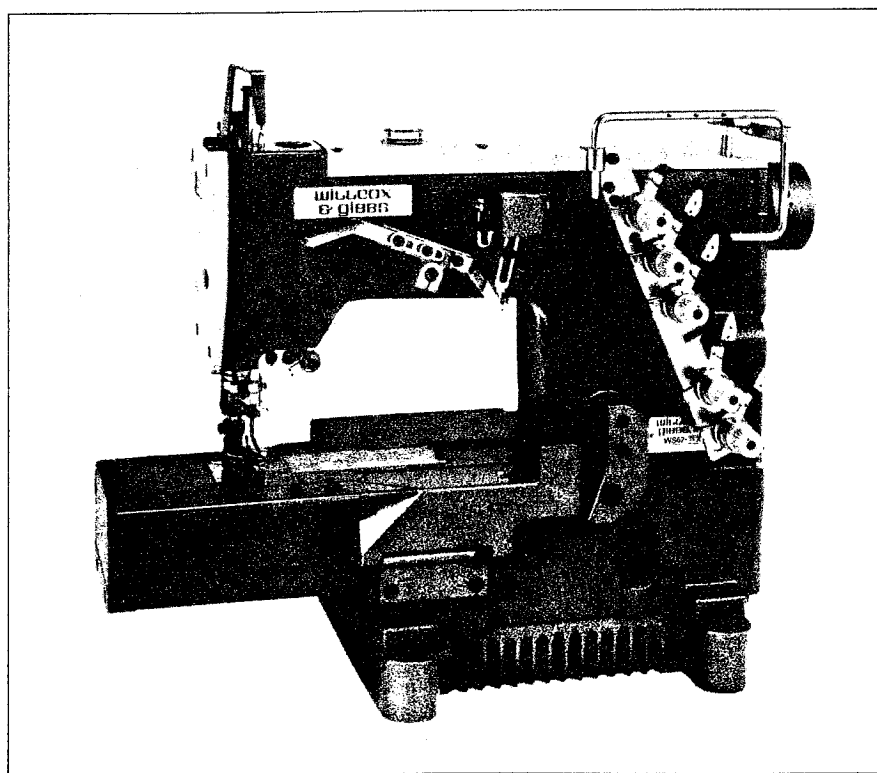


WS SERIES

MODELS: WS62. WS42.

SECOND EDITION



WILCOX & GIBBS

INTRODUCTION

This parts catalog has been arranged in the following manner on the basis of WS62.

ARRANGEMENT BY MECHANISM (Pages 2-93)

Each mechanism is arranged on facing pages, the first page containing the illustrations and the second page containing the data of the individual parts. The machine type numbers in the illustrations indicate which machines the parts are used on.

Note 1: The words after the slash / and in brackets () in the part name are specifications and auxiliary explanations of the parts. EXAMPLE: BRACKET/BINDER

GAUGE PARTS CONSTRUCTION CHARTS/GAUGE PARTS LISTS

Gauge parts are used in some machine types and sewing gauges only. Pages 94-107 contain the gauge parts construction charts in order to know the illustrations and the combinations of the parts, and pages 108-114 contain the gauge parts lists to obtain the data at a glance.

PART NUMBER INDEX (Pages 115-120)

A part number index is attached to the back of this catalog for convenience.

ORDERING PARTS

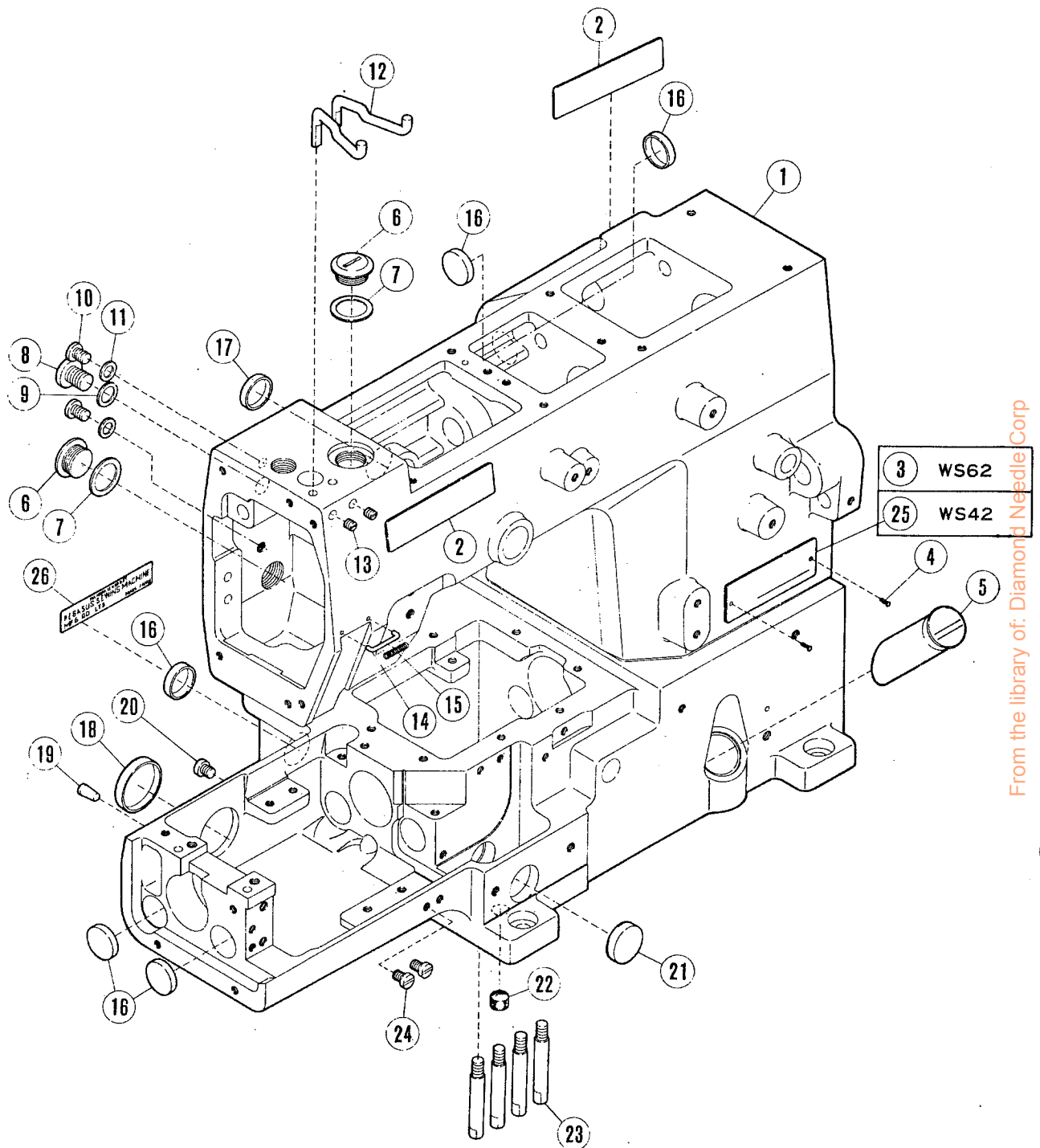
When placing orders for parts from this catalog, use ONLY THE PART NUMBER.

APPLICATION OF THIS CATALOG

This catalog covers the machines manufactured in March, 1983 and is applicable to your machine subject to change without notice.

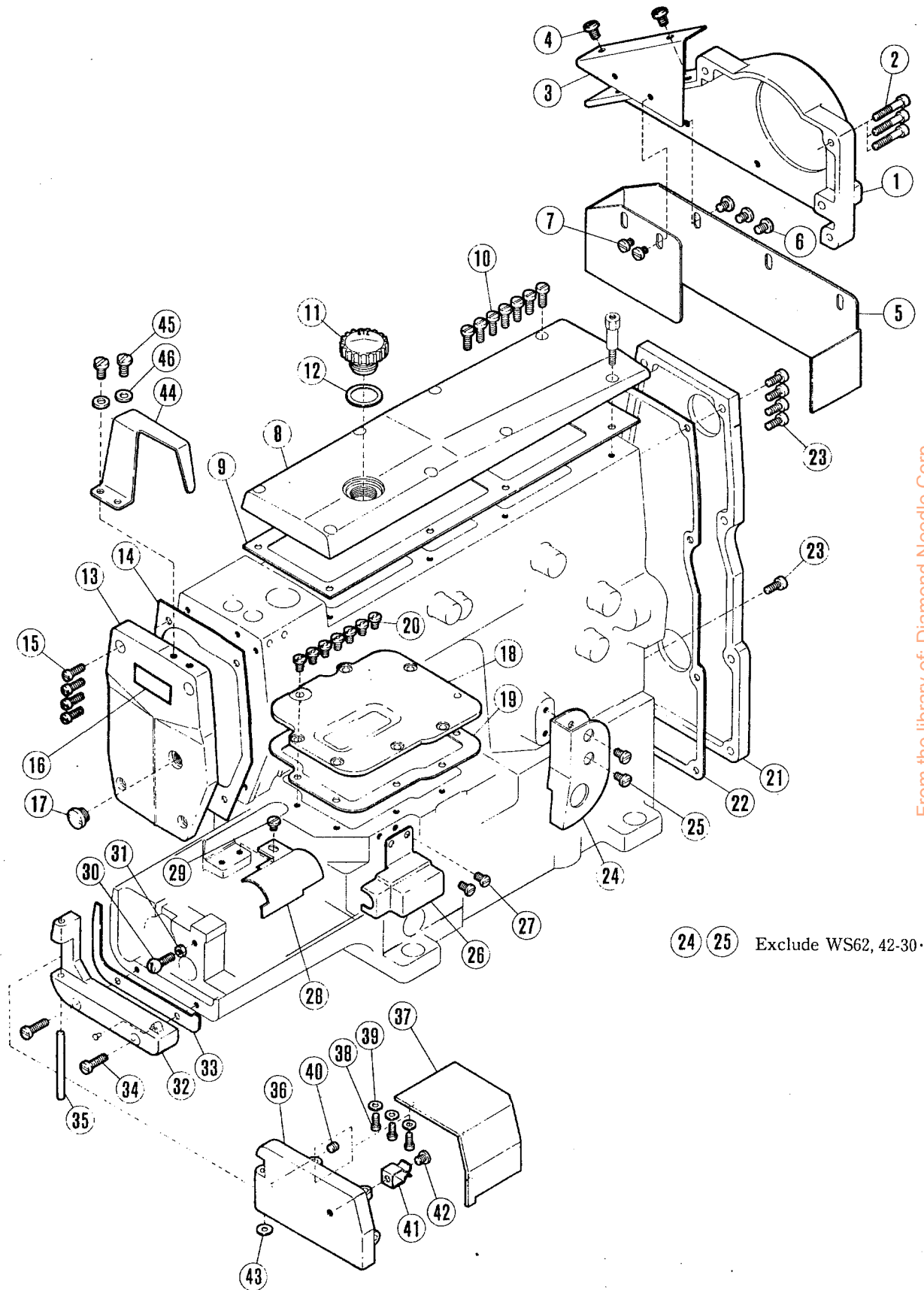
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MECHINE BED FRAME

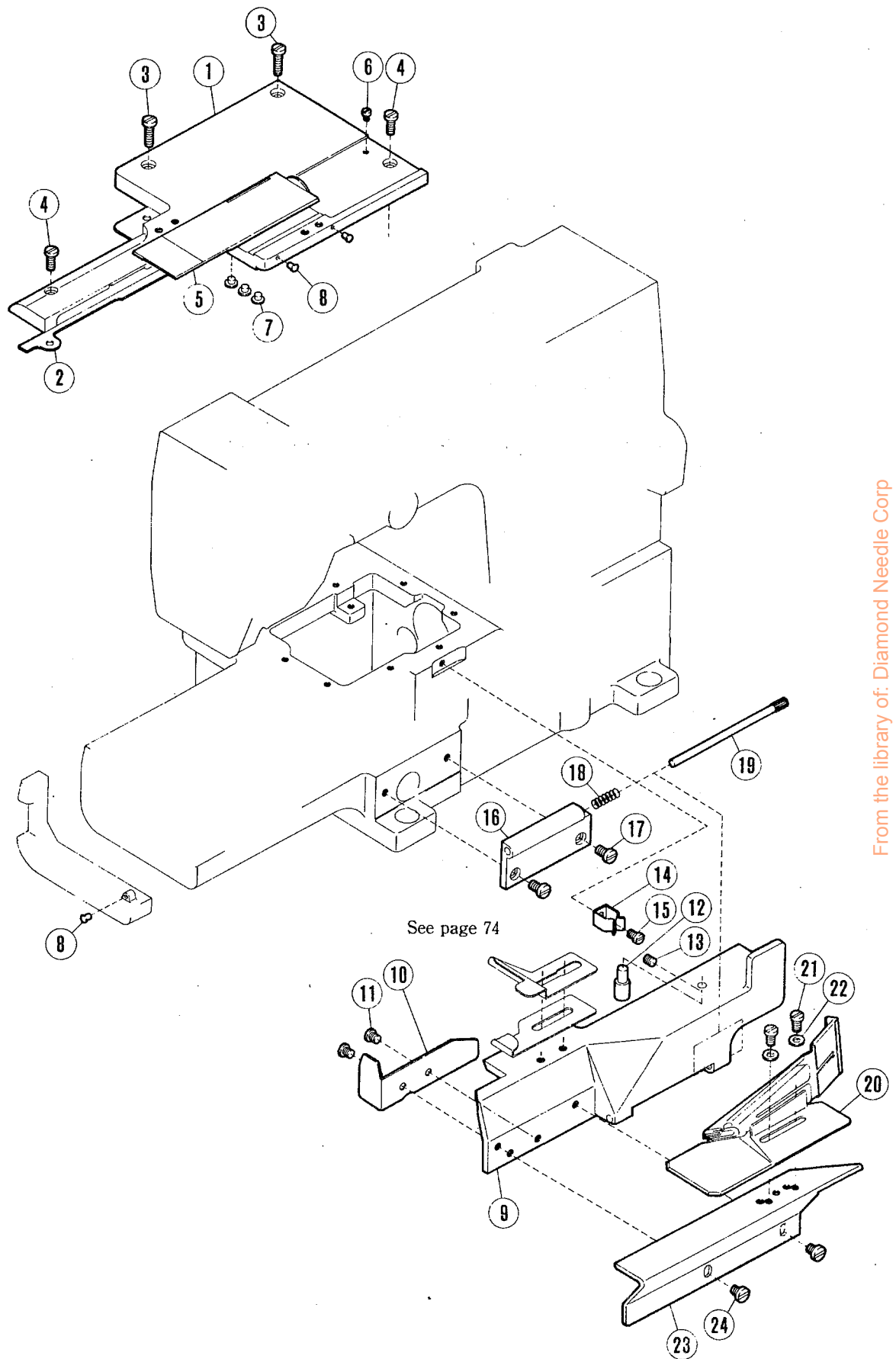
REF. NO.	PART NO.	NAME	QT.	MEMO
1	206700-FD	MACHINE FRAME	1	
2	210526	NAME PLATE	2	
3	212280	TYPE PLATE	1	
4	210679	PIN	2	
5	206590	OIL SIGHT GAUGE	1	
6	5179	SCREW	2	
7	201006	WASHER	2	
8	5138B	SCREW	1	
9	202287A	WASHER	1	
10	5092	SCREW	2	
11	200138	WASHER	2	
12	206704	THREAD GUIDE HOOK	2	
13	1457	SCREW	2	
14	201562A	THREAD GUIDE HOOK	1	
15	206333	NEEDLE THREAD GUIDE SPRING	1	
16	206705	PLUG	5	
17	206195	BUSHING COLLAR	1	
18	206707	CAP	1	
19	202903	PLUG	1	
20	5197	SCREW	1	
21	206852	PLUG	1	
22	204794A	OIL FILTER	1	
23	204006	BED PIN	4	
24	5117	SCREW	2	
25	212280	TYPE PLATE	1	
26	202526	NAME PLATE	1	



(24) (25) Exclude WS62, 42-30-32

COVER(1)

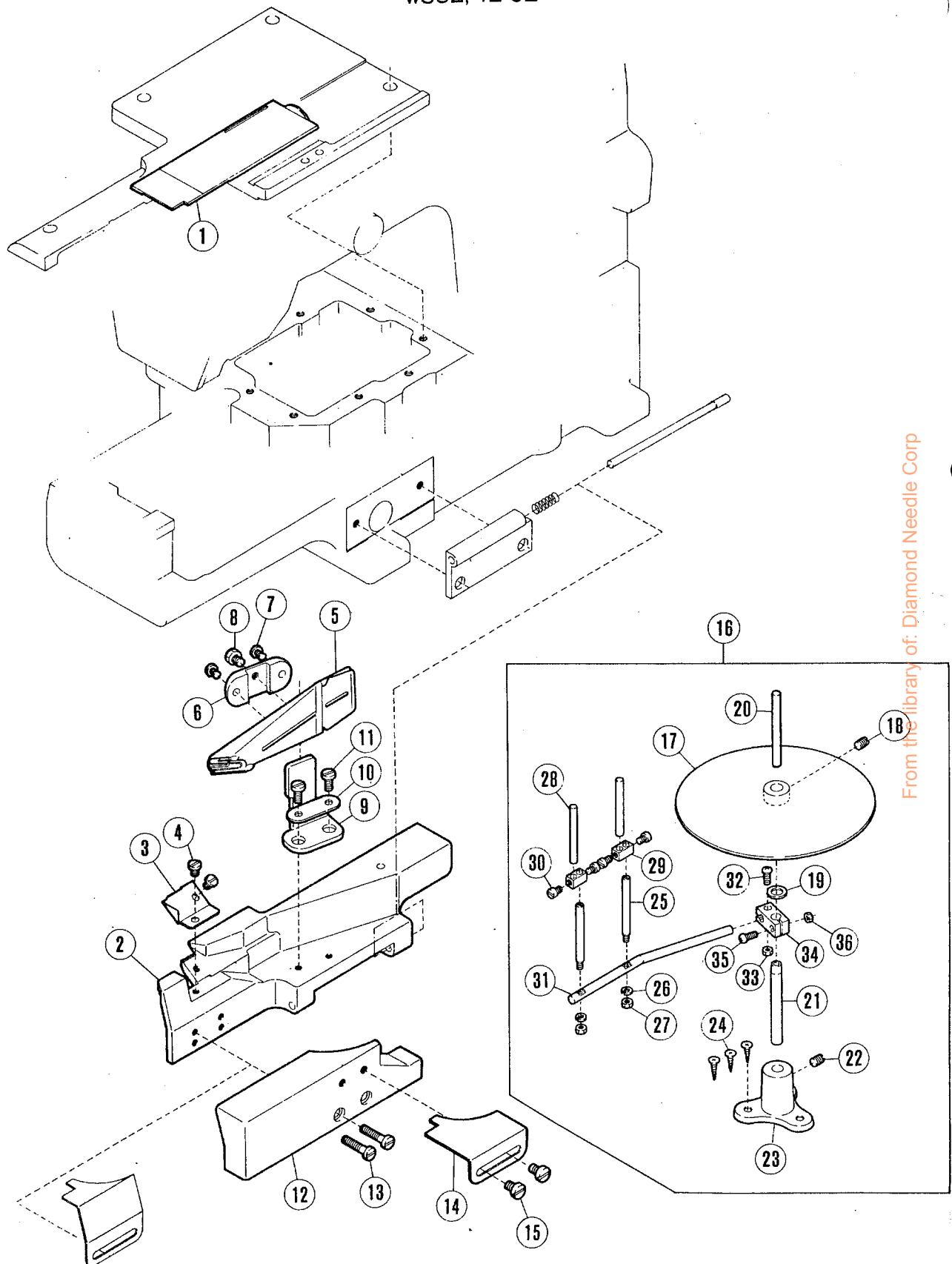
REF. NO.	PART NO.	NAME	QT.	MEMO
1	206968-FD	PULLEY COVER	1	
2	5094	SCREW	3	
3	206984	AUX. PLATE	1	
4	5214	SCREW	2	
5	207355	BELT GUARD	1	
6	5214	SCREW	3	
7	2905	SCREW	2	
8	206946-HD	TOP COVER	1	
9	206947	PACKING	1	
10	5118	SCREW	7	
11	206457	OIL SIGHT WINDOW	1	
12	206682	GASKET	1	
13	206944-HD	FACE PLATE	1	
14	206945	PACKING	1	
15	5118	SCREW	4	
16	205723	NAME PLATE	1	
17	5242	SCREW	1	
18	206950	BED PLATE	1	
19	206951	PACKING	1	
20	5458	SCREW	7	
21	206948-FD	BELT COVER	1	
22	206949	PACKING	1	
23	5118	SCREW	5	
24	206681-FD	LOOPER THREAD COVER	1	
25	4009-1	SCREW	2	
26	206966	OIL SHIELD	1	
27	4009-1	SCREW	2	
28	206964	OIL SHIELD	1	
29	2905	SCREW	1	
30	206959	LATCH	1	
31	3044	NUT	1	
32	206956-FD	HINGE	1	
33	206957	PACKING	1	
34	5152	SCREW	2	
35	206958	PIN	1	
36	206943-FD	SIDE COVER	1	
37	206955-FD	CLOTH PLATE	1	
38	1174	SCREW	3	
39	137906	WASHER	3	
40	5210	SCREW	1	
41	206028	LATCH	1	
42	5261	SCREW	1	
43	206975	THRUST WASHER	1	
44	207431-FD	THREAD COVER	1	
45	5214	SCREW	2	
46	204585	WASHER	2	



COVER(2)

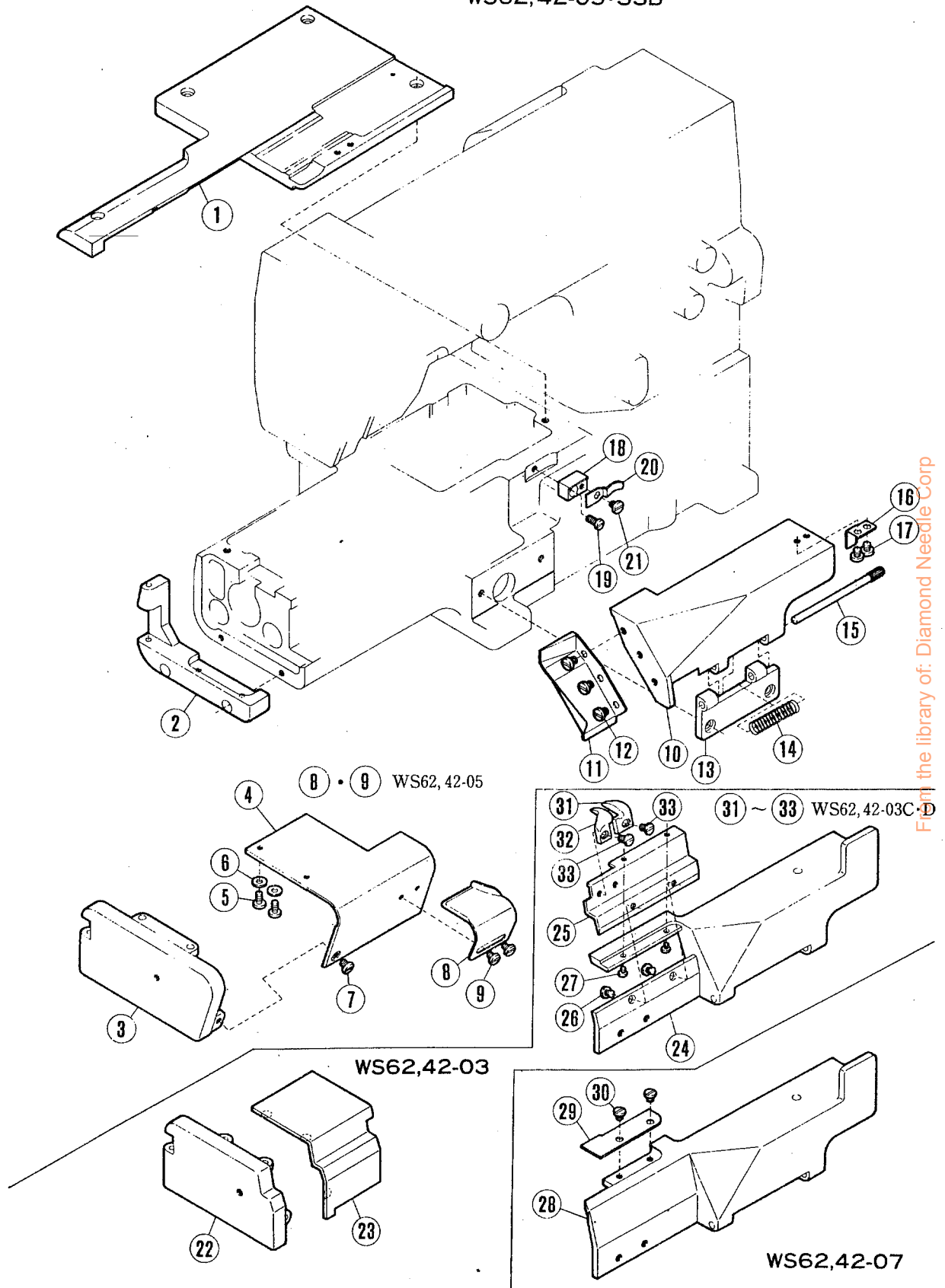
REF. NO.	PART NO.	NAME	QT.	MEMO
1	206952-FD	BED COVER	1	
2	206953	PACKING	1	
3	5152	SCREW	2	
4	5118	SCREW	2	
5	206954	SLIDE PLATE	1	
6	5500	SCREW	1	
7	210025	CUSHION RUBBER	3	
8	198192	CUSHION RUBBER	3	
9	206960-FD	FRONT COVER	1	
10	206967	OIL SHIELD	1	
11	5261	SCREW	2	
12	206963	LATCH	1	
13	5234	SCREW	1	
14	206028	LATCH	1	
15	5113	SCREW	1	
16	206961-FD	HINGE	1	
17	5116	SCREW	2	
18	192130	SPRING	1	
19	206962	PIN	1	
20		BINDER	1	
21	5116	SCREW	2	
22	202058	WASHER	2	
23	207134-FD	BRACKET/BINDER	1	
24	5214	SCREW	2	

WS62, 42-02



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WS62,42-05•33B



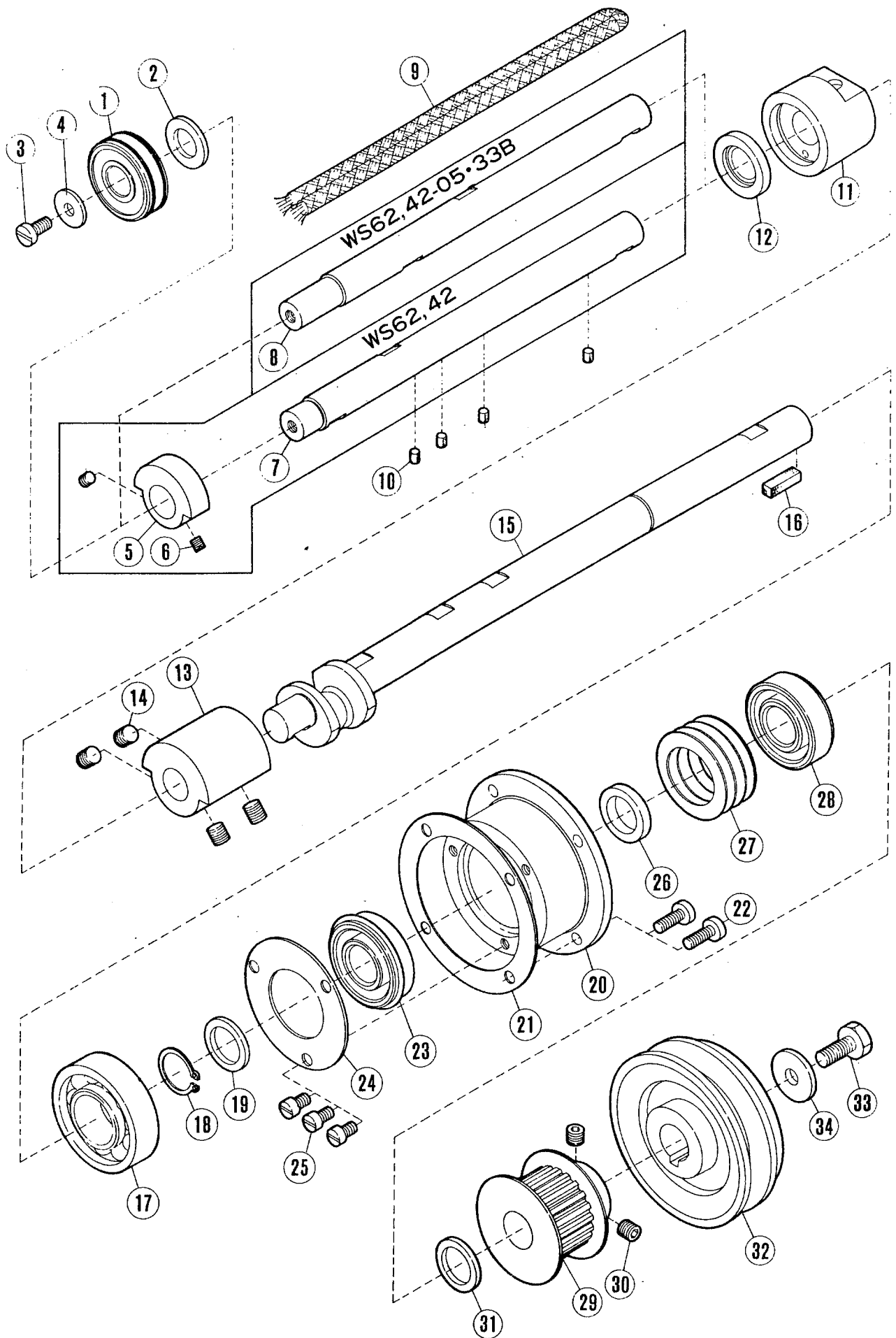
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COVER(3)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206974	SLIDE PLATE	1	
2	206969-FD	FRONT COVER	1	
3	206972	FABRIC GUARD	1	
4	5261	SCREW	2	
5	-----	BINDER	1	
6	201913	CLAMP PLATE	1	
7	5113	SCREW	2	
8	5540	SCREW	1	
9	206973	BRACKET/BINDER	1	
10	206460	WASHER	1	
11	5116	SCREW	2	
12	206970-FD	FRONT COVER AUXILIARY	1	
13	5189	SCREW	2	
14	206439	FRONT COVER PLATE	1	
15	5214	SCREW	2	
16	257	TAPE REEL COMPLETE	1	
17	247	TAPE DISC	1	
18	1457	SCREW	1	
19	270	THRUST WASHER	1	
20	253	POST	1	
21	250	TAPE DISC POST	1	
22	1448	SCREW	1	
23	251	TAPE DISC POST BASE	1	
24	4908	SCREW	3	
25	252	POST	2	
26	225	WASHER	2	
27	226	NUT	2	
28	253	POST	2	
29	254	HOLDER	2	
30	5161	SCREW	4	
31	255	BAR	1	
32	230	SCREW	1	
33	4803	NUT	1	
34	256	HOLDER	1	
35	230	SCREW	1	
36	4803	NUT	1	

COVER(4)

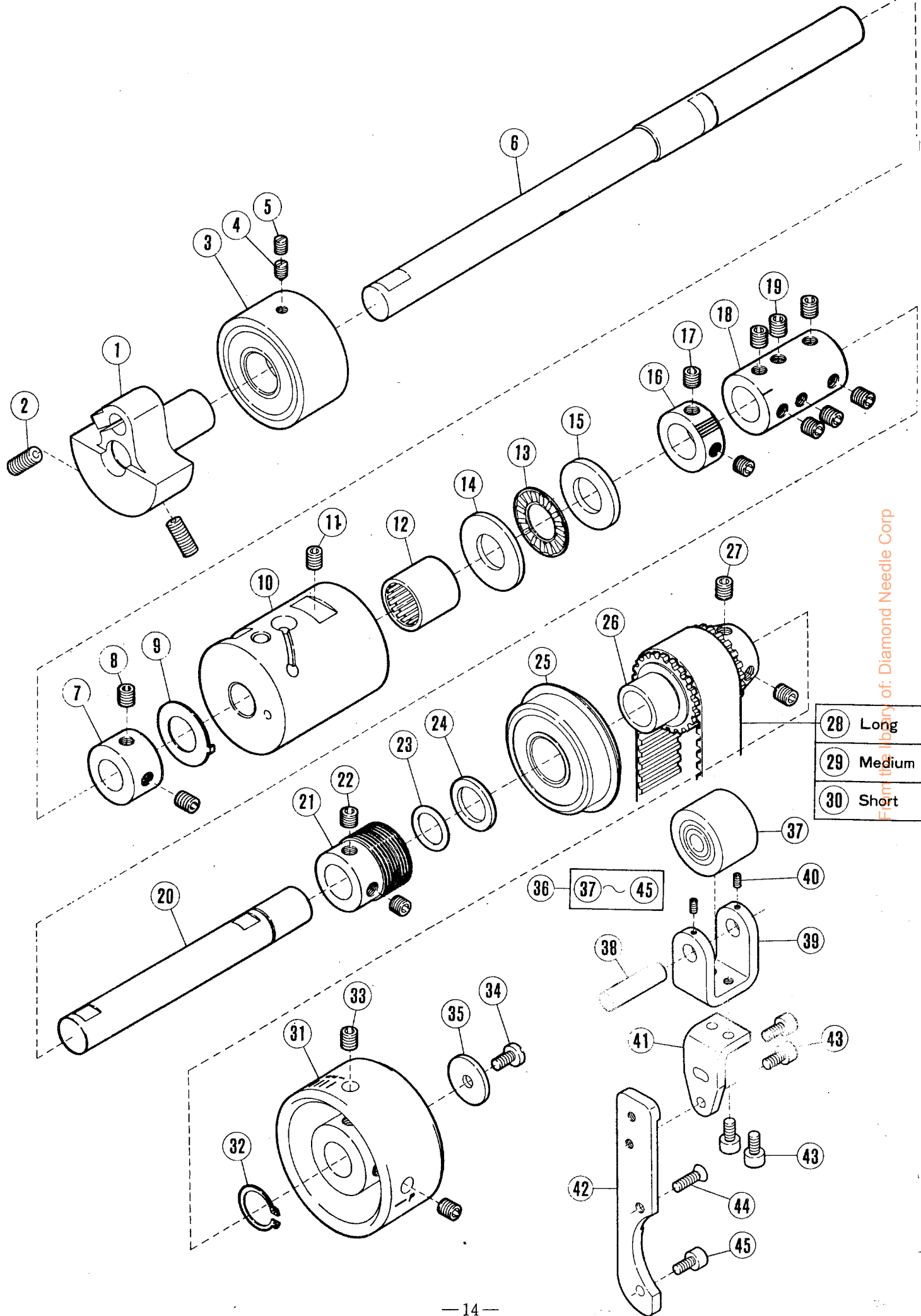
REF. NO.	PART NO.	NAME	QT.	MEMO
1	207026-FD	LEFT COVER	1	
2	207029-FD	HINGE	1	
3	207027-FD	SIDE COVER	1	
4	207028-FD	CLOTH PLATE	1	
5	4009-1	SCREW	2	
6	201185	WASHER	2	
7	5261	SCREW	1	
8	207030	CLOTH GUIDE	1	
9	2905	SCREW	2	
10	207019-FD	FRONT COVER	1	
11	207025	CHIP GUARD	1	
12	5261	SCREW	3	
13	207020-FD	HINGE	1	
14	207022	SPRING	1	
15	207021	PIN	1	
16	207024	LATCH	1	
17	5261	SCREW	2	
18	207023	BRACKET	1	
19	5441	SCREW	1	
20	210044	HOOK SPRING	1	
21	2905	SCREW	1	
22	207173-FD	SIDE COVER	1	
23	207174-FD	CLOTH PLATE	1	
24	207171-FD	FRONT COVER	1	
25	207172-FD	AUX. PLATE	1	
26	2905	SCREW	2	
27	1186	SCREW	2	
28	306711-FD	FRONT COVER	1	
29	306728-FD	AUX. PLATE	1	
30	2905	SCREW	2	
31	207698	CLOTH GUIDE (RIGHT)	1	
32	207699	CLOTH GUIDE (LEFT)	1	
33	1186	SCREW	2	



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CRANKSHAFT MECHANISM

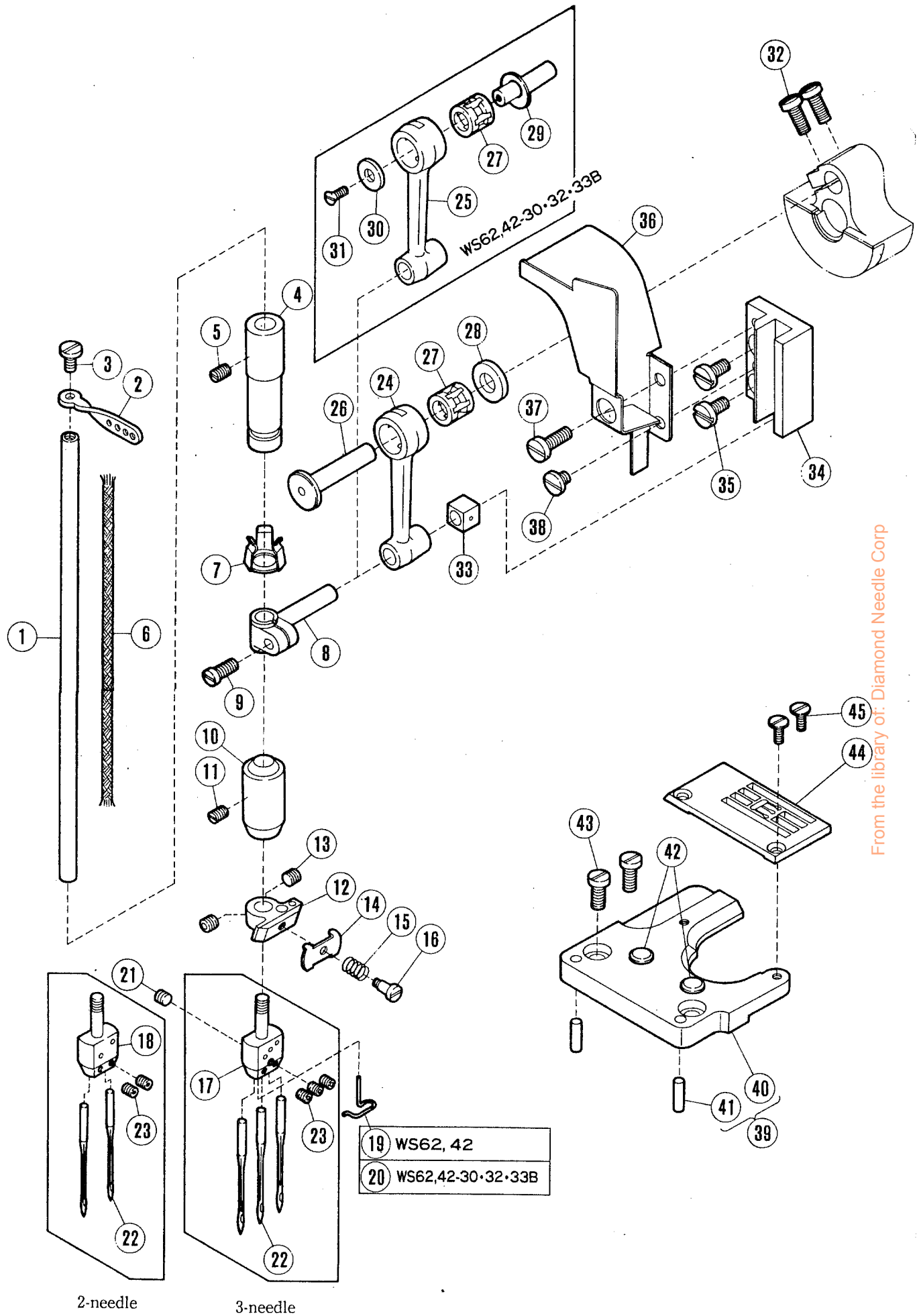
REF. NO.	PART NO.	NAME	QT.	MEMO
1	207665	BALL BEARING	1	
2	206180	THRUST WASHER	1	
3	5116	SCREW	1	
4	137441	WASHER	1	
5	206722	BALANCEWEIGHT	1	
6	1457	SCREW	2	
7	206709	CRANKSHAFT (LEFT)	1	
8	206987	CRANKSHAFT (LEFT)	1	
9	202177	OIL WICK	2	
10	206748	OIL FELT	4	
11	206712	BUSHING	1	
12	206713	OIL SEAL	1	
13	206711	COUPLING	1	
14	5385	SCREW	4	
15	206708	CRANKSHAFT (RIGHT)	1	
16	205617	KEY	1	
17	206714	BALL BEARING	1	
18	206717	RETAINING RING	1	
19	206718	WASHER	1	
20	206715	HOUSING	1	
21	206525	GASKET	1	
22	5118	SCREW	2	
23	206087	BALL BEARING	1	
24	206716	SET PLATE/BALL BEARING	1	
25	5064	SCREW	3	
26	201517	RING	1	
27	206546	SPRING	4	
28	207664	BALL BEARING	1	
29	206719	LOWER BELT GEAR	1	
30	5312	SCREW	2	
31	206718	WASHER	1	
32	206721-ME	PULLEY	1	
33	5238	SCREW	1	
34	201104	WASHER	1	



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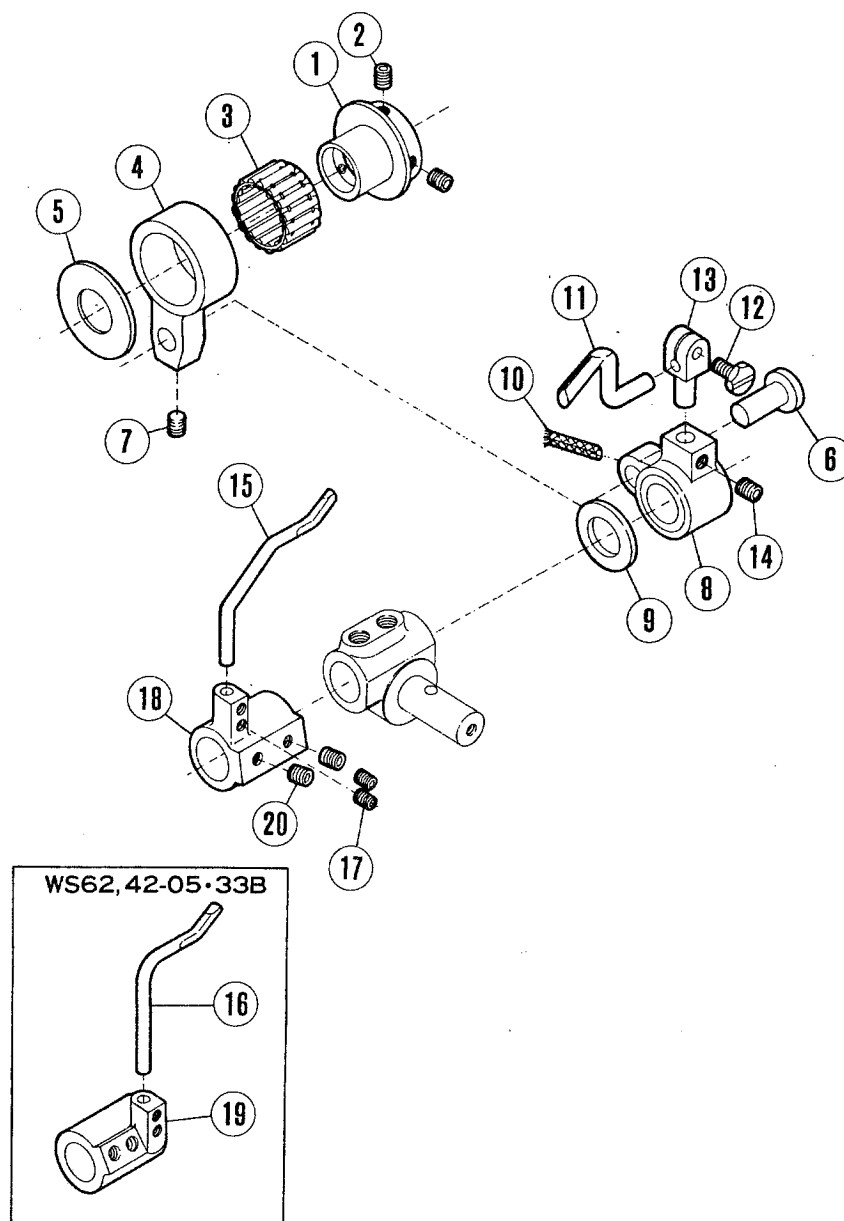
ARM SHAFT MECHANISM/AIDLER

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206547	MOTION	1	
2	5388	SCREW	2	
3	206043	BALL BEARING	1	
4	5058	SCREW	1	
5	2913-2	SCREW	1	
6	206724	ARM SHAFT	1	
7	206047	THRUST COLLAR	1	
8	5312	SCREW	2	
9	206048	WASHER	1	
10	206040	EXHAUST PUMP HOUSING	1	
11	5385	SCREW	1	
12	206041	NEEDLE BEARING	1	
13	206362	THRUST BEARING	1	
14	206363	SPACER (LARGE)	1	
15	206364	SPACER (SMALL)	1	
16	206137	TIMING COLLAR	1	
17	5312	SCREW	2	
18	206857	COUPLING	1	
19	5385	SCREW	6	
20	206723	ARM SHAFT EXTENSION	1	
21	206858	OIL SEAL	1	
22	5312	SCREW	2	
23	206837	PACKING	1	
24	206718	WASHER	1	
25	206037	BALL BEARING (RIGHT)	1	
26	206725	UPPER GEAR/TIMING BELT	1	
27	5385	SCREW	2	
28	206827B	TIMING BELT	1	
29	206827C	TIMING BELT	1	
30	206827D	TIMING BELT	1	
31	207641-FD	HAND WHEEL	1	
32	206717	RETAINING RING	1	
33	5050	SCREW	2	
34	5117	SCREW	1	
35	137142	WASHER	1	
36	207669	IDLER	1	
37	207671	ROLLER	1	
38	207674	SHAFT	1	
39	207675	BRACKET	1	
40	5427	SCREW	2	
41	207670	BRACKET	1	
42	207676	BRACKET	1	
43	5579	SCREW	4	
44	5230	SCREW	1	
45	5152	SCREW	1	



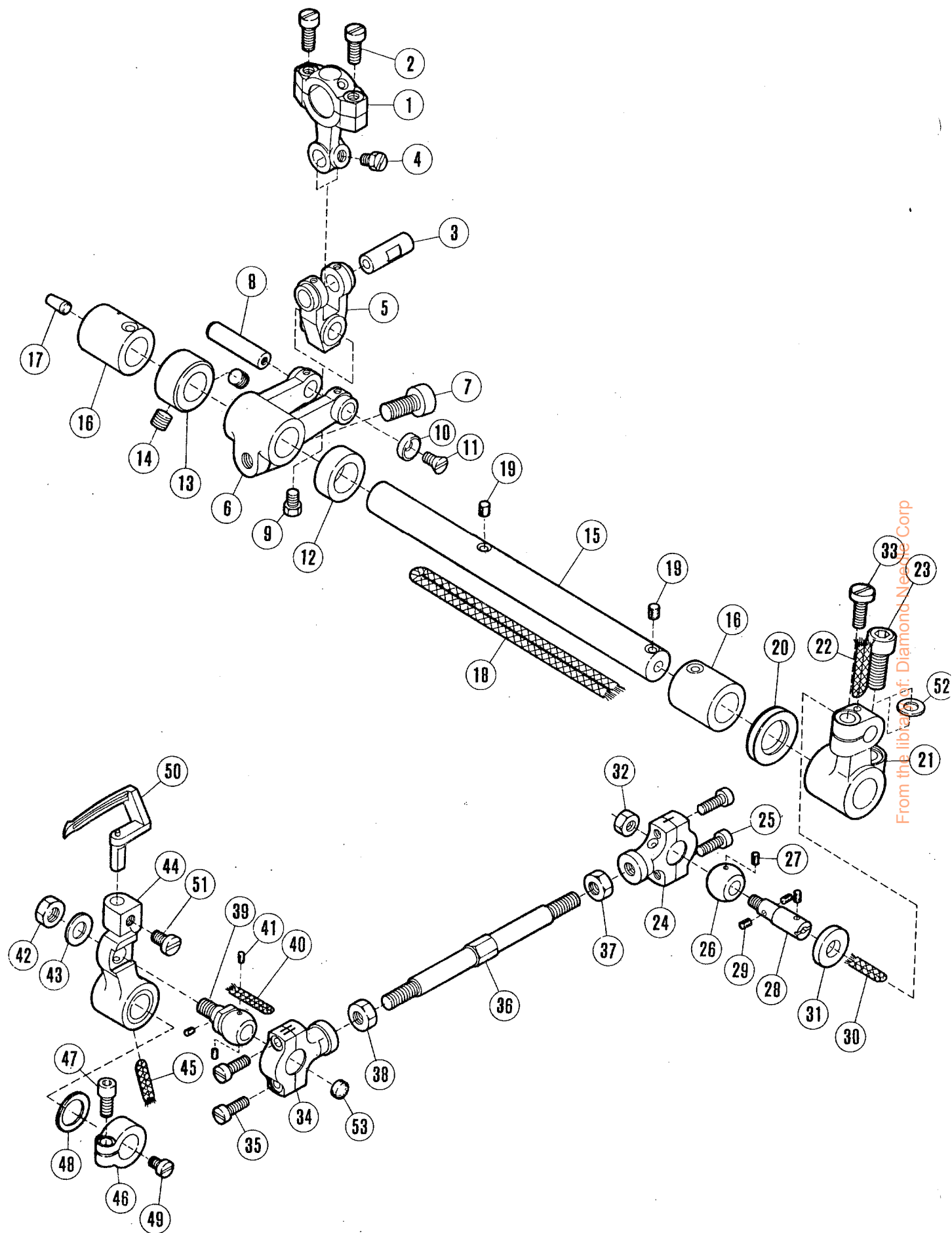
NEEDLE DRIVE MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
1	207079	NEEDLE BAR	1	
2	206057	THREAD EYELET	1	
3	52168	SCREW	1	
4	206059A	BUSHING	1	
5	1458	SCREW	1	
6	202176	OIL WICK	1	
7	206524	OIL WICK RETAINER	1	
8	206061	NEEDLE BAR CLAMP	1	
9	5325	SCREW	1	
10	206940	BUSHING	1	
11	1458	SCREW	1	
12	206058	BRACKET	1	
13	5292	SCREW	2	
14	192070	NEEDLE THREAD RETAINER	1	
15	200205	SPRING	1	
16	9070-2	SCREW	1	
17	XXXXXX	NEEDLE HOLDER	1	
18	XXXXXX	NEEDLE HOLDER	1	
19	201538	THREAD GUIDE WIRE	1	
20	206650	THREAD GUIDE	1	
21	5292	SCREW	1	
22	UY128GAS	NEEDLE	3	
23	5292	SCREW	3	
24	206727	LINK/NEEDLE BAR DRIVE	1	
25	207460	LINK/NEEDLE BAR	1	
26	206053	PIN	1	
27	206054	NEEDLE BEARING	1	
28	206055	WASHER	1	
29	206648	PIN	1	
30	205097	WASHER	1	
31	5317	SCREW	1	
32	5186	SCREW	2	
33	206063	GUIDE BLOCK	1	
34	206792	GUIDE PLATE/NEEDLE BAR	1	
35	5116	SCREW	2	
36	206728	OIL SHIELD	1	
37	2903	SCREW	1	
38	2905	SCREW	1	
39	206729	NEEDLE PLATE BRACKET COMPLETE	1	
40	206730	NEEDLE PLATE BRACKET	1	
41	206067	PIN	2	
42	210025	CUSHION RUBBER	2	
43	5186	SCREW	2	
44	XXXXXX	NEEDLE PLATE	1	
45	5373-HC	SCREW	2	



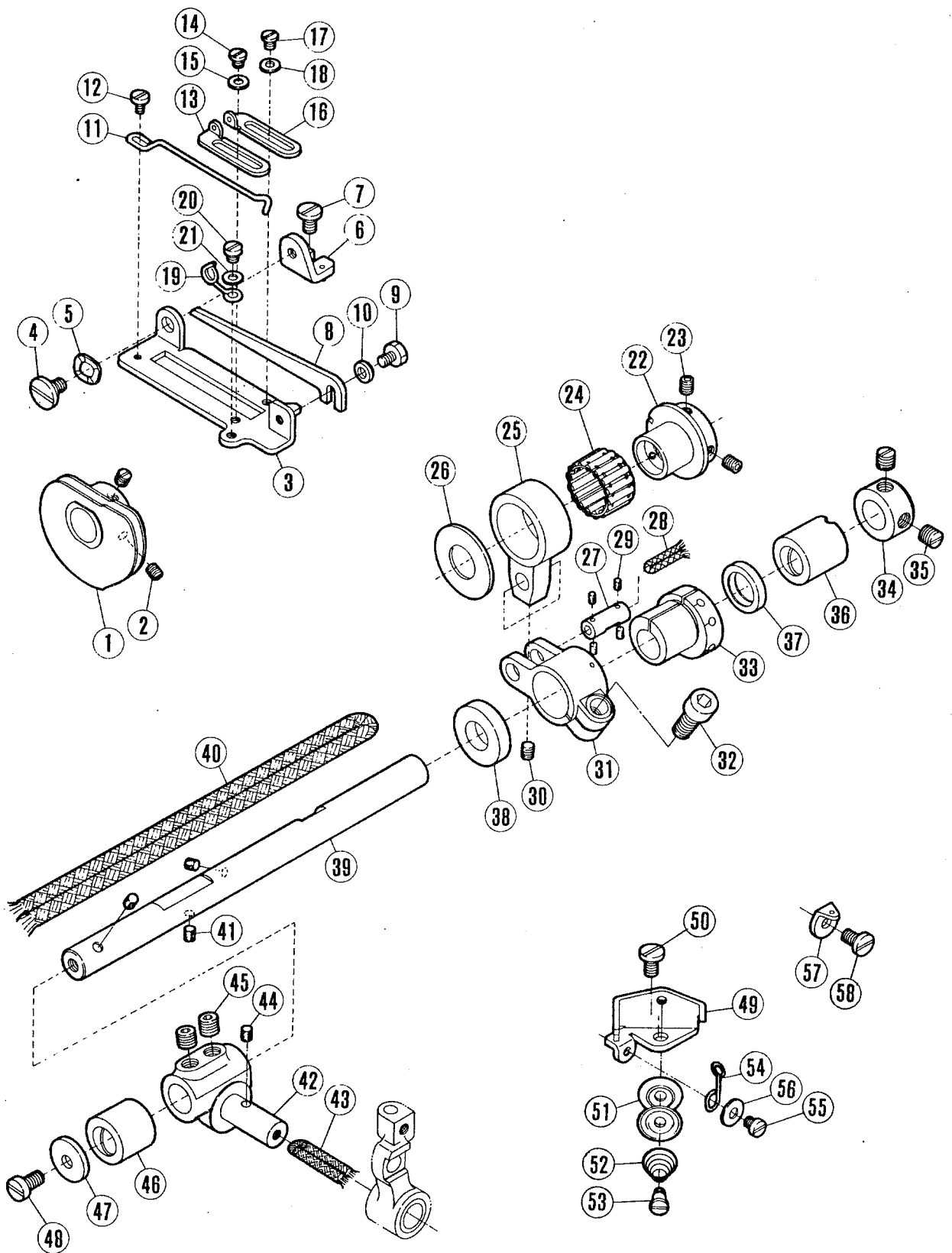
NEEDLE GUARD MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206731	ECCENTRIC/NEEDLE GUARD DRIVE	1	
2	5461	SCREW	2	
3	206733	NEEDLE BEARING	1	
4	206732	CONNECTION/NEEDLE GUARD DRIVE	1	
5	206734	SPACER	1	
6	206735	PIN	1	
7	5461	SCREW	1	
8	206736	CRANK/NEEDLE GUARD DRIVE	1	
9	206180	THRUST WASHER	1	
10	202174	OIL WICK	1	
11	206739	NEEDLE GUARD	1	
12	5088	SCREW	1	
13	206740	NEEDLE GUARD BRACKET	1	
14	5461	SCREW	1	
15	206741	NEEDLE THREAD RETAINER	1	
16	207039	NEEDLE THREAD RETAINER	1	
17	5408	SCREW	2	
18	206742	BRACKET	1	
19	207040	BRACKET	1	
20	5461	SCREW	2	



LOOPER MECHANISM(1)

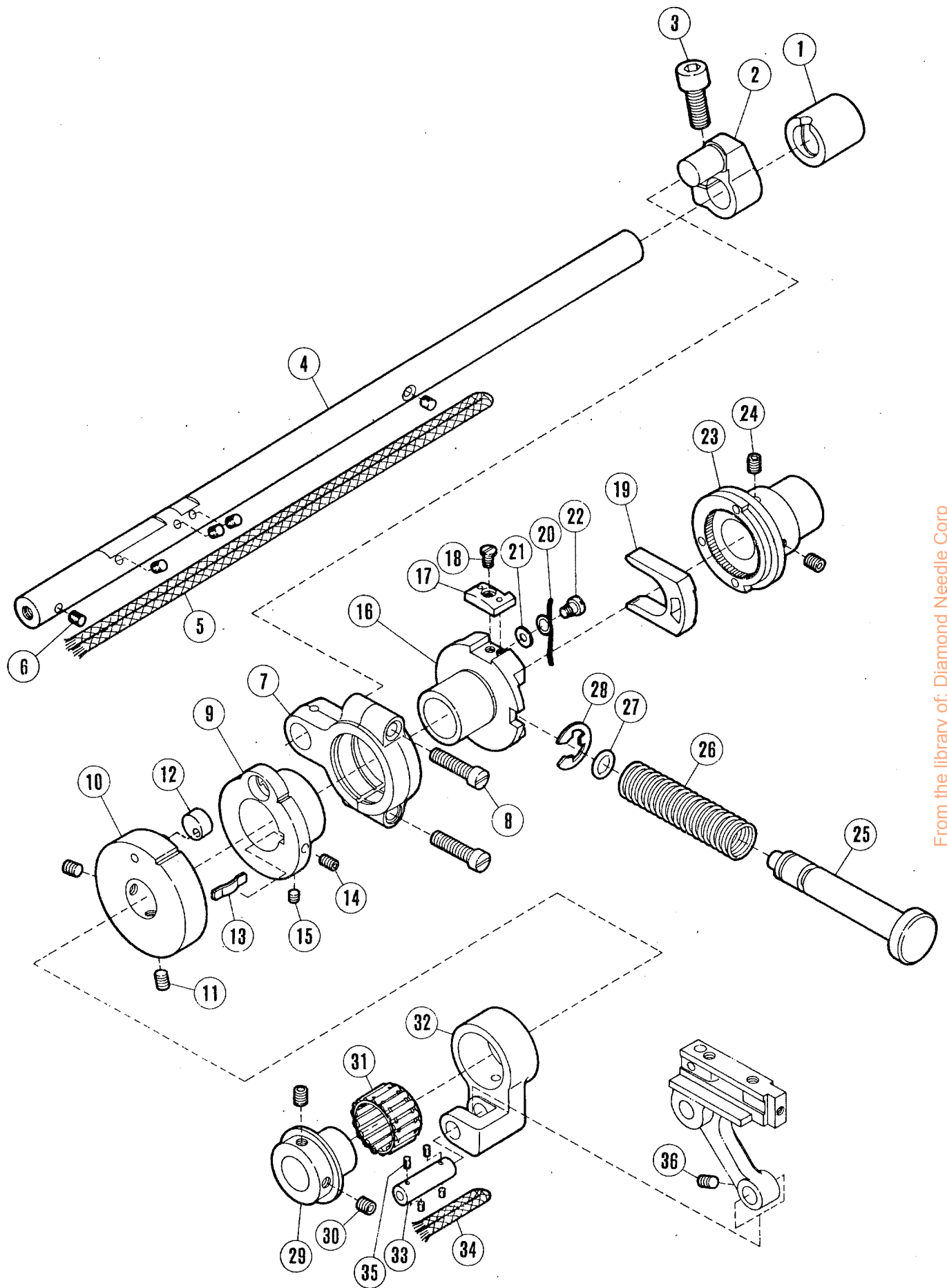
REF. NO.	PART NO.	NAME	QT.	MEMO
1	207170	CONNECTION/LOOPER DRIVE	1	
2	5002	SCREW	2	
3	205495	PIN	1	
4	5084	SCREW	1	
5	206744	LINK/LOOPER DRIVE	1	
6	206745	REAR CRANK/LOOPER DRIVE	1	
7	5457	SCREW	1	
8	202712A	PIN	1	
9	5084	SCREW	1	
10	202757A	WASHER	1	
11	5373	SCREW	1	
12	210098	WASHER	1	
13	201635	COLLAR	1	
14	5060	SCREW	2	
15	206746	SHAFT/LOOPER DRIVE	1	
16	206743	BUSHING	2	
17	202903	PLUG	1	
18	202177	OIL WICK	1	
19	206748	OIL FELT	2	
20	210103	OIL SEAL	1	
21	206750	FRONT CRANK/LOOPER DRIVE	1	
22	202175	OIL WICK	1	
23	5457	SCREW	1	
24	201575	CONNECTION	1	
25	1170-1	SCREW	2	
26	206752	RIGHT BALL	1	
27	207358	OIL FELT	2	
28	206753	PIN	1	
29	207925	OIL FELT	2	
30	202174	OIL WICK	1	
31	201578	WASHER	1	
32	5137	NUT	1	
33	5118	SCREW	1	
34	201579	CONNECTION	1	
35	1170-1	SCREW	2	
36	206757	CONNECT BAR	1	
37	28-1	NUT	1	
38	89-1	NUT	1	
39	206755	LEFT BALL STUD/LOOPER DRIVE	1	
40	202174	OIL WICK	1	
41	207358	OIL FELT	3	
42	3144	NUT	1	
43	202433	WASHER	1	
44	206770	LOOPER HOLDER	1	
45	202174	OIL WICK	1	
46	207765	COLLAR	1	
47	5601	SCREW	1	
48	202922	WASHER	1	
49	2906	SCREW	1	
50	206097A	LOOPER	1	
51	5064	SCREW	1	
52	207924	WASHER	1	
53	207922	PLUG	1	



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LOOPER MECHANISM(2)

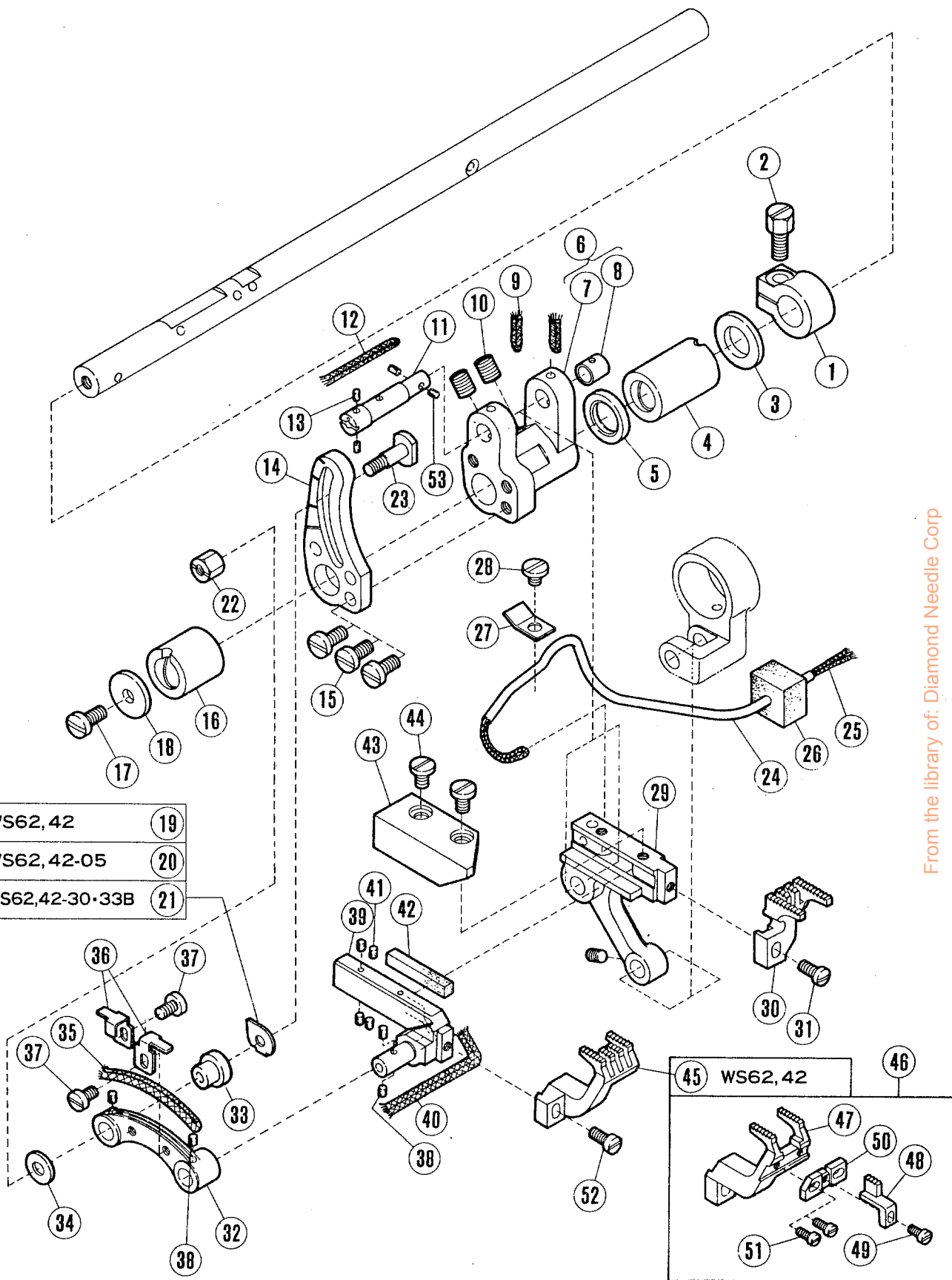
REF. NO.	PART NO.	NAME	QT.	MEMO
1	206774	LOOPER THREAD TAKEUP	1	
2	1457	SCREW	2	
3	206778	BRACKET/LOOPER THREAD TAKEUP	1	
4	5494	SCREW	1	
5	210307	WASHER	1	
6	206779	HINGE COMPLETE	1	
7	5117	SCREW	1	
8	206782	GUIDE	1	
9	5364	SCREW	1	
10	167061	WASHER	1	
11	206785	THREAD GUIDE	1	
12	5141	SCREW	1	
13	206784	THREAD GUIDE	1	
14	1186	SCREW	1	
15	202875	WASHER	1	
16	206783	THREAD GUIDE	1	
17	1186	SCREW	1	
18	202875	WASHER	1	
19	206856	THREAD GUIDE	1	
20	1234	SCREW	1	
21	200821	WASHER	1	
22	206758	ECCENTRIC/LOOPER AVOID	1	
23	5461	SCREW	2	
24	206733	NEEDLE BEARING	1	
25	206759	CONNECTION/LOOPER AVOID	1	
26	206734	SPACER	1	
27	206761	PIN	1	
28	202175	OIL WICK	1	
29	207925	OIL FELT	4	
30	5461	SCREW	1	
31	206760	CRANK/LOOPER AVOID	1	
32	5457	SCREW	1	
33	206762	ECCENTRIC	1	
34	201635	COLLAR	1	
35	5060	SCREW	2	
36	206749	BUSHING	1	
37	202911	OIL SEAL	1	
38	206763	SPACER	1	
39	206766	SHAFT/LOOPER AVOID	1	
40	202177	OIL WICK	1	
41	206748	OIL FELT	3	
42	206764	BASE/LOOPER HOLDER	1	
43	202175	OIL WICK	1	
44	206748	OIL FELT	1	
45	5312	SCREW	2	
46	206767	BUSHING	1	
47	206768	WASHER	1	
48	5116	SCREW	1	
49	206855	BRACKET	1	
50	5091	SCREW	1	
51	137108	TENSION DISC	2	
52	137109	TENSION SPRING	1	
53	1092	SCREW	1	
54	210306	SPRING	1	
55	1234	SCREW	1	
56	137906	WASHER	1	
57	167079	EYELET	2	
58	4009-1	SCREW	2	



FEED MECHANISM(1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206749	BUSHING	1	
2	206798	CRANK/FEED DRIVE	1	
3	5457	SCREW	1	
4	206799	SHAFT/FEED DRIVE	1	
5	202176	OIL WICK	1	
6	206748	OIL FELT	5	
7	206797	CONNECTION/FEED DRIVE	1	
8	5233	SCREW	2	
9	207451	FEED ECCENTRIC	1	
10	207452	ECCENTRIC BASE	1	
11	5461	SCREW	2	
12	210129	GUIDE/FEED ECCENTRIC	1	
13	210130	SPRING	1	
14	5427	SCREW	1	
15	5292	SCREW	1	
16	207454	FEED REGULATING ECCENTRIC	1	
17	207457	STOPPER	1	
18	5437	SCREW	1	
19	206791	RATCHET	1	
20	210133	SPRING	1	
21	202875	WASHER	1	
22	5478	SCREW	1	
23	207458	RATCHET WHEEL COMPLETE	1	
24	5461	SCREW	2	
25	206796	PUSH BUTTON	1	
26	210139	SPRING	1	
27	204185	O RING	1	
28	202577	STOP RING	1	
29	206731	ECCENTRIC	1	
30	5461	SCREW	2	
31	206733	NEEDLE BEARING	1	
32	206815	CONNECTION/FEED LIFT	1	
33	206816	PIN	1	
34	202175	OIL WICK	1	
35	207925	OIL FELT	4	
36	5461	SCREW	1	

WS62,42	19
WS62,42-05	20
WS62,42-30-33B	21

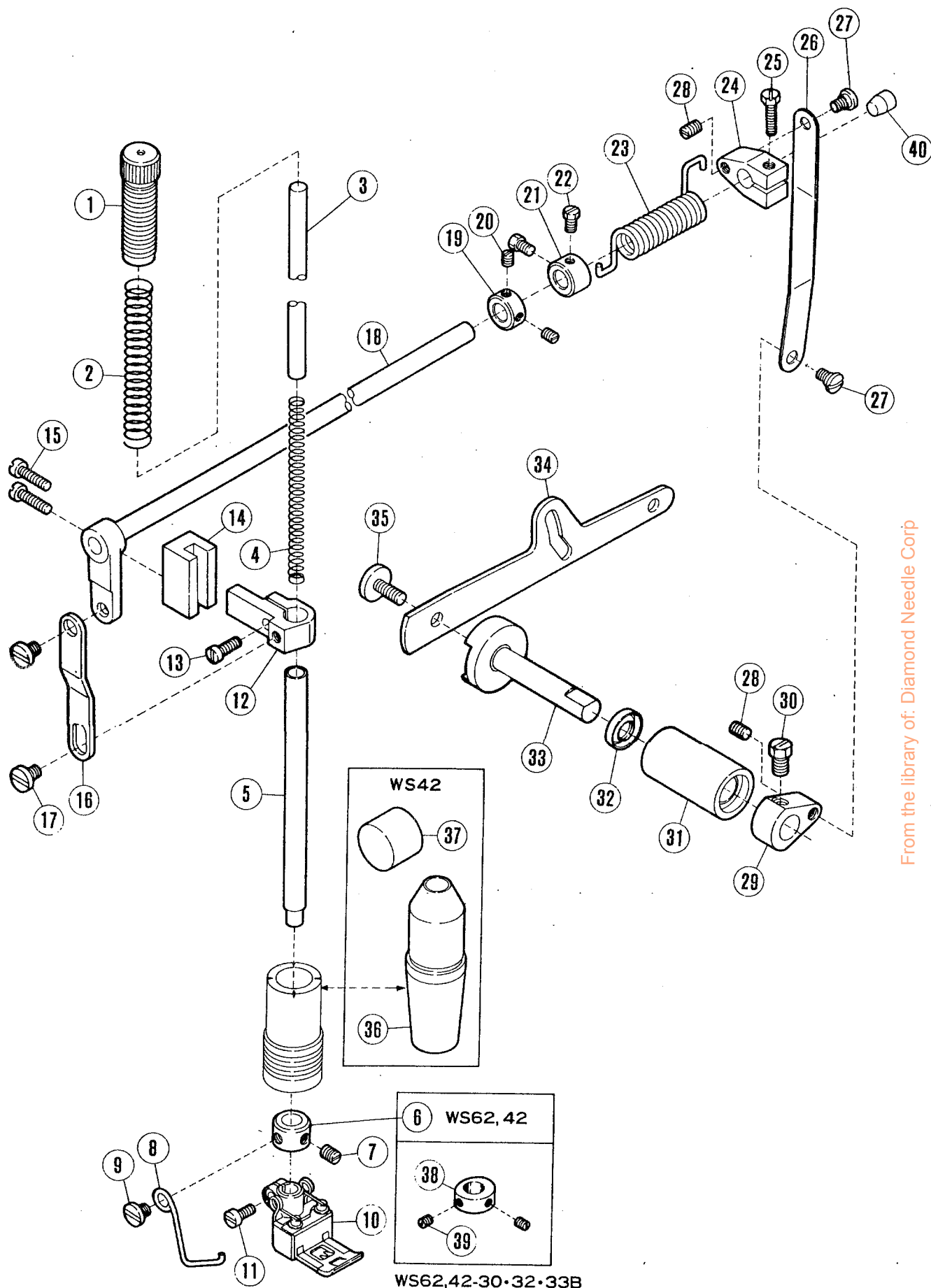


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WS62,42-03C,D

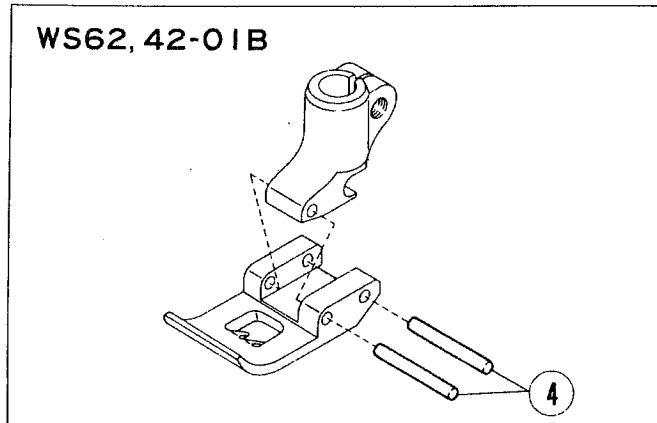
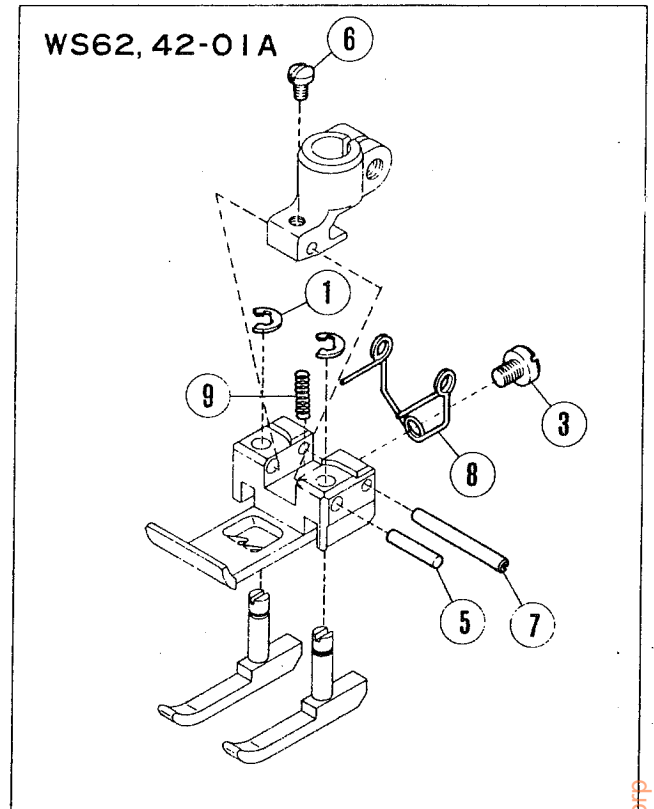
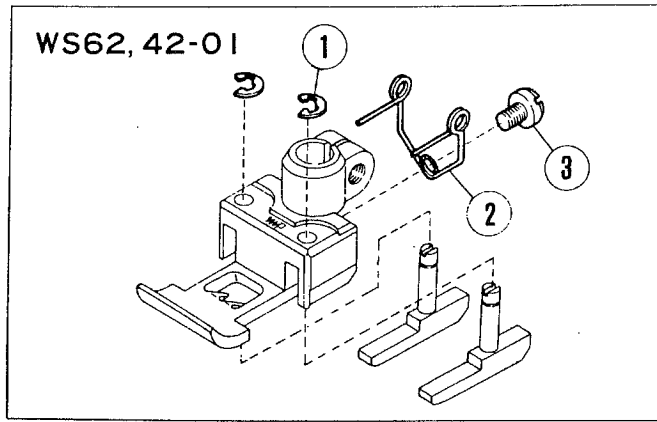
FEED MECHANISM(2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206181	THRUST COLLAR	1	
2	5001	SCREW	1	
3	206180	THRUST WASHER	1	
4	206825	BUSHING	1	
5	202911	OIL SEAL	1	
6	207336	FEED BASE ASSEMBLY	1	
7	207337	FEED BASE	1	
8	207338	BUSHING	1	
9	202175	OIL WICK	2	
10	5050	SCREW	2	
11	207339	ECCENTRIC PIN	1	
12	202174	OIL WICK	1	
13	207358	OIL FELT	2	
14	206810	LEVER/DIFF. FEED REGULATING	1	
15	5116	SCREW	3	
16	206749	BUSHING	1	
17	5116	SCREW	1	
18	206768	WASHER	1	
19	206811	INDICATOR	1	
20	207085	INDICATOR	1	
21	307033	INDICATOR	1	
22	5111	NUT	1	
23	201654	STUD	1	
24	207666	OIL PIPE	1	
25	202174	OIL WICK	1	
26	206253	SPONGE	1	
27	207667	LATCH	1	
28	2905	SCREW	1	
29	206805	MAIN FEED BAR	1	
30	XXXXXX	MAIN FEED DOG	1	
31	1175-2	SCREW	1	
32	206812	LINK/DIFF. FEED	1	
33	201655	BUSHING	1	
34	204115	THRUST WASHER	1	
35	202175	OIL WICK	1	
36	206814	LATCH	2	
37	1206	SCREW	2	
38	207925	OIL FELT	4	
39	206807	DIFF. FEED BAR	1	
40	202175	OIL WICK	1	
41	207358	OIL FELT	4	
42	202473	OIL FELT	1	
43	206808	GUIDE	1	
44	5091	SCREW	2	
45	XXXXXX	DIFF. FEED DOG	1	
46	XXXXXX	DIFF. FEED DOG	1	
47	XXXXXX	DIFF. FEED DOG	1	
48	XXXXXX	AUX. FEED DOG	1	
49	2922	SCREW	1	
50	207696	SLIDER	1	
51	5336	SCREW	2	
52	1175-2	SCREW	1	
53	207925	OIL FELT	2	



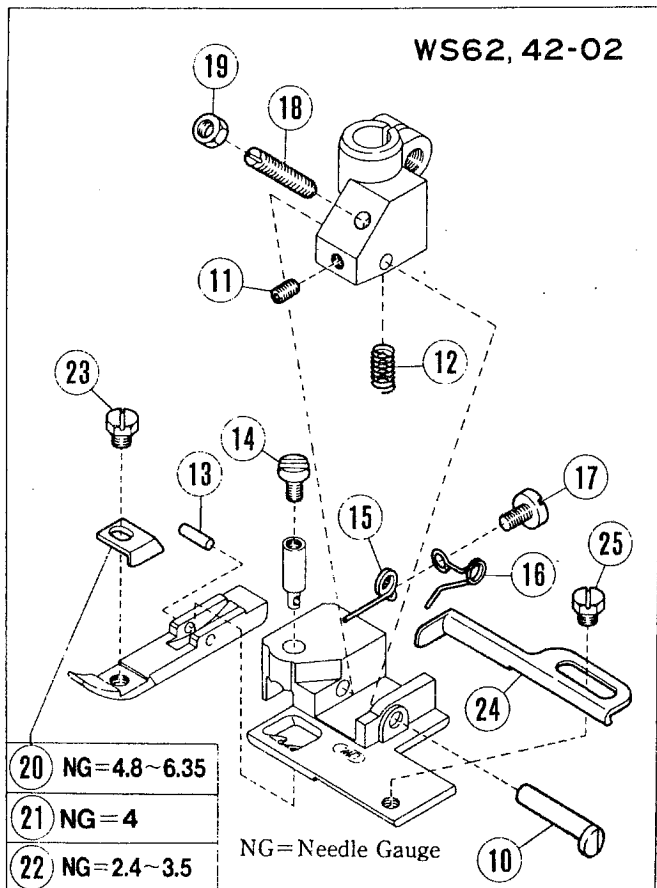
PRESSER FOOT MECHANISM(1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206144	THUMB SCREW	1	
2	207124	SPRING	1	
3	207125	POST	1	
4	206141	SPRING	1	
5	206138	PRESSER BAR	1	
6	201029	COLLAR	1	
7	1457	SCREW	1	
8	207175	FINGER GUARD	1	
9	2905	SCREW	1	
10	XXXXXX	PRESSER FOOT COMPLETE	1	
11	1170-3	SCREW	1	
12	206139	PRESSER BAR CLAMP	1	
13	5118	SCREW	1	
14	206140	GUIDE BLOCK	1	
15	2213-1	SCREW	2	
16	206157	LINK	1	
17	5386	SCREW	2	
18	207082	FOOT LIFT LEVER SHAFT	1	
19	201665	COLLAR	1	
20	1457	SCREW	2	
21	206156	COLLAR	1	
22	5084	SCREW	2	
23	206155	SPRING	1	
24	206149	BELL CRANK	1	
25	5504	SCREW	1	
26	206150	BELL CRANK LINK	1	
27	5184	SCREW	2	
28	1458	SCREW	2	
29	206148	BELL CRANK	1	
30	2022-4	SCREW	1	
31	206591	BUSHING	1	
32	204052A	OIL SEAL	1	
33	206146	FOOT LIFT LEVER SHANK	1	
34	206145	FOOT LIFT LEVER	1	
35	2948	SCREW	1	
36	206395	BUSHING	1	
37	206527	PLUG	1	
38	206652	COLLAR	1	
39	5146	SCREW	2	
40	207081	PLUG	1	

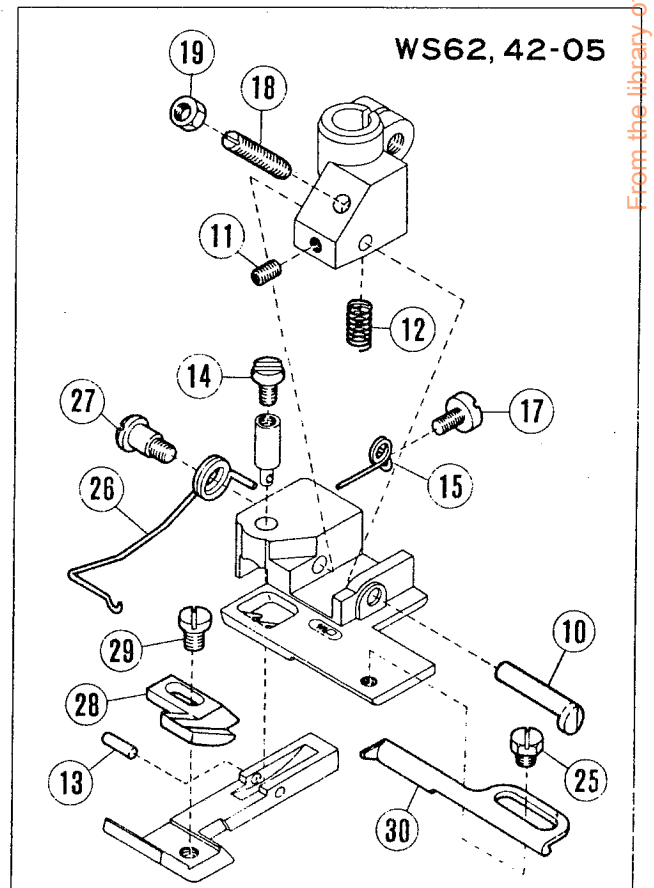


See pages 94~104

See page 110

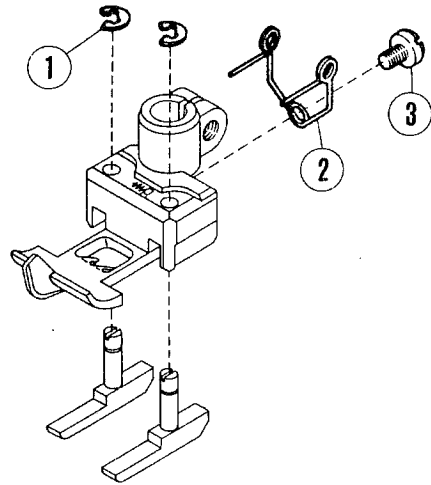


See page 113

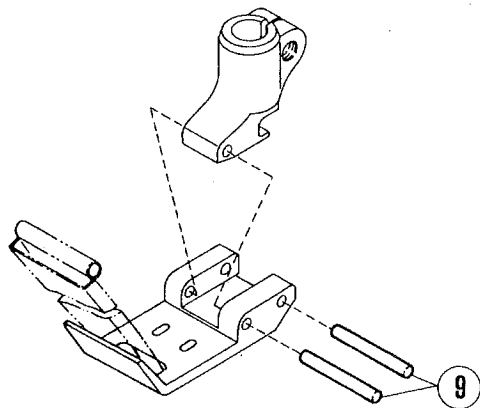


PRESSER FOOT MECHANISM(2)

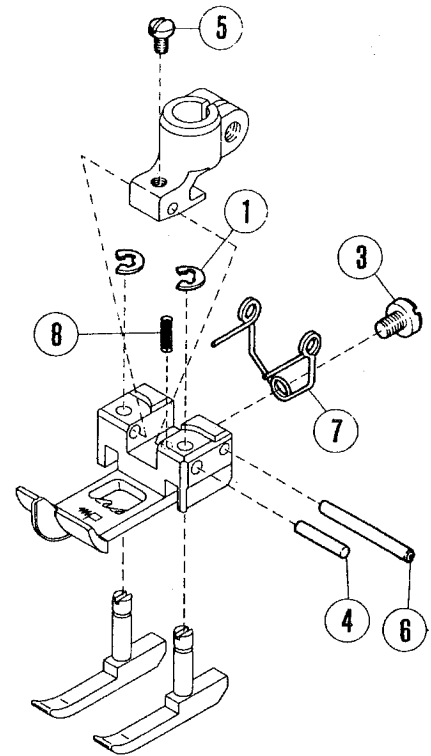
REF. NO.	PART NO.	NAME	QT.	MEMO
1	306142	RING	2	
2	206680	SPRING	1	
3	2921	SCREW	1	
4	207324	PIN	2	
5	207515	PIN	1	
6	1231	SCREW	1	
7	207516	PIN	1	
8	207517	SPRING	1	
9	207544	SPRING	1	
10	206934	PIN	1	
11	5408	SCREW	1	
12	207169	SPRING	1	
13	201906	PIN	1	
14	5544	SCREW	1	
15	201907	SPRING	1	
16	207643	SPRING	1	
17	5141	SCREW	1	
18	5466	SCREW	1	
19	5409	NUT	1	
20	207164	GUIDE	1	
21	207165	GUIDE	1	
22	207166	GUIDE	1	
23	5465	SCREW	1	
24	207167	TAPE GUIDE	1	
25	5465	SCREW	1	
26	207262	SPRING	1	
27	5291	SCREW	1	
28	207042	FABRIC GUARD	1	
29	5346	SCREW	1	
30	306410	CLOTH GUIDE	1	



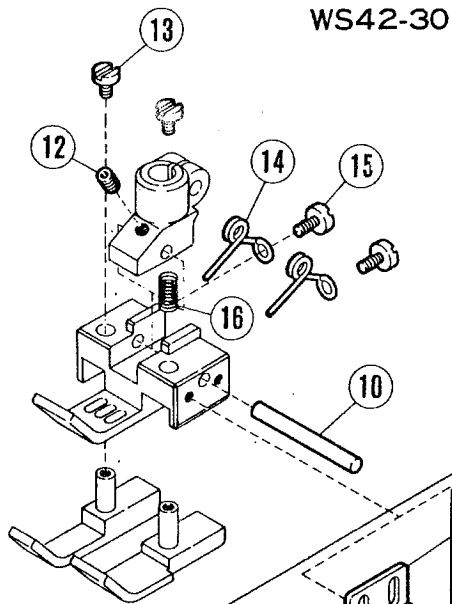
WS62,42-03



WS42-04



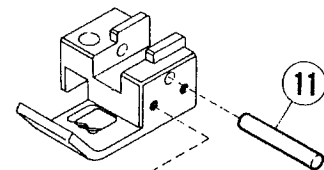
WS62,42-03A~D



WS42-30

WS62-30

(13)
(14) } × 1
(15)



(17) Wide
(18) Narrow

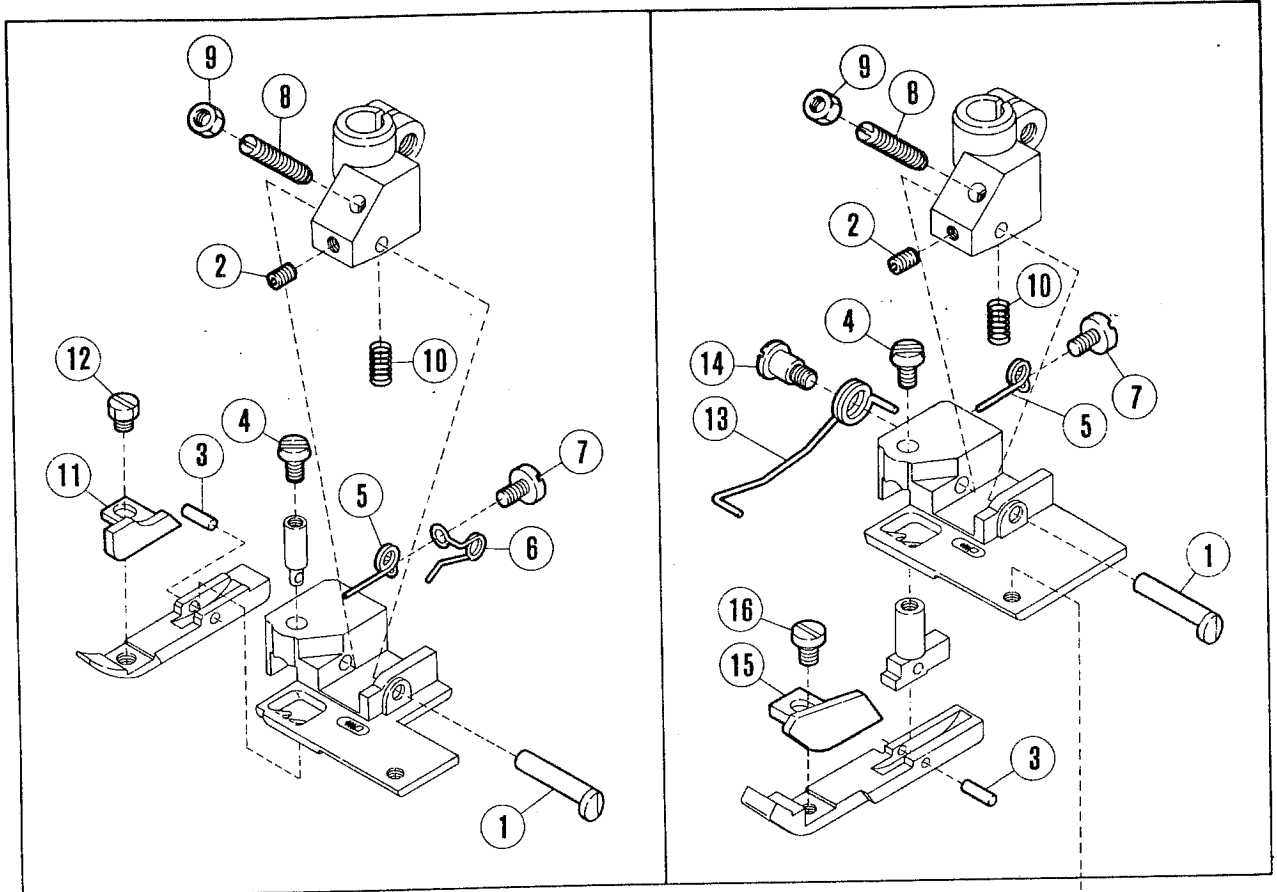


PRESSER FOOT MECHANISM(3)

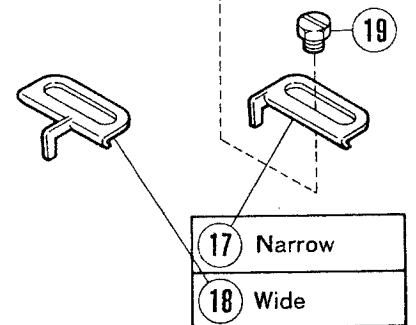
REF. NO.	PART NO.	NAME	QT.	MEMO
1	306142	RING	2	
2	206680	SPRING	1	
3	2921	SCREW	1	
4	207515	PIN	1	
5	1231	SCREW	1	
6	207516	PIN	1	
7	207517	SPRING	1	
8	207544	SPRING	1	
9	207324	PIN	2	
10	306920	PIN	2	
11	307052	PIN	2	
12	5408	SCREW	1	
13	5544	SCREW	2	
14	201907	SPRING	2	
15	5141	SCREW	2	
16	207169	SPRING	1	
17	307041	FABRIC GUIDE	1	
18	307053	FABRIC GUIDE	1	
19	1333	SCREW	2	

WS62,42-32

WS62,42-33B



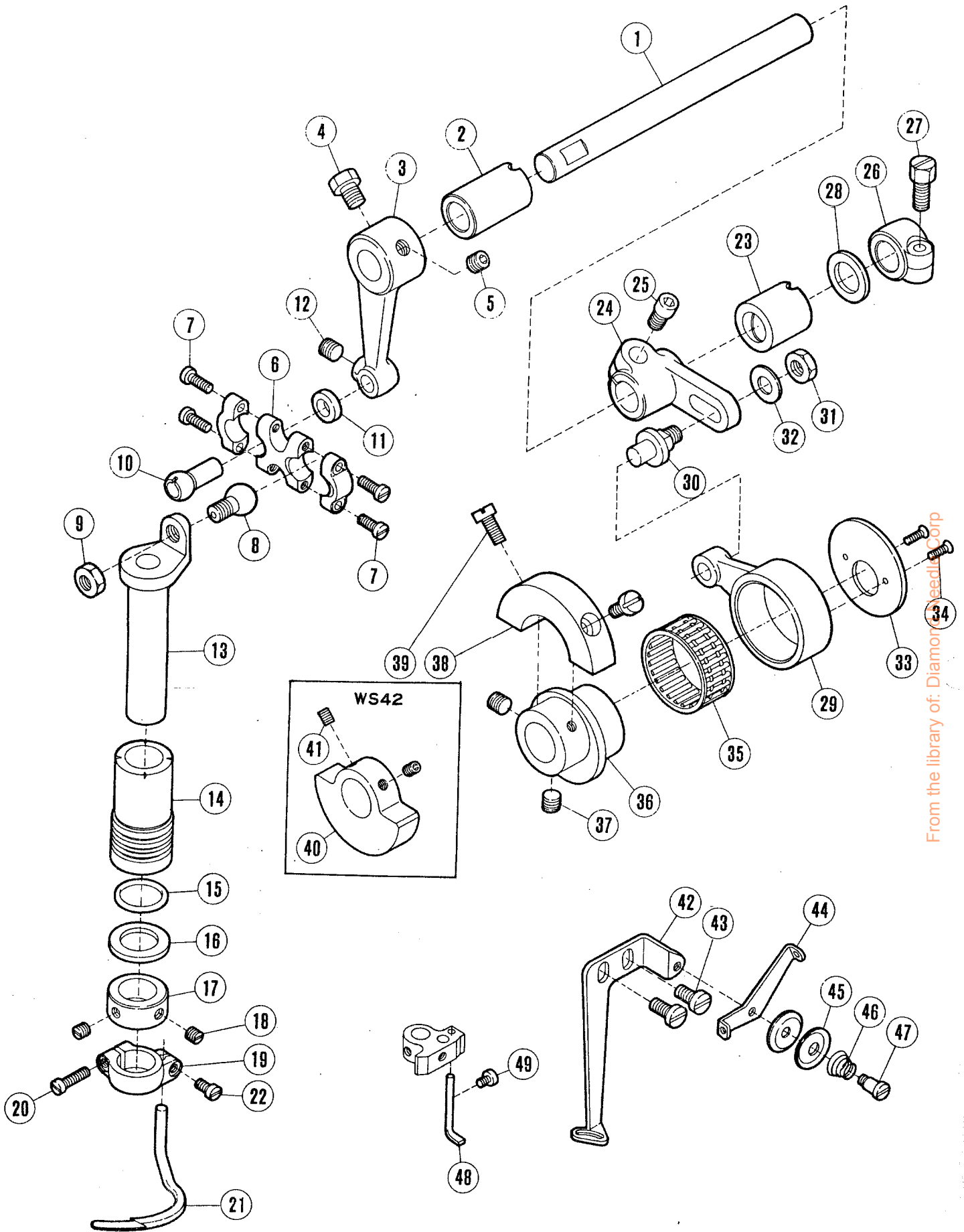
See page 107



From the library of: Diamond Needle Corp

PRESSER FOOT MECHANISM(4)

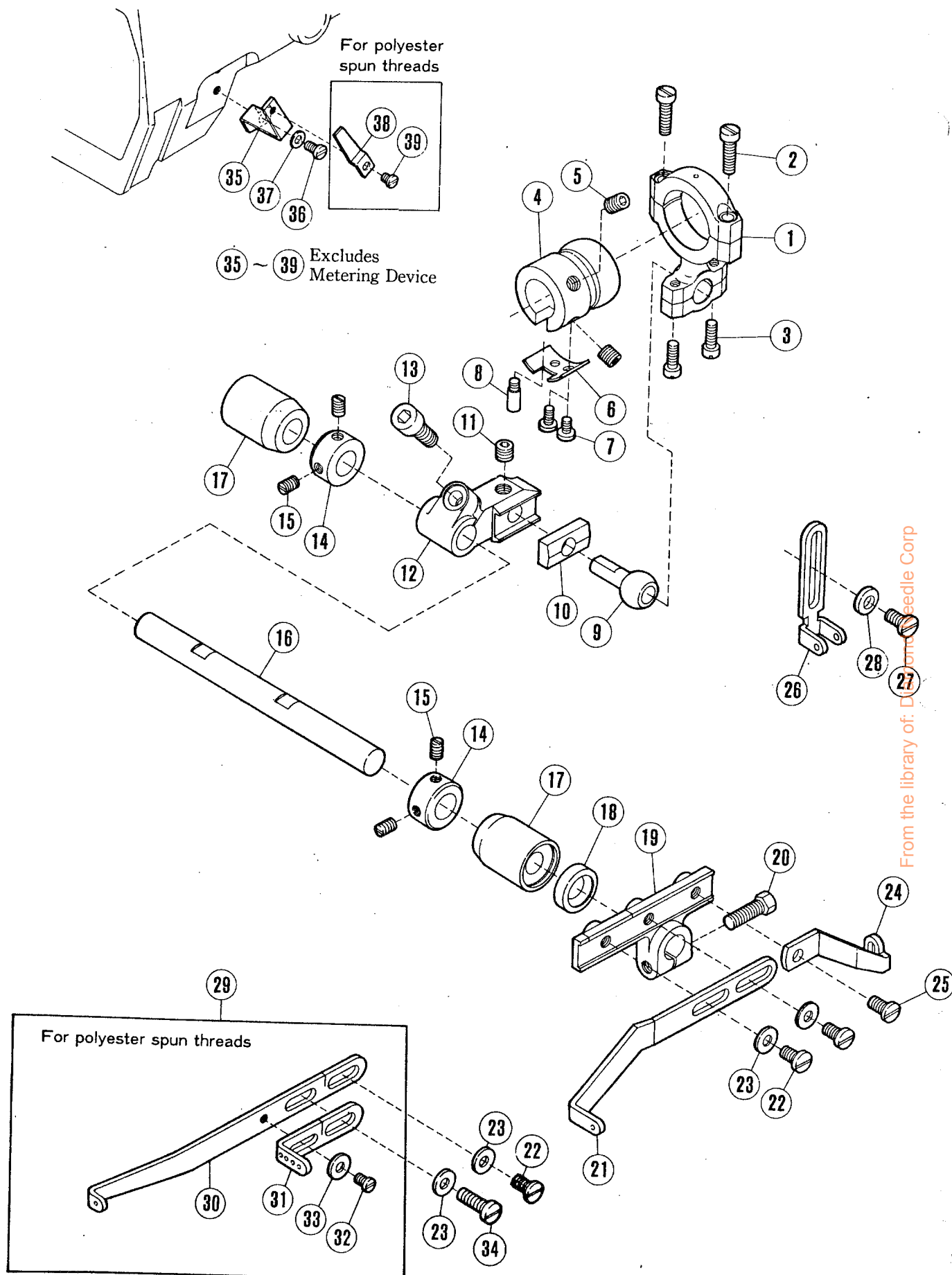
REF. NO.	PART NO.	NAME	QT.	MEMO
1	206934	PIN	1	
2	5408	SCREW	1	
3	201906	PIN	1	
4	5544	SCREW	1	
5	201907	SPRING	1	
6	207643	SPRING	1	
7	5141	SCREW	1	
8	5466	SCREW	1	
9	5409	NUT	1	
10	207169	SPRING	1	
11	306939	FABRIC GUIDE	1	
12	5465	SCREW	1	
13	307016	SPRING	1	
14	5291	SCREW	1	
15	307017	GUIDE	1	
16	5346	SCREW	1	
17	307018	ELASTIC GUIDE	1	
18	307019	ELASTIC GUIDE	1	
19	5465	SCREW	1	



From the library of: Diamond Seeding Corp

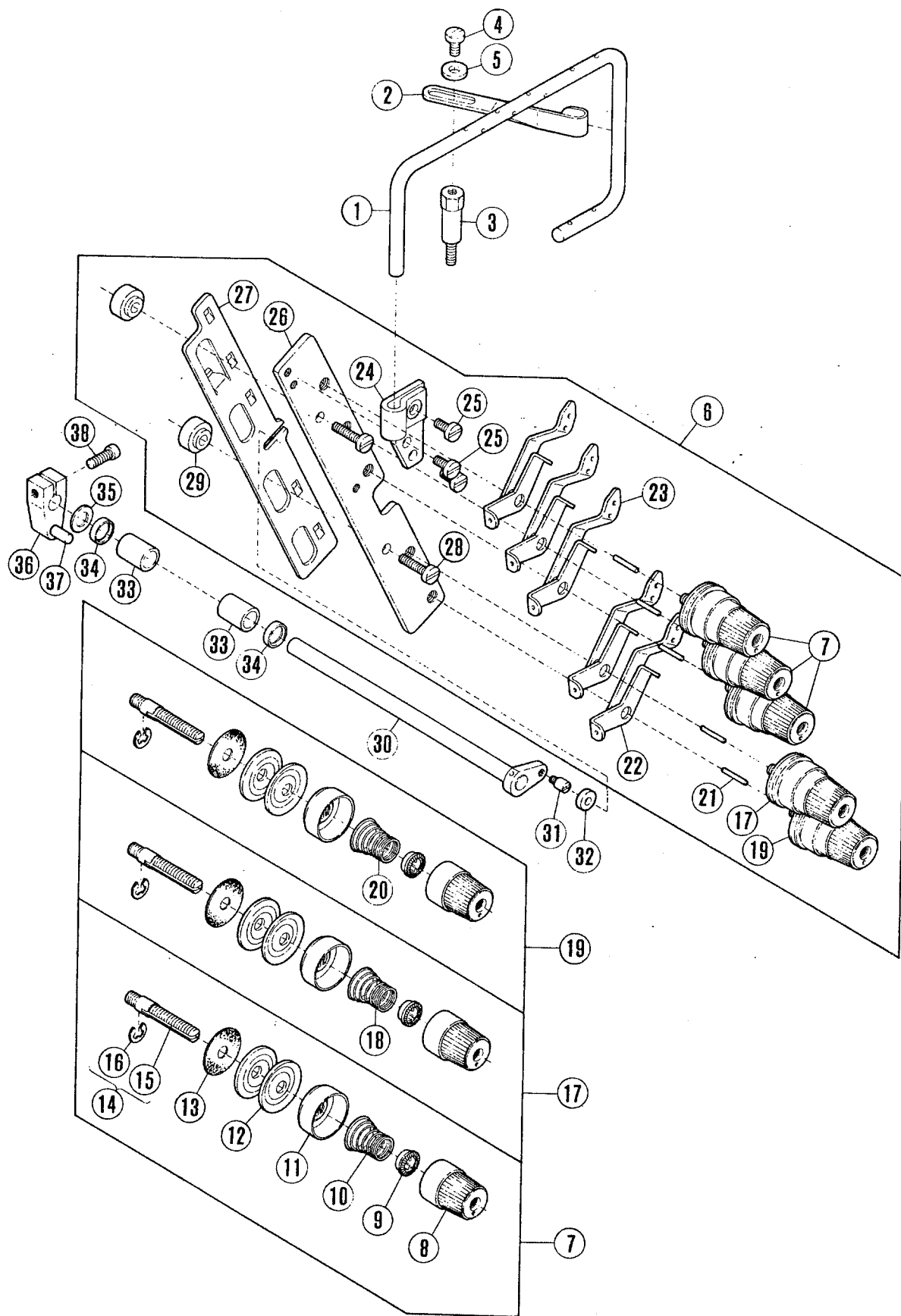
SPREADER MECHANISM(W562)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206830	SHAFT/SPREADER DRIVE	1	
2	206178	BUSHING	1	
3	206175	SPREADER DRIVE ARM	1	
4	5318	SCREW	1	
5	5312	SCREW	1	
6	206165	CONNECTION/SPREADER DRIVE	1	
7	1174	SCREW	4	
8	206167	BALL STUD	1	
9	5020	NUT	1	
10	206168	BALL STUD	1	
11	206166	ROCK STOP	1	
12	5312	SCREW	1	
13	206160	SPREADER HOLDER CARRIER	1	
14	206161	BUSHING	1	
15	206162	O RING	1	
16	206163	THRUST WASHER	1	
17	206164	THRUST COLLAR	1	
18	1457	SCREW	2	
19	206159	SPREADER HOLDER	1	
20	1170	SCREW	1	
21	206158	SPREADER	1	
22	2924	SCREW	1	
23	206749	BUSHING	1	
24	206174	SPREADER DRIVE CRANK	1	
25	5381	SCREW	1	
26	206181	THRUST COLLAR	1	
27	5001	SCREW	1	
28	206180	THRUST WASHER	1	
29	206171	SPREADER DRIVE LINK	1	
30	206173	PIN	1	
31	3018	NUT	1	
32	204520	WASHER	1	
33	206170	SPACER	1	
34	5224	SCREW	2	
35	206172	NEEDLE BEARING	1	
36	206828	ECCENTRIC/SPREADER DRIVE	1	
37	5312	SCREW	1	
38	206829	BALANCEWEIGHT	1	
39	2902	SCREW	2	
40	207084	BALANCEWEIGHT	1	
41	5461	SCREW	2	
42	206182	SPREADER THREAD GUIDE	1	
43	4009-1	SCREW	2	
44	206183	THREAD TENSION BRACKET	1	
45	137108	TENSION DISC	2	
46	137109	TENSION SPRING	1	
47	5387	SCREW	1	
48	201804	SPREADER THREAD GUIDE WIRE	1	
49	1231	SCREW	1	



THREAD CONTROL MECHANISM

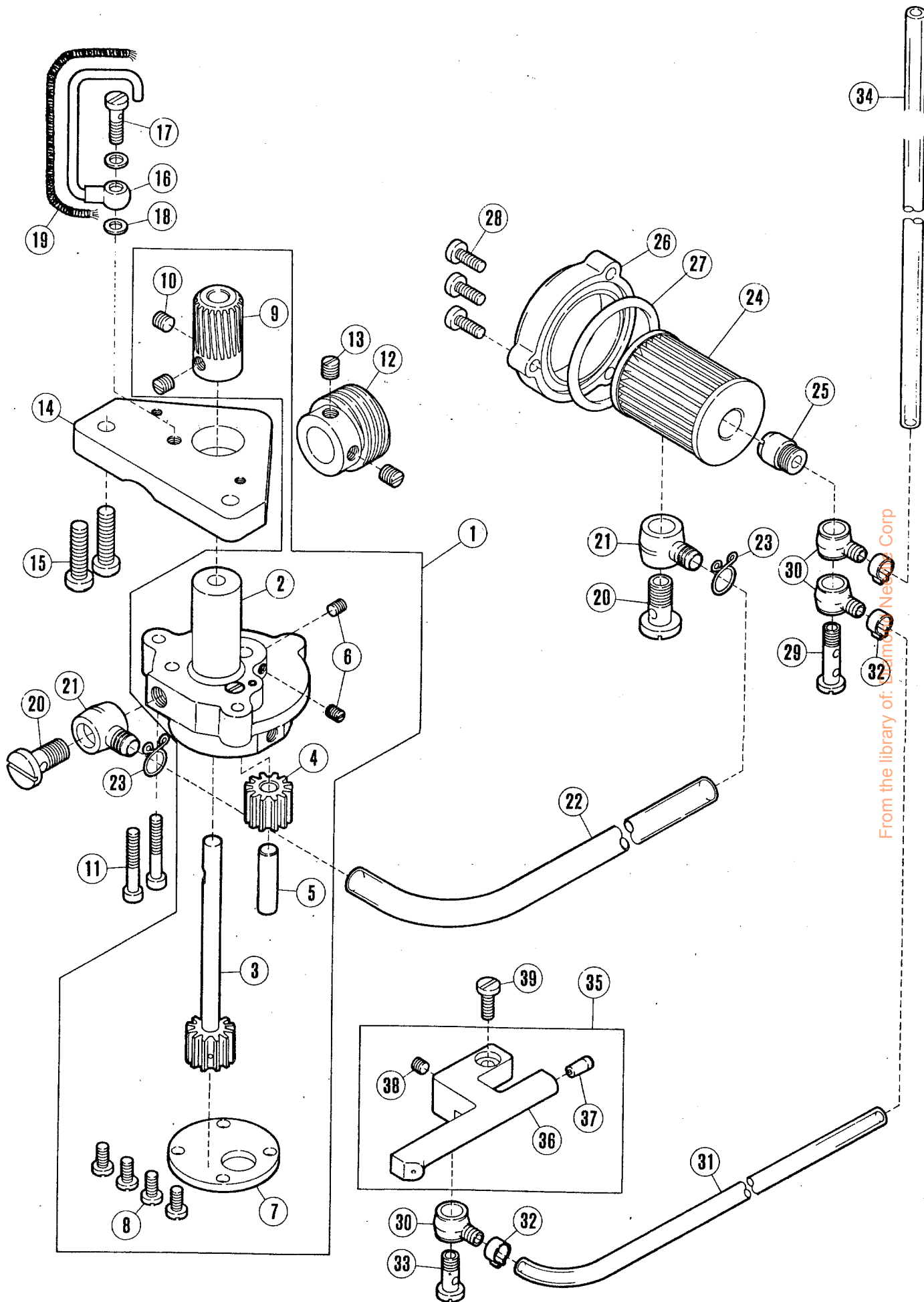
REF. NO.	PART NO.	NAME	QT.	MEMO
1	206832	CONNECTION/THREAD TAKEUP DRIVE	1	
2	5187	SCREW	2	
3	1170	SCREW	2	
4	206831	ECCENTRIC/THREAD TAKEUP DRIVE	1	
5	5385	SCREW	2	
6	207356	GUIDE PLATE	1	
7	5012	SCREW	2	
8	5545	SCREW	1	
9	206188	BALL STUD	1	
10	206189A	CONNECTION GUIDE	1	
11	5312	SCREW	1	
12	206834	CRANK/THREAD TAKEUP DRIVE	1	
13	5457	SCREW	1	
14	202756	COLLAR	2	
15	1458	SCREW	4	
16	206835	SHAFT/THREAD TAKEUP DRIVE	1	
17	206192	BUSHING	2	
18	206193	OIL SEAL	1	
19	206671	ROCKER/THREAD TAKEUP	1	
20	5276	SCREW	1	
21	206672	NEEDLE THREAD TAKEUP	1	
22	5116	SCREW	2	
23	137142	WASHER	2	
24	206198	SPREADER THREAD TAKEUP	1	
25	5116	SCREW	1	
26	206199	SPREADER THREAD GUIDE	1	
27	4009-1	SCREW	1	
28	200098	WASHER	1	
29	206676	NEEDLE THREAD TAKEUP COMPLETE	1	
30	206673	NEEDLE THREAD TAKEUP	1	
31	206674	NEEDLE THREAD TAKEUP AJX.	1	
32	5053	SCREW	1	
33	167066	WASHER	1	
34	2903	SCREW	1	
35	207432-FD	NEEDLE THREAD TAKEUP COVER	1	
36	5357	SCREW	1	
37	200728	WASHER	1	
38	207433-FD	NEEDLE THREAD TAKEUP COVER	1	
39	2905	SCREW	1	



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THREAD TENSION MECHANISM

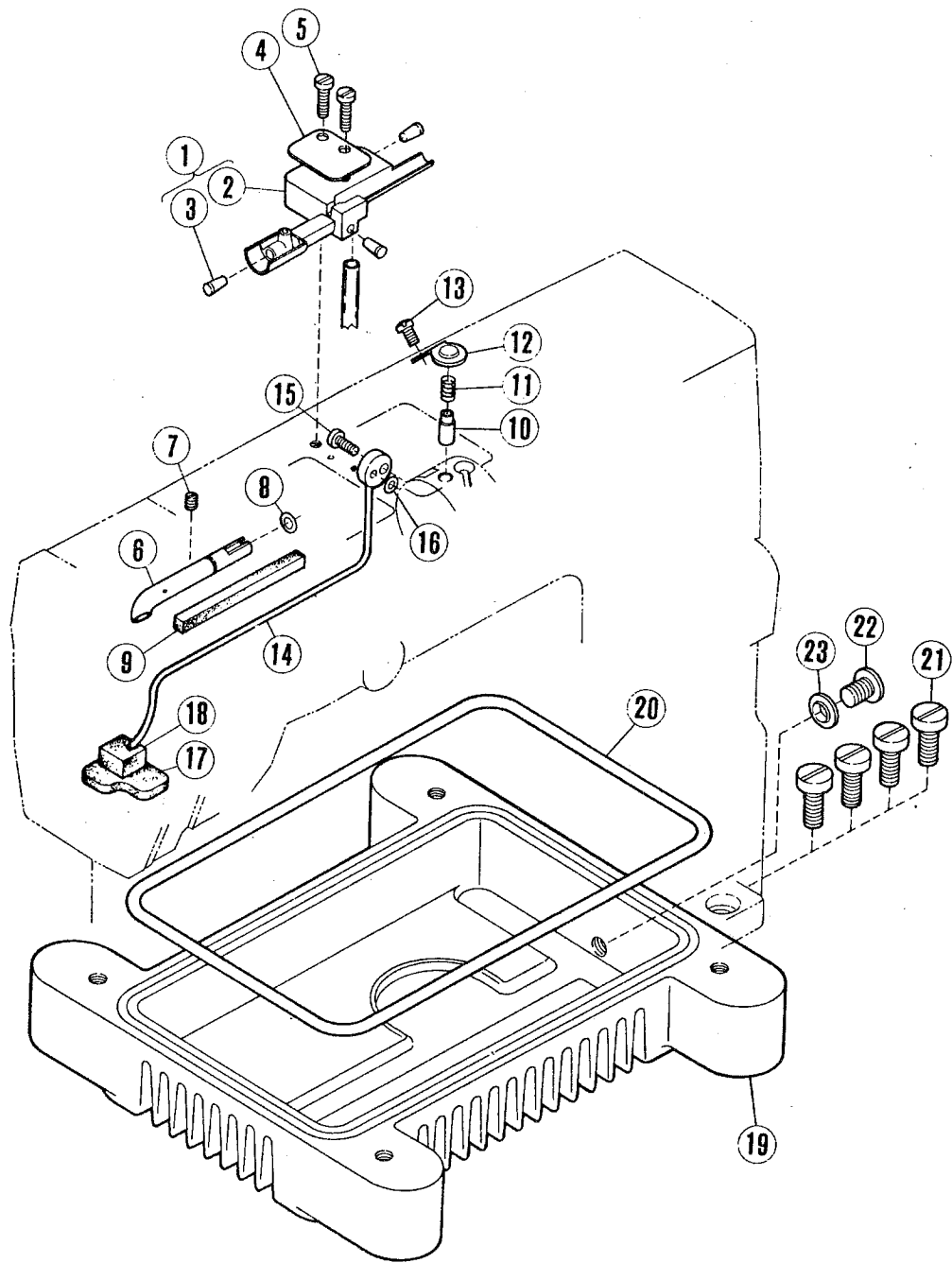
REF. NO.	PART NO.	NAME	QT.	MEMO
1	207116	THREAD GUIDE BAR	1	
2	207357	GUIDE	1	
3	207408	SCREW	1	
4	5117	SCREW	1	
5	200098	WASHER	1	
6	207118	TENSION CONTROL MECHANISM	1	
7	207110	TENSION NUT COMPLETE (HEAVY)	3	
8	208447	TENSION NUT	5	
9	208448	SPRING BUSHING	5	
10	201037	BUSHING	3	
11	306359	CUP	5	
12	210319	DISC	10	
13	208449	FELT	5	
14	306306	POST COMPLETE	5	
15	306307	POST	5	
16	200983	RING	5	
17	207111	TENSION NUT COMPLETE (MEDIUM)	1	
18	201086	TENSION SPRING (MEDIUM)	1	
19	207112	TENSION NUT COMPLETE (LIGHT)	1	
20	201068	TENSION SPRING (LIGHT)	1	
21	306302	PIN	5	
22	207183	THREAD GUIDE	5	
23	306304	LEAD-IN GUIDE	5	
24	207117	BRACKET	1	
25	5117	SCREW	3	
26	207114	TENSION NUT BRACKET	1	
27	207113	THREAD TENSION RELEASE PLATE	1	
28	5152	SCREW	2	
29	207115	WASHER	2	
30	206585	SHAFT COMPLETE	1	
31	5382	SCREW	1	
32	206367	CUSHION	1	
33	206941	BUSHING	2	
34	206942	OIL SEAL	2	
35	206055	THRUST WASHER	1	
36	206213	BELL CRANK	1	
37	206215	PIN	1	
38	5187	SCREW	1	



From the library of: **Garmin, Inc.**

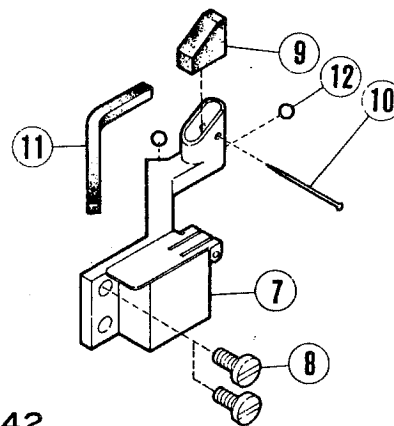
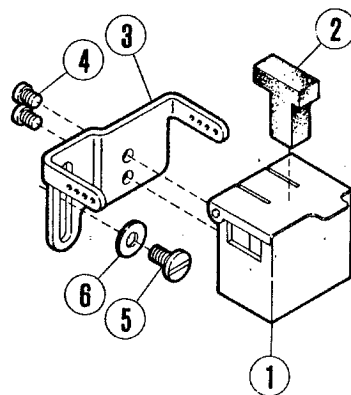
LUBRICATING MECHANISM(1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206226	GEAR PUMP COMPLETE	1	
2	206227	CASING COMPLETE	1	
3	208687	GEAR (RIGHT)	1	
4	201295	GEAR (LEFT)	1	
5	204184	PUMP GEAR SHAFT	1	
6	1458	SCREW	2	
7	201293A	PLATE	1	
8	5117	SCREW	4	
9	206072	WORM WHEEL	1	
10	5060	SCREW	2	
11	5094	SCREW	2	
12	206229	WORM	1	
13	2022	SCREW	2	
14	206838	BRACKET/OIL PUMP	1	
15	5282	SCREW	2	
16	206396	OIL PIPE	1	
17	201758	OIL SPLASH SCREW	1	
18	201759	WASHER	2	
19	202174	OIL WICK	1	
20	206403	OIL SPLASH SCREW	2	
21	201300A	JOINT	2	
22	206854	OIL PIPE	1	
23	201303A	CLAMP	2	
24	206233	OIL FILTER	1	
25	210200	BRACKET/OIL FILTER	1	
26	210201-FD	OIL FILTER CAP	1	
27	206431	O RING	1	
28	5118	SCREW	3	
29	205111	JOINT STUD	1	
30	200136	OIL SPLASH JOINT	3	
31	206840	OIL TUBE	1	
32	202199	TUBE CLAMP	3	
33	200152	SCREW	1	
34	206842	OIL TUBE	1	
35	206839	OIL DISTRIBUTOR COMPLETE	1	
36	206986	OIL DISTRIBUTOR	1	
37	202903	PLUG	1	
38	5210	SCREW	1	
39	5118	SCREW	1	



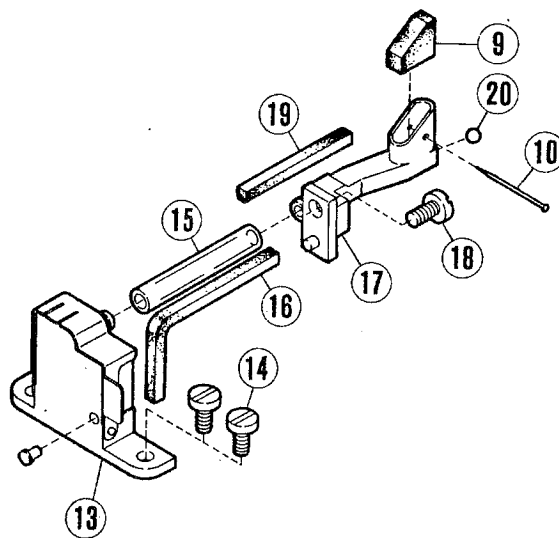
LUBRICATING MECHANISM(2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206939	OIL DISTRIBUTOR COMPLETE	1	
2	206841	OIL DISTRIBUTOR	1	
3	202903	PLUG	3	
4	206393	OIL SPLASH GUARD PLATE	1	
5	5152	SCREW	2	
6	207080	OIL PIPE	1	
7	1457	SCREW	1	
8	204185	O RING	1	
9	206247	OIL FELT	1	
10	206249	OIL DRAIN PISTON	1	
11	206250	SPRING	1	
12	206251	HOLDER	1	
13	5117	SCREW	1	
14	206343	OIL DRAIN PIPE	1	
15	5118	SCREW	1	
16	206366	O RING	1	
17	206252	FELT	1	
18	206253	SPONGE	1	
19	206843-FD	OIL RESERVOIR	1	
20	206844	O RING	1	
21	5390	SCREW	4	
22	5138B	SCREW	1	
23	202287A	WASHER	1	



WS62,42

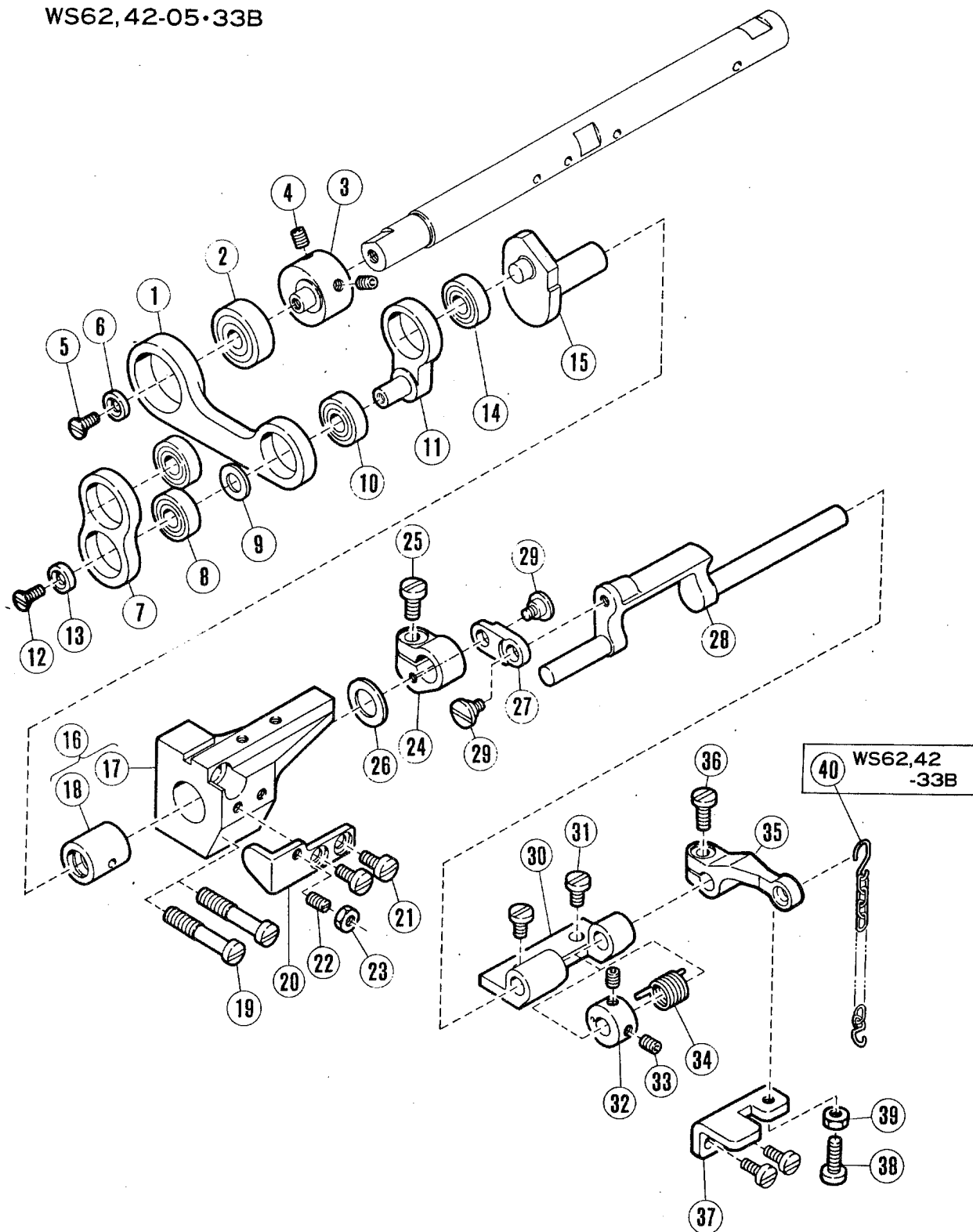
WS62,42-05•33B



H.R.DEVICE (Needle Cooler & Thread Lubricator)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	207065	SILICONE OIL RESERVOIR	1	
2	207068	FELT	1	
3	207069	THREAD GUIDE	1	
4	5053	SCREW	2	
5	4009-1	SCREW	1	
6	200098	WASHER	1	
7	206845	NEEDLE COOLER	1	
8	5117	SCREW	2	
9	206847	OIL FELT	1	
10	210766	PIN	1	
11	206850	OIL FELT	1	
12	206851	PLUG	2	
13	207035	SILICONE OIL RESERVOIR	1	
14	4009-1	SCREW	2	
15	208657	TUBE	1	
16	207034	FELT	1	
17	207031	NEEDLE COOLER COMPLETE	1	
18	5117	SCREW	1	
19	207044	FELT	1	
20	206851	PLUG	1	

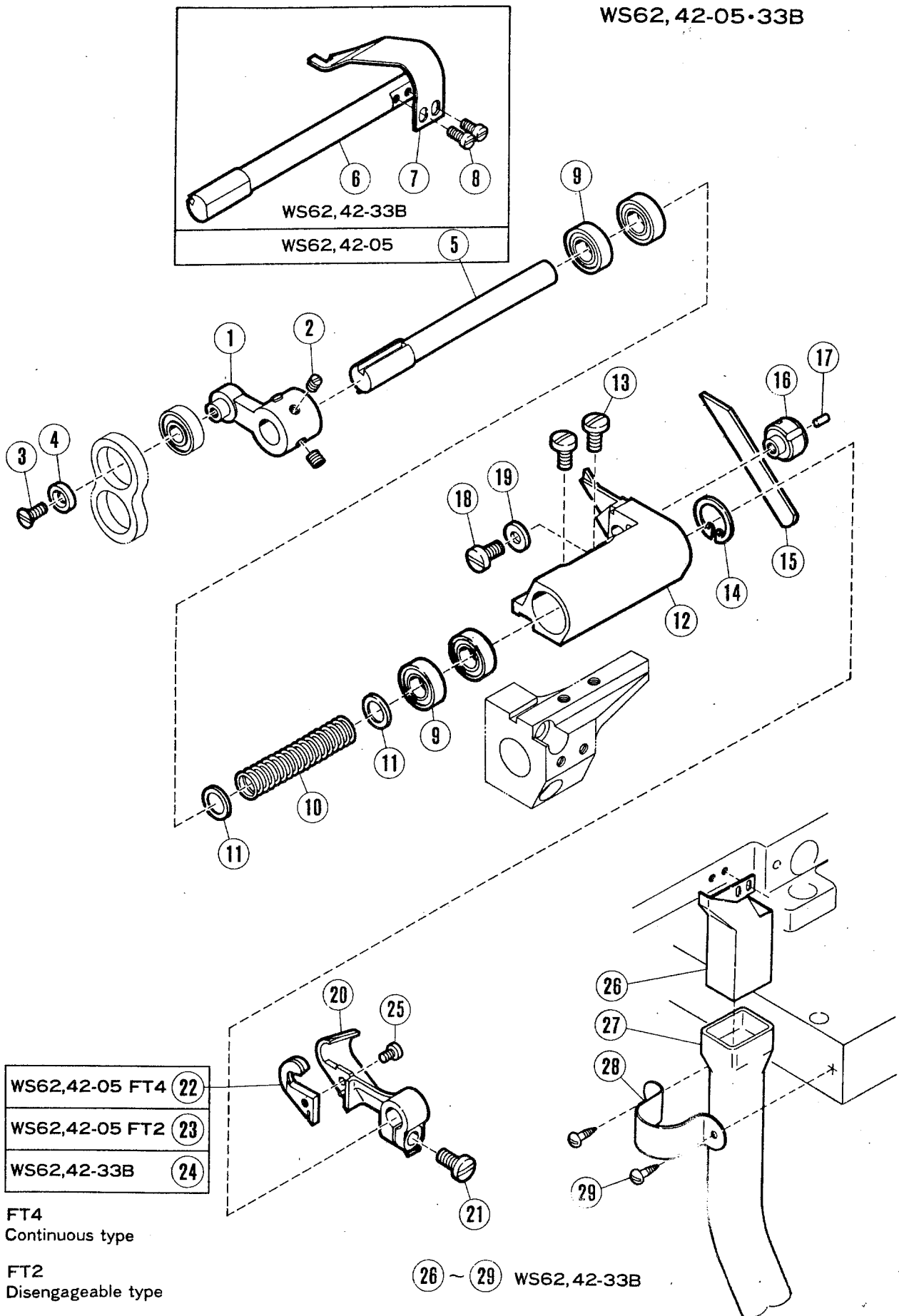
WS62,42-05-33B



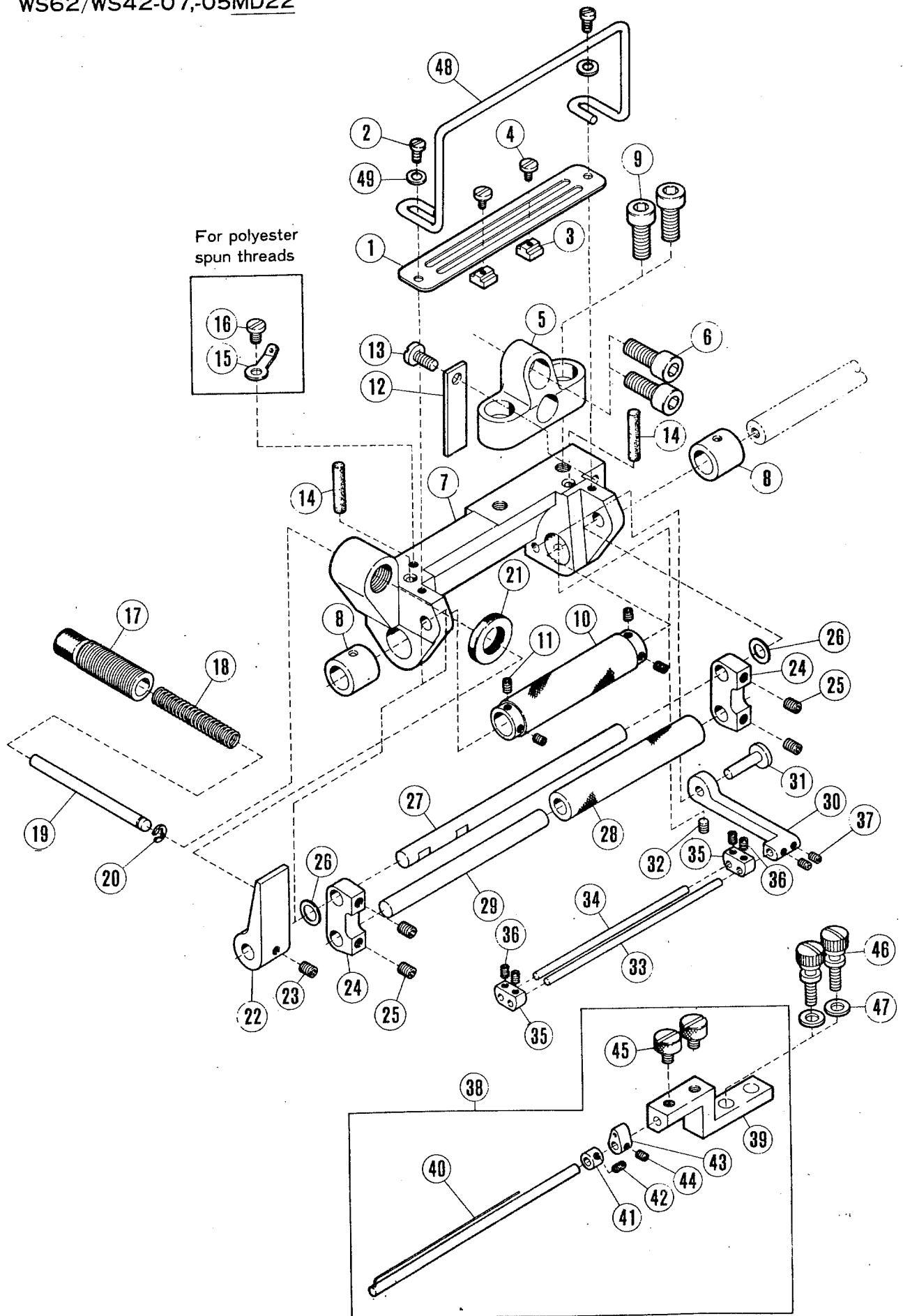
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FOR WS62/WS42-05-33B ONLY(1)
(FT Device)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	206989	CONNECTION	1	
2	206990	BALL BEARING	1	
3	206988	ECCENTRIC	1	
4	5461	SCREW	2	
5	5373	SCREW	1	
6	202757A	WASHER	1	
7	207003	LINK	1	
8	206991	BALL BEARING	2	
9	207002	WASHER	1	
10	206991	BALL BEARING	1	
11	207000	LINK	1	
12	5373	SCREW	1	
13	202757A	WASHER	1	
14	206991	BALL BEARING	1	
15	206998	CRANKSHAFT	1	
16	206992	BRACKET COMPLETE	1	
17	206993	BRACKET	1	
18	206994	BUSHING	1	
19	5514	SCREW	2	
20	207001	GUIDE	1	
21	5091	SCREW	2	
22	1458	SCREW	1	
23	3044	NUT	1	
24	206999	COLLAR	1	
25	5116	SCREW	1	
26	204789	THRUST WASHER	1	
27	207017	LINK	1	
28	207013	CRANKSHAFT	1	
29	5452	SCREW	2	
30	207014	BRACKET	1	
31	4009-1	SCREW	2	
32	207016	COLLAR	1	
33	5461	SCREW	2	
34	207015	SPRING	1	
35	207012	LEVER	1	
36	5345	SCREW	1	
37	207018	BRACKET	1	
38	5118	SCREW	1	
39	3044	NUT	1	
40	392	CHAIN	1	

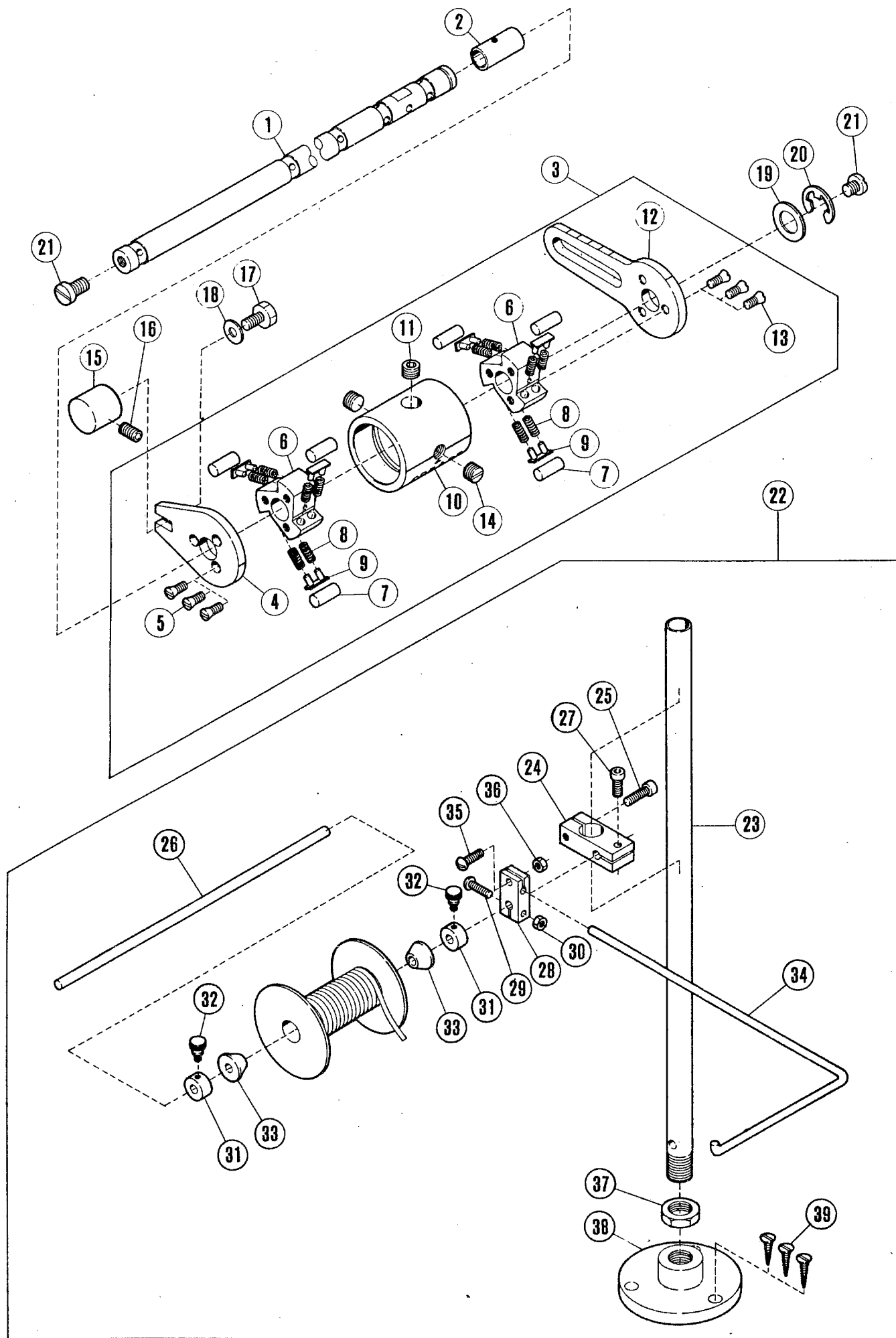


REF. NO.	PART NO.	NAME	QT.	MEMO
1	207004	CRANK	1	
2	1457	SCREW	2	
3	5373	SCREW	1	
4	202757A	WASHER	1	
5	207008	SHAFT	1	
6	307031	SHAFT	1	
7	307023	FABRIC UNCURLER	1	
8	5142	SCREW	2	
9	207009	BALL BEARING	4	
10	207011	SPRING	1	
11	207045	WASHER	2	
12	206995	LOWER KNIFE HOLDER	1	
13	5117	SCREW	2	
14	207010	RING	1	
15	206996	LOWER KNIFE	1	
16	206997	HOLDER	1	
17	198021	PIN	1	
18	5117	SCREW	1	
19	200098	WASHER	1	
20	207005	UPPER KNIFE CARRIER	1	
21	5116	SCREW	1	
22	306394	UPPER KNIFE	1	
23	306475	UPPER KNIFE	1	
24	307032	UPPER KNIFE	1	
25	5346	SCREW	1	
26	307034	WASTE CHUTE TOP	1	
27	307035	WASTE CHUTE	1	
28	307036	HOLDER	1	
29	4910	SCREW	2	



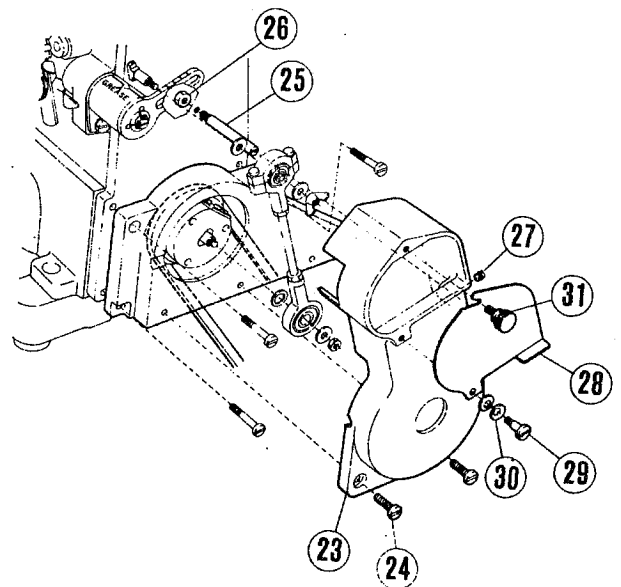
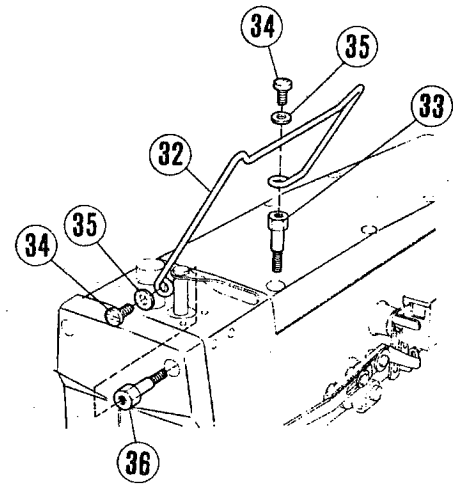
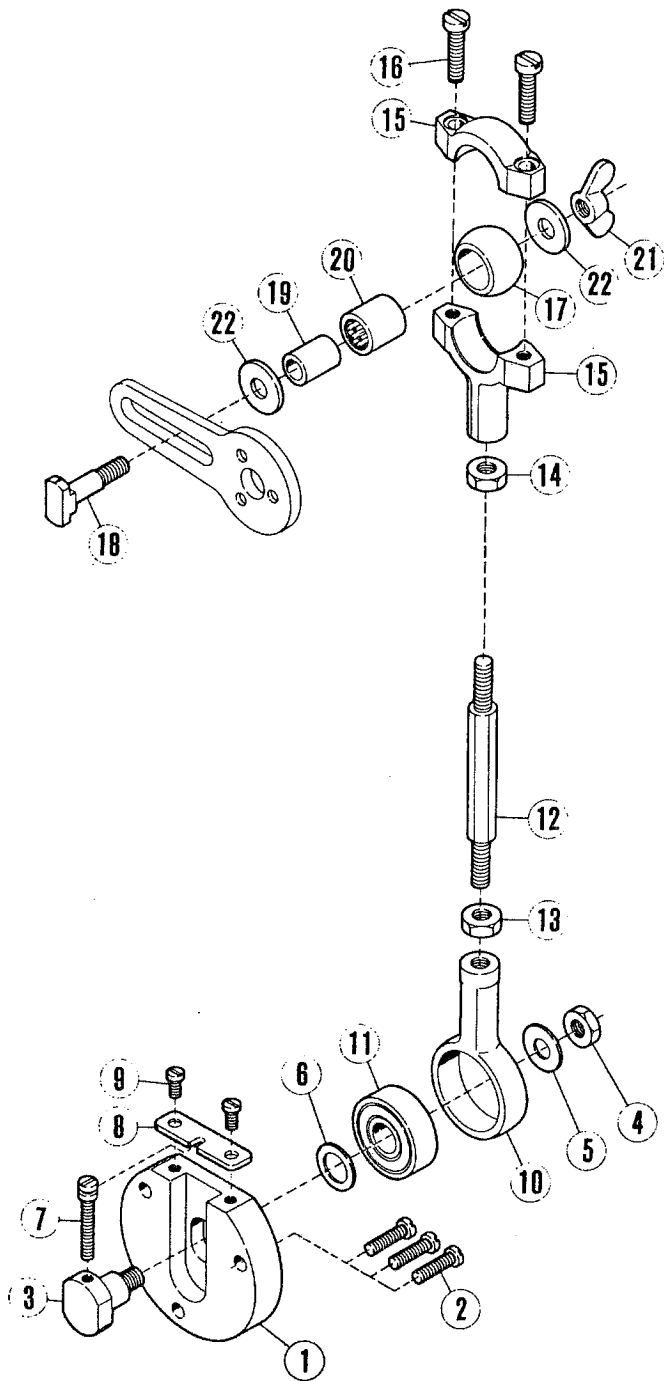
FOR WS62/WS42-07 ONLY(1)
(MD Device)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	306382	PLATE	1	
2	2918	SCREW	2	
3	306057	BLOCK	2	
4	5141	SCREW	2	
5	306569-FD	BRACKET/FEED ELASTIC	1	
6	5457	SCREW	2	
7	306497-FD	BRACKET	1	
8	306364	BUSHING	2	
9	5282	SCREW	2	
10	306369	METERING ROLLER LARGE	1	
11	5292	SCREW	4	
12	306052	PLATE SPRING	1	
13	5117	SCREW	1	
14	306383	OIL FELT	2	
15	210353	UPPER LOOPER	1	
16	5328	SCREW	1	
17	306378	SCREW	1	
18	306376	SPRING	1	
19	306377	POST	1	
20	200555	RETAINING RING	1	
21	306379	NUT	1	
22	306380	LEVER	1	
23	5461	SCREW	1	
24	306374	BRACKET	2	
25	5461	SCREW	4	
26	204520	WASHER	2	
27	306375	SHAFT	1	
28	306372	METERING ROLLER SMALL	1	
29	306373	PIN	1	
30	306050	ELASTIC GUIDE POST LEVER	1	
31	306381	PIN	1	
32	5146	SCREW	1	
33	306048	ELASTIC GUIDE POST	1	
34	306049	ELASTIC GUIDE POST	1	
35	306053	ELASTIC GUIDE POST HOLDER	2	
36	5292	SCREW	4	
37	5292	SCREW	2	
38	207450	LACE GUIDE COMPLETE	1	
39	207041	BRACKET	1	
40	306070	LACE GUIDE POST COMPLETE	1	
41	306073	COLLAR	1	
42	5292	SCREW	1	
43	306074	COLLAR	1	
44	5292	SCREW	1	
45	5161	SCREW	2	
46	5070	SCREW	2	
47	137142	WASHER	2	
48	207434	THREAD TAKEUP GUARD	1	
49	200183	THRUST WASHER	2	



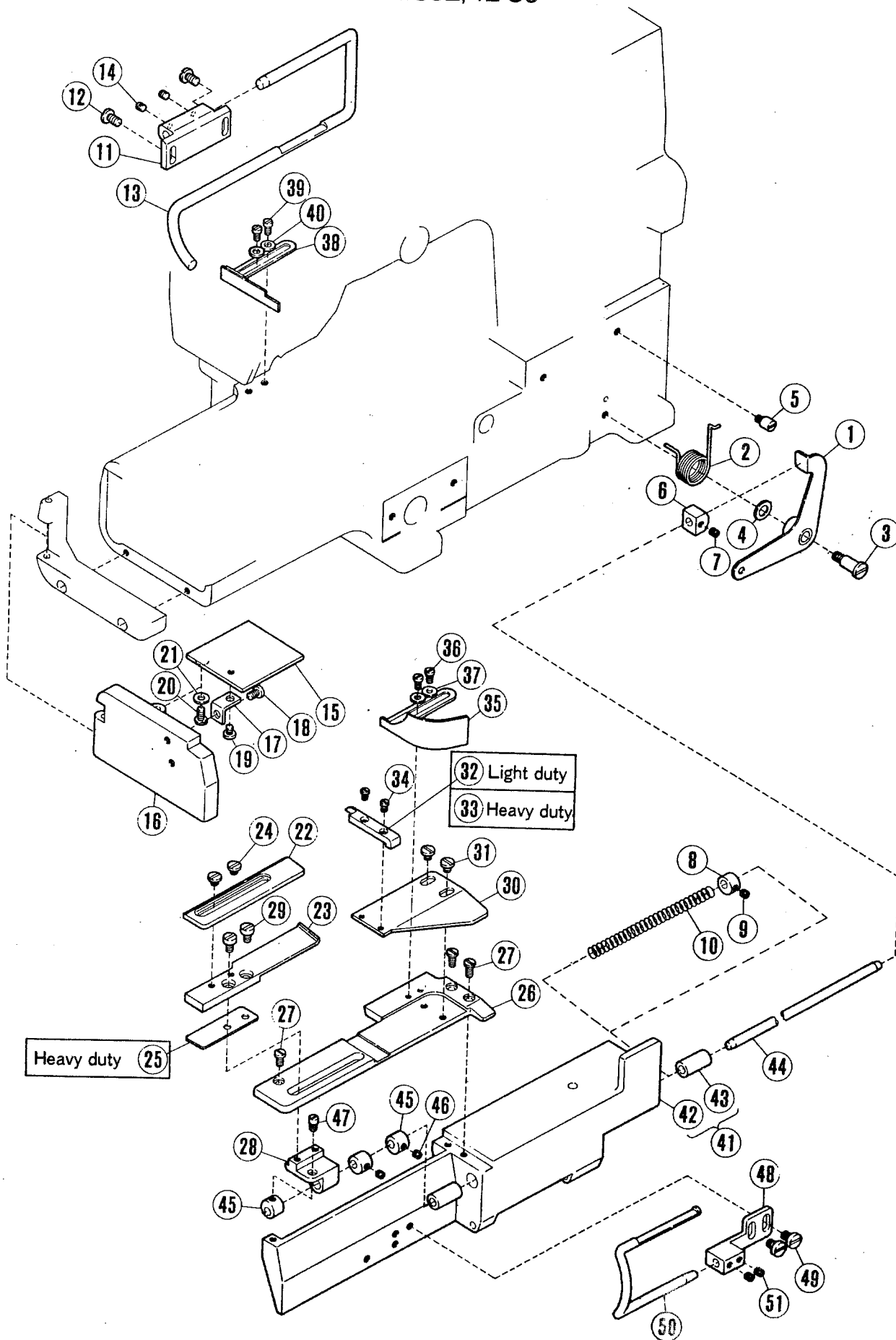
FOR WS62/WS42-07 ONLY(2)
(MD Device)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	306363	METERING ROLLER SHAFT	1	
2	306470	BUSHING	1	
3	306501	CLUTCH ASSEMBLY	1	
4	306247	CLUTCH PLATE	1	
5	2297	SCREW	3	
6	306240	CLUTCH	2	
7	306500	CLUTCH ROLLER	6	
8	306499	SPRING	12	
9	306243	SPRING GUIDE	6	
10	306246	SLEEVE	1	
11	5312	SCREW	2	
12	306236	CRANK/ELASTIC FEED	1	
13	2297	SCREW	3	
14	2913-1	SCREW	1	
15	306568	PIN	1	
16	5461	SCREW	1	
17	5283	SCREW	1	
18	201185	WASHER	1	
19	204789	THRUST WASHER	1	
20	202577	STOP RING	1	
21	5261	SCREW	2	
22	306469	REEL STAND SET	1	
23	306466	ROD	1	
24	306465	HOLDER	1	
25	4511	SCREW	1	
26	306464	BAR	1	
27	4510	SCREW	1	
28	233	HOLDER	1	
29	230	SCREW	1	
30	4803	NUT	1	
31	306463	COLLAR	2	
32	1285	SCREW	2	
33	306462	REEL GUIDE	2	
34	306467	ROD	1	
35	230	SCREW	1	
36	4803	NUT	1	
37	5476	NUT	1	
38	306468	THREAD STAND BASE	1	
39	242	ROD SCREW	3	



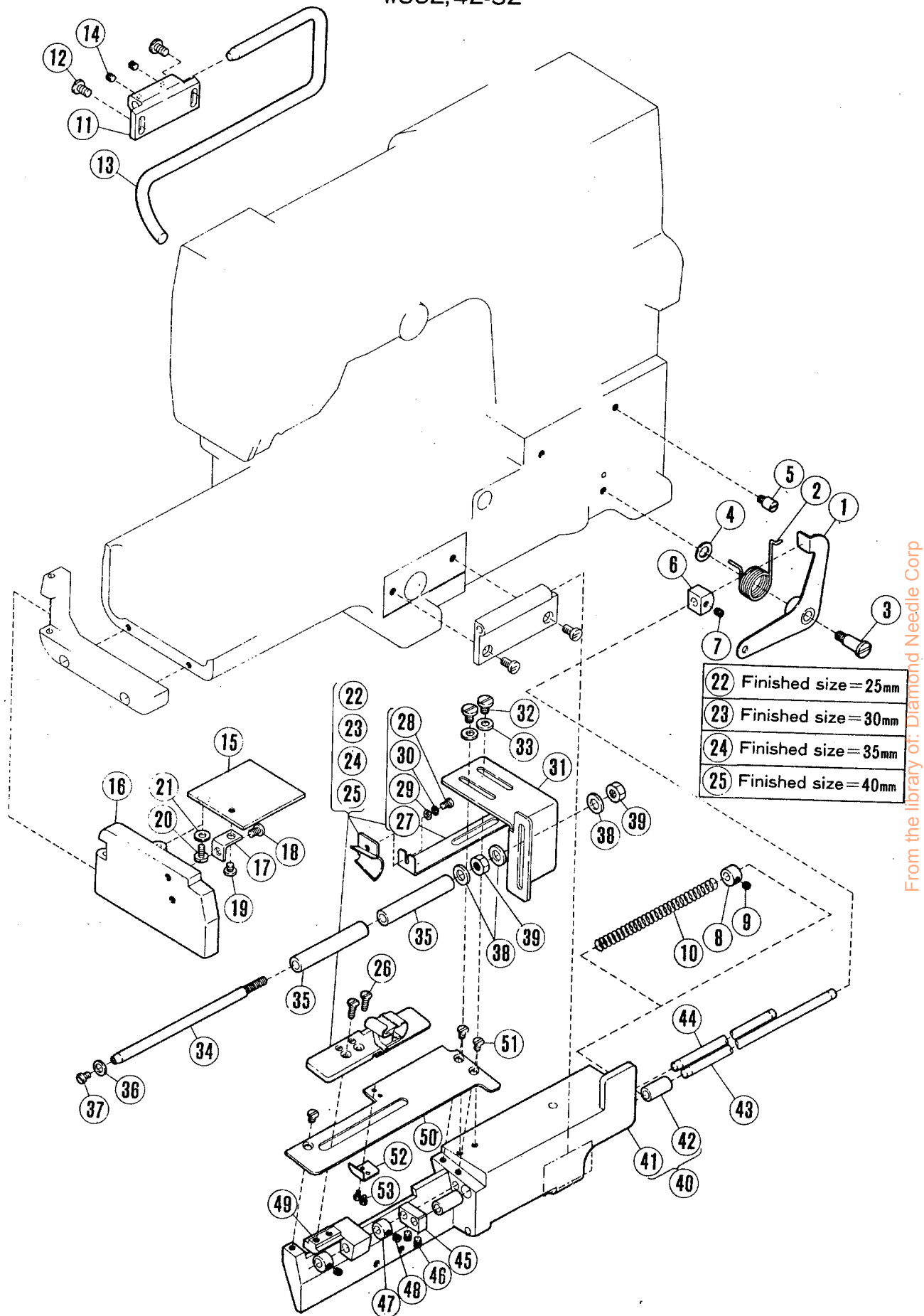
FOR WS62/WS42-07 ONLY(3)
(MD Device)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	306230	PIN HOLDER		
2	4114	SCREW	1	
3	306231	ECCENTRIC PIN	3	
4	5496	NUT	1	
5	204520	WASHER	1	
			1	
6	205060	THRUST WASHER		
7	5462	SCREW	1	
8	306232	PLATE	1	
9	1998-2	SCREW	1	
10	303209	ROD	2	
			1	
11	303210	BEARING		
12	306567	ROD	1	
13	28-1	NUT	1	
14	89-1	NUT	1	
15	306234	CONNECTION	1	
			1	
16	5233	SCREW		
17	306235	BALL	2	
18	306237	PIN	1	
19	306238	BUSHING	1	
20	306239	BEARING	1	
			1	
21	306390	THUMB NUT		
22	204023	WASHER	1	
23	306683-FD	COVER	2	
24	2903	SCREW	1	
25	306684	POST	2	
			1	
26	5137	NUT		
27	5234	SCREW	1	
28	306387	WINDOW	1	
29	5215	SCREW	1	
30	201191	WASHER	1	
			2	
31	1281	SCREW		
32	306218	ELASTIC GUIDE WIRE	1	
33	207408	SCREW	1	
34	5117	SCREW	1	
35	200098	WASHER	2	
			2	
36	207409	SCREW		
			1	



FOR WS62/WS42-30 ONLY

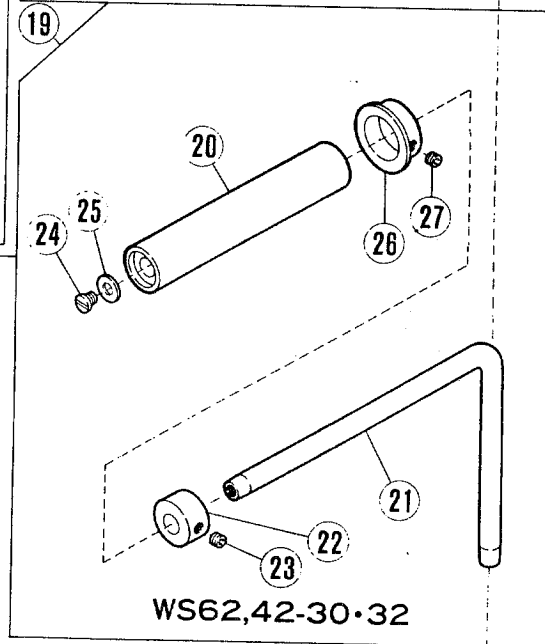
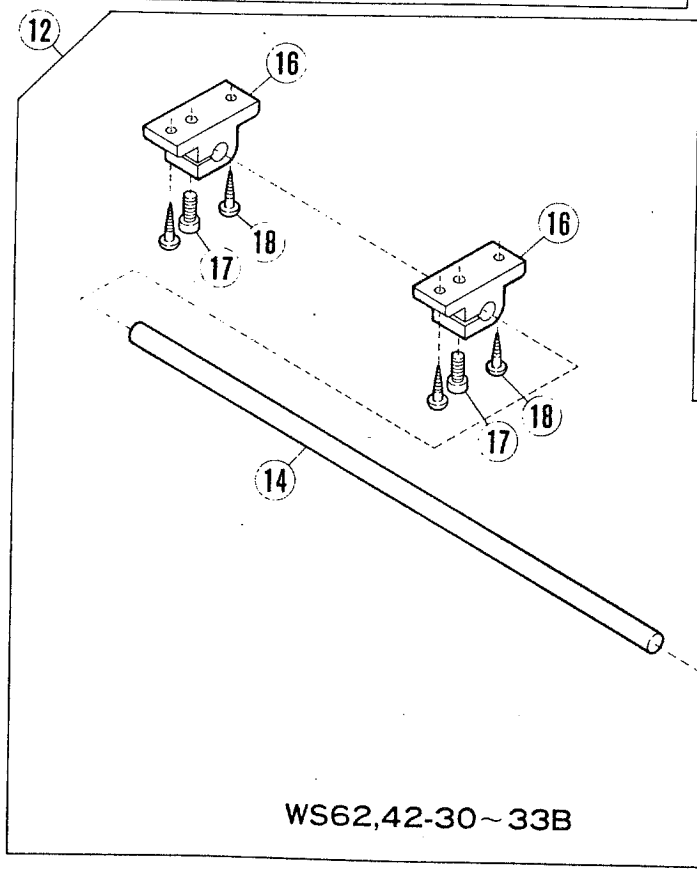
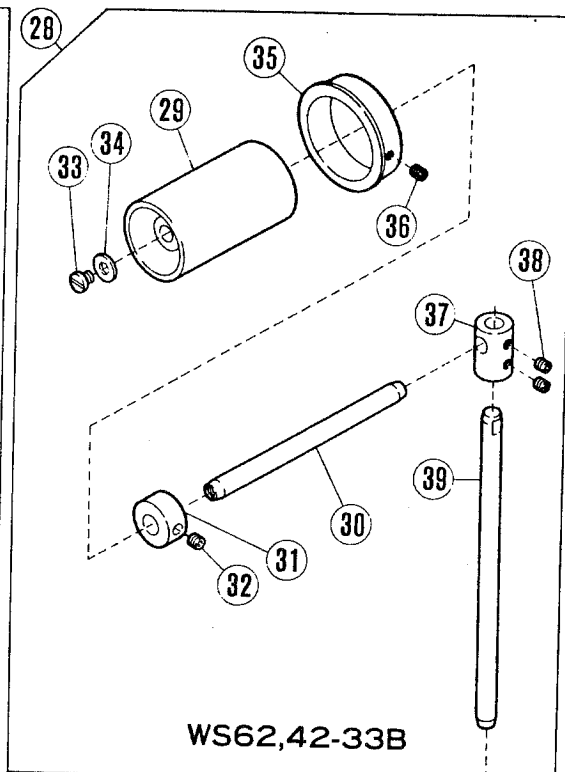
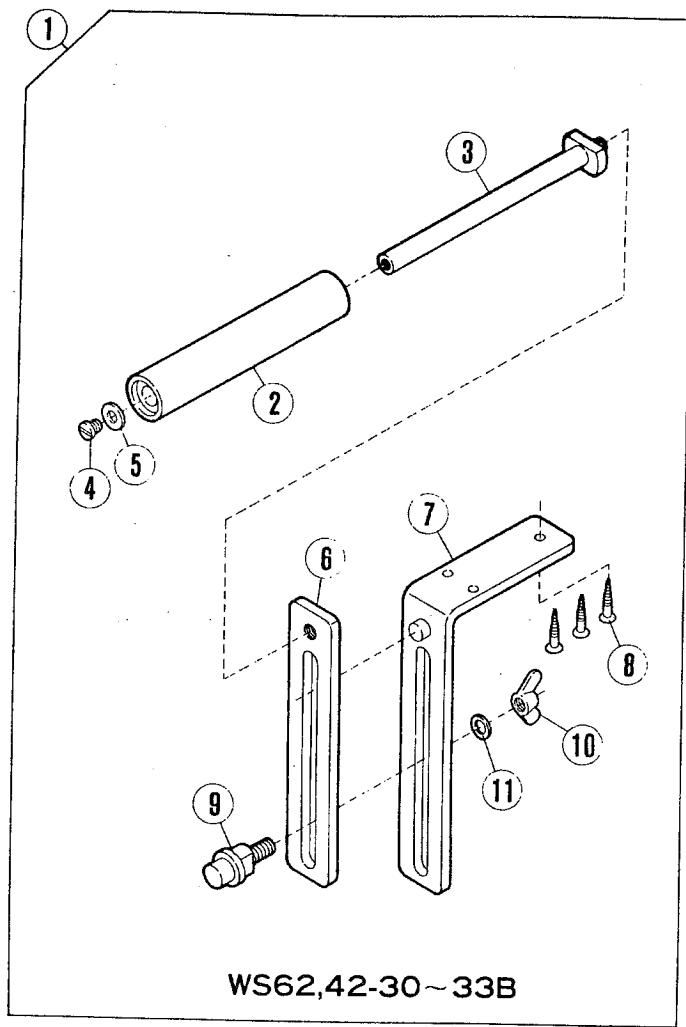
REF. NO.	PART NO.	NAME	QT.	MEMO
1	306805	LEVER		
2	306808	SPRING	1	
3	2285	SCREW	1	
4	204520	WASHER	1	
5	5272	SCREW	1	
			1	
6	306845	PLATE		
7	5461	SCREW	1	
8	306737	COLLAR	1	
9	1457	SCREW	1	
10	306814	SPRING	1	
			1	
11	306874	BRACKET		
12	4009-1	SCREW	1	
13	306873	ELASTIC GUIDE BAR (REAR)	2	
14	1457-1	SCREW	1	
15	306803-FD	CLOTH PLATE	2	
			1	
16	306850-FD	SIDE COVER		
17	306804	BRACKET	1	
18	5116	SCREW	1	
19	2905	SCREW	1	
20	1174	SCREW	1	
			1	
21	137906	WASHER		
22	307038	ELASTIC GUIDE	1	
23	307039	BINDER	1	
24	2905-HC	SCREW	1	
25	306860	SPACER/BINDER	2	
			1	
26	307037	BRACKET		
27	5091-HC	SCREW	1	
28	306856	GUIDE/BINDER	3	
29	5117	SCREW	1	
30	307040	CLOTH PLATE	2	
			1	
31	2905-HC	SCREW		
32	306858	CLOTH GUIDE	2	
33	306859	CLOTH GUIDE	1	
34	5053	SCREW	1	
35	307005	CLOTH GUIDE (FRONT)	2	
			1	
36	5293-HC	SCREW		
37	167066	WASHER	2	
38	307008	CLOTH GUIDE (REAR)	2	
39	5293-HC	SCREW	1	
40	167066	WASHER	2	
			2	
41	306848-FD	FRONT COVER		
42	306849-FD	FRONT COVER	1	
43	306801	BUSHING	1	
44	306857	SHAFT	2	
45	306737	COLLAR	1	
			3	
46	1457	SCREW		
47	2237	SCREW	2	
48	306872	BRACKET	1	
49	5214	SCREW	1	
50	306871	ELASTIC GUIDE BAR (FRONT)	2	
			1	
51	1457-1	SCREW		
			2	



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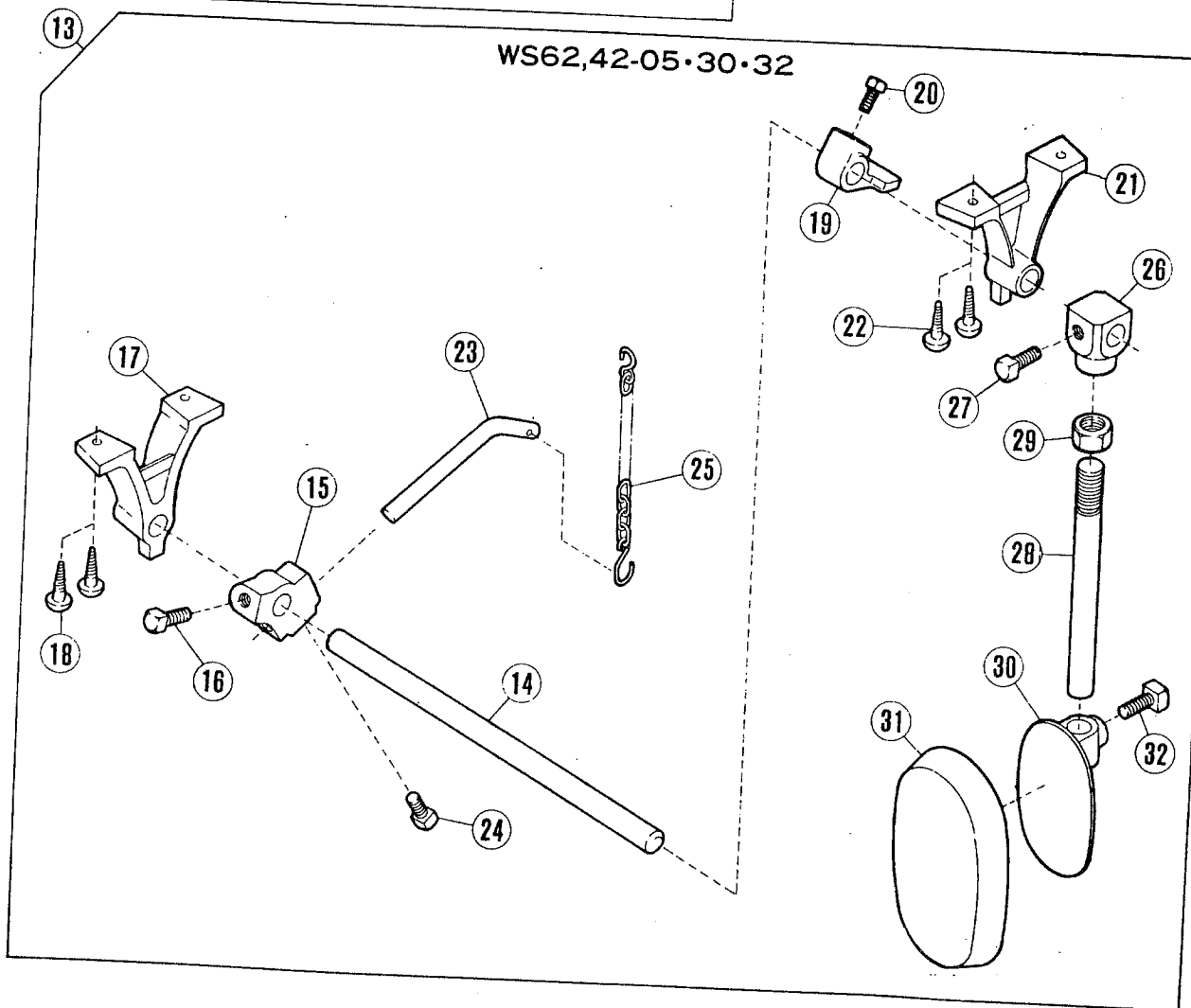
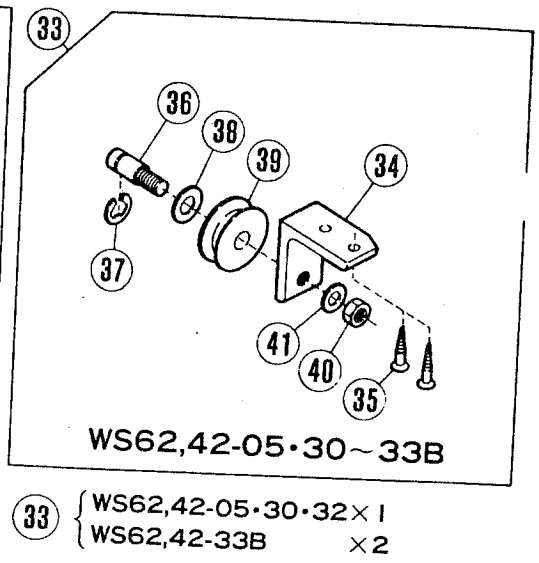
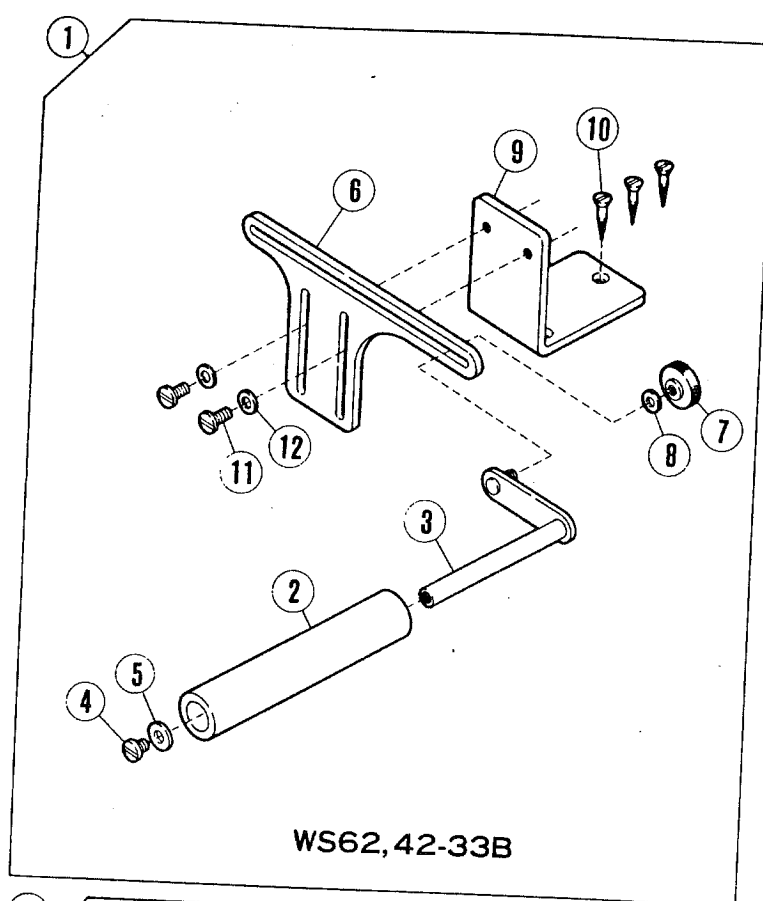
FOR WS62/WS42-32 ONLY

REF. NO.	PART NO.	NAME	QT.	MEMO
1	306805	LEVER	1	
2	306808	SPRING	1	
3	2285	SCREW	1	
4	204520	WASHER	1	
5	5272	SCREW	1	
6	306845	PLATE	1	
7	5461	SCREW	1	
8	306737	COLLAR	1	
9	1457	SCREW	1	
10	306814	SPRING	1	
11	306874	BRACKET	1	
12	4009-1	SCREW	2	
13	306927	FABRIC GUIDE BAR	1	
14	1457-1	SCREW	2	
15	306803-FD	CLOTH PLATE	1	
16	306802-FD	SIDE COVER	1	
17	306804	BRACKET	1	
18	5116	SCREW	1	
19	2905	SCREW	1	
20	1174	SCREW	1	
21	167066	WASHER	1	
22	307063	BINDER COMPLETE	1	
23	307064	BINDER COMPLETE	1	
24	307065	BINDER COMPLETE	1	
25	307066	BINDER COMPLETE	1	
26	1732-HC	SCREW	2	
27	306818	BRACKET/BINDER	1	
28	5328-HC	SCREW	1	
29	137906	WASHER	1	
30	201252	WASHER	1	
31	306942	BRACKET	1	
32	5116-HC	SCREW	2	
33	137142	WASHER	2	
34	306941	SHAFT	1	
35	306940	ROLLER	2	
36	1206	SCREW	1	
37	167066	WASHER	1	
38	208286	WASHER	3	
39	3144	NUT	2	
40	306837-FD	FRONT COVER COMPLETE	1	
41	306800-FD	FRONT COVER	1	
42	306801	BUSHING	2	
43	306811	SHAFT (RIGHT)	1	
44	306812	SHAFT (LEFT)	1	
45	306813	CONNECT PLATE	1	
46	5461	SCREW	2	
47	306737	COLLAR	2	
48	1457	SCREW	2	
49	306810	GUIDE/BINDER (LEFT)	1	
50	306809	BRACKET	1	
51	3001-HC	SCREW	3	
52	306815	AUXILIARY PLATE	1	
53	1186-HC	SCREW	2	



FOR WS62/WS42-30~33B ONLY(1)

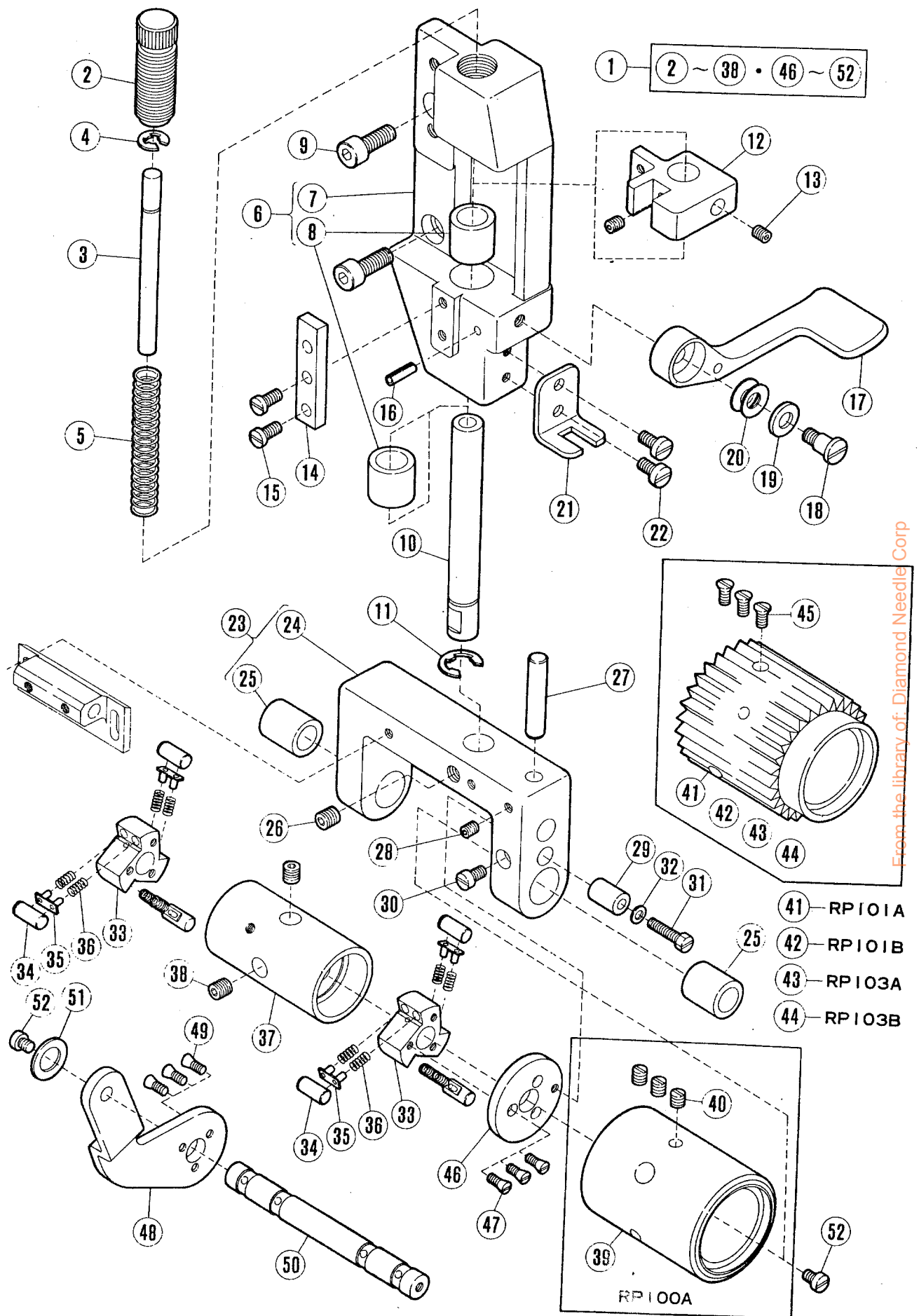
REF. NO.	PART NO.	NAME	QT.	MEMO
1	307067	LOWER ROLLER ASSEMBLY	1	
2	306923	ROLLER	1	
3	306924	SHAFT	1	
4	5332	SCREW	1	
5	204520	WASHER	1	
6	306829	GUIDE PLATE	1	
7	306831	BRACKET	1	
8	4908	SCREW	3	
9	306830	CLAMP PLATE	1	
10	306834	BUTTERFLY NUT	1	
11	202769	WASHER	1	
12	307068	FRONT ROLLER BRACKET ASSEMBLY	1	
13	306838	BRACKET	1	
14	306823	SHAFT	1	
15	5312	SCREW	4	
16	306836	BRACKET	2	
17	5457	SCREW	2	
18	4906	SCREW	4	
19	307069	FRONT ROLLER ASSEMBLY	1	
20	307062	ROLLER	1	
21	306926	SHAFT	1	
22	306843	COLLAR	1	
23	5312	SCREW	1	
24	5332	SCREW	1	
25	204520	WASHER	1	
26	306825	CLOTH GUIDE	1	
27	5312	SCREW	1	
28	307070	FRONT ROLLER ASSEMBLY	1	
29	307025	ROLLER	1	
30	307024	SHAFT	1	
31	306843	COLLAR	1	
32	5312	SCREW	1	
33	5332	SCREW	1	
34	204520	WASHER	1	
35	307026	CLOTH GUIDE	1	
36	5312	SCREW	1	
37	307027	BRACKET	1	
38	5312	SCREW	2	
39	307028	SHAFT	1	



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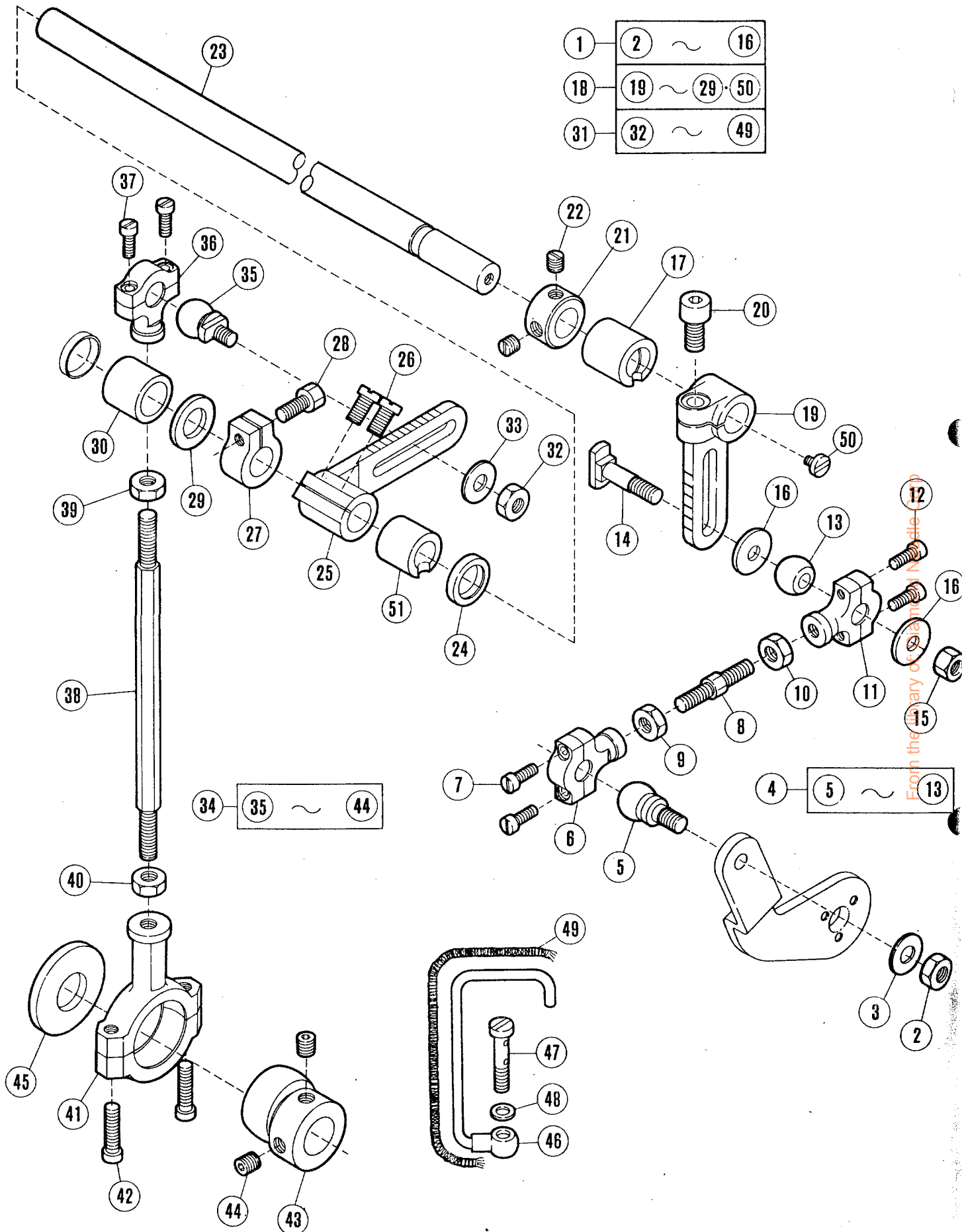
FOR WS62/WS42-30~33B ONLY(2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	307071	REAR ROLLER ASSEMBLY	1	
2	306923	ROLLER	1	
3	307029	CLAMP STUD	1	
4	5332	SCREW	1	
5	204520	WASHER	1	
6	306895	BRACKET	1	
7	210167	THUMB NUT	1	
8	204023	WASHER	1	
9	306896	BRACKET	1	
10	4908	SCREW	3	
11	5361	SCREW	2	
12	204023	WASHER	2	
13	207340	KNEE CONTROLLER	1	
14	207343	SHAFT	1	
15	207350-FD	BRACKET	1	
16	5543	BOLT	1	
17	207342-FD	FRAME	1	
18	4906	SCREW	2	
19	207344-FD	COLLAR	1	
20	5543	BOLT	1	
21	207341-FD	FRAME	1	
22	4906	SCREW	2	
23	207349	LEVER	1	
24	5543	BOLT	1	
25	390	CHAIN	1	
26	207348-FD	BRACKET	1	
27	5543	BOLT	1	
28	207347	SHAFT	1	
29	5542	NUT	1	
30	207345-FD	KNEE PAD BASE	1	
31	207346	KNEE PAD	1	
32	5543	BOLT	1	
33	207351	PULLEY ASSEMBLY	1	
34	207352	BRACKET	1	
35	4908	SCREW	2	
36	207354	SCREW	1	
37	202577	STOP RING	1	
38	202924	WASHER	1	
39	207353	PULLEY	1	
40	4809	NUT	1	
41	202922	WASHER	1	



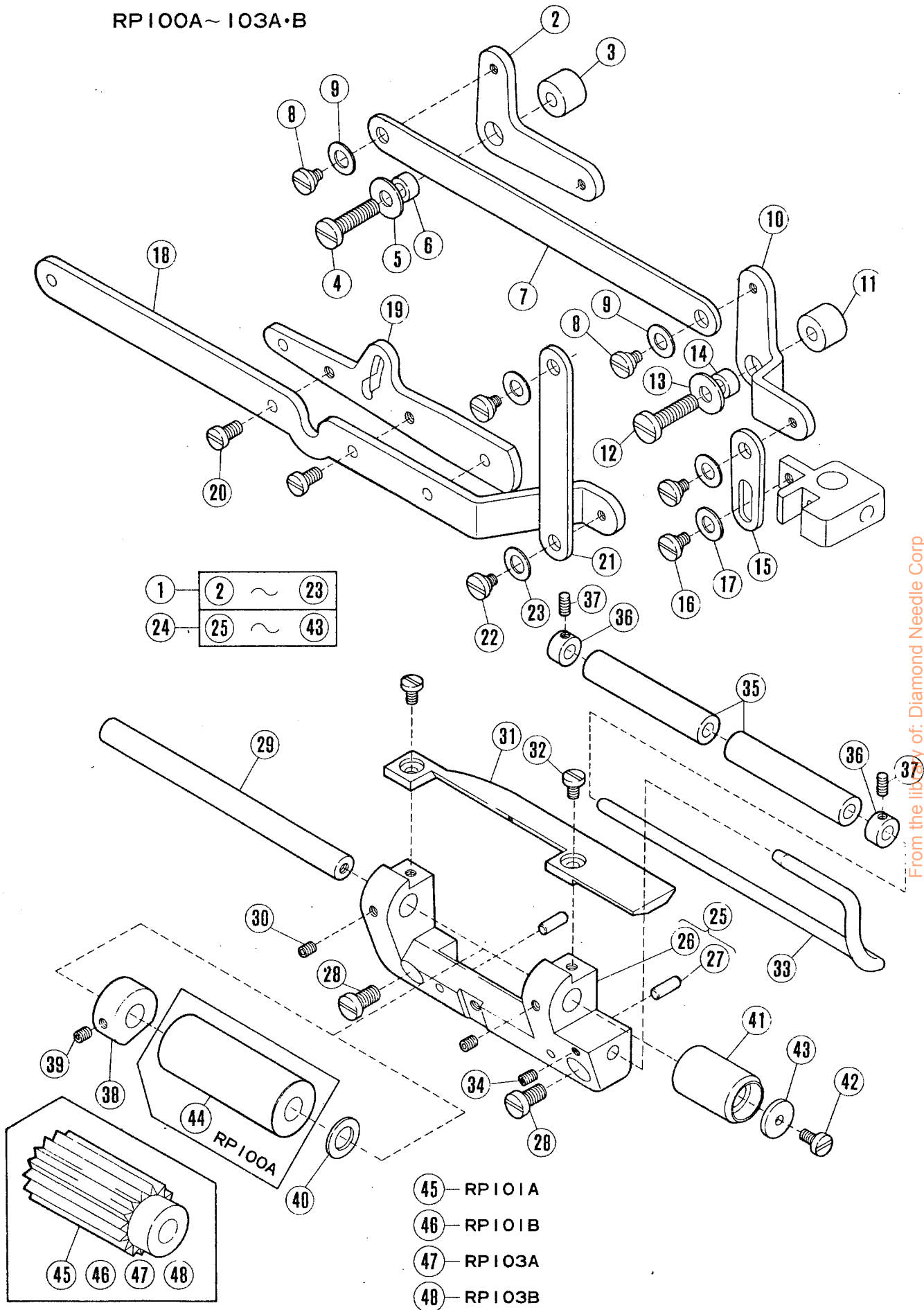
RP DEVICE(1)

REF. NO.	PART NO.	NAME	QT.	MEMO
	306988	REAR PULLER ASSEMBLY	1	
1	306982	UPPER ROLLER ASSEMBLY	1	
2	206144	THUMB SCREW	1	
3	306626	SHAFT	1	
4	200983	RING	1	
5	306625	SPRING	1	
6	306623	BRACKET COMPLETE	1	
7	306624-FD	BRACKET	1	
8	206738	LINER	2	
9	5457	SCREW	2	
10	306627	SHAFT	1	
11	306671	RING	1	
12	306628	GUIDE	1	
13	5461	SCREW	2	
14	306630	GUIDE PLATE	1	
15	5441	SCREW	2	
16	201291	PIN	1	
17	306631	LEVER	1	
18	1060	SCREW	1	
19	204091	WASHER	1	
20	306633	FLAT SPRING	2	
21	307059	GUIDE	1	
22	5117	SCREW	2	
23	307057-FD	BRACKET COMPLETE	1	
24	307058-FD	BRACKET	1	
25	206094	BUSHING	2	
26	5385	SCREW	1	
27	306667	PIN	1	
28	5461	SCREW	1	
29	206119	PIN-BUSHING	1	
30	5064	SCREW	1	
31	5121A	SCREW	1	
32	200821	WASHER	1	
33	306240	CLUTCH	2	
34	306500	CLUTCH ROLLER	6	
35	306243	SPRING GUIDE	6	
36	306499	SPRING	12	
37	306637	SLEEVE	1	
38	5385	SCREW	2	
39	306669	UPPER ROLLER	1	
40	5210	SCREW	3	
41	306935	UPPER TOOTHED ROLLER	1	
42	306953	UPPER TOOTHED ROLLER	1	
43	306921	UPPER TOOTHED ROLLER	1	
44	306960	UPPER TOOTHED ROLLER	1	
45	5107	SCREW	3	
46	306638	CLUTCH PLATE	1	
47	2297	SCREW	3	
48	307060	LEVER	1	
49	2297	SCREW	3	
50	306639	SHAFT	1	
51	204789	THRUST WASHER	1	
52	5261	SCREW	2	



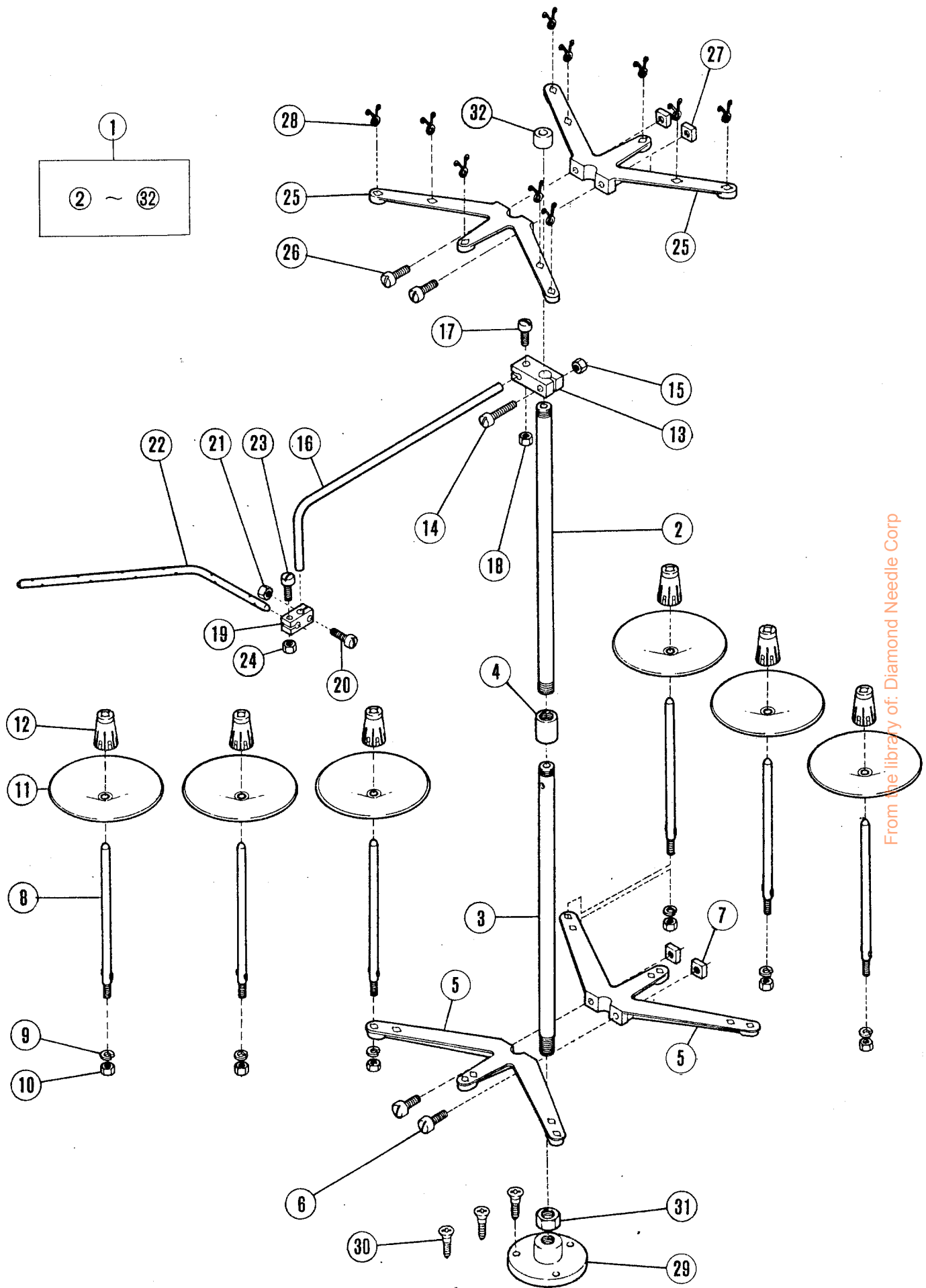
RP DEVICE(2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	306986	DRIVE CONNECTION ASSEMBLY	1	
	3144	NUT	1	
3	204520	WASHER	1	
4	306990	ROD (SHORT) ASSEMBLY	1	
5	201580	BALL STUD	1	
6	201579	CONNECTION	1	
7	1170-1	SCREW	2	
8	306946	CONNECT BAR	1	
9	89-1	NUT	1	
10	28-1	NUT	1	
11	201575	CONNECTION	1	
12	1170-1	SCREW	2	
13	306643	BALL	1	
14	306948	PIN	1	
15	5425	NUT	1	
16	204023	WASHER	2	
17	206749	BUSHING	1	
18	306985	DRIVE LEVER ASSEMBLY	1	
19	306947	CRANK	1	
20	5457	SCREW	1	
21	201635	COLLAR	1	
22	5060	SCREW	2	
23	306651	SHAFT	1	
24	202911	OIL SEAL	1	
25	306652	CRANK	1	
26	5186	SCREW	2	
27	206181	THRUST COLLAR	1	
28	5001	SCREW	1	
29	206180	THRUST WASHER	1	
30	206767	BUSHING	1	
31	306984	ECCENTRIC DEVICE	1	
32	28-1	NUT	1	
33	204520	WASHER	1	
34	306989	ROD (LONG) ASSEMBLY	1	
35	201689	BALL STUD	1	
36	201579	CONNECTION	1	
37	1170-1	SCREW	2	
38	306654	ROD	1	
39	89-1	NUT	1	
40	28-1	NUT	1	
41	306653	ROD	1	
42	5233	SCREW	2	
43	306655	ECCENTRIC	1	
44	5385	SCREW	2	
45	306656	WASHER	1	
46	306673	OIL PIPE	1	
47	306675	OIL SPLASH SCREW	1	
48	201759	WASHER	1	
49	202174	OIL WICK	1	
50	5261	SCREW	1	
51	207926	BUSHING	1	



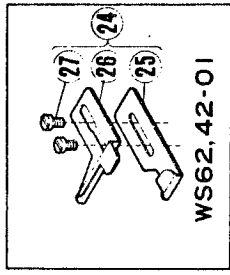
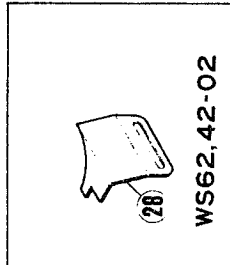
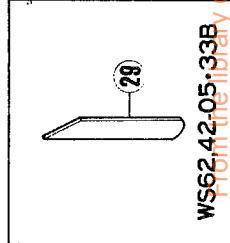
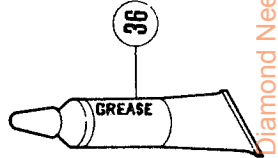
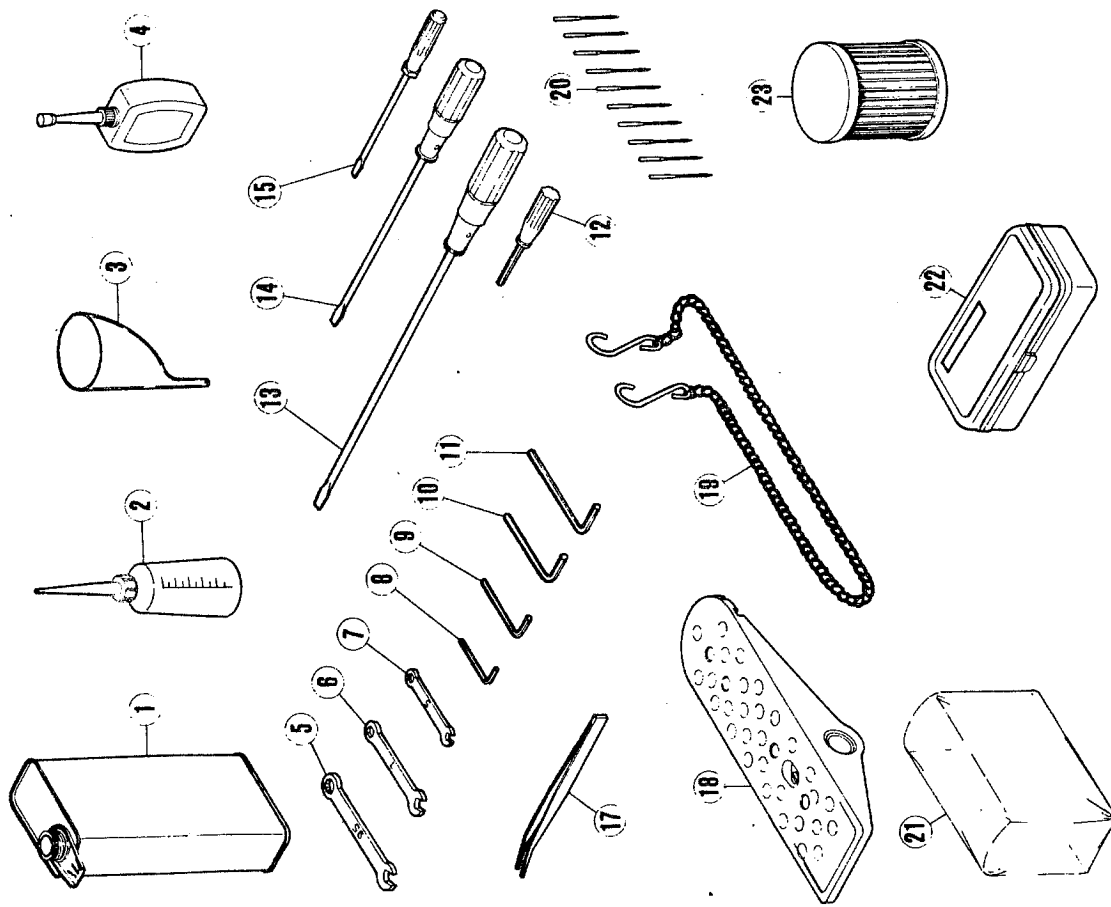
RP DEVICE(3)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	306987	UPPER ROLLER FOOT LIFTER	1	
2	306662	LEVER	1	
3	306663	WASHER	1	
4	5190	SCREW	1	
5	204023	WASHER	1	
6	306676	WASHER	1	
7	306664	CONNECT PLATE	1	
8	5204	SCREW	2	
9	306789	CUSHION RUBBER	2	
10	306665	LEVER	1	
11	306663	WASHER	1	
12	5190	SCREW	1	
13	204023	WASHER	1	
14	306676	WASHER	1	
15	306666	CONNECT PLATE	1	
16	5204	SCREW	2	
17	306789	CUSHION RUBBER	2	
18	306660	LEVER	1	
19	306659	LEVER	1	
20	5116	SCREW	2	
21	306661	CONNECT PLATE	1	
22	5204	SCREW	2	
23	306789	CUSHION RUBBER	2	
24	306983	LOWER ROLLER ASSEMBLY	1	
25	306648-FD	BRACKET COMPLETE	1	
26	306649-FD	BRACKET	1	
27	306847	PIN	2	
28	5357	SCREW	2	
29	306646	SHAFT	1	
30	5461	SCREW	2	
31	306943-FD	CLOTH PLATE	1	
32	4009-1	SCREW	2	
33	306875	POST	1	
34	5461	SCREW	1	
35	306991	ROLLER	2	
36	306992	COLLAR	2	
37	5292	SCREW	2	
38	306944	COLLAR	1	
39	5461	SCREW	1	
40	204789	THRUST WASHER	1	
41	306647	ROLLER	1	
42	5117	SCREW	1	
43	204107	THRUST WASHER	1	
44	306670	LOWER ROLLER	1	
45	306936	LOWER TOOTHED ROLLER	1	
46	306954	LOWER TOOTHED ROLLER	1	
47	306922	LOWER TOOTHED ROLLER	1	
48	306961	LOWER TOOTHED ROLLER	1	



THREAD STANDS

REF. NO.	PART NO.	NAME	QT.	MEMO
1	372	6-SPOOLS THREAD STAND COMPLETE	1	
2	385-FD	UPPER ROD	1	
3	388-FD	LOWER ROD	1	
4	387-FD	JOINT	1	
5	373-FA	BRACKET (LARGE)	2	
6	4013	SCREW	2	
7	4750	NUT	2	
8	380	SPOOL PIN	6	
9	201252	WASHER	6	
10	4803	NUT	6	
11	381-FA	SPOOL TRAY	6	
12	382-FA	SPOOL RETAINING FIN	6	
13	383-FA	ROD BRACKET	1	
14	4014	SCREW	1	
15	4803	NUT	1	
16	384	THREAD GUIDE BAR ROD	1	
17	4012	SCREW	1	
18	4803	NUT	1	
19	233-FA	BLOCK	1	
20	4012	SCREW	1	
21	4803	NUT	1	
22	293	THREAD GUIDE BAR	1	
23	4012	SCREW	1	
24	4803	NUT	1	
25	377-FA	BRACKET (LARGE)	2	
26	4013	SCREW	2	
27	4750	NUT	2	
28	376	THREAD GUIDE	10	
29	306468-FD	THREAD STAND BASE	1	
30	4913	SCREW	3	
31	5476	NUT	1	
32	386-FA	ROD CAP	1	



WS62.42.05.33B

WS62.42-02

WS62.42-01

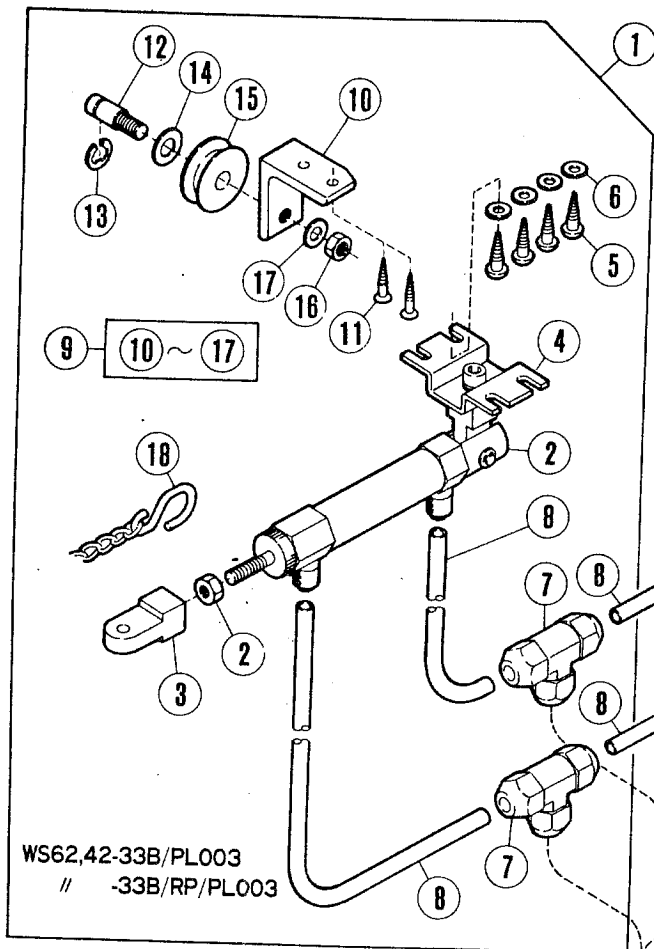
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ACCESSORIES/INSTALLATION PARTS

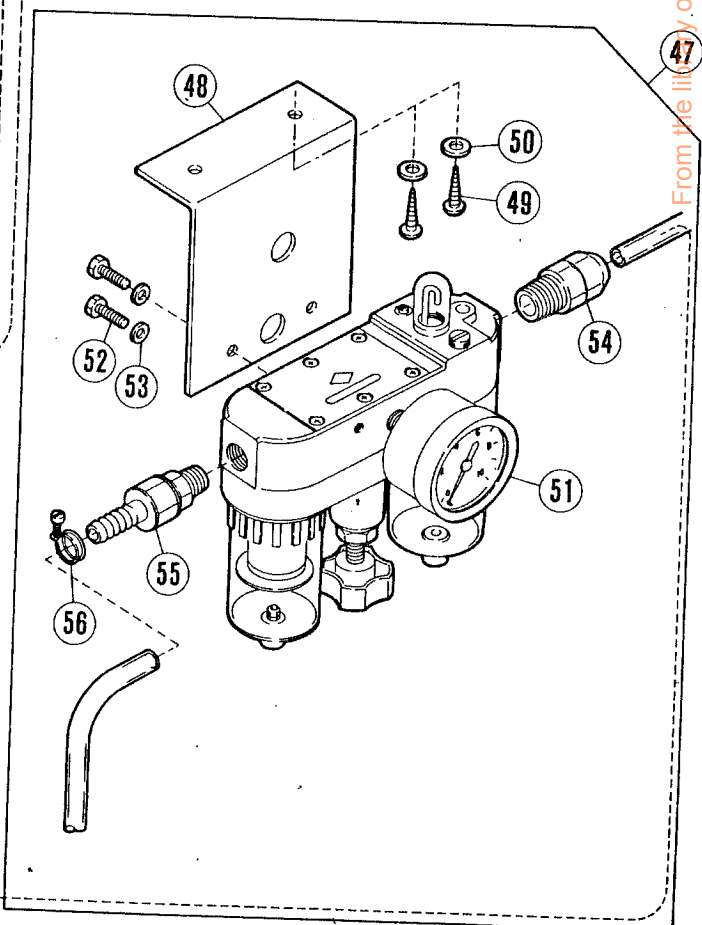
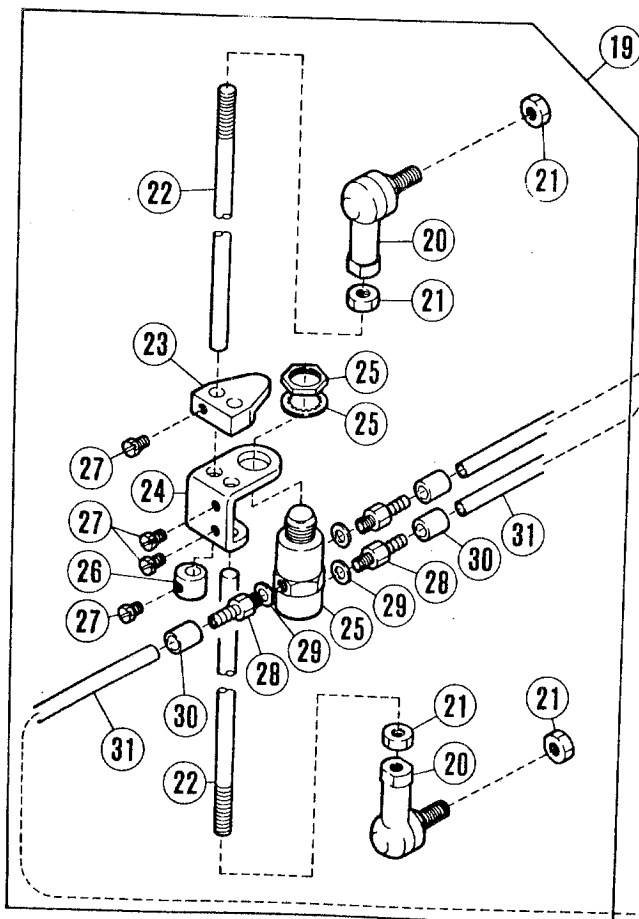
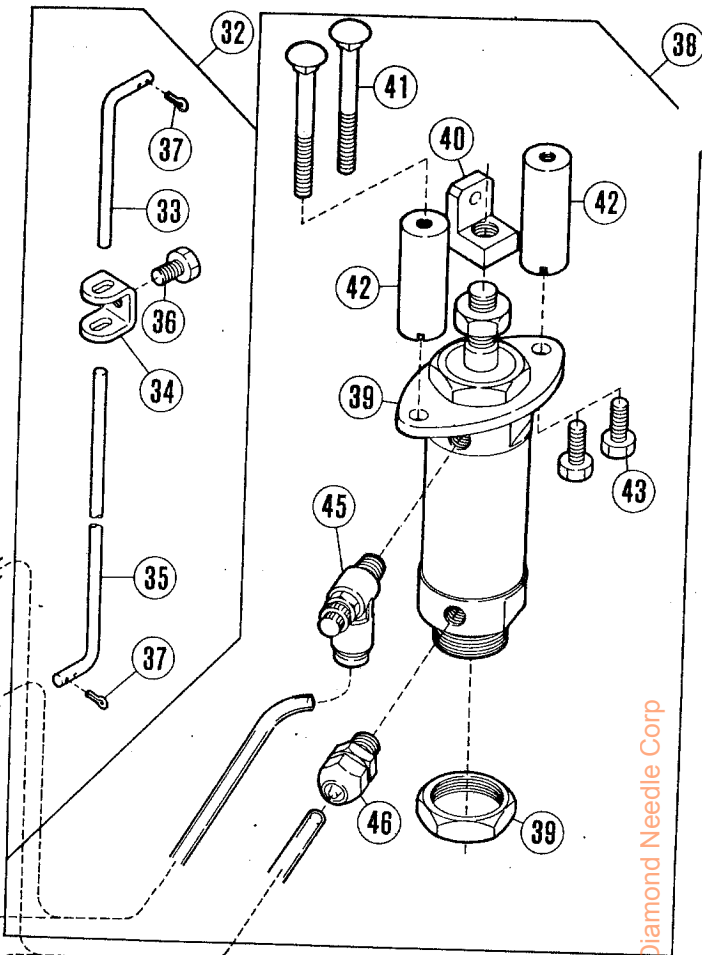
REF. NO.	PART NO.	NAME	QT.	MEMO
1	326	OIL CONTAINER	1	
2	132	OILER	1	
3	135A	FUNNEL	1	
4	178	CONTAINER - SILICONE	1	
5	269	WRENCH 9.5MM	1	
6	284	WRENCH 7MM	1	
7	282	WRENCH 5MM	1	
8	322	ALLEN KEY	1	
9	182	ALLEN KEY/3.17MM	1	
10	246	ALLEN KEY	1	
11	200	WRENCH 4.76MM	1	
12	179	DRIVER	1	
13	127	SCREWDRIVER (LARGE)	1	
14	128	SCREWDRIVER (MEDIUM)	1	
15	129	SCREWDRIVER (SMALL)	1	
17	131	TWEEZERS	1	
18	245	TREADLE	1	
19	125	TREADLE CHAIN	1	
20	JY128GAS	NEEDLE	10	
21	908	DUST COVER	1	
22	301	ACCESSARY BOX	1	
23	206233	OIL CLEANER	1	
24	9038	HEM GUIDE COMPLETE	1	
25	207332	HEM GUIDE (LEFT)	1	
26	207333	HEM GUIDE (RIGHT)	1	
27	5116	SCREW	2	
28	206971	PLATE	1	
29	206996	LOWER KNIFE	2	
30	207074	RING	4	
31	207073	SCREW	4	
32	200728	WASHER	4	
33	202045	WASHER	4	
34	5020	NUT	4	
35	206338	CUSHION RUBBER	4	
36	138	GREASE	1	

19 32 38 47

PL003
PNEUMATIC FOOT LIFTER



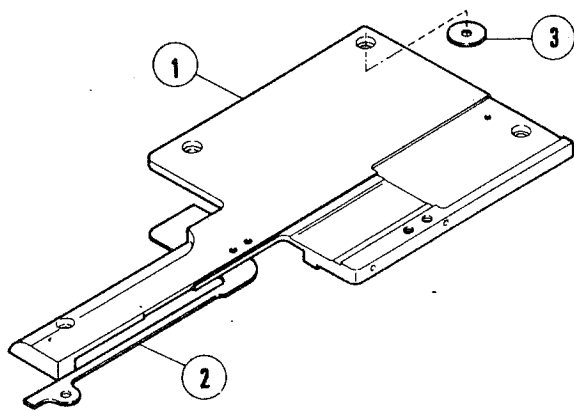
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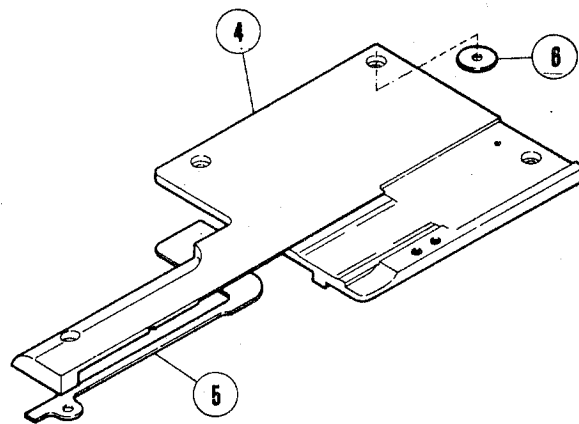
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PNEUMATIC FOOT LIFTER. KNIFE DISENGAGING MECHANISM. (OPTION)

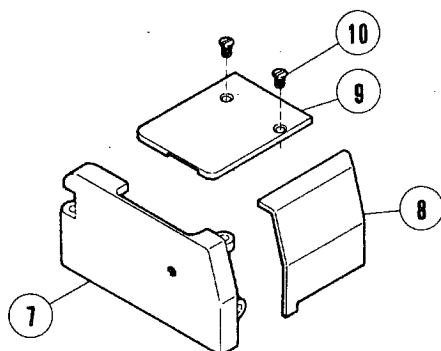
REF. NO.	PART NO.	NAME	QT.	MEMO
1	307076	CYLINDER ASSEMBLY	1	
2	513032	AIR CYLINDER	1	
3	307074	KNUCKLE	1	
4	307075	BRACKET	1	
5	4911	SCREW	4	
6	303448	WASHER	4	
7	601031	CONNECTOR	2	
8	600008	TUBE	4	
9	207351	PULLEY ASSEMBLY	1	
10	207352	BRACKET	1	
11	4908	SCREW	2	
12	207354	SCREW	1	
13	202577	STOP RING	1	
14	202924	WASHER	1	
15	207353	PULLEY	1	
16	4809	NUT	1	
17	202922	WASHER	1	
18	390	CHAIN	1	
19	532002	AIR VALVE ASSEMBLY	1	
20	306734	BALL JOINT	2	
21	4806	NUT	4	
22	306733	PITMAN ROD	2	
23	306732	ACTUATOR	1	
24	306731	BRACKET	1	
25	532001	AIR VALVE	1	
26	306737	COLLAR	1	
27	5084	SCREW	4	
28	601002	JOINT	3	
29	201759	WASHER	3	
30	601043	SLEEVE	3	
31	600053	TUBE	3	
32	306790	PITMAN ROD	1	
33	306793	ROD (SHORT)	1	
34	306792	CONNECTOR	1	
35	306794	ROD (MEDIUM)	1	
36	2022-4	SCREW	1	
37	201166	COTTER PIN	2	
38	513018	AIR CYLINDER ASSEMBLY	1	
39	513019	AIR CYLINDER	1	
40	306729	KNUCKLE	1	
41	4752	BOLT	2	
42	306730	NUT	2	
43	4304	SCREW	2	
45	527004	SPEED CONTROLLER	1	
46	601042	CONNECTOR	1	
47	595003	LUBRICATOR UNIT	1	
48	300215	BRACKET	1	
49	4910	SCREW	2	
50	204585	WASHER	2	
51	595001	LUB-UNIT ASSEMBLY	1	
52	4012	SCREW	2	
53	300291	SPRING WASHER	2	
54	601029	CONNECTOR	1	
55	601049	JOINT	1	
56	608002	WIRE BAND	1	



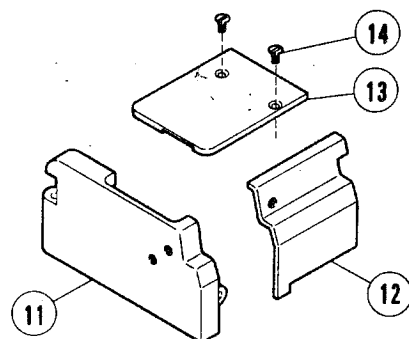
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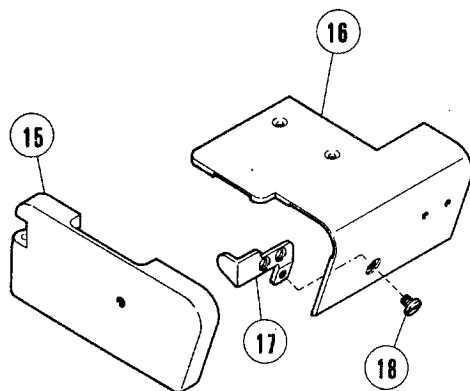
WS62(42)-05•33B



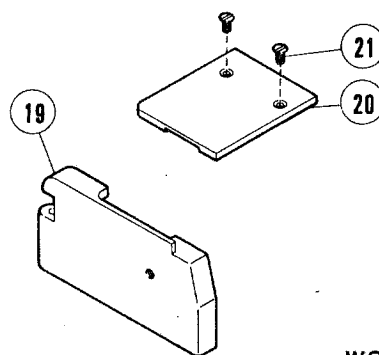
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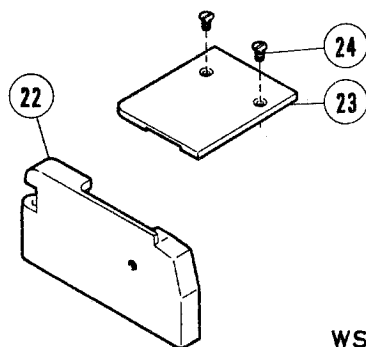
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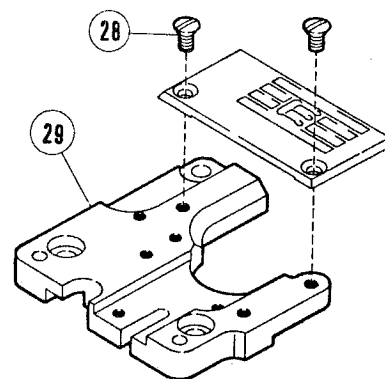
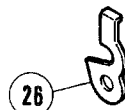
WS62(42)-05•33B



WS62(42)-30



WS62(42)-32



②⑤=WS62(42)-01•02•03•04•06•32

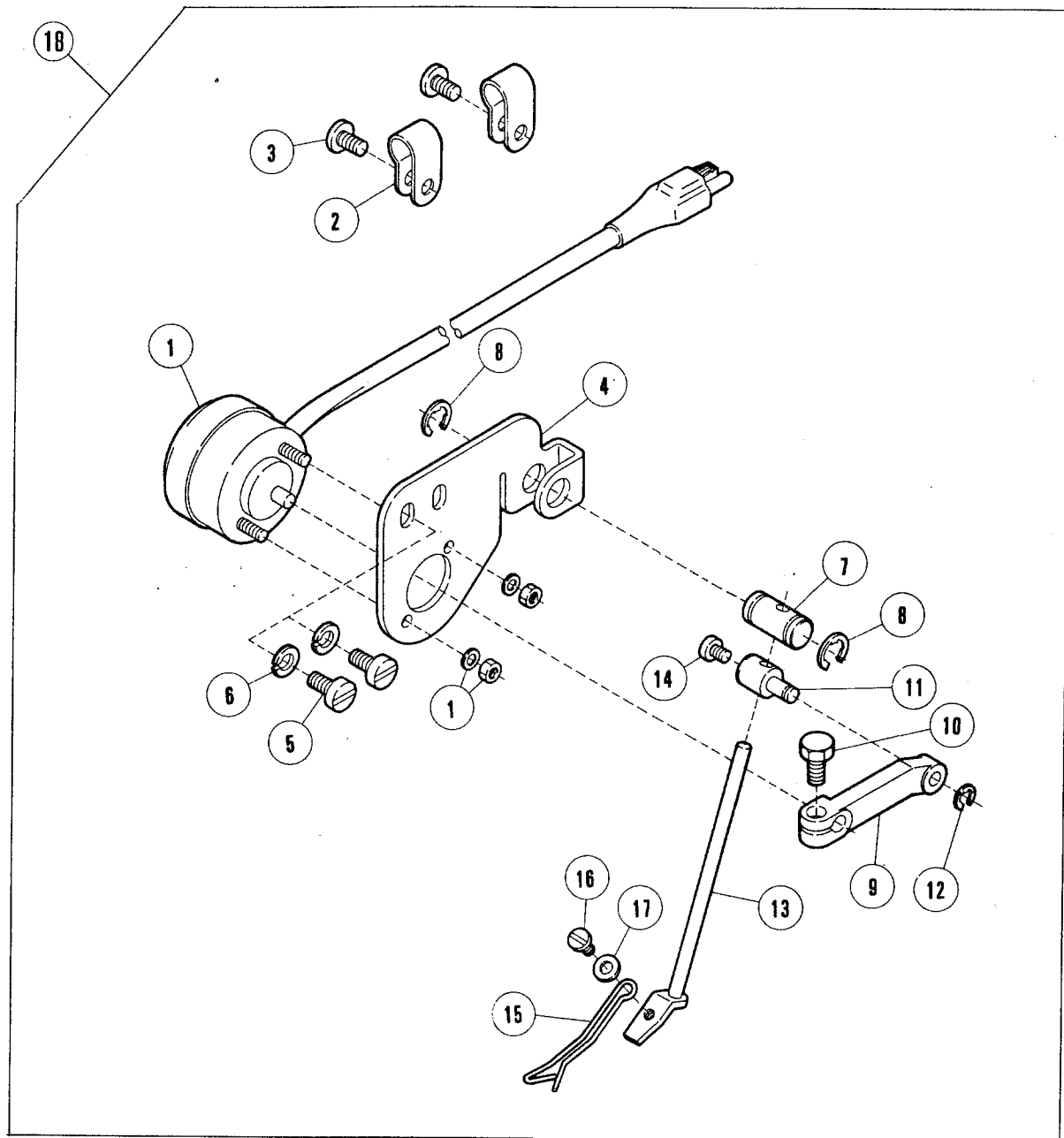
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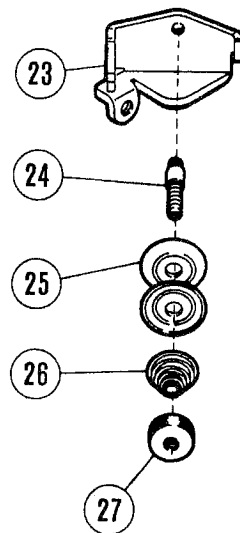
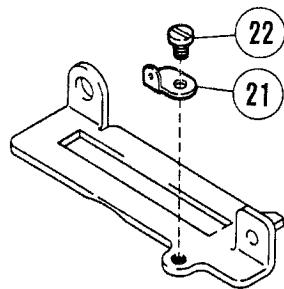
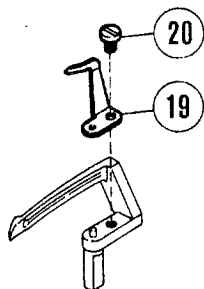
COVERS

WS42/UT·WS62/UT

REF. NO.	PART NO.	NAME	QT.	MEMO
1	306561-FD	BED COVER	1	
2	306562	GASKET	1	
3	306563	GASKET	1	
4	306606-FD	SIDE COVER	1	
5	306562	GASKET	1	
6	306563	GASKET	1	
7	306564-FD	SIDE COVER	1	
8	306565-FD	AUXILIARY PLATE	1	
9	306560-FD	CLOTH PLATE	1	
10	5511-HC	SCREW	2	
11	207632-FD	SIDE COVER	1	
12	207633-FD	AUXILIARY PLATE	1	
13	306560-FD	CLOTH PLATE	1	
14	5511-HC	SCREW	2	
15	306604-FD	SIDE COVER	1	
16	306605-FD	CLOTH PLATE	1	
17	306603	LINK GUIDE	1	
18	2905	SCREW	1	
19	306851-FD	SIDE COVER	1	
20	306852-FD	CLOTH PLATE	1	
21	5511-HC	SCREW	2	
22	306929-FD	SIDE COVER	1	
23	306852-FD	CLOTH PLATE	1	
24	5511-HC	SCREW	2	
25	306964	INDICATOR	1	
26	207085	INDICATOR	1	
27	307033	INDICATOR	1	
28	5511-HC	SCREW	2	
29	306558	BRACKET	1	



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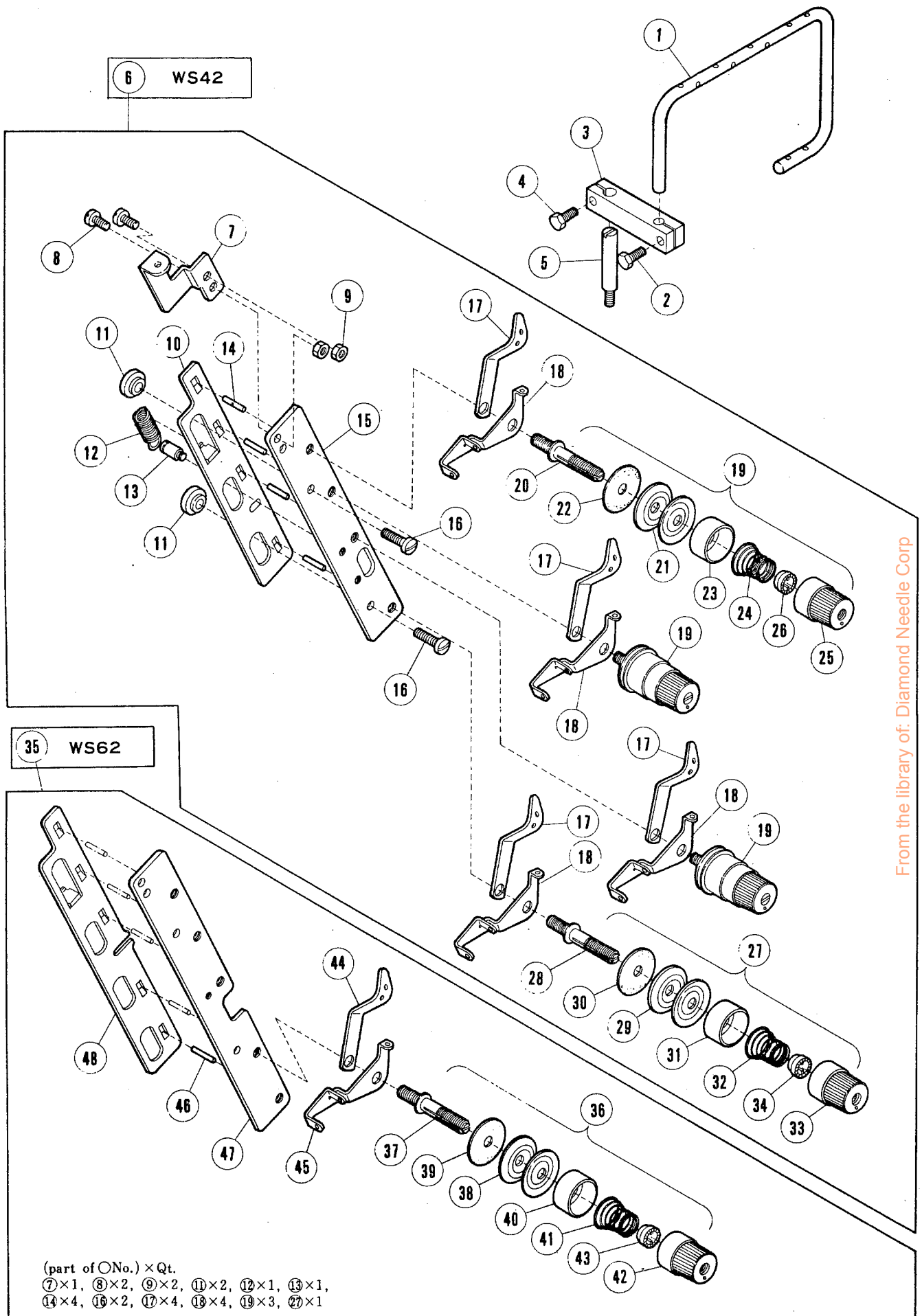


THREAD WIPER MECHANISM

WS42/UT•WS62/UT

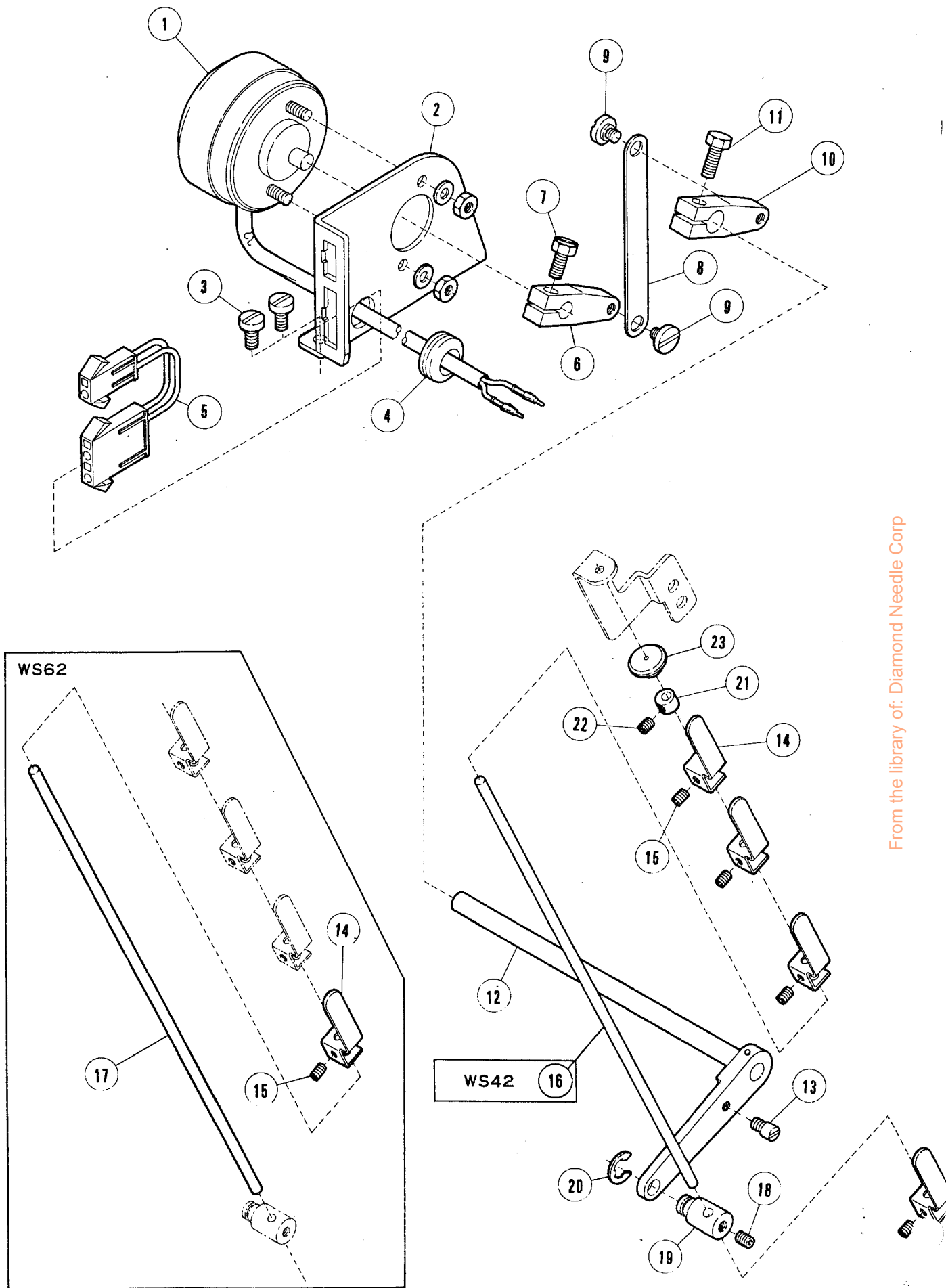
REF. NO.	PART NO.	NAME	QT.	MEMO
1	811040	SOLENOID	1	
2	748005	CLAMP	2	
3	4009-1	SCREW	2	
4	306556	BRACKET	1	
5	5117	SCREW	2	
6	201185	WASHER	2	
7	306553	GUIDE	1	
8	202522	RING	2	
9	306555	LEVER	1	
10	2193	SCREW	1	
11	306552	CONNECT PLATE	1	
12	200555	RETAINING RING	1	
13	306551	WIPER BAR	1	
14	2921	SCREW	1	
15	306550	WIPER	1	
16	1229	SCREW	1	
17	202875	WASHER	1	
18	307078	WIPER ASSEMBLY	1	

19	307004	LOOPER THREAD RETAINER	1	
20	1231	SCREW	1	
21	306788	THREAD GUIDE	1	
22	1234	SCREW	1	
23	206855	BRACKET	1	
24	306328	POST	1	
25	137108	TENSION DISC	1	
26	137109	TENSION SPRING	1	
27	5526	NUT	1	



For WS62, Thread Releaser 35 consists of those 36~48, and 6 for WS42 excluding 10 and 15.

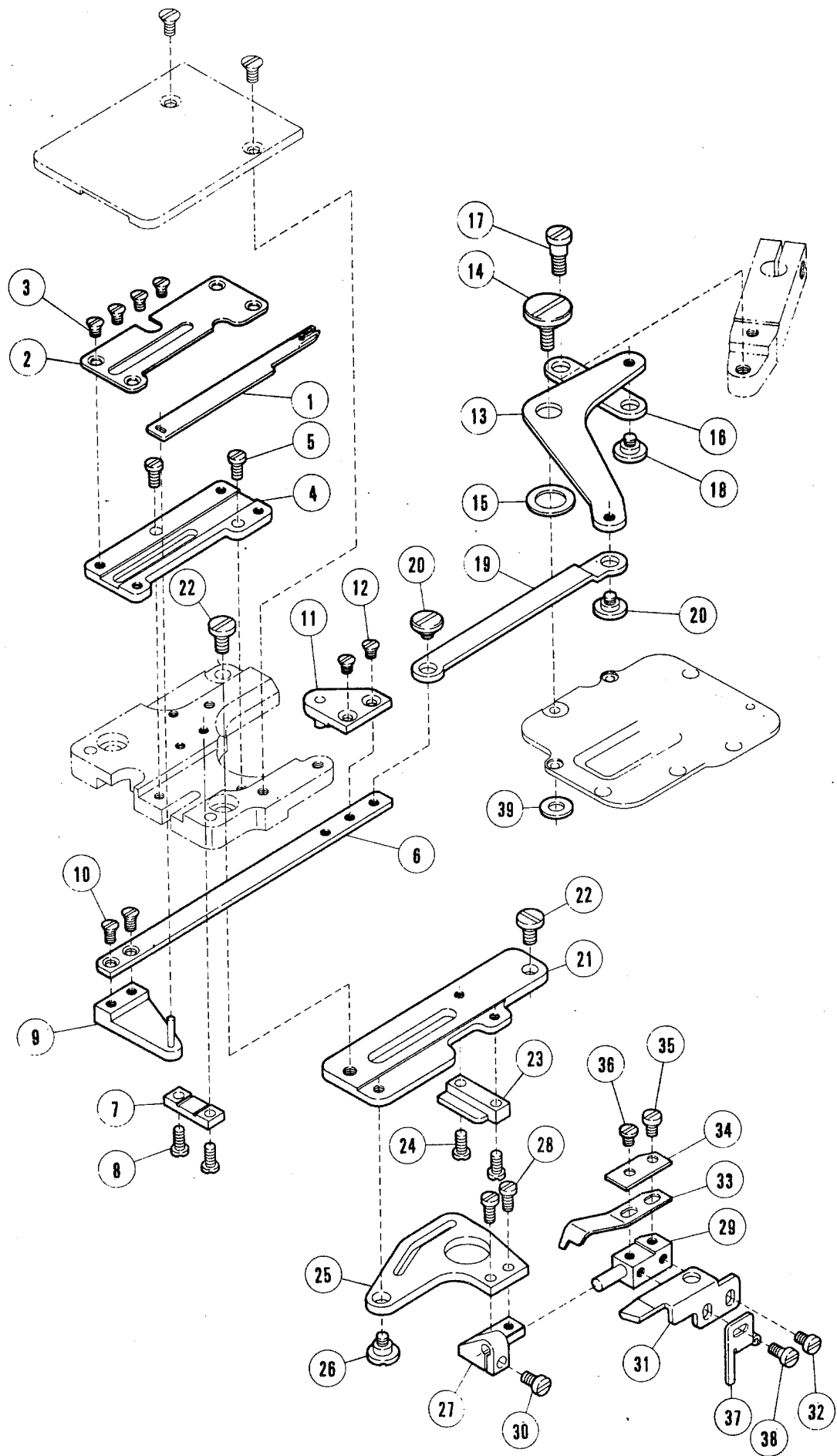
REF. NO.	PART NO.	NAME	QT.	MEMO
1	207116	THREAD GUIDE BAR	1	
2	2308	SCREW	1	
3	306308	BRACKET	1	
4	2308	SCREW	1	
5	206262	STUD	1	
6	306750	THREAD RELEASE MECHANISM	1	
7	306297	GUIDE	1	
8	5117	SCREW	2	
9	3044	NUT	2	
10	306299	THREAD RELEASE PLATE	1	
11	207115	WASHER	2	
12	306301	SPRING	1	
13	5447	LATCH SCREW	1	
14	306302	PIN	4	
15	306303	BRACKET	1	
16	5152	SCREW	2	
17	306304	LEAD-IN GUIDE	4	
18	306305	THREAD TENSION GUIDE	4	
19	207110	TENSION NUT COMPLETE (HEAVY)	3	
20	306306	POST COMPLETE	3	
21	210319	DISC	6	
22	208449	FELT	3	
23	306359	CUP	3	
24	201037	TENSION SPRING (HEAVY)	3	
25	208447	POST NUT	3	
26	208448	SPRING BUSHING	3	
27	207112	TENSION NUT COMPLETE (LIGHT)	1	
28	306306	POST COMPLETE	1	
29	210319	DISC	2	
30	208449	FELT	1	
31	306359	CUP	1	
32	201068	TENSION SPRING (LIGHT)	1	
33	208447	POST NUT	1	
34	208448	SPRING BUSHING	1	
35	306749	THREAD RELEASE MECHANISM	1	
36	207111	TENSION NUT COMPLETE (MEDIUM)	1	
37	306306	POST COMPLETE	1	
38	210319	DISC	2	
39	208449	FELT	1	
40	306359	CUP	1	
41	201086	TENSION SPRING (MEDIUM)	1	
42	208447	POST NUT	1	
43	208448	SPRING BUSHING	1	
44	306304	LEAD-IN GUIDE	1	
45	306305	THREAD TENSION GUIDE	1	
46	306302	PIN	1	
47	207114	TENSION NUT BRACKET	1	
48	207113	THREAD TENSION RELEASE PLATE	1	



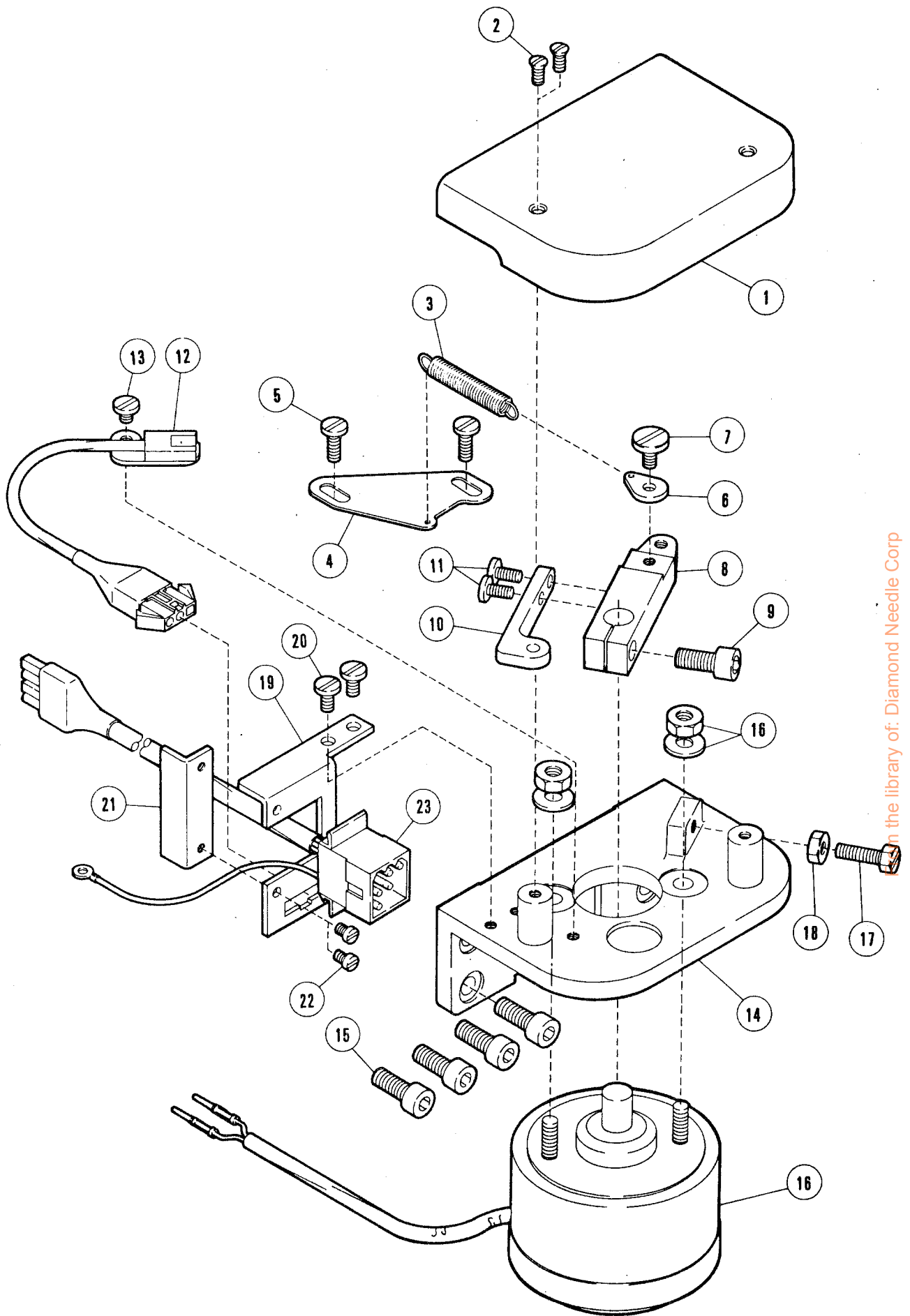
THREAD RELEASE MECHANISM

WS42/UT•WS62/UT

REF. NO.	PART NO.	NAME	QT.	MEMO
1	811038	SOLENOID	1	
2	306539	BRACKET	1	
3	5117	SCREW	2	
4	747002	RUBBER BUSHING	1	
5	742091	EXTENSION CORD	1	
6	306540	LEVER	1	
7	5238	SCREW	1	
8	306541	CONNECT PLATE	1	
9	5256	SCREW	2	
10	306291	LEVER	1	
11	2308	SCREW	1	
12	306746	CRANK	1	
13	5382	SCREW	1	
14	306294	TENSION RELEASE HOOK	4	
15	5408	SCREW	4	
16	306295	TENSION RELEASE ROD	1	
17	306748	TENSION RELEASE ROD	1	
18	5461	SCREW	1	
19	306296	CONNECT PLATE	1	
20	202522	RING	1	
21	306073	COLLAR	1	
22	5408	SCREW	1	
23	306298	RUBBER	1	



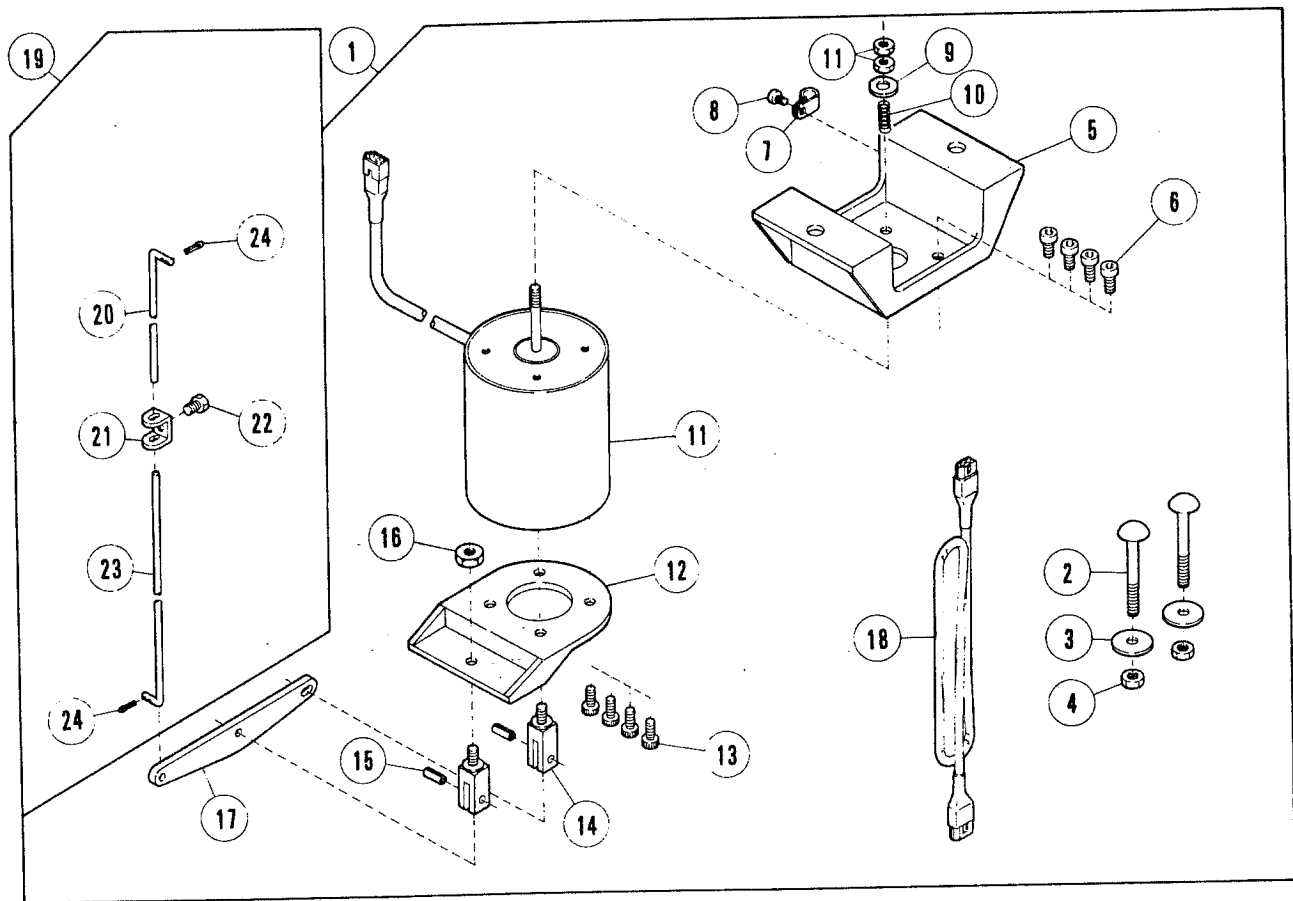
REF. NO.	PART NO.	NAME	QT.	MEMO
1	306510	LEFT KNIFE	1	
2	306512	LEFT KNIFE GUIDE	1	
3	5446	SCREW	4	
4	306511	BRACKET	1	
5	5359	SCREW	2	
6	306515	CONNECT PLATE	1	
7	306516	GUIDE	1	
8	5359	SCREW	2	
9	306513	DRIVE LEVER	1	
10	5437	SCREW	2	
11	306525	DRIVE BLOCK	1	
12	5480	SCREW	2	
13	306529	LEVER/KNIFE DRIVE	1	
14	5509	SCREW	1	
15	205060	THRUST WASHER	1	
16	306997	LINK	1	
17	5134	SCREW	1	
18	5508	SCREW	1	
19	306528	LINK/KNIFE DRIVE	1	
20	5508	SCREW	2	
21	306524	BRACKET	1	
22	4009-1	SCREW	2	
23	306523	GUIDE	1	
24	5359	SCREW	2	
25	306522	DRIVE PLATE	1	
26	5510	SCREW	1	
27	306521	BRACKET	1	
28	5359	SCREW	2	
29	306520	RIGHT KNIFE POSITIONER	1	
30	5328	SCREW	1	
31	306517	RIGHT KNIFE	1	
32	1229	SCREW	1	
33	306518	FLAT SPRING	1	
34	306519	RETAINER	1	
35	1229	SCREW	1	
36	1227	SCREW	1	
37	306963	LOOPER THREAD TAKEUP	1	
38	5089	SCREW	1	
39	307003	WASHER	1	



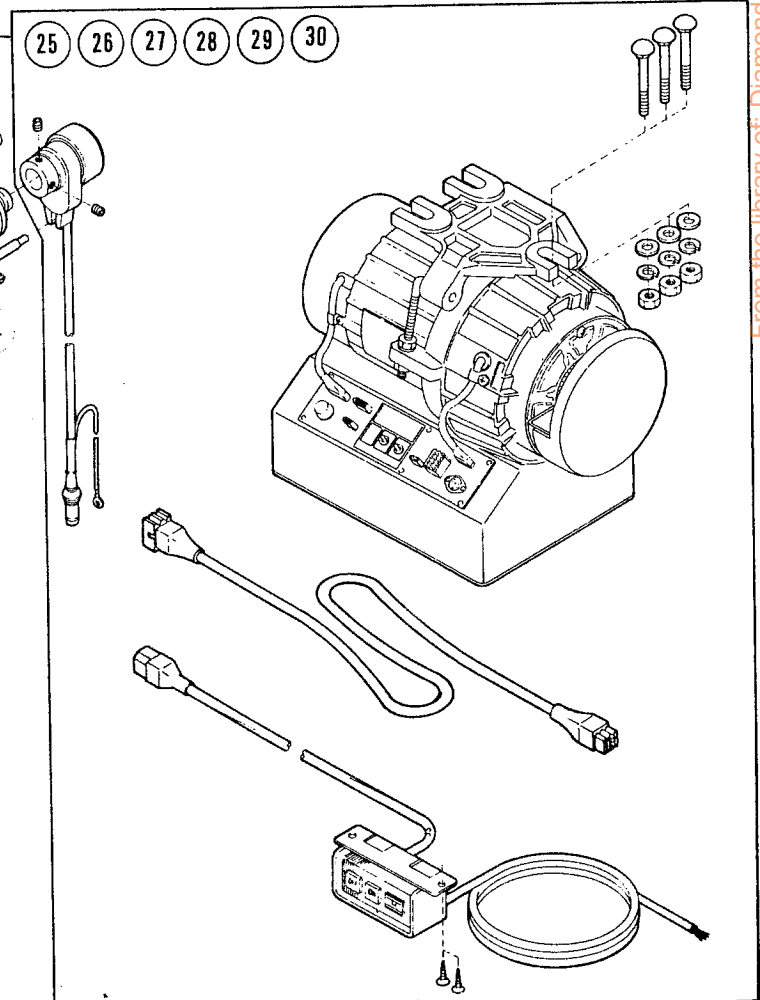
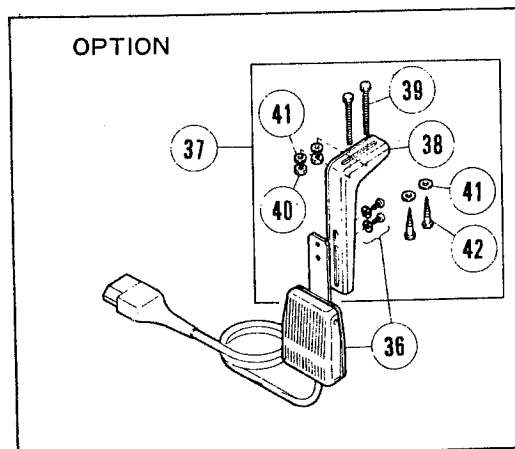
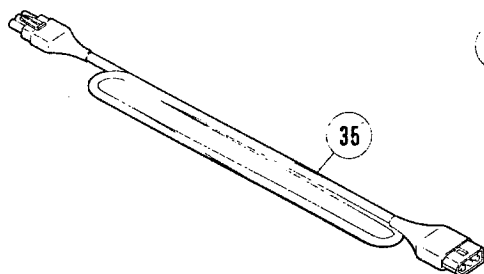
THREAD TRIMMING MECHANISM (2)

WS42/UT•WS62/UT

REF. NO.	PART NO.	NAME	QT.	MEMO
1	307002-FD	COVER	1	
2	5107	SCREW	2	
3	306532	SPRING	1	
4	306533	ADJUST PLATE	1	
5	5345	SCREW	2	
6	306534	LATCH	1	
7	205056A	SCREW	1	
8	306998	LEVER/SOLENOID	1	
9	5381	SCREW	1	
10	306999	MAGNET HOLDER	1	
11	5482	SCREW	2	
12	716012	DETECTOR	1	
13	2905	SCREW	1	
14	307001-FD	BRACKET	1	
15	5457	SCREW	4	
16	811039	SOLENOID	1	
17	5276	SCREW	1	
18	5426	NUT	1	
19	306537	BRACKET/CONNECTOR	1	
20	4009-1	SCREW	2	
21	306538	HOLDER/CONNECTOR	1	
22	5157	SCREW	2	
23	742149	EXTENSION CORD	1	

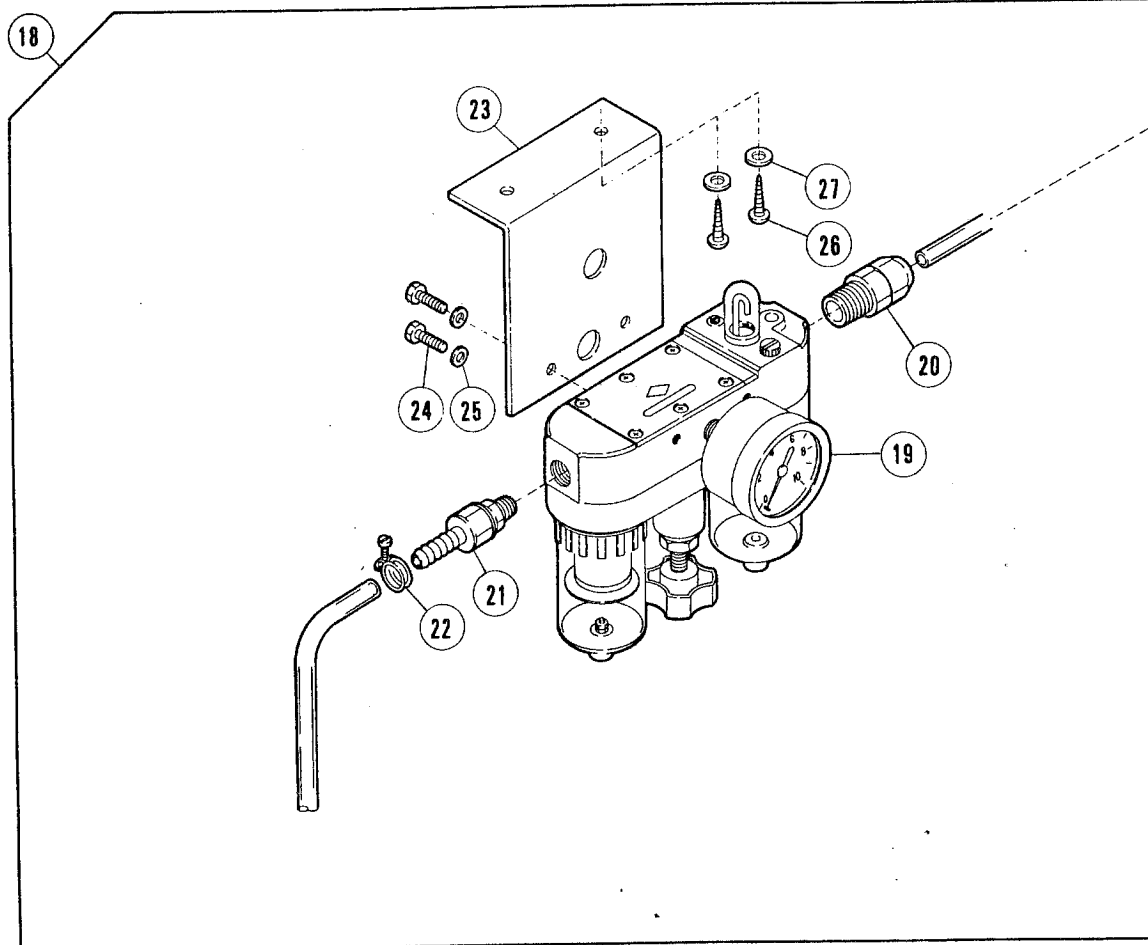
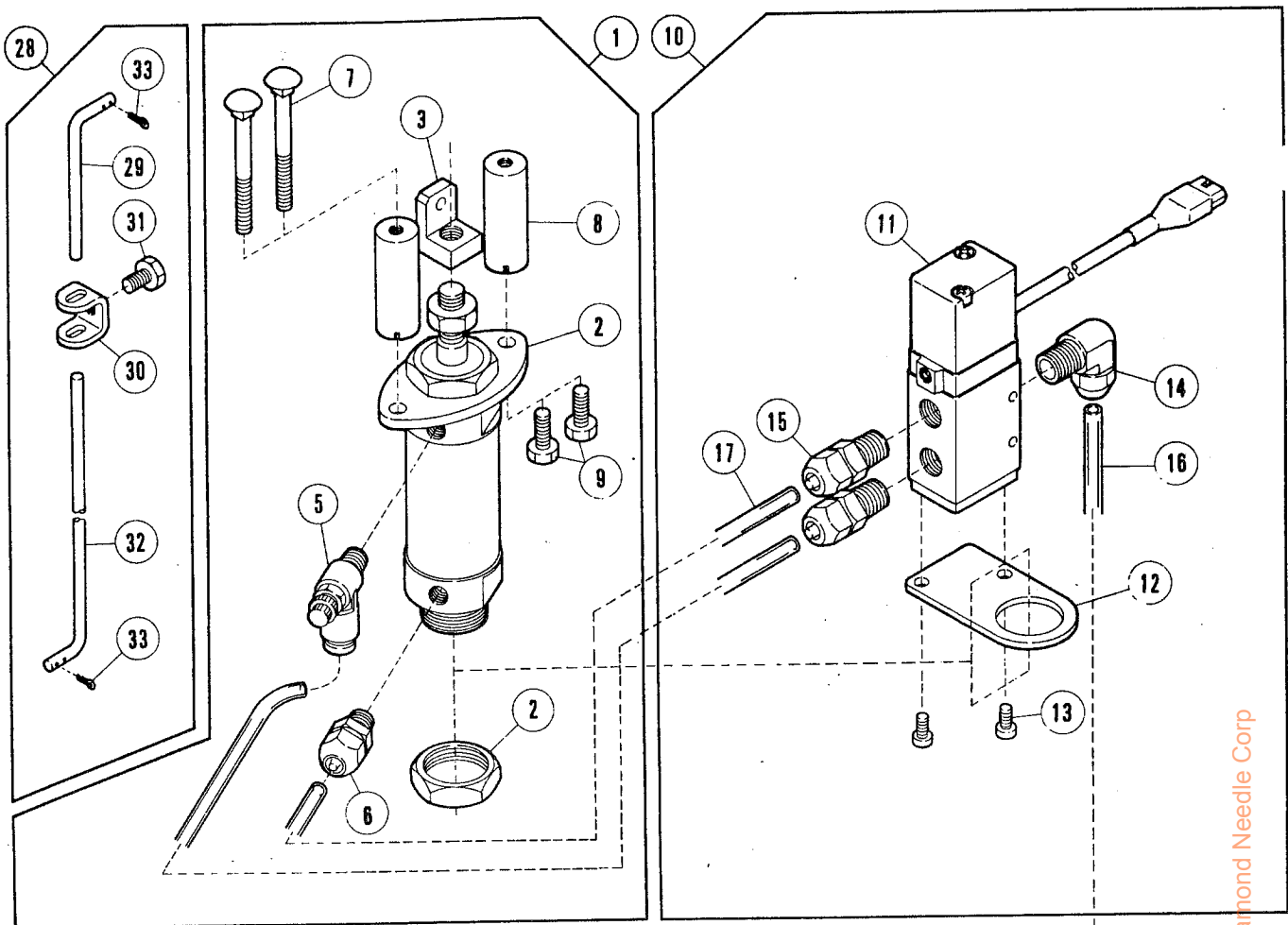


1 ϕ	100 V	25
3 ϕ	200 V	26
3 ϕ	220 V / 380 V	27
3 ϕ	415 V	28
1 ϕ	220 V	29
1 ϕ	240 V	30



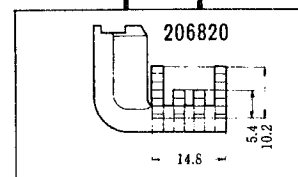
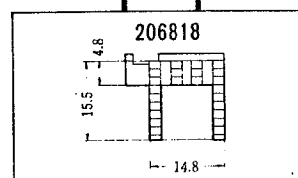
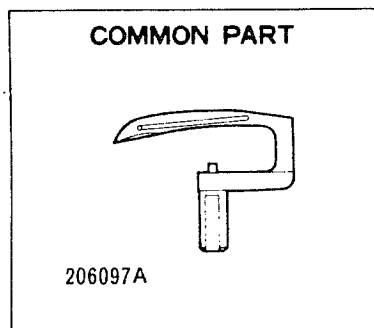
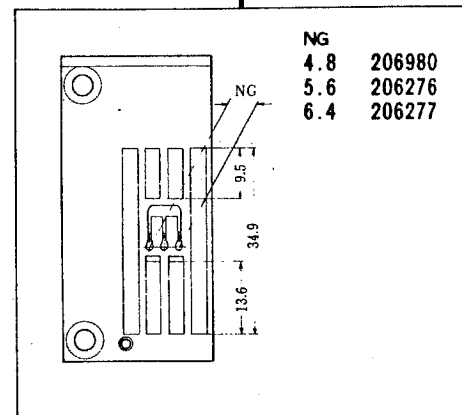
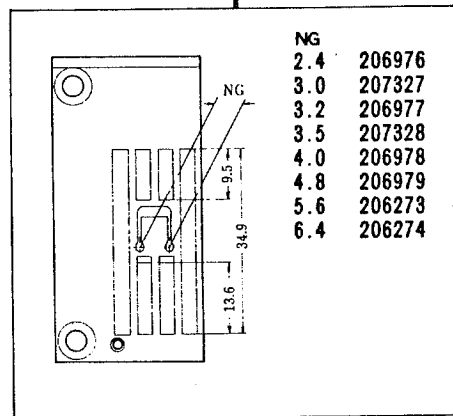
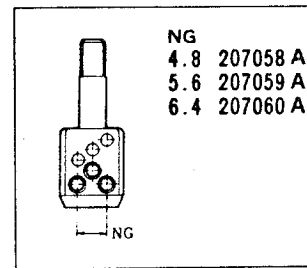
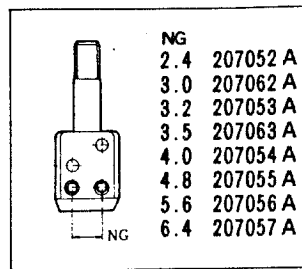
REF. NO.	PART NO.	NAME	QT.	MEMO
1	306566	ELECTRIC FOOT LIFTER	1	
	4751	BOLT	2	
3	206337	WASHER	2	
4	4808	NUT	2	
5	306334-FD	BRACKET	1	
6	4515	SCREW	4	
7	748006	CLAMP	1	
8	4009-1	SCREW	1	
9	303335	WASHER	1	
10	306339	SPRING	1	
11	811017	SOLENOID	1	
12	306335-FD	BRACKET	1	
13	4515	SCREW	4	
14	306338	KNUCKLE	2	
15	306337	SPRING PIN	2	
16	4808	NUT	1	
17	306336	LEVER	1	
18	742092	EXTENSION CORD	1	
19	306791	PITMAN ROD	1	
20	306793	ROD (SHORT)	1	
21	306792	CONNECTOR	1	
22	2022-4	SCREW	1	
23	306795	ROD (LONG)	1	
24	201166	COTTER PIN	2	

25	802009	PANA-STOP E MOTOR/100V	1	
26	802010	PANA-STOP E MOTOR/200V	1	
27	802011	PANA-STOP E MOTOR/220/380V	1	
28	802012	PANA-STOP E MOTOR/415V	1	
29	802013	PANA-STOP E MOTOR/220V	1	
30	802014	PANA-STOP E MOTOR/240V	1	
31	306577	ADAPTOR	1	
32	4114	SCREW	3	
33	306557	STUD	1	
34	5234	SCREW	1	
35	742089	EXTENSION CORD	1	
36	708004	KNEE SWITCH ASSEMBLY	1	
37	303010	BRACKET ASSEMBLY	1	
38	197	BRACKET	1	
39	4300	SCREW	2	
40	4805	NUT	2	
41	204585	WASHER	2	
42	4910	SCREW	2	

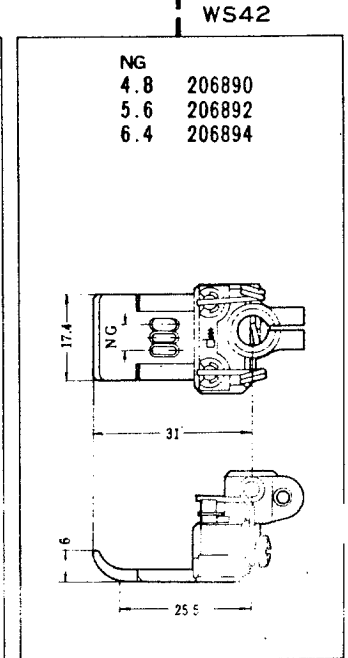
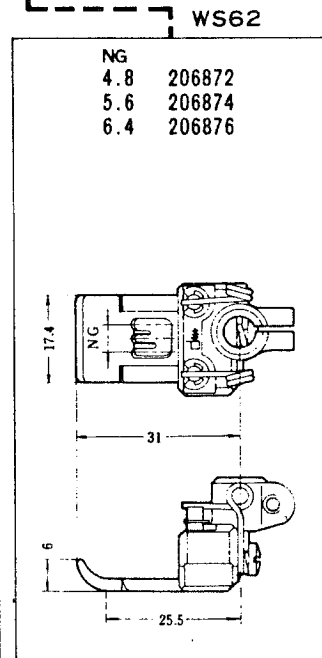
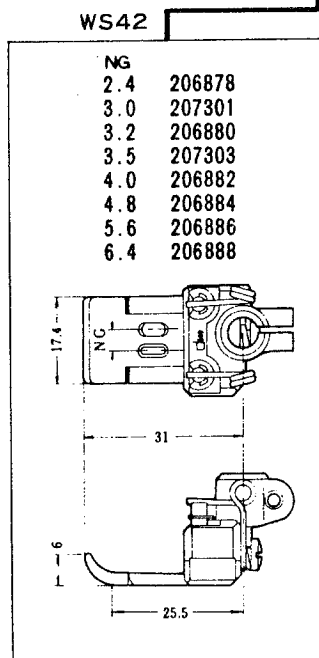
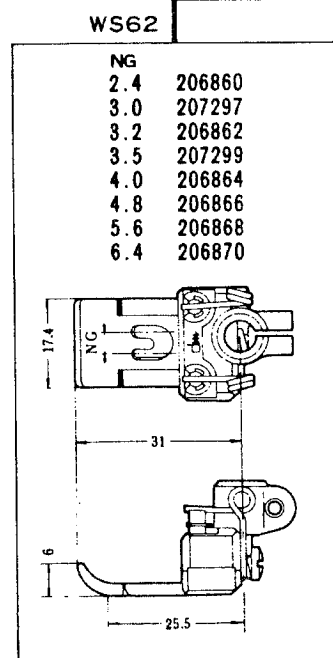


REF. NO.	PART NO.	NAME	QT.	MEMO
1	513018	AIR CYLINDER ASSEMBLY	1	
2	513019	AIR CYLINDER	1	
3	306729	KNUCKLE	1	
5	527004	SPEED CONTROLLER	1	
6	601042	CONNECTOR	1	
7	4752	BOLT	2	
8	306730	NUT	2	
9	4304	SCREW	2	
10	562007	SOLENOID VALVE ASSEMBLY	1	
11	562005	SOLENOID VALVE	1	
12	306736	BRACKET	1	
13	4117	SCREW	2	
14	601030	CONNECTOR	1	
15	601029	CONNECTOR	2	
16	600016	TUBE (4X6X750)	1	
17	600008	TUBE	2	
18	595003	LUB-UNIT ASSEMBLY	1	
19	595001	LUB-UNIT ASSEMBLY	1	
20	601029	CONNECTOR	1	
21	601049	CONNECTOR	1	
22	608002	HOSE BAND	1	
23	300215	BRACKET	1	
24	4012	SCREW	2	
25	300291	SPRING WASHER	2	
26	4901	SCREW	2	
27	204585	WASHER	2	
28	306790	PITMAN ROD	1	
29	306793	ROD (SHORT)	1	
30	306792	CONNECTOR	1	
31	2022-4	SCREW	1	
32	306794	ROD (MEDIUM)	1	
33	201166	COTTER PIN	2	

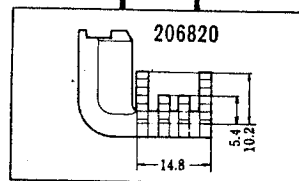
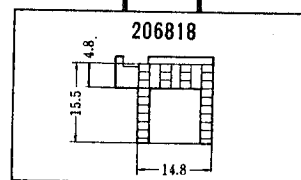
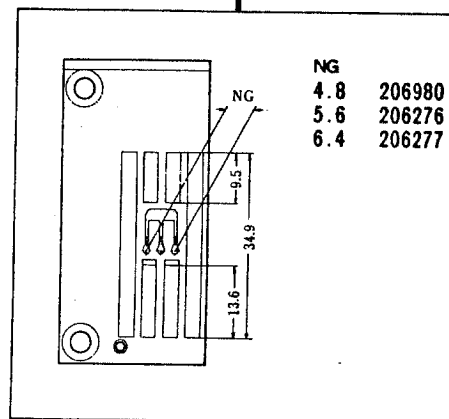
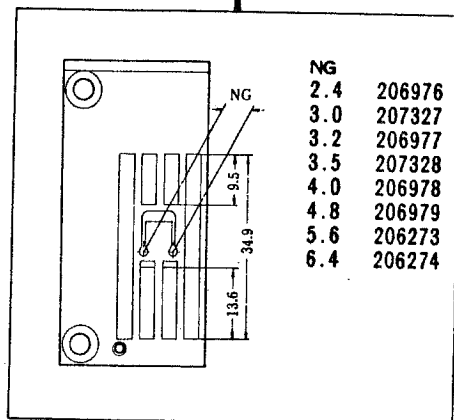
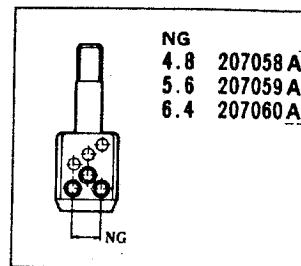
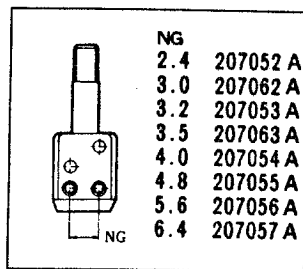
NG=Needle Gauge



Fixed type.



NG=Needle Gauge



Hinged type.
With shoes.

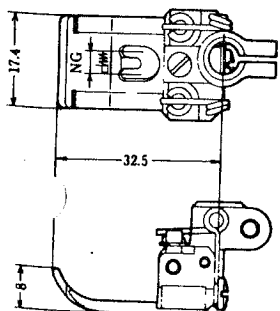
WS62

WS42

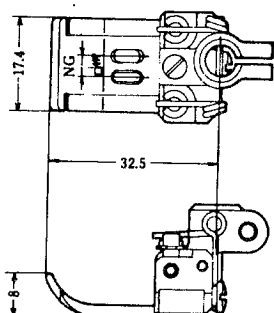
WS62

WS42

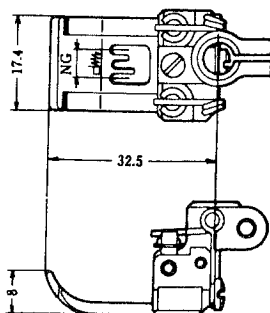
NG	Part Number
2.4	207564
3.0	207566
3.2	207568
3.5	207570
4.0	207572
4.8	207574
5.6	207576
6.4	207578



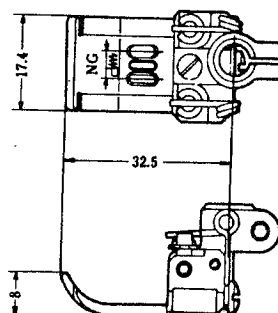
NG	Part Number
2.4	207586
3.0	207588
3.2	207590
3.5	207592
4.0	207594
4.8	207596
5.6	207598
6.4	207600



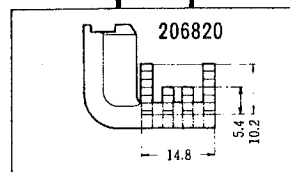
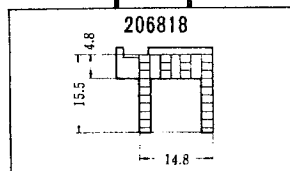
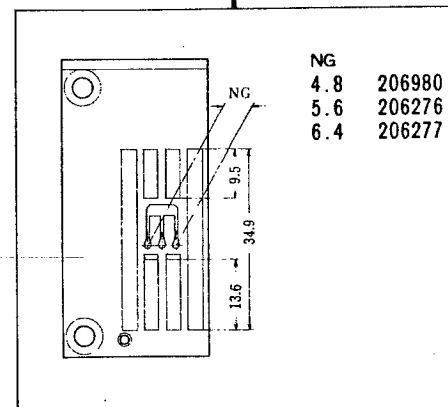
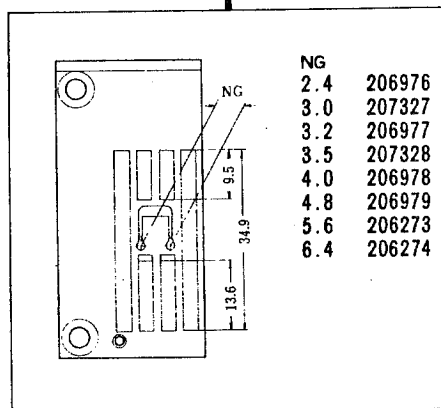
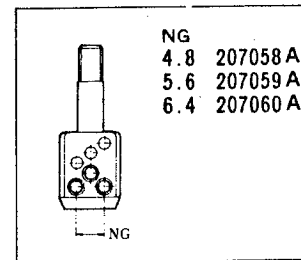
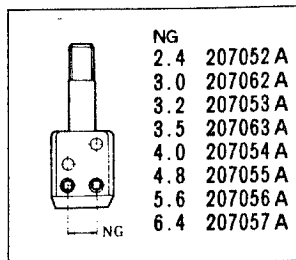
NG	Part Number
4.8	207580
5.6	207582
6.4	207584



NG	Part Number
4.8	207602
5.6	207604
6.4	207606



NG=Needle Gauge



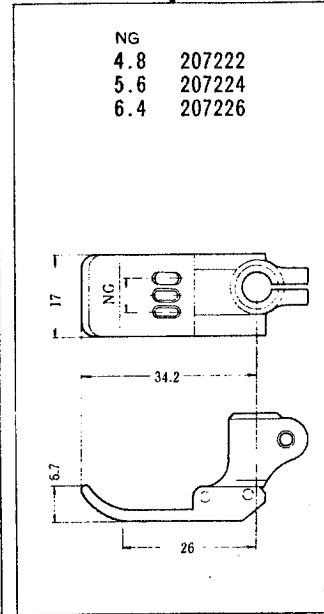
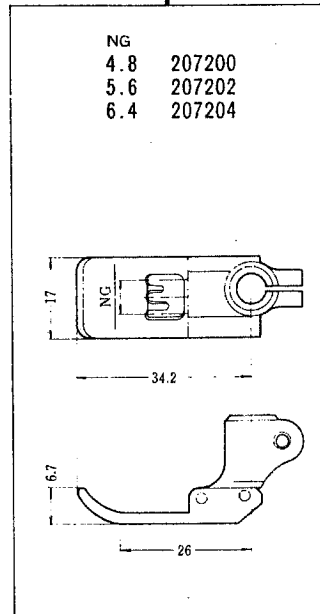
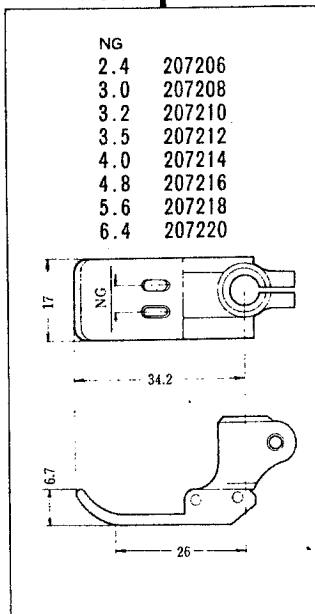
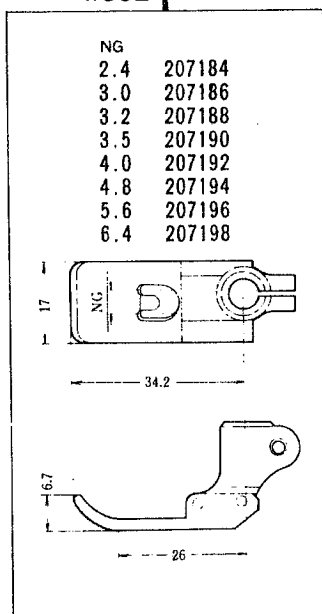
Hinged type.
Without shoes.

WS62

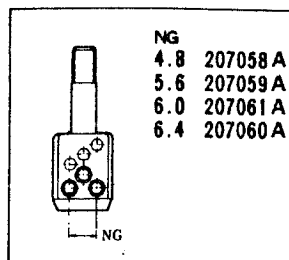
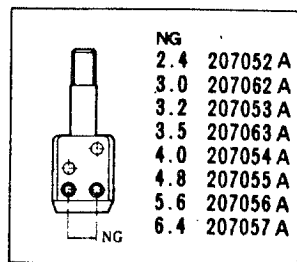
WS42

WS62

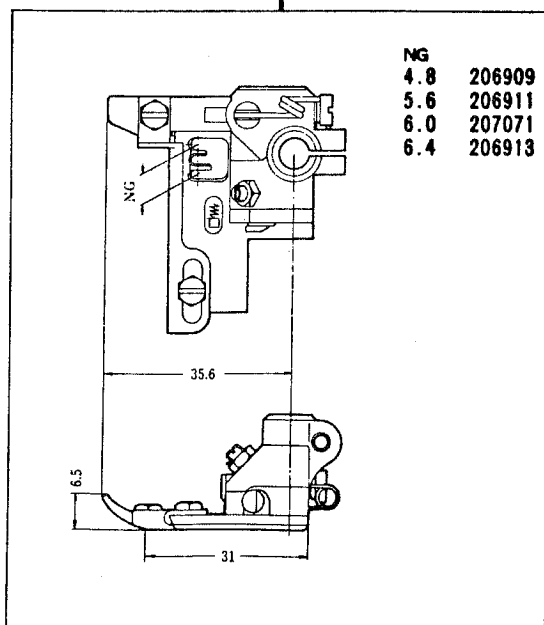
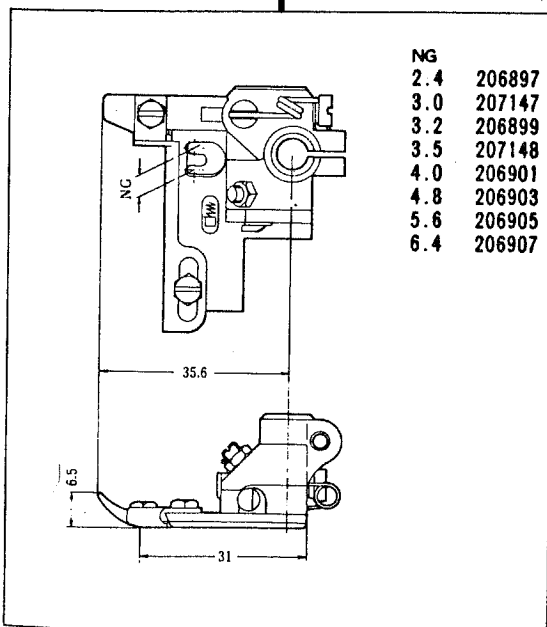
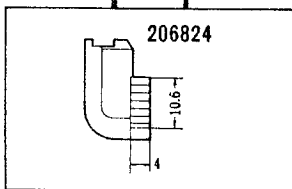
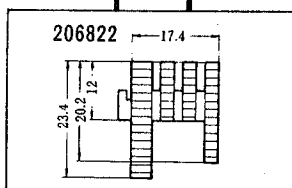
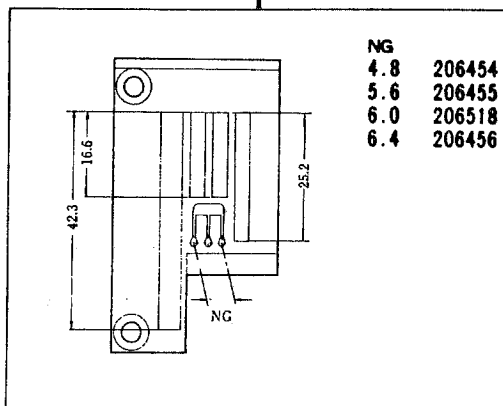
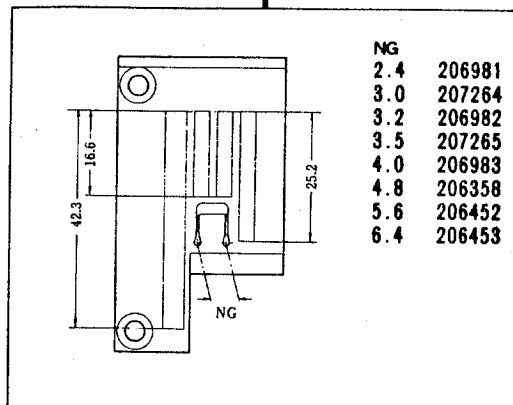
WS42



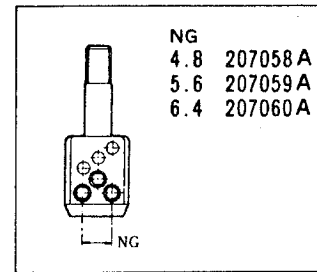
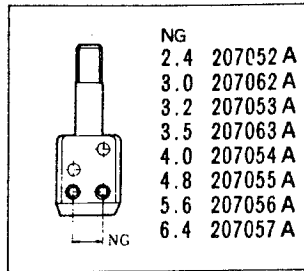
NG=Needle Gauge



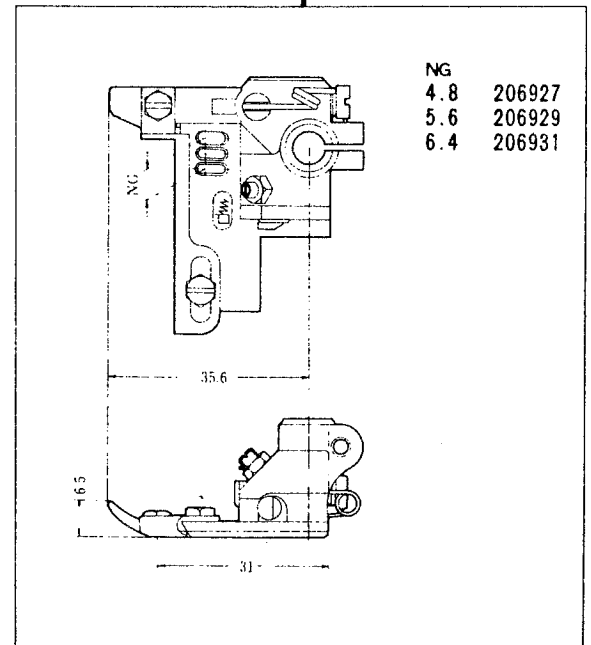
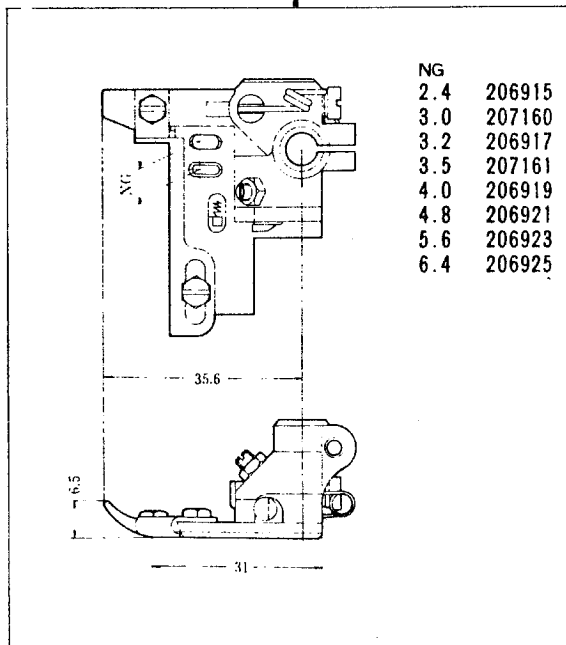
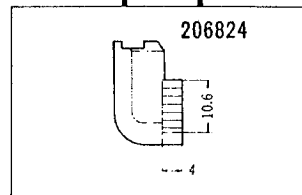
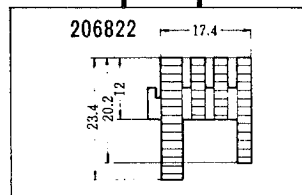
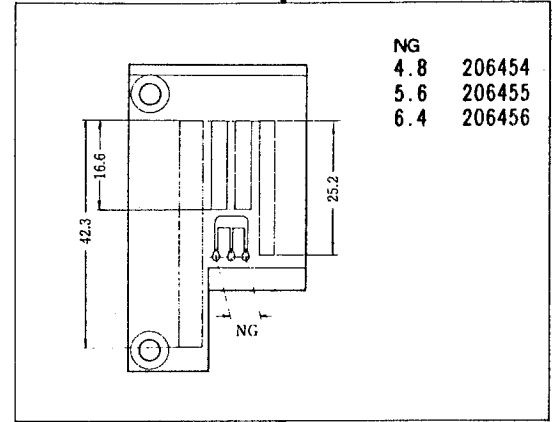
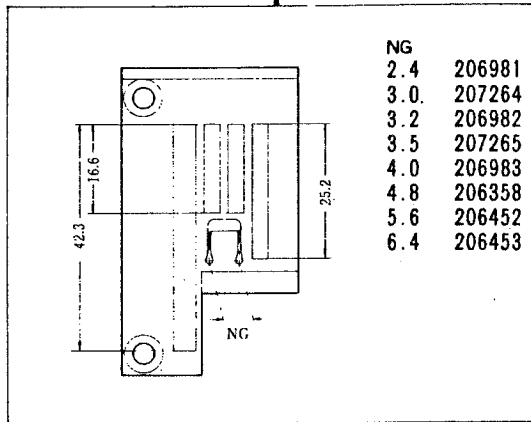
See page 110



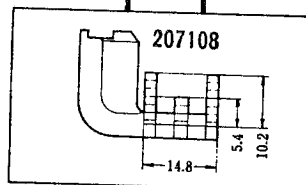
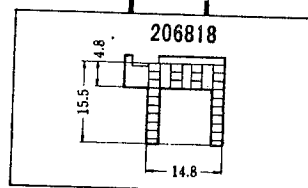
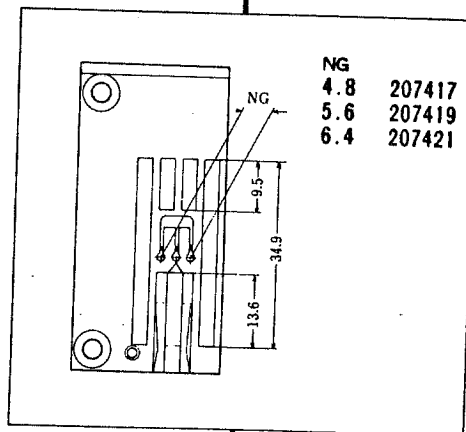
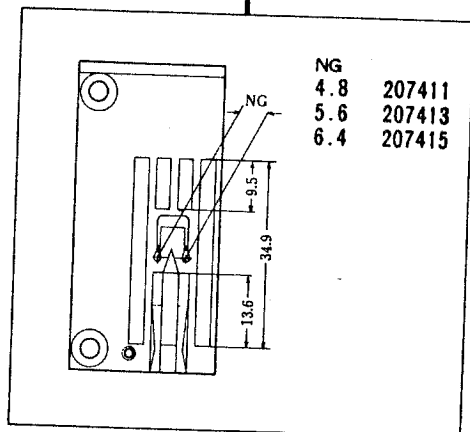
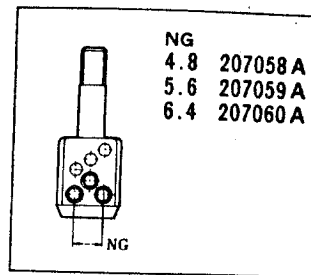
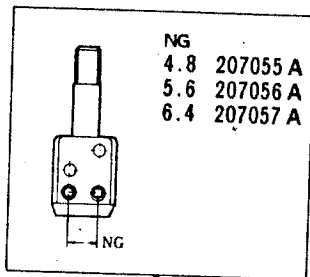
NG=Needle Gauge



See page 110



NG=Needle Gauge



Narrow

Fixed type.

WS62

WS42

WS62

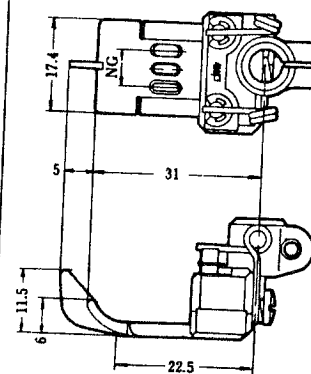
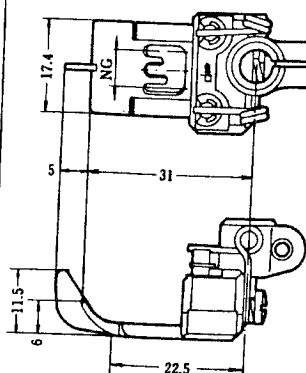
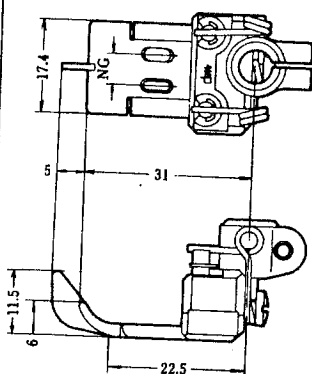
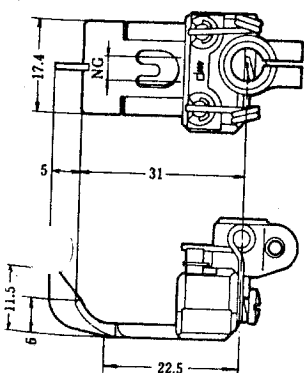
WS42

NG
4.8 207086
5.6 207088
6.4 207090

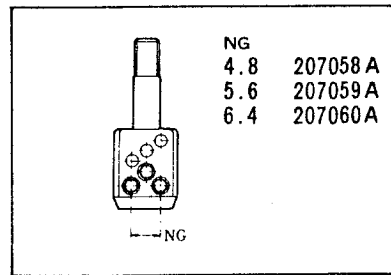
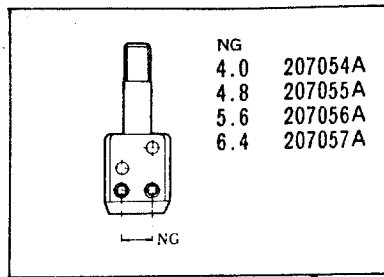
NG
4.8 207096
5.6 207098
6.4 207100

NG
4.8 207293
5.6 207092
6.4 207094

NG
4.8 207295
5.6 207102
6.4 207104



NG=Needle Gauge

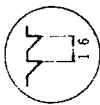
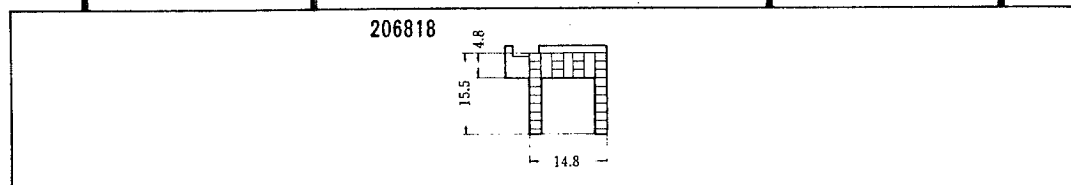
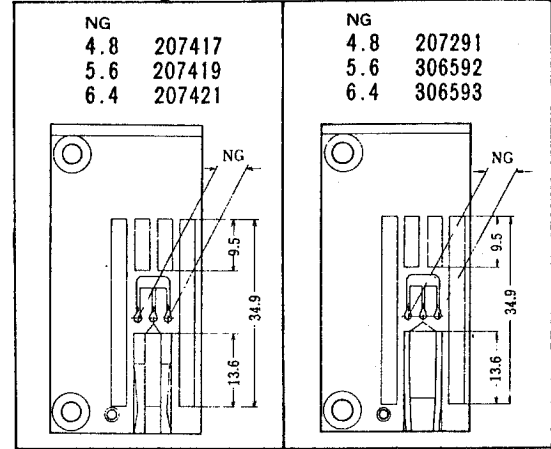
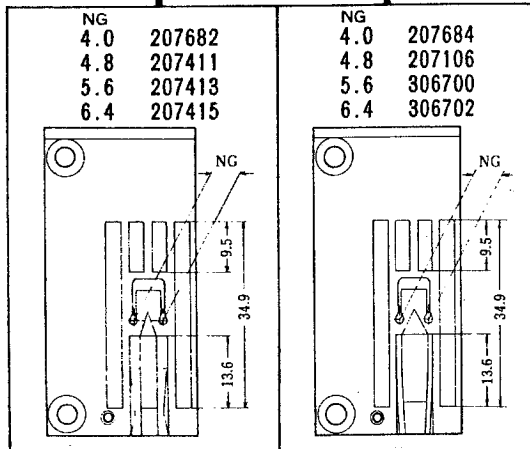


-03A

-03B

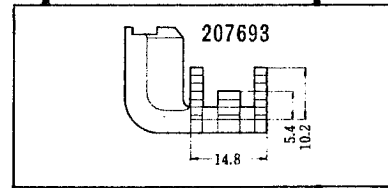
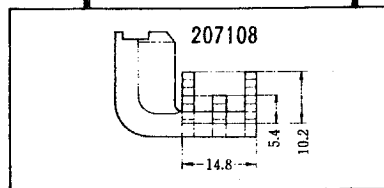
-03A

-03B



Narrow

Wide

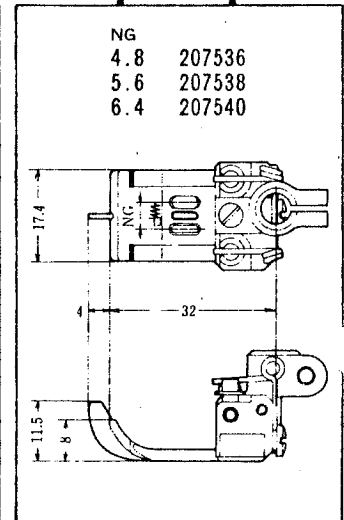
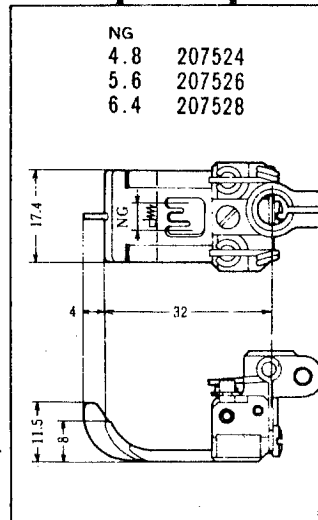
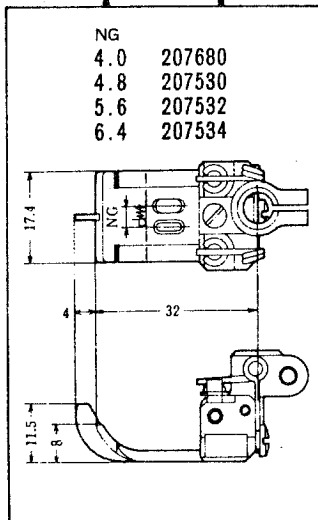
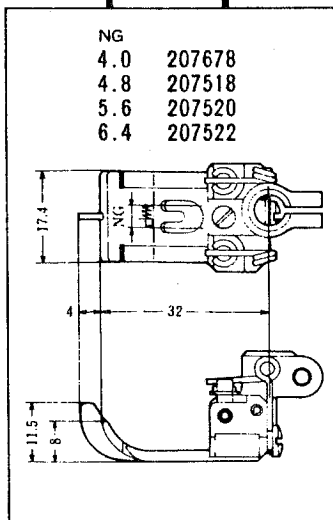


WS62

WS42

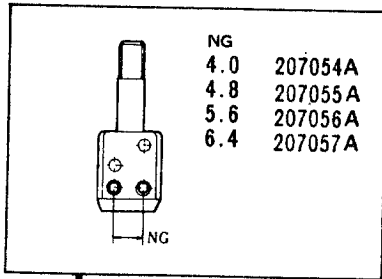
WS62

WS42



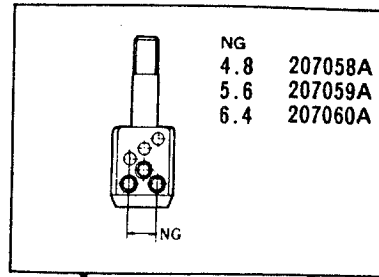
Hinged type.
With shoes.

NG = Needle Gauge



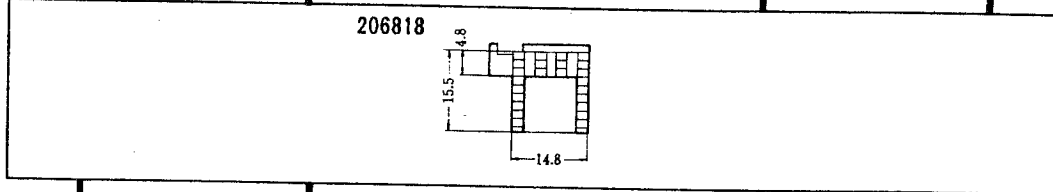
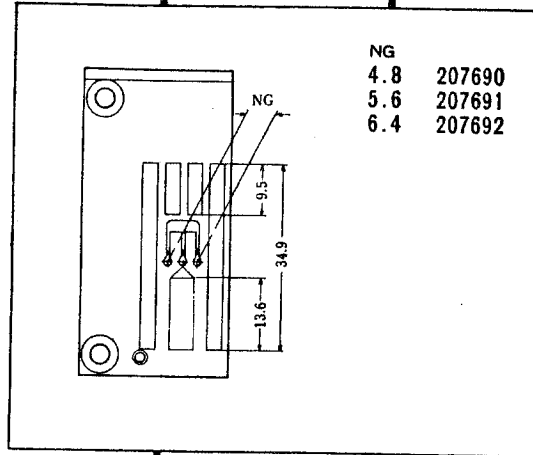
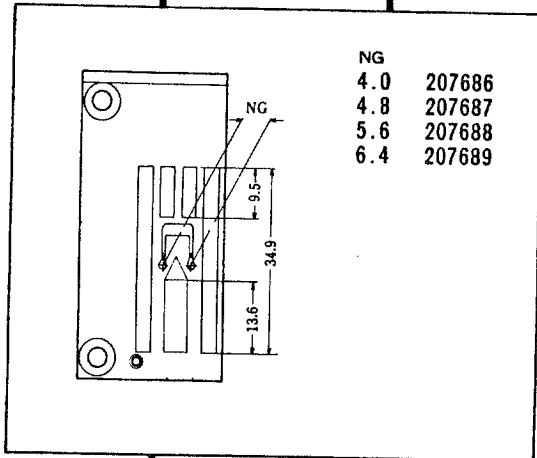
-03C

-03D



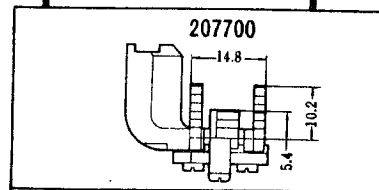
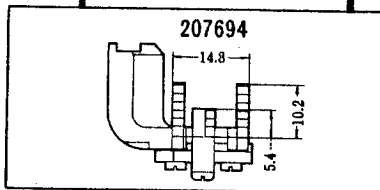
-03C

-03D



Narrow

Wide



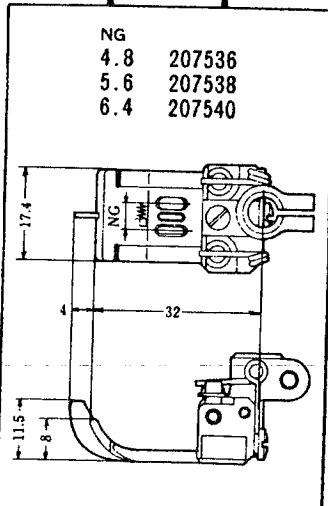
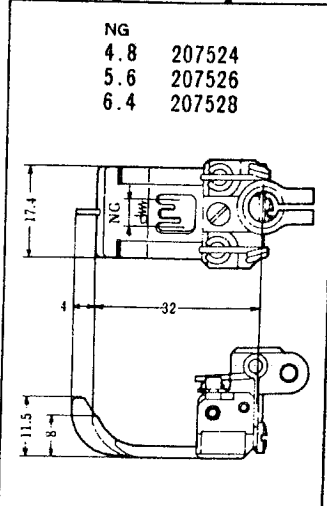
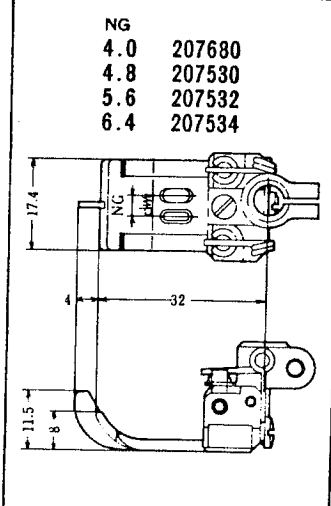
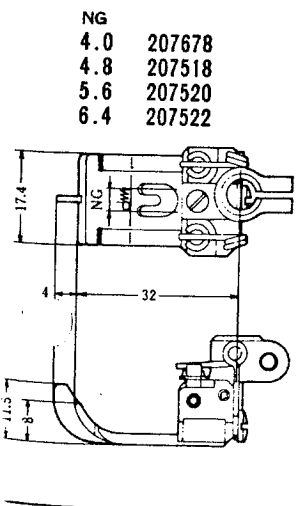
WS62

WS42

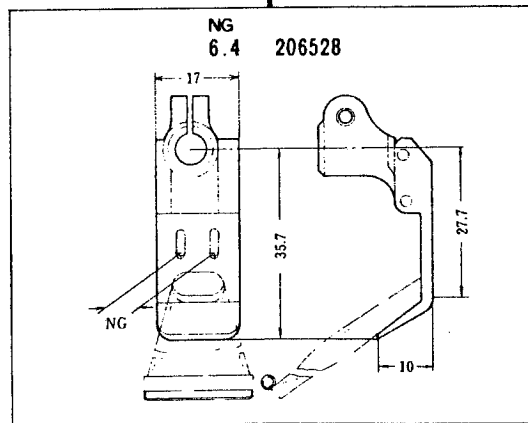
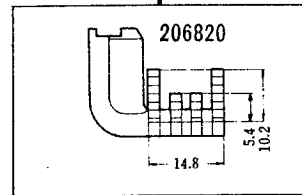
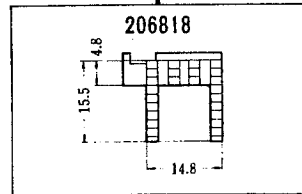
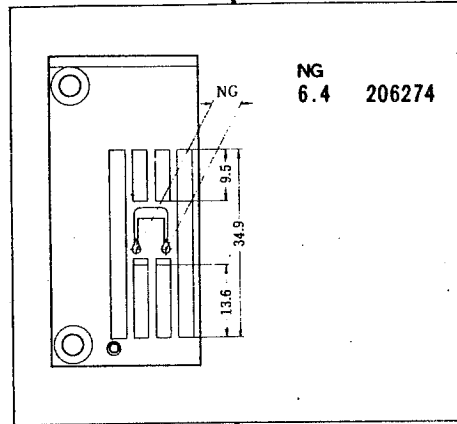
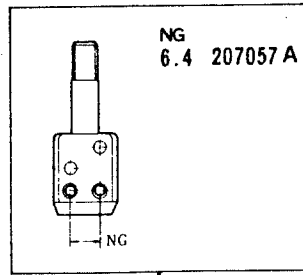
WS62

WS42

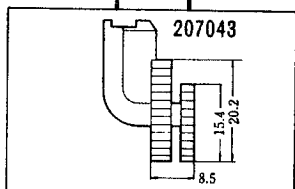
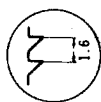
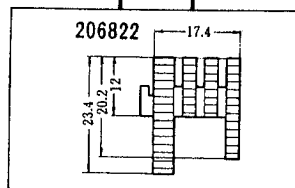
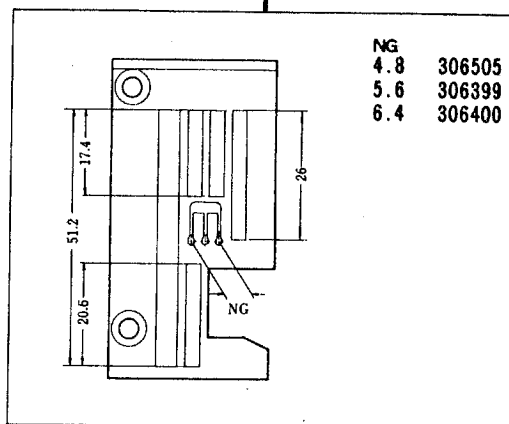
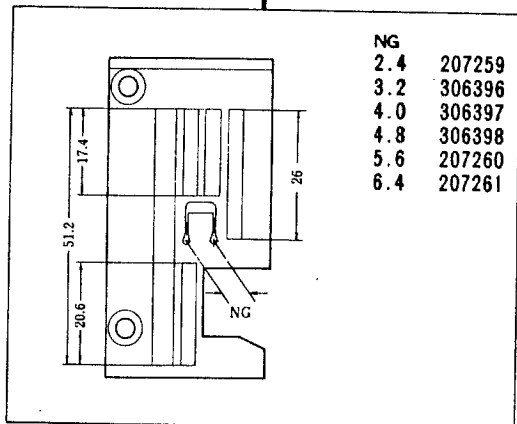
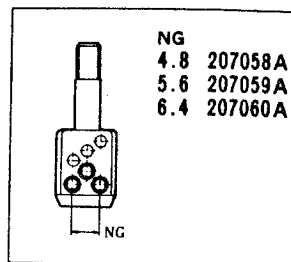
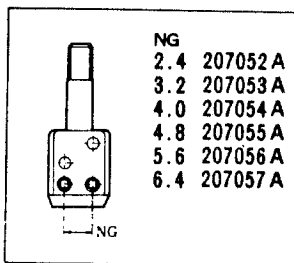
Hinged type.
With shoes.



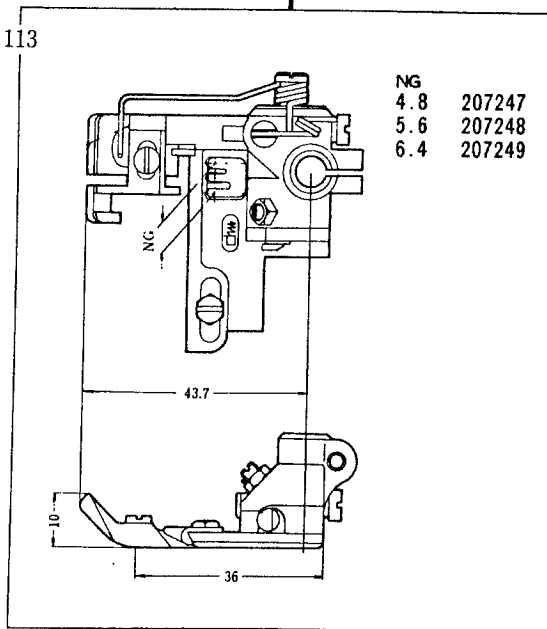
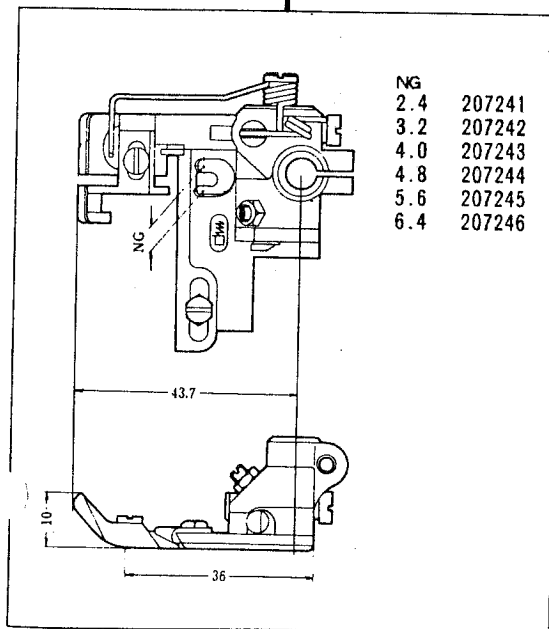
NG=Needle Gauge



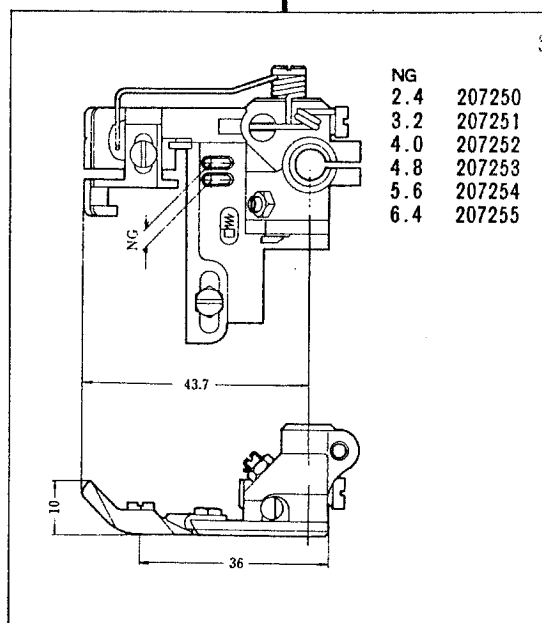
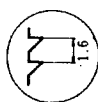
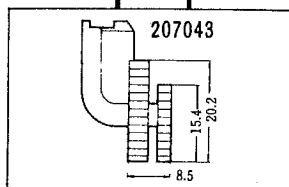
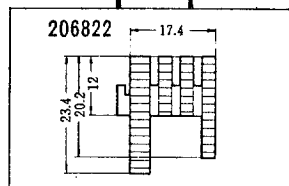
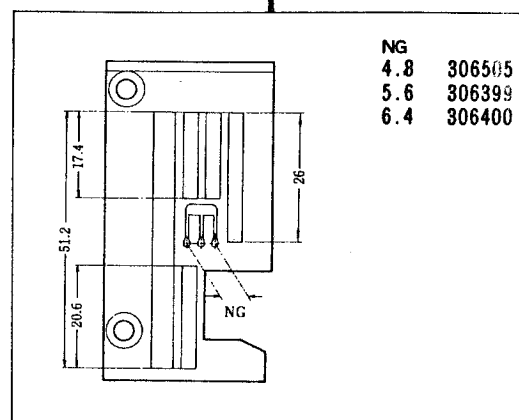
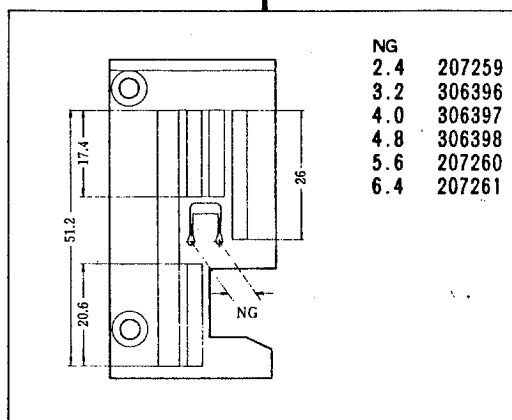
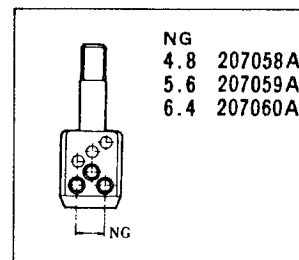
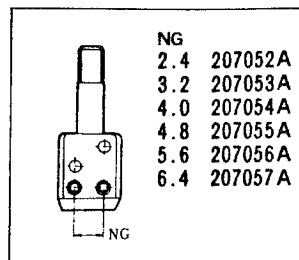
NG=Needle Gauge



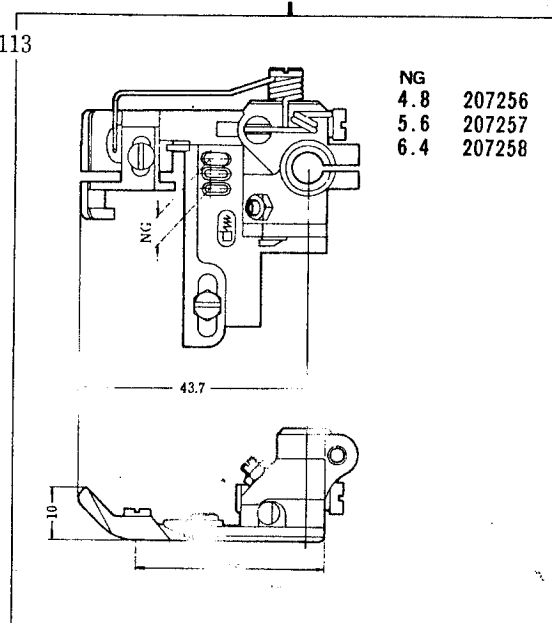
See page 113



NG=Needle Gauge



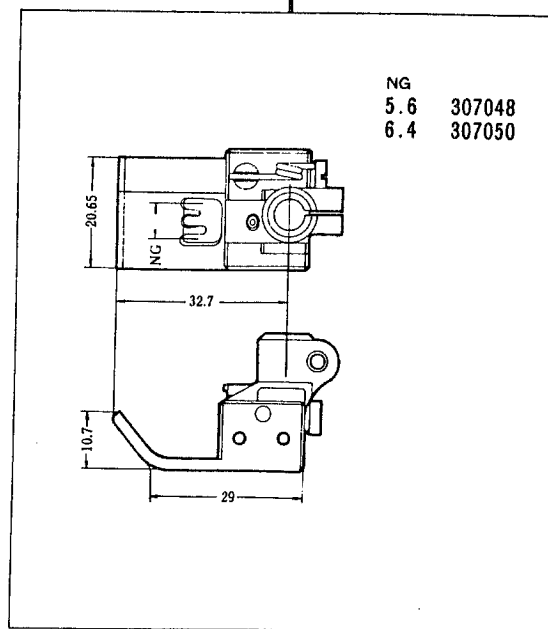
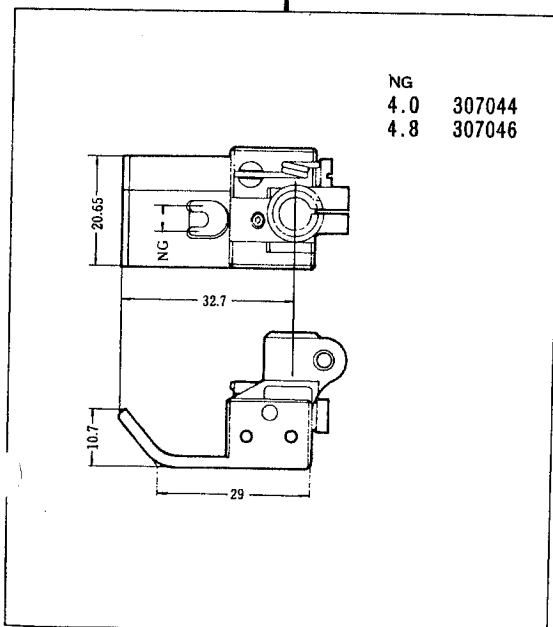
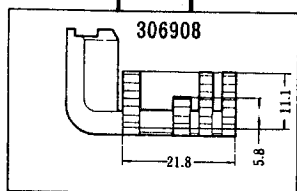
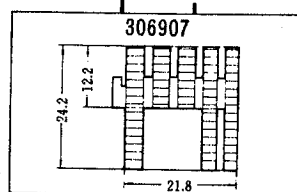
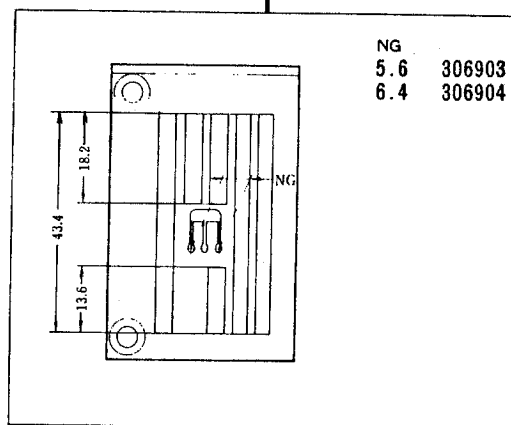
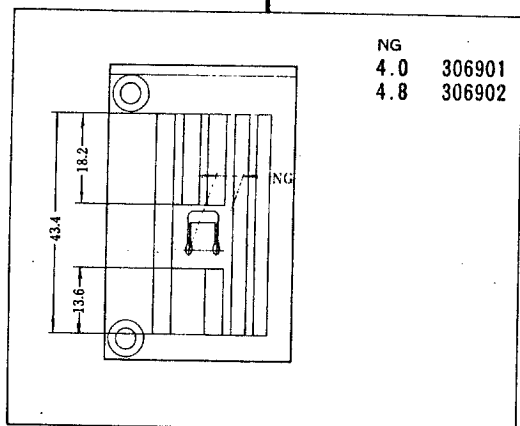
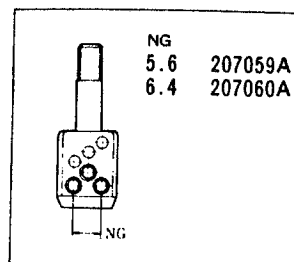
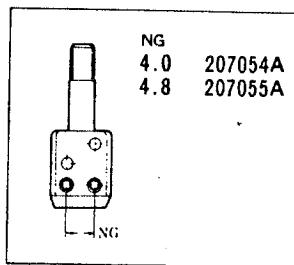
See page 113



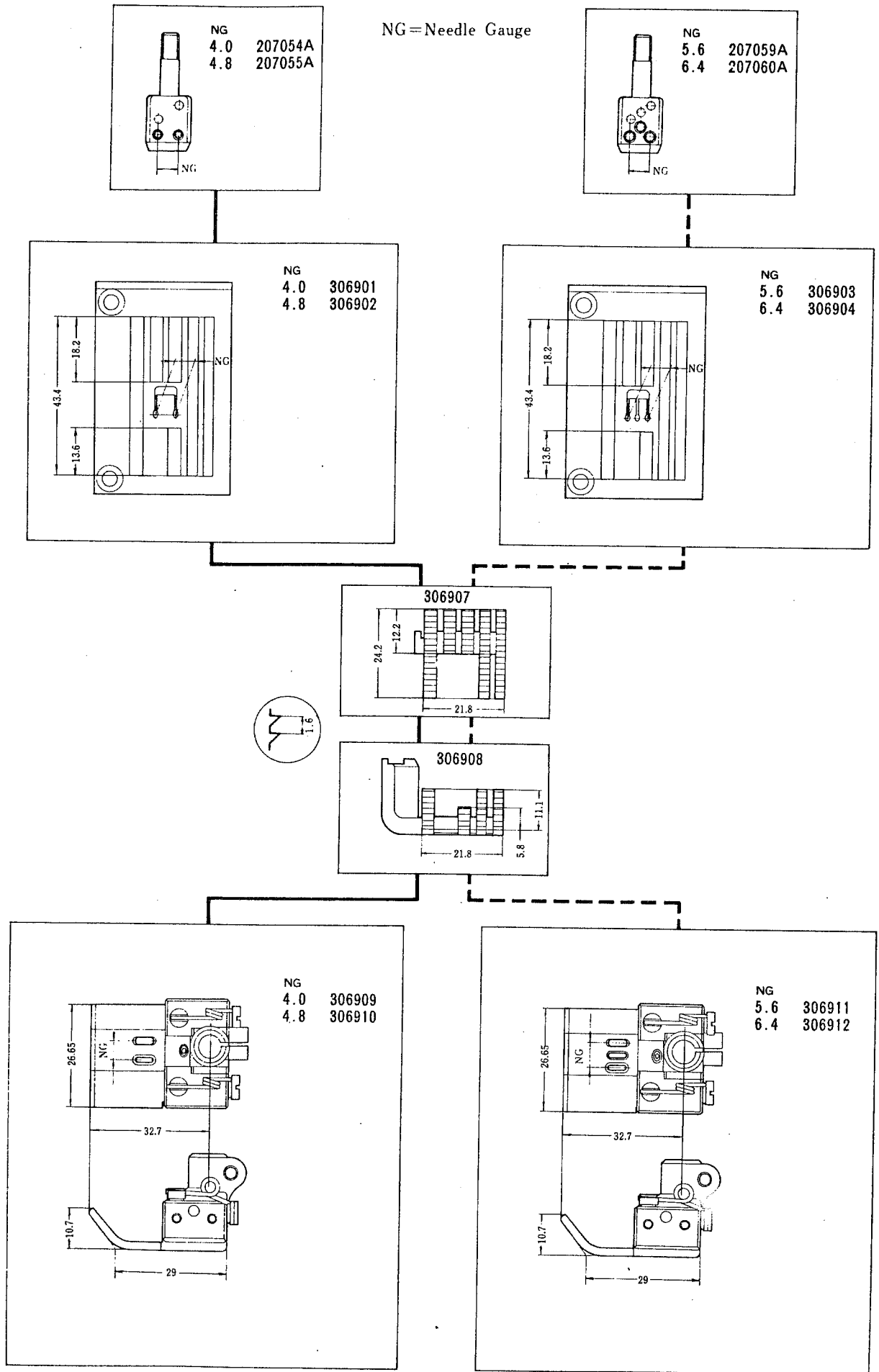
**GAUGE PARTS
CONSTRUCTION CHART**

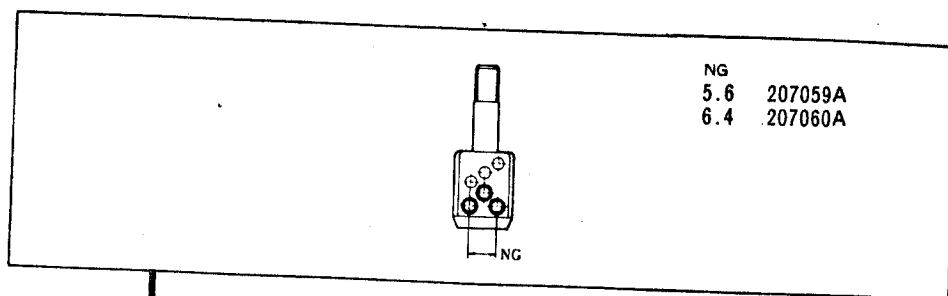
WS62-30

NG = Needle Gauge



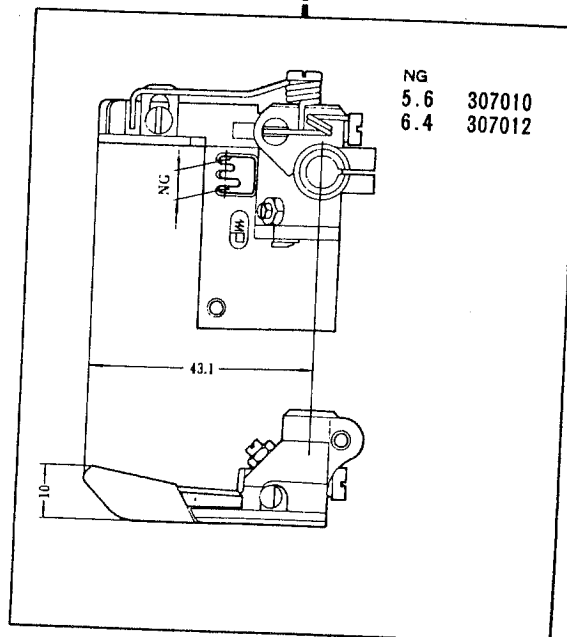
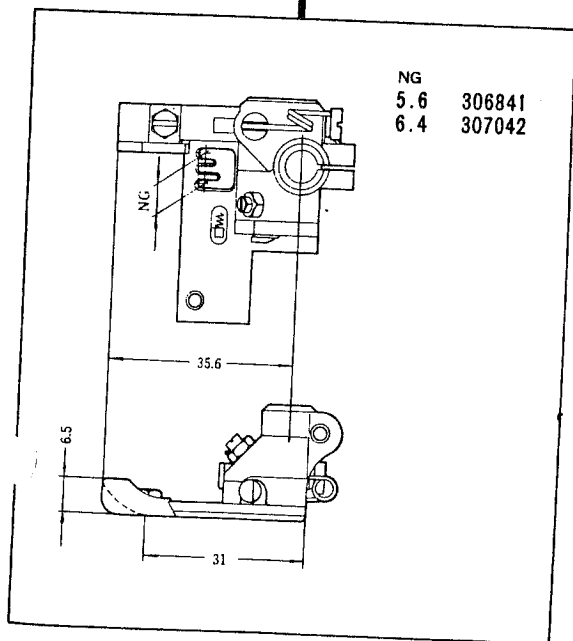
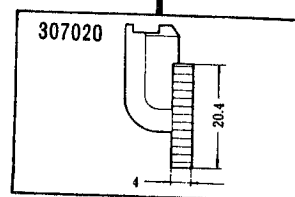
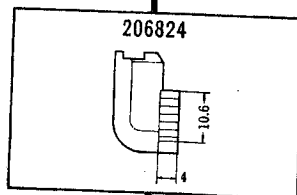
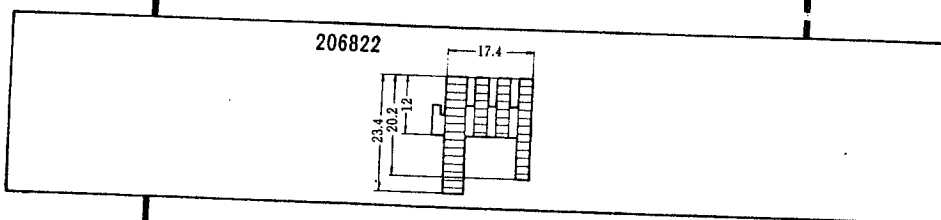
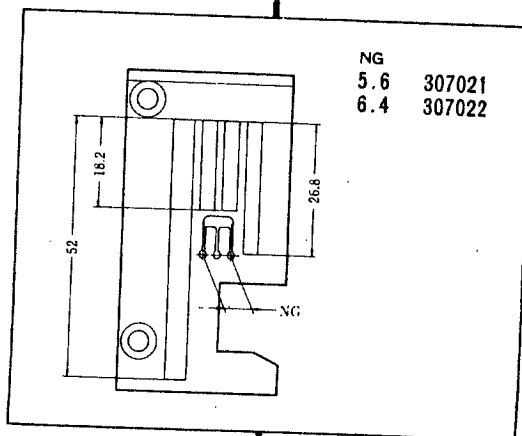
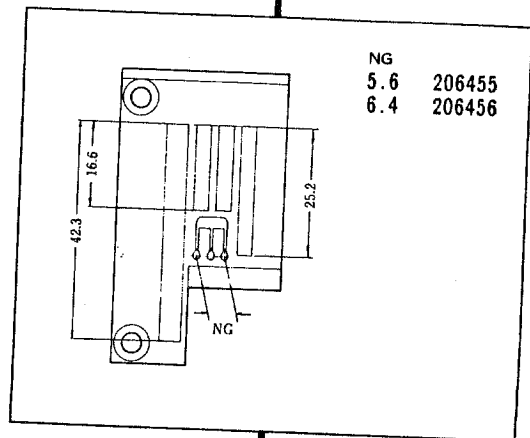
NG=Needle Gauge





-32

-33B



GAUGE PARTS LIST

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS62-01X224	207052A	206976	206860	206818	206820
WS62-01X230	207062A	207327	207297	"	"
WS62-01X232	207053A	206977	206862	"	"
WS62-01X235	207063A	207328	207299	"	"
WS62-01X240	207054A	206978	206864	"	"
WS62-01X248	207055A	206979	206866	"	"
WS62-01X256	207056A	206273	206868	"	"
WS62-01X264	207057A	206274	206870	"	"
WS62-01X348	207058A	206980	206872	"	"
WS62-01X356	207059A	206276	206874	"	"
WS62-01X364	207060A	206277	206876	"	"
WS42-01X224	207052A	206976	206878	206818	206820
WS42-01X230	207062A	207327	207301	"	"
WS42-01X232	207053A	206977	206880	"	"
WS42-01X235	207063A	207328	207303	"	"
WS42-01X240	207054A	206978	206882	"	"
WS42-01X248	207055A	206979	206884	"	"
WS42-01X256	207056A	206273	206886	"	"
WS42-01X264	207057A	206274	206888	"	"
WS42-01X348	207058A	206980	206890	"	"
WS42-01X356	207059A	206276	206892	"	"
WS42-01X364	207060A	206277	206894	"	"

COMMON PART : 206097A Looper

GAUGE PARTS LIST

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS62-01AX224	207052A	206976	207564	206818	206820
WS62-01AX230	207062A	207327	207566	"	"
WS62-01AX232	207053A	206977	207568	"	"
WS62-01AX235	207063A	207328	207570	"	"
WS62-01AX240	207054A	206978	207572	"	"
WS62-01AX248	207055A	206979	207574	"	"
WS62-01AX256	207056A	206273	207576	"	"
WS62-01AX264	207057A	206274	207578	"	"
WS62-01AX348	207058A	206980	207580	"	"
WS62-01AX356	207059A	206276	207582	"	"
WS62-01AX364	207060A	206277	207584	"	"
WS42-01AX224	207052A	206976	207586	206818	206820
WS42-01AX230	207062A	207327	207588	"	"
WS42-01AX232	207053A	206977	207590	"	"
WS42-01AX235	207063A	207328	207592	"	"
WS42-01AX240	207054A	206978	207594	"	"
WS42-01AX248	207055A	206979	207596	"	"
WS42-01AX256	207056A	206273	207598	"	"
WS42-01AX264	207057A	206274	207600	"	"
WS42-01AX348	207058A	206980	207602	"	"
WS42-01AX356	207059A	206276	207604	"	"
WS42-01AX364	207060A	206277	207606	"	"
WS62-01BX224	207052A	206976	207184	206818	206820
WS62-01BX230	207062A	207327	207186	"	"
WS62-01BX232	207053A	206977	207188	"	"
WS62-01BX235	207063A	207328	207190	"	"
WS62-01BX240	207054A	206978	207192	"	"
WS62-01BX248	207055A	206979	207194	"	"
WS62-01BX256	207056A	206273	207196	"	"
WS62-01BX264	207057A	206274	207198	"	"
WS62-01BX348	207058A	206980	207200	"	"
WS62-01BX356	207059A	206276	207202	"	"
WS62-01BX364	207060A	206277	207204	"	"
WS42-01BX224	207052A	206976	207206	206818	206820
WS42-01BX230	207062A	207327	207208	"	"
WS42-01BX232	207053A	206977	207210	"	"
WS42-01BX235	207063A	207328	207212	"	"
WS42-01BX240	207054A	206978	207214	"	"
WS42-01BX248	207055A	206979	207216	"	"
WS42-01BX256	207056A	206273	207218	"	"
WS42-01BX264	207057A	206274	207220	"	"
WS42-01BX348	207058A	206980	207222	"	"
WS42-01BX356	207059A	206276	207224	"	"
WS42-01BX364	207060A	206277	207226	"	"

COMMON PART : 206097A , Looper

GAUGE PARTS LIST

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS62-02X224	207052A	206981	206897	206822	206824
WS62-02X230	207062A	207264	207147	"	"
WS62-02X232	207053A	206982	206899	"	"
WS62-02X235	207063A	207265	207148	"	"
WS62-02X240	207054A	206983	206901	"	"
WS62-02X248	207055A	206358	206903	"	"
WS62-02X256	207056A	206452	206905	"	"
WS62-02X264	207057A	206453	206907	"	"
WS62-02X348	207058A	206454	206909	"	"
WS62-02X356	207059A	206455	206911	"	"
WS62-02X360	207061A	206518	207071	"	"
WS62-02X364	207060A	206456	206913	"	"
WS42-02X224	207052A	206981	206915	206822	206824
WS42-02X230	207062A	207264	207160	"	"
WS42-02X232	207053A	206982	206917	"	"
WS42-02X235	207063A	207265	207161	"	"
WS42-02X240	207054A	206983	206919	"	"
WS42-02X248	207055A	206358	206921	"	"
WS42-02X256	207056A	206452	206923	"	"
WS42-02X264	207057A	206453	206925	"	"
WS42-02X348	207058A	206454	206927	"	"
WS42-02X356	207059A	206455	206929	"	"
WS42-02X364	207060A	206456	206931	"	"

NEW TYPE

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS62-02A×224	207052A	206355	206897A	207706	207707
WS62-02A×230	207062A	206377	207147A	"	"
WS62-02A×232	207053A	206356	206899A	"	"
WS62-02A×235	207063A	207265	207148A	206822	206824
WS62-02A×240	207054A	206983	206901A	"	"
WS62-02A×248	207055A	206358	206903A	"	"
WS62-02A×256	207056A	206452	206905A	"	"
WS62-02A×264	207057A	206453	206907A	"	"
WS62-02A×348	207058A	206454	206909A	"	"
WS62-02A×356	207059A	206455	206911A	"	"
WS62-02A×360	207061A	206518	207071A	"	"
WS62-02A×364	207060A	206456	206913A	"	"
WS42-02A×224	207052A	206355	206915A	207706	207707
WS42-02A×230	207062A	206377	207160A	"	"
WS42-02A×232	207053A	206356	206917A	"	"
WS42-02A×235	207063A	207265	207161A	206822	206824
WS42-02A×240	207054A	206983	206919A	"	"
WS42-02A×248	207055A	206358	206921A	"	"
WS42-02A×256	207056A	206452	206923A	"	"
WS42-02A×264	207057A	206453	206925A	"	"
WS42-02A×348	207058A	206454	206927A	"	"
WS42-02A×356	207059A	206455	206929A	"	"
WS42-02A×364	207060A	206456	206931A	"	"

COMMON PART : 206097A Looper

GAUGE PARTS LIST

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS62-03X248	207055A	207411	207086	206818	207108
WS62-03X256	207056A	207413	207088	"	"
WS62-03X264	207057A	207415	207090	"	"
WS62-03X348	207058A	207417	207293	"	"
WS62-03X356	207059A	207419	207092	"	"
WS62-03X364	207060A	207421	207094	"	"
WS42-03X248	207055A	207411	207096	206818	207108
WS42-03X256	207056A	207413	207098	"	"
WS42-03X264	207057A	207415	207100	"	"
WS42-03X348	207058A	207417	207295	"	"
WS42-03X356	207059A	207419	207102	"	"
WS42-03X364	207060A	207421	207104	"	"
WS62-03AX240	207054A	207682	207678	206818	207108
WS62-03AX248	207055A	207411	207518	"	"
WS62-03AX256	207056A	207413	207520	"	"
WS62-03AX264	207057A	207415	207522	"	"
WS62-03AX348	207058A	207417	207524	"	"
WS62-03AX356	207059A	207419	207526	"	"
WS62-03AX364	207060A	207421	207528	"	"
WS42-03AX240	207054A	207682	207680	206818	207108
WS42-03AX248	207055A	207411	207530	"	"
WS42-03AX256	207056A	207413	207532	"	"
WS42-03AX264	207057A	207415	207534	"	"
WS42-03AX348	207058A	207417	207536	"	"
WS42-03AX356	207059A	207419	207538	"	"
WS42-03AX364	207060A	207421	207540	"	"
WS62-03BX240	207054A	207684	207678	206818	207693
WS62-03BX248	207055A	207106	207518	"	"
WS62-03BX256	207056A	306700	207520	"	"
WS62-03BX264	207057A	306702	207522	"	"
WS62-03BX348	207058A	207291	207524	"	"
WS62-03BX356	207059A	306592	207526	"	"
WS62-03BX364	207060A	306593	207528	"	"
WS42-03BX240	207054A	207684	207680	206818	207693
WS42-03BX248	207055A	207106	207530	"	"
WS42-03BX256	207056A	306700	207532	"	"
WS42-03BX264	207057A	306702	207534	"	"
WS42-03BX348	207058A	207291	207536	"	"
WS42-03BX356	207059A	306592	207538	"	"
WS42-03BX364	207060A	306593	207540	"	"

COMMON PART : 206097A Looper

GAUGE PARTS LIST

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS62-03CX240	207054A	207686	207678	206818	207694
WS62-03CX248	207055A	207687	207518	"	"
WS62-03CX256	207056A	207688	207520	"	"
WS62-03CX264	207057A	207689	207522	"	"
WS62-03CX348	207058A	207690	207524	"	"
WS62-03CX356	207059A	207691	207526	"	"
WS62-03CX364	207060A	207692	207528	"	"
WS42-03CX240	207054A	207686	207680	206818	207694
WS42-03CX248	207055A	207687	207530	"	"
WS42-03CX256	207056A	207688	207532	"	"
WS42-03CX264	207057A	207689	207534	"	"
WS42-03CX348	207058A	207690	207536	"	"
WS42-03CX356	207059A	207691	207538	"	"
WS42-03CX364	207060A	207692	207540	"	"
WS62-03DX240	207054A	207686	207678	206818	207700
WS62-03DX248	207055A	207687	207518	"	"
WS62-03DX256	207056A	207688	207520	"	"
WS62-03DX264	207057A	207689	207522	"	"
WS62-03DX348	207058A	207690	207524	"	"
WS62-03DX356	207059A	207691	207526	"	"
WS62-03DX364	207060A	207692	207528	"	"
WS42-03DX240	207054A	207686	207680	206818	207700
WS42-03DX248	207055A	207687	207530	"	"
WS42-03DX256	207056A	207688	207532	"	"
WS42-03DX264	207057A	207689	207534	"	"
WS42-03DX348	207058A	207690	207536	"	"
WS42-03DX356	207059A	207691	207538	"	"
WS42-03DX364	207060A	207692	207540	"	"

COMMON PART : 206097A Looper

LIST OF THE COMPONENT PARTS FOR DIFF. FEED DOG COMPLETE

Diff. feed dog complete	Component parts				
	Diff. feed dog	Aux. feed dog	Screw	Slider	Screw
207694 (Narrow)	207695	207697	2922	207696	5336
207700 (Wide)	"	207701	"	"	"

See pages 10,26

GAUGE PARTS LIST

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS42-04X264	207057A	206274	206528	206818	206820
WS62-05X224	207052A	207259	207241	206822	207043
WS62-05X232	207053A	306396	207242	"	"
WS62-05X240	207054A	306397	207243	"	"
WS62-05X248	207055A	306398	207244	"	"
WS62-05X256	207056A	207260	207245	"	"
WS62-05X264	207057A	207261	207246	"	"
WS62-05X348	207058A	306505	207247	"	"
WS62-05X356	207059A	306399	207248	"	"
WS62-05X364	207060A	306400	207249	"	"
WS42-05X224	207052A	207259	207250	206822	207043
WS42-05X232	207053A	306396	207251	"	"
WS42-05X240	207054A	306397	207252	"	"
WS42-05X248	207055A	306398	207253	"	"
WS42-05X256	207056A	207260	207254	"	"
WS42-05X264	207057A	207261	207255	"	"
WS42-05X348	207058A	306505	207256	"	"
WS42-05X356	207059A	306399	207257	"	"
WS42-05X364	207060A	306400	207258	"	"
WS62-07	Same as WS62-02.				
WS42-07	Same as WS42-02.				

NEW TYPE

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS62-05A×224	207052A	207259	207241A	206822	207043
WS62-05A×232	207053A	306396	207242A	"	"
WS62-05A×240	207054A	306397	207243A	"	"
WS62-05A×248	207055A	306398	207244A	"	"
WS62-05A×256	207056A	207260	207245A	"	"
WS62-05A×264	207057A	207261	207246A	"	"
WS62-05A×348	207058A	306505	207247A	"	"
WS62-05A×356	207059A	306399	207248A	"	"
WS62-05A×364	207060A	306400	207249A	"	"
WS42-05A×224	207052A	207259	207250A	206822	207043
WS42-05A×232	207053A	306396	207251A	"	"
WS42-05A×240	207054A	306397	207252A	"	"
WS42-05A×248	207055A	306398	207253A	"	"
WS42-05A×256	207056A	207260	207254A	"	"
WS42-05A×264	207057A	207261	207255A	"	"
WS42-05A×348	207058A	306505	207256A	"	"
WS42-05A×356	207059A	306399	207257A	"	"
WS42-05A×364	207060A	306400	207258A	"	"
WS62-07A	Same as WS62-02A.				
WS42-07A	Same as WS42-02A.				

COMMON PART : 206097A Looper

GAUGE PARTS LIST

MACHINE TYPE GAUGE	NEEDLE HOLDER	NEEDLE PLATE	PRESSER FOOT COMP.	MAIN FEED DOG	DIFF. FEED DOG
WS62-30X240	207054A	306901	307044	306907	306908
WS62-30X248	207055A	306902	307046	"	"
WS62-30X356	207059A	306903	307048	"	"
WS62-30X364	207060A	306904	307050	"	"
WS42-30X240	207054A	306901	306909	306907	306908
WS42-30X248	207055A	306902	306910	"	"
WS42-30X356	207059A	306903	306911	"	"
WS42-30X364	207060A	306904	306912	"	"
WS62-32X356	207059A	206455	306841	206822	206824
WS62-32X364	207060A	206456	307042	"	"
WS42-32X356	207059A	206455	306841	206822	206824
WS42-32X364	207060A	206456	307042	"	"
WS62-33BX356	207059A	307021	307010	206822	307020
WS62-33BX364	207060A	307022	307012	"	"
WS42-33BX356	207059A	307021	307010	206822	307020
WS42-33BX364	207060A	307022	307012	"	"

COMMON PART : 206097A Looper

PART NO.	PAGE REF.	PART NO.	PAGE REF.	PART NO.	PAGE REF.	PART NO.	PAGE REF.	PART NO.	PAGE REF.
28-1	21 37	1174	59 20	2905	59 19	4906	63 18	5117	67 22
28-1	57 13	1174	61 20	2905	61 19	4906	65 18	5117	71 42
28-1	69 10	1175-2	27 31	2905	79 18	4906	65 22	5117	81 5
28-1	69 32	1175-2	27 52	2905	89 13	4908	9 24	5117	83 8
28-1	69 40	1186	11 27	2905-HC	59 24	4908	63 8	5117	85 3
89-1	21 38	1186	11 33	2905-HC	59 31	4908	65 10	5118	5 10
89-1	57 14	1186	23 14	2906	21 49	4908	65 35	5118	5 15
89-1	69 9	1186	23 17	2913-1	55 14	4908	77 11	5118	5 23
89-1	69 39	1186-HC	61 53	2913-2	15 5	4910	51 29	5118	7 4
123	75 22	1206	27 37	2918	53 2	4910	77 49	5118	13 22
125	75 19	1206	61 36	2921	31 3	4910	91 42	5118	21 33
127	75 13	1229	81 16	2921	33 3	4911	77 5	5118	29 13
128	75 14	1229	87 32	2921	81 14	4913	73 30	5118	43 28
129	75 15	1229	87 35	2922	27 49	5001	27 2	5118	43 39
131	75 17	1231	31 6	2924	37 22	5001	37 27	5118	45 15
132	75 2	1231	33 5	2948	29 35	5001	69 28	5118	49 38
135A	75 3	1231	37 49	3001-HC	61 51	5002	21 2	5121A	67 31
138	75 36	1231	81 20	3018	37 31	5012	39 7	5134	87 17
178	75 4	1234	23 20	3044	5 31	5020	37 9	5137	21 32
179	75 12	1234	23 55	3044	49 23	5020	75 34	5137	57 26
182	75 9	1234	81 22	3044	49 39	5050	27 10	5138B	3 8
197	91 38	1281	57 31	3044	83 9	5053	39 32	5138B	45 22
200	75 11	1285	55 32	3144	21 42	5053	47 4	5141	23 12
225	9 26	1333	33 19	3144	61 39	5053	59 34	5141	31 17
226	9 27	1448	9 22	3144	69 2	5058	15 4	5141	33 15
230	9 32	1457	3 13	4009-1	5 25	5060	21 14	5141	35 7
230	9 35	1457	9 18	4009-1	5 27	5060	23 35	5141	53 4
230	55 29	1457	13 6	4009-1	11 5	5060	43 10	5142	51 8
230	55 35	1457	23 2	4009-1	23 58	5060	69 22	5146	29 39
233	55 28	1457	29 7	4009-1	37 43	5064	13 25	5146	53 32
233-FA	73 19	1457	29 20	4009-1	39 27	5064	21 51	5152	5 34
242	55 39	1457	37 18	4009-1	47 5	5064	67 30	5152	7 3
245	75 18	1457	45 7	4009-1	47 14	5070	53 46	5152	15 45
246	75 10	1457	51 2	4009-1	49 31	5084	21 4	5152	41 28
247	9 17	1457	59 9	4009-1	59 12	5084	21 9	5152	45 5
250	9 21	1457	59 46	4009-1	61 12	5084	29 22	5152	83 16
251	9 23	1457	61 9	4009-1	71 32	5084	77 27	5157	89 22
252	9 25	1457	61 48	4009-1	81 3	5088	19 12	5161	9 30
253	9 20	1457-1	59 14	4009-1	87 22	5091	23 50	5161	53 45
253	9 28	1457-1	59 51	4009-1	89 20	5091	27 44	5179	3 6
254	9 29	1457-1	61 14	4009-1	91 8	5091	49 21	5184	29 27
255	9 31	1458	17 5	4012	73 17	5091-HC	59 27	5186	17 32
256	9 34	1458	17 11	4012	73 20	5092	3 10	5186	17 43
257	9 16	1458	29 28	4012	73 23	5094	5 2	5186	69 26
269	75 5	1458	39 15	4012	77 52	5094	43 11	5187	39 2
270	9 19	1458	43 6	4012	93 24	5107	67 45	5187	41 38
282	75 7	1458	49 22	4013	73 6	5111	27 22	5189	9 13
284	75 6	1732-HC	61 26	4013	73 26	5113	7 15	5190	71 4
293	73 22	1998-2	57 9	4014	73 14	5113	9 7	5190	71 12
322	75 8	2022	43 13	4114	57 2	5116	7 17	5197	3 20
326	75 1	2022-4	29 30	4114	91 32	5116	7 21	5204	71 8
372	73 1	2022-4	77 36	4117	93 13	5116	9 11	5204	71 16
373-FA	73 5	2022-4	91 22	4300	91 39	5116	13 3	5204	71 22
376	73 28	2022-4	93 31	4304	77 43	5116	17 35	5210	5 40
377-FA	73 25	2193	81 10	4304	93 9	5116	23 48	5210	43 38
380	73 8	2213-1	29 15	4510	55 27	5116	27 15	5210	67 40
381-FA	73 11	2237	59 47	4511	55 25	5116	27 17	5214	5 4
382-FA	73 12	2285	59 3	4515	91 6	5116	39 22	5214	5 6
383-FA	73 13	2285	61 3	4515	91 13	5116	39 25	5214	5 45
384	73 16	2297	55 5	4750	73 7	5116	49 25	5214	7 24
385-FD	73 2	2297	55 13	4750	73 27	5116	51 21	5214	9 15
386-FA	73 32	2297	67 47	4751	91 2	5116	59 18	5214	59 49
387-FD	73 4	2297	67 49	4752	77 41	5116	61 18	5215	57 29
388-FD	73 3	2308	83 2	4752	93 7	5116	71 20	5216B	17 3
390	65 25	2308	83 4	4803	9 33	5116	75 27	5224	37 34
390	77 18	2308	85 11	4803	9 36	5116-HC	61 32	5230	15 44
392	49 40	2902	37 39	4803	55 30	5117	3 24	5233	25 8
908	75 21	2903	17 37	4803	55 36	5117	15 34	5233	57 16
1060	67 18	2903	39 34	4803	73 10	5117	23 7	5234	69 42
1092	23 53	2903	57 24	4803	73 15	5117	41 4	5234	7 13
1170	37 20	2905	5 7	4803	73 18	5117	41 25	5234	57 27
1170	39 3	2905	5 29	4803	73 21	5117	43 8	5234	91 34
1170-1	21 25	2905	11 9	4803	73 24	5117	45 13	5238	13 33
1170-1	21 35	2905	11 21	4805	91 40	5117	47 8	5238	85 7
1170-1	69 7	2905	11 26	4806	77 21	5117	47 18	5242	5 17
1170-1	69 12	2905	11 30	4808	91 4	5117	51 13	5256	85 9
1170-1	69 37	2905	17 38	4808	91 16	5117	51 18	5261	5 42
1170-3	29 11	2905	27 28	4809	65 40	5117	53 13	5261	7 11
1174	5 38	2905	29 9	4809	77 16	5117	57 34	5261	9 4
1174	37 7	2905	39 39	4901	93 26	5117	59 29	5261	11 7

PART NO.	PAGE REF.	PART NO.	PAGE REF.	PART NO.	PAGE REF.	PART NO.	PAGE REF.	PART NO.	PAGE REF.
5261	11 12	5385	39 5	5508	87 20	201185	11 6	202769	63 11
5261	11 17	5385	67 26	5509	87 14	201185	55 18	202875	23 15
5261	55 21	5385	67 38	5510	87 26	201185	81 6	202875	23 18
5261	67 52	5385	69 44	5511-HC	79 10	201191	57 30	202875	25 21
5261	69 50	5386	29 17	5511-HC	79 14	201252	61 30	202875	81 17
5272	59 5	5387	37 47	5511-HC	79 21	201252	73 9	202903	3 19
5272	61 5	5388	15 2	5511-HC	79 24	201291	67 16	202903	21 17
5276	39 20	5390	45 21	5511-HC	79 28	201293A	43 7	202903	43 37
5276	89 17	5408	19 17	5514	49 19	201295	43 4	202903	45 3
5282	43 15	5408	31 11	5526	81 27	201300A	43 21	202911	23 37
5282	53 9	5408	33 12	5540	9 8	201303	43 23	202911	27 5
5283	55 17	5408	35 2	5542	65 29	201517	13 26	202911	69 24
5291	31 27	5408	85 15	5543	65 16	201538	17 19	202922	21 48
5291	35 14	5408	85 22	5543	65 20	201562A	3 14	202922	65 41
5292	17 13	5409	31 19	5543	65 24	201575	21 24	202922	77 17
5292	17 21	5409	35 9	5543	65 27	201575	69 11	202924	65 38
5292	17 23	5425	69 15	5543	65 32	201578	21 31	202924	77 14
5292	25 15	5426	89 18	5544	31 14	201579	21 34	204006	3 23
5292	53 11	5427	15 40	5544	33 13	201579	69 6	204023	57 22
5292	53 36	5427	25 14	5544	35 4	201579	69 36	204023	65 8
5292	53 37	5437	25 18	5545	39 8	201580	69 5	204023	65 12
5292	53 42	5437	87 10	5579	15 43	201635	21 13	204023	69 16
5292	53 44	5441	11 19	5601	21 47	201635	23 34	204023	71 5
5292	71 37	5441	67 15	9038	75 24	201635	69 21	204023	71 13
5293-HC	59 36	5446	87 3	9070-2	17 16	201654	27 23	204052A	29 32
5293-HC	59 39	5447	83 13	137108	23 51	201655	27 33	204091	67 19
5312	13 30	5452	49 29	137108	37 45	201665	29 19	204107	71 43
5312	15 8	5457	21 7	137108	81 25	201689	69 35	204115	27 34
5312	15 17	5457	21 23	137109	23 52	201758	43 17	204184	43 5
5312	15 22	5457	23 32	137109	37 46	201759	43 18	204185	25 27
5312	23 45	5457	25 3	137109	81 26	201759	69 48	204185	45 8
5312	37 5	5457	39 13	137142	39 23	201759	77 29	204520	37 32
5312	37 12	5457	53 6	137142	53 47	201804	37 48	204520	53 26
5312	37 37	5457	63 17	137142	61 33	201880	15 35	204520	57 5
5312	39 11	5457	67 9	137441	13 4	201906	31 13	204520	59 4
5312	55 11	5457	69 20	137906	5 39	201906	35 3	204520	61 4
5312	63 15	5457	89 15	137906	23 56	201907	31 15	204520	63 5
5312	63 23	5458	5 20	137906	59 21	201907	33 14	204520	63 25
5312	63 27	5461	19 2	137906	61 29	201907	35 5	204520	63 34
5312	63 32	5461	19 7	167061	23 10	201913	9 6	204520	65 5
5312	63 36	5461	19 14	167066	39 33	202045	75 33	204520	69 3
5312	63 38	5461	19 20	167066	59 37	202058	7 22	204520	69 33
5317	17 31	5461	23 23	167066	59 40	202174	19 10	204585	5 46
5318	37 4	5461	23 30	167066	61 21	202174	21 30	204585	77 50
5325	17 9	5461	25 11	167066	61 37	202174	21 40	204585	91 41
5328	53 16	5461	25 24	167079	23 57	202174	21 45	204585	93 27
5328	87 30	5461	25 30	192070	17 14	202174	27 12	204789	49 26
5328-HC	61 28	5461	25 36	192130	7 18	202174	27 25	204789	55 19
5332	63 4	5461	37 41	198021	51 17	202174	43 19	204789	67 51
5332	63 24	5461	49 4	198192	7 8	202174	69 49	204789	71 40
5332	63 33	5461	49 33	200098	39 28	202175	21 22	204794A	3 22
5332	65 4	5461	53 23	200098	41 5	202175	23 28	205056A	89 7
5336	27 51	5461	53 25	200098	47 6	202175	23 43	205060	57 6
5345	49 36	5461	55 16	200098	51 19	202175	25 34	205060	87 15
5345	89 5	5461	59 7	200098	57 35	202175	27 9	205097	17 30
5346	31 29	5461	61 7	200136	43 30	202175	27 35	205111	43 29
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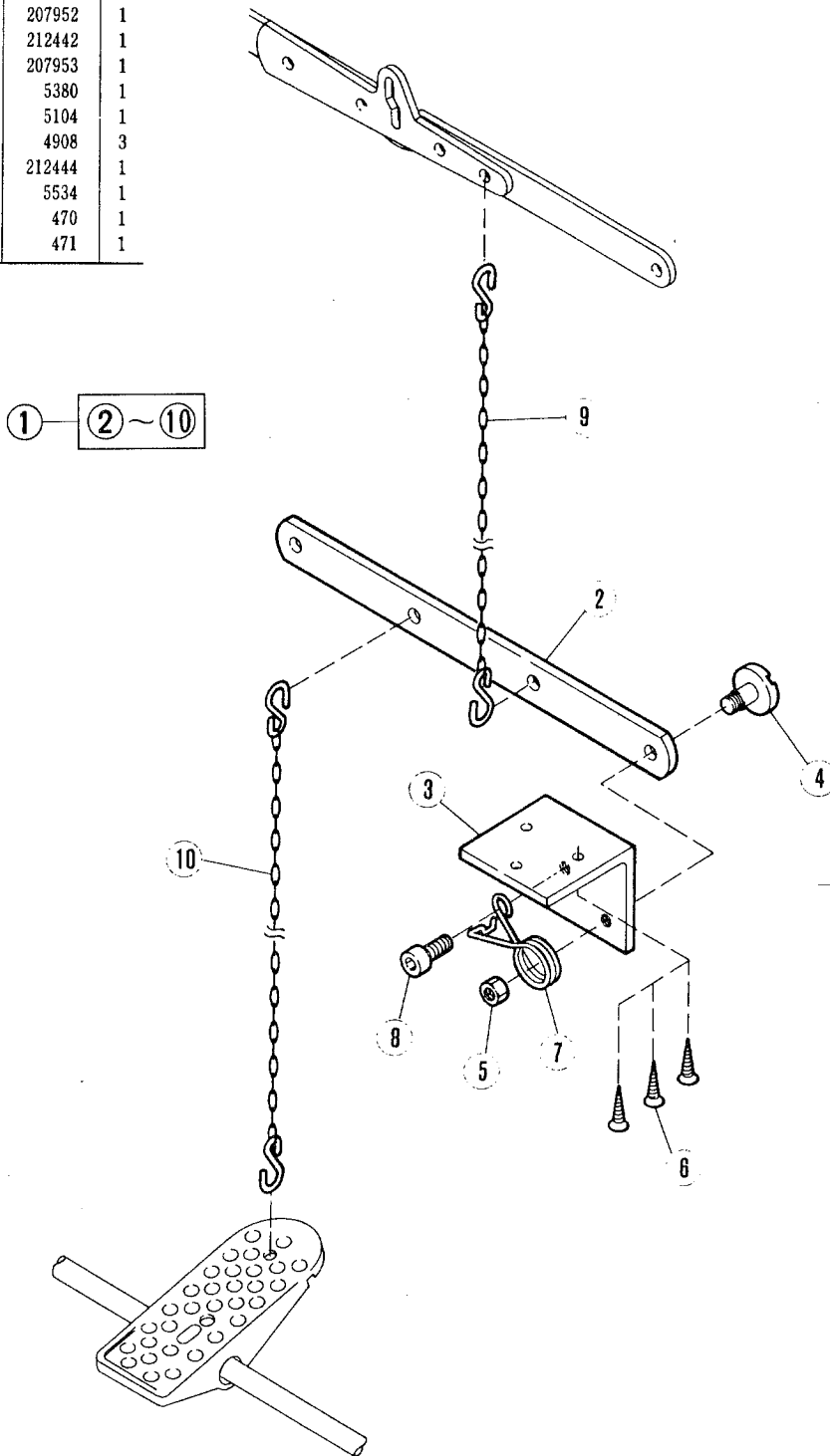
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FOOT LIFTING AUXILIARY LEVER ASSEMBLY

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5	5104	1
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7	212444	1
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