# 1510AE

# COMPOUND FEED LOCKSTITCH SEWING MACHINE WITH EDGE TRIMMER AND BINDING

**OPERATION INSTRUCTION / PARTS MANUAL** 

# CONTENTS

Operation Instruction	
1.Brief introduction  2.Main specifications  3.Machine installation  4.Setting the wests oil collector.	1 1
Setting the waste oil collector.      Tension of belt	2
6.Installing the belt cover	
8.Cleaning the small oil pan	4
9.Setting the sewing needle	4
10.Threading the bobbin	5
11.Installing the thread winding guide	
13.Threading the needle	6
14. Stitch length	
15.Thread tension	6
17.Presser foot lift	7
18.Pressure of presser foot	7
19.Adjusting needle guard plate	
20.Reset of safety clutch	
22. Timing between needle and rotating hook	8
23. Alternating lift amount of presser feet	
24.Settings for different speeds	
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Parts Chart	
1.Arm and bed  2.Arm shaft & thread take-up mechanisms	10-13
3.Needle bar & swing mechanisms	18-19
4.Upper feed mechanisms	20-23
5.Lower feed, reverse and feed regulating	24-27
6.Lower shaft and rotating hook	
8. Winding & small tension components	
9.Knee lifting mechanisms	34-35
10 Lubrication components	36 30

# **OPERATION INSTRUCTION**

#### 1. Brief introduction

This compound feed sewing machine is designed with unique feed mechanisms, which make sewing of uneven and thick materials easy. Smooth, uniform and neat stitches are promised. The machine runs with high speed and low noise thanks for its' vertical-axis rotating hook, sliding lever take-up and synchronized belt driven mechanisms. It is designed for sewing of car seats, sofas, leather bags and tents industry.

### 3. Machine installation (Fig.1)

1. Setting of hinges and cushions of machine head Fix hinges ① and rubber cushions ② into the working table by nails ③.

2. Setting of oil pan

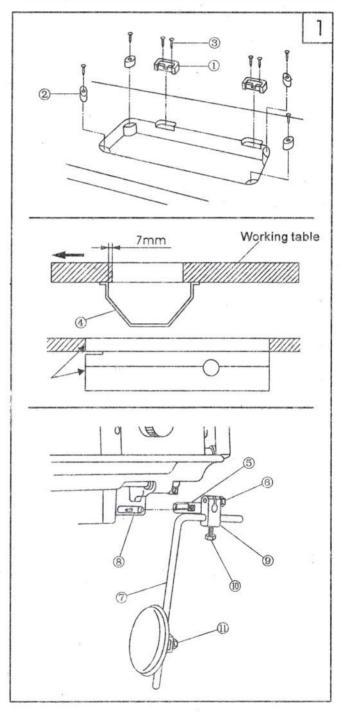
Fix oil pan 4 under the working table by 8 wood screws as per illustration.

3. Install knee lift connector ⑤, crank ⑨ and lever ⑦ to the knee lift shaft ⑧ properly.

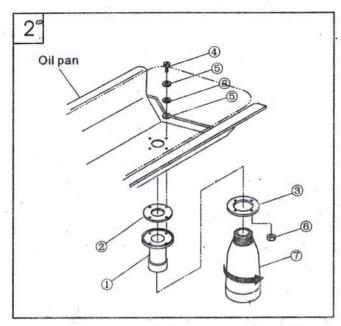
4. Adjust the position of the cushion by screw ⑥, ⑩ and ⑪

### 2. Main specifications

Applications	Medium and heavy weight materials	
Max sewing speed	2500 s.p.m	
Max stitch length	9mm	
Needle bar stroke	36mm	
Needle	DP×17(Nm125~Nm180) 24#	
Lubrication	Oil wick (Rotating hook self oiled)	
Rotating hook	Self oiled big rotating hook	
Presser foot lift height	9mm by hand, 16mm by knee	
Motor power	370W	



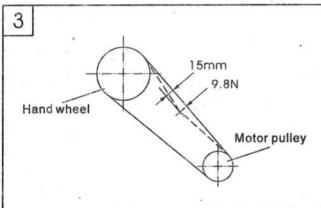
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### 4. Setting the waste oil collector (Fig.2)

1.Install oil bolt ①, oil seal ②and washer ③ to the oil pan. Put spacer ⑤, wahser ⑦ onto screw ④ and fix them with screw ⑥

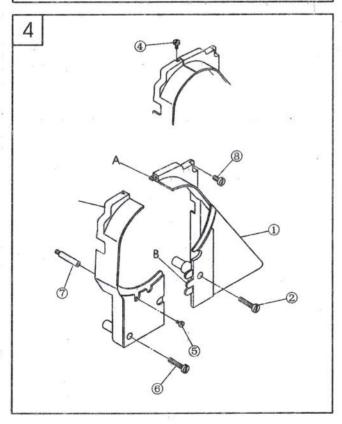
2.Screw oil pot 7 up to the oil bolt 1.



### 5. Tension of belt (Fig.3)

Adjust the height of motor to regulate the tension of belt. Press the center of belt with a force of 9.8 N, displacement should be 15mm, that means tension is proper.

Note: Turn off the power and make sure the motor stopped before regulation.



### 6. Installing the belt cover (Fig.4)

- 1. Screw the belt cover supporting pole into the screw hole.
- 2.Install belt cover ① to the machine head by setscrew ② and ⑧.
- 3.Set belt cover 3 to A and B in cover 1.
- 4. Fix belt cover 3 by setscrew 4, 5 and 6.

Note: After installation, make sure the belt cover doesn't touch the belt and handwheel.

### 7. Lubrication (Fig.5)

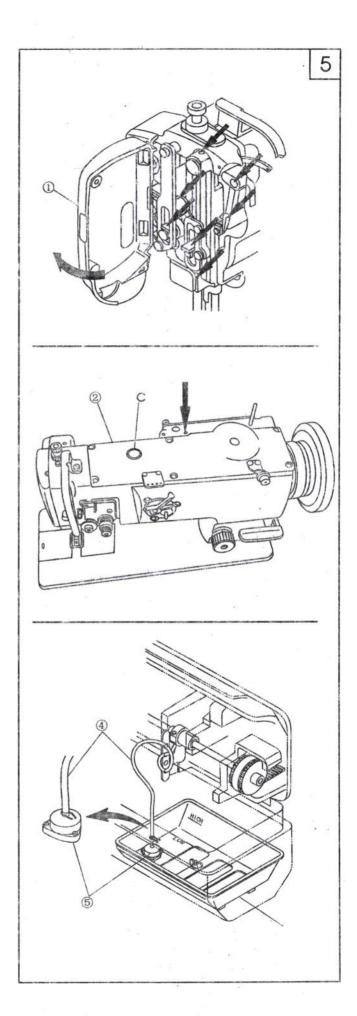
- 1.Lubrication in the face plate
- 1). Remove face plate screw.
- 2). Open face plate ① as per illustration.
- 3). Drip oils to positions signed by arrow.
- 4). Close the face plate.
- 5). Tighten the screw.

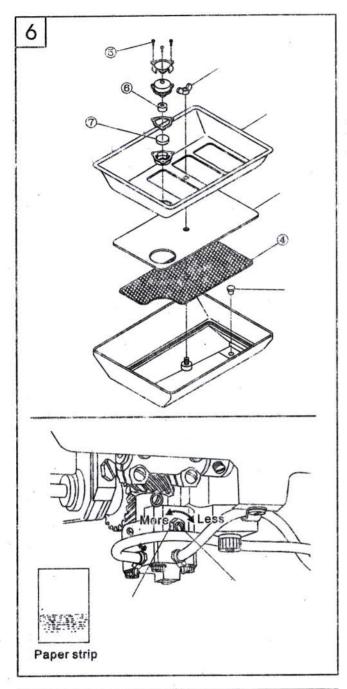
#### 2.Lubrication in the arm

- 1). Drip oils to the signed position everyday.
- 2). Oil the machine before its' Initial running or after a long time idle at signed point and, remove top cover 2, drip oils to all felts and wicks inside the arm.

3.Small oil pan

- 1). Insert small oil pan 3 into the oil pan, with the projecting position into the waste oil hole.
- 2). Insert oil tube 4 into filter 5 in the small oil pan and fasten by clip.
- 3). Infuse sewing machine oil into small oil pan to the mark of HIGH.
- 4). Replenish oil in time when oil level is below LOW mark.
- 5). Run the sewing machine after replenishment, oil should be viewed moving in the oil window C when sewing speed is over 1500rpm.





### 8. Cleaning the small oil pan (Fig.6)

1.Remove oil tube off the small oil pan.

2. Take off screw ①, tray ②, filter ③ and supporter

(4), clean the small oil pan.

3.Remove screw (5), clean filter element (6) and magnet 7.

4. Taxe off plug (8) from small oil pan to discard waste oil and insert the plug (8). Oil shoud be drained before taking out the small oil pan.

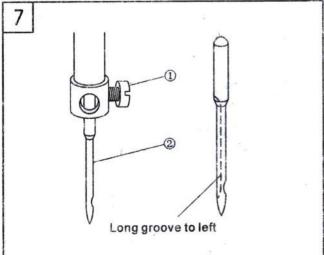
5. Put filter element (6) and magnet (7) into the case and fix on tray ② with screw ⑤.

6. Then put supporter 4, filter 3 and tray 2 back in sequence, fix them with screw ① on the small

7.Insert oil tube into the small oil pan and fix with clip.

8.Loosen screw @ to regulate oil of rotating hook by turning screw 9. Turn clockwise to reduce oil. counterclockwise to increase oil.

9.Hold a paper strip close to the rotating hook for 5 seconds, oil sprays as in the illustration shows oil is proper in the hook.



### Setting the sewing needle (Fig.7)

1. Turn the handwheel to raise the needle bar to its' highest point.

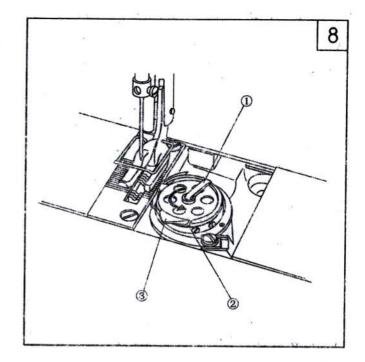
2.Loosen setscrew 2 and have the long groove in the needle 1 face leftward.

3.Insert needle fully.

4. Tighten setscrew 2.

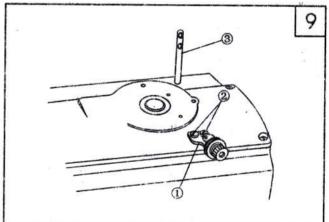
### 10. Threading the bobbin (Fig.8)

- 1.Lift latch ① and take out the bobbin.
- 2.Insert bobbin correctly and close the latch.
- 3.Draw thread through slot 2, under horn 3 and tension spring.
- 4.Bobbin should turns in direction of the arrow when you draw the thread.



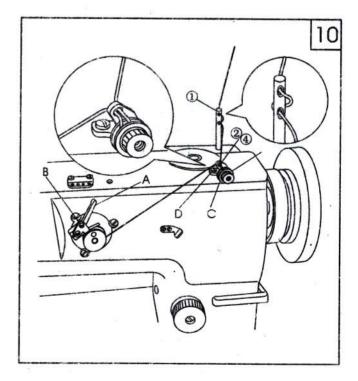
### 11. Installing the thread winding guide (Fig.9)

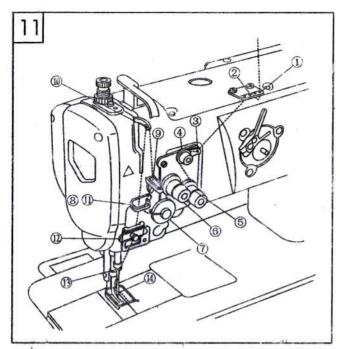
- 1.Mount winding guide ① onto the top cover with setscrew ②.
- 2.Insert thread finger onto the machine head.



### 12. Winding bobbin thread (Fig.10)

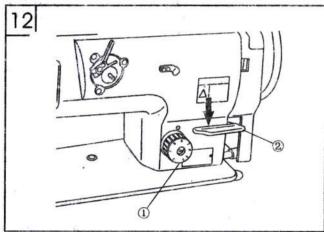
- 1. Thread in sequence ① ~④, then coil around the bobbin several circles to fix.
- 2.Press latch A.
- 3.Loosen screw B to adjust the latch to get the proper thread winding, 80% of the bobbin capacity.
- 4.If thread wound unevenly, move guide C to regulate and fasten with screw D.
- 5.Latch get ungeared and finish winding auto matically.





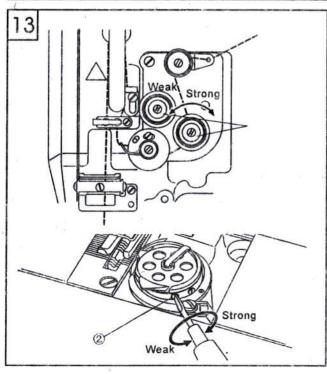
### 13. Threading the needle (Fig.11)

Thread in sequence as per the illustration.



# 14. Stitch length (Fig.12)

Turn the stitch regulating dial ① leftward or rightward to get your required stitch length. Press reverse lever ② to start reverse sewing, loose it to restore normal powing.



## 15. Thread tension (Fig.13)

- 1. Tension of upper thread
  Turn the tension nuts ① clockwise to increase
  upper thread tension, counterclockwise to
  reduce the tension.
- 2.Tension of bobbin thread Turn the tension nut ② clockwise to increase bobbin thread tension, counterclockwise to reduce the tension.

### 16. Adjusting thread take-up spring (Fig.14)

1.To change the take-up spring swing range a.Loosen setscrew ② and move plate ③ to adjust the take-up spring.

b.Move plate ③ rightward to increase take-up spring swing range, leftward to reduce swing range.

2.To change the rigidity of take-up spring Loosen nut ④, turn shaft ⑤ counterclockwise to increase rigidity, clockwise to reduce.

### 17. Presser foot lift (Fig.15)

1.Stop the presser foot at its' upper motion. Raise the foot lift lever ① as illustration. The presser foot rises 9mm then stop.

2.Lower the lift lever 1 to restore the presser foot.



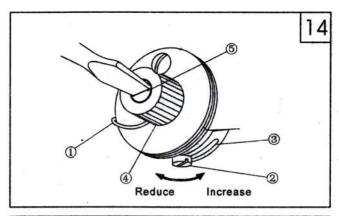
Turn the regulating bolt ① rightward to increase the pressure, counterclockwise to reduce. Tighten nut ② after adjustment.

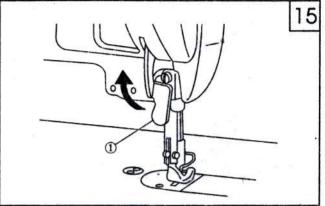
### 19. Adjusting needle guard plate (Fig.17)

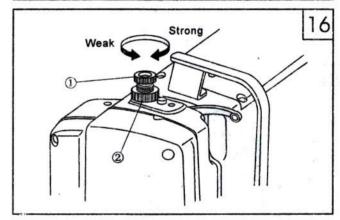
Check the position of needle guard plate after change the rotating hook. The standard position of the guard plate ② is 0.1~0.2mm against needle ①. If the clearance is unproper, bend the guard plate to adjust.

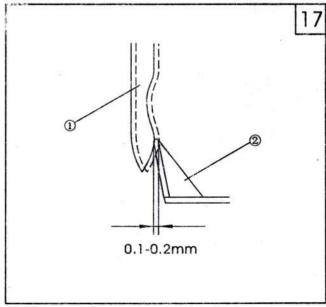
1.To bend the guard plate inward, insert a screwdriver outside.

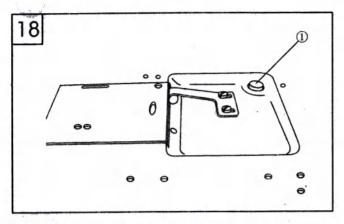
2.To bend the guard plate outward, insert a screwdriver inside of the plate.

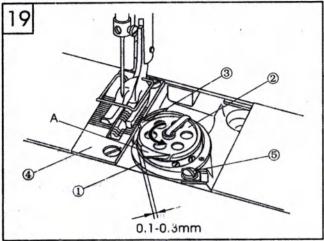


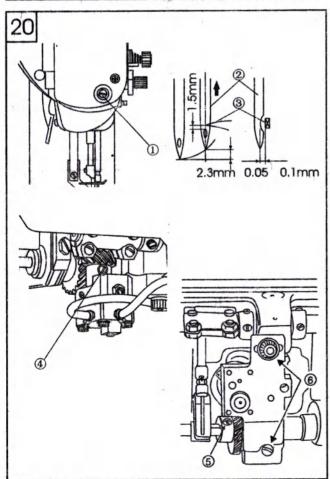












### 20. Reset of safety clutch (Fig.18)

In case the rotating hook applied with a strong force during operation because of thread jamed inside of hook, to protect the hook and the teeth belt from damage, the safety clutch start working. The rotating hook stop rotating even the handwheel is turning. Check the machine and resolve the problem, then reset the safety clutch. 1. Presse down pushbutton ① in the machine head bed, Firmly turn the handwheel reversely at the same time.

2. When a cluck sound is heard, the safety clutch is reset successfully.

### 21. Adjusting hook thread opener (Fig.19)

1. Turn the handwheel in normal direction to move the thead opener to it's ultimate position. 2. Turn the bobbin case ② in direction pointed with arrow, to make stopper 3 (the projection part) against the notch in the needle plate 4. 3.Loosen opener setscrew (5), adjust untill the clearance between horn A and the opener is 0.1~0.3mm.

### 22. Timing between needle and rotating hook (Fig.20)

1. Turn the stitch regulating dial to 0.

2. Turn the handwheel to raise needle bar by .

2.3mm from its' lowest point. Loosen needle bar joint screw 1, adjust and make top of the needle hole is 1.5mm from the hook tip. Tighten screw 1.

3. Turn the handwheel to raise needle bar by

2.3mm from its' lowest point. Adjust and make the hook tip at the center of the needle axis. Tighten the 2 gear(small) setscrew s4, with the V-screw align with the V-notch of the hook shaft. 4. With the hook tip 3 aligned with needle 2 axis, loosen the hook shaft saddle setscrew 6 and regulate its' position leftward or rightward to make clearance between hook tip and needle is 0.05~0.1mm. Tighten screw 6.

5.Loosen the 2 gear(big) setscrews 5, move gear(big) left or rightward to make hook tip3 aligned with needle 2 axis. Tighten setscrews 5. with the 1st screw aligned with the flat notch of

the lower shaft.

### 23. Alternating lift amount of presser feet (Fig.21)

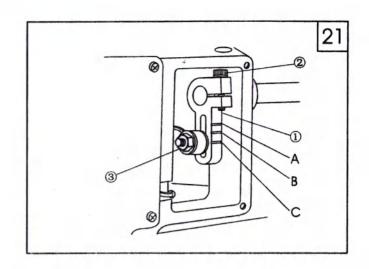
Generally, for sewing of materials of different quality or thickness, you can adjust alternating lift amount of presser feet by moving upper feed crank ① up or down within the range of the slot to get the best possible stitches. Move the crank up to increase alternating lift amount, move down to reduce.

Tighten nut 3 after adjusting.

In case the lift amounts of the 2 feet is different, move the 2 feet to align with the needle plate surface, then loosen crank setscrew 2. Turn the handwheel in normal direction and tighten screw 2, the lift amount of big foot get bigger and small foot get smaller. Turn the handwheel reversely, the lift amount of small foot get bigger and big foot get smaller. Remove the right side of the window plate, the upper

feed crank (1) can be observed.

Presser feet alter	nating lift amount
Mark A	. 5mm
Mark B	4mm
Mark C	3mm



### 24. Settings for different speeds

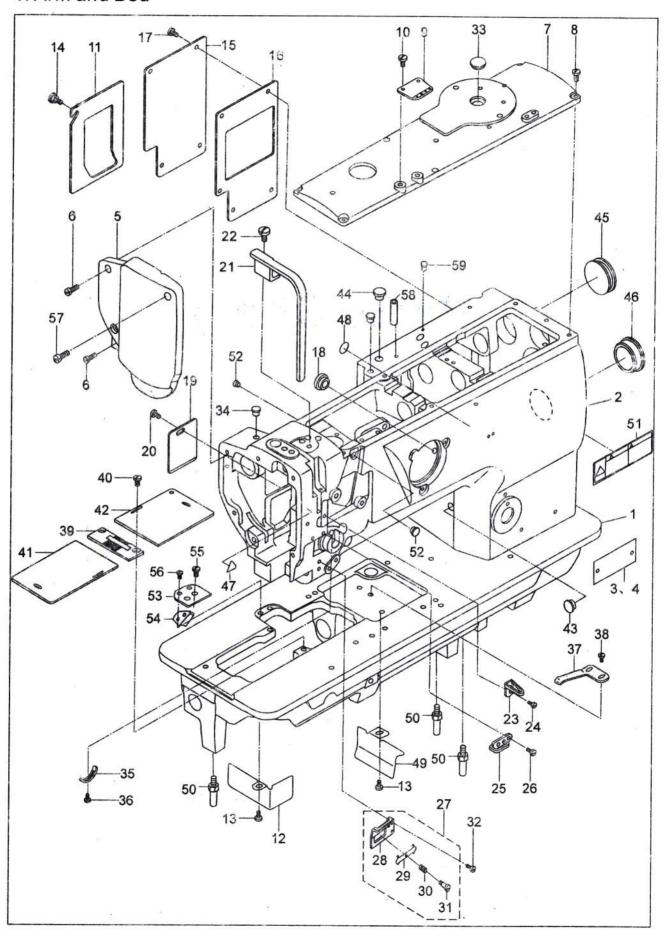
Iternating lift amount Stitch < 6mm		6mm< Stitch <9mm	
Less than 3mm	2,500rpm	2,000rpm	
3~4mm	2,000rpm	2,000rpm	
4~6.5mm	1,600rpm	1,600rpm	

Make proper settings for different speeds accordingly. Do not supass the standard.

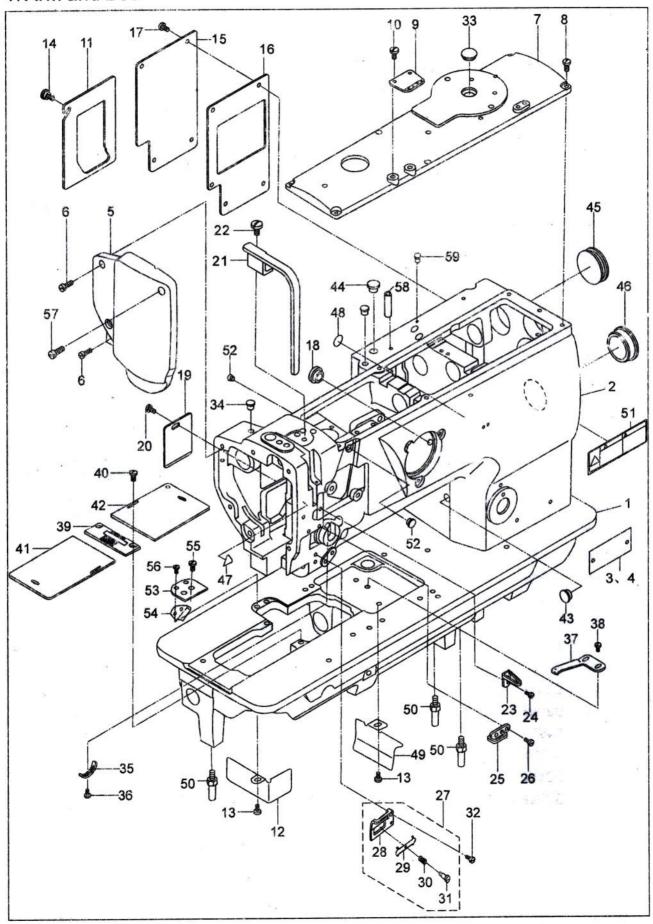
### 25. Troubleshooting

Trouble	Possible cause	Solution
1.Thread breaking (2~3mm thread left on the cloth)	1. Damage on the rotating hook slots, needle point, hook tip and needle plate 2. Needle thread too tight 3. Collision between needle and rotating hook 4. Rotating hook oiled insufficiently 5. Needle thread too loose 6. Thread take-up spring too rigid 7. Too fast or slow timing of rotating hook and needle	Polish the damaged position, thorns with sand paper or rasp     Weaken the needle thread tension     Refer to 22. Timing between needle and rotating hook     Adjust oil amount (7. Lubrication)     Increase the needle thread tension     Reduce the rigidity of take-up spring     Refer to 22. Timing between needle and rotating hook
2. Skipped stitch	Too fast or slow timing of rotating hook and needle     Presser foot pressure too weak     Clearance between the top of needle hole and the rotating hook tip not proper     Wrong needle	Refer to 22. Timing between needle and rotating hook     Tighten the pressure adjusting bolt     Refer to 22. Timing between needle and rotating hook     Replace the needle with correct one
3. Loose stitch	1. Bobbin thread doesn't pass under the tension spring of the bobbin case 2. Roughness on the rotating hook 3. Bobbin stop rotating 4. Bobbin thread too loose 5. Bobbin thread too tight 6. Damage of the needle point	1. Refer to 10. Threading the bobbin 2. Polish with sand paper or rasp 3. Replace bobbin or rotating hook 4. Increase the bobbin thread tension 5. Reduce the bobbin thread tension 6. Replace the needle

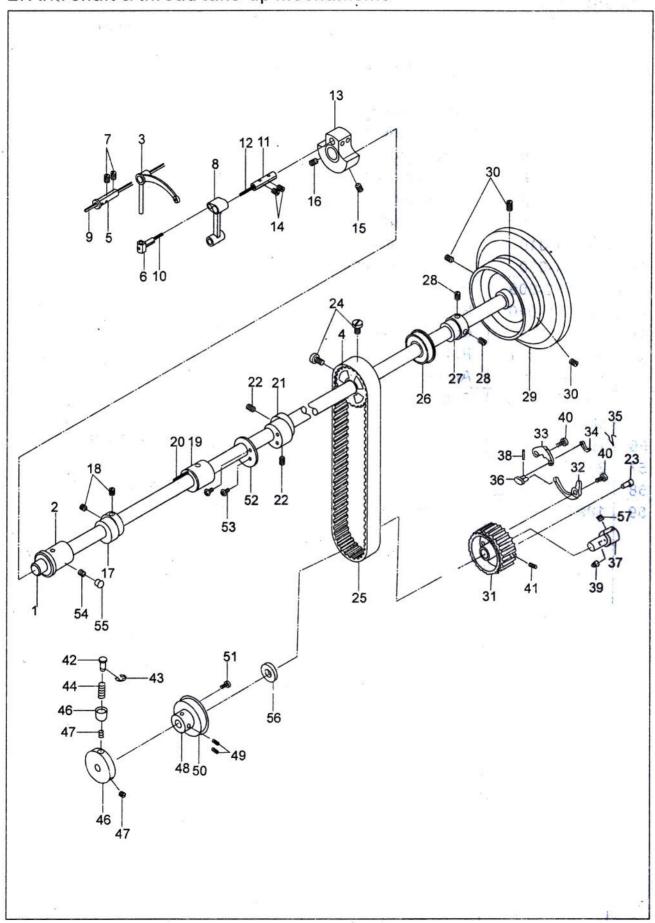
# **PARTS CHART**



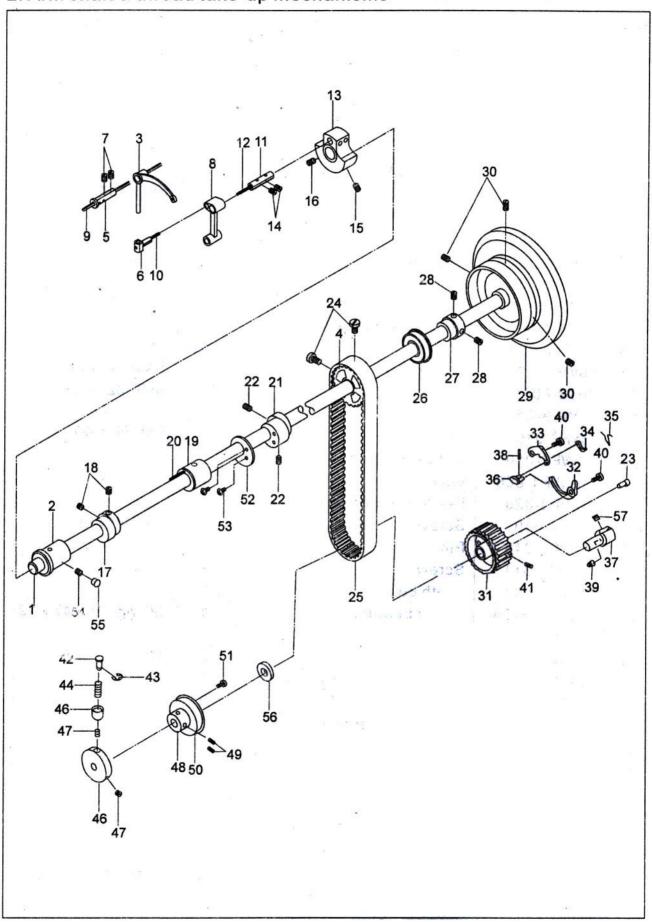
No.	Part Number	Name	Qt.	Remark
.1	199WF2-001	Bed	1	
2	119WF2-016	Arm	1	
3	199WF2-002A	Model plate	1	
4	199WF2-002B	Model plate	1	· ·
5	92WF2-003	Face plate assy	1	
6	1WF5-039	Screw	2	
7	92WF2-009	Top cover	1	
8	21WF4-047	Screw	6	SM11/64"×40
9	199WF2-017	Upper thread guide	1	
10	21WF1-062	Screw	1	SM3/16"×32
11	92WF2-007	Side cover	1	
12	199WF2-003	Cover	1	2:
13	21WF4-047	Screw	2	SM11/64"×40
14	92WF2-008	Screw	1	
15	92WF3-005	Back cover	1_1_	
16	92WF2-006	Packing	1	
17	1WF1-011	Screw	5	SM11/64"×40
18	92WF2-030	Rubber plug	2	* *
19	92WF2-011	Small cover	1	
20	1WF1-011	Screw	1	SM11/64"×40
21	92WF2-004	Thread take-up lever cover	1	
22	13WF2-045	Screw	1	SM15/64"×28
23	92WF2-013	Thread guide	1	
24	36WF1-016	Screw	1	SM9/64"×40
25	92WF2-014	Thread guide	1	1
26	1WF1-007	Screw	2	SM9/64"×40
27	92WF2-015	Lower thread guide assy	1	At .
28	92WF2-015A	Thread guide	1	
29	92WF2-015B	Plate	1	K
30	92WF2-015C	Spring	11	
31	92WF2-015D	Screw	1	SM9/64"×40
32	1WF1-007	Screw	1	SM9/64"×40
33	17WF1-009	Rubber plug	1	
34	92WF2-029	Rubber plug	2	9.55
35	50WF2-022	Plate for take-up spring	1	190 (90)
36	1WF1-026	Screw	1	SM9/64"×40
37	199WF2-004	Leafspring	1	
38	2KT5-005	Screw	2	SM11/64"×40
		8 2		



No.	Part Number	Name	Qt.	Remark
20	1000//50 005	Noodla plata	. 1	0
39	199WF2-005	Needle plate	88 3	
40	199WF2-006 199WF2-007	Screw Sliding plate (L)	2	
41	199WF2-007	Sliding plate (R)	1	
42	92WF2-008	Rubber plug	1	3 3
44	92WF2-028	Rubber plug	1	
45	92WF2-028	Rubber plug	1	
46	92WF2-032	Rubber plug	1	
47	59WF1-010	Caution mark	1	9
48	21WF4-050	Ground wire mark	1	2 (
49	199WF2-009	Oil shield	1	
50	199WF2-010	Screw	3	
51	1KT1-005	Caution label	1	
52	199WF2-011	Rubber plug	2	<i>3</i>
53	199WF2-012	Auxiliary cover	1	
54	199WF2-013	Supporter	1	
55	50WF2-031	Screw	2	
56	199WF2-014	Screw	2	SM9/64"×40
57	26210	Screw	1	SM15/64"×28
58	1	Pin	1	GB/T 879.1 4.5×20
59	199WF2-015	Rubber plug	2	4
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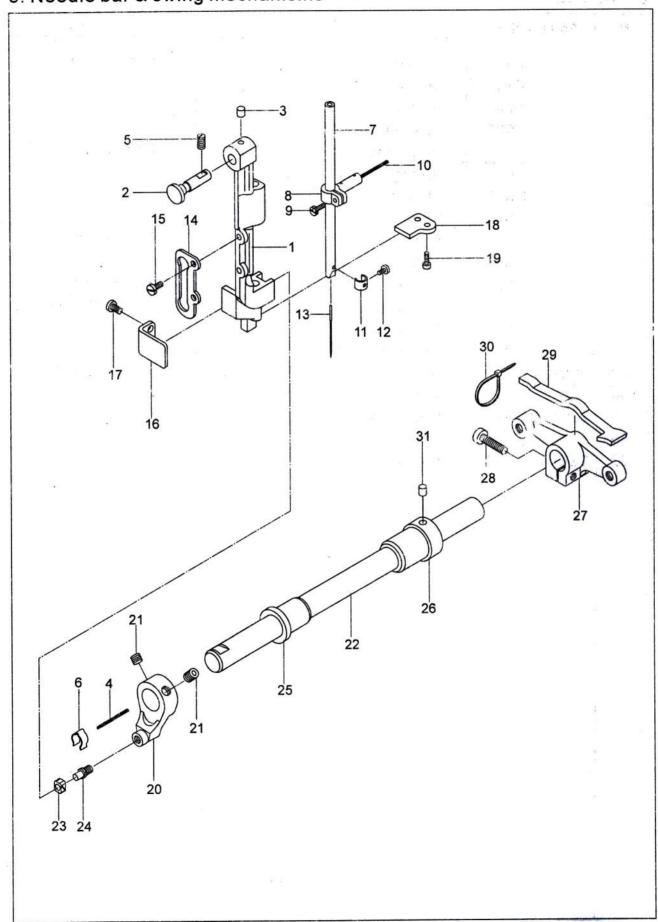


No.	Part Number	Name	Qt.	Remark
1	199WF1-051	Arm shaft	1	8
2	92WF1-009	Front bushing, arm shaft	1	
3	199WF1-001	Thread take-up lever	1	25
4	199WF1-002	Synchronized pulley assy	1	
5	16WF1-010	Pin shaft	1	**
6	50WF1-006	Slide block	1	
7	1WF50-019	Screw	2	SM15/64"×28
8	92WF1-006	Needle bar link	1	
9	199WF1-003	Oil wick	1	Φ2.5×450
10	199WF1-004	Oil wick	1	L=30
11	50WF1-008	Pin	1	
12	199WF1-005	Wick	1	Φ7×30
13	92WF1-007	Needle bar crank	1	*
14	1WF5-019	Screw	2	SM15/64"×28
15	50WF1-013	Screw	1	SM9/32"×28
16	20T2-007	Screw	1	SM9/32"×28
17	92WF3-014	Feed cam	1	2
18	1WF2-010	Screw	2	SM1/4"×40
19	92WF1-010	Middle bushing, arm shaft	1	ii ii
20	199WF1-006	Wick	1	Φ2×150
21	92WF3-029	Feed eccentric cam	1	
22	1WF2-010	Screw	2	SM1/4"×40
23	22WF1-015	Pin	1	r <sub>in</sub> :
24	92WF1-014	Screw	2	,
25	92WF1-034	Teeth belt	1	
26	36WF3-019A	Upper bearing	1	50105 25×47×1
27	92WF1-011	Bushing	1	2
28	57WF-009	Screw	2	M6
29	92WF1-015	Hand wheel	1	
30	42WF3-007	Screw	2	43
31	110WF1-017	Lower synchronized pulley	1	
32	22WF1-013	Leafspring	1	
33	22WF1-018	Stop plate	1	
34	22WF1-016	Stop plate	1	**
35 .	22WF1-014	Twist spring	1	
36	22WF1-017	Link	1	
37	103614	Bushing	1	
38	B225001	Pin	1	GB91-86 1.2×8
100.100		200		5 73555 7 5



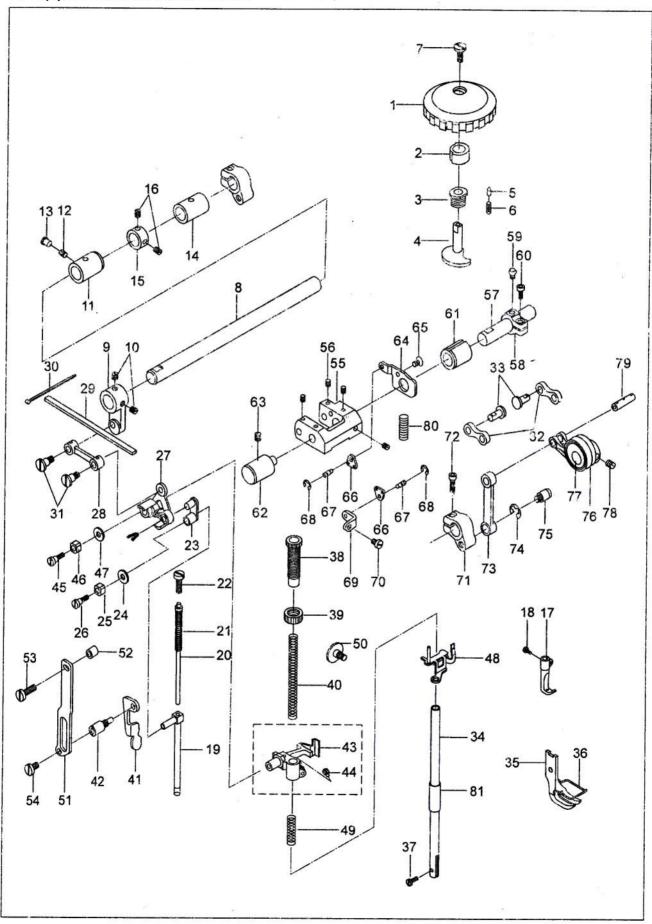
No.	Part Number	Name	Qt.	Remark
39	22WF1-052	Screw	-1	SM1/4"×40
40	22WF1-019	Screw	2	
41	22WF1-020	Screw	2	
42	199WF1-020	Push button	1	
43		Retaining ring	1	GB896 5
44	199WF1-021	Spring	1	
45	199WF1-022	Bushing	1	
46	199WF1-023	Wheel	1	
47	18227	Screw	1	SM1/4"×40
48	199WF1-024	Collar	2	
49	21WF1-022	Screw	1	SM1/4"×40
50		Bearing	2	50104 20×42×12
51	199WF1-025	Screw	1	
52	92WF3-030	Retaining block	2	
53	7WF5-017	Screw	1	SM11/64"×40
54	1WF5-019	Screw	2	SM15/64"×28
55	92WF2-029	Rubber plug	1	*
56	199WF1-026	Washer	2	
57	22WF1-012	Screw	1	
n 124 <sub>2</sub>	100	20 20		
12				
24				
43		2		

# 3. Needle bar & swing mechanisms

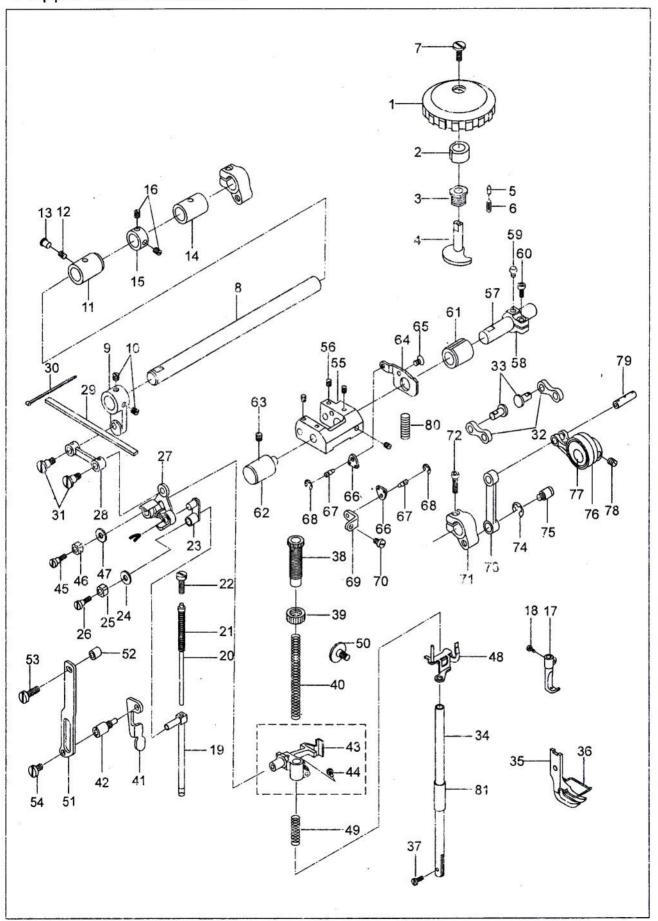


# 3. Needle bar & swing mechanisms

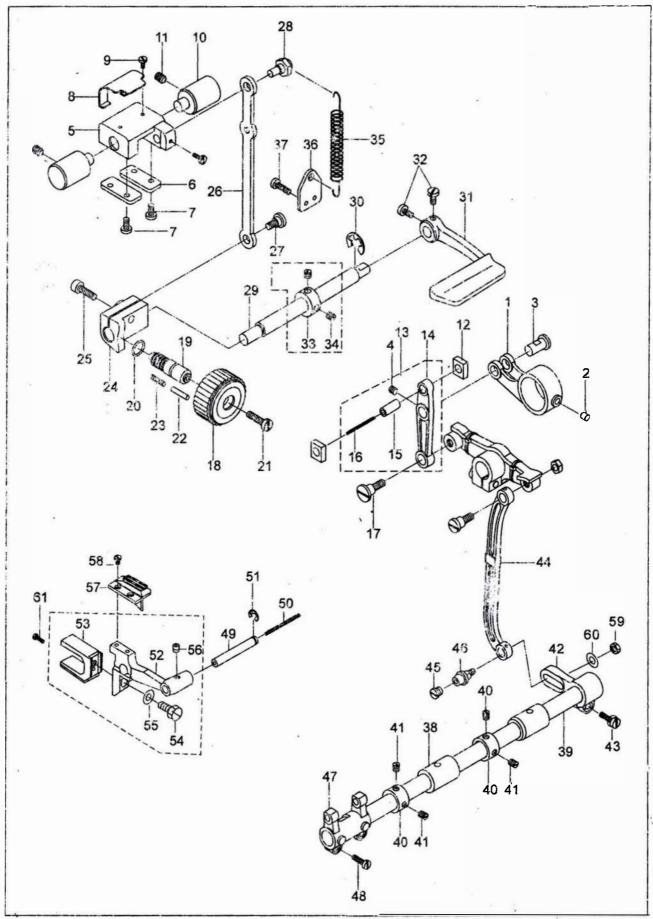
No.	Part Number	Name	· Qt.	Remark
1	92WF3-008	Needle bar rocking bracket	1	9
2	92WF3-009	Pin	1	9
3	92WF3-007	Oil felt	1	5
4	199WF3-001	Oil wick	1	Φ2×160
5	42WF3-007	Screw	1	
6	92WF3-003	Leafspring	1	
7	50WF1-001	Needle bar	1	
8	50WF3-003	Needle bar joint	1	
9	36WF3-029B	Screw	1	
10	199WF3-002	Oil wick	1	Φ6×20
11	92WF1-003	Needle bar thread guide	1	4 10
12	22T2-017	Screw	1	SM1/8"×44
13		Needle	1	DP×17 24#
14	50WF3-030	Guide rail	1	5 p
15	1WF1-011	Screw	2	SM11/64"×40
16	92WF3-011	Position plate	1	
17	W01111	Screw	2	SM11/64"×40
18	92WF3-010	Position plate	1	
19	21WF1-054	Screw	2	SM91/64"×40
20	92WF3-002A	Crank	1	
21	92WF3-070	Screw	2	
22	92WF3-001	Rocking shaft	1	20
23	92WF3-004	Slide block	1	
24	92WF3-002B	Pin	1	an and the second
25	92WF3-005	Front bushing	1	
26	92WF3-006	Rear bushing	1	11
27	92WF3-012	Crank	1	·
28	52WF1-050	Screw	1	
29	92WF3-013	Oil felt	1	
30	2KT-001A	Band	1	
31	92WF3-007	Oil felt	1	
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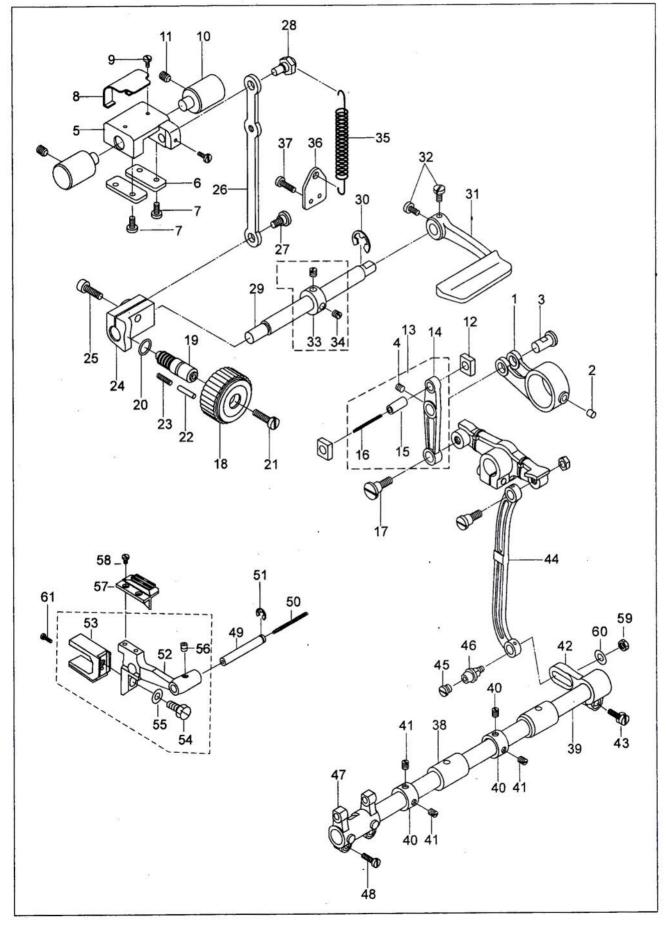
No.	"Part Number	Name	Qt.	Remark
1	119WF7-017A	Dial	1	
2	119WF7-017B	Bushing	1	
3	119WF7-019	Bushing	1	
4	119WF7-018	Shaft	1	20
5	994131	Pin	1	
6	93WF8-002	Spring	1	
7	302395	Screw	1	
8	92WF3-018	Shaft	1	
9	92WF3-019	Crank	1	
10	2KT5-027	Screw	2	SM1/4"×40
11	199WF4-001	Front bushing	1	
12	1WF5-019	Screw	1	SM15/64"×28
13	92WF2-029	Rubber plug	1	500 M
14	92WF3-021	Rear bushing	1	
15	92WF3-022	Collar	1	6
16	22T3-002B2	Screw	2	SM1/4"×40
17	92WF3-023	Walking foot	1	
18	50WF3-020	Screw	1	
19	50WF3-018	Walking foot lifting bar	1	
20	92WF3-024	Spring guide bar assy	1	
21	50WF3-032	Spring	1	
22	6K1-048	Regulating screw	1	SM15/64"×28
23	50WF3-027	Link	1	
24	50WF3-028	Felt	1	
25	50WF3-029	Slide block	1	
26	20T4-006	Screw	1	SM11/64"×40
27	92WF3-025	Lifting plate	1	
28	92WF3-026	Link	1	
29	92WF3-027	Oil felt	1	
30	2KT7-001A	Band	2	
31	92WF3-028	Screw	2	
32	119WF7-011	Link	2	
33	994118	Pin shaft	2	
34	22WF3-005	Presser bar	1	
35	92WF4-001	Presser foot	1	
36	92WF4-002	Finger guard	1	
37	22WF3-014	Screw	1	SM9/64" × 40
38	02WF4-003	Regulating bolt	1	SM1/2"×28
39	1KT4-002	Nut	1	SM1/2"×28
40	92WF4-023	Spring	1	
41	92WF4-004	Foot lift lever	1	
42	92WF4-005	Lift lever shaft	1	



No.	Part Number	Name	Qt.	Remark
43	92WF4-006	Bracket	1	
44	1WF1-011	Screw	1	SM11/64"×40
45	92WF4-007	Screw	1	
46	50WF3-029	Slide block	1	
47	92WF4-008	Washer	1	
48	92WF4-009	Releasing plate	1	
49	50WF4-013	Spring	1	19
50	50WF4-014	Screw	1	
51	92WF4-010	Guide plate	1	
52	92WF4-011	Washer	1	
53	60WF4-003	Screw	1	SM15/64"×28
54	52WF3-027	Screw	1	SM15/64"×28
55	119WF7-001	Adjusting bracket	1	
56	6K2-043	Screw	4	
57	119WF7-003	Shaft	1	
58	119WF7-004	Crank	1	
59	119WF7-005	Screw	1	
60	72WF5-021	Screw	1	
61	119WF7-002	Bushing	1	
62	92WF3-037	Shaft	1	
63	1WF5-019	Screw	1	SM15/64"×28
64	119WF7-012	Retaining plate	1	
65		Screw	1	GB/T819.2 M5×8
66	119WF7-014	Connecting plate	2	
67	119WF7-015	Screw	2	
68		Retaining ring	2	GB896 5
69	119WF7-016	Hanger	1	
70	50WF3-089	Screw	1	100
71	119WF7-009	Crank	1	
72	80WF6-025	Screw	11_	
73	119WF7-008B	Link	1	
74		Retaining ring	1	GB896 8
. 75	119WF7-010	Screw	1	
76	, 119WF7-008A	Link	1	1 .
77	119WF7-007	Needle bearing	1	
78	21WF1-022	Screw	1	
79	119WF7-008C	Pin shaft	1	
80	119WF7-013	Spring	1	
81	50WF4-001	Bushing	1	
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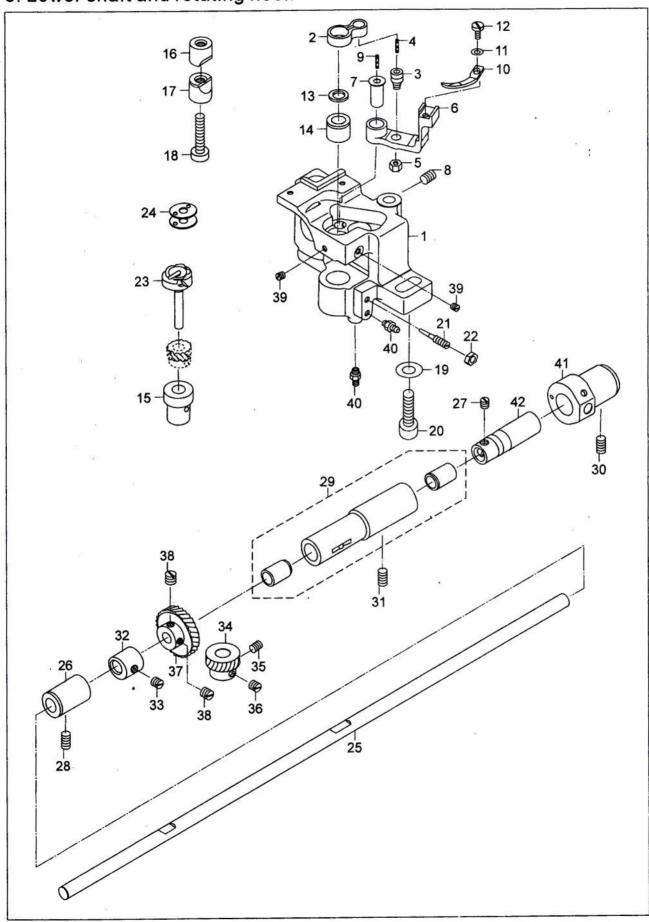


No.	Part Number	Name	Qt.	Remark
1	92WF3-031	Feed link	1	
2	92WF3-032	Oil felt	1	
3	92WF-033	Pin	1	
4	6K2-043	Screw	1	M5
5	92WF3-034	Reverse feed bracket	1 1	
6	92WF3-035	Retaining plate	2	
7	1WF1-011	Screw	4	
8	92WF3-036	Presser plate	1	
9	16WF1-059	Screw	2	SM9/64" × 40
10	92WF3-037	Shaft	2	
11	1WF5-019	Screw	2	SM15/64" × 28
12	92WF3-038	Slide block	2	
13	92WF3-039	Feed rocking bar assy	1	
14	92WF3-039A	Feed rocking bar	1	
15	92WF3-039B	Pin	1	
16	199WF3-003	Oil wick	1	Φ1.5×35
17	92WF3-040	Screw	1	
18	92WF3-041	Stitch regulating dial	1	6
19	92WF3-042	Screw	1	9
20	92WF3-043	Seal ring	1	
21	92WF3-044	Screw	1	SM3/16"×28
22	17WF4-035	Pin	1	
23	50WF3-058	Spring	1	9
24	92WF3-045	Holder	1	
25	6K2-024	Screw	1	М6
26	92WF3-046	Link	1	
27	92WF3-047	Screw	1	
28	92WF3-048	Eccentric pin	1	3.5
29	92WF3-049	Reverse feed lever shaft	1	(8)
30	92WF3-071	Retaining ring	1	GB896 9
31	92WF3-050	Reverse feed lever	1	
32	92WF3-051	Screw	2	
33	92WF3-052	Collar	1	
34	22T3-002B2	Screw	2	SM1/4"×40
35	92WF3-053	Spring	1	September State St
36	92WF3-054	Spring hook	1	
37	1WF3-009	Screw	2	SM11/64"×40
		Feed shaft bushing	2	



No.	Part Number	Name	Qt.	Remark
39	92WF3-055	Feed shaft	1	3
40	92WF3-022	Feed shaft collar	2	
41	22T3-002B2	Screw	4	SM1/4"×40
42	119WF3-001	Driving crank	1	340°0554005160°030647 - 100 - 00250 - (540.000*
43	41WF3-018	Screw	1	SM3/16"×28
44	92WF3-058	Link	1	
45	119WF3-003	Screw	1	ik.
46	119WF3-002	Screw	1	
47	92WF3-060	Feed crank	1	
48	1WF3-009	Screw	2	SM11/64"×40
49	92WF3-061	Pin	1	
50	199WF3-004	Oil wick	1	Φ2.5×120
51	92WF3-072	Retaining ring	1	GB896 5
52	199WF3-005	Feed dog support	1	
53	199WF3-006	Lifting fork	1	
54	42WF1-008	Screw	1	SM15/64 x 28
55	41WF1-009	Washer	1	
56	80WF6-036	Screw	1	<b>1</b> 0)
57	199WF3-007	Feed dog	1	
58	199WF3-008	Screw	2	
59	22WF3-004	Nut	1	
60	71WF3-058	Washer	1	
61	13WF6-008	Screw	1	
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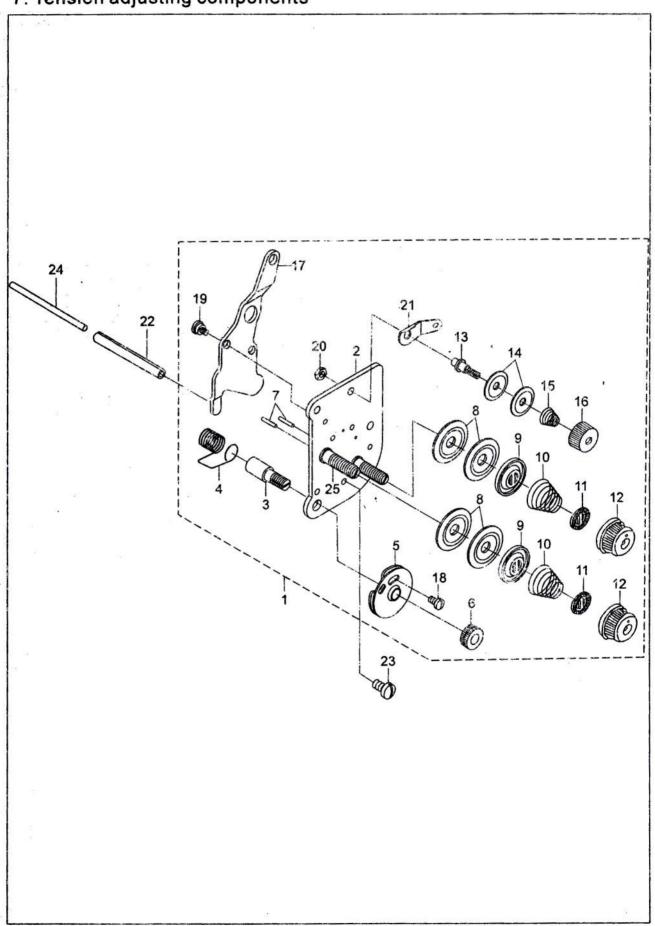
# 6. Lower shaft and rotating hook



# 6. Lower shaft and rotating hook

No.	Part Number	Name	Qt.	Remark
1	199WF1-027	Rotating hook base	1	
2	199WF1-028	Thread opener link	1	
3.	199WF1-029	Pin	1	
4	199WF1-030	Oil wick	1	Φ3×15
5	27WF4-008	Nut	1	
5	199WF1-031	Thread opener supporter	1	
7	199WF1-032	Shaft	1	
8	52WF2-030	Screw	1	SM11/64"×40
9	199WF1033	Oil wick	1	Φ3×20
10	199WF1-034	Thread opener	1	
11	36WF1-042	Washer	1	
12	21WF2-038	Screw	1	SM9/64"×40
13	199WF1-035A		1	ON10704 X40
14	199WF1-036	Upper bushing, rotating hook	1	
15	199WF1-037	Lower bushing, rotating hook	1	
16	199WF1-038	Block A	1	
17	199WF1-039	Block B	. 1	
18	1WF2-060	Bolt	1	
19	199WF1-040	Washer	1	
20	133711-040	Bolt	1	GB/T 70.1 M8×40
21	92WF1-031	Screw	· <del>:</del>	- CONT WOX40
22	27WF4-008	Nut	1	
23	199WF1-041	Rotating hook assy	1	
24	1WF2-065	Bobbin	1	
25	199WF1-042	Lower shaft	1	
26	199WF1-043	Front bushing, lower shaft	<u>'</u>	
27	1WF2-009	Screw	1	SM1/4"×40
	17WF4-016	Screw	1	· ·
28	199WF1-044	Middle bushing assy	1	SM15/64"×28
29		Screw	1	CM15/64" v 00
30	17WF4-016	Screw		SM15/64"×28
31	17WF4-016		1	SM15/64"×28
32	199WF1-045	Feed dog lifting cam Screw	1	0145/04800
33	661012		1	SM15/64"×28
34	199WF1-046	Rotating hook shaft gear	1	CM4/4"40
35	21WF1-033	Screw	1	SM1/4"×40
36	21WF1-043	Screw	1	SM1/4"×40
37	199WF1-047	Lower shaft gear	1	CN4/48 40
38	1WF2-010	Screw	2	SM1/4"×40
39	36WF5-021	Screw	2	SM11/64"×40
40	199WF1-048	Oil tube connector	2	<b></b>
41	199WF1-049	Bushing	1	
42	199WF1-050	Shaft	1	

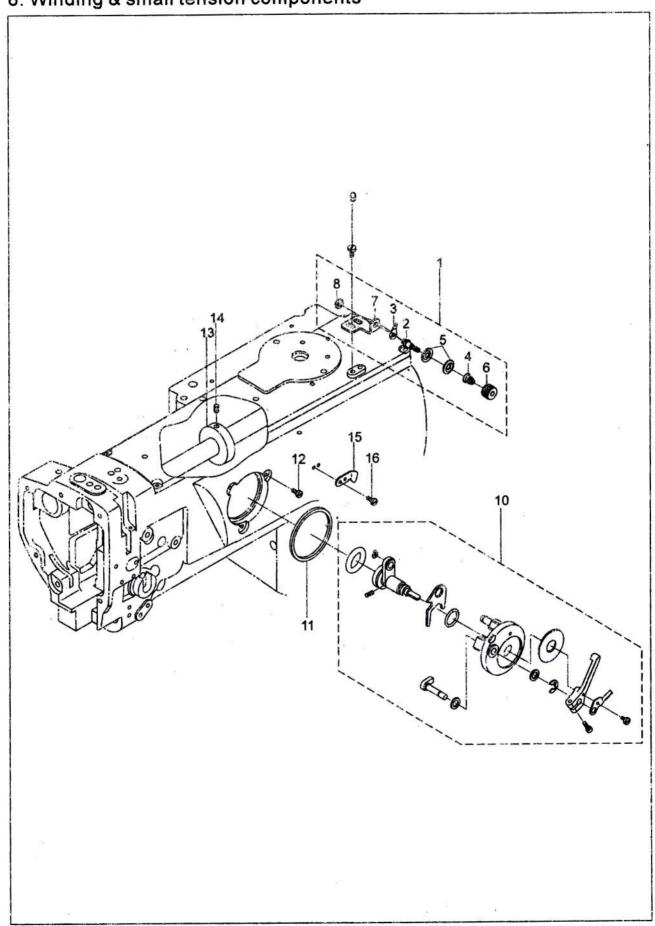
# 7. Tension adjusting components



# 7. Tension adjusting components

No.	Part Number	Name	Qt.	Remark
1	119WF2-005	Thread tenssion assy	1	
2	119WF2-005A	Setting plate	1	
3	92WF2-018C	Thread take-up spring pin	1	
4	92WF2-018B	Thread take-up spring	1	
5	16WF2-046A8	Plate	1	
6	16WF2-046A11	Thumb nut	1	
7	21WF4-024	Thread release pin	1	
8	22T1-012F5	Tension disc	2	3
9	22T1-012F4	Plate .	2	0
10	21WF4-031	Spring	1	
11	153209	Retainer	1	
12	21WF4-030	Nut	1	
13	92WF2-021A1	Bolt	1	
14	50WF2-035A4	Tension disc	2	
15	50WF3-035A3	Spring	1	
16	50WF2-035A5	Thumb nut	1	
17	119WF2-005B	Plate	i	
18	16WF2-046A9	Screw	1	
19	16WF2-046A15	Screw	2	
20	13WF2-052	Nut	1	
21	50WF2-035A2	Thread guide	1	
22		Pin	1	GB/T 879.1 6×50
23	1WF1-011	Screw	1	SM11/64"×40
24	92WF2-020	Pin	1	
25	21WF4-020	Bolt	11_	
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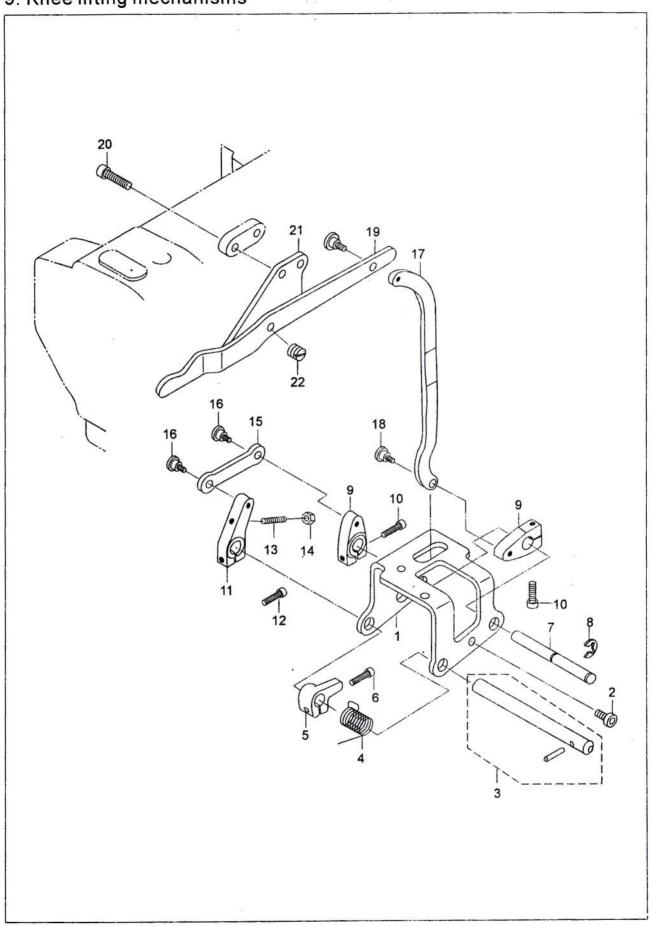
# 8. Winding & small tension components



## 8. Winding & small tension components

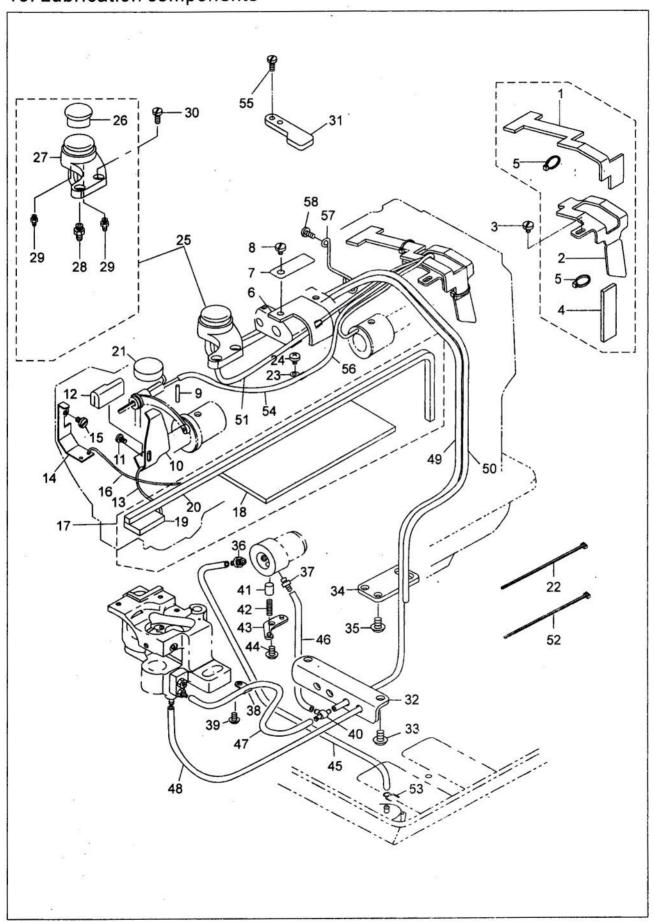
No.	Part Number	Name	Qt.	Remark
1	92WF2-021	Small tension assy	1	
2	92WF2-021A	Bolt	1	
3	50WF2-035A2	Thread guide	1	
4	50WF2-035A3	Spring	1	
5	50WF2-035A4	Tension disc	2	
6	50WF2-035A5	Thumb nut	1	SM11/64"×40
7	92WF2-021B	Setting plate	1	
8	2KT5-026	Nut	1	SM11/64"×40
9	13WF2-040	Screw	2	M4
10	92WF2-025	Thread winding assy	1	
11	92WF2-026	Friction ring	1	
12	92WF2-027	Screw	3	SM11/64"×40
13	92WF2-035	Friction wheel	1	
14	6K2-043	Screw	. 2	73
15	92WF2-036	Cutter	1	#

# 9. Knee lifting mechanisms

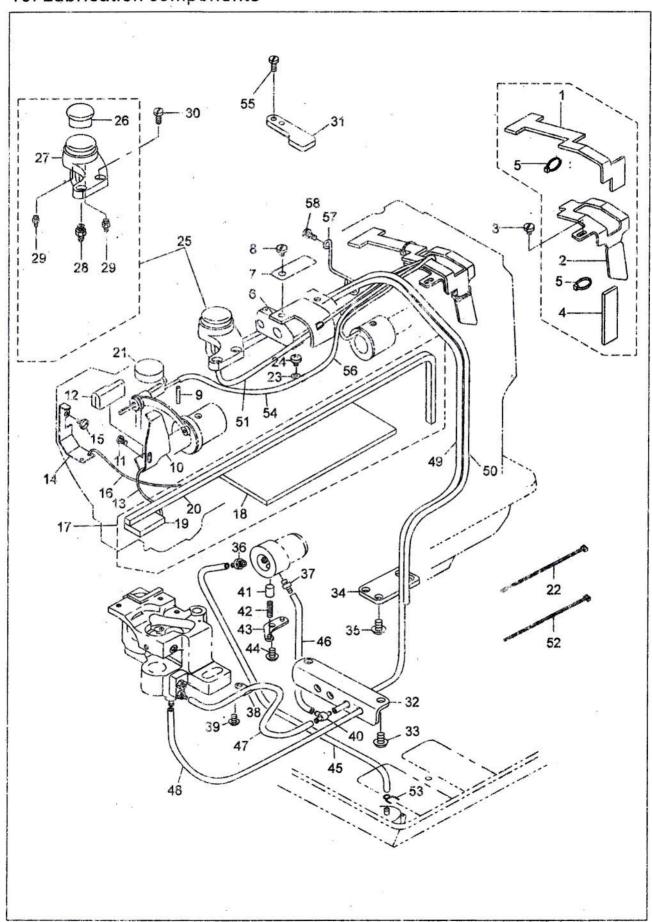


# 9. Knee lifting mechanisms

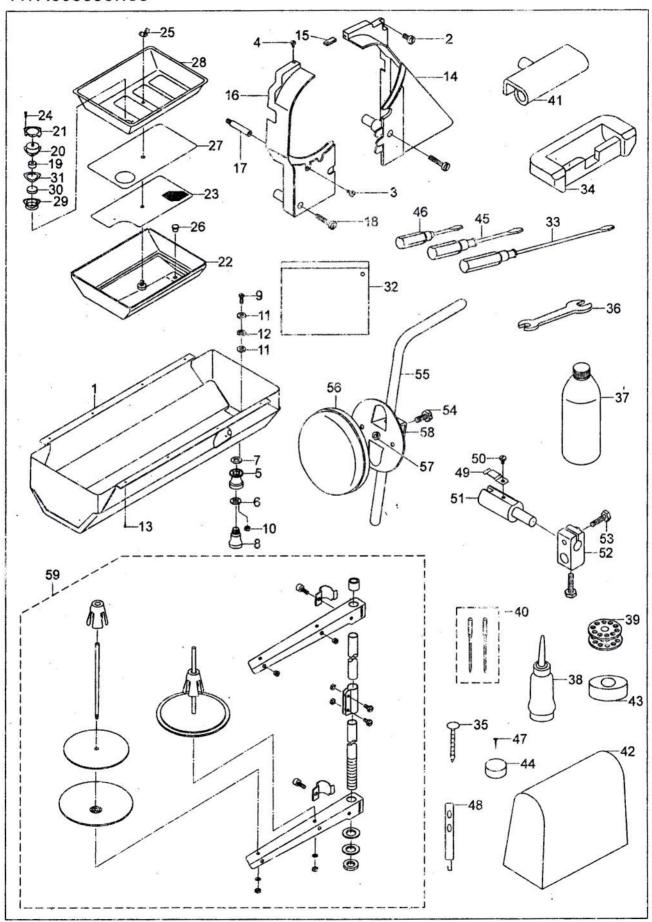
No.	Part Number	Name	Qt.	Remark
1	199WF5-001	Bracket	1	*
2	52WF5-003	Screw	3	M6
3	199WF5-002	Shaft assy	1 1	
4	199WF5-003	Twist spring	1	
5	199WF5-004	Crank	1	
6	B188004	Screw	1	GB70-85 M5×6
7	199WF5-005	Shaft	1	
8	55	Retaining ring	-1	
9	199WF5-006	Crank	2	
10	B188004	Screw	2	GB70-85 M5×6
11	199WF5-007	Driving crank	1	
12	B188004	Screw	1	GB70-85 M5×6
13	199WF5-008	Bolt	1	vanuelindendens på apprilde distributioned 7000
14	72WF5-022	Nut	1	M5
15	199WF5-009	Link	. 1	R
16	92WF4-016	Screw	2	100 Tan
17	199WF5-010	Link	1	a 3
18	92WF4-016	Connecting screw	2	
19	92WF4-013	Knee lift lever	1	· · · · · · · · · · · · · · · · · · ·
20	·72WF-009	Screw	1	W g
21	92WF4-012	Settting plate	1	
22	92WF4-014	Screw	1	
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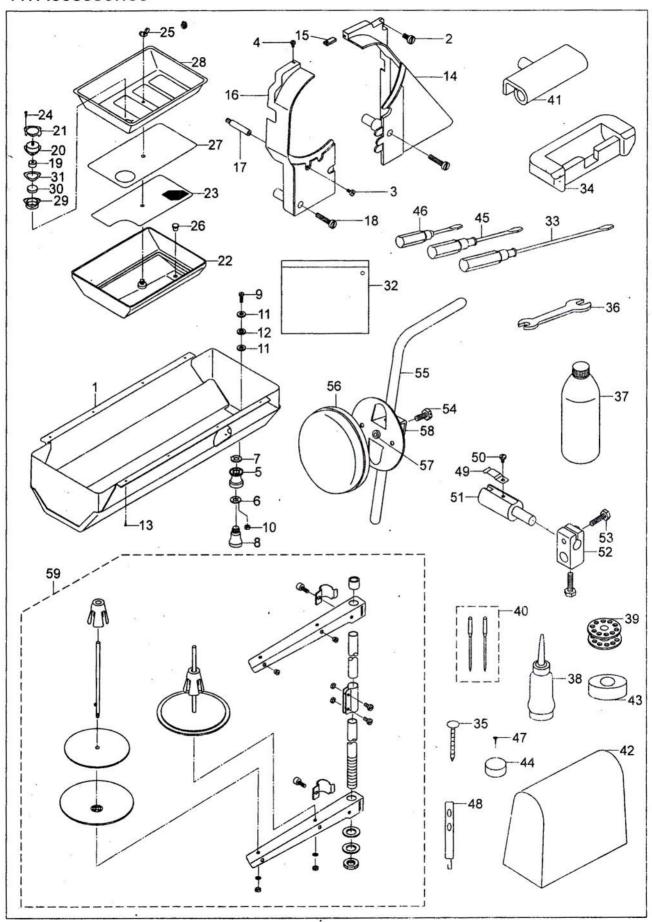
16	No.	Part Number	Name	Qt.	Remark
2   92WF5-002   Bracket   1   SM11/64" x 40	1	92WF5-001	Oil felt	1	27
3 1WF1-011 Screw 1 SM11/64"×40 4 92WF5-003 Oil felt 1 5 2KT7-001A Band 2 6 119WF5-001 Plate 1 8 119WF5-001 Plate 1 9 92WF5-010 Oil felt 1 10 92WF5-011 Oil shield 1 11 16WF1-059 Screw 1 12 92WF5-012 Oil felt 1 13 Oil shield 1 15 36WF1-031D Screw 1 SM11/64"×40 16 Oil wick 1 Ф2×250 17 92WF5-014 Oil shield 1 18 92WF5-014 Oil shield 1 19 92WF5-014 Oil shield 1 10 92WF5-014 Oil shield 1 11 92WF5-014 Oil shield 1 12 92WF5-014 Oil shield 1 15 36WF1-031D Screw 1 SM11/64"×40 16 Oil wick 1 Ф2×250 16 Ifelt assy 1 Pelt 1 19 92WF5-014B Felt 1 19 92WF5-014B Felt 1 20 92WF5-014C Oil wick 1 21 92WF5-009 Felt 1 22 2KT7-0001 Felt 1 23 1WF6-036 Clip 1 24 17WF1-020 Screw 1 SM11/64"×40 25 199WF6-001 Oil box assy 1 26 199WF6-001B Oil box 1 27 199WF6-001B Oil box 1 28 199WF6-001B Oil box 1 29 199WF1-048 Screw 2 SM11/64"×40 31 92WF5-004 Plate 1 32 199WF6-005 Screw 2 SM15/64"×28 34 199WF6-005 Screw 2 SM15/64"×28 36 199WF6-005 Connector 1 37 199WF1-048 Connector 1 38 27WF5-005 Screw 2 SM15/64"×28 36 199WF6-005 Connector 1		- 2010/01/01/01/01/01 2009 - 2009/01/01/01/01	######################################	1	. 0
4 92WF5-003 Oil felt 1 5 2KT7-001A Band 2 6 119WF5-003 Oil felt 1 7 119WF5-001 Plate 1 8 119WF5-002 Screw 1 9 92WF5-010 Oil felt 1 10 92WF5-011 Oil shield 1 11 16WF1-059 Screw 1 12 92WF5-012 Oil felt 1 13 Oil wick 1 Φ2×250 14 92WF5-013 Oil shield 1 15 36WF1-031D Screw 1 SM11/64"×40 16 Oil wick 1 Φ2×250 17 92WF5-014 Oil felt 3 18 92WF5-014 Oil felt 3 19 92WF5-014 Felt 1 20 92WF5-014B Felt 1 21 92WF5-014C Oil wick 1 21 92WF5-009 Feit 1 22 2KT7-001A Band 1 23 1WF6-036 Clip 1 24 17WF1-020 Screw 1 SM11/64"×40 25 199WF6-001 Oil box assy 1 26 199WF6-001A Oil window 1 27 199WF6-001B Oil box 1 28 199WF6-001B Oil box 1 29 199WF1-048 Connector 2 30 1WF5-042 Screw 2 SM11/64"×40 31 92WF5-005 Screw 2 SM15/64"×28 34 199WF6-005 Screw 2 SM15/64"×28 36 199WF6-005 Connector 1 37 199WF1-048 Connector 1				1	SM11/64"×40
5         2KT7-001A         Band         2           6         119WF5-003         Oil felt         1           7         119WF5-001         Plate         1           8         119WF5-002         Screw         1           9         92WF5-010         Oil felt         1           10         92WF5-011         Oil shield         1           11         16WF1-059         Screw         1         SM9/64*×40           12         92WF5-012         Oil felt         1         0           13         Oil wick         1         Ф2×250           14         92WF5-012         Oil shield         1         SM11/64*×40           15         36WF1-031D         Screw         1         SM11/64*×40           16         Oil wick         1         Φ2×250           18         92WF5-014         Felt         1         Φ2×250           18         92WF5-014         Felt         1         D2×250           18         92WF5-014B         Felt         1         1         Φ2×250           2         2KT7-001A         Band         1         1         C         2         S         1         M1/64*×40		8	1000000 9s 1000	1	
6         119WF5-003         Oil felt         1           7         119WF5-001         Plate         1           8         119WF5-002         Screw         1           9         92WF5-010         Oil felt         1           10         92WF5-011         Oil shield         1           11         16WF1-059         Screw         1         SM9/64"×40           12         92WF5-012         Oil felt         1         D           12         92WF5-012         Oil felt         1         D         2×250           14         92WF5-013         Oil wick         1         D         2×250           15         36WF1-031D         Screw         1         SM11/64"×40           16         Oil wick         1         D         2×250           17         92WF5-014A         Felt         1         D         2×250           18         92WF5-014B         Felt         1         D         2×250         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D         D				2	
7 119WF5-001 Plate 1 1 8 119WF5-002 Screw 1 1 9 92WF5-010 Oil felt 1 1 1 16WF1-059 Screw 1 1 92WF5-012 Oil felt 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			Oil felt	1	
9 92WF5-010 Oil felt 1 10 92WF5-011 Oil shield 1 11 16WF1-059 Screw 1 SM9/64*×40 12 92WF5-012 Oil felt 1 13 Oil wick 1 Φ2×250 14 92WF5-013 Oil shield 1 15 36WF1-031D Screw 1 SM11/64*×40 16 Oil wick 1 Φ2×250 17 92WF5-014 Oil felt assy 1 18 92WF5-014A Felt 1 19 92WF5-014B Felt 1 20 92WF5-014C Oil wick 1 21 92WF5-014C Oil wick 1 22 2KT7-001A Band 1 23 1WF6-036 Clip 1 24 17WF1-020 Screw 1 SM11/64*×40 25 199WF6-001 Oil box assy 1 26 199WF6-001B Oil wick 1 27 199WF6-001B Oil box 1 28 199WF6-001B Connector 1 29 199WF1-048 Connector 2 30 1WF5-042 Screw 2 SM11/64*×40 31 92WF5-004 Plate 1 32 199WF6-003 Bracket 1 33 27WF5-005 Screw 2 SM15/64*×28 36 199WF6-005 Connector 1 37 199WF6-005 Connector 1 37 199WF6-005 Connector 1 38 27WF5-005 Screw 2 SM15/64*×28 36 199WF6-005 Connector 1 37 199WF1-048 Connector 1		119WF5-001	Plate	1	
10         92WF5-011         Oil shield         1           11         16WF1-059         Screw         1         SM9/64" × 40           12         92WF5-012         Oil felt         1         Φ2 × 250           14         92WF5-013         Oil shield         1         Φ2 × 250           14         92WF5-013         Screw         1         SM11/64" × 40           16         Oil wick         1         Φ2 × 250           17         92WF5-014         Oil felt assy         1           18         92WF5-014A         Felt         1           19         92WF5-014B         Felt         1           20         92WF5-014C         Oil wick         1           21         92WF5-014C         Oil wick         1           21         92WF5-001A         Band         1           22         2KT7-001A         Band         1           23         1WF6-036         Clip         1           24         17WF1-020         Screw         1           25         199WF6-001B         Oil box         1           26         199WF6-001B         Connector         2           30         1WF5-042	8	119WF5-002	Screw	1	
11 16WF1-059 Screw 1 SM9/64" × 40 12 92WF5-012 Oil felt 1 13 Oil wick 1 Φ2 × 250 14 92WF5-013 Oil shield 1 15 36WF1-031D Screw 1 SM11/64" × 40 16 Oil wick 1 Φ2 × 250 17 92WF5-014 Oil felt assy 1 18 92WF5-014A Felt 1 19 92WF5-014B Felt 1 20 92WF5-014C Oil wick 1 21 92WF5-009 Felt 1 22 2KT7-001A Band 1 23 1WF6-036 Clip 1 24 17WF1-020 Screw 1 SM11/64" × 40 25 199WF6-001 Oil box assy 1 26 199WF6-001B Oil box 0 27 199WF6-001B Oil box 0 28 199WF6-002 Connector 1 29 199WF1-048 Screw 2 SM11/64" × 40 31 92WF5-004 Plate 1 32 199WF6-003 Bracket 1 33 27WF5-005 Screw 2 SM15/64" × 28 34 199WF6-004 Supporter 1 35 27WF5-005 Screw 2 SM15/64" × 28 36 199WF6-005 Connector 1 37 199WF1-048 Connector 1 37 199WF1-048 Connector 1	9	92WF5-010	Oil felt	1	
12 92WF5-012 Oil felt	10	92WF5-011	Oil shield	1	
13	11	16WF1-059	Screw	1	SM9/64"×40
14 92WF5-013 Oil shield 1 15 36WF1-031D Screw 1 SM11/64"×40 16 Oil wick 1 Φ2×250 17 92WF5-014 Oil felt assy 1 18 92WF5-014A Felt 1 19 92WF5-014B Felt 1 20 92WF5-014C Oil wick 1 21 92WF5-014C Oil wick 1 22 2KT7-001A Band 1 23 1WF6-036 Clip 1 24 17WF1-020 Screw 1 SM11/64"×40 25 199WF6-001 Oil box assy 1 26 199WF6-001A Oil window 1 27 199WF6-001B Oil box 1 28 199WF6-002 Connector 1 29 199WF1-04B Screw 2 SM11/64"×40 31 92WF5-004 Plate 1 32 199WF6-003 Bracket 1 33 27WF5-005 Screw 2 SM15/64"×28 34 199WF6-004 Supporter 1 35 27WF5-005 Screw 2 SM15/64"×28 36 199WF6-005 Connector 1 37 199WF1-048 Connector 1	12	92WF5-012	Oil felt	1	
15 36WF1-031D Screw 1 SM11/64"×40 16 Oil wick 1 Φ2×250 17 92WF5-014 Oil felt assy 1 18 92WF5-014A Felt 1 19 92WF5-014B Felt 1 20 92WF5-014C Oil wick 1 21 92WF5-009 Felt 1 22 2KT7-001A Band 1 23 1WF6-036 Clip 1 24 17WF1-020 Screw 1 SM11/64"×40 25 199WF6-001 Oil box assy 1 26 199WF6-001A Oil window 1 27 199WF6-001B Oil window 1 28 199WF6-002 Connector 1 29 199WF1-048 Screw 2 SM11/64"×40 31 92WF5-004 Bracket 1 32 199WF6-003 Bracket 1 33 27WF5-005 Screw 2 SM15/64"×28 34 199WF6-004 Supporter 1 35 27WF5-005 Screw 2 SM15/64"×28 36 199WF6-005 Connector 1 37 199WF1-048 Connector 1	13		Oil wick	. 1	Φ2×250
16	14	92WF5-013	Oil shield	1	
17       92WF5-014       Oil felt assy       1         18       92WF5-014A       Felt       1         19       92WF5-014B       Felt       1         20       92WF5-014C       Oil wick       1         21       92WF5-009       Felt       1         22       2KT7-001A       Band       1         23       1WF6-036       Clip       1         24       17WF1-020       Screw       1         25       199WF6-001       Oil box assy       1         26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Bracket       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1       Screw<	15	36WF1-031D	Screw	11	SM11/64"×40
18       92WF5-014A       Felt       1         19       92WF5-014B       Felt       1         20       92WF5-014C       Oil wick       1         21       92WF5-009       Felt       1         22       2KT7-001A       Band       1         23       1WF6-036       Clip       1         24       17WF1-020       Screw       1       SM11/64"×40         25       199WF6-001       Oil box assy       1         26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1       Screw       2       SM15/64"×28         36 <td>16</td> <td></td> <td>Oil wick</td> <td>1</td> <td>Φ2×250</td>	16		Oil wick	1	Φ2×250
19 92WF5-014B Felt 1 20 92WF5-014C Oil wick 1 21 92WF5-009 Felt 1 22 2KT7-001A Band 1 23 1WF6-036 Clip 1 24 17WF1-020 Screw 1 SM11/64"×40 25 199WF6-001 Oil box assy 1 26 199WF6-001B Oil box 1 27 199WF6-001B Connector 1 29 199WF1-048 Connector 2 30 1WF5-042 Screw 2 SM11/64"×40 31 92WF5-004 Plate 1 32 199WF6-003 Bracket 1 33 27WF5-005 Screw 2 SM15/64"×28 34 199WF6-005 Screw 2 SM15/64"×28 36 199WF6-005 Connector 1 37 199WF1-048 Connector 1	17	92WF5-014	Oil felt assy	1	
20       92WF5-014C       Oil wick       1         21       92WF5-009       Felt       1         22       2KT7-001A       Band       1         23       1WF6-036       Clip       1         24       17WF1-020       Screw       1         25       199WF6-001       Oil box assy       1         26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	18	92WF5-014A	Felt	1	
21       92WF5-009       Felt       1         22       2KT7-001A       Band       1         23       1WF6-036       Clip       1         24       17WF1-020       Screw       1         25       199WF6-001       Oil box assy       1         26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Bracket       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	19	92WF5-014B	Felt	1	
22       2KT7-001A       Band       1         23       1WF6-036       Clip       1         24       17WF1-020       Screw       1       SM11/64"×40         25       199WF6-001       Oil box assy       1         26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	20	92WF5-014C	Oil wick	1	
23       1WF6-036       Clip       1         24       17WF1-020       Screw       1       SM11/64" x 40         25       199WF6-001       Oil box assy       1         26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64" x 40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64" x 28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64" x 28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	21	92WF5-009	Felt	1	
24       17WF1-020       Screw       1       SM11/64" x 40         25       199WF6-001       Oil box assy       1         26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64" x 40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64" x 28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64" x 28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	22	2KT7-001A	Section 1	1	
25       199WF6-001       Oil box assy       1         26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	23	1WF6-036	10) 1- <del>2</del> 8	1	50 May 400,074 July 51
26       199WF6-001A       Oil window       1         27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	24	17WF1-020	CAMPAGER, STOROPHOR	1	SM11/64"×40
27       199WF6-001B       Oil box       1         28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	25	199WF6-001		11	
28       199WF6-002       Connector       1         29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	26		10000 (\$6000)		
29       199WF1-048       Connector       2         30       1WF5-042       Screw       2       SM11/64" × 40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64" × 28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64" × 28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	27		EM PRESIDENCE CONTROL	1 1	
30       1WF5-042       Screw       2       SM11/64"×40         31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	28		2 CANON		
31       92WF5-004       Plate       1         32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1			970	(1) sees (2)	
32       199WF6-003       Bracket       1         33       27WF5-005       Screw       2       SM15/64"×28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64"×28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1					SM11/64"×40
33       27WF5-005       Screw       2       SM15/64" × 28         34       199WF6-004       Supporter       1         35       27WF5-005       Screw       2       SM15/64" × 28         36       199WF6-005       Connector       1         37       199WF1-048       Connector       1	=======================================	;	9502 90504.055-348		
34     199WF6-004     Supporter     1       35     27WF5-005     Screw     2     SM15/64"×28       36     199WF6-005     Connector     1       37     199WF1-048     Connector     1	11/00/07/02	21/2/2004/00/2004/2004/2004/2004/2004/20	5.4627		ON45/04# 00
35     27WF5-005     Screw     2     SM15/64"×28       36     199WF6-005     Connector     1       37     199WF1-048     Connector     1	rows lesson per	AND DESCRIPTION OF THE PROPERTY OF THE PROPERT	\$1 00 10 E	14	5M15/64" x 28
36	200 E				0145/048 00
37 199WF1-048 Connector 1					SM15/64"×28
07					
20 (4MEG N2G   CHD   1 1		TOTAL IN CO. SERVICES	200-1115-1216-1216-1216-1216-1216-1216-1216	100	
30 1000-033 300	38	1WF6-036	Ciib	1	



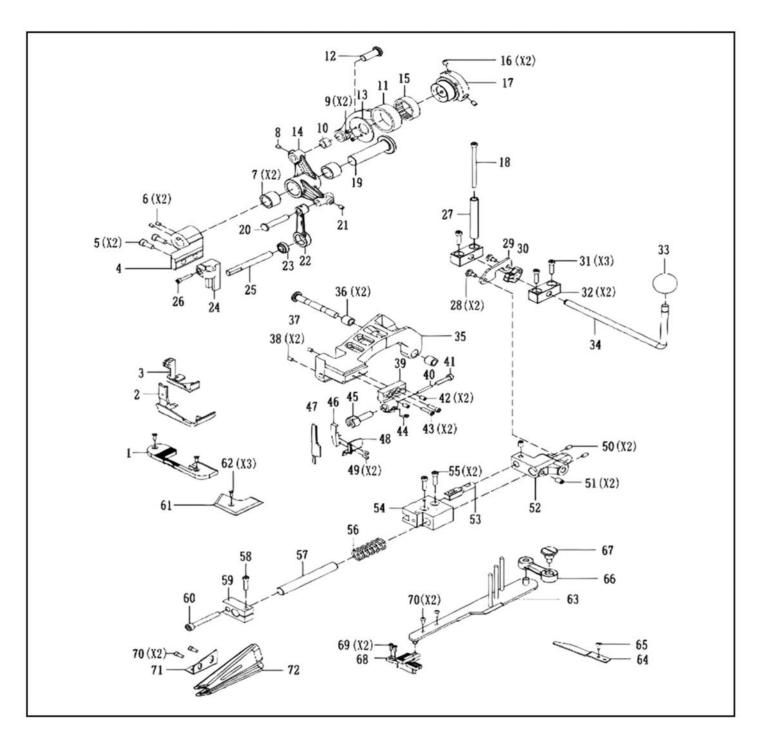
No.	Part Number	Name	Qt.	Remark
39	17WF1-020	Screw	1	SM11/64"×40
40	1WF6-029	Tube connector	1	
41	199WF6-007	Plug	1	
42	199WF6-008	Spring	1	
43	199WF6-009	Plate	1	×
44	17WF1-020	Screw	1	SM11/64"×40
45	199WF6-010	Oil tube	1	Φ5×1 L=370
46	199WF6-011	Oil tube	1	Φ5×1 L=80
47	199WF6-012	Oil tube	1	Φ5×1 L=220
48	199WF6-013	Oil tube	1	Φ5×1 L=300
49	199WF6-014	Oil tube	1	Φ5×1 L=610
50	199WF6-015	Oil tube	1 .	Φ5×1 L=500
51	199WF6-016	Oil tube	1	Φ5×1 L=200
52	2KT5-001A	Band	11	· a
53	199WF6-017	Clip	1	
54	199WF6-018	Oil tube	1	Φ5×1 L=225
55	W01111	Screw	2	
56	199WF6-019	Oil wick	1	Φ5×480
57	199WF6-020	Setting hook	1	
58	36WF4-017	Screw	1	
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1 2 3 4 5	199WF7-001 21WF3-012 42WF2-008 2KT6-012 92WF6-018	Big oil pan Screw Screw	1 1	
2 3 4 5	42WF2-008 2KT6-012	Screw	1	
3 4 5 6	2KT6-012	Screw		SM15/64"×28
4 5 6		001011	1	SM11/64"×40
6	92WF6-018	Screw	1	SM11/64"×40
	02111 0-010	Oil bolt	1	
	92WF6-020	Washer	1	
7	92WF6-019	Seal	1	
8	92WF6-027	Waste oil pot	1	
9		Screw	4	GB/Ta18 M3×14
10		Nut	4	GB/T6170 M3
11	92WF6-023	Spacer	8	
12		Washer	4	GB/T95 M3
13		Wood screw	8	GB99 2.5×16
14	92WF6-013B	Belt cover	1	
15	92WF6-013C	Connector	1	
16	92WF6-013A	Belt cover	1	
17	92WF6-016	Supporting pole	1	
18	1WF2-060	Screw	2	SM15/64"×28
19	199WF7-002	Filter element	1	
20	199WF7-003	Сар	1	
21	199WF7-004	Fix piece	1	
22	199WF7-005	Small oil pan	1	
23	199WF7-006	Supporter	1	
24	•	Screw	3	GB/T65 M2 × 10
25		Screw	1	GB62 M5
26	199WF7-007	Plug	1	
27	199WF7-008	Filter	1	
28	199WF7-009	Tray	1	(
29	199WF7-010	Case	1	
30	199WF7-011	Magnet	1	4 9
31	199WF7-012	Seal	1	
32	33TF-010	Accessories bag	1	
33	33TF-012	Screwdriver	1	*
34	22T9-007F2	Hinge cushion	1	
35		Nail	8	3/4
36	92WF6-028	Wrench	1	
37	1F-009	Big oil pot	1	2
38	33TF-011	Small oil pot	1	



No.	Part Number	Name	Qt.	Remark
39	1WF2-065	Bobbin	3	
40	COLORS SERVICE	Needle	3	DP×17 24#
41	22T9-007F1	Hinge	2	88
42	13F-002	Machine head cover	1	
43	92WF6-025	Cushion	1	
44	92WF6-026	Oil felt	4	
45	33TF-013	Screwdriver	1	
46	33TF-014	Screwdriver	1	
47	,	Nail	1	SC162 L=19
48	92WF2-037	Thread finger	1	
49	199WF7-014	Leafspring	1	March and the last date and the last date of the last dat
50	21WF7-015	Screw	1	SM9/64"×40
51	199WF7-015	Connector	1	physicisms which through a super broads
52	199WF7-016	Crank	1	
53	2	Screw	2	GB/T5791 M6×25
54	22T9-003B7	Screw	1	
55	199WF7-017	Lever	1	
56	22T9-003B8	Cushion	1	
57.	22T9-003B5	Connector	1	
58	22T9-003B6	Holder	1	
59	33TF-019	Thread stand assy	1	
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No.	Name	No.	Name	No.	Name	No.	Name
1	Throat plate	19	Crank pin	37	Shaft	55	Screw
2	Presser foot	20	Link pin	38	Tension screw	56	Presser spring
3	Walking foot	21	Tension screw	39	Cutting supporter	57	Shaft
4	Crank supporter	22	Link	40	Lever	58	Tension screw
5	Screw	23	Knuckle bearing	41	Screw	59	Limit chunk
6	Tension screw	24	Fork	42	Screw	60	Screw
7	Crank	25	Shaft	43	Screw	61	Transition plate
8	Screw	26	Tension screw	44	Tension screw	62	Screw
9	Screw	27	binding lever	45	Cutting install frame	63	binding waving frame
10	Link	28	Screw	46	Cutting chunk	64	Limit plate
11	Link	29	Pulling plate	47	Cutting	65	Screw
12	Link pin	30	Crank	48	Stopper	66	Link
13	Stopper	31	Screw	49	Screw	67	Screw
14	Crank	32	Rocking bar supporter	50	Tension screw	68	Feed dog
15	Link needle bearing	33	Hand shank ball	51	Tension screw	69	Screw
16	Tension screw	34	Rocking bar	52	Crank	70	Screw
17	Eccentric gear	35	Sewing arm	53	Guiding slider	71	Binder install supporter
18	Screw	36	Bushing	54	Crank supporter	72	Binder

