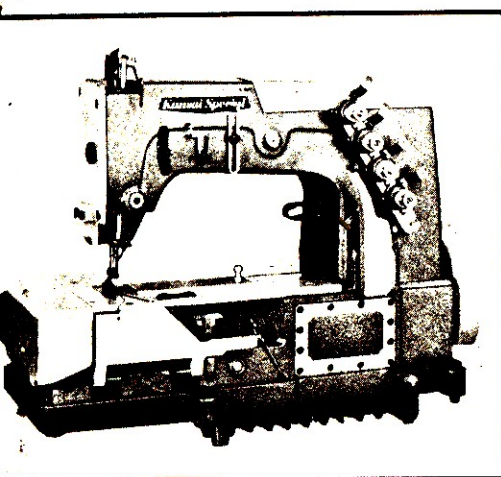
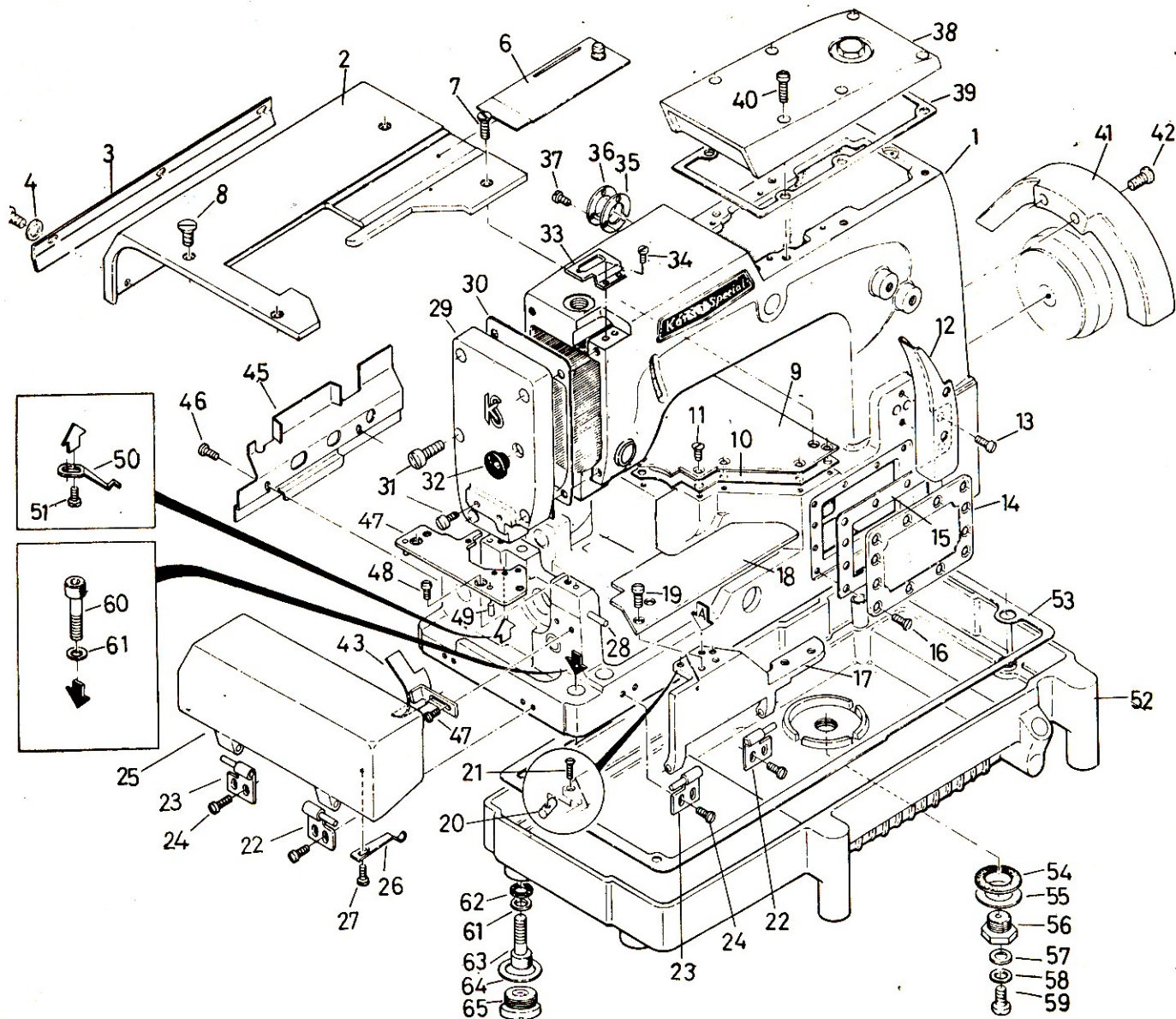


Kansai Special

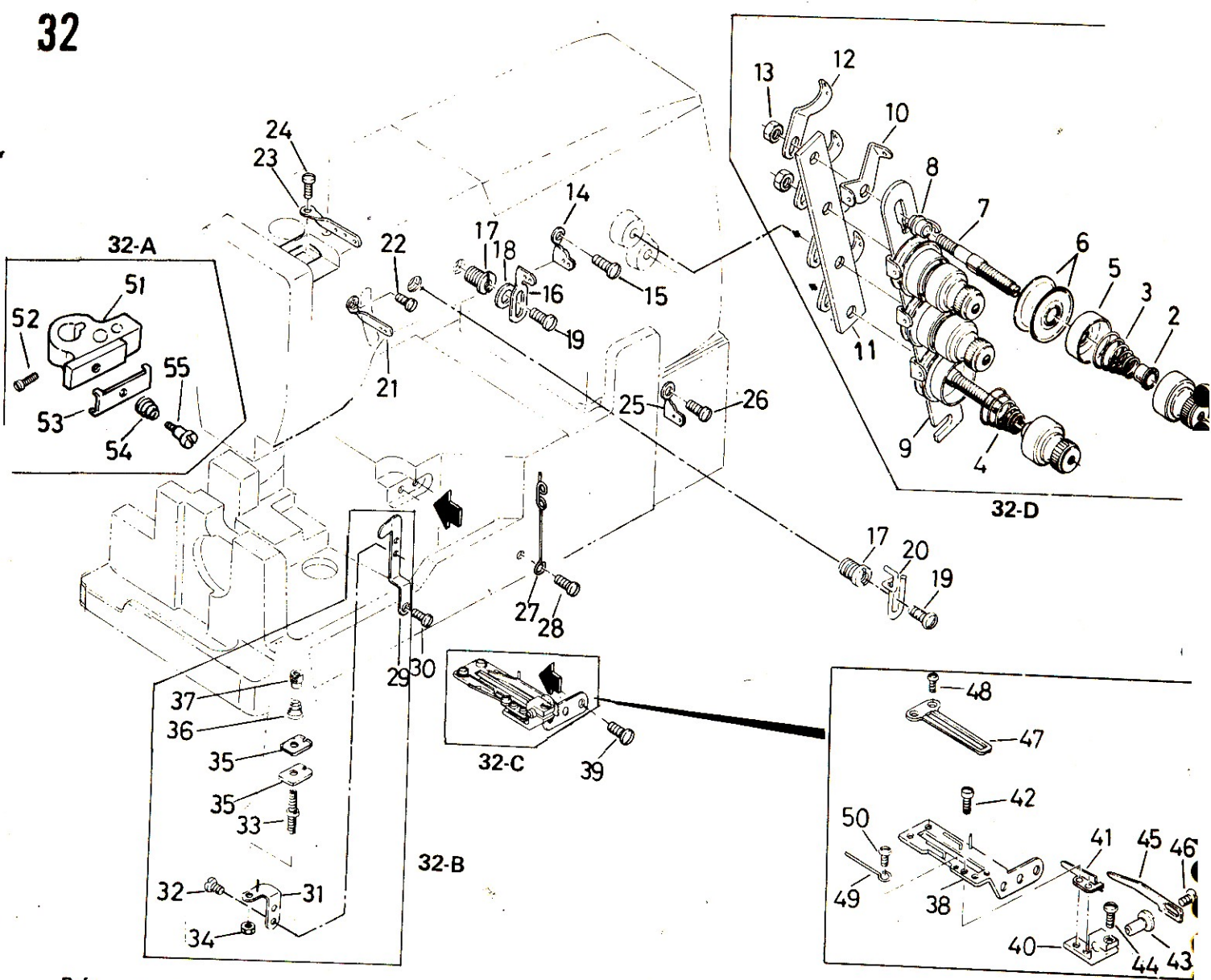


INDUSTRIAL SEWING MACHINE
PARTS LIST
DPW

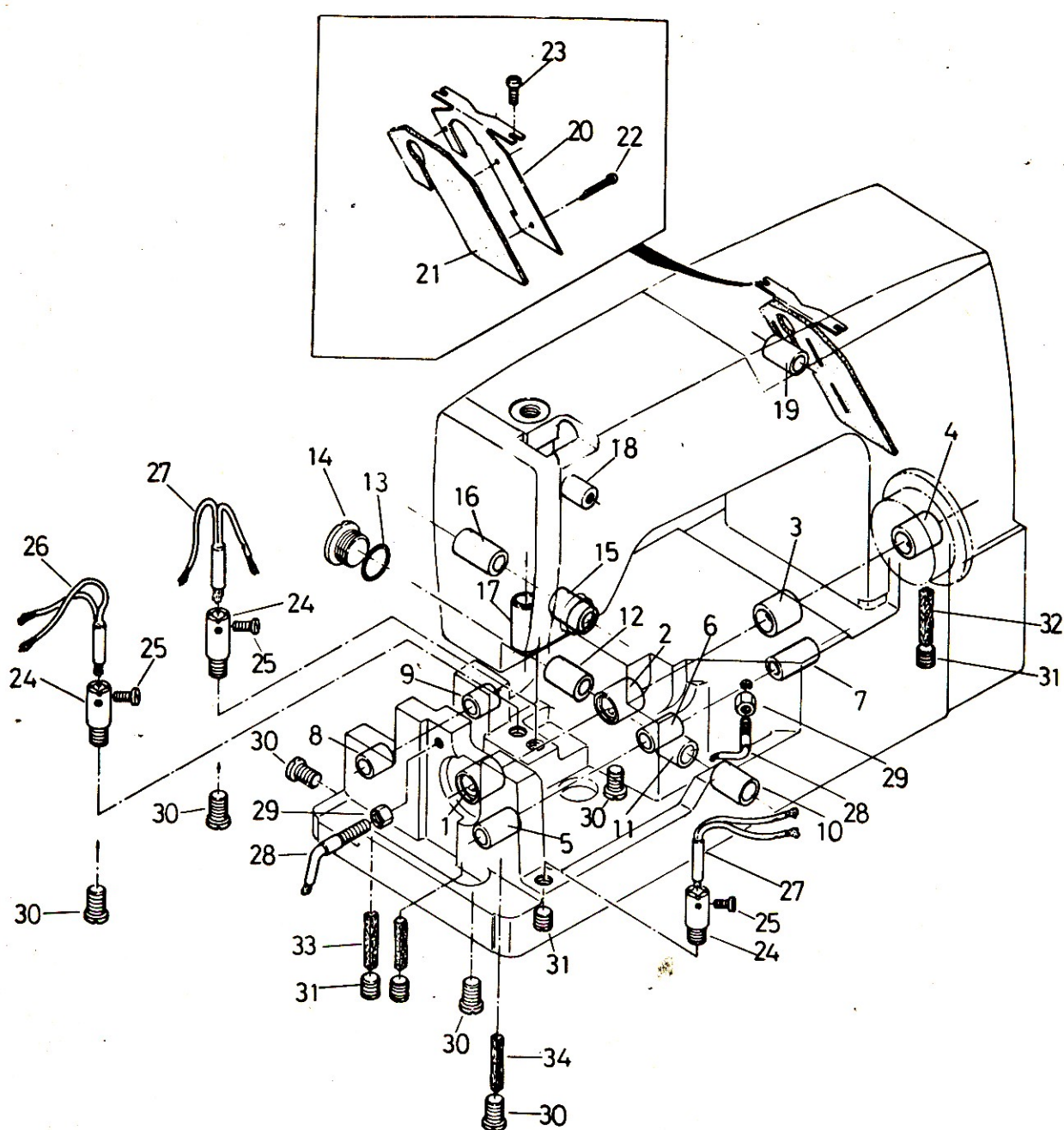
MORIMOTO MFG. CO., LTD.



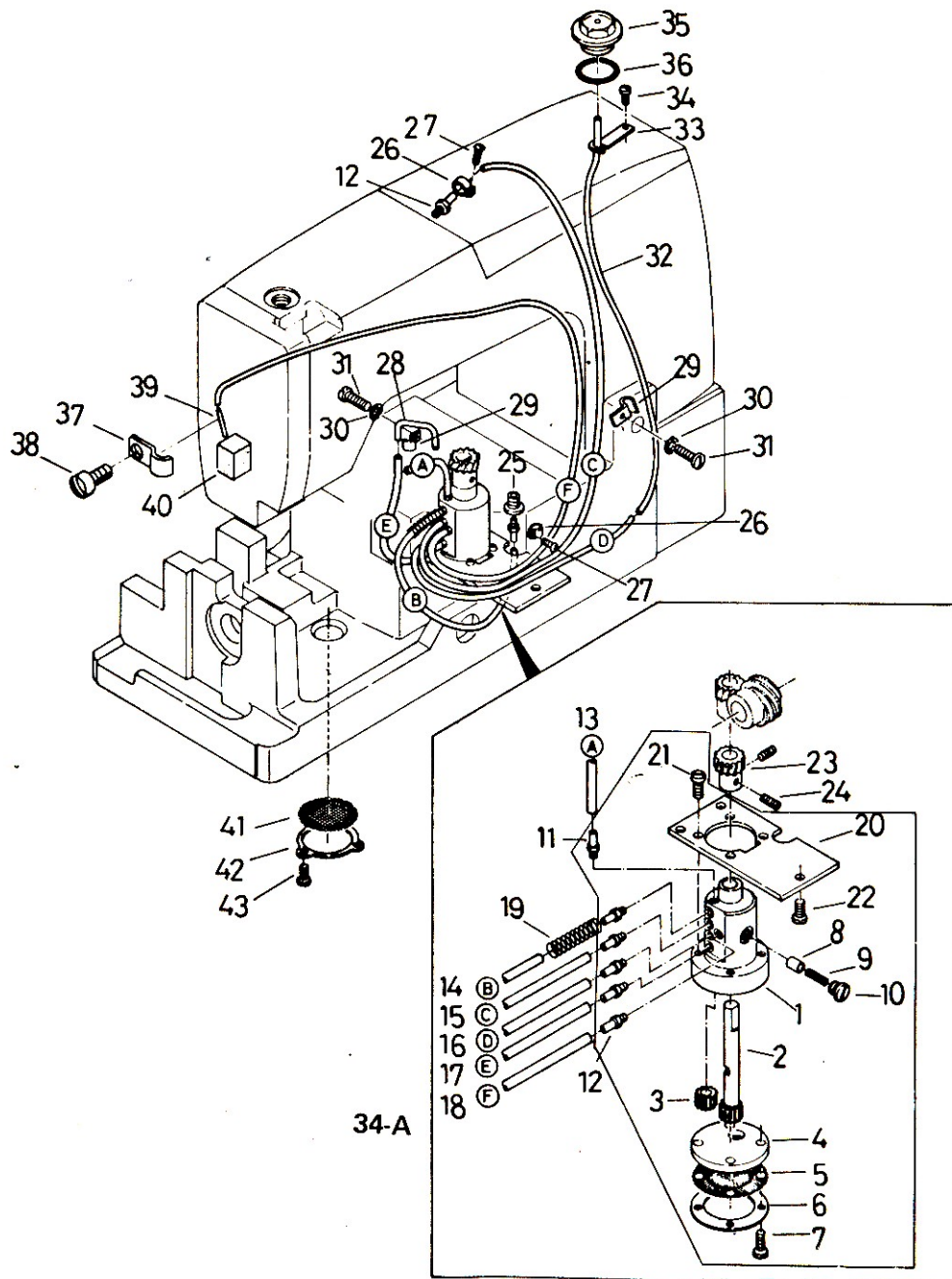
Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
31-1	22-302	Arm bed	1	31-34	85-611	Screw	2
31-2	21-501	Upper cloth plate	1	31-35	23-263	Oil seal plate gasket	1
31-3	21-441	Supporting cover	1	31-36	39-108	Oil seal plate B	1
31-4	75-455	Washer	3	31-37	84-162	Screw	3
31-5	84-574	Screw	3	31-38	21-206	Crank chamber oil cover F	1
31-6	21-521	Slide plate A	1	31-39	23-206	Crank chamber oil cover gasket F	1
31-7	84-861	Screw A	2	31-40	84-579	Screw	6
31-8	84-862	Screw B	2	31-41	21-401	Pulley cover	1
31-9	21-513	Oil reservoir top cover	1	31-42	84-571	Screw	2
31-10	23-223	Oil reservoir top cover gasket	1	31-43	21-341	Feed rocker eccentric link cover	1
31-11	84-661	Screw	8	31-44	84-571	Screw	2
31-12	21-131	Tension post cover	1	31-45	21-303	Feed rocker oil fence	1
31-13	84-361	Screw	2	31-46	84-362	Screw	2
31-14	21-121	Oil reservoir front cover	1	31-47	14-031	Needle plate support	1
31-15	23-231	Oil reservoir front cover gasket	1	31-48	84-761	Screw	2
31-16	84-664	Screw	12	31-49	71-311	Needle plate support knock pin	2
31-17	21-101	Ruler holder	1	31-50	79-501	Ruler holder spring	1
31-18	21-112	Puller plate A	1	31-51	84-361	Screw	2
31-19	84-572	Screw	2	31-52	31-203	Oil reservoir	1
31-20	71-401	Puller holder back spring rod	1	31-53	23-402	Oil reservoir gasket B	1
31-21	84-462	Screw	1	31-54	23-299	Drain gasket	1
31-22	25-101	Hinge right	2	31-55	75-469	Drain washer	1
31-23	25-102	Hinge left	2	31-56	87-810	Drain cover screw	1
31-24	84-571	Screw	8	31-57	23-301	Seal gasket C	1
31-25	21-301	Side cloth plate	1	31-58	75-453	Washer	1
31-26	79-502	Side cloth plate spring	1	31-59	84-761	Screw	1
31-27	84-571	Screw	1	31-60	84-626	Screw	2
31-28	71-301	Side cloth plate spring pin	1	31-61	75-446	Oil reservoir washer	2
31-29	21-320	Head cover	1	31-62	23-293	Seal gasket C	4
31-30	23-216	Head cover gasket	1	31-63	35-627	Screw	2
31-31	84-566	Screw	6	31-64	23-302	Gasket	2
31-32	23-161	Head cover oil seal cover	1	31-65	87-756	Screw	2
31-33	21-431	Cover	1				



Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
32-1	41-101	Tension regulating nut		32-29	41-212	Looper thread guide eyelet	1
32-2	41-105	Tension disc ratchet		32-30	84-362	Screw	1
32-3	41-701	Needle thread tension spring		2-31	41-211	Small tension disc holder	1
32-4	41-702	Looper thread tension spring	2	32-32	84-361	Screw	1
32-5	41-107	Tension disc cover	2	32-33	41-271	Small tension disc rod	1
32-6	41-111	Tension disc		32-34	86-211	Nut	1
32-7	41-172	Tension post		32-35	41-201	Small tension disc	2
32-8	41-131	Tension post collar A		32-36	41-721	Small tension disc spring	1
32-9	41-113	Tension post support	1	32-37	86-251	Nut	1
32-10	41-115	Tension post thread eyelet		32-38	43-101		
32-11	41-121	Tension post holder	1	32-39	84-571	Screw	2
32-12	41-117	Lead in thread eyelet		32-40	43-111	Fixing base	1
32-13	86-411	Nut	2	32-41	43-103	Retainer, lower	1
32-14	47-101	Thread eyelet	1	32-42	84-162	Screw	2
32-15	84-362	Screw	1	32-43	43-112	Fixing pin	2
32-16	45-101	Needle thread eyelet	1	32-44	84-363	Screw	1
32-17	85-531	Fixing base	2	32-45	43-104	Retainer, upper	1
32-18	75-456	Washer	1	32-46	84-363	Screw	1
32-19	84-571	Screw	2	32-47	43-102	Plate spring	1
32-20	45-211	Needle thread adjusting eyelet	1	32-48	84-162	Screw	2
32-21	45-121	Needle lever thread eyelet	1	32-49	43-105	Guide pin	1
32-22	84-361	Screw	1	32-50	84-161	Screw	1
32-23	45-131	Needle bar thread eyelet	1	32-51	41-303	Thread nipper base	1
32-24	84-363	Screw	1	32-52	84-361	Screw	1
32-25	47-102	Thread eyelet 2	1	32-53	42-142	Thread nipper	1
32-26	84-362	Screw	1	32-54	41-721	Spring	1
32-27	47-202	Looper thread guide	1	32-55	84-171	Screw	1
32-28	84-362	Screw	1				
32-A	Thread nipper ass'y			32-C	Cast-off support plate ass'y		
32-B	Looper thread nipper ass'y			32-D	Thread tension		

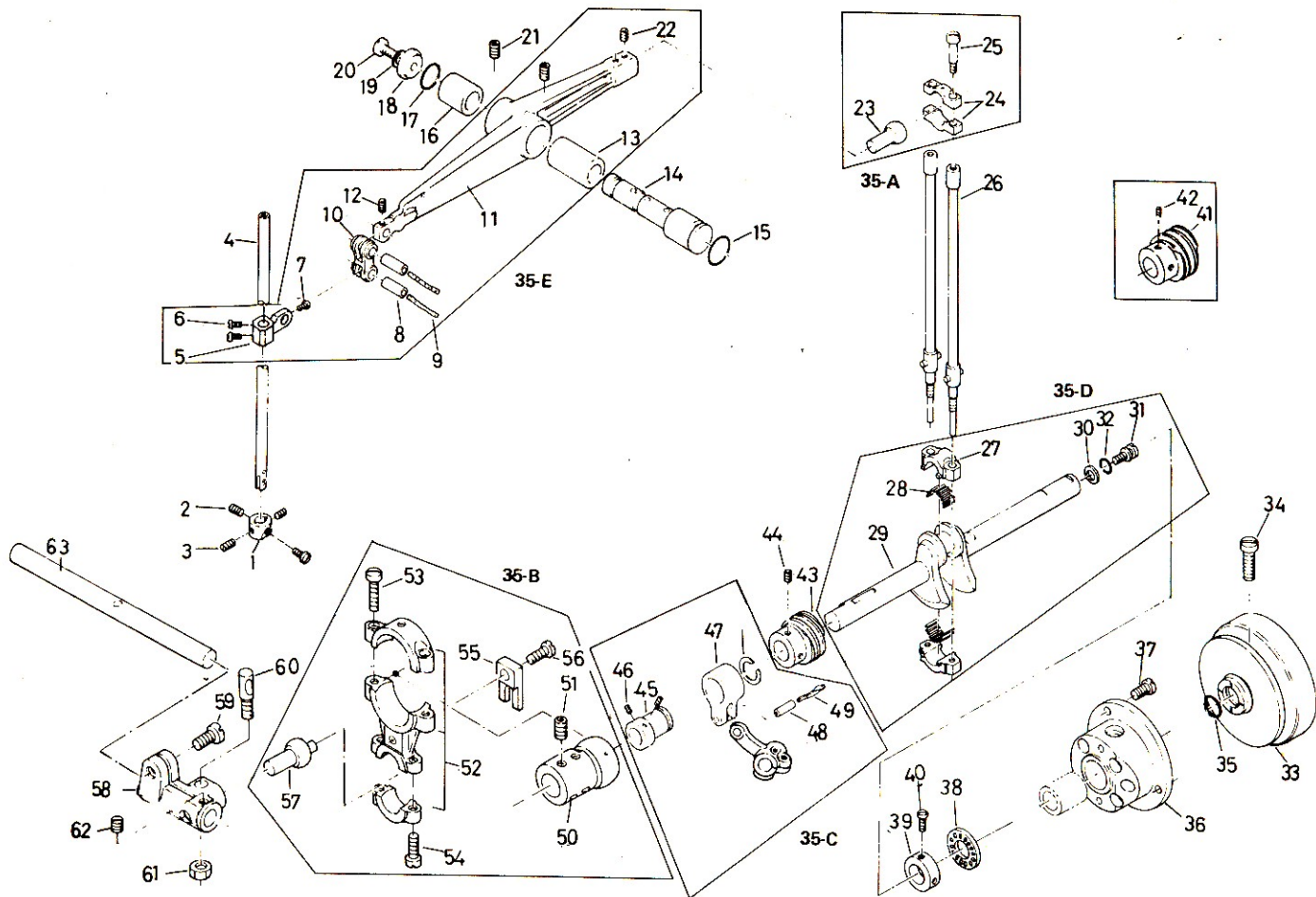


Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
33-1	81-106	Main shaft bushing A	1	33-18	81-201	Bushing for spring set screw	1
33-2	81-107	Main shaft bushing B	1	33-19	81-252	Presser foot lifter lever bushing	1
33-3	81-108	Main shaft bushing C	1	33-20	39-128	Fence B	1
33-4	81-110	Flange bushing	1	33-21	23-372	Fence felt B	1
33-5	81-126	Looper rocker shaft bushing A	1	33-22	93-621	Pin	1
33-6	81-127	Looper rocker shaft bushing B	1	33-23	84-161	Screw	7
33-7	81-128	Looper rocker shaft bushing C	1	33-24	35-191	Oil tube support	4
33-8	81-131	Feed rocker shaft bushing A	1	33-25	84-366	Screw	3
33-9	81-132	Feed rocker shaft bushing B	1	33-26	35-101	Feed rocker tubing A	3
33-10	81-333	Looper drive lever shaft bushing A	1	33-27	35-102	Feed rocker tubing B	1
33-11	81-134	Looper drive lever shaft bushing B	1	33-28	35-111	Feed rocker eccentric link tubing	2
33-12	81-135	Looper drive lever shaft bushing C	1	33-29	86-501	Nut	2
33-13	23-190	O-ring	1	33-30	85-521	Oil tube holder screw A	2
33-14	87-311	Screw	1	33-31	85-501	Oil tube holder screw B	9
33-15	81-151	Needle bar frame shaft bushing	2	33-32	23-381	Felt large	4
33-16				33-33	23-382	Felt medium	2
33-17	81-153	Presser bar bushing	1	33-34	23-383	Felt small	2



Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
34-1	31-401	Oil pump body C	1	34-23	31-409	Gear	1
34-2	31-406	Gear E (main)	1	34-24	84-521	Screw	2
34-3	31-407	Gear E (support)	1	34-25	85-531	Fixing screw	1
34-4	31-403	Pump body cover C	1	34-26	31-341	Tube clamp	1
34-5	31-404	Pump body mesh	1	34-27		Screw	1
34-6	31-405	Mesh frame	1	34-28	35-259	Tubing	1
34-7	84-571	Screw	4	34-29	39-133	Tube support C	2
34-8	31-305	Pump valve	1	34-30	23-291	Gasket	1
34-9	31-306	Spring	1	34-31	84-363	Screw	1
34-10	31-307	Screw	1	34-32	35-252	Tubing	1
34-11	31-314	Vinyl tube coupling C	5	34-33	39-136	Support	1
34-12	31-364	Vinyl tube coupling E	2	34-34	84-161	Screw	1
34-13		Tube large (75ℓ)		34-35		Siphone case	
34-14		Tube large (230ℓ)		34-36	39-231	O-ring	1
34-15		Tube large (410ℓ)		34-37	39-132	Tube support	1
34-16		Tube large (230ℓ)		34-38	84-361	Screw	1
34-17		Tube large (230ℓ)		34-39	35-257	Tube	1
34-18		Tube small (600ℓ)		34-40	23-366	Felt	1
34-19	79-236	Spring	1	34-41	31-310	Dust mesh	1
34-20	31-402	Body fixing plate	1	34-42	39-102	Mesh frame	1
34-21	84-566	Screw	4	34-43	84-362	Screw	1
34-22	84-572	Screw	3				

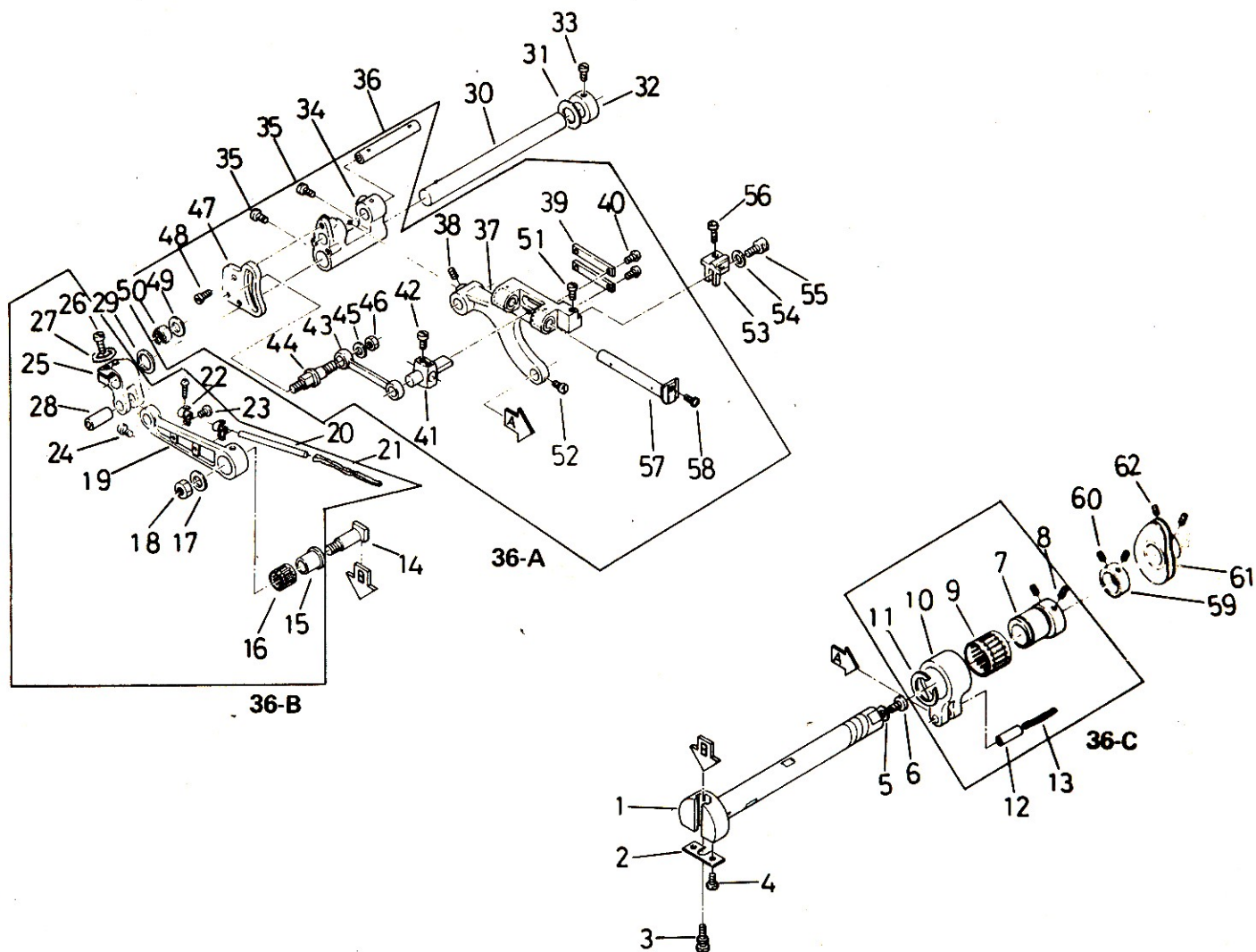
34-A Oil pump ass'y



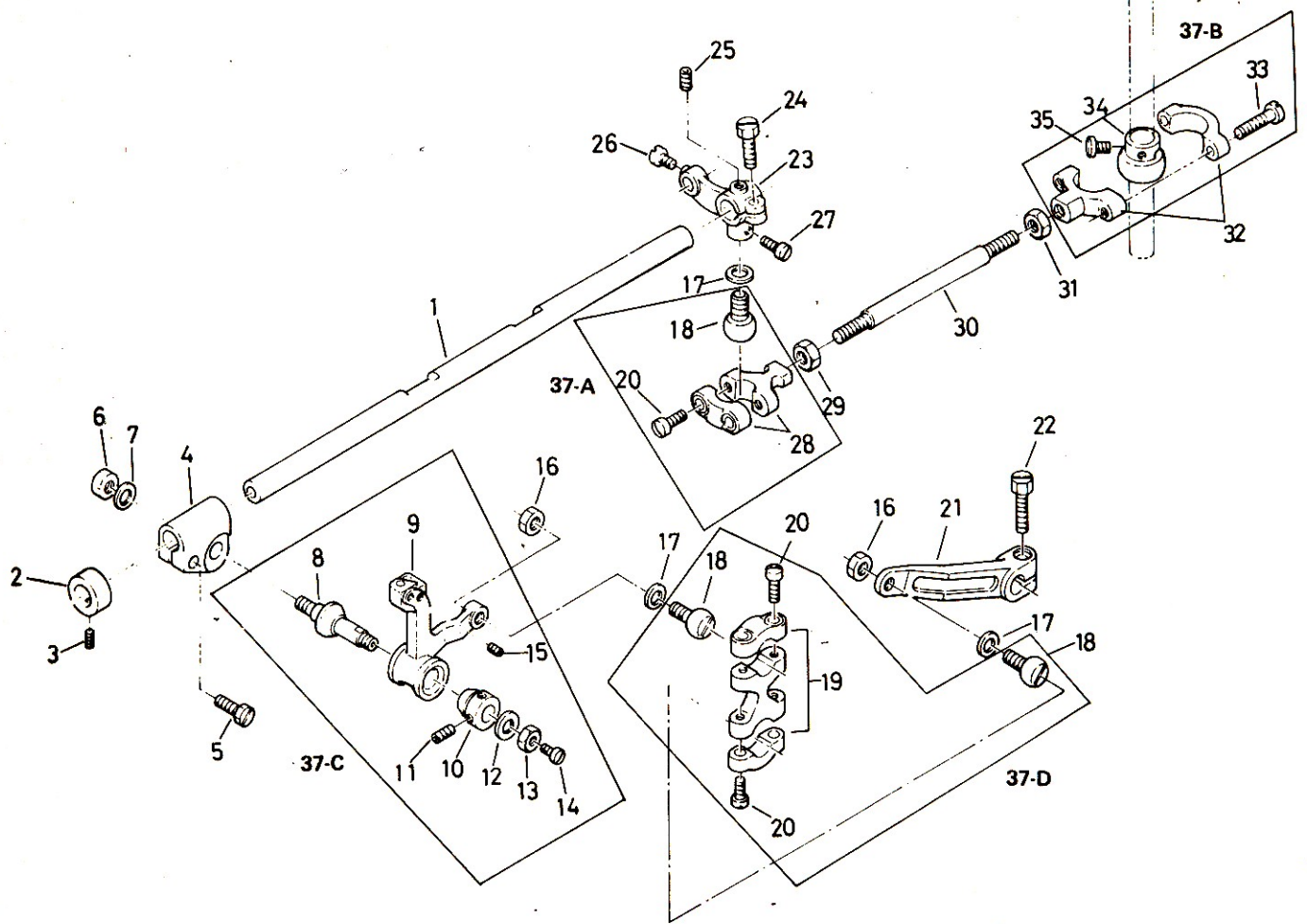
Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
35-1	12-702	Needle clamp	1	35-33	69-203	Pulley	1
35-2	84-513	Screw	1	35-34	85-113	Screw	2
35-3	84-511	Screw	2	35-35	23-197	O-ring	1
35-4	11-301	Needle bar	1	35-36	69-302	Flange E	1
35-5	73-111	Needle bar holder	1	35-37	84-566	Screw	1
35-6	84-575	Screw	2	35-38	91-213	Bearing	1
35-7	84-365	Screw	2	35-39	75-112	Crank shaft collar	1
35-8	71-432	Needle bar connection link pin	2	35-40	84-571	Screw	2
35-9	23-341	Felt	2	35-41	03-115	Worm wheel	1
35-10	66-111	Needle bar connection link	1	35-42	84-761	Screw	2
35-11	69-105	Needle lever T	1	35-43	31-410	Worm gear	1
35-12	84-365	Screw	1	35-44	84-718	Screw	2
35-13	81-113	Needle lever bushing	1	35-45	61-311	Looper avoid eccentric	1
35-14	71-933	Needle lever stud	1	35-46	84-712	Screw	2
35-15	23-195	O-ring	1	35-47	63-311	Eccentric link	1
35-16	81-412	Needle lever stud bushing	1	35-48	71-431	Eccentric link pin	1
35-17	23-195	O-ring	1	35-49	23-341	Felt	1
35-18	39-107	Oil seal washer	1	35-50	61-511	Looper driving eccentric A	1
35-19	23-294	Gasket	1	35-51	85-113	Screw	6
35-20	85-182	Screw	1	35-52	63-511	Looper driving ball joint	1
35-21	85-114	Screw	2	35-53	84-568	Screw	2
35-22	85-113	Screw	2	35-54	84-567	Screw	2
35-23	61-722	Needle lever connecting rod	1	35-55	69-121	Guide fork	1
35-24	63-721	Ball-joint for connecting rod	1	35-56	84-591	Screw	1
35-25	84-586	Screw	2	35-57	61-712	Looper driving connecting rod A	1
35-26	65-311	Connecting bar	2	35-58	69-131	Looper driving lever bracket	1
35-27	63-331	Ball-joint for crank shaft large	1	35-59	84-812	Screw	1
35-28	91-011	Needle roller for crank shaft	28	35-60	71-451	Fixing pin	1
35-29	71-875	Crank shaft 3MB	1	35-61	86-411	Nut	1
35-30	23-292	Gasket	1	35-62	84-716	Screw	1
35-31	84-536	Screw	1	35-63	71-611	Looper driving shaft	1
35-32	23-183	O-ring	1				

35-A. Needle lever connecting rod ass'y
35-B. Looper driving ball joint ass'y
35-C. Looper avoid eccentric ass'y

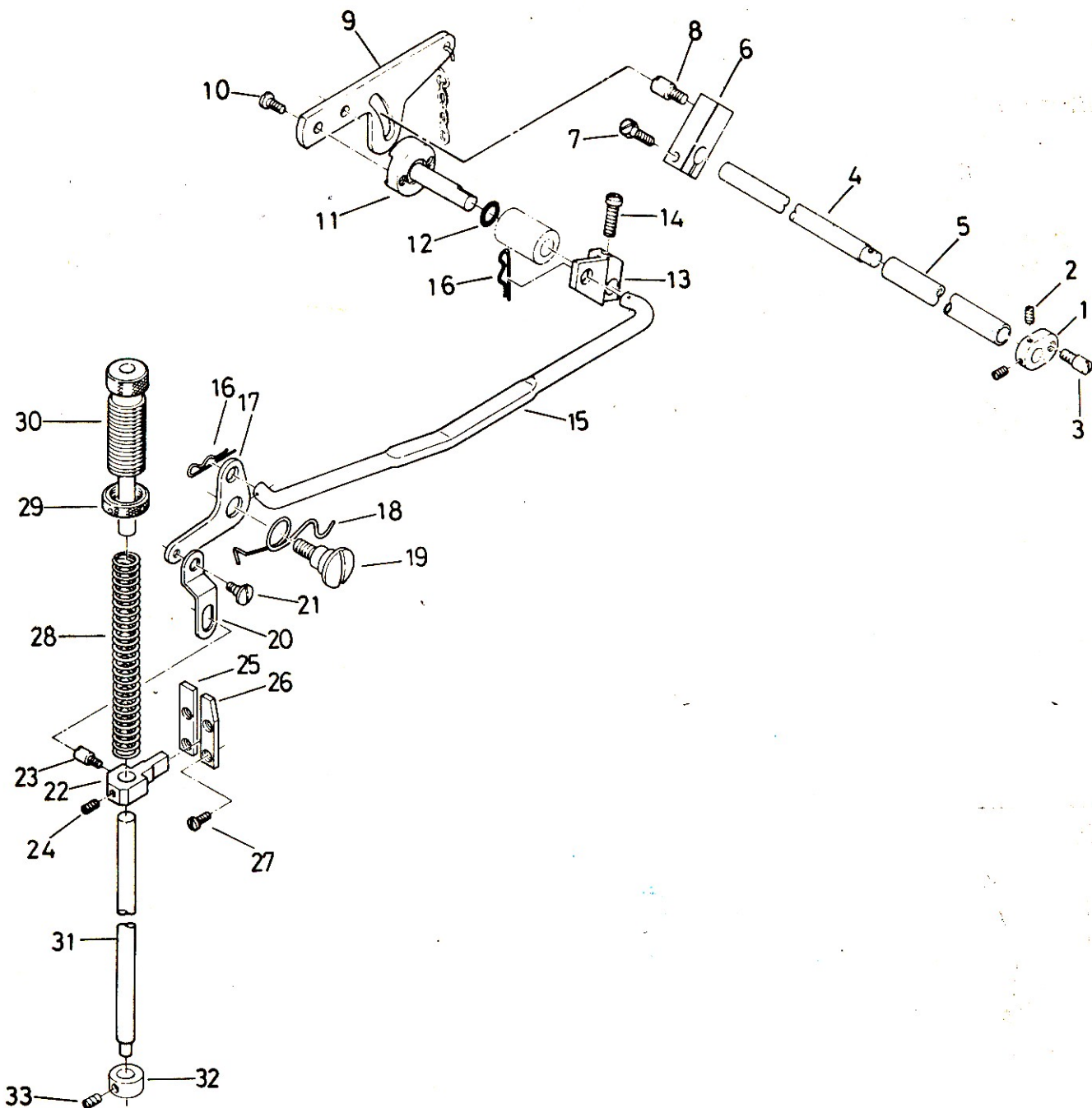
35-D. Crank shaft ass'y
35-E. Needle lever ass'y



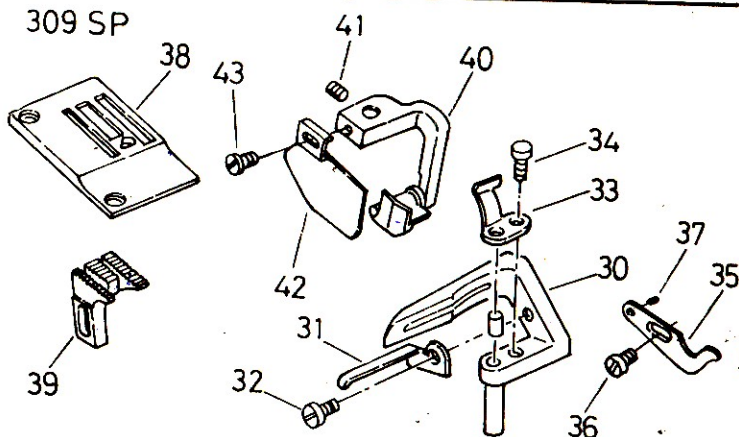
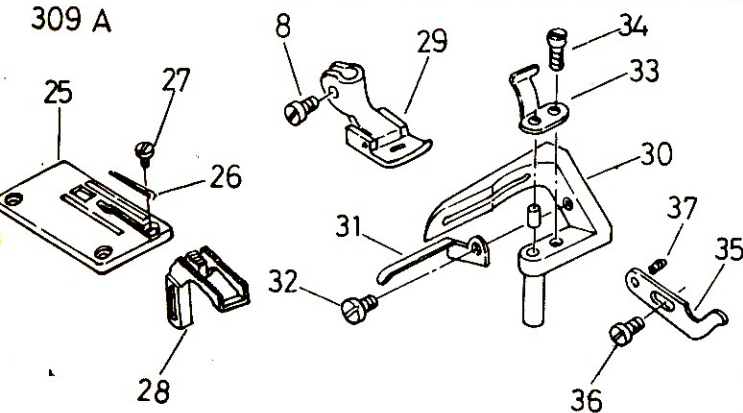
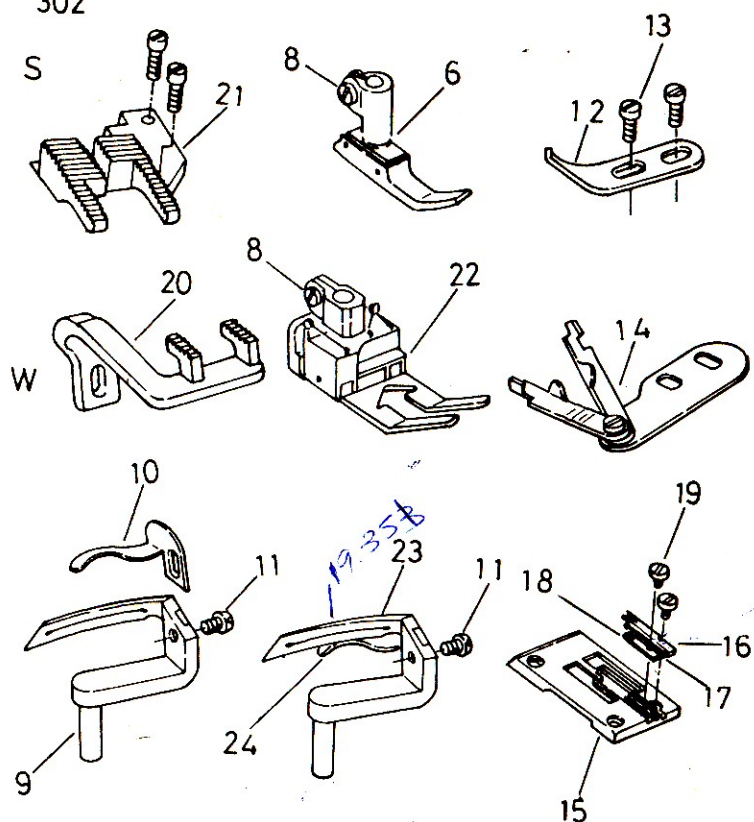
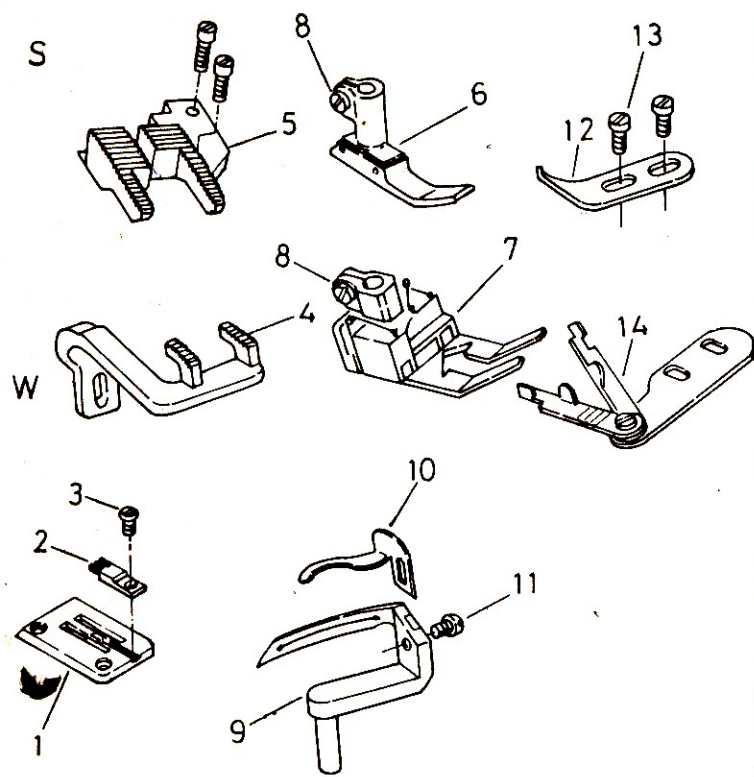
Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
36-1	71-732	Main shaft 3B	1	36-32	75-132	Collar	1
36-2	51-021	Stitch regulating stud cup	1	36-33	84-761	Screw	1
36-3	84-371	Regulating screw	1	36-34	51-101	Differential feed rocker A	1
36-4	84-164	Screw	2	36-35	84-574	Screw	2
36-5	23-292	Gasket	1	36-36	71-531	Shaft	1
36-6	84-576	Screw	1	36-37	51-103	Main differential feed bracket	1
36-7	61-322	Feed eccentric	1	36-38	84-512	Screw	1
36-8	84-712	Screw	2	36-39	51-111	Differential feed guide plate	2
36-9	91-406	Bearing	1	36-40	84-162	Screw	4
36-10	63-232	Feed eccentric link	1	36-41	51-109	Differential feed guide	1
36-11	93-406	Snap ring	1	36-42	84-379	Screw	2
36-12	71-431	Feed rocker eccentric link pin	1	36-43	66-506	Feed crank link	1
36-13	23-341	Felt	1	36-44	51-113	Crank pin	1
36-14	51-011	Feed crank adjusting stud	1	36-45	75-389	Washer	1
36-15	75-241	Feed crank link roller	1	36-46	86-313	Nut	1
36-16	91-271	Bearing	1	36-47	51-105	Feed rocker segment slot plate	1
36-17	75-453	Washer	1	36-48	84-363	Screw	3
36-18	86-412	Nut	1	36-49	75-456	Washer	1
36-19	67-312	Feed rocker arm	1	36-50	86-411	Nut	1
36-20	35-276	Tubing	1	36-51	84-462	Screw	1
36-21	23-341	Felt	1	36-52	84-366	Screw	1
36-22	31-346	Support	2	36-53	51-117	Rear feed dog holder A (F-type)	1
36-23	84-162	Screw	2	36-54	75-455	Washer	1
36-24	84-366	Screw	1	36-55	84-591	Screw	1
36-25	63-352	Feed rocker link	1	36-56	84-162	Screw	2
36-26	84-814	Screw	1	36-57	51-120	Front feed dog holder	1
36-27	75-453	Washer	1	36-58	84-363	Screw	2
36-28	71-431	Feed rocker link pin	1	36-59	75-114	Collar	1
36-29	75-372	Washer	1	36-60	84-711	Screw	2
36-30	71-641	Feed rocker arm shaft	1	36-61	49-131	Looper thread take-up double disc	1
36-31	75-372	Washer	1	36-62	84-711	Screw	2
36-A	Differential feed rocker ass'y			36-C	Feed eccentric link ass'y		



Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
37-1	71-623	Looper rocker shaft	1	37-19	63-801	Looper connecting ball joint	1
37-2	75-133	Collar	1	37-20	84-572	Screw	6
37-3	84-575	Screw	1	37-21	67-231	Looper connecting lever	1
37-4	19-301	Looper rocker base	1	37-22	85-211	Screw	1
37-5	84-811	Screw	1	37-23	67-131	Looper side step arm	1
37-6	86-502	Nut	1	37-24	84-811	Screw	1
37-7	75-452	Washer	1	37-25	84-512	Screw	1
37-8	71-901	Looper rocker tapered pin	1	37-26	84-366	Screw	1
37-9	19-311	Looper rocker	1	37-27	84-563	Screw	1
37-10	81-401	Tapered pin bushing	1	37-28	63-812	Looper connecting ball joint, left	1
37-11	84-521	Screw	1	37-29	86-412	Nut	1
37-12	75-452	Washer	1	37-30	65-332	Looper side step connection	1
37-13	86-501	Nut	1	37-31	86-411	Nut	1
37-14	84-361	Screw	1	37-32	63-611	Looper side step ball joint	1
37-15	84-575	Screw	2	37-33	84-567	Screw	2
37-16	86-411	Nut	2	37-34	61-611	Looper side step eccentric	1
37-17	75-401	Washer	3	37-35	84-563	Screw	2
37-18	61-811	Looper driving connecting rod	3				
37-A	Connecting ball joint ass'y						
37-B	Looper side step ball joint ass'y						
				37-C	Looper holder ass'y		
				37-D	Looper connecting ball joint ass'y		

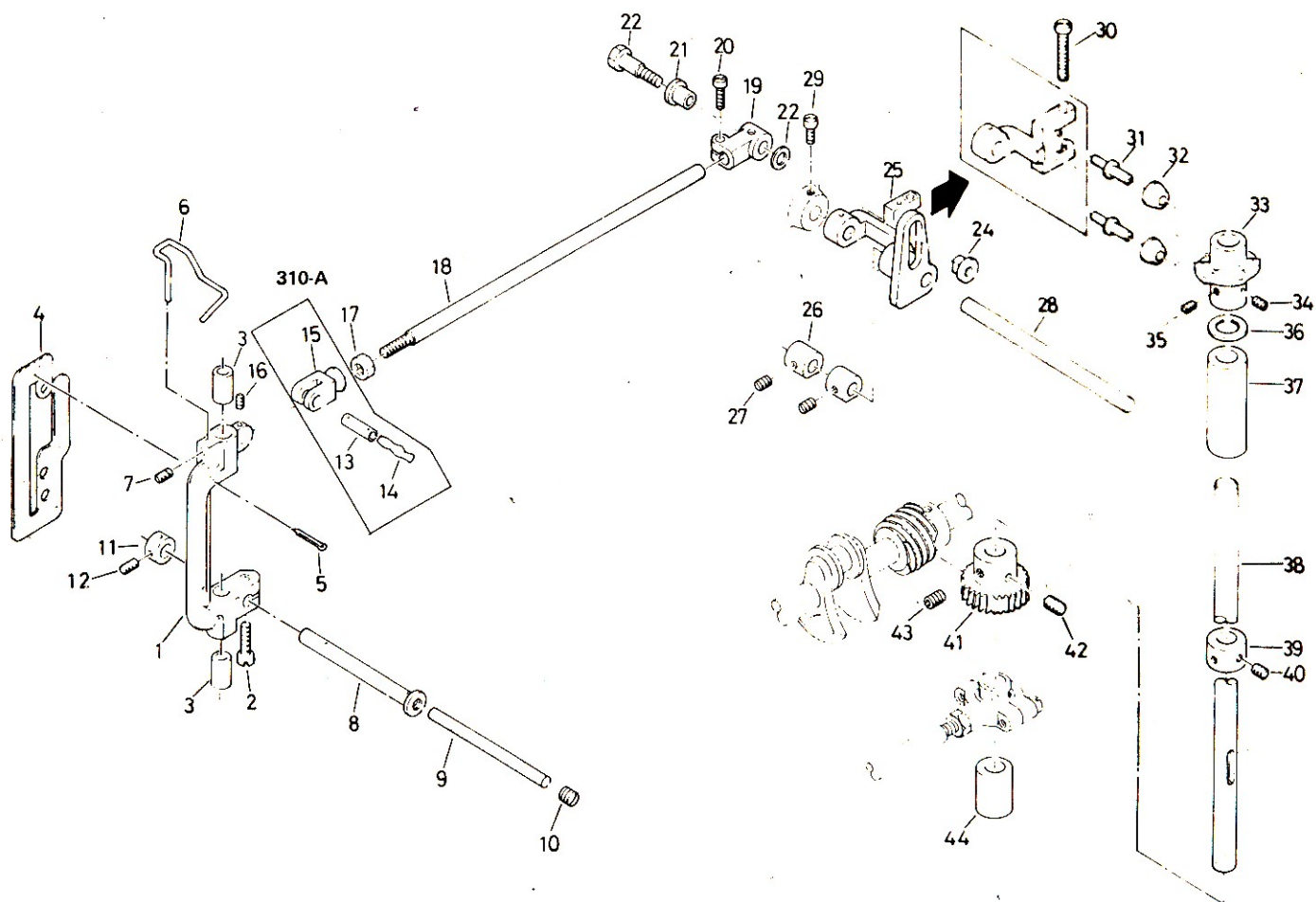


Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
38-1	77-101	Lifter lever connection	1	38-18	79-222	Lifter lever spring	1
38-2	84-512	Screw	2	38-19	84-781	Screw	1
38-3	84-562	Screw	1	38-20	77-131	Lifter lever link	1
38-4	77-111	Foot lifter crank shaft B	1	38-21	84-581	Screw	1
38-5	77-121	Crank shaft pipe	1	38-22	77-133	Presser bar guide	1
38-6	77-103	Adjusting post supporter	1	38-23	84-561	Screw	1
38-7	84-811	Screw	1	38-24	84-574	Screw	1
38-8	84-561	Screw	1	38-25	77-135	Presser bar connecting guide left	1
38-9	77-105	Presser foot lifter lever	1	38-26	77-136	Presser bar connecting guide right	1
38-10	84-566	Screw	2	38-27	84-362	Screw	4
38-11	77-114	Presser foot lifter lever post	1	38-28	79-121	Presser bar spring	1
38-12	23-189	O-ring	1	38-29	86-851	Nut	1
38-13	77-107	Presser foot lifter connecting plate	1	38-30	85-761	Presser bar screw	1
38-14	84-764	Screw	1	38-31	71-542	Presser bar (small)	1
38-15	77-116	Lifter lever connecting bar	1	38-32	75-154	Collar	1
38-16	93-611	Snap pin A	2	38-33	84-512	Screw	1
38-17	77-109	Lifter lever spring supporter	1				



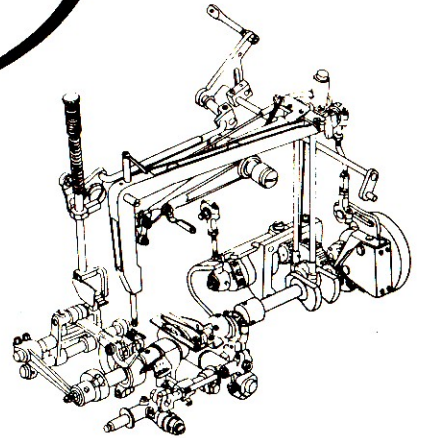
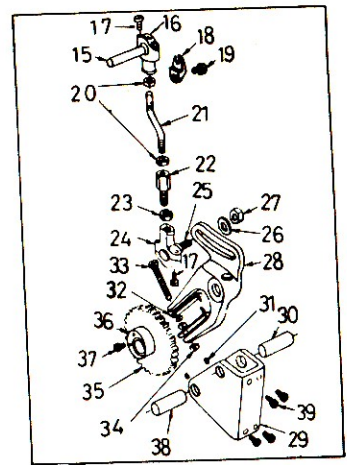
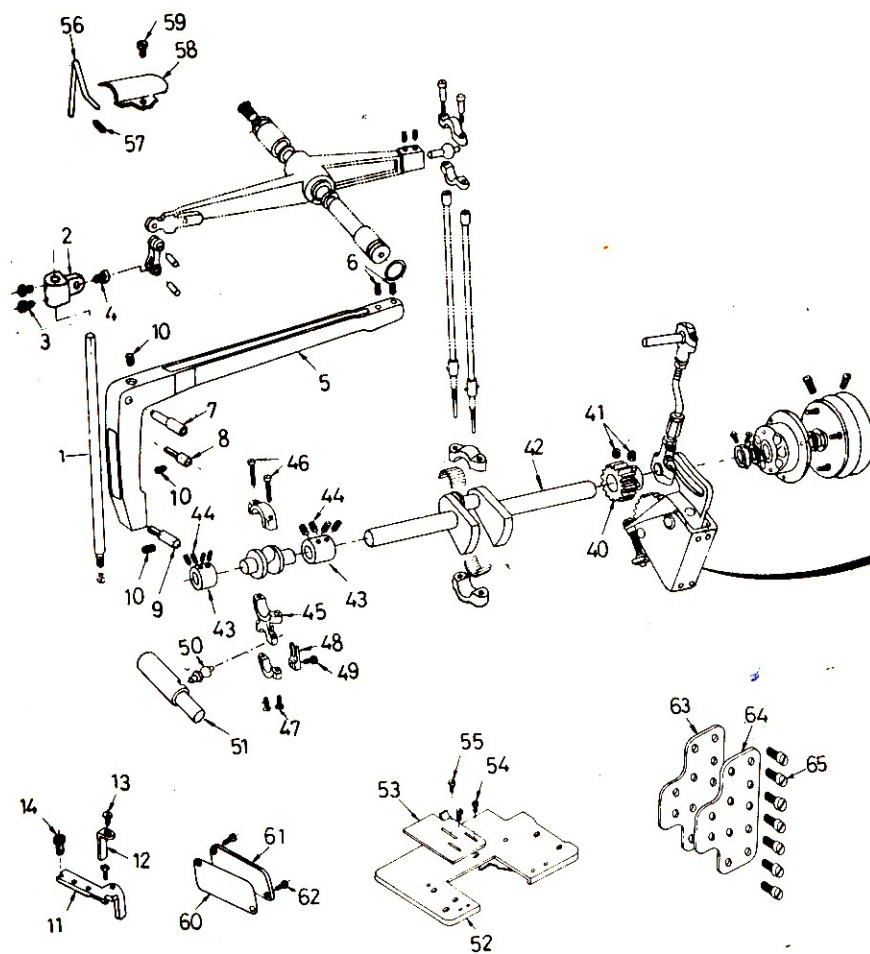
Ref. No.	Part No.	Part Name	Q'ty
39-1	14-302	Needle plate 301	
39-2	14-337	Nail 301	
39-3	85-611	Screw	
39-4	15-302	Front feed dog 301	
39-5	15-362	Rear feed dog	
39-6	17-301	Presser foot 301S	
39-7	17-302	Presser foot 301W	
39-8	84-362	Screw	
39-9	19-353	Front looper 301	
39-10	79-572	Thread retaining spring	
39-11	85-611	Screw	
39-12	18-361	Ruler S	
39-13	85-181	Screw	
39-14	18-362	Ruler W	
39-15	14-301	Needle plate 302	
39-16	14-331	Right nail	
39-17	14-332	Center nail	
39-18	14-333	Left nail	
39-19	85-611	Screw	
39-20	15-301	Front feed dog	
39-21	15-361	Rear feed dog	
39-22	17-361	Presser foot 302W	

Ref. No.	Part No.	Part Name	Q'ty
39-23	18-351	Rear looper	
39-24	79-571	Thread retaining spring	
39-25	14-321	Needle plate 309A	
39-26	14-351	Nail 309A	
39-27	85-611	Screw	
39-28	15-321	Feed dog	
39-29	17-321	Presser foot	
39-30	19-361	Looper 309	
39-31	79-576	Thread retaining spring	
39-32	85-611	Screw	
39-33	79-577	Thread retaining spring	
39-34	85-611	Screw	
39-35	18-351	Needle guard 309	
39-36	84-368	Screw	
39-37	84-113	Screw	
39-38	14-323	Needle plate 309SP	
39-39	15-323	Feed dog 309SP	
39-40	17-323	Presser foot	
39-41	84-512	Screw	
39-42	02-365	Guide	
39-43	84-161	Screw	

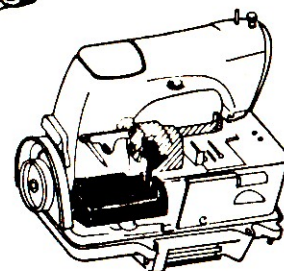
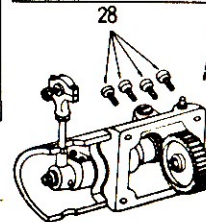
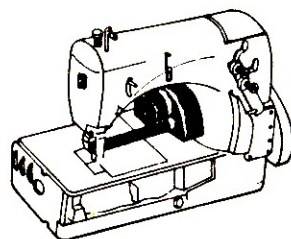
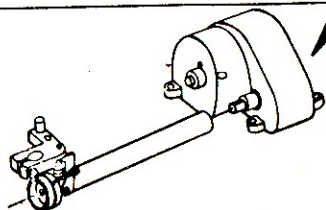
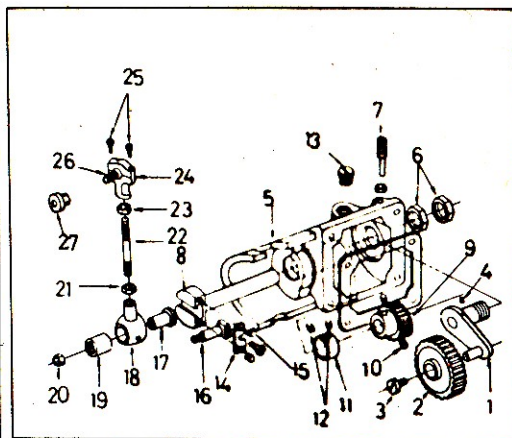
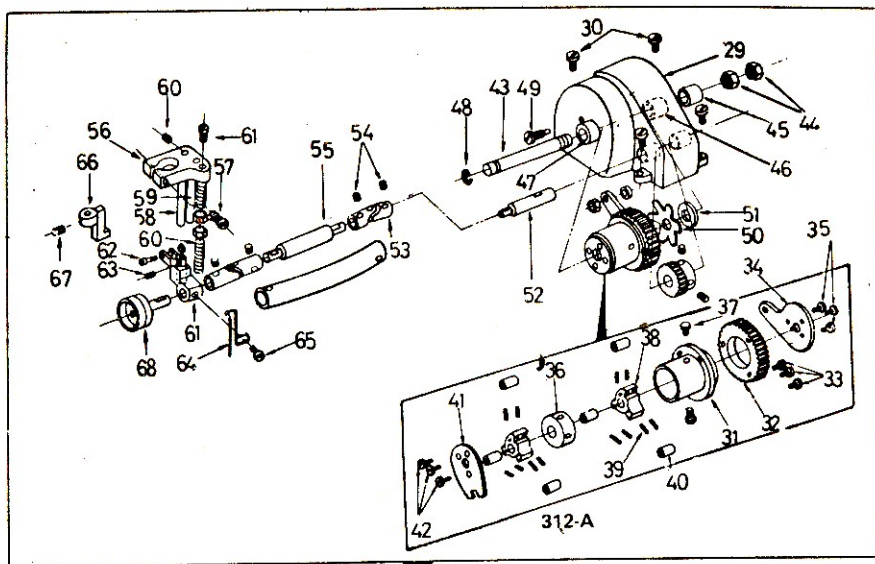


Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
310-1	03-101	Needle bar frame	1	310-23	75-452	Washer	1
310-2	84-566	Screw	1	310-24	86-481	Nut	1
310-3	81-171	Bushing	2	310-25	03-105	Driving cam, cam roller arm	1
310-4	23-331	Felt	1	310-26	75-151	Collar	2
310-5	93-621	Pin for felt	3	310-27	85-111	Screw	2
310-6	45-221	Needle thread take-up wire	1	310-28	71-521	Shaft	1
310-7	84-521	Screw	1	310-29	84-568	Screw	1
310-8	71-511	Needle bar frame shaft	1	310-30	84-589	Screw	1
310-9	23-386	Felt	1	310-31	03-107	Roller fixing stud	2
310-10	85-132	Screw	1	310-32	03-109	Roller	2
310-11	75-152	Collar	1	310-33	03-111	Cam	1
310-12	84-511	Screw	2	310-34	84-712	Screw	1
310-13	71-431	Needle bar connecting link pin	1	310-35	84-716	Screw	1
310-14	23-341	Felt	1	310-36	75-372	Washer	1
310-15	66-131	Connecting link	1	310-37	81-121	Bushing, upper	1
310-16	84-312	Screw	1	310-38	71-631	Cam drive shaft	1
310-17	86-701	Nut	1	310-39	75-131	Collar	1
310-18	65-331	Needle bar connecting	1	310-40	85-111	Screw	2
310-19	03-103	Needle bar connecting link	1	310-41	03-113	Worm gear	1
310-20	84-571	Screw	1	310-42	84-712	Screw	1
310-21	75-251	Link roller	1	310-43	84-716	Screw	1
310-22	84-831	Screw	1	310-44	81-122	Bushing, lower	1

310-A Connecting link ass'y



Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
311-1	11-504	Needle bar D	1	311-34	86-312	Nut	3
311-2	73-114	Needle bar connection D, 309	1	311-35	03-203	Cam driving gear B, 309	1
311-3	84-563	Screw	2	311-36	03-204	Driving cam, 309	1
311-4	84-365	Screw	1	311-37	84-367	Screw	2
311-5	03-211	Needle bar link	1	311-38	71-661	Needle bar link shaft	1
311-6	84-521	Screw	2	311-39	84-564	Screw	4
311-7	03-212	Needle bar link pin	1	311-40	02-323	Driving gear, small	1
311-8	03-221	Guide pin A	1	311-41	84-712	Screw	2
311-9	03-222	Guide pin B	1	311-42	71-871	Crank shaft C	1
311-10	84-521	Screw	3	311-43	75-101	Joint collar	1
311-11	03-216	Link guide A	1	311-44	85-113	Screw	4
311-12	03-217	Link guide B	1	311-45	63-512	Looper driving lever ball joint B	1
311-13	84-575	Screw	1	311-46	84-568	Screw	2
311-14	84-164	Screw	2	311-47	84-567	Screw	2
311-15	61-822	Needle bar link ball bearing B	1	311-48	69-121	Eccentric guide fork	1
311-16	63-817	Link connecting ball joint, 309	1	311-49	84-572	Screw	1
311-17	84-572	Screw	4	311-50	61-713	Looper driving lever ball bearing	1
311-18	69-122	Eccentric guide fork	1	311-51	71-612	Looper driving shaft	1
311-19	84-362	Screw	1	311-52	21-503	Upper cloth plate, 309	1
311-20	86-411	Nut, right	2	311-53	03-233	Sliding cover, 309	1
311-21	03-206	Sliding joint bar	1	311-54	84-585	Screw	2
311-22	03-207	Slide adjuster	1	311-55	84-573	Screw	1
311-23	86-412	Nut, left	1	311-56	45-224	Needle thread take-up wire D, 309	1
311-24	63-812	Connecting rod	1	311-57	84-521	Screw	1
311-25	61-821	Needle bar link ball bearing A	1	311-58	03-215	Needle bar link cover	1
311-26	75-381	Tapered pin set washer	1	311-59	04-361	Screw	1
311-27	86-501	Nut	1	311-60	03-232	Gasket, 309	1
311-28	03-205	Cam sliding guide	1	311-61	03-231	Cover, 309	1
311-29	03-202	Cam guide bracket	1	311-62	84-661	Screw	1
311-30	71-526	Arm guide shaft, GF	1	311-63	03-209	Guide bracket gasket	1
311-31	84-164	Screw	4	311-64	03-201	Guide bracket plate, 309	1
311-32	03-208	Slide guide plate	1	311-65	84-564	Screw	7
311-33	84-569	Screw	1				



Ref. No.	Part No.	Part Name	Q'ty	Ref. No.	Part No.	Part Name	Q'ty
312-1	02-320	Gear plate	1	312-35	84-261	Screw	3
312-2	02-322	Clutch gear	1	312-36	02-261	Rear puller thrust	1
312-3	86-412	Nut, left	1	312-37	84-714	Screw	1
312-4	84-761	Screw	1	312-38	02-101	Check clutch, A	2
312-5	02-312	Gear housing	1	312-39	79-191	Check clutch spring	12
312-6	86-801	Nut	2	312-40	71-466	Clutch roller	6
312-7	84-723	Screw	2	312-41	02-117	Rear puller pipe cover	1
312-8	02-354	Crank shaft B, 309SP	1	312-42	84-261	Screw	3
312-9	02-323	Driving gear	2	312-43	71-472	Rear puller holder shaft	1
312-10	84-712	Screw	1	312-44	86-761	Puller holder shaft nut	2
312-11	75-112	Crank shaft collar	1	312-45	81-323	Puller holder shaft bushing, small	1
312-12	84-715	Collar set screw	2	312-46	81-322	Puller holder shaft bushing, medium	1
312-13	87-511	Screw	1	312-47	81-321	Puller holder shaft bushing, large	1
312-14	50-121	Stitch regulating stud cup	1	312-48	93-221	Snap ring (8mm dia.)	1
312-15	84-161	Screw	1	312-49	84-573	Screw	1
312-16	50-111	Feed crank adjusting post	1	312-50	79-551	Puller plate spring	1
312-17	75-241	Feed crank link roller	1	312-51	75-451	Washer (8.1mm dia.)	1
312-18	02-315	Clutch driving crank	1	312-52	02-324	Joint gear shaft	1
312-19	91-271	Feed rocker bearing	1	312-53	02-325	Universal joint A (8mm dia.)	2
312-20	86-412	Nut	1	312-54	84-521	Joint set screw for SP	4
312-21	86-411	Nut, right	1	312-55	02-326	Joint shaft	1
312-22	65-403	Crank connecting bar	1	312-56	02-361	Roller holder bracket B	1
312-23	86-412	Nut, left	1	312-57	84-765	Cam roller set screw	1
312-24	63-812	Connecting ball joint	1	312-58	02-384	Fixing pin	1
312-25	84-572	Screw	2	312-59	02-385	Guide pin	1
312-26	61-811	Looper rocker connecting eccentric A	1	312-60	79-153	Roller presser bar spring B for SP	1
312-27	86-481	Nut	1	312-61	02-382	Roller bracket for SP	1
312-28	84-762	Screw	4	312-62	84-572	Eccentric guide fork set screw	1
312-29	02-311	Clutch case, SP	1	312-63	84-162	Rear feed dog set screw	1
312-30	84-762	Screw	4	312-64	02-362	Roller guide spring for SP	1
312-31	02-321	Clutch housing	1	312-65	84-364	Roller handle screw	1
312-32	02-321	Clutch gear	1	312-66	02-383	Connection	1
312-33	84-572	Screw	3	312-67	84-463	Screw	3
312-34	02-316	Connecting lever plate	1	312-68	02-389	Feed roller, ordinary	1
312-A	Check clutch ass'y						