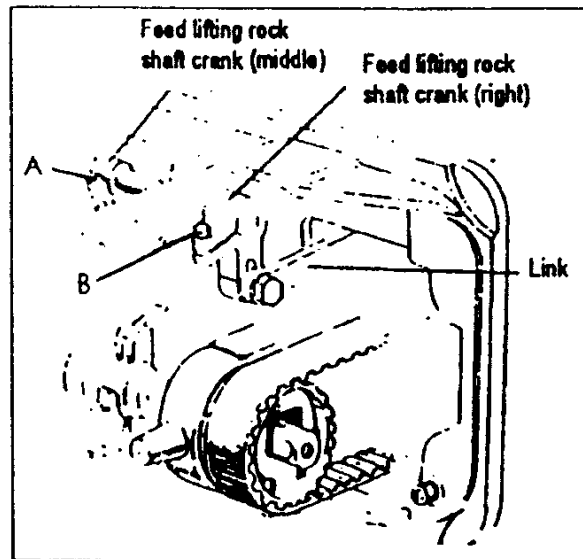
#### 15. Relationship between hook motion and opener motion

- (1) Turn the balance wheel by hand and stop when the opener holder is located most remotely from the throat plate.
- (2) Make sure gap between the bobbin case holder A and the opener is approximately 0.2mm.
- (3) If the gap is too large or small, loosen the opener holder set screw A and adjust position of the opener.



## 16. Relationship between needle motion and feed dog motion

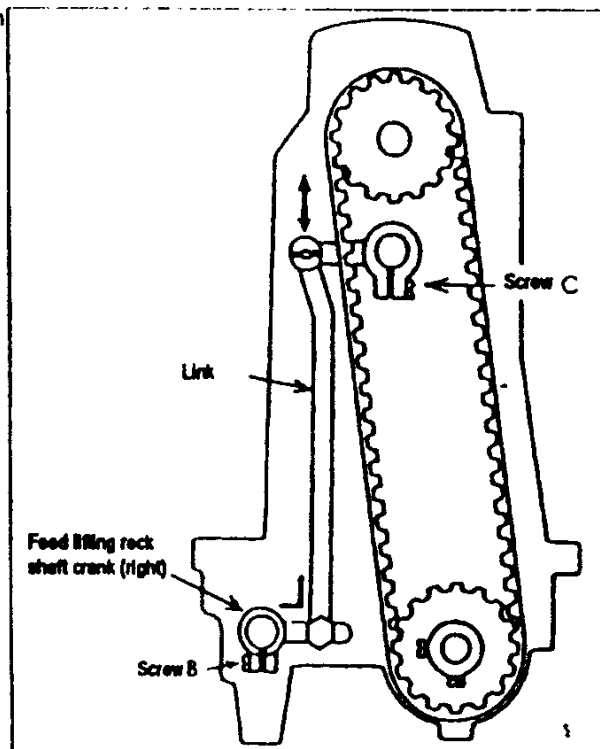
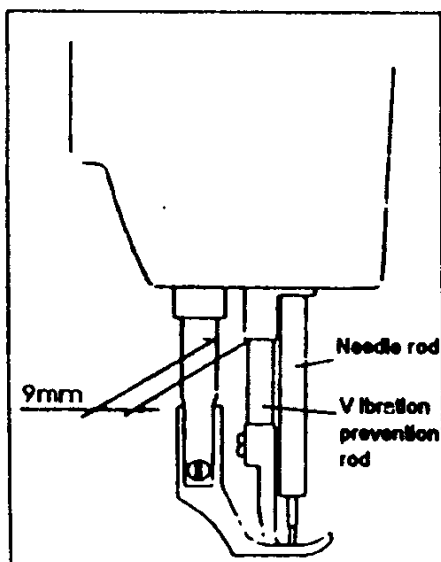
- (1) Set feed length to "0" on the feed setting dial
- (2) Lean the machine head backward
- (3) Loosen the feed lifting rock shaft crank set screws A and B
- (4) Set the needle at the lowest position.
- (5) Adjust the distance between presser rod and Vibration prevention rod to 9mm and temporarily tighten the feed lifting rock shaft crank set screws A and B



- (6) Check that the right feed lifting rock shaft crank is connected with the link at right angle, as shown in Figure.
- (7) If the connection is not at right angle, remove the back cover, loosen screw C and move the right link to connect the right feed lifting rock shaft with the link at right angle

- (8) After the completion of adjustment, fully tighten The screws A, B and C.

At this time make certain that needle can enter the feed dog needle hole at the center of the hole.





## 17. SAFETY CLUTCH DEVICE:

Safety clutch device is installed to prevent the hook and cog belt from damage in case the thread is caught into the hook when the machine is loaded abnormally during operation.

### (1) FUNCTION OF SAFETY CLUTCH.

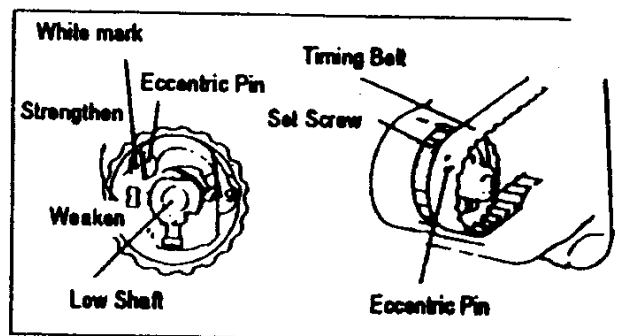
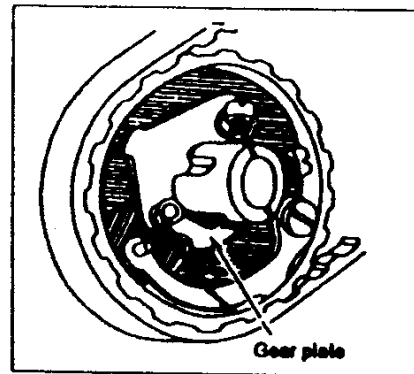
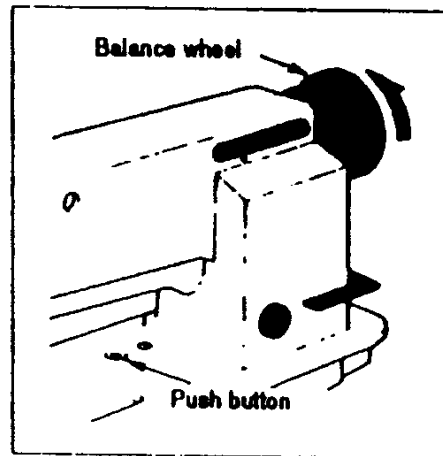
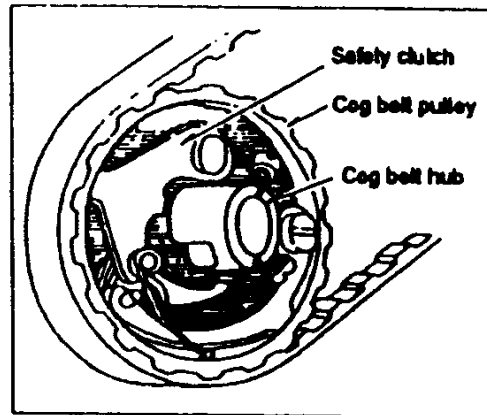
- A. When the safety clutch acts, the cog belt pulley will be unloaded. Then the rotation of hook shaft will stop. The arm shaft only will rotate. Stop the operation of machine.
- B. Clean the thread thoroughly which is caught into the hook.
- C. Turn the cog belt hub by hand, and check whether the hook shaft rotates lightly and properly, place the clutch device as follows.

### (2) HOW TO SET THE SAFETY CLUTCH.

- A. While pressing down the push button on the opposite side of bed by left hand, turn the balance wheel slowly by right hand away from you as shown in the figure.
- B. The balance wheel will stop by the gear plate, but turn the balance wheel more firmly.
- C. Release the push button.
- D. As shown in the Figure, the safety clutch device is set.

### (3) FORCE APPLIED TO THE SAFETY CLUTCH.

- A. The force applied to the safety clutch is the smallest when the white mark of the eccentric pin faces the center of the lower shaft. The force proportionally increases as the white mark faces the outside.
- B. To adjust the force slide the timing belt, loosen the set screw, and turn the eccentric pin.
- C. After the adjustment, make sure to fasten the set screw

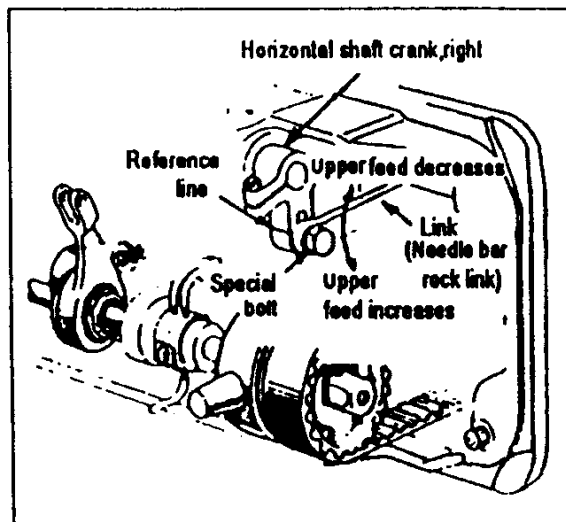


## 18. UPPER FEED ADJUSTMENT (NEEDLE SIDE)

If the uneven feeding occurs according to the fabric, adjust the long hole of the horizontal feed shaft crank (right) to adjust the upper feed length.

(How to adjust)

- (1) Loosen the special bolt.
- (2) Move the special bolt upward to decrease upper feed.
- (3) Move the special bolt downward to increase the upper feed. The upper feed and the lower feed theoretically becomes equal at the reference line on the horizontal feed shaft crank.
- (4) Securely tighten the special bolt after adjustment.



## 19. Outside presser foot and inside presser vertical stroke adjustment

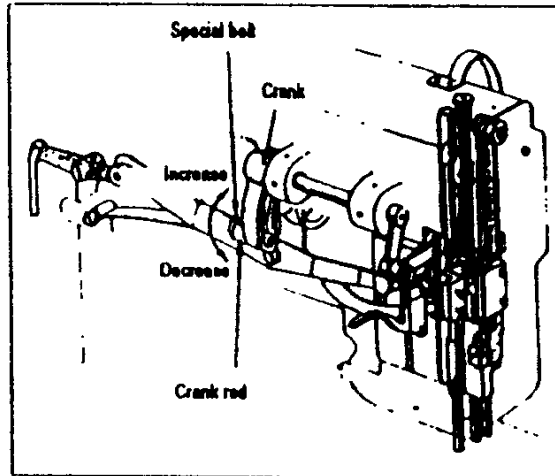
When fabric with large elasticity is sewn,

Or When thickness of fabric changes, the

vertical Stroke (movable range) of the  
press feet should be adjusted as follows:

### Adjustment

- (1) Loosen the special bolt.
- (2) The vertical strokes of the presser feet become maximum when the crank rod is moved upward and set.
- (3) The vertical strokes becomes minimum when the nut is moved downward and set.
- (4) After the adjustment, fully tighten the special bolt.



The vertical strokes of the presser feet can be adjusted within a range from 6mm to 2mm.

## 20. Adjustment

Rotating the pin that connects the link of back-sewing with the crank of back-sewing (down) can adjust the tolerance of between the stitches. Rotating the pin in clockwise can increase the stitch of forward sewing; otherwise, the stitch of back-sewing will be increased.

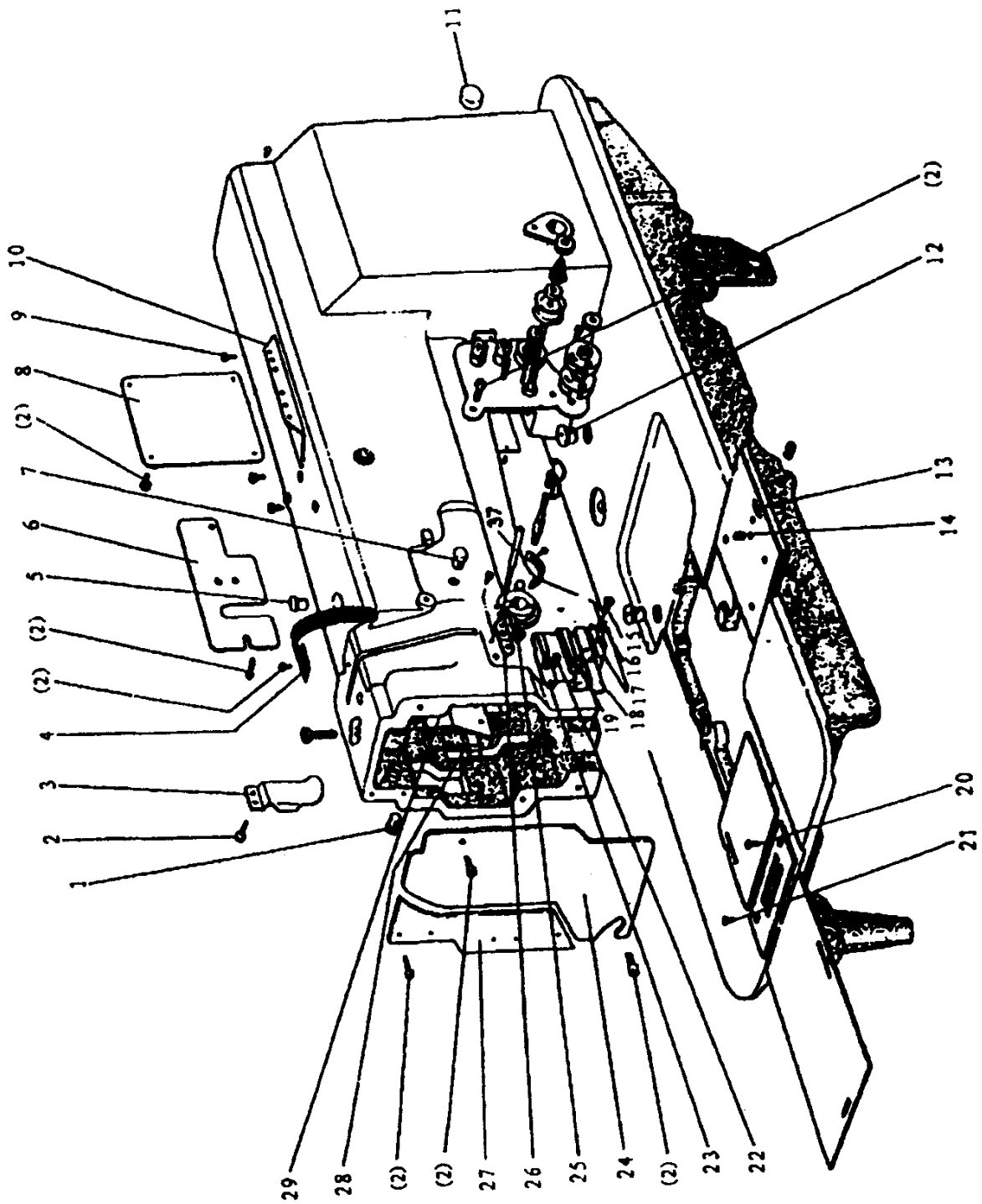
## Specitication

Model		WF 925	WF 926
Specification			
Number of needle		Single-needle	Double-needle
Application		Heavy material	
Max. sewing speed		2000rpm	
Stitch length		0-9mm	
Thread take-up lever stroke		74.5mm	
Needle-bar stroke		36mm	
Presser-foot stroke		16 by kenn	8 by hand
Vertical stroke of upper feed		2-6mm	
Needle No.		DP X 17 (#23 standard)	
Hook(horizontal full-rotating)		large	
Thread take-up lever		Slide lever	
Stitch adjusting system		Dial	
Lubrication system		Automatic lubrication	
Motor		Clutch motor	
Needle gauge	Standard	6.4mm	
	Special	3.2	4 4.8 8 9.5 12.7 16 19 25.4mm

**Note:**

- ◆ Some materials.gauge sizes, and/or sewing conditions may require specifications other than those listed above.
- ◆ Bobbin should be of high quality free from deformation.
- ◆ This specification is subject to change for machine improvement.

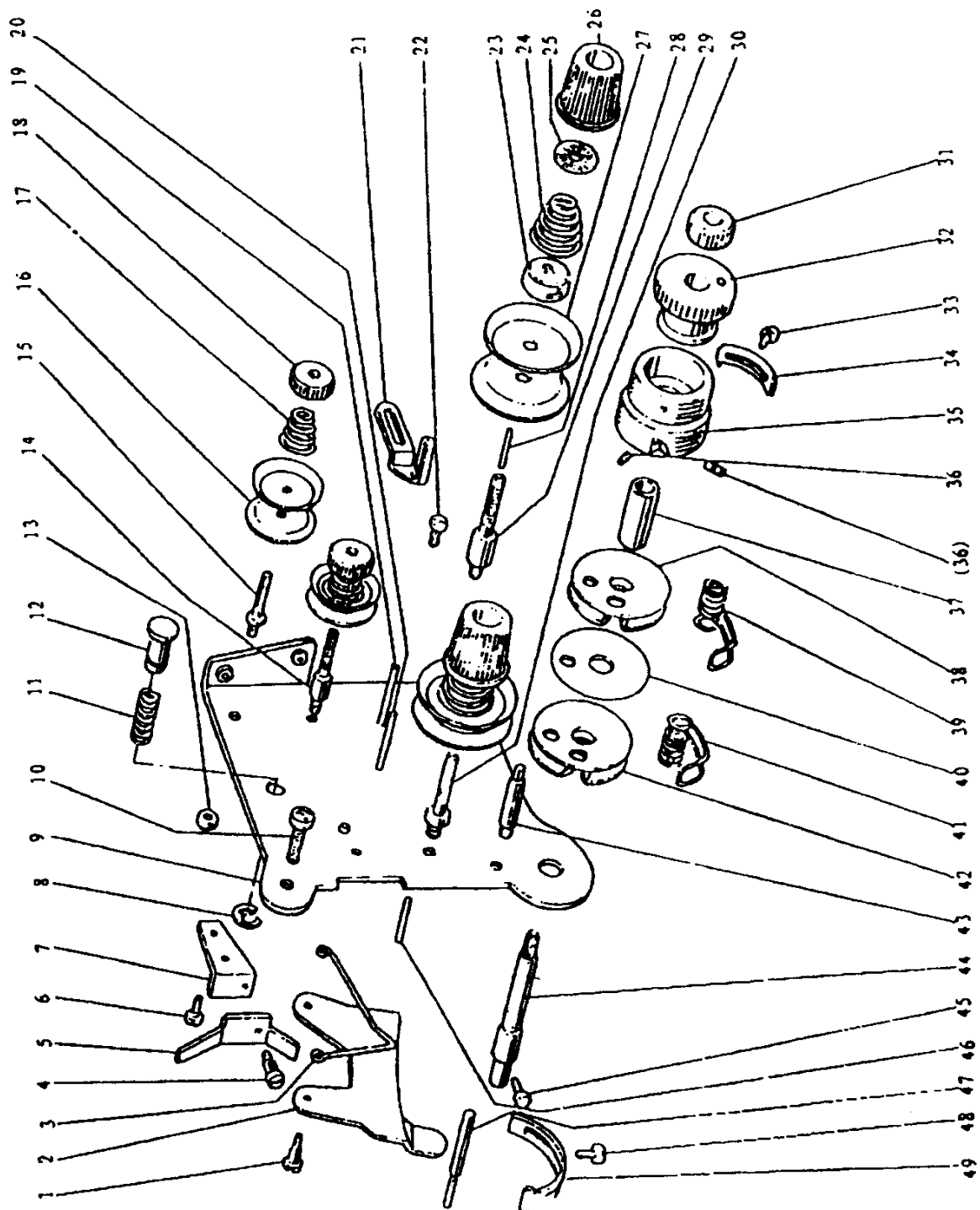
# A: ARM BED AND IT'S ACCESSORIES



## A:ARM BED AND IT'S ACCESSORIES

No.	Ref.No.	Description	WF 925	WF 926
1	72T1-009	Rubber plug	2	2
2	72T1-017	Screw	15	15
3	H47A001	Oil guard plate	1	1
4	H47A002	Thread take-up cover	1	1
5	32H1-019	Rubber plug	1	1
6	H47A003	Side cover (left)	1	1
7	20H1-001	Rubber plug	1	1
8	H47A004	Side cover (right)	1	1
9	82T1-006	Screw	2	2
10	24H1-010	Thread guide	1	1
11	72T1-004C3	Rubber plug	1	1
12	20H12-008	Cap	2	2
13	32H1-016C	Slide plate complete		1
14	32H1-017	Screw		1
15	H47A005	Screw	1	1
16	H47A006	Spring	1	1
17	H47A007	Plate	1	1
18	H47A008	Thread guide	1	1
19	32H1-010	Screw	1	1
20	72T1-019	Screw	2	1
21	32H1-012	Screw		1
22	30H3-016	Screw	1	1
23	H47A009	Thread guide (middle)	1	1
24	H47A010	Face plate	1	1
25	24H1-008	Screw	2	2
26	24H1-007	Thread guide (upper)	1	1
27	H47A011	Guide mounting plate	1	1
28	24H1-006	Plate for oil guard	1	1
29	32H1-006	Oil guard	1	1

# B: THREAD TENSION REGULATOR



## B:THREAD TENSION REGULATOR MECHANISM

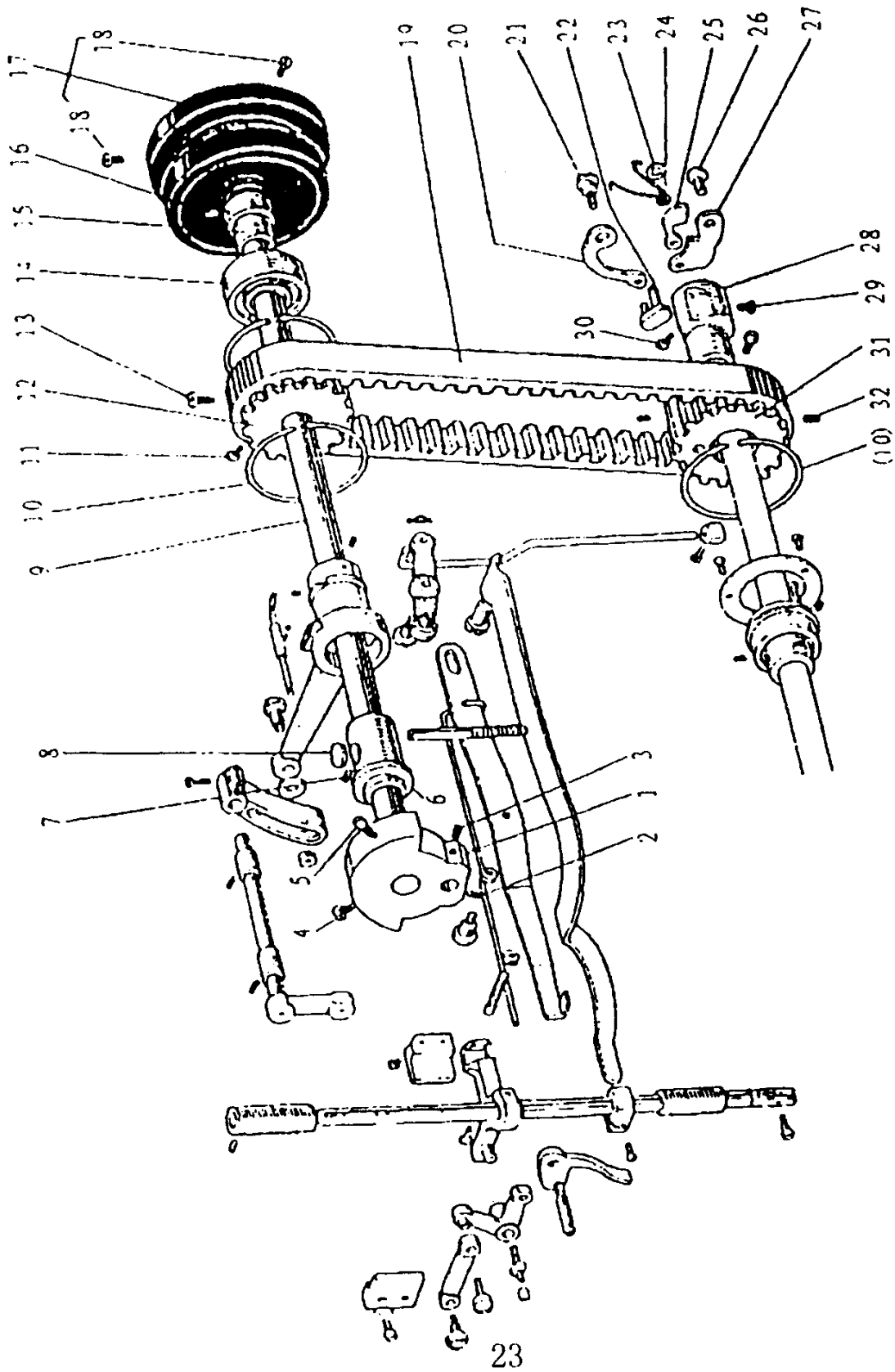
No.	Ref.No.	Description	WF 925	WF 926
1	25H2-001A10	Screw	2	2
2	32H1-018D14b	Tension releasing plate	1	1
3	25H2-001A11	Tension releasing spring	1	1
4	H47B001	Screw	1	1
5	H47B002	Lever	1	1
6	32H1-010	Screw	1	1
7	H47B003	Mounting plate	1	1
8	GB896-86-5	Stop ring	1	1
9	32H1-018D20	Mounting plate	1	1
10	72T2-002	Screw	2	2
11	H47B004	Spring	1	1
12	H47B005	Push button	1	1
13	32H1-018D10	Nut	2	2
14	32H1-018D5	Thread tension stud	1	1
15	32H1-018D3	Thread tension stud		1
16	22T1-009E3	Thread tension disk	2	4
17	33H1-004	Thread tension spring	1	2
18	82T1-007C1	Thumb nut	1	2
19	32H1-018D2	Pin		1
20	25H2-001A1b	Pin	1	1
21	33H1-003B1	Thread guide	1	1
22	22T1-003C6	Screw	1	1
23	72T1-007F2	Thread tension releasing plate	1	2
24	H47B006	Thread tension spring	1	2
25	22T1-012F10	Thumb nut revolution stopper	1	2
26	72T1-007F1	Thumb nut complete	1	2
27	72T1-007F5	Thread tension disk	2	4
28	32H1-018D16	Pin	1	1
29	32H1-018D9	Thread tension stud	1	1
30	32H1-018D6	Thread tension stud		1
31	32H1-018D8a7	Thumb nut	1	1
32	32H1-018D8a6	Take-up spring guide	1	1
33	32H1-018D8a11	Screw	1	1
34	32H1-018D8a10	Stopper	1	1
35	32H1-018D8a9	Thread tension post	1	1
36	32H1-018D8a5	Screw	2	2



## B:THREAD TENSION REGULATOR MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
37	32H1-018D8a8	Bushing	1	1
38	32H1-018D8a14	Plate complete	1	1
39	H47B007	Thread take-up spring	1	1
40	32H1-018D8a13	Plate	1	1
41	H47B008	Thread take-up spring		1
42	32H1-018D8a12	Plate complete	1	1
43	32H1-018D8a4	Screw	1	1
44	32H1-018D8a1	Thread tension stud	1	1
45	20H9-001C	Screw	1	1
46	32H1-018D17	Pin	1	1
47	32H1-018D18	Tension releasing pin	1	1
48	32H1-010	Screw	1	1
49	32H1-018D19	Stopper	1	1

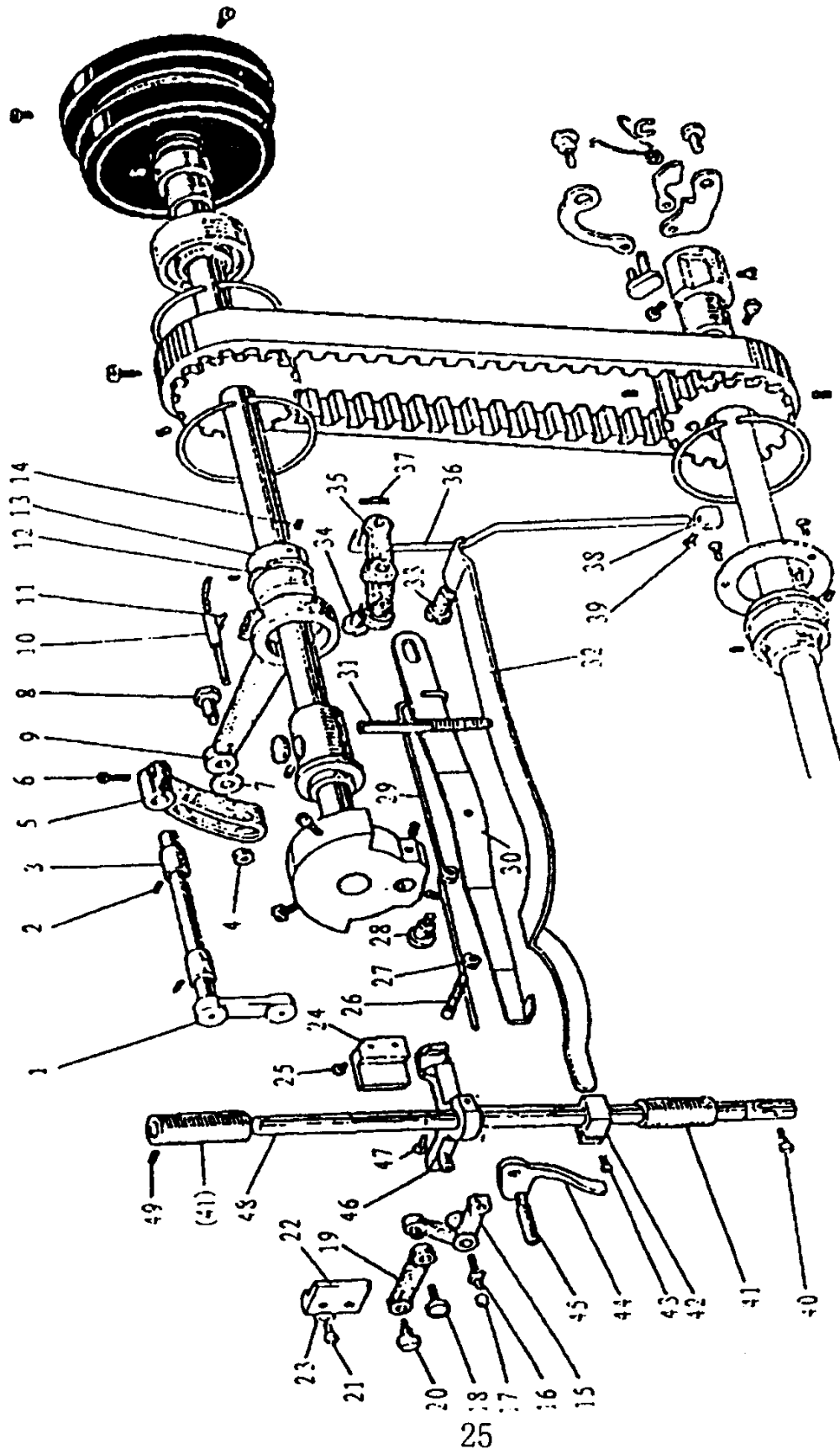
# C. UPPER SHAFT PRESSER FOOT MECHANISM



## C:UPPER SHAFT PRESSER FOOT MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
1	H47C001	Needle bar crank complete	1	1
2	22T3-002B2	Screw	1	1
3	72T2-004B2	Screw	1	1
4	22T2-006	Screw	1	1
5	22T2-007	Screw	1	1
6	32H1-001A1a2	Arm shaft bushing (left)	1	1
7	H47C002	Screw	1	1
8	32H1-001A1a1	Felt	1	1
9	H47C003	Arm shaft	1	1
10	32H2-002B1	Spring flange	3	3
11	22T5-010D4	Screw	1	1
12	32H2-002B2a	Pulley	1	1
13	22T5-013	Screw	1	1
14	32H9-002B2	Ball bearing	1	1
15	32H9-002B1	Bushing	1	1
16	22T5-010D4	Screw	2	2
17	32H9-001A2	Balance wheel	1	1
18	22T3-007C2	Screw	2	2
19	32H2-003	Cog belt	1	1
20	H47C004	Spring plate	1	1
21	H47C005	Pin	1	1
22	H47C006	Link	1	1
23	GB896-86-2.5	E-type stop ring 2.5	1	1
24	H47C007	Twist spring	1	1
25	H47C008	Plate	1	1
26	H47C009	Pin	1	1
27	H47C010	Plate	1	1
28	H47C011	Bushing	1	1
29	H47C012	Screw	1	1
30	22T5-001A4	Screw	1	1
31	H47C013	Belt pulley (lower)	1	1
32	H47C014	Screw	2	2

# D: PRESSER FOOT MECHANISM



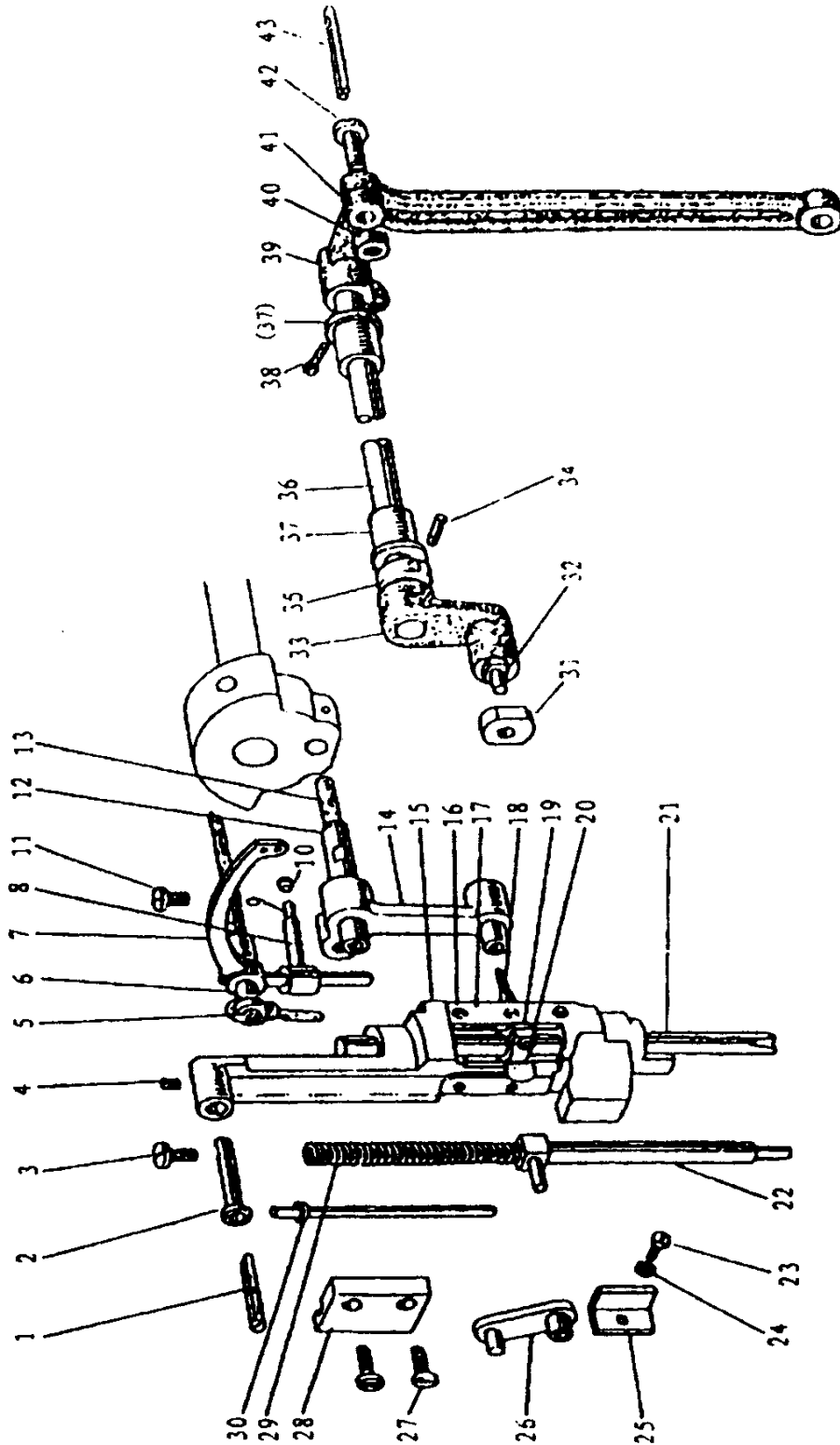
## D:PRESSER FOOT MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
1	H47D001	Feed lifting rock shaft	1	1
2	H47D002	Screw	2	2
3	H47D003	Bushing	2	2
4	S911N652P06	Nut	1	1
5	H47D004	Lever	1	1
6	20H13-009A2	Screw	1	1
7	20H9-010A	Washer	1	1
8	20H9-010	Bolt	1	1
9	20H9-011B	Connecting rod	1	1
10	H47D005	Oil pipe&wick complete	1	1
11	20H2-003A1a1	Spring	1	1
12	GB894-76	C-type stop ring	1	1
13	H47D006	Eccentric	1	1
14	72T2-004B2	Screw	2	2
15	H47D007	Bell crank	1	1
16	H47D008	Support shaft	1	1
17	H47D009	Roller	1	1
18	H47D010	Screw	1	1
19	H47D011	Link	1	1
20	H47D012	Screw	1	1
21	22T4-015	Screw	2	2
22	H47D013	Bell crank guide	1	1
23	H47D014	Washer	2	2
24	H47D015	Guide	1	1
25	H47D016	Screw	2	2
26	H47D017	Screw	1	1
27	H47D018	Nut	1	1
28	31H6-013	Screw	1	1
29	H47D019	Twist spring	1	1
30	H47D020	Knee lifting lever	1	1
31	H47D021	Screw	1	1
32	H47D022	Lever spring	1	1
33	31H6-017	Screw	1	1
34	H47D023	Screw	1	1
35	H47D024	Knee lifter lifting lever complete	1	1
36	H47D025	Operation rod	1	1

## D:PRESSER FOOT MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
37	H47D026	Snap pin	1	1
38	H47D027	Collar	1	1
39	H47D028	Screw	1	1
40	32H4-002	Screw	1	1
41	H47D029	Bushing	2	2
42	H47D030	Spring bracket	1	1
43	H47D031	Screw	1	1
44	H47D032	Lifter lever	1	1
45	H47D033	Screwed pin	1	1
46	H47D034	Bracket	1	1
47	H47D035	Screw	3	3
48	H47D036	Presser bar	1	1
49	H4703002	Screw	2	2

# E: NEEDLE BAR & THREAD TAKE-UP LEVER MECHANISM



## E:NEEDLE BAR&THREAD TAKE-UP LEVER MECHANISM

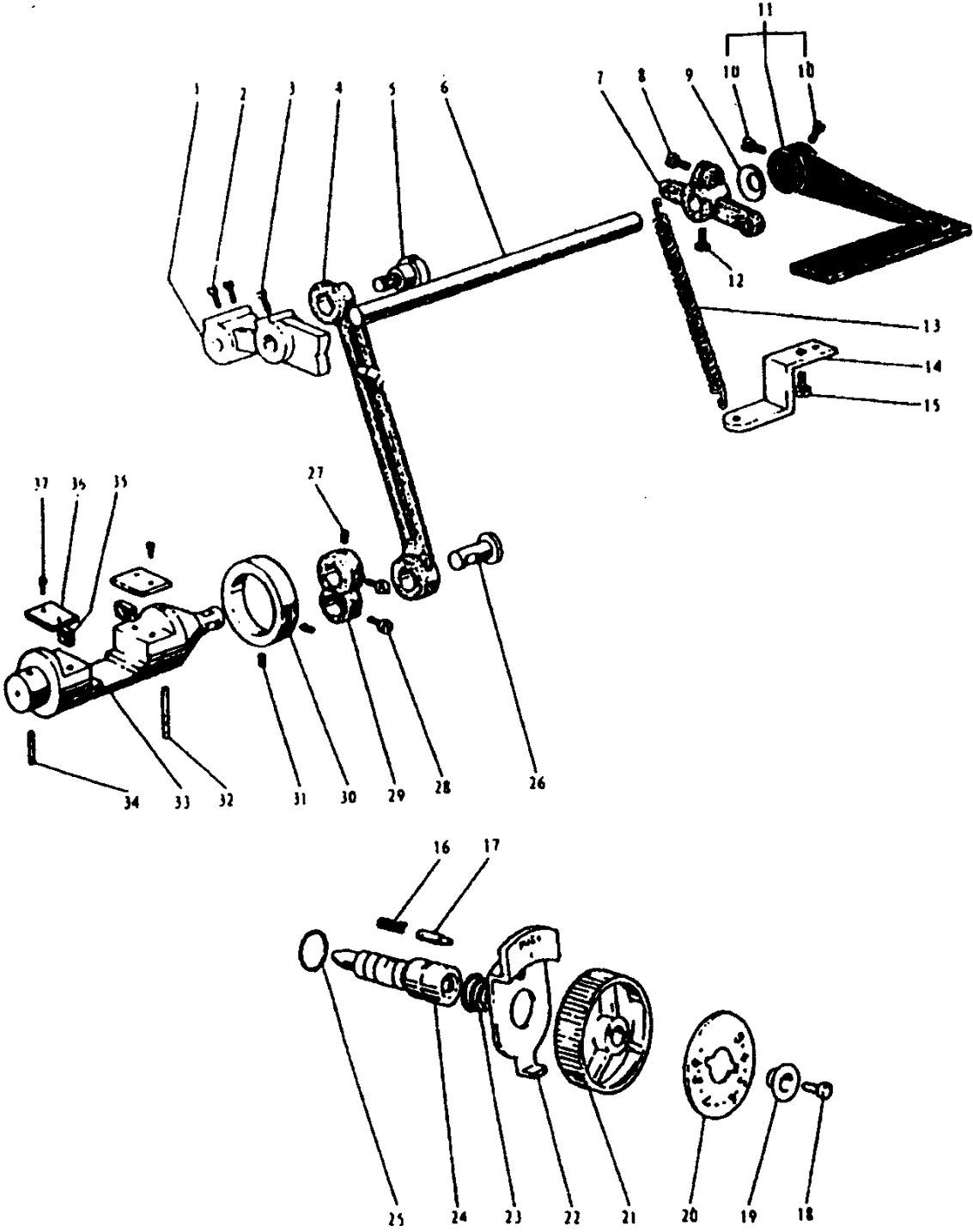
No.	Ref.No.	Description	WF 925	WF 926
1	24H3-002B1a22	Oil wick	1	1
2	H47E001	Needle bar guide bracket stud	1	1
3	H47E002	Screw	1	1
4	22T2-002	Screw	1	1
5	24H3-002B1a22	Oil wick	1	1
6	24H3-002B1a21	Thread take-up lever support stud	1	1
7	H47E003	Thread take-up lever	1	1
8	24H3-002B1a1-2	Thread take-up slide brock	1	1
9	24H3-002B1a4	Oil wick	1	1
10	24H3-002B1a3	Plug	1	1
11	22T3-007C2	Screw	1	1
12	24H3-002B2	Needle bar crank pin	1	1
13	H47E004	Oil wick	1	1
14	H47E005	Connecting link	1	1
15	H47E006	Needle bar guide bracket	1	1
16	32H3-001A1a3	Screw	6	6
17	H47E007	Spacer	2	2
18	32H3-001A13	Felt	1	1
19	H47E008	Needle bar holder	1	1
20	32H3-001A1a6	Screw	1	1
21	H47E009	Needle bar		1
21	48H05-003P01	Needle bar	1	
22	H47E010	Vibrating presser bar	1	1
23	34H2-002	Screw	1	1
24	32H8-003	Washer	1	1
25	34H2-001	Needle bar guide	1	1
26	H47E011	Vibrating presser bar link	1	1
27	H4704035	Screw	2	2
28	H47E012	Vibrating presser bar guide	1	1
29	H47E013	Spring	1	1
30	H47E014	Vibrating presser spring guide	1	1
31	34H2-007D1x	Square block	1	1
32	34H2-003C1	Crank pin	1	1
33	34H2-003C2	Needle bar vibrating crank (left)	1	1
34	GB-117-79	Taper	1	1
35	H47E015	Collar	1	1



## E:NEEDLE BAR&THREAD TAKE-UP LEVER MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
36	H47E016	Needle bar vibrating shaft	1	1
37	32H1-001A2	Needle bar vibrating shaft bushing	2	2
38	20H13-009A2	Screw	1	1
39	34H2-004B1	Needle bar vibrating crank (right)	1	1
40	32H3-003C1a5	Nut	1	1
41	34H2-004B2	Connecting link	1	1
42	32H3-003C1a3	Screw	1	1
43	32H3-003C1a4	Oil wick	1	1

# F: STITCH REGULATOR MECHANISM



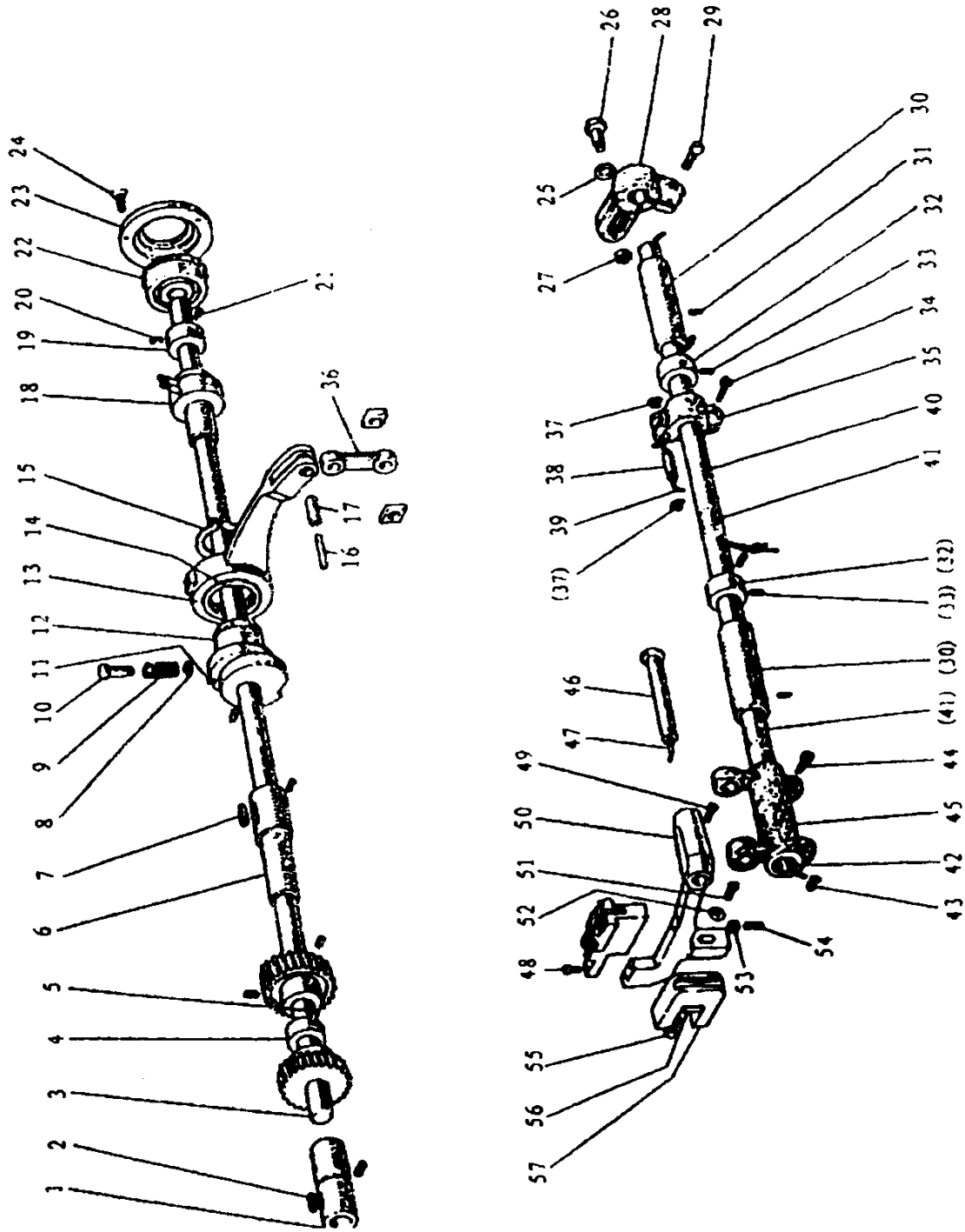
## F:STITCH REGULATOR MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
1	H47F001	Feed regulator cam	1	1
2	22T5-010D4	Screw	2	2
3	32H5-002	Screw	1	1
4	H47F002	Link	1	1
5	22T6-007	Eccentric shaft	1	1
6	H47F003	Reverse stitch shaft (upper)	1	1
7	32H5-004C1	Arm	1	1
8	83T5-002	Screw	1	1
9	22T5-011	Spring washer	1	1
10	22T5-010D4	Screw	2	2
11	32H5-013G	Reverse sewing lever	1	1
12	32H5-004C2	Screw	1	1
13	H47F004	Spring	1	1
14	32H5-005	Guide plate	1	1
15	72T2-002	Screw	1	1
16	32H5-011	Spring	1	1
17	82T5-003	Pin	1	1
18	82T5-017D6	Screw	1	1
19	82T5-017D5	Bushing	1	1
20	49H06-007P01	Stitch length indicating plate	1	1
21	82T5-017D2a1	Dial	1	1
22	82T5-017D3	Stopper pin releasing lever	1	1
23	82T5-017D7	Coil spring	1	1
24	22T5-006C1	Screw bar	1	1
25	82T5-017D8	O-ring	1	1
26	32H5-003B2	Pin	1	1
27	GB70-85	Screw	1	1
28	GB77-85	Screw	2	2
29	H47F006	Reverse sewing crank	1	1
30	H47F007	Collar	1	1
31	72T3-005D1a3	Screw	2	2
32	H47F008	Felt	1	1
33	H47F009	Rverse block	1	1
34	H47F010	Felt	1	1
35	H47F011	Square block	2	2
36	H47F012	Guide plate	2	2

# F:STITCH REGULATOR MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
37	72T2-002	Screw	4	4

# G: LOW SHAFT&FEED ROCKING MOTION MECHANISM



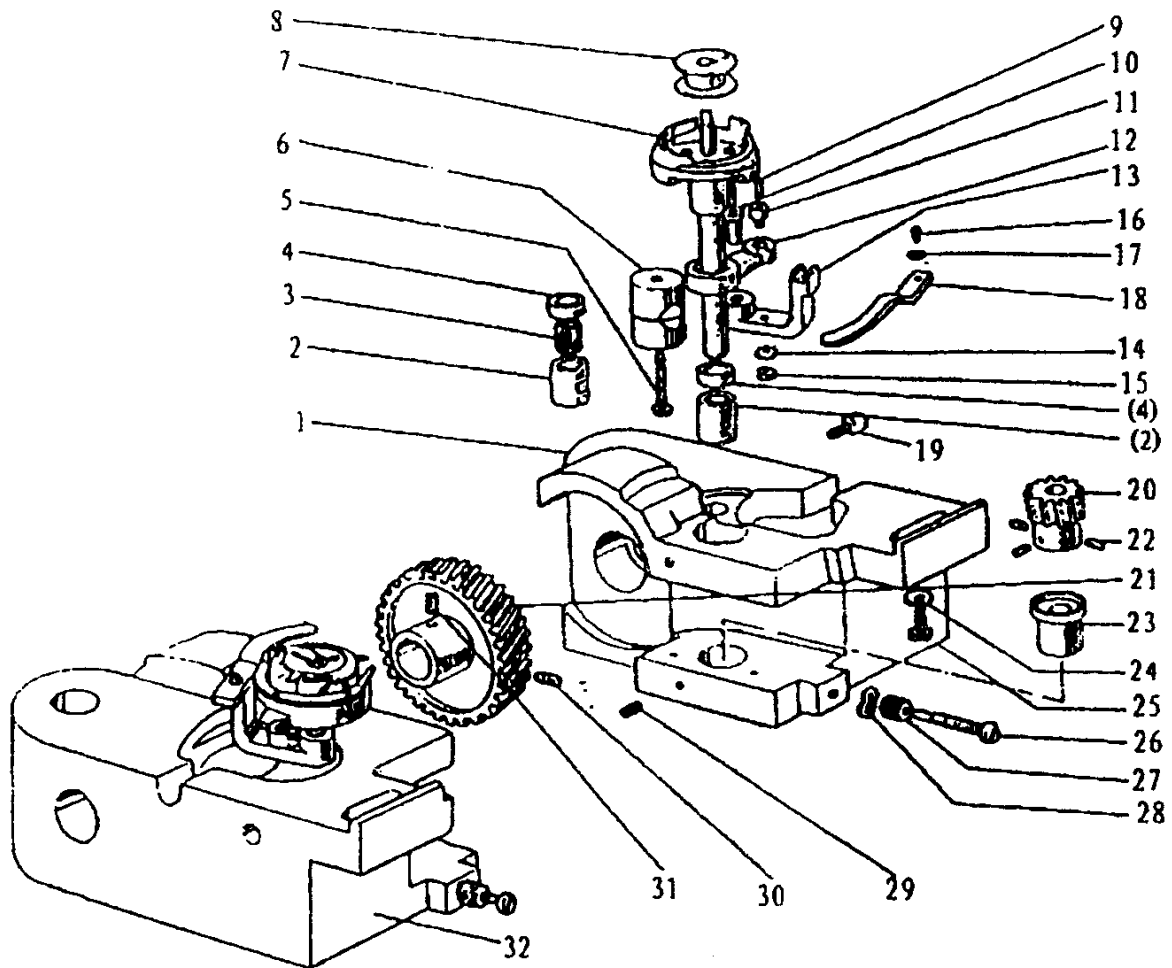
## G:LOW SHAFT&FEED ROCKING MOTION MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
1	H47G001	Lower shaft bushing (left)	1	1
2	H47G002	Oil wick	1	1
3	H47G003	Lower shaft	1	1
4	H47G004	Feed eccentric cam	1	1
5	32H7-002A4	Screw	1	1
6	H47G005	Lower shaft bushing (right)	1	1
7	H47G006	Oil wick	1	1
8	GB896-86-5	Stop ring	2	2
9	H47G007	Spring	1	1
10	H47G008	Push button	1	1
11	24H3-002B4	Screw	2	2
12	H47G009	Feed eccentric	1	1
13	H47G010	Feed connecting rod	1	1
14	H47G011	Needle bearing	1	1
15	G8894.1-86 26	C-type stop ring	1	1
16	H47G012	Oil wick	1	1
17	H47G013	Shaft	1	1
18	H47G014	Lower shaft bushing complete (middle	1	1
19	H47G015	Bushing	1	1
20	22T3-002B2	Screw	1	1
21	32H7-002A4	Screw	1	1
22	H47G016	Ball bearing	1	1
23	H47G017	Bearing holder	1	1
24	82T2-003C1a3	Screw	3	3
25	H47G018	Washer	1	1
26	H47G019	Screw	1	1
27	S911N652P06	Nut	1	1
28	H47G020	Feed connection crank (right)	1	1
29	20H13-009A2	Screw	1	1
30	22T6-012	Feed rock shaft bushing	2	2
31	H4703002	Screw	2	2
32	22T6-005B1	Collar	2	2
33	22T3-002B2	Screw	4	4
34	20H13-009A2	Screw	1	1
35	H47G021	Feed connection crank (middle)	1	1
36	H47G022	Link	1	1

## G:LOW SHAFT&FEED ROCKING MOTION MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
37	GB896-86-5	E-type stop ring	2	2
38	H47G023	Pin	1	1
39	H47G024	Oil wick	1	1
40	32H6-001A1	Feed rock shaft	1	1
41	H47G025	Felt	2	2
42	32H6-001A3a	Oil wick	1	1
43	32H6-003	Clip	1	1
44	22T6-001B1b	Screw	2	2
45	32H6-002B3b	Feed connection crank (left)	1	1
46	32H6-002B4c2	Feed bar shaft	1	1
47	32H6-002B2	Oil wick	1	1
48	32H6-002B1a2	Bolt	2	2
49	GB78-85-M5× 5	Bolt	1	1
50	H47G026	Feed bar		1
50	48H07-002P01	Feed bar	1	
51	32H7-004	Screw	1	1
52	20H9-010A	Washer	1	1
53	GB6170-86-M3	Nut	1	1
54	GB78-85-M3× 14	Screw	1	1
55	32H7-002A3	Screw	1	1
56	32H7-002A2	Felt	1	1
57	H47G027	Feed bar forked connection	1	1

# H: HOOK SADDLE MECHANISM

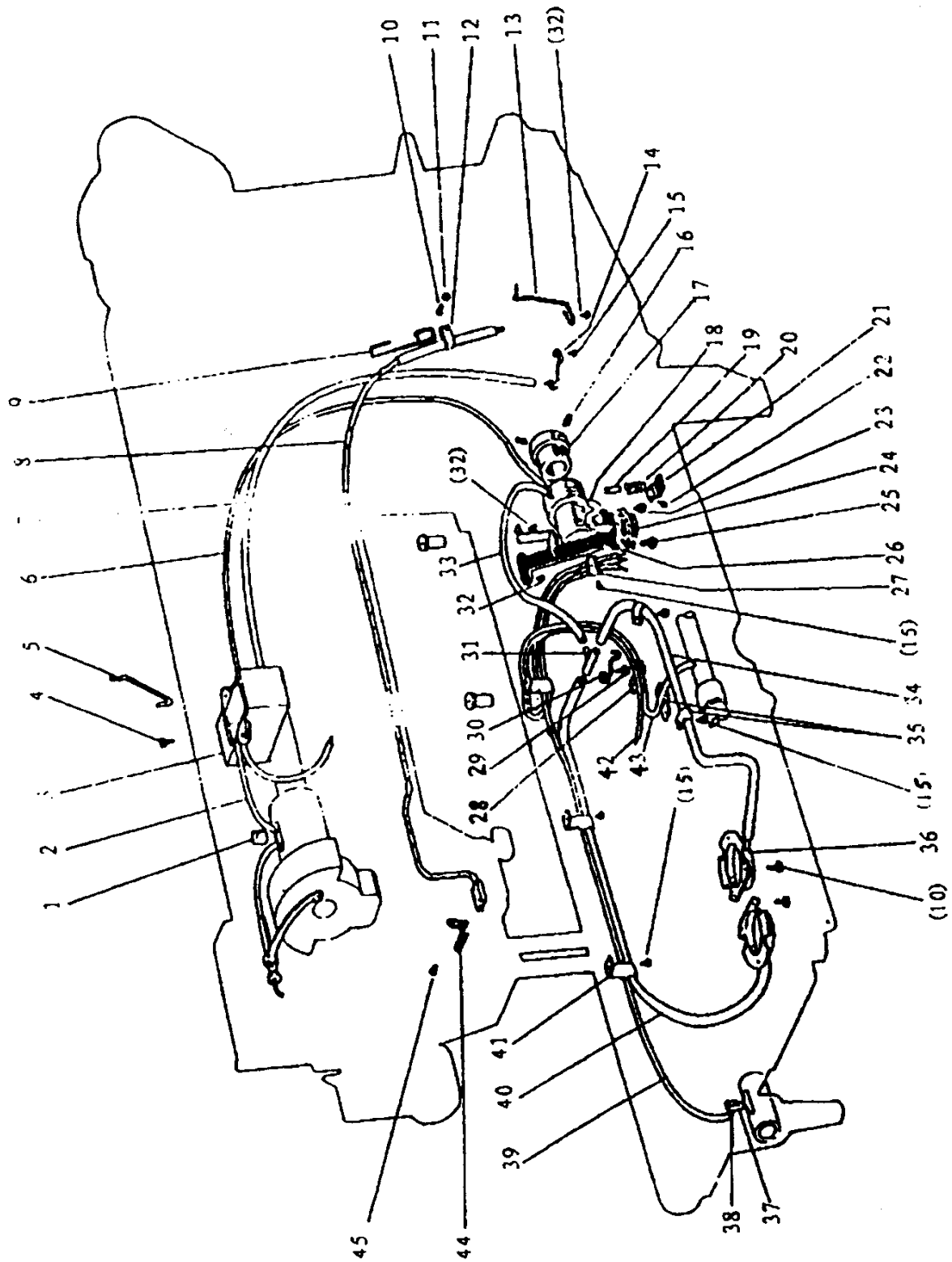




## H:HOOK SADDLE MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
1	33H8-001A1	Hook saddle (right)	1	1
2	33H8-001A2a1	Hook saddle bushing (upper)	1	2
3	32H8-001A2a2	Needle bearing K9.5x12.5x9.8	1	2
4	33H8-001A2a2	Washer	1	2
5	32H8-004B1	Screw	1	2
6	32H8-004B	Bushing complete	1	2
7	47H08-005G01	Hook complete	1	2
8	33H8-003C	Bobbin	1	2
9	32H8-001A6	Oil wick	1	2
10	32H8-001A5c5	Bobbin case opener holder pin	1	2
11	32H8-001A5c2	Screw	1	2
12	33H8-001A3a2	Link	1	2
13	33H8-001A3a1	Bobbin case opener holder	1	2
14	GB93-87-5	Spring washer	1	2
15	22T6-001A8	Nut	1	2
16	20H9-001C	Screw	1	2
17	32H8-003	Washer	1	2
18	33H8-002B	Opener	1	2
19	32H8-001A7	Bolt	1	2
20	H47H001	Gear (small)	1	2
21	H47H002	Gear (large)	1	2
22	22T3-002B2	Screw	3	6
23	32H8-001A3	Hook shaft bushing (lower)	1	2
24	20H9-010A	Washer	1	2
25	32H8-005	Screw	1	2
26	32H8-001A8	Screw	1	2
27	32H8-001A9	Nut	1	2
28	GC860-87-6	Spring washer	1	2
29	72T4-002B2	Screw	2	4
30	72T2-004B2	Screw	1	2
31	32H8-001A10	Screw	1	2
32	33H8-004D1	Hook saddle (left)		1

# I: OIL LUBRICATION MECHANISM



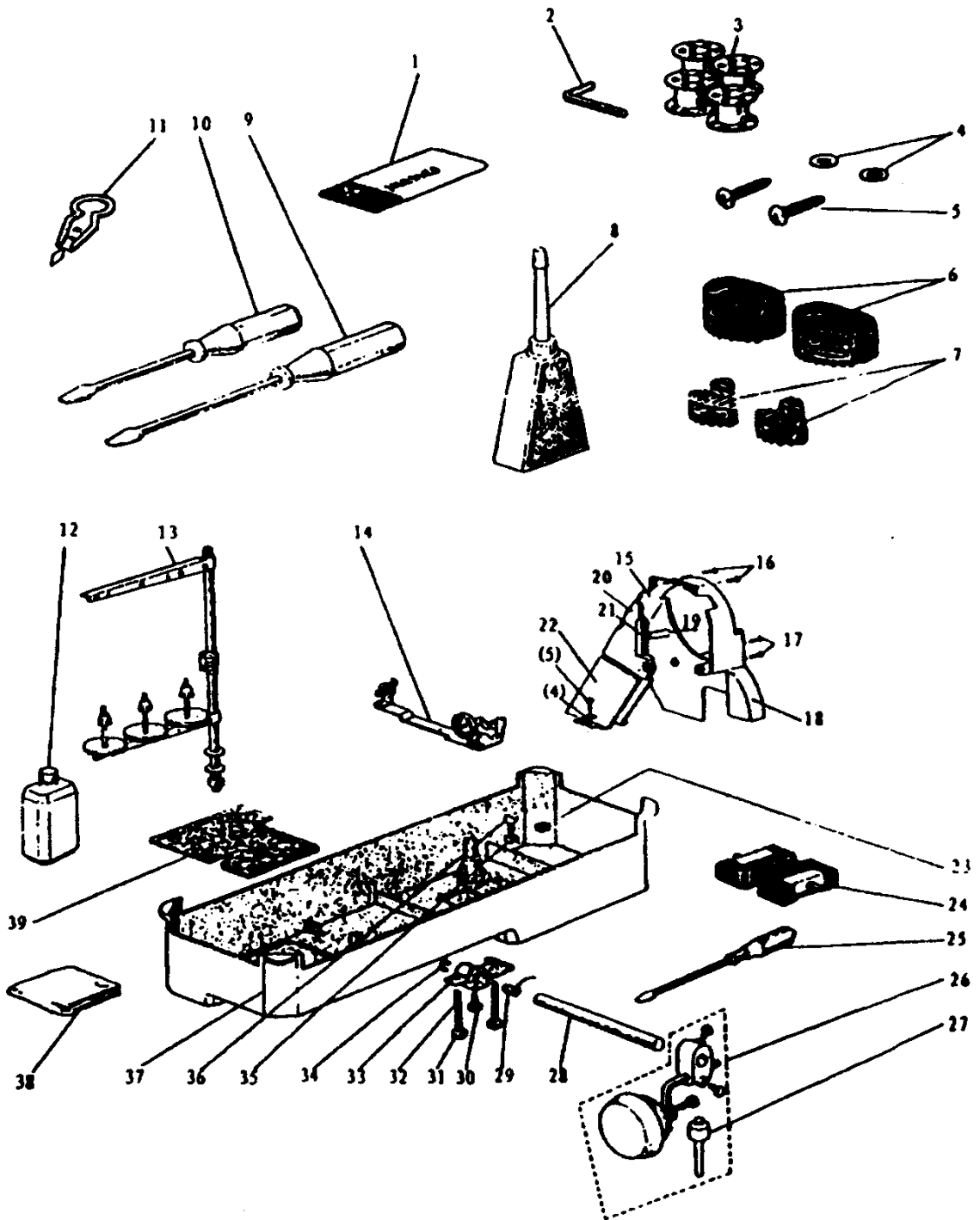
# I:OIL LUBRICATION MECHANISM

No.	Ref.No.	Description	WF 925	WF 926
1	32H1-001A7e3	Felt	1	1
2	H47I001	Oil pipe complete	1	1
3	32H10-001A1a	Oil reservoir complete	1	1
4	GB819-85	Screw	2	2
5	H47I002	Holder	1	1
6	H47I003	Oil pipe $\Phi 3 \times 1 \times 400$	1	1
7	H47I004	Oil pipe $\Phi 5 \times 1 \times 360$	1	1
8	H47I005	Oil reservoir complete	1	1
9	H47I006	Holder	1	1
10	82T2-003C1a11	Screw	7	7
11	22T8-005	Spring washer	1	1
12	20H12-011	Holder	1	1
13	H47I007	Holder	1	1
14	H47I008	Holder	1	1
15	22T8-011C4	Screw	8	8
16	32H10-027K1	Screw	2	2
17	H47I009	Bushing	1	1
18	32H10-012E6	Oil pipe	1	1
19	32H10-009	Pin	1	1
20	11H8-009	Spring	1	1
21	11H8-011	Spring holder	1	1
22	32H3-001A10	Screw	1	1
23	32H10-012E3	Screw	1	1
24	32H10-012E2	Filter	1	1
25	32H10-012E4	Screw	1	1
26	H47I010	Mounting plate complete	1	1
27	32H10-012E5	Holder	1	1
28	32H10-017	Holder	1	1
29	82T2-003C1a11	Screw		1
30	32H10-007C5	Holder		1
31	58T7-004B1a	Oil pipe joint		1
32	22T4-015	Screw	4	4
33	H47I011	Oil pipe $\Phi 3 \times 1 \times 90$		1
33	48H09-002P01	Oil pipe $\Phi 3 \times 1 \times 370$	1	
34	H47I012	Oil pipe $\Phi 3 \times 1 \times 300$		1
35	20H12-011	Holder	3	3

# I:OIL LUBRICATION MECHANISM

No.	Ref.No.	Description	WF 925	( WF 926 )
36	32H10-008D	Oil reservoir complete	2	2
37	32H10-018	Oil wick $\Phi 2.5 \times 35$	3	3
38	32H10-013F1	Oil wick	1	1
39	32H10-013F2	Oil pipe	1	1
40	H47I013	Oil pipe $\Phi 3 \times 1 \times 445$	1	1
41	32H10-016	Holder	3	3
42	H47I014	Oil wick	1	1
43	H47I015	Oil wick	1	1
44	H47I016	Holder	1	1
45	72T2-003	Screw	1	1

# J: ACCESSORIES



## J:ACCESSORIES

No.	Ref.No.	Description	WF 925	WF 926
1	H47J001	Needle DPx17-23	3	6
2		Socket wrench	1	1
3	24H8-002	Bobbin	4	4
4	32H11-005	Washer	2	2
5	GB99-76	Screw	4	4
6	32H11-002	Vibration preventing rubber	2	2
7	32H11-003	Vibration preventing rubber	2	2
8	22T9-011	Oiler	1	1
9	22T9-014	Screw driver (middle)	1	1
10	22T9-015	Screw driver (small)	1	1
11	32H11-004A	Thread a needle kit	1	1
12	32H11-013	Oil can	1	1
13	32H11-012	Cotton stand	1	1
14	82T18-003C	Bobbin winder	1	1
15	20H14-005D	Belt cover (upper)	1	1
16	72T2-017	Screw	2	2
17	72T9-028	Screw	2	2
18	H47J002	Belt cover (lower)	1	1
19	72T9-025	Screw	1	1
20	H47J003	Belt cover complete	1	1
21	GB54-76	Screw	1	1
22	H47J004	Belt cover bracket	1	1
23	22T9-012	Magnet block for reservoir	1	1
24	72T9-004C	Hinge complete	2	2
25	72T9-007	Screw driver (large)	1	1
26	32H11-011C	Small parts	1	1
27	32H11-011C1a	Knee lift pin	1	1
28	32H11-010B2	Knee lift shaft	1	1
29	22T9-001A7	Spring	1	1
30	22T9-003B4	Screw	1	1
31	22T9-001A10	Nut	2	2
32	22T9-001A9	Screw	2	2
33	32H11-010B4	Knee lifter crank	1	1
34	GB896-86-9	E-type stop ring	1	1
35	22T9-001A3	Washer	1	1
36	22T9-001A2	Screw	1	1

## J:ACCESSORIES

No.	Ref.No.	Description	WF 925	WF 926
37	32H11-010B1	Oil reservoir	1	1
38	22T9-018	Vinyl cover	1	1
39	32H11-015D1	Felt	1	1