

SINGER®

- 2431A -
2432A
2442A

HIGH-SPEED OVERLOCK SEWING MACHINE

OPERATION MANUAL ILLUSTRATED PARTLIST

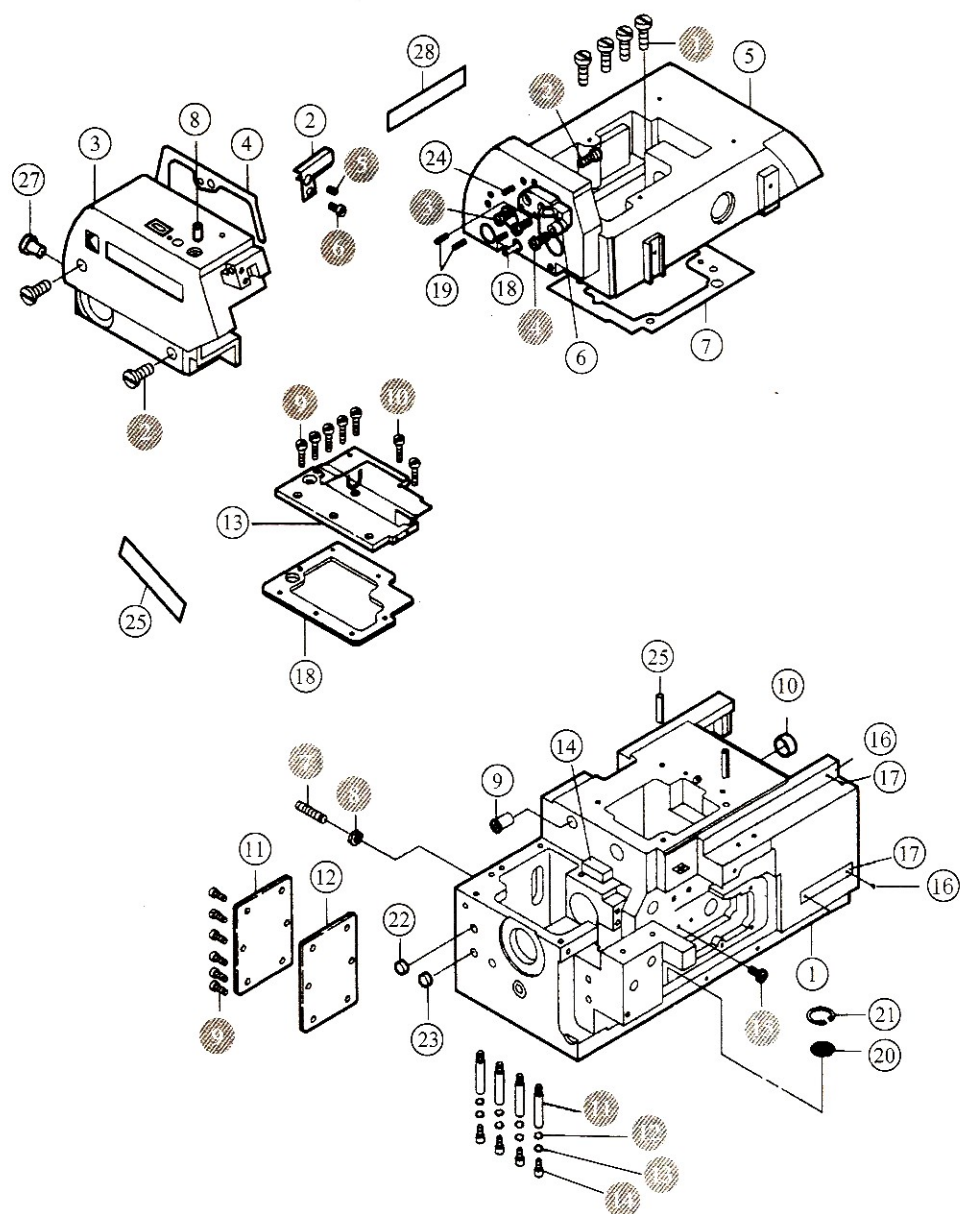
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1. Frame Assembly

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTC89	machine frame	1	1	1
2	YTA04	needle thread cover plate	1	1	1
3	YTA05	upper oncde cover	1	1	1
4	YTA06	upper oncde cover pad	1	1	1
5	YTA08	lathe shell upper knot	1	1	1
6	YTA09	needle plate	1	1	1
7	YTA10	upper washer	1	1	1
8	YTA12	oil tube	1	1	1
9	YTA14	rear oil adhesive case	1	1	1
10	YTA22	oil seal	1	1	1
11	YTA25-1	rear cover	1	1	1
12	YTA25-2	rear cover oil seal	1	1	1
13	YTA27	cover	1	1	1
14	YTA28	oil sear washer	1	1	1
15	YTA29	cover washer	1	1	1
16	YTA33	rivet	4	4	4
17	YTA36	machine model plate	1	1	1
18	YTA38	model tube	1	1	1
19	YTA39	pin	2	2	2
20	YTA40	oil screen	1	1	1
21	YTA42	snap ring	1	1	1
22	YTA21	oil seal i	1	1	1
23	YTA24	oil seal ii	1	1	1
24	YTP07	begin pin	4	4	4
25	YTA65	trade mark plste	1	1	1
26	YTA67	oil seal	1	1	1
27	YTA84	mark plate	1	1	1
1	S307	screw	4	4	4
2	S292	screw	3	3	3
3	S290	needle bar asm screw	2	2	2
4	S299	needle lind set screw	1	1	1
5	S216	needle thread cover plate top silk	1	1	1
6	S357	needle thread cover plate set screw	1	1	1
7	S268	main cover bearing regulate screw	1	1	1
8	N26	main cover bearing regulate nut	1	1	1
9	S257	rear cover plate	11	11	11
10	S261	lower cover plate	2	2	2
11	S401	oil pan join screw	4	4	4
12	W23	washer	4	4	4
13	W02	elasticity washer	4	4	4
14	S400	nexagon socker screw	4	4	4
15	S308	screw	1	1	1

Note:Part instruction: ○ — means sparepart ▨ — means screw,nut

1. Frame Assembly

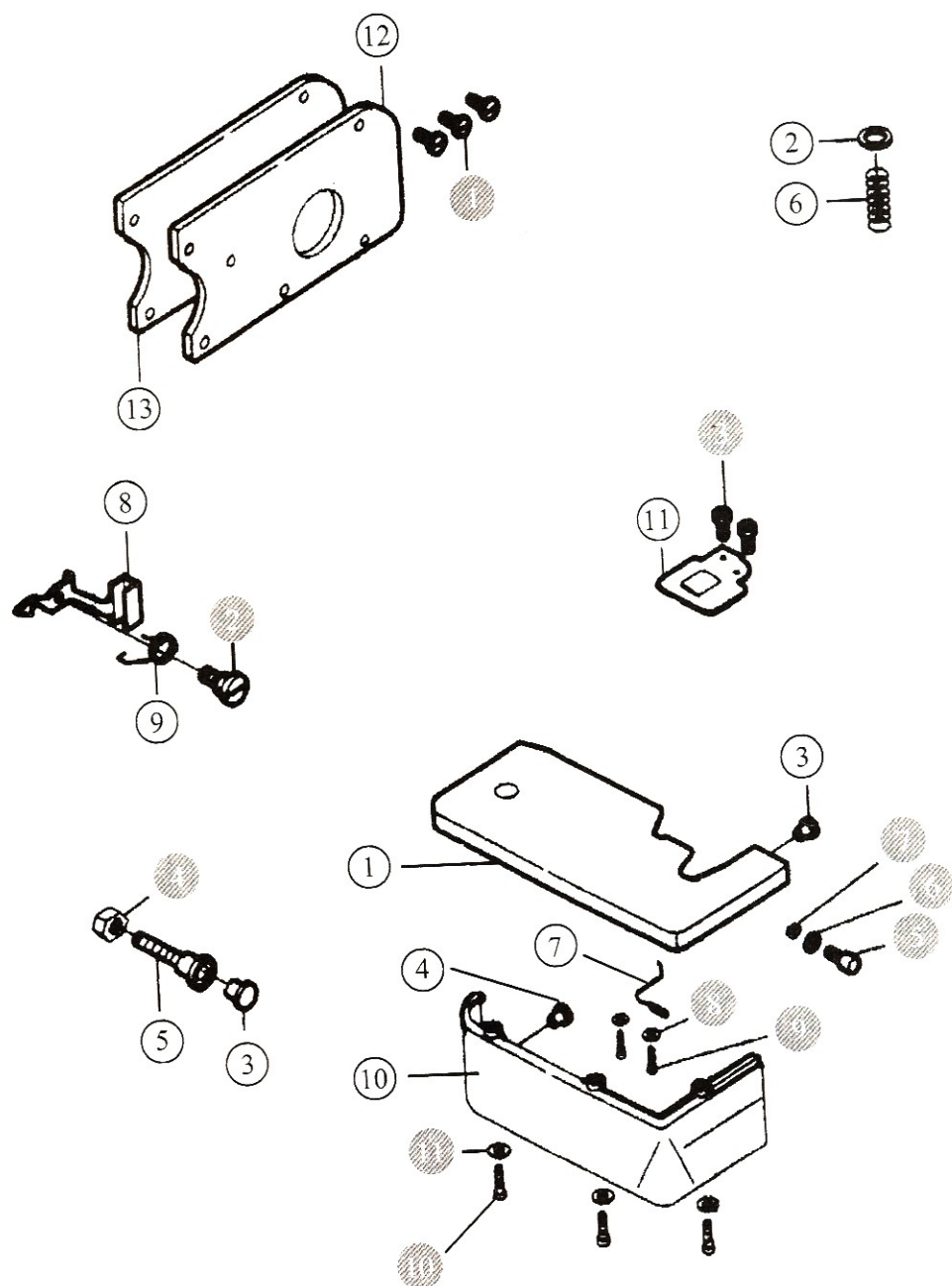


2. Cloth plate assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTB01	cloth plate	1	1	0
	YTB02	cloth plate			
2	YTB03	washer	0	0	1
3	YTB04	rubber bushing	1	1	1
4	YTB05	rubber bushing	4	4	4
5	YTB06	cloth plate spring screw	1	1	1
6	YTB08	spring	1	1	1
7	YTB12	cloth plate spring	1	1	1
8	YTB15	cloth plate slider cover	1	1	1
9	YTB17	cloth plate cover spring	1	1	1
10	YTB22	cloth plate lower plate	1	1	1
	YTB23	cloth plate lower plate	1	1	0
11	YTB29	washer	0	0	1
12	YT30	upper looper sealing plate	1	1	1
13	YT31	upper looper sealing plate washer	1	1	1
1	YTB06E-1	upper looper sealing plate screw	3	3	3
2	S279	set screw	1	1	1
3	S217	screw	2	2	2
4	N26	set nut big cover stable screw	2	2	2
5	S403	screw	1	1	1
6	W09	screw washer	1	1	1
7	N23	screw nut	1	1	1
8	W06	washer	2	2	2
9	S221	big cover spring screw	2	2	2
10	S560	big cover joint screw	3	3	3
11	W05	big cover joint screw washer	3	3	3

Note: Part instruction: ○ — means sparepart ● — means screw, nut

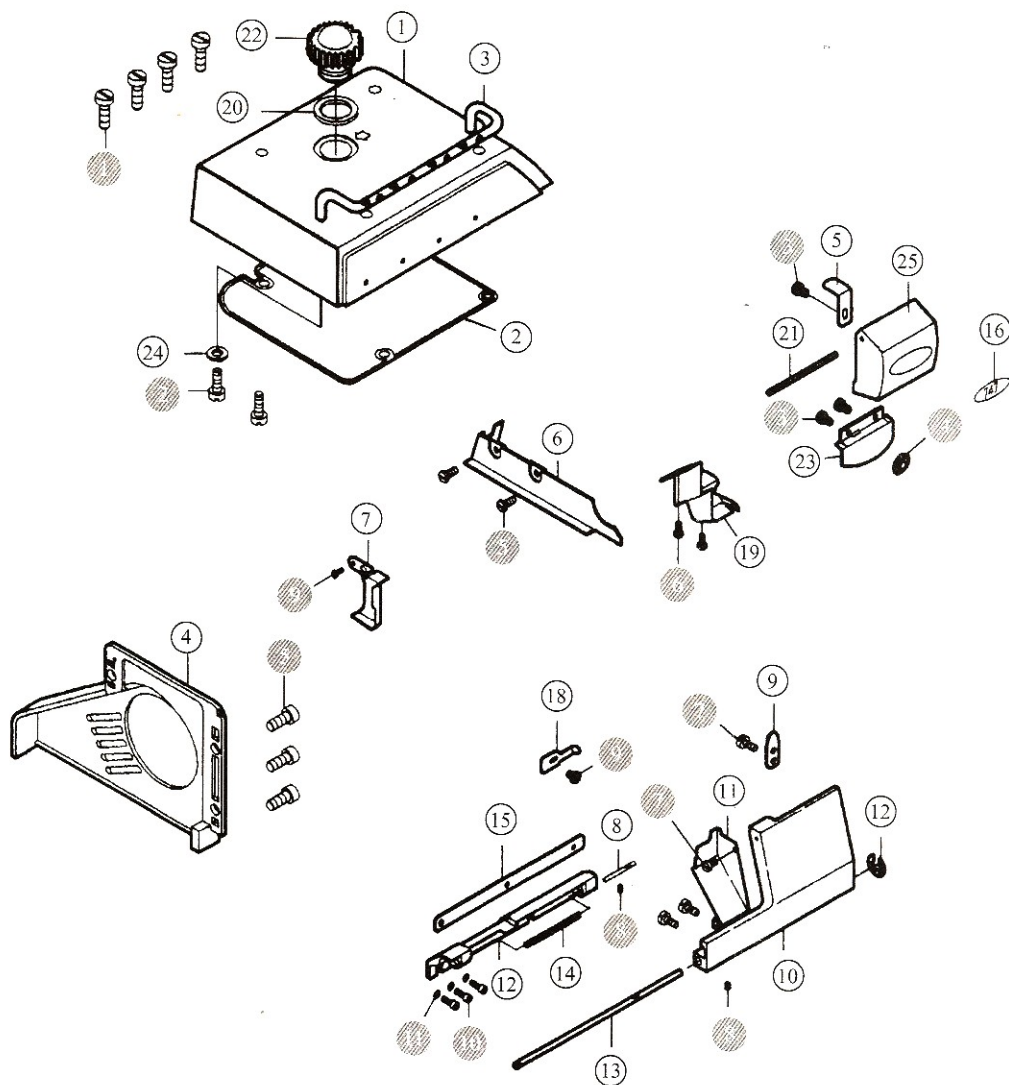
2. Cloth plate assemblies



3. Cover assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTC01F	upper cover	1	1	1
2	YTC03	upper cover washer	1	1	1
3	YTC05E	thread guide supporter	1	1	1
4	YTC09F	belt cover	1	1	2
5	YTC13	thread cover spring	1	1	1
6	YTC15	cloth guide plate	1	1	1
7	YTC17	oil guide II	1	1	1
8	YTC18	pin	1	1	1
9	YTC20	front spring	1	1	1
10	YTC21E	front cover	1	1	0
11	YTC22B	front cover guard	0	0	1
	YTC23B	front cover guard	1	1	1
12	YTC24B	front cover hinge	1	1	1
13	YTC25B	hinge pin	1	1	1
14	YTC28	front cover hinge spring	2	2	2
15	YTC29	front cover hinge washer	1	1	1
16	YTC38F	trade mark plate	1	1	1
17	YTC39-4	oil flow window	2	2	2
18	YTC36	front cover snap guard	1	1	1
19	YTC55B	oil guide I	1	1	1
20	YTC58	oil level gauge washer	1	1	1
21	YTC62	pin	1	1	1
22	YTC67	oil level gauge washer	1	1	1
23	YTC69F	oil sight	1	1	1
24	YTC81	washer	1	1	1
25	YTC61F	upper cover	1	1	1
1	S503	upper cover screw	4	4	4
2	S438	thread guard screw	2	2	2
3	S233	upper cover spring screw	3	3	3
4	M84	washer	2	2	2
5	S257	cloth guide plate screw	5	5	5
6	S238	oil guard screw I	2	2	2
7	S432	snap plate	4	4	4
8	S401	screw	3	3	3
9	S250	front cover plate block spring			
		screw	2	2	2
10	S245	front cover hinge screw	3	3	3
11	W09	front cover hinge washer	3	3	3
12	E03	snap ring	1	1	1

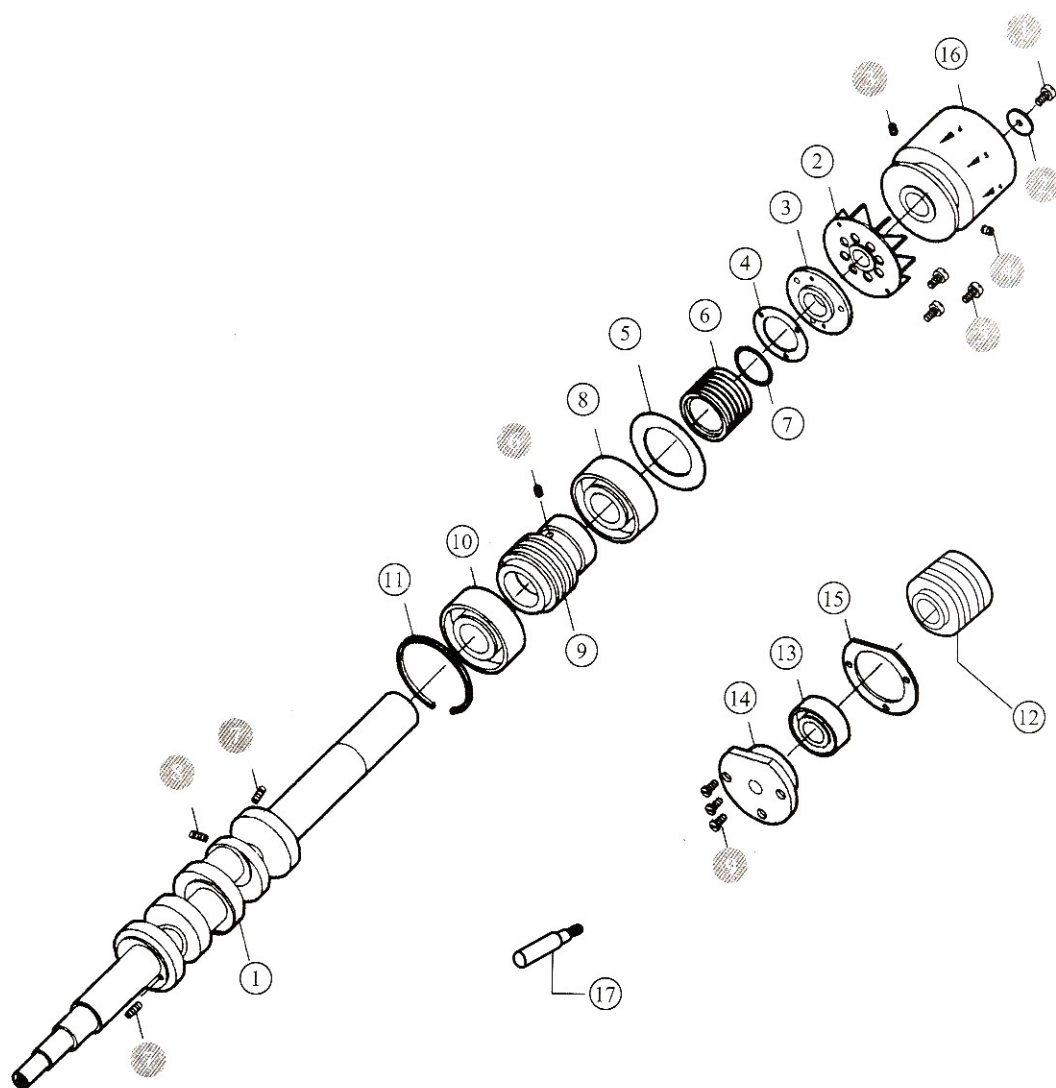
3. Cover Assemblies



4. Main shaft assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTD01	main shaft	1	1	1
2	YTD09	wheel	1	1	1
3	YTD100	rear shaft bearing cover	1	1	1
4	YTD120	rear shaft bearing cover	1	1	2
5	YTD13	main shaft spring washer	1	1	1
6	YTD14	main shaft bysgubg asm	1	1	1
7	YTD15	seal ring	1	1	1
8	YTD16	main shaft queen shaft bearing	1	1	1
9	YTD17	oil pump worm	1	1	1
10	YTD19	main shaft bearing	1	1	0
11	YTD20	shaft and bushing washer	0	0	1
12		main shaft light bushing	1	1	1
13	YTD22	bearing 80200	1	1	1
14	YTD27D	bearing cover	1	1	0
	YTD26D	bearing cover	0	0	0
15	YTD28D	bearing cover washer	1	1	1
16	YTD35D	pulley	1	1	1
17	YTD36	bulgy pulley bearing	0	0	1
1	S374	pulley screw	1	1	1
2	W02	pulley screw washer	1	1	1
3	S347	pulley set screw	1	1	1
4	S414	pulley set scerw	1	1	1
5	S257	rear shafting bearing cover screw	3	3	3
6	S270	oil pump worn screw	1	1	1
7	S396	screw	2	2	2
8	S235	screw	1	1	1
9	S241	bearing cover screw	3	3	3

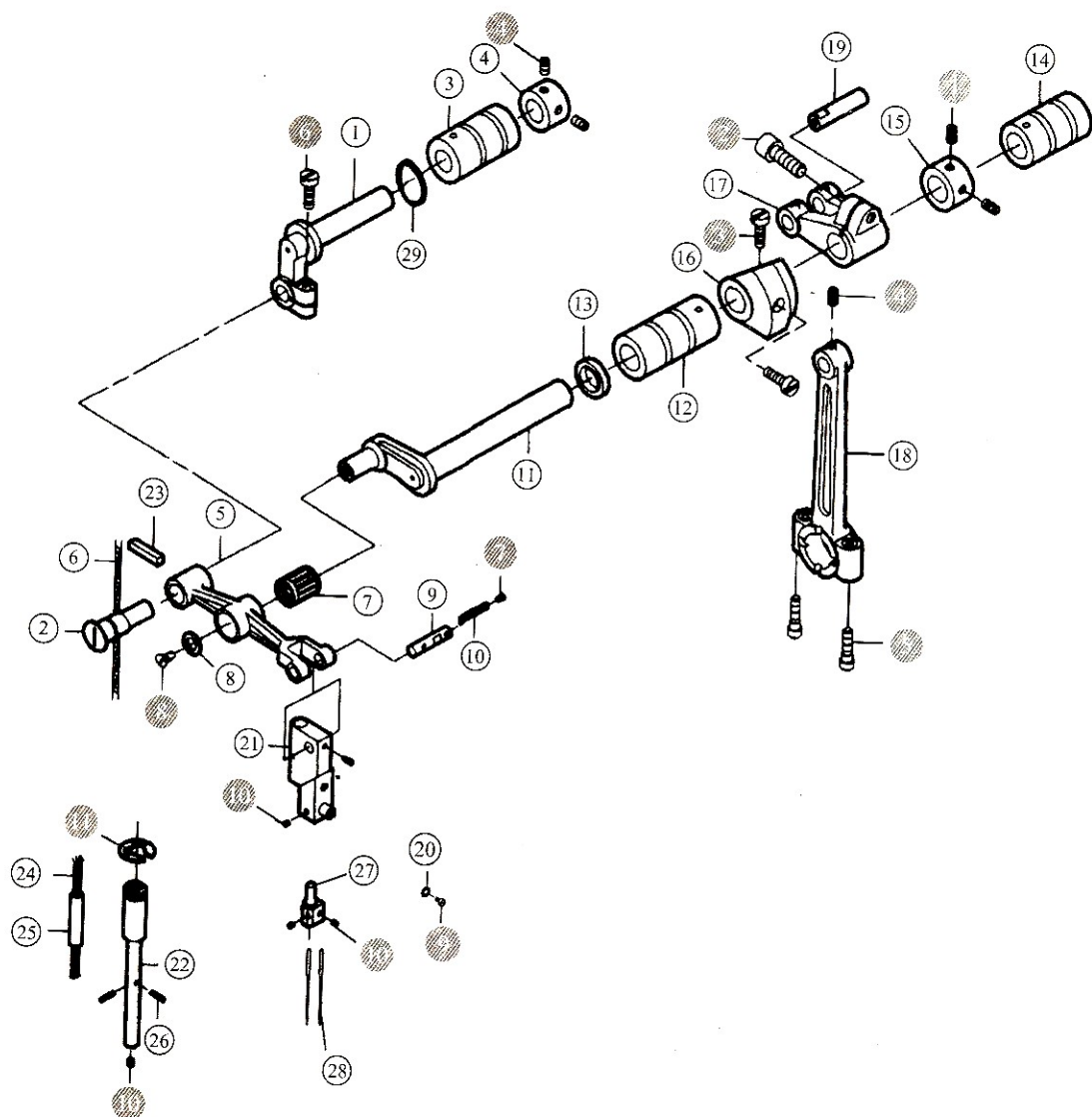
4. Main shaft assemblies



5. Needle bar assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTF01	needle bar driving frame rock shaft	1	1	1
2	YTF02	eccentric shaft	1	1	1
3	YTF05	needle bar shaft bushing back	1	1	1
4	YTF07	snap ring	1	1	2
5	YTF09	throat driving crank	1	1	1
6	YTF10F	oil wick	1	1	1
7	YTF11	needle bearing	1	1	1
8	YTF12	washer ring	1	1	1
9	YTF14	throat clip guide pin	1	1	1
10	YTF16	oil wick	1	1	1
11	YTF17	throat bar rock crank	1	1	1
12	YTF18	needle driving shaft bearing	1	1	1
13	YTF19	seal ring	2	2	2
14	YTF20	needle bar frame rock shaft crank	1	1	1
15	YTF21	snap ring	2	2	2
16	YTF23	balance block	1	1	1
17	YTF25	needle bar frame rock shaft crank	0	1	0
	YTF26	throat bar shaft crank	1	0	1
18	YTF28	needle bar connecting rod	1	1	1
19	YTF30	connecting link pin	1	1	1
20	YTF31	washer ring	1	1	1
21	YTF32	throat clip guide bushing	1	1	1
22	YTF33	needle bar	1	1	1
23	YTF34	oil felt	1	1	1
24	YTF35	oil wick	1	1	1
25	YTF35F	plastics tube	1	1	1
26	YTF37	oil wick	2	2	2
27	YTF38	needle clamp	0	1	0
	YTF39	needle clamp	1	0	0
	YTF40	needle clamp	0	0	1
28	YTF41	needle	1	2	2
29	YTF42	oil seal	1	1	1
1	S293	snap ring screw	4	4	4
2	S612	hexagon socket screw	1	1	1
3	S291	balance block position screw	2	2	2
4	S270	frame rock shaft set screw	3	3	3
5	S385	shaft position screw	2	2	2
6	S287	screw	1	1	1
7	S204	screw	1	1	1
8	S212	screw	1	1	1
9	S221	screw	1	1	1
10	S216	screw	5	5	5
11	E01	snap ring	1	1	1

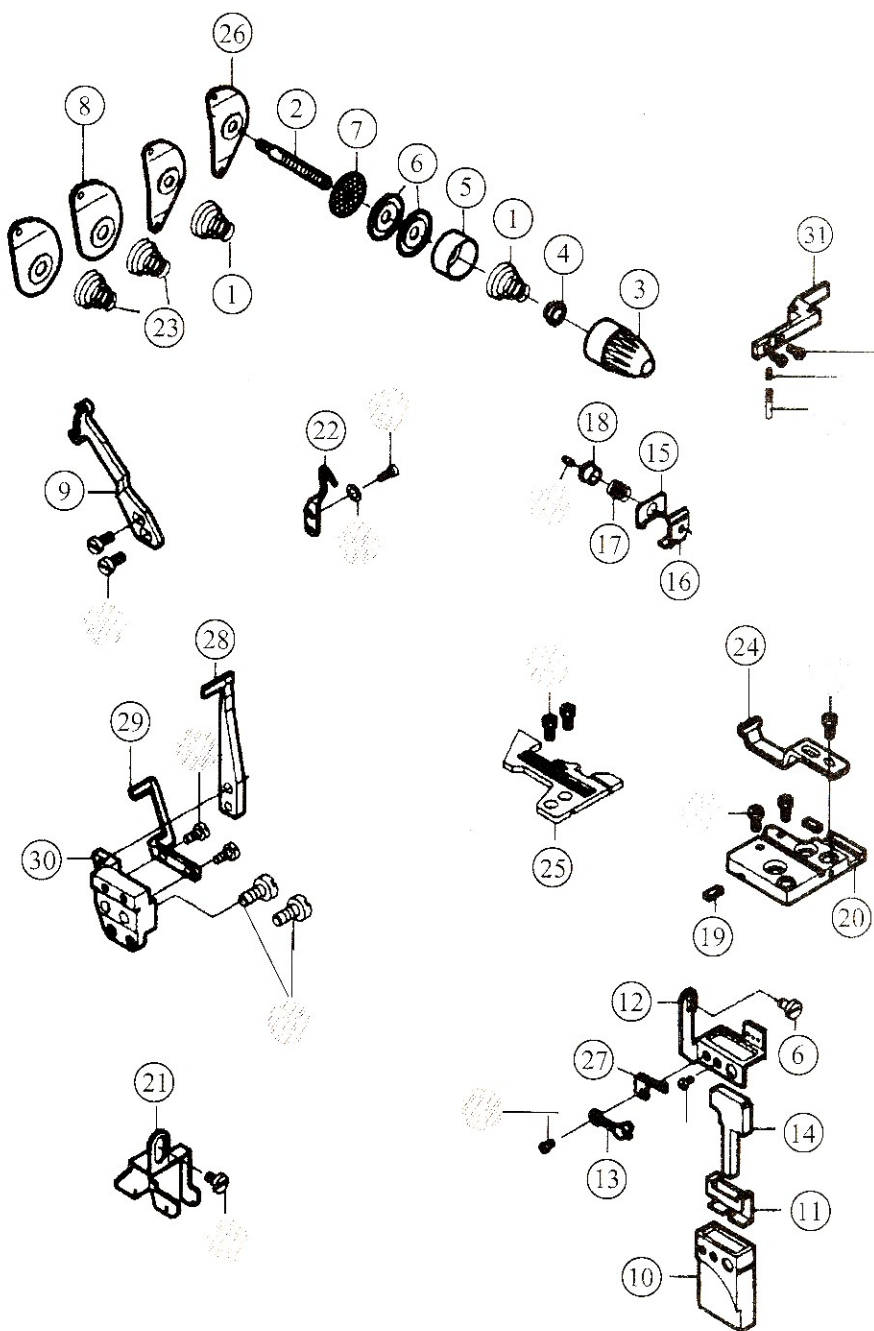
5. Needle bar assemblies



6. Thread guide assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTG02E	thread tension spring	1	2	2
2	YTG03	thread tension screw	3	4	4
3	YTG04F	thread tension nut	3	4	4
4	YTG05	thread tension spring	3	4	4
5	YTG06E	thread tension spring retainer house	3	4	4
6	YTG07	thread tension disc	6	8	8
7	YTG08	thread tension disc washer	3	4	4
8	YTG09F	thread guide	2	2	2
9	YTG11F	upper thread take-up	1	1	0
	YTG60F	upper thread take-up	0	0	1
10	YTG12	oil box	1	1	1
11	YTG13	oil felt	1	1	1
12	YTG14	thread guide	1	1	1
13	YTG15D	oil box washer	1	1	1
14	YTG16	oil felt	1	1	1
15	YTG17	tension spring	1	1	1
16	YTG18	thread controller disc holder	1	1	1
17	YTG19	spring	1	1	1
18	YTG21	thread controller disc guide bushing	1	1	1
19	YTG24-1	throat plate positioning rod	2	2	2
20	YTG24-2	throat plate bracket	1	1	1
21	YTG42	thread mark guide	1	0	1
	YTG54	thread mark guide	0	1	0
22	YTG59	reat needle guard	1	1	1
23	YTG68	thread tension spring	2	2	2
24	YTG47-2	front needle guard	0	1	0
	YTG47-1	front needle guard	1	0	0
	YTG35	front needle guard	0	0	1
25	YTG43	throat plate	0	1	0
	YTG44	throat plate	1	0	0
	YTG45	throat plate	0	0	1
26	YTG20F	thread guide	1	2	2
27	YTG25	thread guide	0	0	1
28	YTG31D	needle guard I	0	0	1
29	YTG37	needle guard II	0	0	1
30	YTU18	needle guard barcket	1	1	0
	YTG39	needle guard barcket	0	0	1
31	YTG26	snap plate	1	1	1
32	YTG46	snap plate washer	1	1	1
1	S216	screw	1	1	1
2	S260	throat plate screw	2	2	2
3	S230	front needle snap screw	1	1	1
4	S299	throat plate barcket screw	2	2	2
5	S250N	thread guide holder screw	2	2	2
6	S250N	oil box set screw	1	1	1
7	S359	oil box washer set screw	1	1	1
8	S209	rear needle guard screw	2	2	4
9	S243	needle guard screw	1	1	1
10	W03	needle guard washer	1	1	1
11	S233	thread take up screw	2	2	2
12	S242	snap plate screw I	2	2	2
13	S235	snap plate screw II	1	1	1

6.Thread guide assemblies

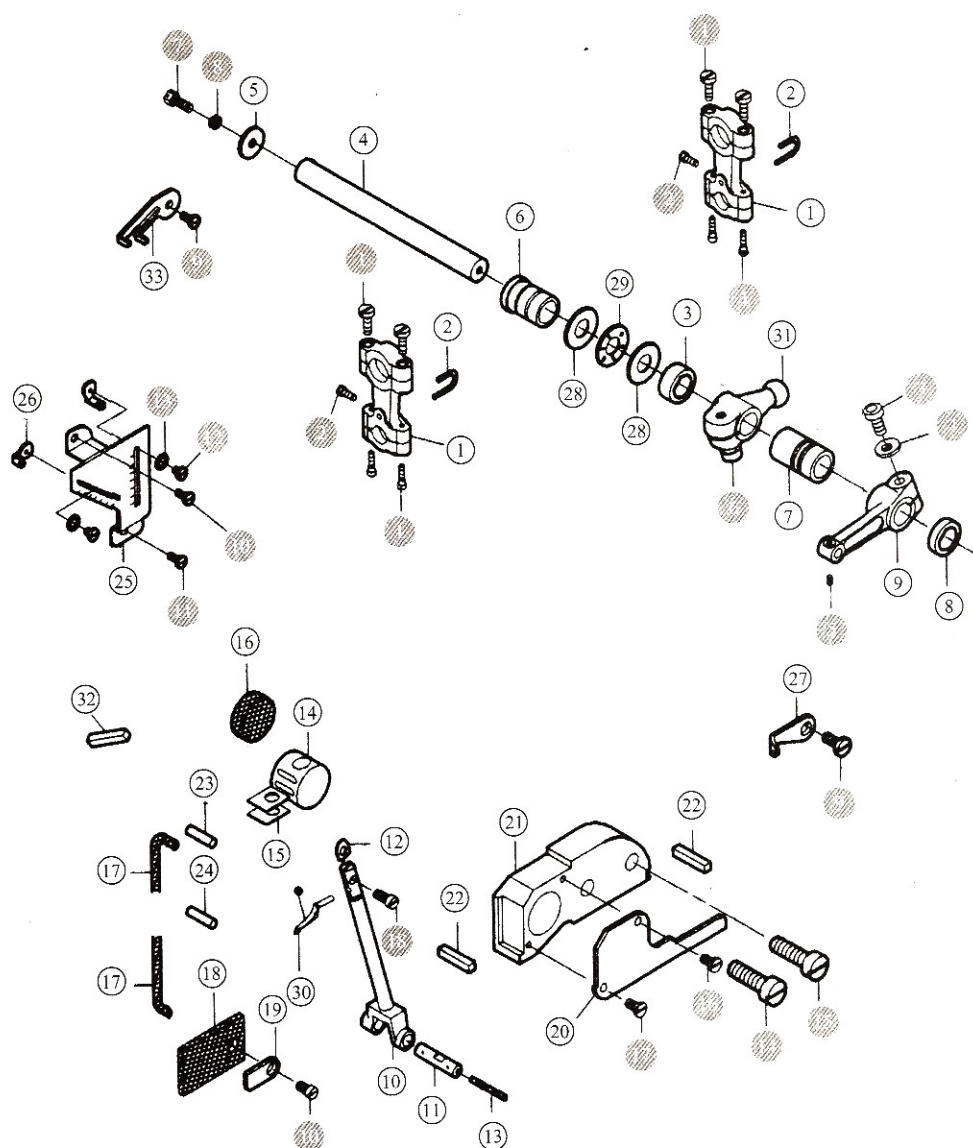


7. Upper looper assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTJ01	looper link	2	2	2
2	YTJ06	looper link holder	2	2	2
3	YTJ10	thickness washer	0	1	0
	YTJ13	thickness washer	1	0	1
4	YTJ15	upper looper shaft	1	1	1
5	YTJ16	big washer	1	1	1
6	YTJ19	upper looper shaft rear bashing	1	1	1
7	YTJ20	upper looper shaft front bushing	1	1	1
8	YTJ21	upper looper shaft oil seal	1	1	1
9	YTJ22	upper looper shaft crant	1	1	1
10	YTJ26	upper looper shaft bar	1	1	1
11	YTJ27	connecting rod shaft pin	1	1	1
12	YTJ28	washer	1	1	1
13	YTJ29	oil wick	1	1	1
14	YTJ30	upper looper slide bar slide block	1	1	1
15	YTJ33	oil felt	2	2	2
16	YTJ34	oil felt	1	1	1
17	YTJ37	oil wick	2	2	2
18	YTJ39	screen oil plate	1	1	1
19	YTJ40	felt plate	1	1	1
20	YTJ41	thread holder snap plate	1	1	1
21	YTJ42	upper looper shaft slide bar bracket	1	1	1
22	YTJ44	oil seal	2	2	2
23	YTJ47	oil tube	1	1	1
24	YTJ49	oil tube	1	1	1
25	YTJ61	thread amonut regulating plate	1	1	1
26	YTJ63	upper looper thread guard	1	1	1
27	YTJ66	upper looper shaft thread plate	1	1	1
28	YTJ71	shaft bearing guard	2	2	2
29	YTJ79	lower looper holder copper	1	1	1
30	YTJ80	looper	1	1	1
31	YTJ612	upper looper crank bearing	0	1	0
	YTL09	upper looper crank bearing	1	0	1
32	YTJ32	threading tube	2	2	2
33	YTJ68	two for thread guide	1	1	1
1	S385	shaft screw	8	8	8
2	S408	screw	2	2	2
3	S295	upper looper shaft crank screw	1	1	1
4	W11	upper looper shaft washer	1	1	1
5	S216	link pin set screw	1	1	1
6	S612	nexagon socket screw	1	1	1
7	S261	upper looper shaft screw	1	1	1
8	W03	washer	1	1	1
9	S257	upper looper shaft thread guide	2	2	2
10	S250	thread amount regulating plate			
11	S262	screw	1	1	1
12	S223	looper shaft thread guide screw	2	2	2
13	W06	looper shaft thread guide washer	2	2	2
14	S454	upper looper shaft thread plate screw	1	1	1
15	S300	upper looper shaft thread plate screw	1	1	1
16	S221	thread holder snap plate screw	1	1	1
17	S451	thread holder snap plate screw	1	1	1
18	S229	upper looper set screw	1	1	1

Note:Part instruction: ○ — means sparepart ● — means screw,nut

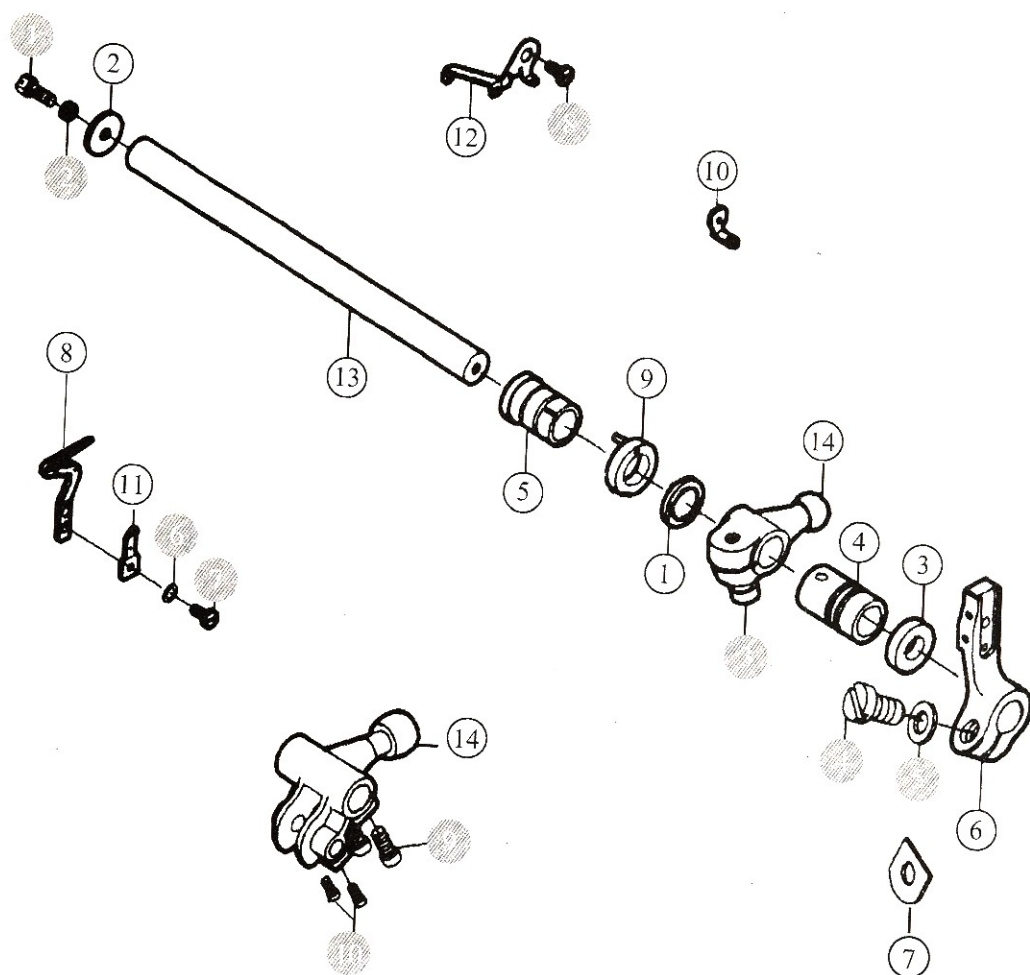
7. Upper looper assemblies



8. Lower looper assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTL15	lower looper shaft copper bushing	1	1	0
	YTL11	washer	0	0	1
2	YTL11	lower looper shaft washer	1	1	1
3	YTL20	oil seal	1	1	2
4	YTL21	lower looper front bushing	1	1	1
5	YTL22	lower looper rear bushing	1	1	1
6	YTL23	lower looper holder	1	1	1
7	YTL24	lower looper crank washer	2	2	5
8	YTL25	lower looper	1	1	0
9	YTL32	copper washer	1	1	1
10	YTL38	thread guide	1	1	1
11	YTL43	lower looper thread guide	1	1	1
12	YTL46	lower looper 3-thread thread guide	1	1	1
13	YTL57	lower looper shaft	1	1	0
	YTL16	lower looper shaft	0	0	1
14	YTL612	lower looper crank	1	1	0
	YTL09B	lower looper crank	0	0	1
1	S261	lower looper shaft screw	1	1	1
2	W03	elastic washer	1	1	1
3	S612	crank screw	1	1	1
4	S296	lower looper holder screw	1	1	1
5	W11	lower looper holder washer	1	1	1
6	W05	lower looper holder washer	1	1	1
7	S247	lower looper screw	1	1	1
8	S257	lower looper thread guide screw	1	1	1
9	S311	crank screw	0	0	2
10	S229	crank screw	0	0	2

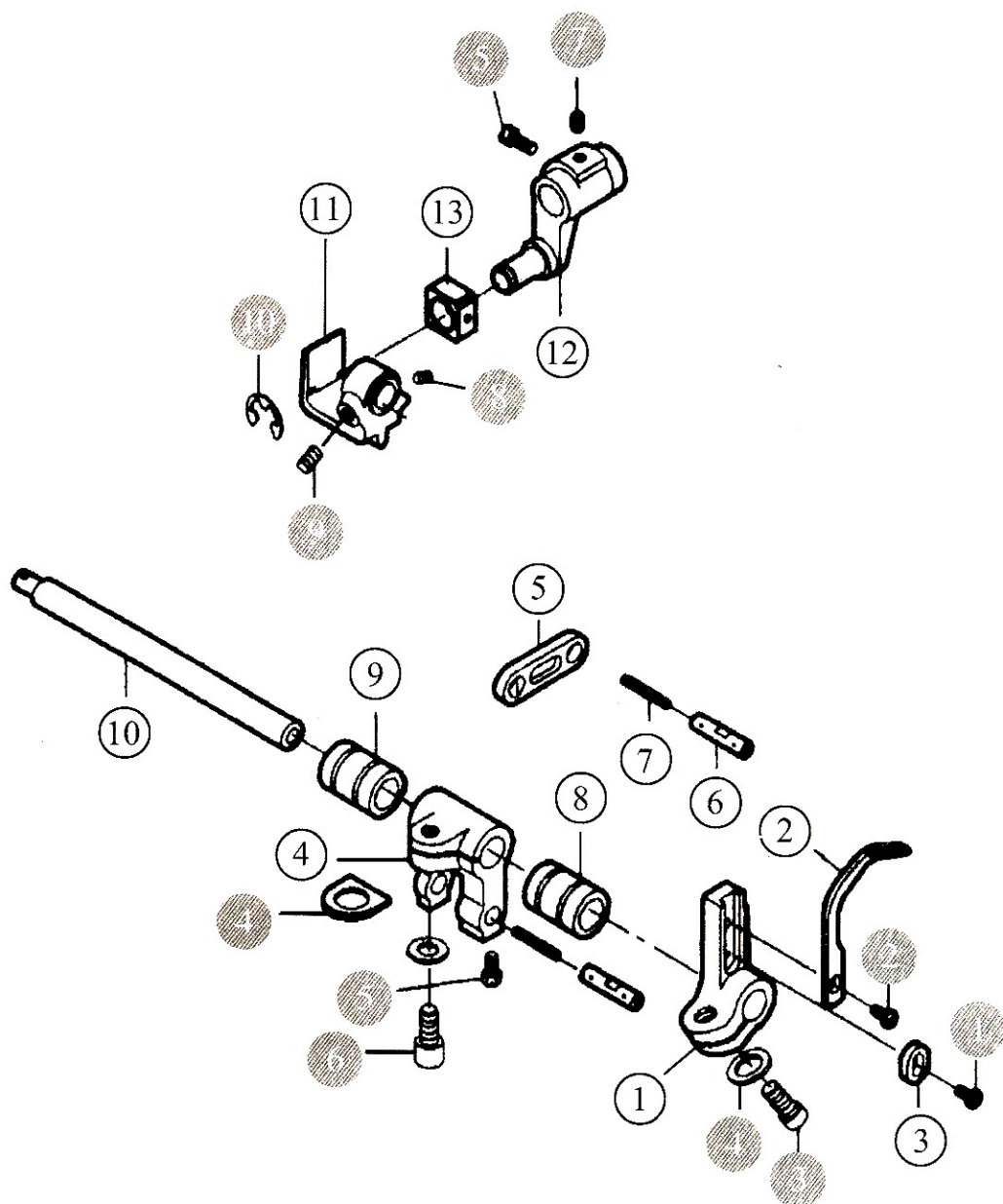
8. Lower looper assemblies



9. Front lower looper assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2433A
1	YTM01	front looper shaft holder			
2	YTM04	front looper	0	0	1
3	YTM06	front looper shaft regulating washer	0	0	1
4	YTM08	front looper crank	0	0	1
5	YTM11	regulating plate	0	0	1
6	YTM12	regulating plate pin	0	0	1
7	YTM15	oil thread	0	0	2
8	YTM17	front looper shaft front bushing	0	0	2
9	YTM18	front looper shaft rear bushing	0	0	1
10	YTM26	front looper shaft	0	0	1
11	YTM27	driving lever	0	0	1
12	YTM28	driving crank	0	0	1
13	YTM29	front looper slide block	0	0	1
			0	0	1
1	S209	front looper thread guide screw			
2	S230	front looper guide set screw	0	0	1
3	S298	front looper holder set screw	0	0	1
4	W11	front looper holder screw washer	0	0	1
5	S251	front looper crank screw	0	0	2
6	S295	front looper crank holder set screw	0	0	2
7	S270	hexagon socket set screw	0	0	1
8	S499	driving lever set screw	0	0	1
9	S441	driving lever set screw	0	0	1
10	E20	snap ring	0	0	1
			0	0	1

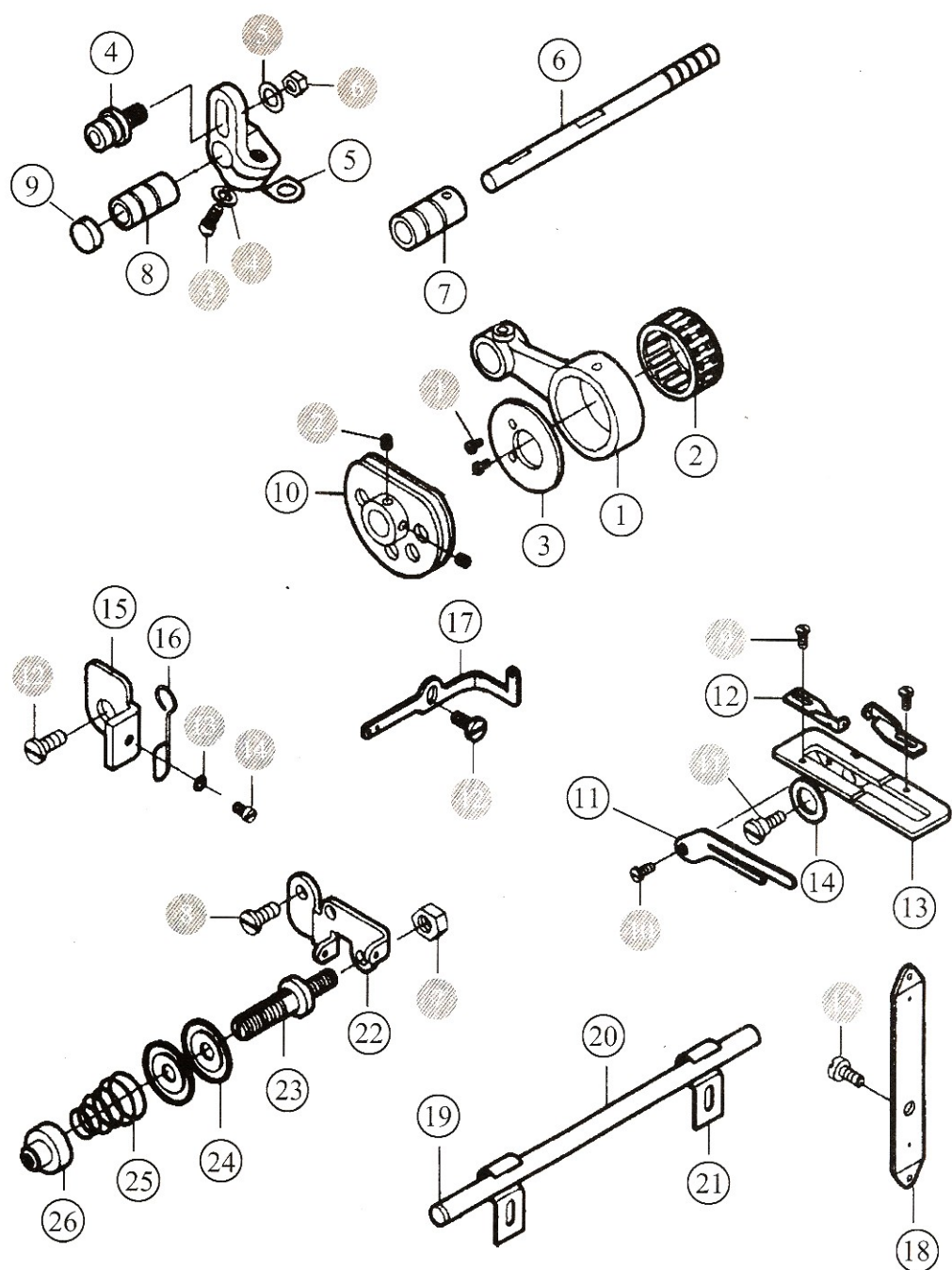
9. Front lower looper assemblies



10. Cam assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2433A
1	YTN01	bearing snap uing screw	0	0	0
2	YTN02	bear guide cam	0	0	0
3	YTN03	shaft snap crank screw	0	0	0
4	YTN05	shaft snap washer	0	0	0
5	YTL23	crank adjusting pin wather	0	0	0
6	YTN10	crank adjusting pin nut	0	0	0
7	YTN11	holder finger nut	0	0	0
8	YTN12	holder finger	0	0	0
9	YTN13	thread guide plate screw	0	0	0
10	YTN18	thread guide plate screw	0	0	0
11	YTN20	thread guide finger set screw	0	0	0
12	YTN22	thread guide for 2-thread screw	0	0	0
13	YTN24	washer	0	0	0
14	YTN26	thread guide hook screw	0	0	0
15	YTN27		0	0	0
16	YTN29	thread guide hook	0	0	0
17	YTN32	2-thread thread guide	0	0	0
18	YTN34	rear thread guide finger set screw	0	0	0
19	YTN35	thread guide tube bushing	0	0	0
20	YTN36	thread guide tube	0	0	0
21	YTN37	thread guide tube clamp	0	0	0
22	YTN38	thead tension plate holder	0	0	0
23	YTN40	holder spool	0	0	0
24	YTN42	holder spool	0	0	0
25	YTN43	holder spool spring	0	0	0
26	YTN44	presser nut	0	0	0
1	S205	bearing snap ring screw	0	0	0
2	S216	cam set screw	0	0	0
3	S612	crank set screw	0	0	0
4	W11	crank washer	0	0	0
5	W04	crank adjusting pin wather	0	0	0
6	N25	crank adjusting pin nut	0	0	0
7	N26	thread tension screw nut	0	0	0
8	S257	thread tension screw	0	0	0
9	S207	thread guide plate screw	0	0	0
10	S233	thread guide plate screw	0	0	0
11	S264	thread guide finger set screw	0	0	0
12	S250	thread guide for 2-thread screw	0	0	0
13	W09	washer	0	0	0
14	S238	thread guide hook screw	0	0	0

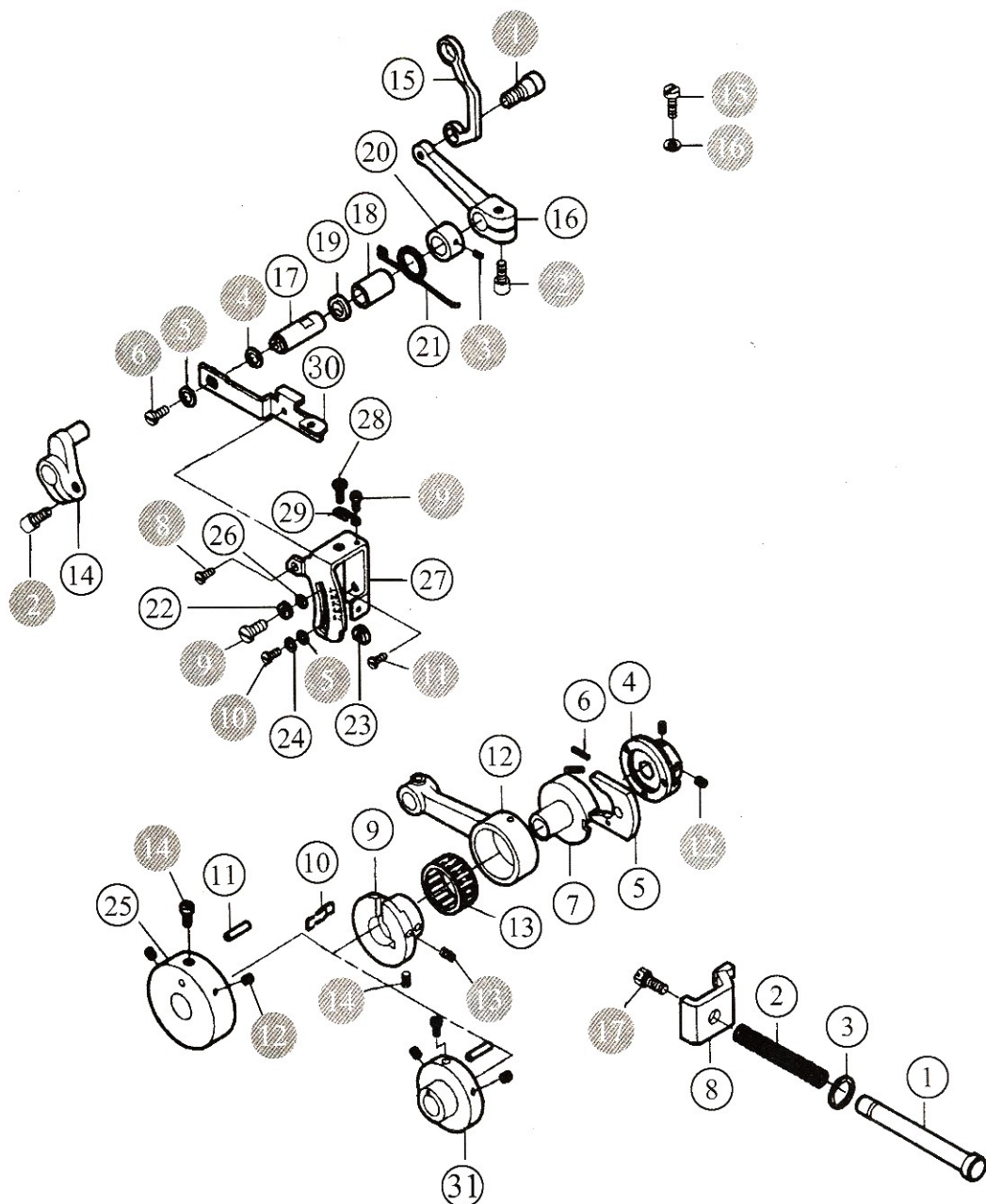
10. Cam assemblies



11. Differential feed assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTP01	stitch length reglating shaft	1	1	1
2	YTP02	spring	1	1	1
3	YTP03	oil washer	2	2	2
4	YTP05	stitch length regulating cam asm	1	1	1
5	YTP06	stitch length regulating block	1	1	1
6	YTP08	stitch length regulating block spring	2	2	2
7	YTP09	stitch length cam	1	1	1
8	YTP11	stitch length regulating plate	1	1	1
9	YTP13	feed length cam	1	1	1
10	YTP15	feed cam spring	1	1	1
11	YTP18	feed cam pin	1	1	1
12	YTP21	feed link	1	1	1
13	YTP22	feed rod rolling pin bearing	1	1	1
14	YTP23	feed crank	1	1	1
15	YTP25	differential link	1	1	1
16	YTP28	differential crank	1	1	1
17	YTP30	pin	1	1	1
18	YTP31	differential shaft bearing	1	1	1
19	YTP32	oil seal	1	1	1
20	YTP33	snap ring	1	1	1
21	YTP34	spring	1	1	1
22	YTP35	washer	1	1	1
23	YTP43	regulating block	1	1	1
24	YTP46	washer	1	1	1
25	YTP59	feed cam	2	2	2
26	YTP60	washer	1	1	0
27	YTP62	differential regulating holder	1	1	1
28	YTP63	regulating screw	1	1	1
29	YTP64	regulating screw spring	1	1	1
30	YTP65	differential regulating link	1	1	1
31	YTP19	crank link cam	0	0	1
1	S452	differential link screw	1	1	1
2	S295	differential crank screw	2	2	2
3	S251	snap ring screw	1	1	1
4	W24	washer	1	1	1
5	W01	washer	1	1	1
6	S262	differential position screw	2	2	2
7	S221	spring screw	1	1	1
8	S259	differential set screw	1	1	1
9	S399	screw	1	1	1
10	S250	differential regulating screw	1	1	1
11	S257	differential regulating screw	1	1	1
12	S270	stitch length	4	4	4
13	S215	feed cam regulating screw	1	1	1
14	S216	feed cam screw	1	1	1
15	S266	screw	1	1	1
16	S261	stitch length screw	1	1	1

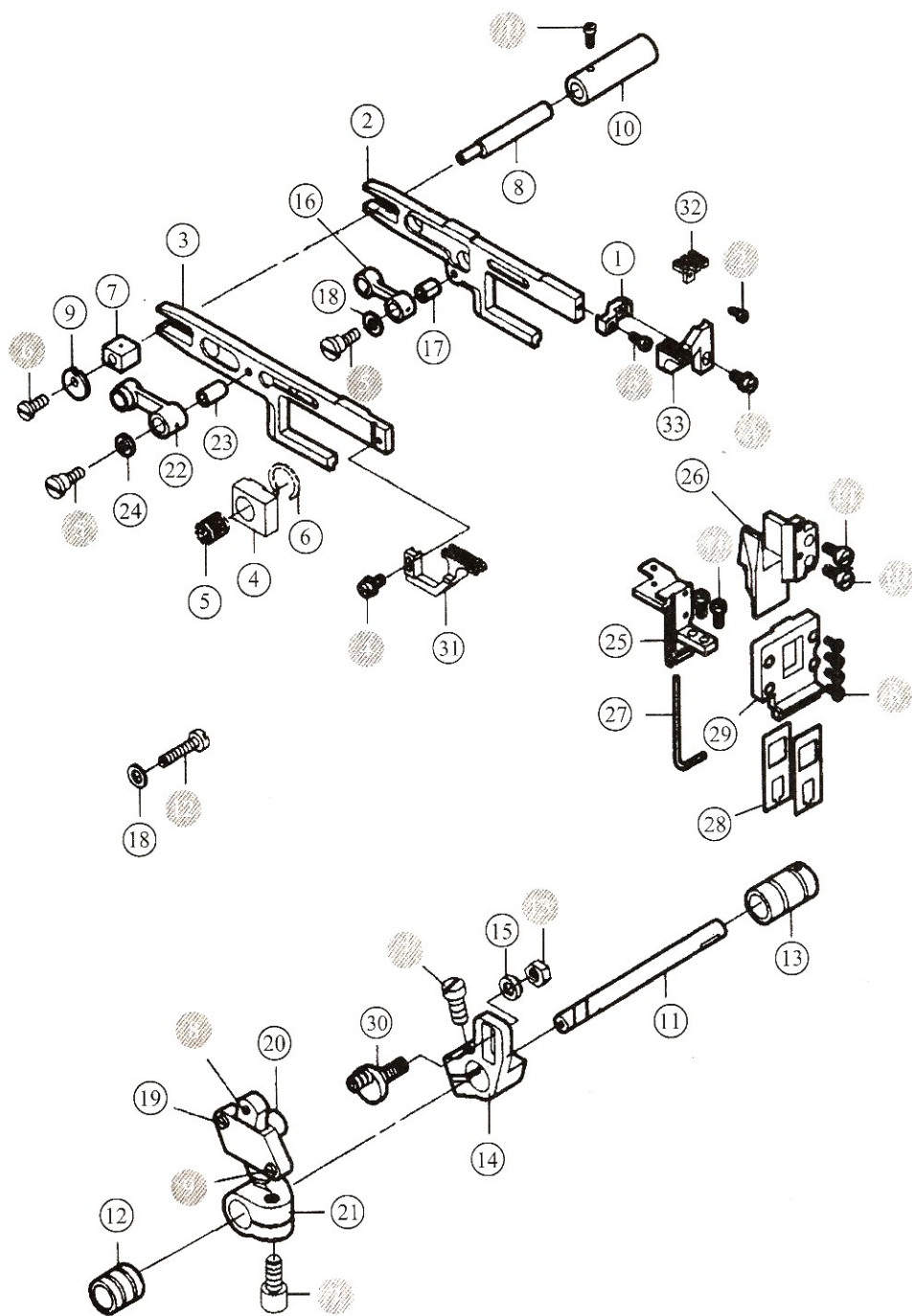
11. Differential feed assemblies



12. Feed dog assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTQ05	dog link plate	1	1	1
2	YTQ07	feed dog holder	1	1	1
3	YTQ10	differential feed dog holear	1	1	1
4	YTQ11	feed dog lift slide block	1	1	1
5	YTQ12	feed dog lift slide block shaft bearing	1	1	1
6	YTQ13	snap ring	1	1	1
7	YTQ14	differential feed slide block	1	1	1
8	YTQ15	slide block eccentric shart	1	1	1
9	YTQ17	differential feed slide block eccentric washer	1	1	1
10	YTQ19	slide block eccentric shaft bushing	1	1	1
11	YTQ21	feed shaft	1	1	1
12	YTQ24	feed shaft bushing(left)	1	1	1
13	YTQ25	feed shaft bushing(right)	1	1	1
14	YTQ28	feed regulating crank	1	1	1
15	YTQ31	washer	1	1	1
16	YTQ33	feed dog holder link	1	1	1
17	YTQ34	feed dog holder link bushing	1	1	1
18	YTQ35	differential feed dog holder link bushing	2	2	2
19	YTQ37	crank slide block cover	1	1	1
20	YTQ38	crank slide block	1	1	1
21	YTQ39	feed regulating crank	1	1	1
22	YTQ40	differential feed dog holder link	1	1	1
23	YTQ41	differential feed dog holder link bushing	1	1	1
24	YTQ42	differential feed dog holder link bushing washer	2	2	2
25	YTQ46	screw oil plate	1	1	1
26	YTQ47	feed dog carrier connection rod	1	1	1
27	YTQ48	sealing connecting ring	1	1	1
28	YTQ49	adjustable oil seal	2	2	2
29	YTQ50	sealing connecting rod	1	1	1
30	YTQ90	feed dog link eccentric shaft	1	1	0
	YTQ30	feed dog link eccentric shaft	0	0	1
31	YTQ32-4	differential dog	1	1	0
	YTQ32-5	differential dog	0	0	1
32	YTQ43	main feed dog	1	1	0
	YTQ44	main feed dog	0	0	1
33	YTQ51	main feed dog	1	1	0
	YTQ52	main feed dog	0	0	1
1	S251	regulating bushing	1	1	1
2	S209	feed dog bushing screw	1	1	1
3	S245	screw	1	1	1
4	S576	main feed dog screw	2	2	2
5	S253	dog holder link	2	2	2
6	S212	feed dog lift slide block screw	1	1	1
7	S612	feed shaft crank screw(right)	2	2	2
8	S221	crank screw(left)	5	5	5
9	S343	crank slide block cover screw	2	2	2
10	S259	tooth rorks screw	1	1	1
11	S277	tooth rorks screw	4	4	4
12		screw	1	1	1
13	N25	feed crank pin shaft nut	1	1	1

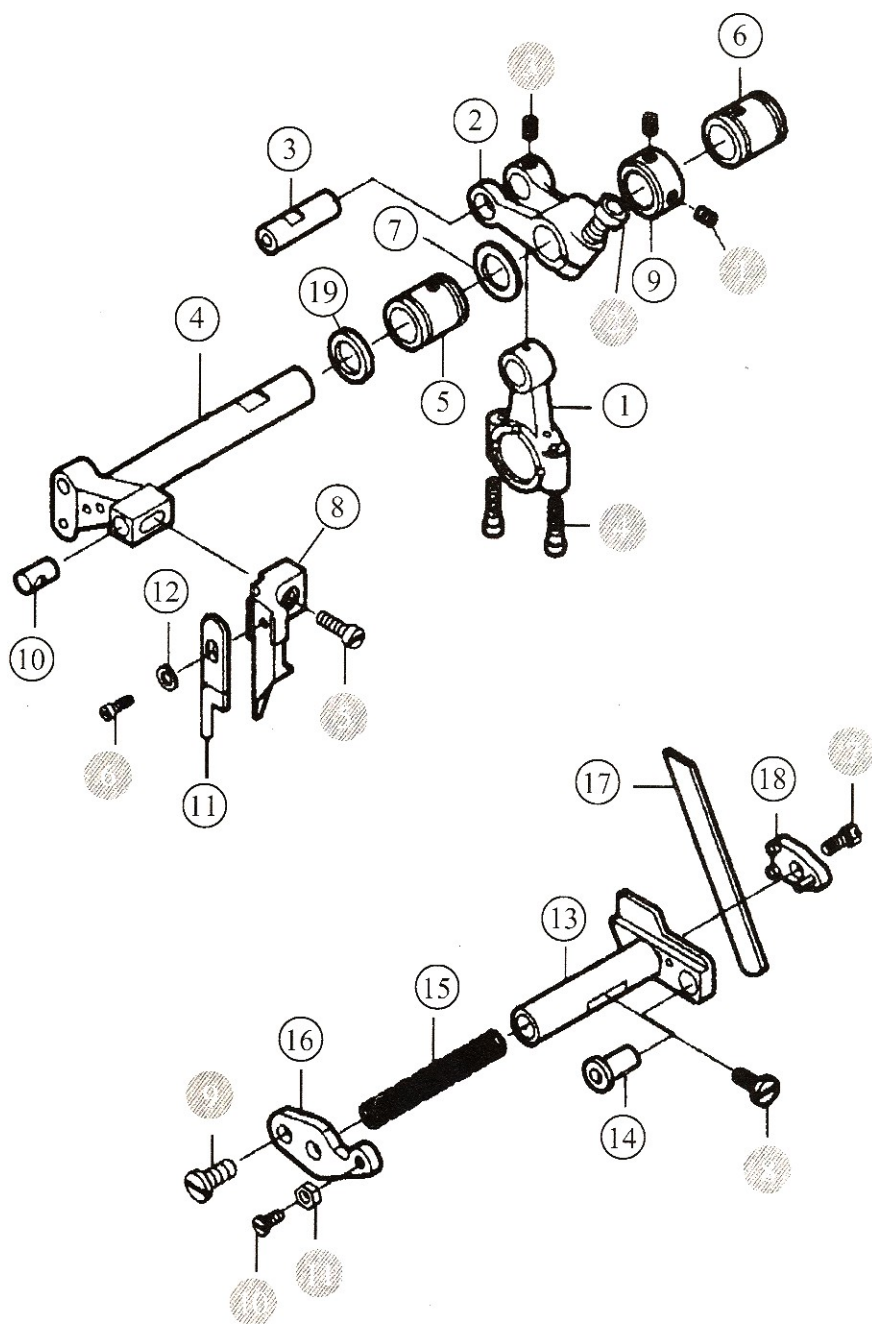
12. Feed fog assemblies



13. Trimming assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTR01	upper knife driving connecting link			
2	YTR03	upper knife crank	1	1	1
	YTR04	upper knife crank	1	1	0
3	YTR07	crank pin	0	0	1
4	YTR09	upper knife frame rock shaft	1	1	1
5	YTR12	upper knife frame rock shaft bushing left	1	1	1
6	YTR13	upper knife frame rock shaft bushing right	1	1	1
7	YTR14	washer	1	1	1
8	YTR20	upper knife holder	1	1	1
	YTR19	upper knife holder	1	1	0
9	YTR21	snap ring	0	0	1
10	YTR22	upper knife holder pin	1	1	1
11	YTR23	upper knife	1	1	1
12	YTR25	washer	1	1	1
13	YTR27	lower knife holder	1	1	1
	YTR26	lower knife holder	1	1	0
14	YTR29	lower knife holder bushing	0	0	1
15	YTR32	lower knife holder spring	1	1	1
16	YTR33	lower knife holder	1	1	1
17	YTR35	lower knife	1	1	1
18	YTR36	lower knife holder locking plate	1	1	1
19	F19	oil sealer	1	1	1
			1	1	1
1	S293	snap ring screw			
2	S612	upper knife crank set screw	2	2	2
3	S270	upper knife crank pin screw	1	1	1
4	S385	upper knife connecting link screw	1	1	1
5	S277	upper knife holder screw	2	2	2
6	S246	upper knife screw	1	1	1
7	S261	lower knife holder locking plate screw	1	1	1
8	S258	lower knife holder locking plate screw	1	1	1
9	S275	lower knife snap plate screw	1	1	1
10	S241	lower knife snap plate screw	1	1	1
11	N23	lower knife snap plate screw	1	1	1
			1	1	1

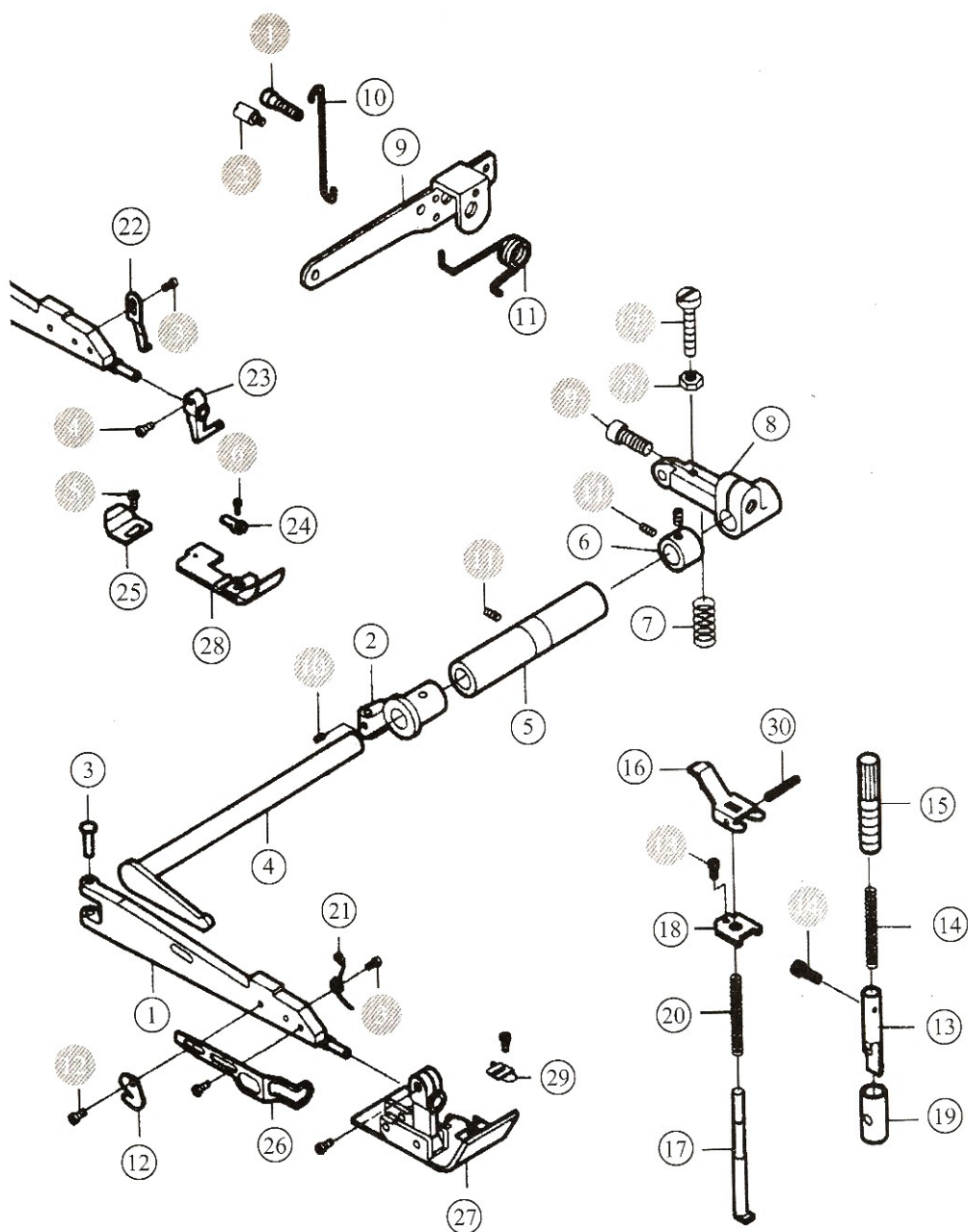
13. Trimming assemblies



14. Presser foot assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTS01	presser foot holder	1	1	1
2	YTS02	presser foot shaft bushing	1	0	1
3	YTS03	presser foot holder pin	1	1	0
4	YTS09	presser foot holder shaft	1	1	1
5	YTS10	presser foot shaft bushing	1	1	1
6	YTS12	presser foot shaft snap ring	1	1	1
7	YTS13	lever spring	1	1	1
8	YTS14	presser foot crank	1	1	1
9	YTS18	presser foot lifting lever	1	1	1
10	YTS20	hook	1	1	1
11	YTS21	spring	1	1	1
12	YTS24	thread cutting knife	1	1	1
13	YTS26	presser bar	1	1	1
14	YTS27	presser bar spring	1	1	1
15	YTS28	presser regulating screw	1	1	1
16	YTS29	presser foot lifting handle	1	1	1
17	YTS30	presser foot lifting pin	1	1	1
18	YTS31	presser foot lifting handle bracket	1	1	1
19	YTS33	presser bar bushing	1	1	1
20	YTS34	presser foot lifting spring	1	1	1
21	YTS44	presser foot	1	1	1
22	YTS54	presser foot holder connecting plate	1	1	1
23	YTS56	presser foot holder	1	1	1
24	YTS58	presser foot base	1	1	1
25	YTS64	presser foot	1	1	1
26	YTS65	presser foot holder cover	1	1	1
27	YTS66	presser foot form	0	1	0
28	YTS67	presser foot base	0	1	0
29	YTS68	lifter presser foot	0	1	0
30	P04	presser foot lifting handle pin	1	1	1
1	S296	screw	1	1	1
2	S255	set screw	1	1	1
3	S219	presser foot holder connecting plate screw	2	2	2
4	S230	presser foot holder screw	1	1	1
5	S208	screw	1	1	1
6	S222	screw	1	1	1
7	S331	presser foot crank screw	1	1	1
8	N26	nut	1	1	1
9	S612	presser foot crank set screw	1	1	1
10	S20	presser foot shaft snap washer screw	3	3	3
11	S21	screw	1	1	1
12	S65	thread cutting knife screw	2	2	2
13	S213	presser foot lifting handle screw	1	1	1
14	S437	Presser bar screw	1	1	1

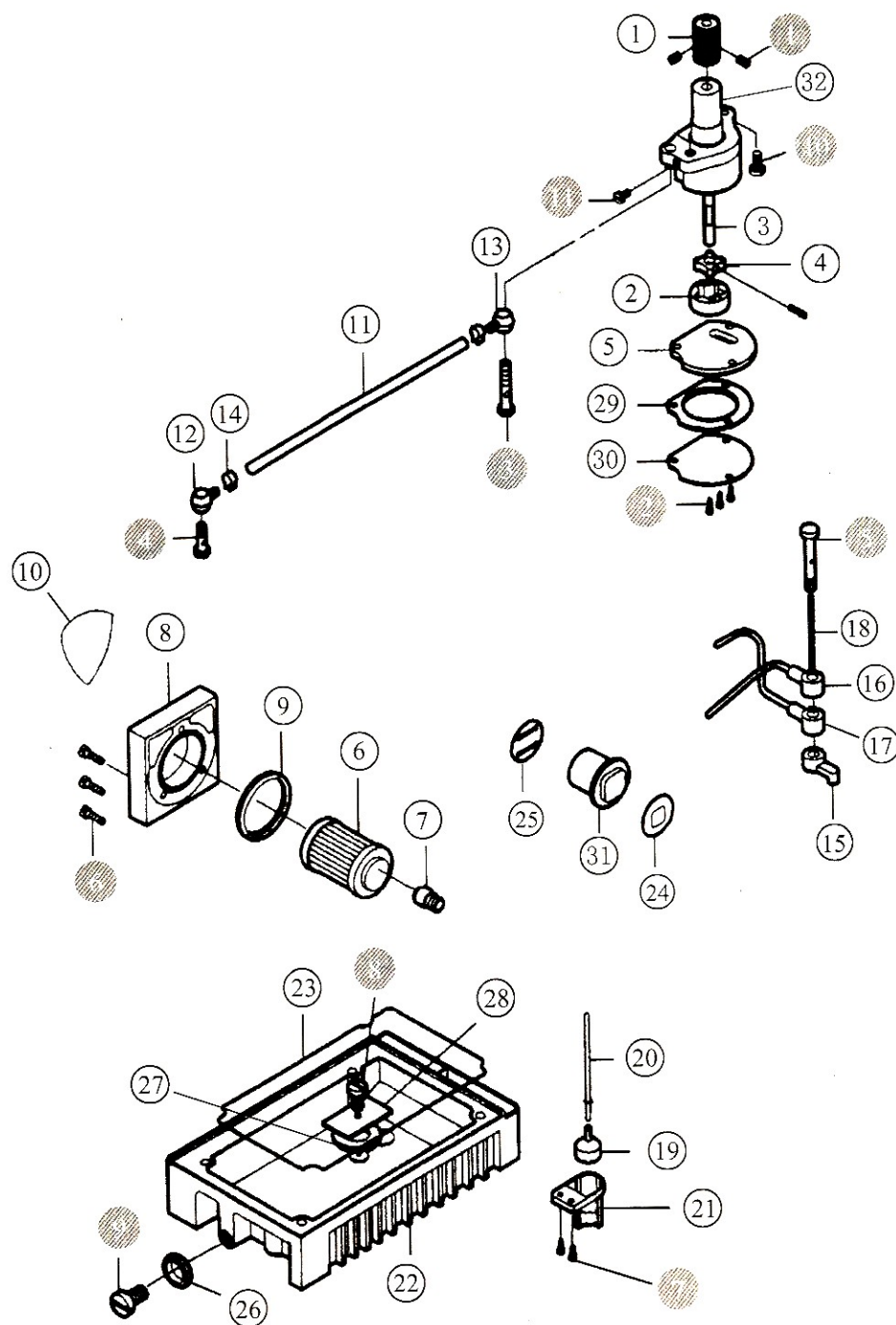
14. Presser foot assemblies



15. Lubrication assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442
1	YTT04	oil pump worn gear	1	1	1
2	YTT06	oil pump rotator bushing	1	1	1
3	YTT07	oil pump rotator shaft	1	1	1
4	YTT09	oil pump rotator	1	1	1
5	YTT12	oil pump cover plate	1	1	1
6	YTT14	oil cleaner	1	1	1
7	YTT15	oil cleaner joint	1	1	1
8	YTT16	oil cleaner cover	1	1	1
9	YTT17	oil cleaner cover seal ring	1	1	1
10	YTT18	indicating plate	1	1	1
11	YTT22	oil tube	1	1	1
12	YTT24	oil tube joint	1	1	1
13	YTT25	oil tube joint	1	1	1
14	YTT26	oil tube sharp ring	1	1	1
15	YTT38	lubricate bushing	4	4	4
16	YTT39	upper screen	1	1	1
17	YTT40	lower screen	1	1	1
18	YTT41	regulating pin	1	1	1
19	YTT46	oil show bracket	1	1	1
20	YTT47	oil show cleaner link	1	1	1
21	YTT49	oil show cleaner guard	1	1	1
22	YTT51	oil pan	1	1	1
23	YTT52	oil pan washer	1	1	1
24	YTT54	sticker	1	1	1
25	YTT55	oil dial	1	1	1
26	YTT56	oil seal	1	1	1
27	YTT57	oil pan magnet	1	1	1
28	YTT58	oil pan magnet cover	1	1	1
29	YTT64	oil screen holder	1	1	1
30	YTT65	oil screen felt	1	1	1
31	YTT74	vernier bow	1	1	1
32	YTT03	oil pump asm	1	1	1
1	S292	oil pump worn gear screw	2	2	2
2	S245	oil cleaner screw	3	3	3
3	S419	oil tube joint screw	1	1	1
4	S304	oil tube joint screw	1	1	1
5	S286	oil screen screw	1	1	1
6	S265	oil screen cover screw	1	1	1
7	S269	oil bow finger screw	3	3	3
8	S262	oil pan magnet cover screw	2	2	2
9	S310	oil pan oil screw	1	1	1
10	S278	oil pump screw	1	1	1
11	S308	oil pumps asm screw	1	1	1

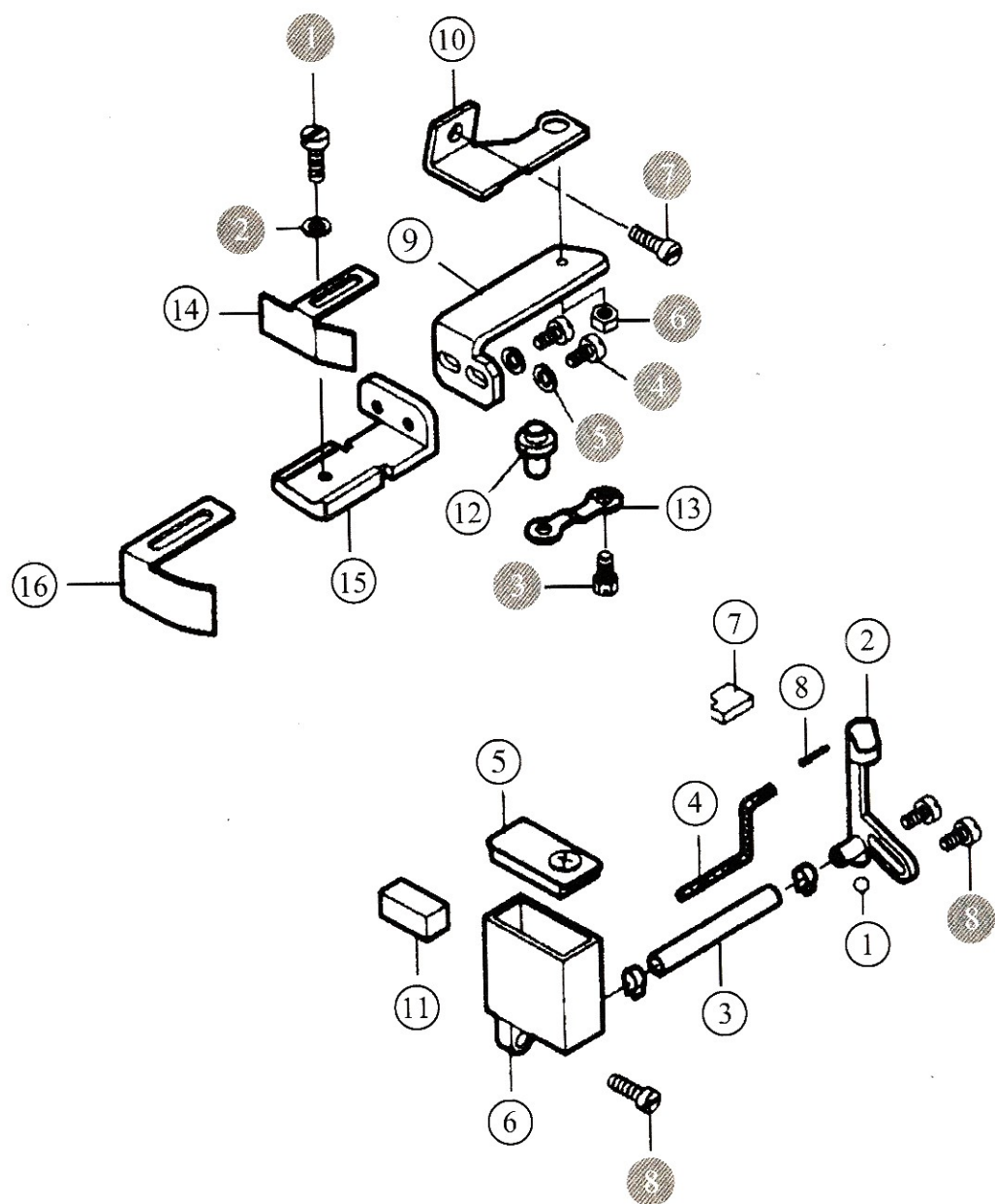
15. Lubrication assemblies



16. Feed snap assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTV02	oil seal	1	1	1
2	YTV14	needle cooler	1	1	0
	YTV15	needle cooler	0	0	1
3	YTV20	oil tube bracket	1	1	1
4	YTV21	oil wick	1	1	1
5	YTV22	lower oil cover	1	1	1
6	YTV23	lower oil box	1	1	1
7	YTV24	oil felt	1	1	0
	YTV25	oil felt	0	0	1
8	YTV26	oil wick	1	1	1
9	YTV28	cloth guide holder	1	1	1
10	YT V27	hinge plate	1	1	1
11	YTV29	oil felt block	1	1	1
12	YTV34	hinge pin	1	1	0
13	YTV35	snap plate	1	1	1
14	YTV40	snap plate bracket	1	1	1
15	YTV43	snap plate	0	0	1
16	YTV39				
1	S266	snap plate screw	1	1	1
2	P46	washer	1	1	1
3	S239	hinge spring screw	1	1	1
4	S246	hinge screw	2	2	2
5	W09	washer	2	2	2
6	N26	nut	1	1	1
7	S277	cloth guide holder screw	1	1	1
8	S262	needle cooler screw	3	3	3

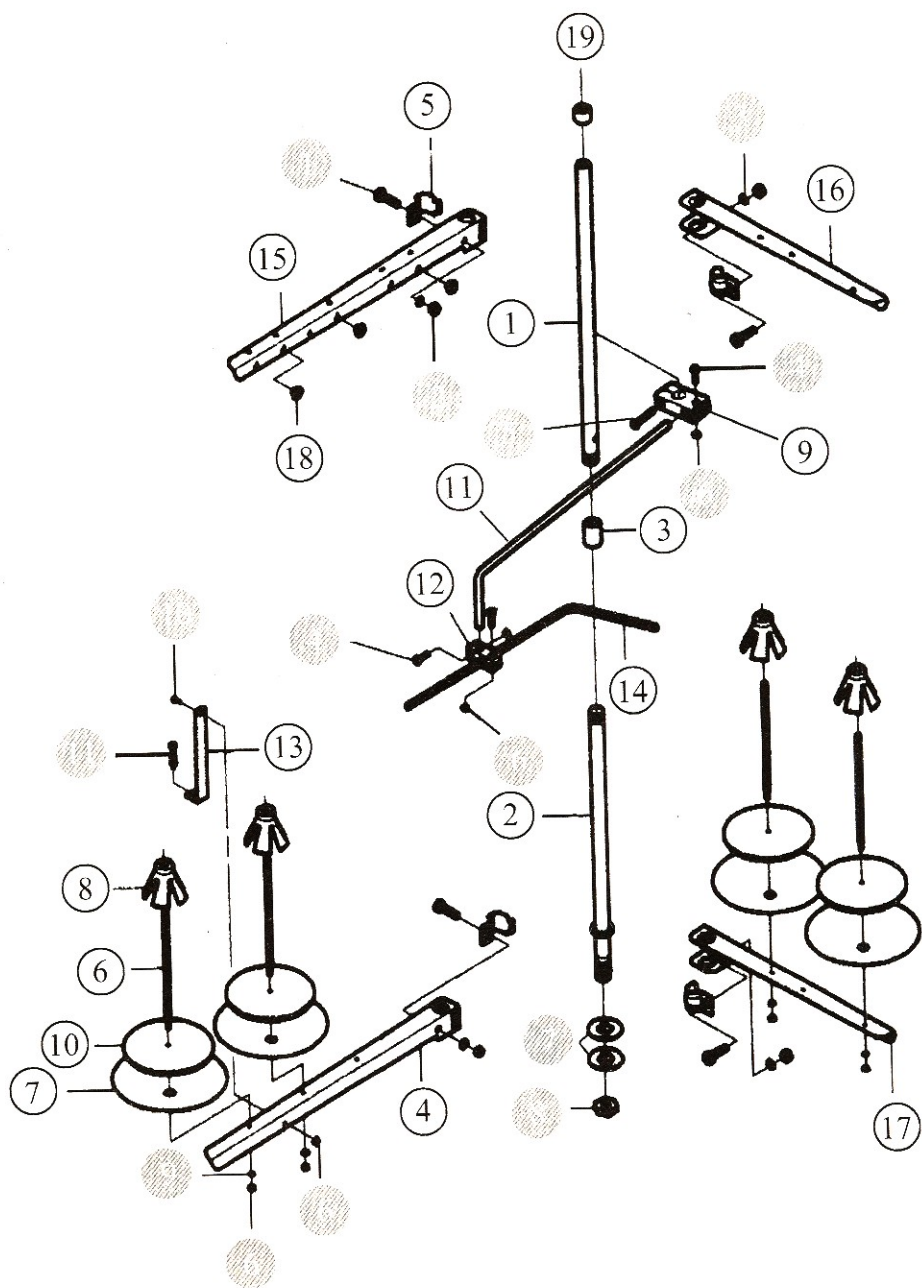
16. Feed assemblies



17. Thread spool assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTW01	upper thread colum	1	1	1
2	YTW02	lower thread colum	1	1	1
3	YTW03	bushing	1	1	1
4	YTW04	long thread spool troy bracket	1	1	1
5	YTW05	thread guide hook	4	4	4
6	YTW09	spool pin	3	4	5
7	YTW12	spool tray	3	4	5
8	YTW13	centering device	3	4	5
9	YTW14	clamp plate	1	1	1
10	YTW15	spool tray cushion	3	4	5
11	YTW17	thread tuide connecting bar	1	1	1
12	YTW20	thread guide joint	1	1	1
13	YTW22	thread stable holder	1	1	1
14	YTW23	thread guide bar	1	1	1
15	YTW26	thread spool tray bracket	1	1	1
16	YTW28	thread guide plate	1	1	1
17	YTW29	thread spool tray srocket	1	1	1
18	YTW32	thread guide hook	3	3	3
19	YTW36	rubber seal	1	1	1
1	S421	thread guide hook screw	4	4	4
2	N31	thread guide hook screw	4	4	4
3	S01	thread guide washer	4	4	4
4	S386	clamp plate screw	3	3	3
5	S281	clamp holder screw	1	1	1
6	N29	nut	8	8	8
7	W25	lower washer	2	2	
8	N30	nut	1	1	1
9	S04	nut	4	4	4
10	S420	thread stand holder screw	1	1	1
11	S422	thread stand holder joint screw	1	1	1

17. Thread spool assemblies



18. Tray row material assemblies

No	Part No	Description	(Number)		
			2431A	2432A	2442A
1	YTX01	machine head plate	1	1	1
2	YTX02	head shockproof cushion			
3	YTX04	screw	4	4	4
4	YTX05	screw	4	4	4
5		washer	4	4	4
6	YTX09	tray dog link bushing	16	16	16
7	YTX10	row material trollgh bracket	1	1	1
8	YTX12	row material trollgh(1)	1	1	1
9	YTX13	row material trollgh(2)	1	1	1
10		spring washer	4	4	4
1	S391	row material seat screw	3	3	3
2	SW21	row material washer	4	4	4
3	S392	row material screw	4	4	4

18. Tray assemblies

