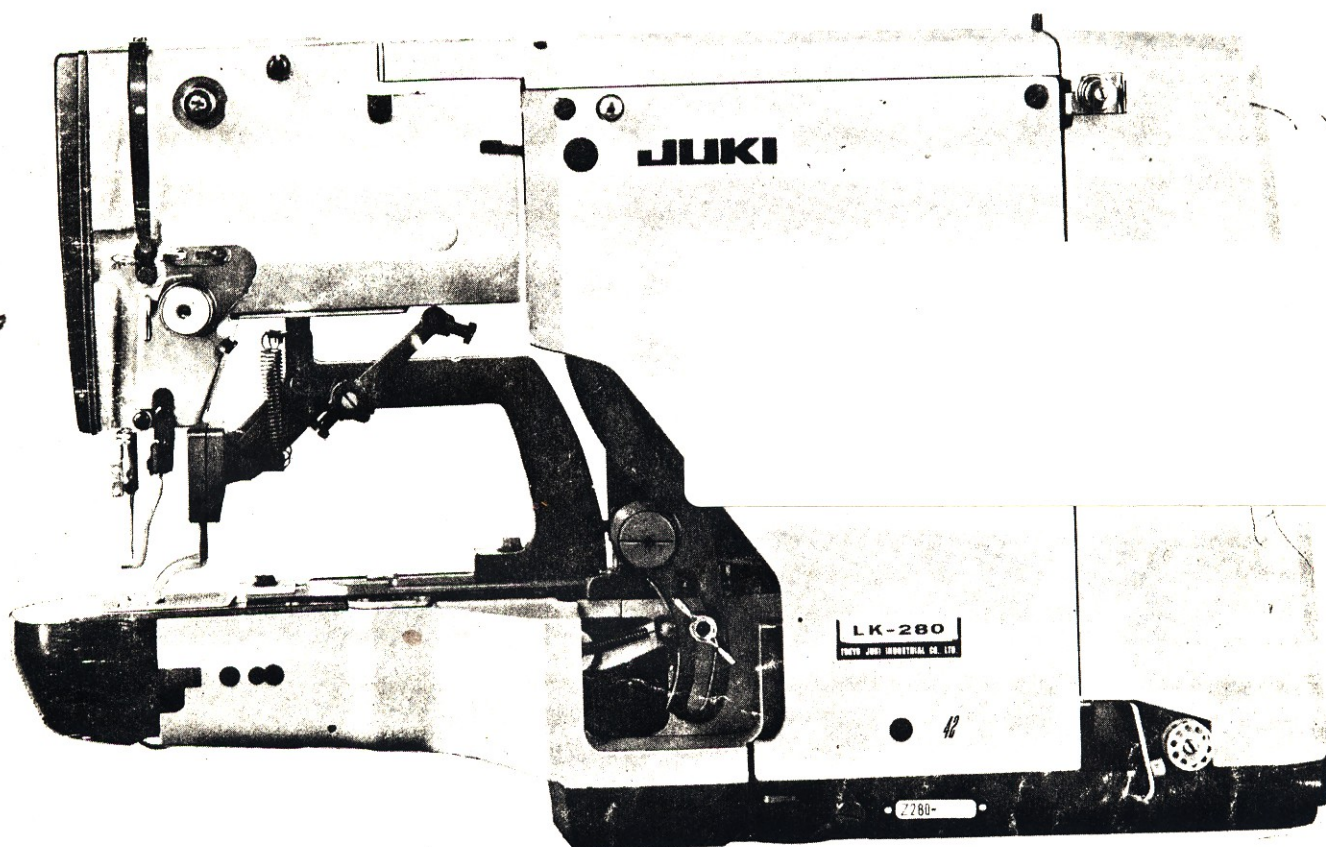


JUKI®

model **LK-280**

**High Speed Single Needle Lockstitch Bar Tacking
Industrial Sewing Machines**

PARTS * BOOK



**EDIÇÃO
01**

INDUSTRIAL CO., LTD.

HOW TO MAKE USE OF THIS PARTS BOOK

- 1. This is a consolidated PARTS BOOK of Model LK-280.
- 2. This book is divided, as a principle, into various sections according to the functions of parts and also contains illustrations to assist you visually.
For example, if you want some parts for the SHUTTLE DRIVER SHAFT COMPONENTS, just refer to the section on "SHUTTLE DRIVER SHAFT COMPONENTS" etc.
- 3. The figures on the illustrations indicate the corresponding numbers on the BOOK
- 4. On bits and pieces parts such as screws, etc. the illustration shows only a representative one and so for the required quantity of these parts, refer to the BOOK.
- 5. Parts marked with * on the "Ref. No." column, mean these parts are one complete assembly unit.
- 6. The parts under "Amt. Req." column circled by O are parts included in the one assembly unit which is marked with * just above these parts.
- 7. When placing your order, please specify your order by the assembly unit number marked with * under the "Ref. No." column.

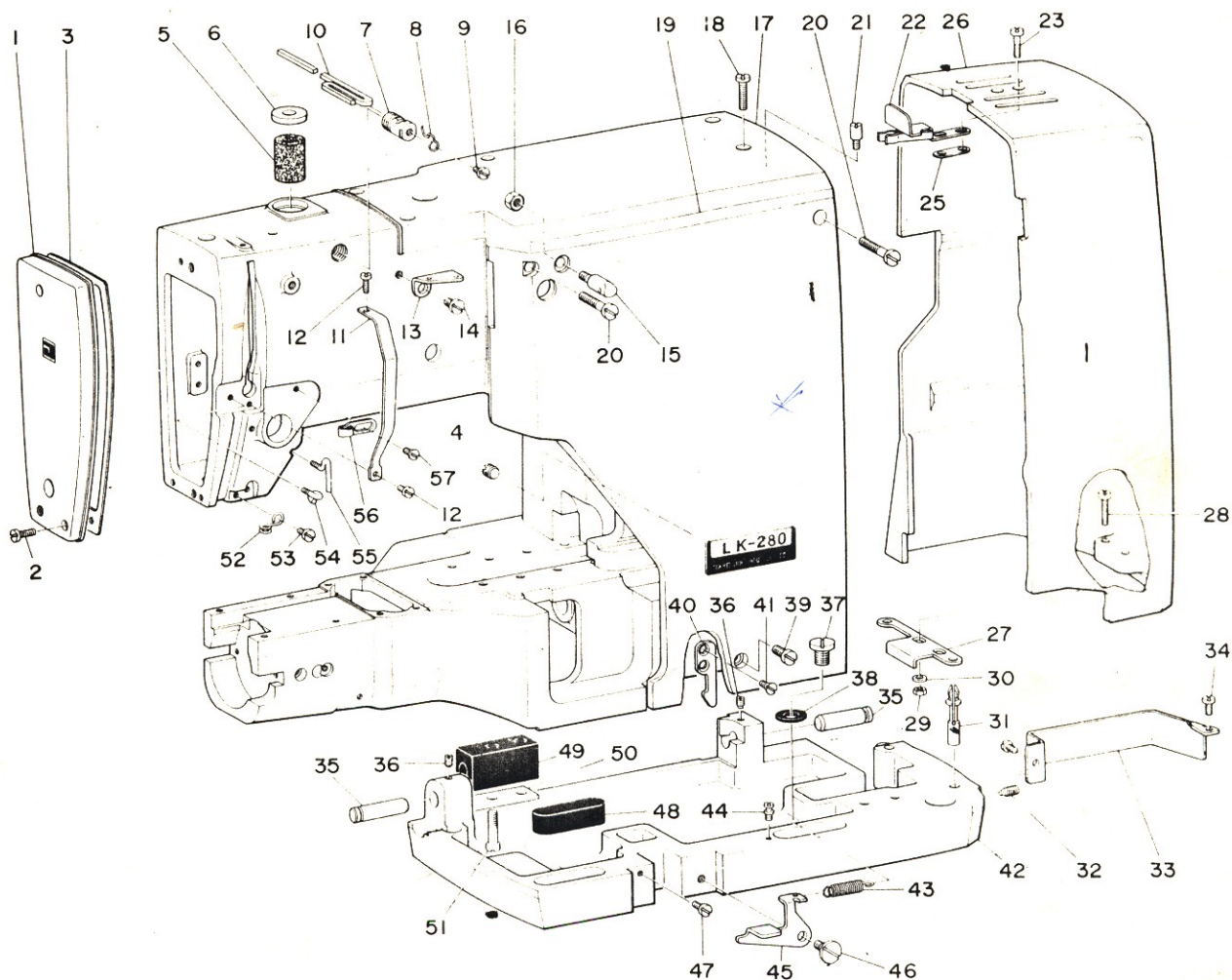
FOR EXAMPLE

Ref. No.	Part No.	Description	Amt. Req.
*1	B-1111-111-0A0	name of part	1 Means one assembly unit
2	B-1111-111-000	" "	1 Means this is included in the above B-1111-111-0A0 assembly unit. (This part can be sold as a single unit)

CONTENTS

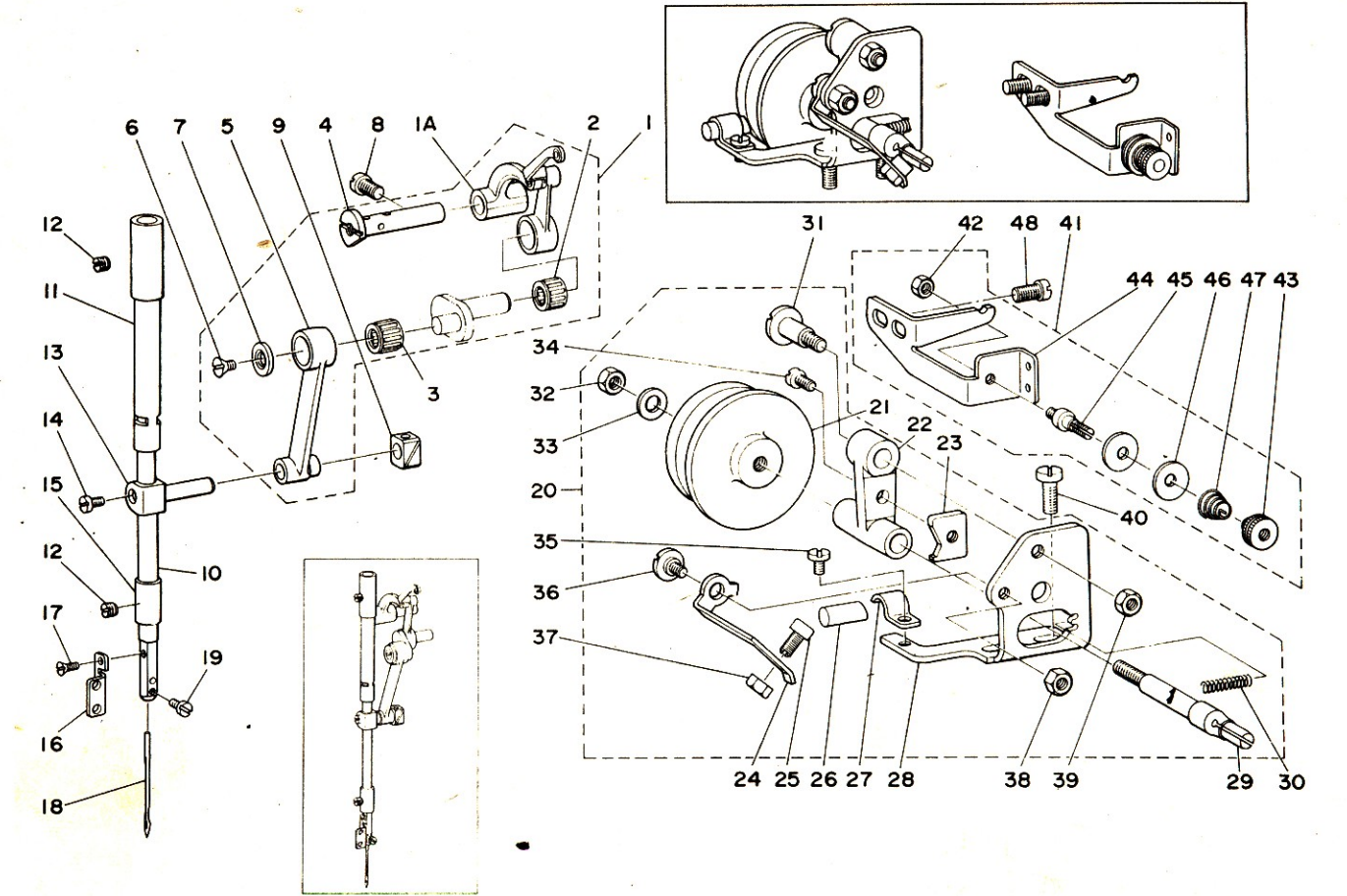
1. MACHINE FRAME COMPONENTS	1
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1. MACHINE FRAME COMPONENTS



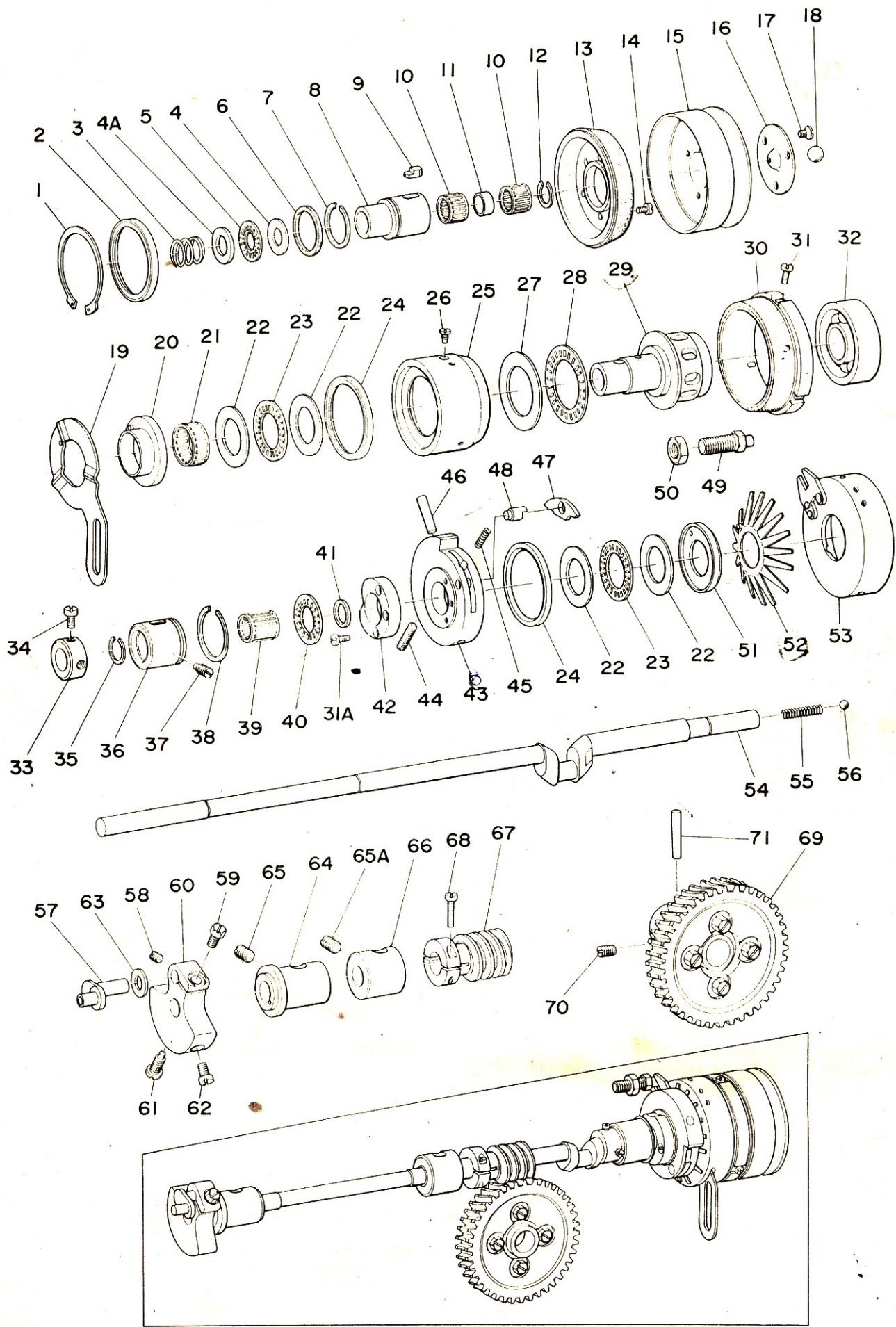
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-1120-280-000	Face plate	1	33	B-1112-280-000	Belt cover, small	1
2	SS-7111120-SP	... Screw	3	34	SS-7110710-SP	... Screw	2
3	B-1121-280-000	... Gasket	1	35	B-1107-280-000	Base connecting pin	2
4	SS-8680730-SP	Oiling screw	1	36	SS-8151150-TP	... Screw	2
5	B-1130-280-000	Silicon oil tank felt	1	37	SS-6741010-SP	Oil drain cap screw	1
6	B-1129-280-000	Silicon oil tank cover	1	38	B-8219-125-000	... Gasket	1
7	B-1126-280-000	Silicon oil pipe	1	39	SS-6151220-SP	Top cover set screw, small	1
8	B-1127-280-000	Silicon oil thread guide	1	40	B-1109-280-000	Hook B	1
9	SS-7110410-SP	... Screw	1	41	SS-1110840-SP	... Screw	2
10	B-1128-280-000	Silicon oil felt	1	42	B-1103-280-000	Machine base	1
11	B-1122-280-000	Thread take-up lever oil guard	1	43	B-1507-352-000	Spring, for hook A	1
12	SS-7090710-SP	... Screw	2	44	B-1110-280-000	... Suspension	1
13	B-1111-232-000	Thread guide, No. 2	1	45	B-1108-280-000	Hook A	1
14	SS-7150740-SP	... Screw	1	46	SD-0720331-SP	... Hinge screw	1
15	B-1123-280-000	Thread guide, No. 1	1	47	SS-6111010-TP	... Stopper	1
16	NS-6150310-SP	... Set nut	1	48	B-1104-280-000	Rubber pad	2
17	B-1117-280-000	Top cover	1	49	B-1105-280-000	Base connecting pin bracket	1
18	SS-6151780-SP	... Screw	4	50	B-1106-280-000	... Washer	1
19	B-1119-280-000	Cam cover	1	51	SS-6153040-SP	... Screw	2
20	SS-6153040-SP	... Screw	2	52	B-1124-280-000	Frame thread guide B	1
21	B-1114-280-000	Belt cover spring suspension	1	53	SS-7110710-SP	... Screw	1
22	B-1113-280-000	Spring for belt cover	1	54	B-3114-771-000	Take-up thread guide	1
23	SS-7111310-SP	... Screw	2	55	B-1125-280-000	Tension thread guide	1
25	B-1133-280-000	Spring set plate	1	56	B-1126-552-000	Frame thread guide A	1
26	B-1111-280-000	Belt cover	1	57	SS-3090610-SP	... Screw	1
27	B-1115-280-000	... Hinge	1				
28	SS-6111620-SP	... Screw	2				
29	NS-6110310-SP	... Nut	2				
30	WP-0501016-SD	... Washer	2				
31	B-1116-280-000	... Pin	2				

2. THREAD TAKE-UP LEVER & BOBBIN THREAD WINDER COMPONENTS



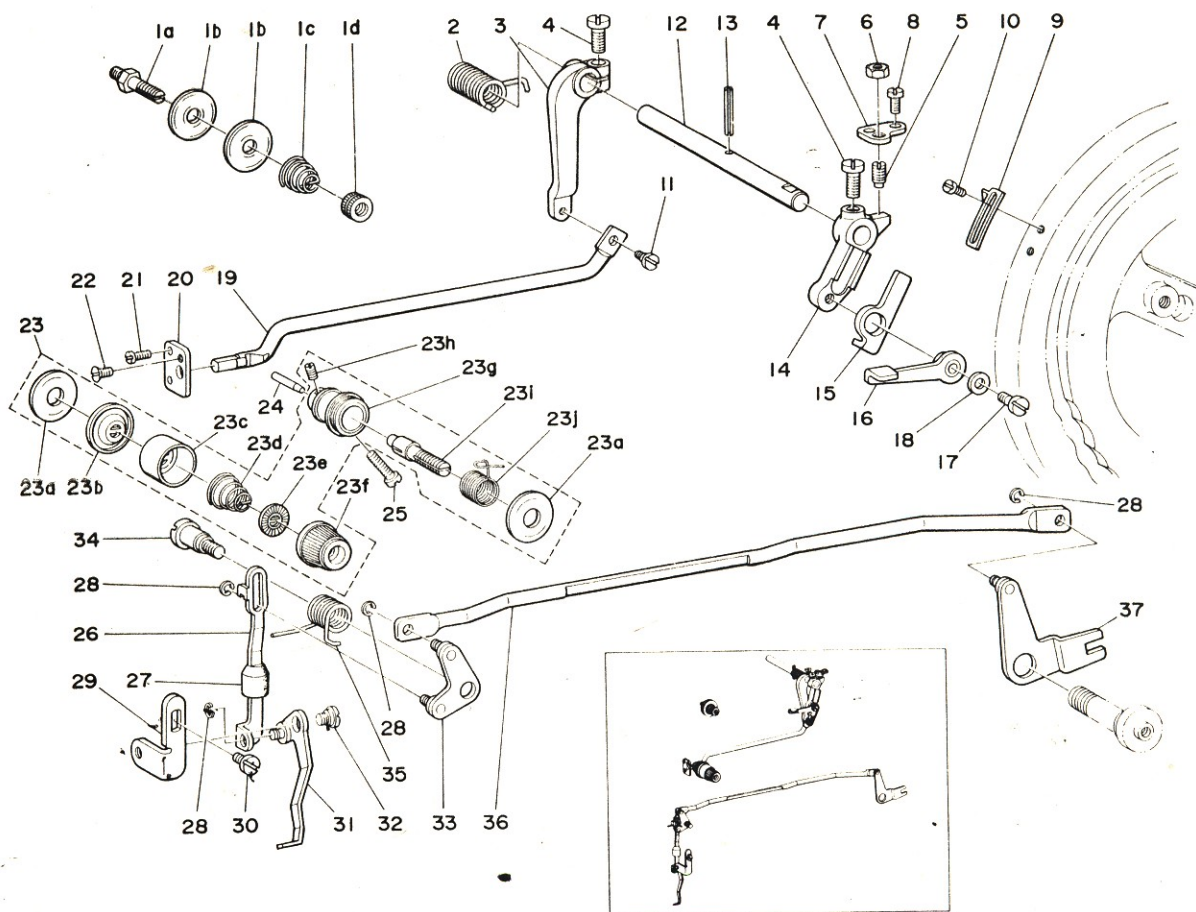
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
*1	B-1901-280-0B0	Thread take-up lever complete	1	25	B-3208-280-000	Bobbin winder adjusting screw	①
1A	B-1901-280-0A0	Thread take-up lever	1	26	B-3209-280-000	Bobbin winder brake	①
2	B-1905-541-B00	... Needle bearing	1	27	B-3210-280-000	... Presser plate	①
3	B-1411-804-B00	Needle bar crank needle bearing	1	28	B-3201-280-000	Bobbin winder base	①
4	B-1904-280-000	Take-up lever pin	1	29	B-3204-280-000	Bobbin winder spindle	①
5	B-1404-280-000	Needle bar crank rod	1	30	B-3203-280-000	Spring, for bushing	①
6	B-1903-552-000	... End screw	1	31	SD-0791501-SP	Hinge screw, for spindle bushing	①
7	B-1910-552-000	... Washer	1	32	NS-6150310-SP	Set nut, for bobbin winder wheel	①
8	SS-7150940-SP	Take-up lever pin set screw	1	33	WP-0651056-SD	Washer, for bobbin winder wheel	①
9	B-1414-232-000	Needle bar connection slide block	1	34	SS-7110910-SP	Bobbin winder tension bracket set screw	①
10	B-1401-280-000	Needle bar	1	35	SS-7110510-SP	Bobbin winder brake presser plate set screw	①
11	B-1402-280-000	... Upper bushing	1	36	SD-0720193-SP	Hinge screw, for trip latch	①
12	SS-8150310-SP	... Screw	2	37	NS-6110530-SP	Nut, for bobbin winder adjusting screw	①
13	B-1411-552-000	... Connection	1	38	NS-6110420-SP	Nut, for trip latch	①
14	SS-6090670-TP	... Clamp screw	1	39	NS-6150310-SP	Nut, for spindle bushing set hinge screw	①
15	B-1403-280-000	... Lower bushing	1	40	SS-7151210-SP	Screw, for bobbin winder base	2
16	B-1405-280-000	... Thread guide	1	*41	B-3211-280-0A0	Bobbin winder thread guide complete	1
17	SS-2060510-SP	... Screw	1	42	NS-6110310-SP	Tension post nut	①
18	MDP-500B1604	Needle (DPx5 #16)	1	43	B-3216-047-000	Tension nut	①
19	SS-7080510-SP	... Screw	1	44	B-3211-280-000	Tension bracket	①
*20	B-3201-280-0A0	Bobbin thread winder complete	1	45	B-3219-232-000	Tension post	①
21	B-3205-280-000	Bobbin winder wheel	1	46	B-3214-047-000	Tension disc	②
22	B-3202-280-000	... Spindle bushing	1	47	B-3218-232-000	Tension spring	①
23	B-3206-280-000	Bobbin winder tension bracket	1	48	SS-7150940-SP	Tension bracket set screw	2
24	B-3207-280-000	Bobbin winder trip latch	1				

3. MAIN SHAFT COMPONENTS



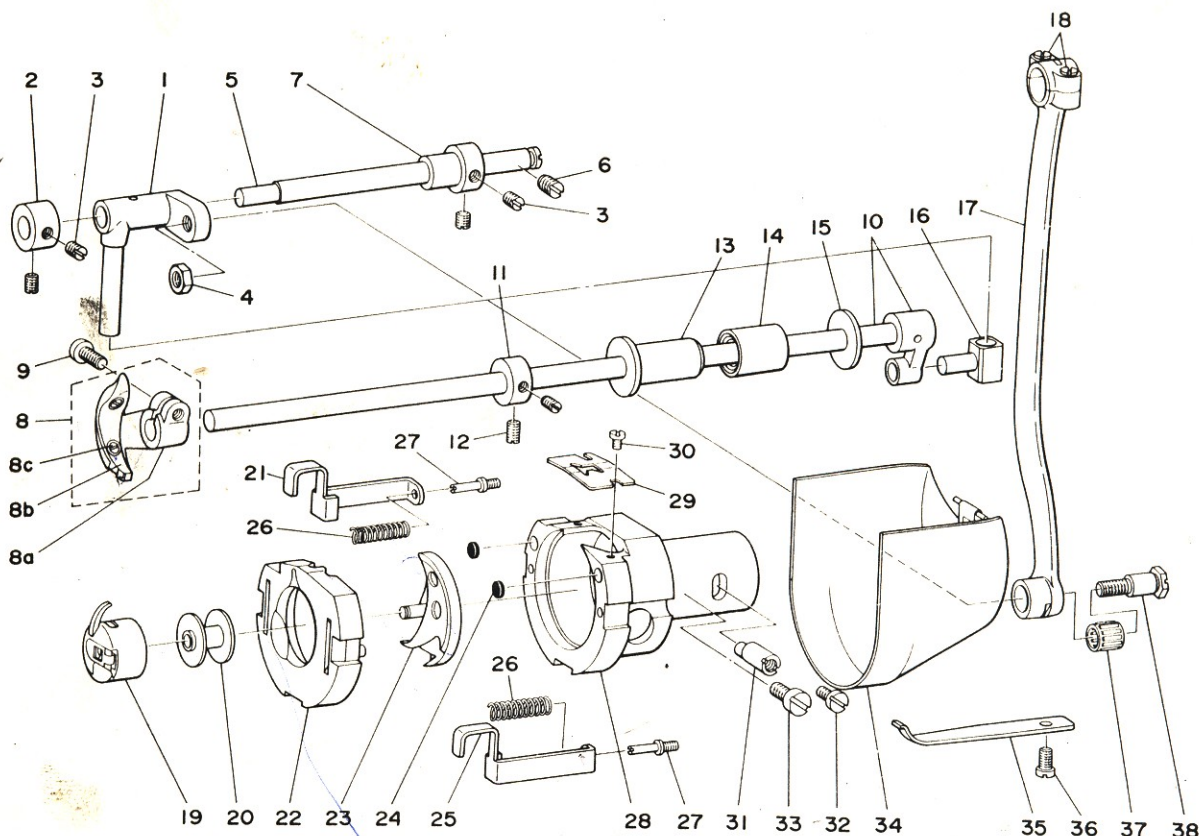
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-1238-280-000	Stop ring, for ball bearing	1	38	B-1209-280-000	. . . Stop ring	1
2	B-1239-280-000	Oil seal, large	1	39	B-1208-280-000	Main shaft needle bearing	1
3	B-1240-280-000	Pushing spring, for ball	1	40	B-1211-280-000	Main shaft thrust bearing	1
4	B-1242-280-000	Thrust washer, for bearing, small	1	41	B-1212-280-000	. . . Stop ring	1
4A	B-1256-280-000	Thrust washer, for bearing	1	42	B-1213-280-000	Thread trimming cam	1
5	B-1241-280-000	Thrust bearing, small	1	31A	SS-7090910-TP	. . . Screw	3
6	B-1247-280-000	Grease guard felt	1	43	B-1214-280-000	Stop-motion cam	1
7	B-1248-280-000	. . . Stop ring	1	44	SS-8152030-SP	. . . Screw	1
8	B-1243-280-000	Bushing, for bearing	1	45	B-1217-280-000	. . . Latch release spring	1
9	B-1251-280-000	Key, for decreasing speed	1	46	PT-0604000-SH	. . . Pin	1
10	B-1244-280-000	Needle bearing	2	47	B-1215-280-000	. . . Latch	1
11	B-1245-280-000	. . . Collar	1	48	B-1216-280-000	 Pin	1
12	B-1246-280-000	. . . Stop ring	1	49	B-2623-280-000	Brake ring stopper	1
13	B-1249-280-000	Driving clutch	1	50	NS-6740510-SP	. . . Nut	1
14	SS-6080610-TP	. . . Screw	6	51	B-1218-280-000	Stop-motion cam thrust collar	1
15	B-1250-280-000	Driving pulley	1	52	B-1220-280-0A0	Brake spring	1
16	B-1252-280-000	Stop-motion ball retainer	1	53	B-1222-280-0A0	Brake ring	1
17	SS-1110640-TP	. . . Screw	3	54	B-1201-280-000	Main shaft	1
18	B-1253-280-000	Stop-motion ball	1	55	B-1254-280-000	. . . Pressure spring	1
19	B-1226-280-000	Brake release cam	1	56	B-1246-372-000	. . . Ball	1
20	B-1228-280-0A0	. . . Thrust collar	1	57	B-1203-280-000	Needle bar crank	1
21	B-1229-280-000	. . . Needle bearing	1	58	SS-8660610-TP	. . . Screw	1
22	B-1232-280-000	. . . Stop ring	4	59	SS-9661230-CP	. . . Clamp screw	1
23	B-1231-280-000	. . . Bearing	2	60	B-1202-280-000	Counterweight	1
24	B-1230-280-000	. . . Oil seal	2	61	SS-7681750-TP	. . . Screw, large	1
25	B-1233-280-000	Ball bearing case	1	62	SS-7151120-SP	. . . Screw, small	1
26	SS-6090680-TP	. . . Screw	1	63	B-1223-771-000	. . . Protecting plate	1
27	B-1236-280-000	Stop ring, for ball bearing, large	1	64	B-1204-280-000	Main shaft front bushing	1
28	B-1235-280-000	Thrust bearing, large	1	65	SS-8701140-SP	. . . Screw	1
29	B-1219-280-000	Driving ring	1	66	B-1205-280-000	Main shaft intermediate bushing	1
30	B-1234-280-000	Brake cork ring	1	65A	SS-8701140-SP	. . . Screw	1
31	SS-7090910-TP	. . . Screw	3	67	B-2205-280-000	Feed cam driving worm	1
32	B-1237-280-000	Ball bearing, for speed decreasing	1	68	SS-6111610-SP	. . . Screw	2
33	CS-1401113-TH	Main shaft thrust collar	1	69	B-2204-280-0A0	. . . Wheel	1
34	SS-6660710-TP	. . . Screw	2	70	SS-8660820-TP	 Screw	1
35	B-1210-280-000	Stop ring, for main shaft bearing	1	71	PT-0503200-SH	 Pin	1
36	B-1207-280-000	Rear bushing, for main shaft	1				
37	SS-8151150-SP	. . . Screw	1				

4. THREAD TENSION RELEASE COMPONENTS



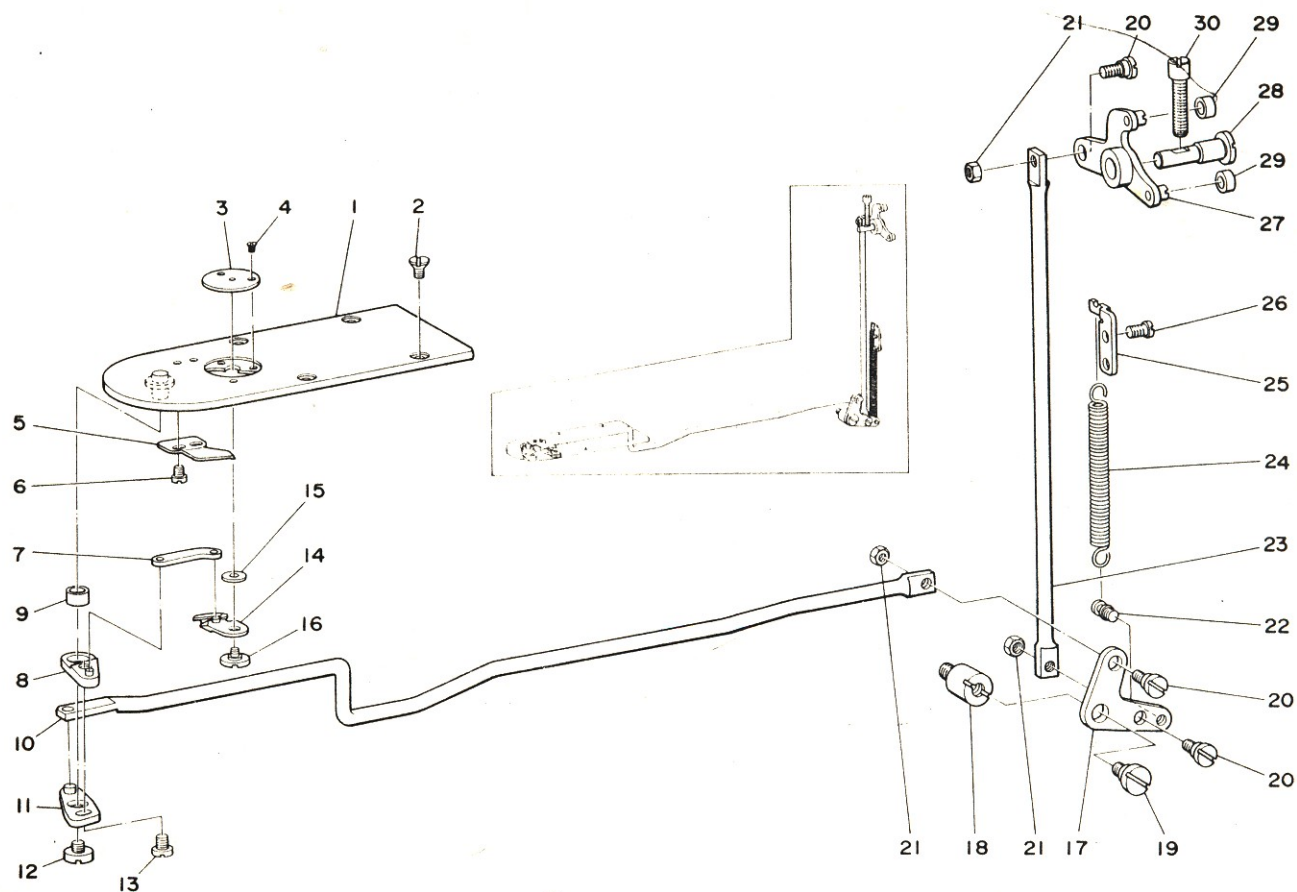
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1a	B-3123-352-000	Tension post, No. 1	1	23c	B-3107-804-000	Tension disc presser tube	①
1b	B-3126-012-000	Tension disc	2	23d	B-3114-232-000	Tension spring, No. 2	①
1c	B-2017-372-000	Tension spring, No. 1	1	23e	B-3120-125-000	Tension disc stopper	①
1d	A-3125-002-000	Tension nut, No. 1	1	23f	B-3119-771-000	Tension nut, No. 2	①
2	B-2310-280-000	Spring, for tension release link	1	23g	B-2313-280-000	Tension post socket	①
3	B-2307-280-000	Tension release link (B)	1	23h	SS-8090670-SP	Tension post set screw	①
4	SS-7151210-SP	... Screw	2	23i	B-2302-280-000	Tension post, No. 2	①
5	SS-8151150-TP	Adjusting screw, for tension release latch	1	23j	B-3112-761-000	Thread take-up spring	①
6	NS-6150310-SP	... Nut	1	24	B-2303-280-000	Tension release pin	1
7	B-2315-280-000	Stopper, for link (A)	1	25	SS-6111610-SP	Tension post socket set screw	1
8	SS-7110740-TP	... Screw	2	26	B-2103-280-000	Wiper connecting plate	1
9	B-2304-280-000	Tension release link tripping segment	1	27	B-2108-280-000	Oil shield cap	1
10	SS-7090520-TP	... Screw	2	28	B-1229-232-000	Snap ring	4
11	SD-0450211-SP	Hinge screw, for tension release bar	1	29	B-2102-280-000	Wiper installing plate	1
12	B-2309-280-000	Shaft, for tension release link	1	30	SS-7110840-SP	... Screw	1
13	PS-0300201-KP	Pin, for spring	1	31	B-2101-280-0A0	Wiper	1
14	B-2306-280-000	Tension release link (A)	1	32	SD-0640201-SP	... Hinge screw	1
15	B-2305-280-000	... Latch	1	33	B-2104-280-0A0	... Connecting arm	1
16	B-2308-280-0A0	Tension release lever	1	34	B-2109-280-000	... Connecting screw	1
17	SD-0500481-TP	... Hinge screw	1	35	B-2110-280-000	... Spring, for connecting arm	1
18	WP-0520656-SA	... Washer	1	36	B-2106-280-000	... Connecting bar	1
19	B-2312-280-000	Tension release bar	1	37	B-2107-280-0A0	... Driving link	1
20	B-2311-280-000	... Supporter	1				
21	SS-7090620-SP	... Screw	2				
22	SS-5090610-SP	... Stopper screw	1				
*23	B-2302-280-0A0	Tension controller, No. 2	1				
23a	B-3126-012-000	Tension disc	②				
23b	B-3132-552-000	Tension disc holder	①				

5. SHUTTLE DRIVER SHAFT COMPONENTS



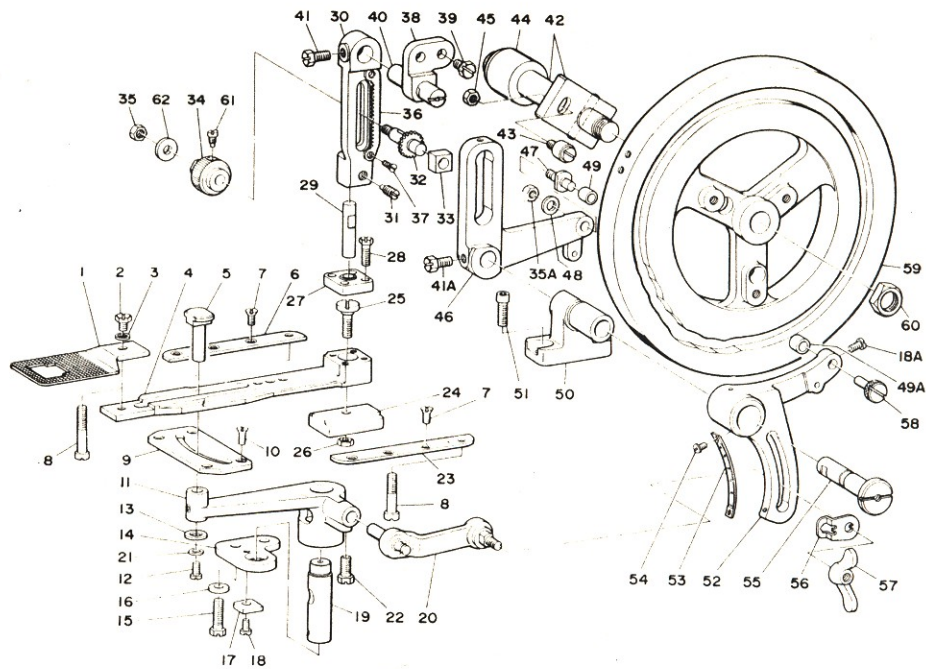
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-1805-280-000	Oscillating rock shaft	1	22	B-1817-280-0A0	Shuttle race ring	1
2	CS-0791016-SH	. . . Thrust collar (small)	1	23	B-1818-280-000	Shuttle	1
3	SS-8110520-TP	 Clamp screw	4	24	B-1829-280-000	Packing, for shuttle race	2
4	NS-6660430-SP	Nut, for hinge screw	1	25	B-1820-280-000	Shuttle race latch (right)	1
5	B-1803-280-000	Oscillating rock shaft hinge pin	1	26	B-1823-280-000	Spring, for shuttle race	2
6	SS-8150710-SP	. . . Clamp screw	1	27	B-1822-280-000	Shuttle race latch shaft	2
7	B-1804-280-000	Thrust collar (large) for oscillating rock	1	28	B-1814-280-000	Shuttle race	1
*8	B-1812-280-0A0	Shuttle driver asm.	1	29	B-1815-280-000	Shuttle race spring	1
8a	B-1812-280-000	Shuttle driver	①	30	SS-6060410-TP	. . . Screw	2
8b	B-1813-280-000	. . . Spring	①	31	B-1819-280-000	Shuttle race adjusting shaft	1
8c	SS-2060320-SP	 Screw	②	32	SS-7110510-TP	. . . Screw	1
9	SS-6121212-TP	. . . Clamp screw	1	33	SS-6151220-SP	Clamp screw, for shuttle race	1
10	B-1811-280-0A0	Shuttle driver shaft with crank	1	34	B-1824-280-0A0	Cylinder arm cap complete	1
11	CS-0800816-SH	. . . Thrust collar	1	35	B-1826-280-000	. . . Spring	1
12	SS-8110750-SP	 Clamp screw	2	36	SS-6111010-TP	 Clamp screw	1
13	B-1810-280-000	. . . Bushing	1	37	B-1411-804-B00	Connecting rod bearing	1
14	B-1809-280-00B	. . . Needle bearing	1	38	SD-0801021-TP	. . . Hinge screw	1
15	B-1808-280-000	Washer, for shuttle driver shaft crank	1				
16	B-1807-280-000	Slide block, for shuttle driver shaft crank	1				
17	B-1801-280-000	Shuttle drive connecting rod	1				
18	SS-7111110-SP	. . . Clamp screw	2				
19	B-1828-280-0A0	Bobbin case	1				
20	B-1827-280-000	Bobbin	1				
21	B-1821-280-000	Shuttle race latch (left)	1				

6. THREAD TRIMMER & NEEDLE PLATE COMPONENTS



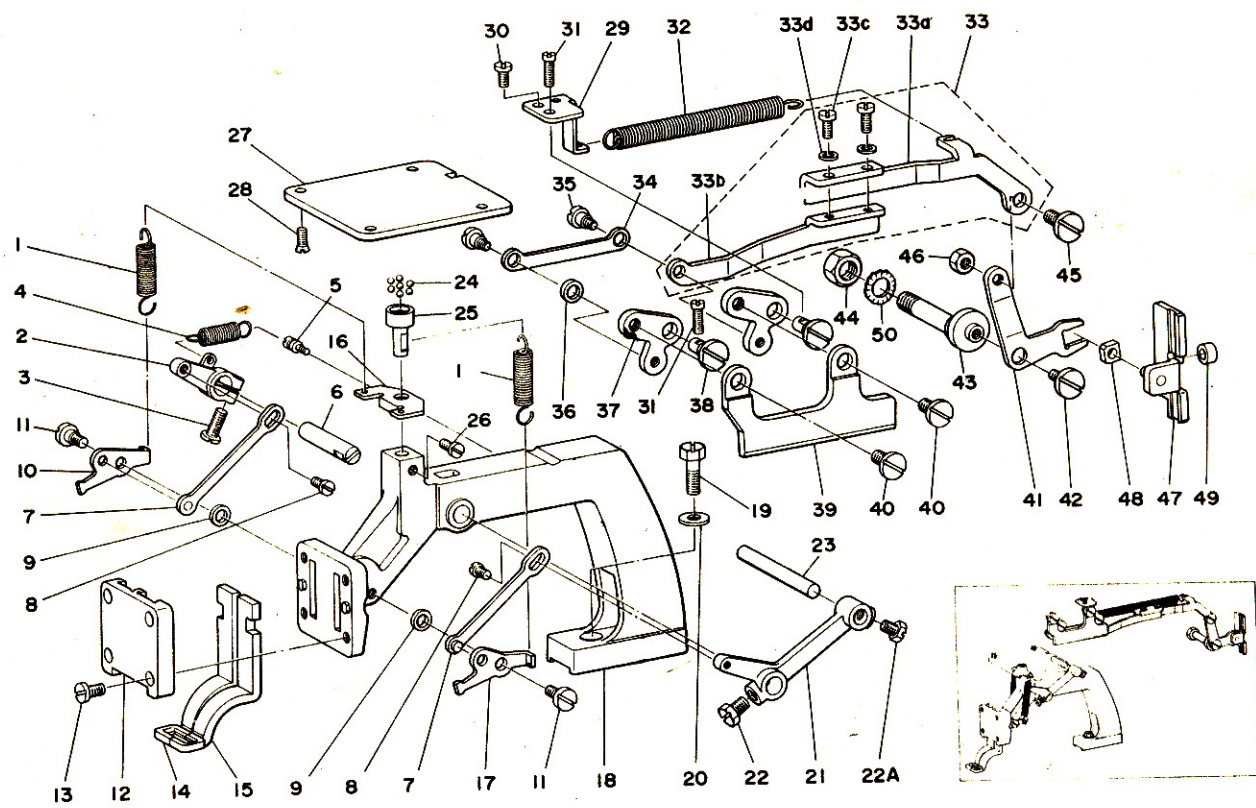
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-2425-280-0A0	Needle plate	1	17	B-2408-280-000	Knife driving bar connecting link	1
2	SS-1110640-TP	... Screw	4	18	B-2409-280-000	... Mounting base	1
3	B-2426-280-000	... Needle hole guide	1	19	SD-0790303-SP	... Hinge screw	1
4	SS-2060220-SP	... Screw	2	20	SD-0650305-SP	Hinge screw, for knife driving bar	3
5	B-2424-280-000	Counter knife	1	21	NS-6120310-SP	... Nut	3
6	SS-7090410-SP	... Screw	2	22	B-1110-280-000	Tension spring suspension	1
7	B-2418-280-000	Moving knife connecting link	1	23	B-2407-280-000	Knife driving rod	1
8	B-2415-280-0A0	Moving knife driving lever, small	1	24	B-2410-280-000	Tension spring	1
9	B-2416-280-000	... Collar	1	25	B-2412-280-000	... Suspension, upper	1
10	B-2413-280-000	Knife driving bar, large	1	26	SS-7110720-SP	... Screw	2
11	B-2414-280-0A0	Moving knife driving lever, large	1	27	B-2401-280-0A0	Knife driving rod tripping arm	1
12	SS-6110430-TP	... Screw	1	28	B-2403-280-000	... Stud	1
13	SS-7110510-SP	... Connecting screw	1	29	B-2404-280-000	Cam roller	2
14	B-2422-280-0A0	Moving knife	1	30	SS-6152440-SP	Screw, for stud	1
15	B-2423-280-000	... Washer	1				
16	SD-0500091-TP	... Hinge screw	1				

7. FEED CAM COMPONENTS



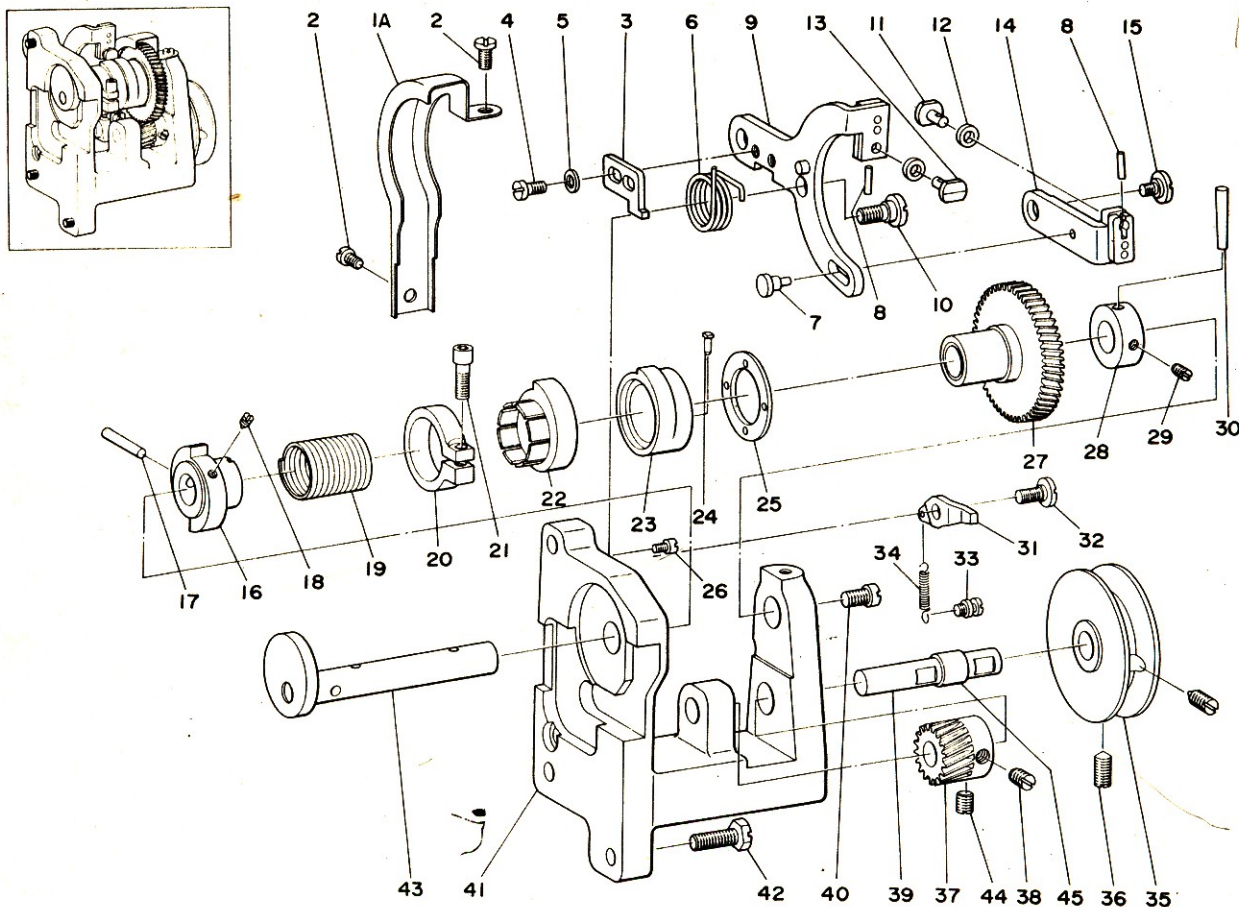
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-2519-280-000	Feed plate	1	34	B-2511-280-000	Feed regulator knob	1
2	SS-9150710-TP	... Screw	1	35	NS-6150310-SP	... Nut	1
3	WP-0651056-SD	... Washer	1	36	B-2508-280-000	Feed regulator rack	1
4	B-2518-280-000	... Carrier bar	1	37	SS-1090920-SP	... Screw	2
5	B-2533-280-000	Feed across driving block	1	38	B-2505-280-000	Feed regulator supporting plate	1
6	B-2515-280-000	Feed plate carrier bar guide plate, right	1	39	SS-9151120-CP	... Screw	2
7	SS-1110821-TP	... Screw (A)	6	40	B-2517-280-000	... Stud	1
8	SS-7112420-SP	... Screw (B)	2	41	SS-9151210-TP	... Screw	1
9	B-2534-280-000	Slide plate, for feed across driving block	1	42	B-2201-280-0A0	Worm wheel shaft complete	1
10	SS-2110910-SL	... Screw	4	43	B-2207-280-000	Feed cam position stud	1
11	B-2530-280-000	Feed across driving arm	1	44	B-2202-280-000	Worm wheel shaft bushing	1
12	SS-7110740-TP	Screw, for driving block	1	45	NS-6660511-SP	Nut, for position stud	1
13	B-2557-280-000	Washer, for driving arm	1	46	B-2503-280-000	Feed driving arm	1
14	B-2535-280-000	Supporting plate, for driving arm	1	41A	SS-9151210-TP	... Screw	1
15	SS-9151910-SN	... Screw	2	47	B-2501-280-000	Feed cam roller shaft	1
16	WP-0612516-SD	... Washer	2	35A	NS-6660430-SP	... Nut	1
17	B-2532-280-000	Stopper, for feed across driving arm stud	1	48	WP-0651056-SD	... Washer	1
18	SS-7110710-SP	... Screw	1	49	B-2502-280-00B	Feed cam roller	1
19	B-2531-280-000	Feed across driving arm stud	1	50	B-2523-280-000	Feed driving arm bracket	1
20	B-2524-280-0A0	Feed across driving arm connecting rod	1	51	SM-6081542-CP	... Screw	2
21	WP-0501016-SD	Washer, for driving block	1	52	B-2521-280-000	Feed across regulator	1
22	SS-9661230-CP	Screw, for connecting rod	1	53	B-2529-280-000	Feed across scale	1
23	B-2516-280-000	Feed plate carrier bar guide plate, left	1	54	SS-3090510-SP	... Screw	2
24	B-2512-280-000	Feed plate carrier bar slide plate	1	55	B-2522-280-000	Feed across regulator shaft	1
25	SD-0790433-TP	Hinge screw, for feed plate carrier bar	1	56	B-2554-280-000	Indicator	1
26	NS-6150310-SP	... Nut	1	57	B-2528-280-000	Wing nut	1
27	B-2514-280-000	Ball joint connection	1	58	B-2520-280-000	Feed cam roller shaft	1
28	SS-9121410-TP	... Screw	4	18A	SS-7110710-SP	... Screw	1
29	B-2513-280-000	Feed regulator pin	1	49A	B-2502-280-00B	Feed cam roller	1
30	B-2504-280-000	Feed regulator	1	59	B-2209-280-000	Feed cam	1
31	SS-8151350-SP	... Pin set screw	1	60	NS-6360621-SN	Worm wheel shaft set nut	1
32	B-2506-280-0A0	Pinion	1	61	B-2510-280-000	Screw, for feed regulator knob	1
33	B-2507-280-000	... Slide block	1	62	WP-0612516-SD	... Washer	1

8. WORK CLAMP FOOT COMPONENTS



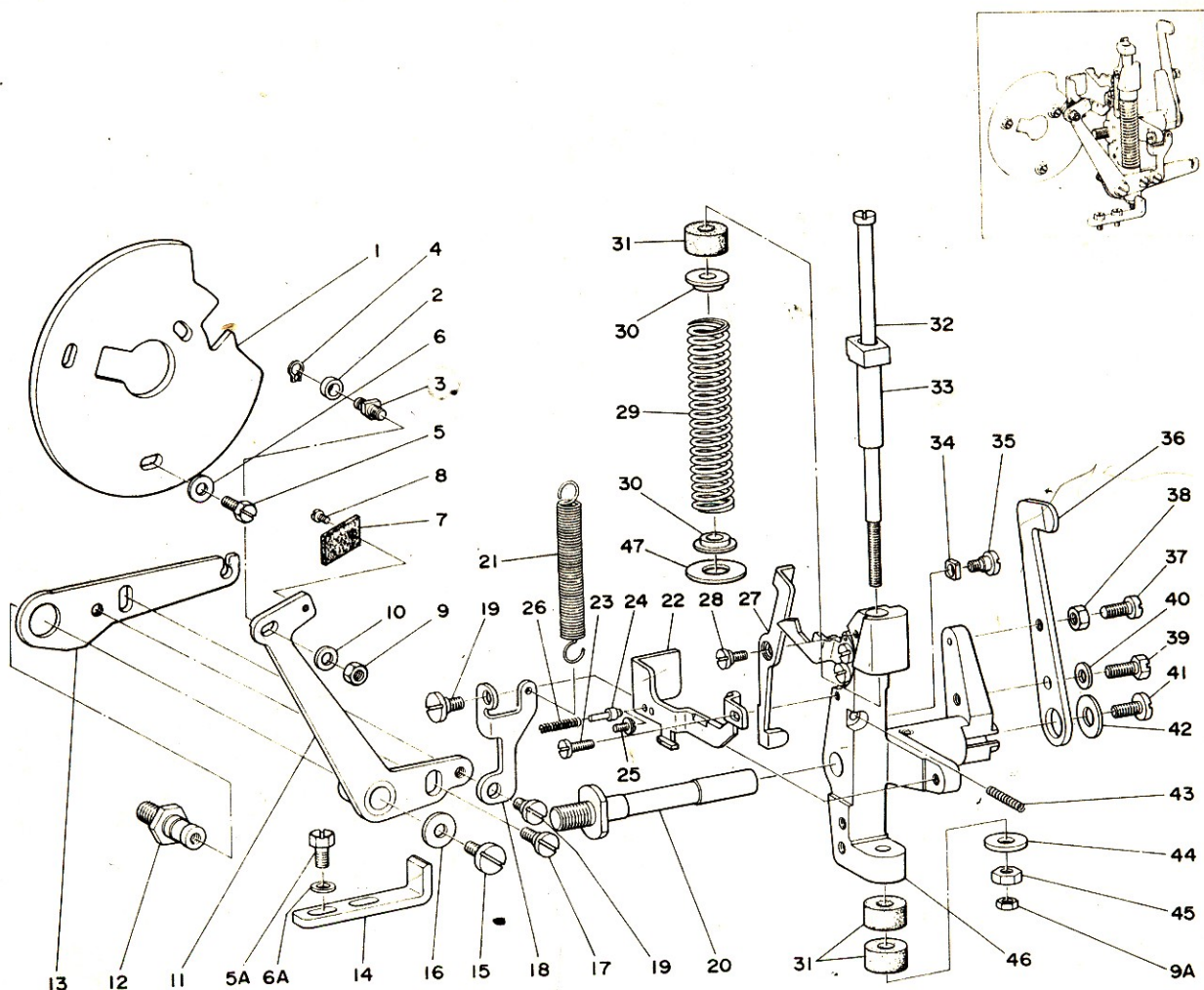
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-2545-280-000	Pressure spring	2	29	B-1514-280-000	Spring suspension	1
2	B-2538-280-000	Work clamp foot lifting lever, small	1	30	SS-7110710-SP	... Screw	1
3	SS-6121212-TP	... Screw	1	32	B-1513-280-000	Tension spring	1
4	B-2556-280-000	... Spring,	1	*33	B-1506-280-0A0	Work clamp foot lowering lever asm.	1
5	B-2036-372-000	... Suspension	1	33a	B-1506-280-000	Work clamp foot lowering lever (A)	①
6	B-2539-280-000	... Stud	1	33b	B-1507-280-000	Work clamp foot lowering lever (B)	①
7	B-2540-280-0A0	... Link	2	33c	SS-7110910-TP	... Screw	②
8	SS-6110620-TP	... Screw	2	33d	WS-0451040-KP	... Spring washer	②
9	B-2544-280-000	Washer, for work clamp foot hook	2	34	B-1503-280-000	Work clamp foot lowering link	1
10	B-2542-280-000	Work clamp foot hook, right	1	35	SD-0640602-SP	... Screw	2
11	SD-0600452-TP	... Hinge screw	2	36	B-1504-280-000	... Collar	1
12	B-2547-280-000	Work clamp foot face plate	1	37	B-1502-280-000	Work clamp foot lowering plate driving arm	2
13	SS-7120910-SP	... Screw	4	38	B-1505-280-000	... Stud	2
14	B-2551-280-000	Work clamp foot, right	1	31	SS-6111110-SP	... Screw	2
15	B-2552-280-000	Work clamp foot, left	1	39	B-1501-280-000	Work clamp foot lowering plate	1
16	B-2546-280-000	Pressure spring suspension	1	40	SD-0790431-SP	... Hinge screw	2
17	B-2543-280-000	Work clamp foot hook, left	1	41	B-1508-280-000	Work clamp foot lowering fork	1
18	B-2536-280-0A0	Work clamp foot mounting base	1	42	SS-6110640-SP	... Screw	1
19	SS-9151630-CP	... Screw	1	43	B-1509-280-000	... Stud	1
20	WP-0621016-SD	... Washer	1	44	NS-6740510-SP	... Nut	1
21	B-2537-280-000	Work clamp foot lifting lever, large	1	45	SD-0720332-SP	Hinge screw, for lowering lever	1
22	SS-9660940-SP	... Screw	1	46	NS-6150310-SP	... Nut	1
23	B-2555-280-000	Work clamp foot lifting shaft	1	47	B-1515-280-0A0	Work clamp foot lowering slide plate plate	1
22A	SS-9660940-SP	... Screw	1	48	B-1510-280-000	... Slide block	1
24	B-2549-280-000	Ball, for work clamp foot mounting base	7	49	B-2404-280-000	... Roller	1
25	B-2548-280-000	... Retainer	1	50	B-1516-280-000	Teethed washer	1
26	SS-6120740-SP	... Screw	1				
27	B-2550-280-000	... Support plate	1				
28	SS-2110920-TP	... Screw	4				

9) PEDAL PRESSURE DECREASING UNIT COMPONENTS



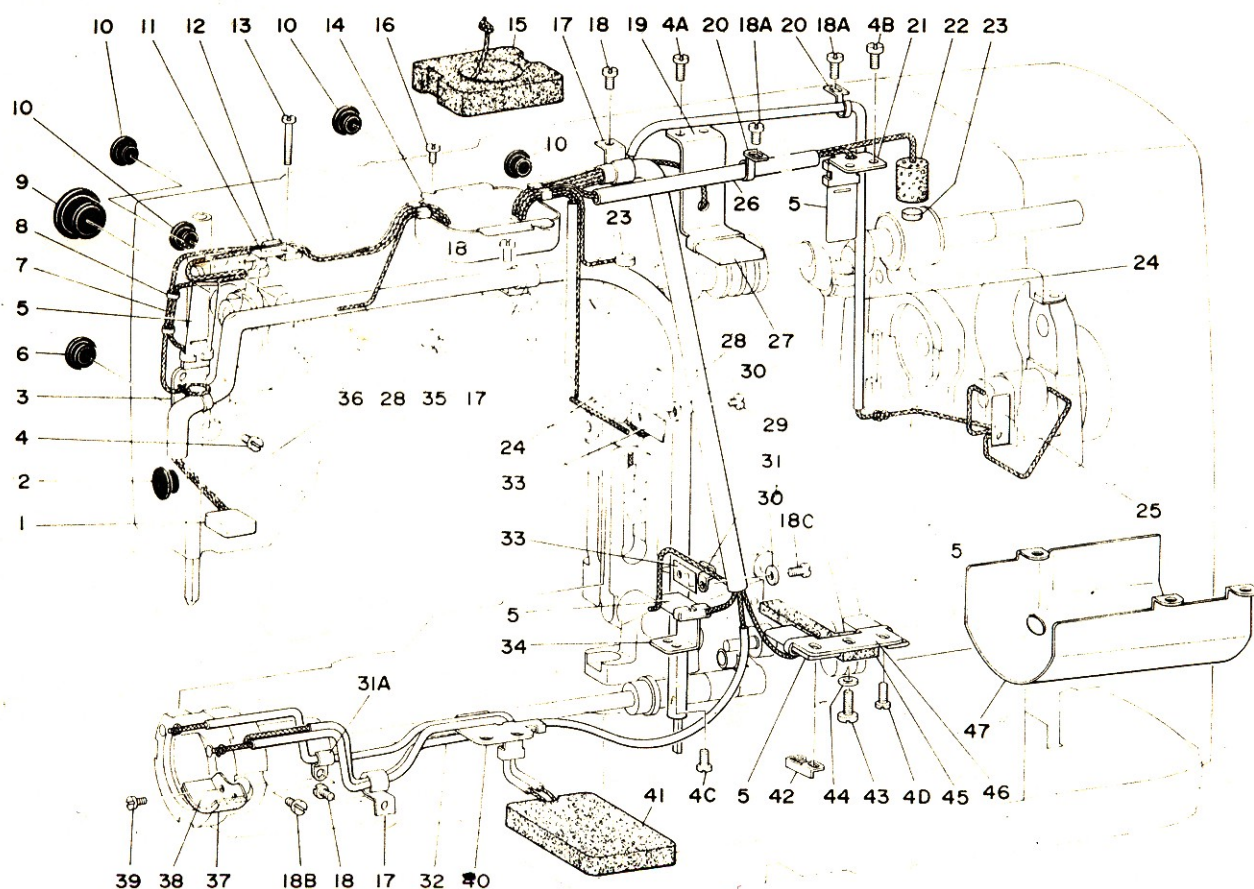
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-3001-280-0A0	Pedal pressure decreasing unit	(1)	24	B-3012-280-000	Pin	1
1A	B-3006-280-000	Cover, for gear	1	25	B-3008-280-000	Thrust washer	1
2	SS-7110740-TP	Screw	2	26	SS-6090640-SP	Screw, for work clamp lifting spring	1
3	B-3031-280-000	Safety adjusting plate	1	27	B-3004-280-0A0	Pressure decreasing gear, large	1
4	SS-7110720-TP	Screw	2	28	B-3016-280-000	Thrust collar, for shaft	1
5	WP-0450000-SD	Washer	2	29	SS-8110510-SP	Screw	1
6	B-3027-280-000	Spring, for work clamp lifting lever	1	30	PT-0402200-C0	Pin	1
7	B-3026-280-000	Pin	1	31	B-3028-280-000	Reverse rotation preventing latch	1
8	B-3023-280-000	Pin, for stopper	2	32	SD-0600321-SP	Hinge screw	1
9	B-3019-280-0A0	Work clamp lifting lever	1	33	B-1110-280-000	Spring suspension	1
10	SD-0790361-SP	Screw	1	34	B-3029-280-000	Spring, for reverse rotation preventing latch	1
11	B-3024-280-000	Stopper, for guide plate	1	35	B-3002-280-000	Driving pulley	1
13	B-3020-280-000	Stopper	1	36	SS-8151230-SP	Screw	2
12	B-3021-280-000	Rubber ring	2	37	B-3003-280-000	Pressure decreasing gear, small	1
14	B-3025-280-0A0	Lifting lever guide plate	1	38	SS-8660810-TP	Screw (A)	1
15	SD-0800271-SP	Screw	1	39	B-3007-280-000	Shaft	1
16	B-3010-280-000	Pressure decreasing clutch	1	40	SS-7150740-SP	Grease sealing screw	1
17	PT-0402200-SH	Pin	1	41	B-3001-280-000	Pressure decreasing unit frame	1
18	SS-8090540-SP	Screw	1	42	SS-9151740-CP	Screw	3
19	B-3009-280-000	Spring	1	43	B-3015-280-000	Pressure decreasing shaft	1
20	B-3014-280-000	Thrust collar, for sleeve	1	44	SS-8660610-TP	Screw (B), for small gear	1
21	SS-6121212-TP	Screw	1	45	B-3033-280-000	Bushing, for pressure decreasing shaft	1
22	B-3013-280-000	Inner sleeve	1				
23	B-3011-280-000	Outer sleeve	1				

10. STOP-MOTION MECHANISM COMPONENTS



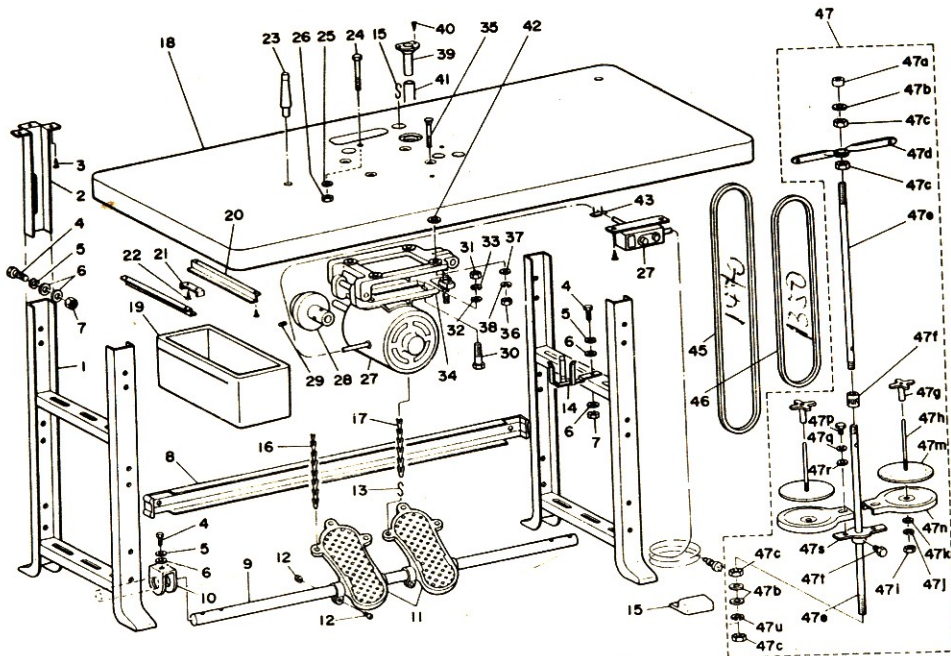
Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-2612-280-000	Stop-motion regulating cam	1	26	B-1217-280-000	Spring	1
2	B-2613-280-000	Roller	1	27	B-2605-280-000	Stop-motion lever driving lever	1
3	B-2614-280-000	Shaft	1	28	SD-0700251-SP	Hinge screw	1
4	B-2615-280-000	Stop ring	1	29	B-2606-280-000	Pressure spring, for stop link rod	1
5	SS-9151120-CP	Screw	3	30	B-2607-280-000	Washer	2
6	WP-0621016-SD	Washer	3	31	B-2608-280-000	Rubber cushion, for stop link rod	3
7	B-3520-280-000	Oil felt	1	32	B-2604-280-000	Stop link rod	1
8	SS-6090630-SP	Screw	1	33	B-2603-280-000	Latch	1
9	NS-6150310-SP	Roller shaft set nut	1	34	B-2609-280-000	Slide block	1
10	WP-0621016-SD	Washer	1	35	SD-0640323-TP	Hinge screw	1
13	B-2619-280-000	Starting lever	1	36	B-2611-280-000	Driving pulley pressing plate	1
11	B-2616-280-0A0	Stop-motion regulating lever complete	1	37	SS-6151440-SP	Adjusting screw	1
12	B-2618-280-000	Stud	1	38	NS-6150540-SP	Nut	1
14	B-2621-280-000	Stopper, for starting lever	1	39	SS-9151440-CP	Screw	1
5A	SS-9151120-CP	Screw	2	40	WP-0621016-SD	Washer	1
6A	WP-0621016-SD	Washer	2	41	SS-7151330-SP	Screw, for stop-motion lever	1
15	SS-7151330-SP	Screw, for regulating lever	1	42	WP-0612056-SD	Washer	1
16	WP-0612056-SD	Washer	1	43	B-2622-280-000	Spring, for stop-motion lever driving plate	1
17	SD-0790511-SP	Hinge screw, for starting lever	1	44	WP-0612056-SD	Washer, for rubber cushion	1
18	B-2620-280-000	Stop-motion connecting lever	1	45	NS-6150440-SP	Pressure spring adjusting nut, large	1
19	SD-0720331-SP	Hinge screw	2	9A	NS-6150310-SP	Pressure spring adjusting nut, small	1
20	B-2602-280-000	Stop-motion lever installing shaft	1	46	B-2601-280-0A0	Stop-motion lever	1
21	B-2610-280-000	Stop-motion lever tension spring	1	47	WP-0751576-SD	Washer, for rubber cushion	1
22	B-3030-280-000	Safety plate	1				
23	SS-6111440-SP	Screw	1				
24	B-3032-280-000	Stopper pin	1				
25	SS-5110740-TP	End screw	1				

11. OIL LUBRICATION MECHANISM COMPONENTS



Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
1	B-3507-280-000	Oil felt	1	25	B-3521-280-000	Oil sponge, for gear	1
2	B-1179-552-000	Face plate rubber plug	1	26	BP-6000000-00	Vinyl tube, 6 φ	1
3	B-3506-280-000	Oil wick holder, for needle bar crank	1	27	B-3213-232-000	Oil felt, for worm	1
4	SS-7110910-SP	... Screw	1	28	BP-8000000-00	Vinyl tube, 8 φ	1
5	B-3509-280-000	Oil sponge	5	29	SS-7090320-SP	Oil sponge set screw	1
6	B-1159-581-000	Rubber plug, large	1	30	WP-0480856-SP	... Washer, small	2
7	CQ-2520000-00	Oil wick	1	31	B-3538-112-000	Oil wick presser plate	1
8	B-1419-026-000	... Holder	3	18C	SS-7110710-SP	... Screw	1
9	B-1165-415-000	Rubber plug, for counterweight set screw	1	33	B-3517-280-000	Oil sponge, for feed driving arm	2
10	B-1187-552-000	Rubber plug, medium	4	34	B-3516-280-000	Oil felt installing plate	1
11	B-3518-280-000	Oil sponge, for take-up lever	1	4C	SS-7110910-SP	... Screw	2
12	B-3508-280-000	... Holder	1	35	B-1165-012-000	Rubber plug, small	1
13	SS-6092120-SP	... Screw	1	36	B-3541-012-000	Oil return felt	1
14	B-3501-280-000	Oil tank	1	37	B-3504-280-000	Oil felt, for shuttle race	1
15	B-3502-280-000	... Felt	1	38	B-3505-280-000	... Presser plate	1
16	SS-7090520-SP	... Screw	2	39	SS-6090510-TP	... Screw	2
17	B-3505-761-000	Oil tube holder	3	31A	B-3538-112-000	Oil wick holder	1
18	SS-7110710-SP	... Screw	3	18B	SS-7110710-SP	... Screw	1
19	B-3510-280-000	Oil felt installing plate, for worm	1	40	B-3522-280-000	Oil wick holder	1
4A	SS-7110910-SP	... Screw	2	41	B-3503-280-000	Oil drip felt	1
20	B-3523-280-000	Oil tube holder	2	42	B-3506-761-000	Oil wick holder	1
18A	SS-7110710-SP	... Screw	2	43	SS-6111140-SP	Oil felt set screw	1
21	B-3512-280-000	Oil felt installing plate	1	44	WP-0520653-SA	Oil sponge set washer	1
4B	SS-7110910-SP	... Screw	2	45	B-3515-280-000	Oil wick supporting felt	1
22	B-3519-280-000	Oil felt, for main shaft rear bushing	1	46	B-3513-280-000	Oil felt supporting plate	1
23	B-3511-280-000	Oil felt, for main shaft bushing	2	4D	SS-7110910-SP	... Screw	2
24	BP-3000000-00	Vinyl tube 3 φ	1	47	B-3524-280-000	Oil guard	1

12. TABLE COMPONENTS



Ref. No.	Part No.	Description	Amt. Req.	Ref. No.	Part No.	Description	Amt. Req.
*	B-8101-232-0B0	Table leg asm. (No. 1-15)	1	(31)	NM-6060001-SE	... Nut	(4)
1	B-8101-012-0A0	Table legs	(2)	(32)	WP-0611616-SC	... Washer	(4)
2	B-8120-012-000	Height adjusting extension	(4)	(33)	WS-0621210-KR	... Spring washer	(4)
3	SK-1483200-SE	... Screw	(12)	(34)	B-7101-761-BA0	Motor installing base asm.	1
4	SM-9082023-SE	... Clamp screw	(15)	*	MTJ-MS00000S	Motor installing base set bolt asm.	4
5	WS-0861410-KR	... Spring washer	(15)	35	MTJ-MS000000	Motor installing base set bolt	(4)
6	WP-0871602-SE	... Washer	(20)	36	NS-6200710-SN	... Nut	(4)
7	NM-6080721-SE	... Nut	(13)	37	WP-0850092-SC	... Washer	(4)
8	B-8122-012-000	Leg side support	(2)	38	WS-0902010-KN	... Spring washer	(4)
9	B-8123-012-000	Leg bottom support	(1)	39	B-8236-771-000	Oil drain funnel	1
10	B-8124-012-000	... Bracket	(2)	40	SK-1211000-SC	... Screw	3
11	B-8401-232-000	Pedal	(2)	41	B-9103-771-000	Oil drain tube	1
12	B-8102-232-0A0	... Thrust collar	(2)	42	MTJ-MGC00000	Motor rubber cushion	4
13	B-8133-019-000	S-shaped hook	(4)	43	B-7108-012-000	Staple	5
14	B-8126-012-0A0	Oiler holder	(1)	45	MTJ-VM004700	V-belt, for driving 2,000 s.p.m. (50 Hz)	1
15	B-8140-012-000	Rubber cushion	(4)		MTJ-VM004600	V-belt, for driving 1,700 s.p.m. (50 Hz)	
16	B-8103-232-000	Chain A (accessory part for head)	(1)		MTJ-VM004500	V-belt, for driving 1,400 s.p.m. (50 Hz)	
17	B-8131-019-000	Chain B (accessory part for head)	(1)		MTJ-VM004600	V-belt, for driving 2,000 s.p.m. (60 Hz)	
*	B-8201-280-0A0	Table top asm. (No. 18-26)	1		MTJ-VM004500	V-belt, for driving 1,700 s.p.m. (60 Hz)	
18	B-8201-280-000	Table top	1		MTJ-VM004400	V-belt, 1,400 s.p.m. (60 Hz)	
19	B-8203-012-000	Drawer	1	46	MTJ-VM003500	V-belt, for pressure decreasing 2,000 s.p.m. (50 Hz)	1
20	B-8204-012-0A0	... Support	2		MTJ-VM003400	V-belt, for pressure decreasing 1,700 s.p.m. (50 Hz)	
21	B-8205-012-000	... Stopper	(1)		MTJ-VM003400	V-belt, for pressure decreasing 1,400 s.p.m. (50 Hz)	
22	SK-3482500-SC	... Screw	(2)		MTJ-VM003400	V-belt, for pressure decreasing (60 Hz)	
23	B-8216-012-0A0	Head support	(1)		MTJ-VM003400	V-belt, for pressure decreasing (60 Hz)	
*	BNE-GSET0001	Head base set bolt asm. (No. 24-26)	3	* 47	D-3301-555-BA0	Thread unwinder complete	1
24	SS-9156830-CP	Head base set bolt	(3)	47a	B-3311-704-000	Thread guide rod rubber cap	(1)
25	WP-0612056-SD	... Washer	(3)	47b	WP-1702600-S0	Thread guide position washer	(3)
26	NS-6150310-SP	... Nut	(3)	47c	NM-6160511-SE	Thread guide position nut	(4)
27	MTE-4200020S	Motor complete (with power source switch)	1	47d	D-3307-555-B00	Thread	(1)
	MTJ-4380020S	Completely enclosed motor (380V)	(1)	47e	B-3301-704-000	Thread guide rod	(2)
	MSH4220020S	Completely enclosed motor (220V)	(1)	47f	B-3305-704-000	... Set collar	(1)
28	B-7101-280-000	Motor pulley 2,000 s.p.m. (50 Hz)	1	47g	B-3312-012-000	Spool pin washer (rubber)	(2)
	B-7101-280-00B	Motor pulley 1,700 s.p.m. (50 Hz)	(1)	47h	B-3305-012-000	Spool pin	(2)
	B-7101-280-00C	Motor pulley 1,400 s.p.m. (50 Hz)	(1)	47i	NS-6123881-SE	... Nut	(2)
	B-7102-280-000	Motor pulley 2,000 s.p.m. (60 Hz)	(1)	47j	WS-0621010-KN	... Spring washer	(2)
	B-7102-280-00B	Motor pulley 1,700 s.p.m. (60 Hz)	(1)	47k	WP-0560860-SE	... Washer	(2)
	B-7102-280-00C	Motor pulley 1,400 s.p.m. (60 Hz)	(1)	47m	B-3311-012-000	Spool cap	(2)
29	SS-9151160-CP	... Screw	2	47n	B-3303-704-000	Spool rest	(2)
*	BNE-GSET0002	Motor set bolt asm.	4	47p	SM-9050813-SE	... Screw	(2)
30	SM-9083813-SN	Motor set bolt	(4)	47q	WS-0621010-KN	... Spring washer	(2)
31	NM-6080710-SN	... Nut	(4)	47r	WP-0620656-SA	... Washer	(2)
32	WP-0850002-SC	... Washer	(4)	47s	D-3302-555-B00	... Bracket	(1)
33	WS-0902010-KN	... Spring washer	(4)	47t	SM-9061080-SE	... Screw	(1)
*	BNE-GSET0003	Completely enclosed motor set bolt asm.	(4)	47u	WS-1643202-KN	*Thread guide rod set spring washer	(1)
(30)	SM-9063213-CN	Completely enclosed motor set bolt	(4)				

13. NUMERICAL INDEX OF PARTS

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