

PARTS CATALOG

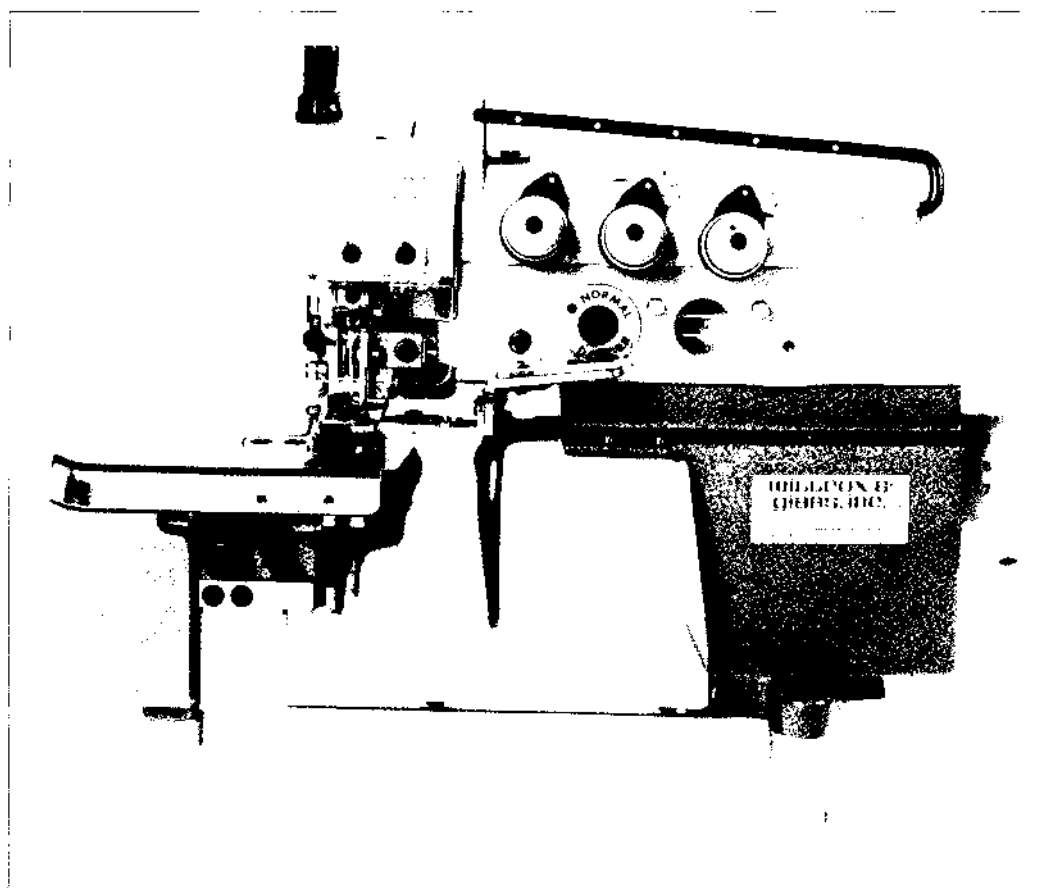
Cat. No. 8478

September, 1983

ESERIES

MODELS: E32. E52. E56.

FIFTH EDITION



WILCOX & GIBBS

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INTRODUCTION

This parts catalog has been arranged in the following manner. It is based on the E series machines manufactured in January, 1983.

1 MECHANISM (Pages 2-43)

Each mechanism of the machine is shown here.

Please note that the parts described in this section are for seaming machines having the same inner moving parts.

2 SPECIFIC PARTS (Pages 46-71)

In the E series, there are other machines than the above that use their own attachments or inner moving parts. The details of them are listed in this section.

3 GAUGE PARTS (Pages 78-160)

On pages 78-147, the gauge parts construction charts are shown. Please note that generally, each chart shows the subclasses that perform similar sewing operations. On pages 148-160, the gauge parts lists are shown. They are arranged in numerical order of the machine type numbers.

4 REFERENCE TABLE (Pages 44-45)

The table provides an index of the machine, and its specific parts and gauge parts construction chart.

5 THE MACHINE MODEL AND ILLUSTRATIONS

When a part or parts are used only in certain machine models, they are enclosed in a frame with description of the machine model.

Example

The parts ⑫~⑯ on page 18 are used only for E32 and E52.

Also, the same measurement is taken when using the reference numbers only.

Example

The part ② on page 2 is used only for E56.

The parts ①⑤⑨ are used only for E32 and E52.

6 PART NUMBER INDEX (Pages 165-170)

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

7 PLEASE NOTE:

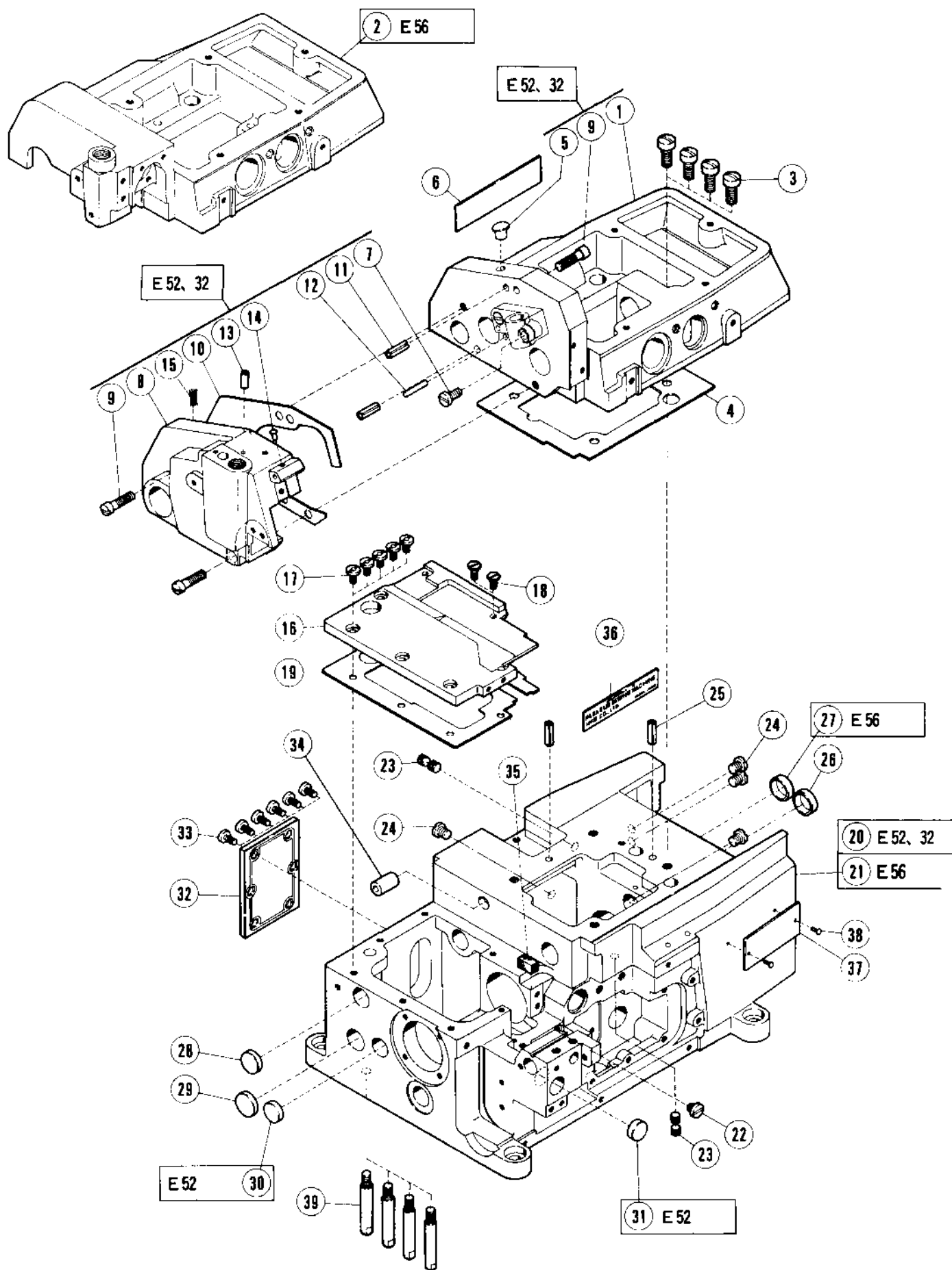
This catalog is applicable to your machine and is subject to change without notification.

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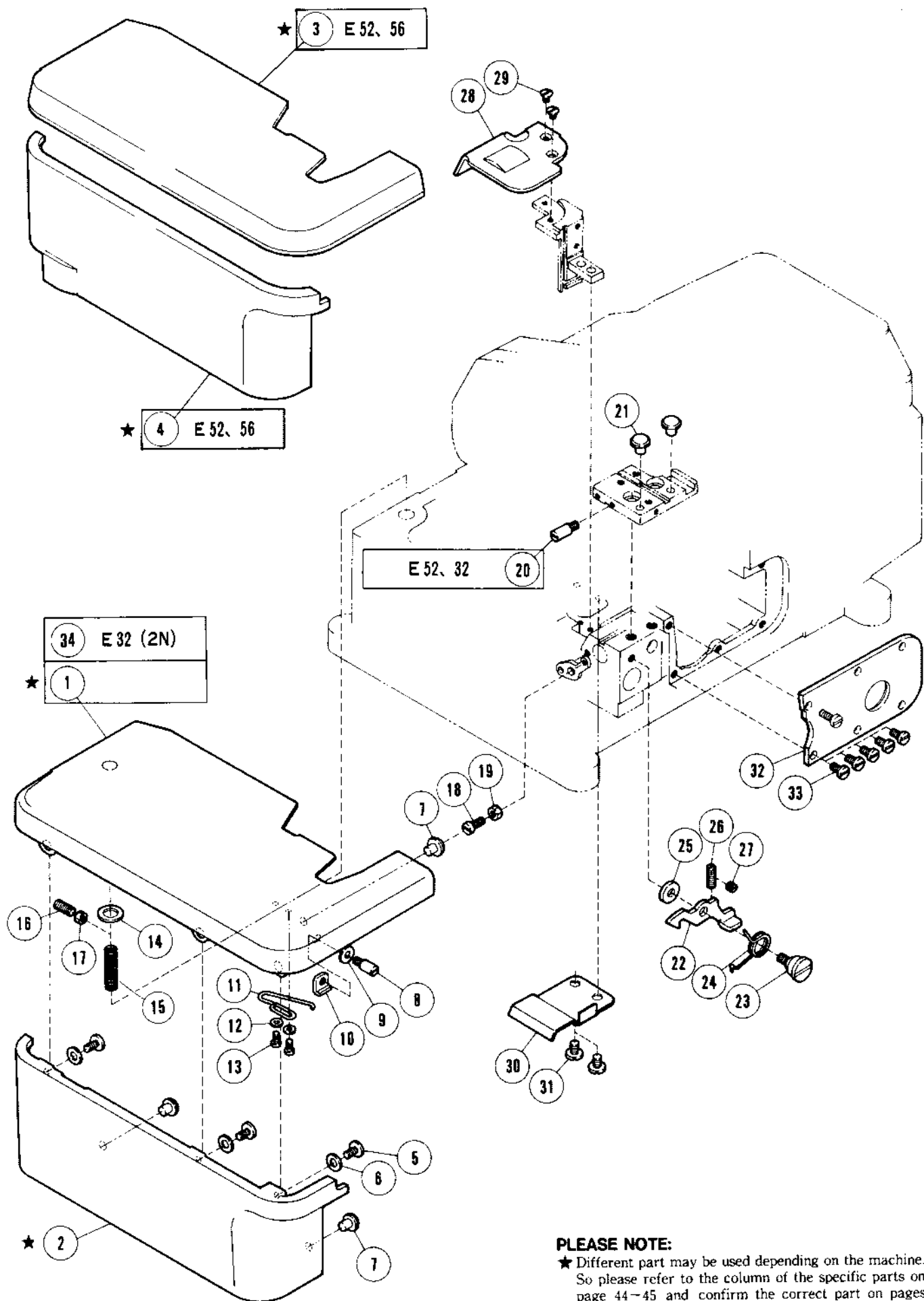
GAUGE PARTS CONSTRUCTION CHARTS · GAUGE PARTS LISTS

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MACHINE BED FRAME

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210218-HD	MACHINE ARM (RIGHT)	1	
2	210001-HD	MACHINE ARM	1	
3	5078	SCREW	4	
4	210002	GASKET	1	
5	211342	PLUG	1	
6	210526	NAME PLATE	1	
7	5357	SCREW	1	
8	210219-HD	MACHINE ARM (LEFT)	1	
9	5163	SCREW	3	
10	210220	GASKET	1	
11	201002	PIN	2	
12	206665	PIN	1	
13	210528	OIL PIPE	1	
14	198192	CUSHION RUBBER	1	
15	202174	OIL WICK	1	
16	210008	COVER PLATE	1	
17	4009-1	SCREW	5	
18	5482	SCREW	2	
19	210009	GASKET	1	
20	212327-FD	MACHINE BED	1	
21	212328-FD	MACHINE BED	1	
22	5434	SCREW	1	
23	2913-1	SCREW	4	
24	5332	SCREW	4	
25	201002	PIN	2	
26	204828	PLUG	1	
27	204828	PLUG	1	
28	208173	PLUG	1	
29	210003	PLUG	1	
30	218173	PLUG	1	
31	209084	PLUG	1	
32	210005	COVER PLATE	1	
33	5459	SCREW	6	
34	210583	OIL RETURN PIPE	1	
35	210010	OIL SHIELD	1	
36	202526	NAME PLATE	1	
37	212280	TYPE PLATE	1	
38	210679	PIN	2	
39	204006	MACHINE BED BOTTOM PIN	4	



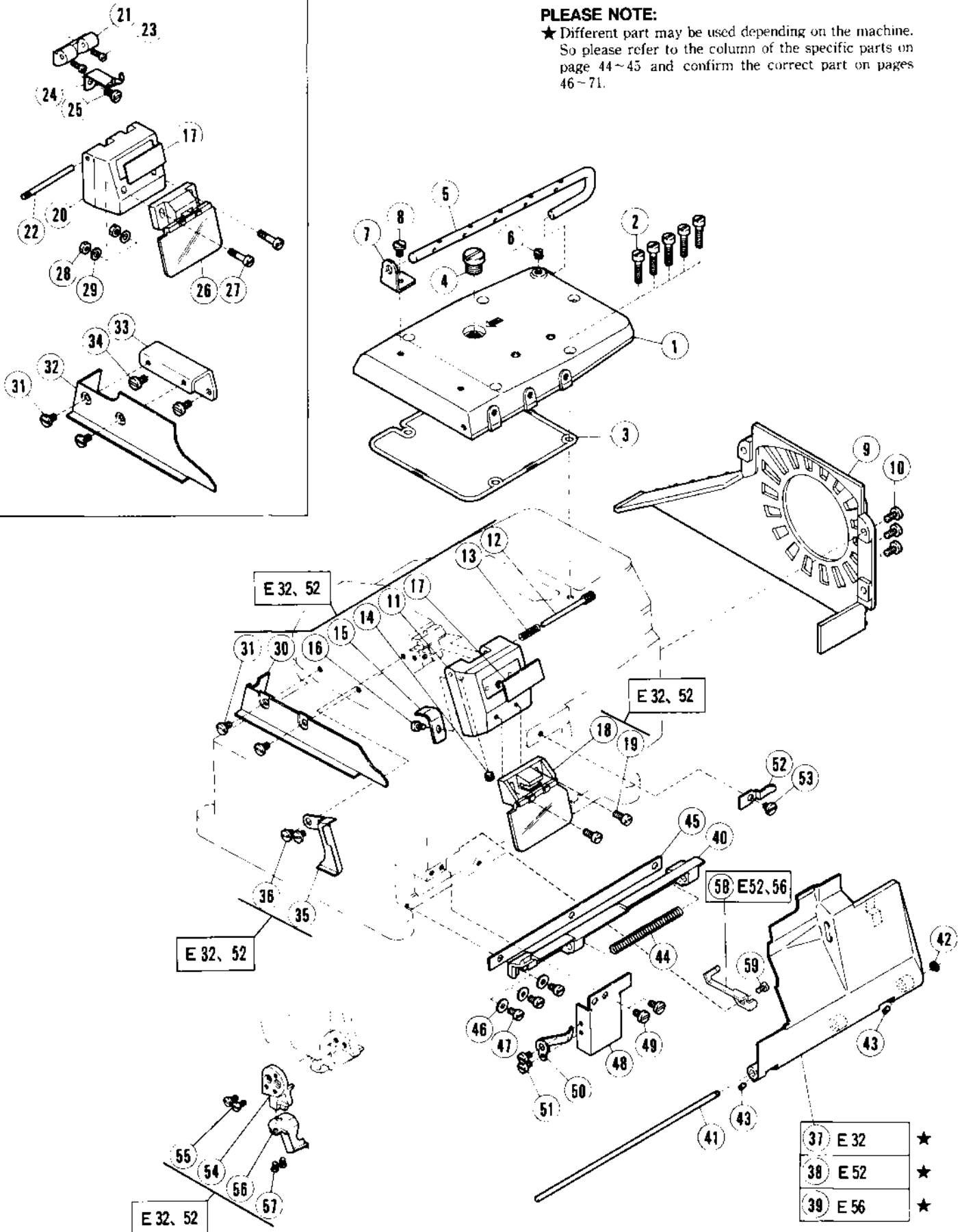
COVERS (1)

REF. NO.	PART NO.	NAME	QT	MEMO
★1	210883	CLOTH PLATE (WIDE)	1	
★2	210027-FB	SIDE COVER (FOR 210883)	1	
★3	210881	CLOTH PLATE (NARROW)		
★4	210026-FB	SIDE COVER (FOR 210881)	1	
5	4009-1	SCREW	3	
6	202058	WASHER	3	
7	210025	CUSHION RUBBER	3	
8	210022	LATCH PIN	1	
9	137906	WASHER	1	
10	211300	NUT	1	
11	210024	SPRING	1	
12	202875	WASHER	2	
13	5012	SCREW	2	
14	210020	WASHER	1	
15	192130	SPRING	1	
16	5483	SCREW	1	
17	3044	NUT	1	
18	1174	SCREW	1	
19	3091	NUT	1	
20	210022	CLOTH PLATE LATCH PIN	1	
21	210025	CUSHION RUBBER	2	
22	210021	LATCH	1	
23	5488	SCREW	1	
24	210023	LATCH SPRING	1	
25	208245	WASHER	1	
26	1435	SCREW	1	
27	1459	SCREW	1	
28	210006	FEED ECCENTRIC COVER	1	
29	5480	SCREW	2	
30	210007	FEED BAR COVER	1	
31	2905	SCREW	2	
32	210117	UPPER LOOPER HOLDER COVER	1	
33	4009-1	SCREW	5	
34	210885	CLOTH PLATE (WIDE)(2N)	1	

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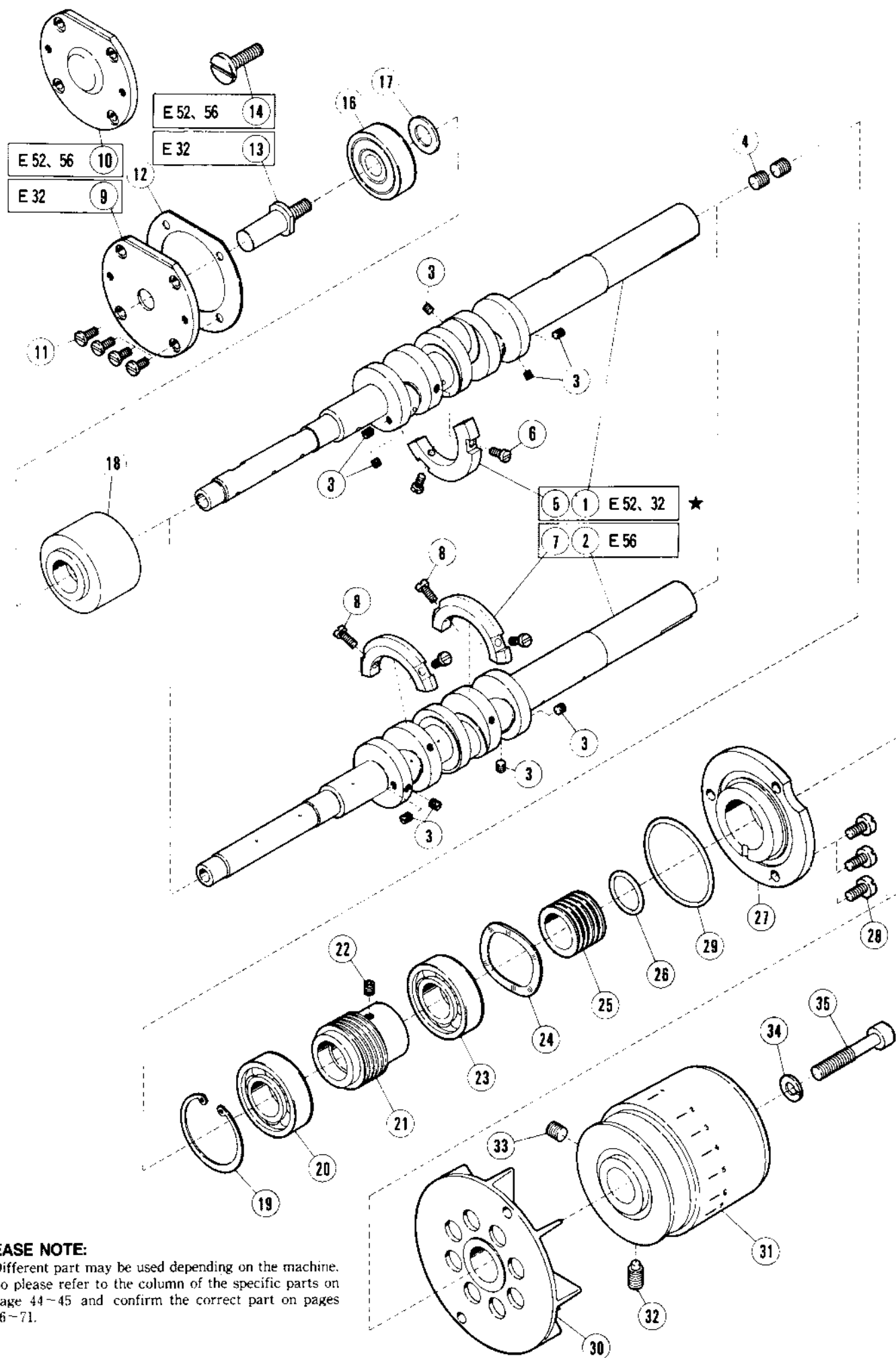
PLEASE NOTE:

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So please refer to the column of the specific parts on
page 44~45 and confirm the correct part on pages
46~71.



COVERS (2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210034-HD	TOP COVER	1	
2	5095	SCREW	5	
3	210035	O RING	1	
4	5198	SCREW	1	
5	210036	THREAD GUIDE BAR	1	
6	5060	SCREW	1	
7	210037	BRACKET	1	
8	4009-1	SCREW	1	
9	210028-FD	BELT COVER	1	
10	5117	SCREW	3	
11	211959-HD	NEEDLE THREAD COVER	1	
12	5598	PIN-SCREW	1	
13	211958	SPRING	1	
14	5292	SCREW	1	
15	210223	SPRING	1	
16	1216	SCREW	1	
17	205723	NAME PLATE	1	
18	208747	EYE GUARD COMPLETE	1	
19	1175-3	SCREW	2	
20	210029-HB	NEEDLE THREAD COVER	1	
21	202516-HD	HINGE	1	
22	210030	HINGE PIN	1	
23	2918	SCREW	2	
24	210031	HINGE SPRING	1	
25	5117	SCREW	1	
26	205688	EYE GUARD COMPLETE	1	
27	5010	SCREW	2	
28	3091	NUT	2	
29	137906	WASHER	2	
30	210224	FABRIC GUARD	1	
31	2905	SCREW	2	
32	210032	FABRIC GUARD	1	
33	210033	BRACKET/FABRIC GUARD	1	
34	5117	SCREW	2	
35	210221	MACHINE ARM LEFT COVER	1	
36	2905	SCREW	2	
★37	210270	FRONT COVER	1	
★38	210225	FRONT COVER	1	
★39	210041	FRONT COVER	1	
40	210042	HINGE	1	
41	208009	PIN	1	
42	200555	RETAINING RING	1	
43	5292	SCREW	2	
44	210043	HINGE SPRING	1	
45	210047	GASKET	1	
46	137906	WASHER	3	
47	1202	SCREW	3	
48	210046	GUIDE	1	
49	5458	SCREW	2	
50	210045	HOOK SPRING	1	
51	1216	SCREW	2	
52	210044	HOOK SPRING	1	
53	2905	SCREW	1	
54	211389	COVER	1	
55	5328	SCREW	2	
56	211390	COVER	1	
57	5053	SCREW	2	
58	211804	STOPPER	1	
59	5012	SCREW	1	

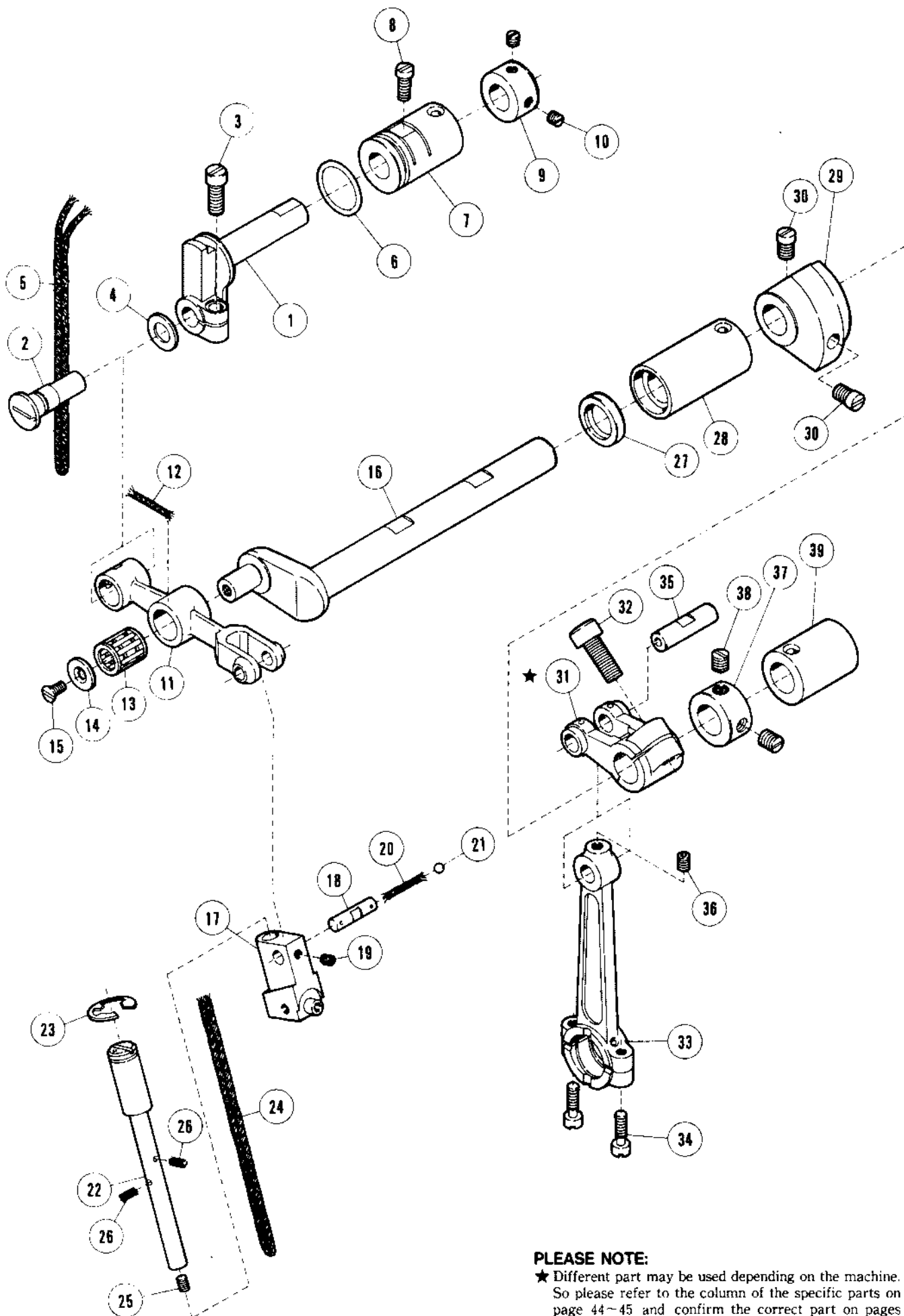


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CRANKSHAFT DRIVE MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
★ 1	210228	CRANKSHAFT	1	
2	210048	CRANKSHAFT	1	
3	1459	SCREW	5	
4	1448	SCREW	2	
5	210062	BALANCE WEIGHT	1	
6	5029	SCREW	2	
7	211341	BALANCE WEIGHT	2	
8	5029	SCREW	4	
9	204881	HOUSING	1	
10	204737	HOUSING	1	
11	5328	SCREW	4	
12	204319	GASKET	1	
13	204873	CRANKSHAFT EXTENSION	1	
14	5497	SCREW	1	
16	204010	BALL BEARING	1	
17	204789	THRUST WASHER	1	
18	211533	BUSHING	1	
19	211527	RETAINING RING	1	
20	211525	BALL BEARING	1	
21	211530	WORM	1	
22	5461	SCREW	1	
23	211526	BALL BEARING	1	
24	211529	PLATE SPRING	1	
25	210056	OIL SEAL	1	
26	210057	O RING	1	
27	211528	BALL BEARING RETAINER	1	
28	5117	SCREW	3	
29	210055	O RING	1	
30	210058	COOLING FAN	1	
31	211345-HD	MACHINE PULLEY	1	
32	5523	PIN-SCREW	1	
33	5050	SCREW	1	
34	204293	SPRING WASHER	1	
35	5522	SCREW	1	

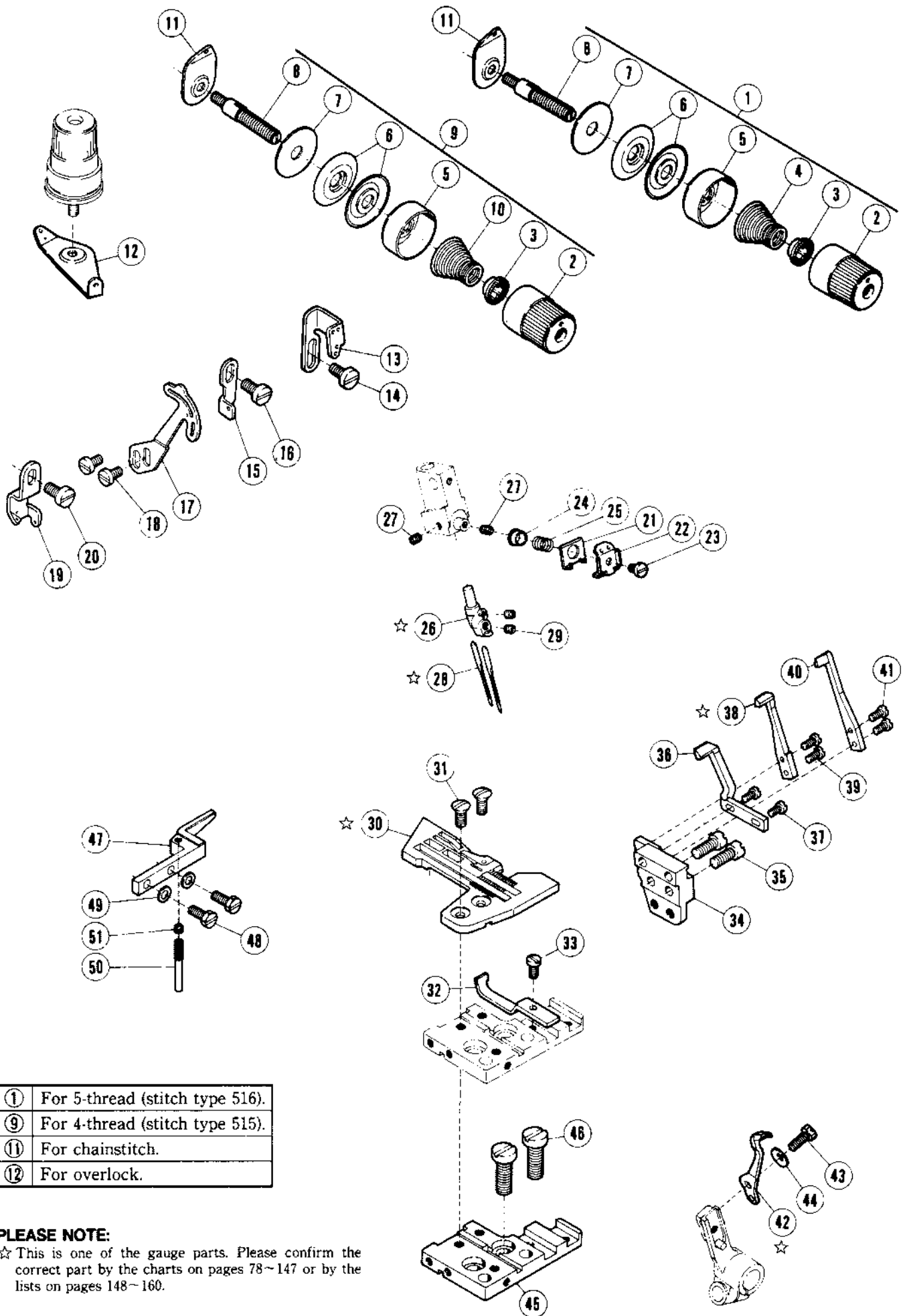


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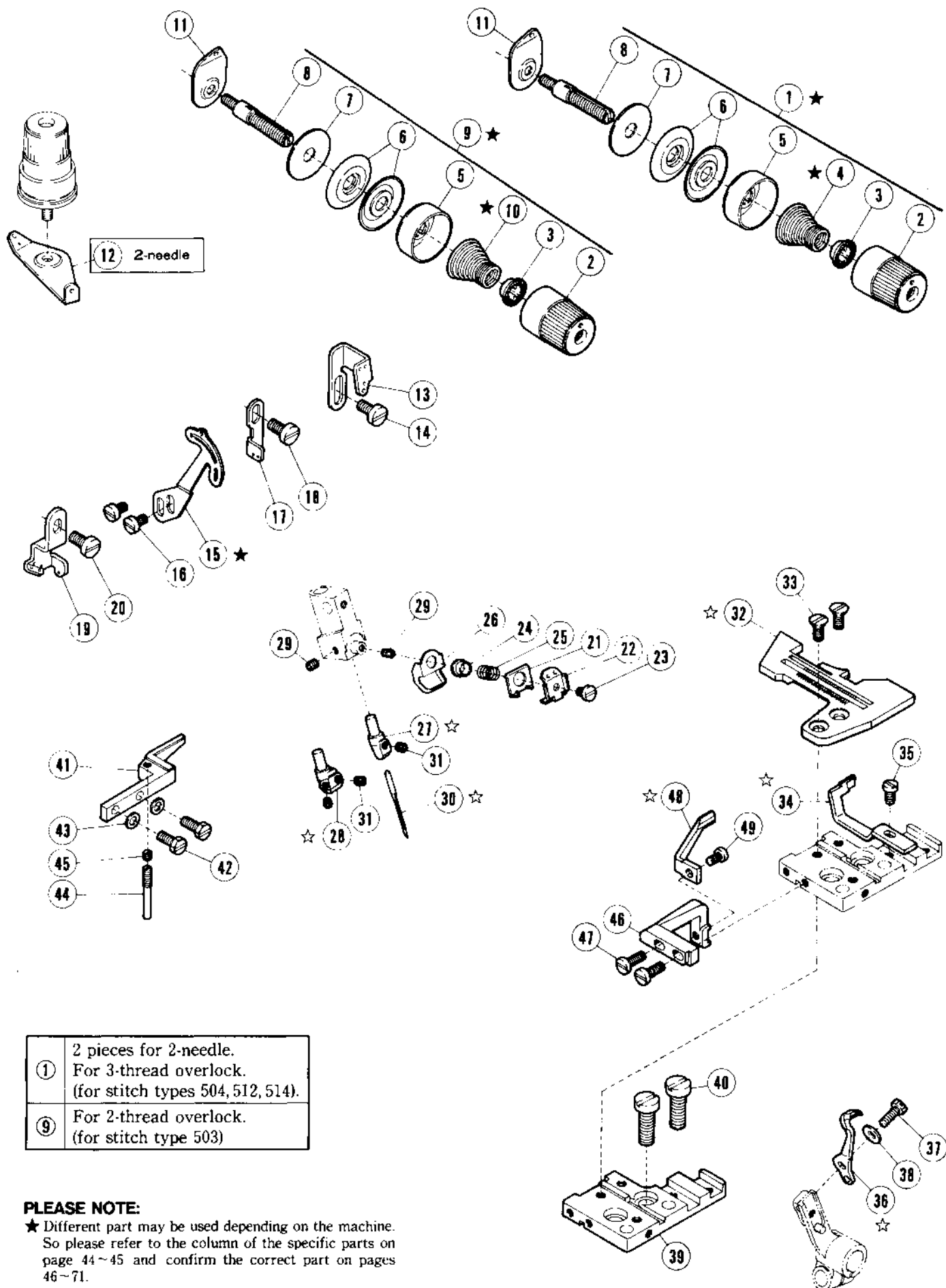
E32/E52 NEEDLE DRIVE MECHANISM (1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210239	HOLDER	1	
2	210240	PIN	1	
3	5485	SCREW	1	
4	210241	WASHER	1	
5	212186	OIL WICK	1	
6	210057	O RING	1	
7	210242	BUSHING	1	
8	2133-1	SCREW	1	
9	201056	THRUST COLLAR	1	
10	1457	SCREW	2	
11	210235	LEVER/NEEDLE DRIVE	1	
12	202175	OIL WICK	1	
13	210238	NEEDLE BEARING	1	
14	210236	WASHER	1	
15	5022	SCREW	1	
16	210232	SHAFT/NEEDLE DRIVE	1	
17	210243	NEEDLE HOLDER GUIDE	1	
18	210237A	PIN	1	
19	5292	SCREW	1	
20	202175	OIL WICK	1	
21	240148	PLUG	1	
22	210244	STUD	1	
23	202577	STOP RING	1	
24	202176	OIL WICK	1	
25	5292	SCREW	1	
26	202174	OIL WICK	2	
27	210069	OIL SEAL	1	
28	210234	BUSHING	1	
29	210511	BALANCE WEIGHT	1	
30	5059	SCREW	2	
★31	210230	CRANK/NEEDLE DRIVE/STD LIFT	1	
32	5457	SCREW	1	
33	210229	CONNECTION/NEEDLE DRIVE	1	
34	5376	SCREW	2	
35	204146	PIN	1	
36	5461	SCREW	1	
37	201635	COLLAR	1	
38	5060	SCREW	2	
39	210233	BUSHING	1	



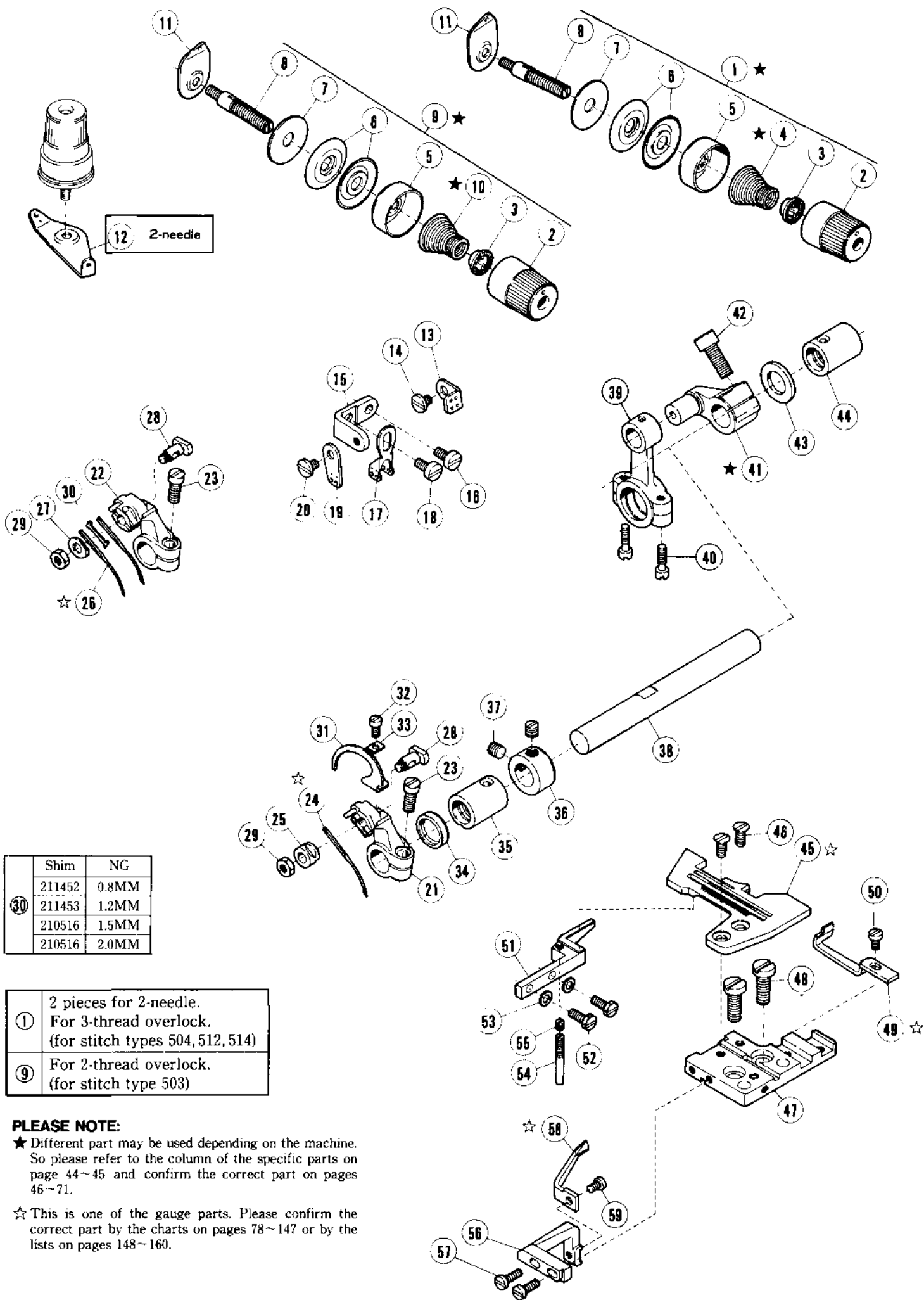
E32 NEEDLE DRIVE MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210529	TENSION NUT COMPLETE	1	
2	208447	POST NUT	1	
3	208448	SPRING BUSHING	1	
4	201037	TENSION SPRING (HEAVY)	1	
5	208450	CUP	1	
6	210319	DISK	2	
7	208449	FELT	1	
8	5082A	POST	1	
9	210531	THREAD TENSION COMPLETE	1	
10	201068	TENSION SPRING (LIGHT)	1	
11	202849	GUIDE/1 NDL	1	
12	210090	GUIDE/2 NDL	1	
13	210264	NEEDLE THREAD GUIDE RIGHT	1	
14	5117	SCREW	1	
15	210722	NEEDLE THREAD GUIDE CENTER	1	
16	5117	SCREW	1	
17	211898	NEEDLE THREAD TAKEUP	1	
18	1175-3	SCREW	2	
19	210313	NEEDLE THREAD GUIDE LEFT	1	
20	5117	SCREW	1	
21	210749	NEEDLE THREAD RETAINER	1	
22	210260	BRACKET	1	
23	1229	SCREW	1	
24	210750	GUIDE	1	
25	210751	SPRING	1	
☆26	XXXXXX	NEEDLE HOLDER	1	
27	5292	SCREW	2	
☆28	XXXXXX	NEEDLE	2	
29	5292	SCREW	2	
☆30	XXXXXX	NEEDLE PLATE	1	
31	5484-HC	SCREW	2	
32	210278	CHAINSTITCH NEEDLE GUARD FRONT	1	
33	5328	SCREW	1	
34	210277	NEEDLE GUARD BRACKET	1	
35	5002	SCREW	2	
36	210279	CHAINSTITCH NEEDLE GUARD REAR	1	
37	5492	SCREW	2	
☆38	210276	OVERLOCK NEEDLE GUARD REAR	1	
39	5492	SCREW	2	
40	210275	OVERLOCK NEEDLE GUARD FRONT	1	
41	5492	SCREW	2	
☆42	210724	MOVABLE NEEDLE GUARD	1	
43	5501	SCREW	1	
44	210930	WASHER	1	
45	211392	BRACKET ASSEMBLY/NEEDLE PLATE	1	
46	5357	SCREW	2	
47	210922	SUPPORT COMPLETE	1	
48	5501	SCREW	2	
49	210898	WASHER	2	
50	210923	GUIDE	1	
51	1459	SCREW	1	



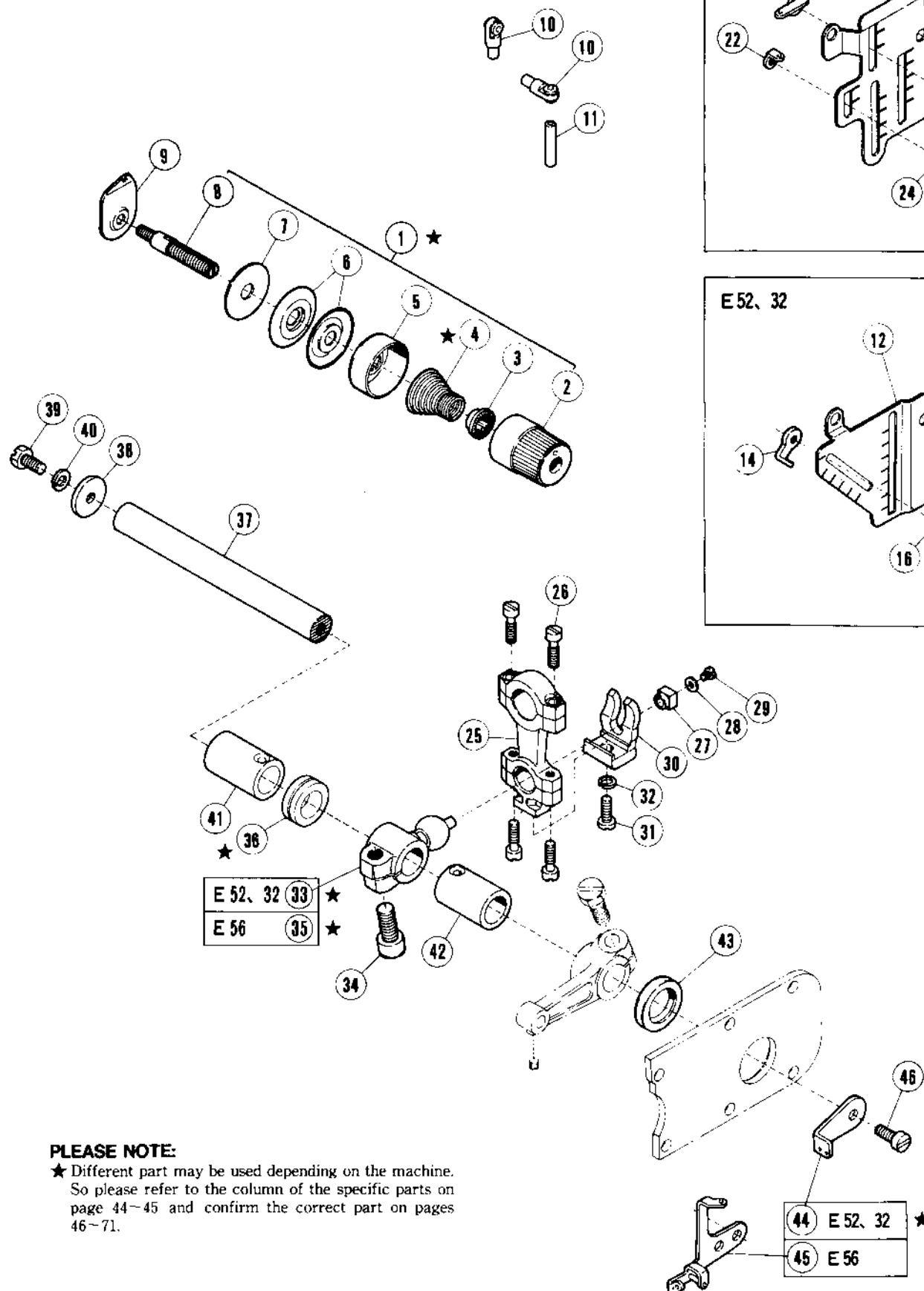
E52 NEEDLE DRIVE MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
★ 1	210529	THREAD TENSION COMPLETE	1	
2	208447	POST NUT	1	
3	208448	SPRING BUSHING	1	
★ 4	201037	TENSION SPRING (HEAVY)	1	
5	208450	CAP	1	
6	210319	DISC	2	
7	208449	FELT	1	
8	5082A	SCREW STUD	1	
★ 9	210531	THREAD TENSION COMPLETE	1	
★10	201068	TENSION SPRING (LIGHT)	1	
11	202849	TENSION GUIDE	1	
12	210090	TENSION GUIDE/2 NDL	1	
13	210264	NEEDLE THREAD GUIDE RIGHT	1	
14	5117	SCREW	1	
★15	211398	NEEDLE THREAD TAKEUP	1	
16	1175-3	SCREW	2	
17	211400	NEEDLE THREAD GUIDE CENTER	1	
18	5117	SCREW	1	
19	211399	NEEDLE THREAD GUIDE LEFT	1	
20	5117	SCREW	1	
21	210749	NEEDLE THREAD RETAINER	1	
22	210260	BRACKET	1	
23	1229	SCREW	1	
24	210750	GUIDE	1	
25	210751	SPRING	1	
26	211348	THREAD GUIDE/NEEDLE HOLDER	1	
★27	211358	NEEDLE HOLDER	1	
★28	XXXXXX	NEEDLE HOLDER/2-NEEDLE	1	
29	5292	SCREW	2	
★30	XXXXXX	NEEDLE	1	
31	5292	SCREW	1	
★32	XXXXXX	NEEDLE PLATE	1	
33	5484-HC	SCREW	2	
★34	XXXXXX	NEEDLE GUARD (FRONT)	1	
35	5328	SCREW	1	
★36	210724	NEEDLE GUARD (REAR)	1	
37	5501	SCREW	1	
38	210930	WASHER	1	
39	211392	BRACKET ASSEMBLY/NEEDLE PLATE	1	
40	5357	SCREW	2	
41	210922	NEEDLE PLATE SUPPORT COMPLETE	1	
42	5501	SCREW	2	
43	210898	WASHER	2	
44	210923	GUIDE	1	
45	1459	SCREW	1	
46	210084	NEEDLE GUARD BRACKET	1	
47	1175-3	SCREW	2	
★48	XXXXXX	NEEDLE GUARD (REAR)	1	
49	1202	SCREW	1	



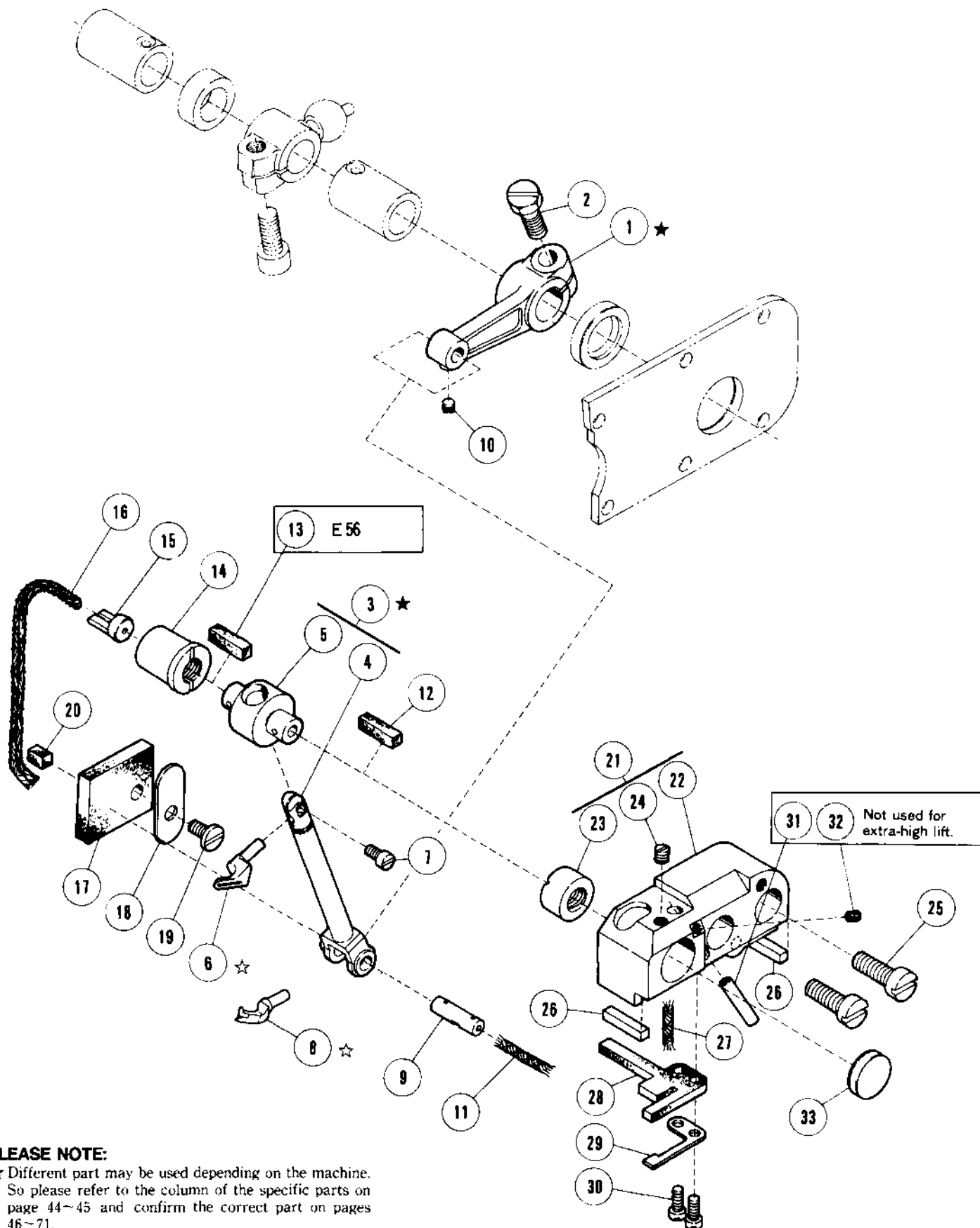
E56 NEEDLE DRIVE MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
★ 1	210529	TENSION NUT COMPLETE (HEAVY)	1	
2	208447	POST NUT	1	
3	208448	SPRING BUSHING	1	
★ 4	201037	TENSION SPRING (HEAVY)	1	
5	208450	CUP	1	
6	210319	DISC	2	
7	208449	FELT	1	
8	5082A	POST	1	
★ 9	210531	TENSION NUT COMPLETE (LIGHT)	1	
★10	201068	TENSION SPRING (LIGHT)	1	
11	202849	TENSION GUIDE/1 NDL	1	
12	210090	TENSION GUIDE/2 NDL	1	
13	210089	NEEDLE THREAD GUIDE RIGHT	1	
14	2905	SCREW	1	
15	210087	BRACKET	1	
16	5117	SCREW	1	
17	210088	NEEDLE THREAD GUIDE CENTER	1	
18	5117	SCREW	1	
19	210086	NEEDLE THREAD GUIDE LEFT	1	
20	5117	SCREW	1	
21	210070	NEEDLE ARM/1 NDL	1	
22	210071	NEEDLE ARM/2 NDL	1	
23	5485	SCREW	1	
☆24	XXXXXX	NEEDLE	1	
25	201031A	NEEDLE CLAMP/1 NDL	1	
☆26	XXXXXX	NEEDLE	2	
27	202273	NEEDLE CLAMP/2 NDL	1	
28	201239A	NEEDLE CLAMP SCREW	1	
29	3044	NUT	1	
30	210516	NEEDLE SHIM 1.5MM	1	
31	210085	NEEDLE THREAD TAKEUP	1	
32	1196	SCREW	1	
33	205737	WASHER	1	
34	210069	OIL SEAL	1	
35	210068	BUSHING	1	
36	201635	COLLAR	1	
37	5060	SCREW	2	
38	210066	SHAFT/NEEDLE DRIVE	1	
39	210063	CONNECTION/NEEDLE DRIVE	1	
40	5376	SCREW	2	
★41	210064	CRANK/NEEDLE DRIVE/STD LIFT	1	
42	5457	SCREW	1	
43	206180	THRUST WASHER	1	
44	210067	BUSHING	1	
☆45	XXXXXX	NEEDLE PLATE	1	
46	5484-HC	SCREW	2	
47	211392	BRACKET ASSEMBLY/NEEDLE PLATE	1	
48	5357	SCREW	2	
☆49	XXXXXX	NEEDLE GUARD FRONT/1 NDL	1	
50	5328	SCREW	1	
51	210922	NEEDLE PLATE SUPPORT COMPLETE	1	
52	5501	SCREW	2	
53	210898	WASHER	2	
54	210923	GUIDE	1	
55	1459	SCREW	1	
56	210084	NEEDLE GUARD BRACKET	1	
57	1175-3	SCREW	2	
☆58	XXXXXX	NEEDLE GUARD REAR	1	
59	1206	SCREW	1	



UPPER LOOPER DRIVE MECHANISM (1)

REF. NO.	PART NO.	NAME	QT.	MEMO
★ 1	210531	TENSION NUT COMPLETE (LIGHT)	1	
2	208447	POST NUT	1	
3	208448	SPRING BUSHING	1	
★ 4	201068	TENSION SPRING (LIGHT)	1	
5	208450	CUP	1	
6	210319	DISC	2	
7	208449	FELT	1	
8	5082A	POST	1	
9	202849	TENSION GUIDE	1	
10	201439A	EYELET	2	
11	204657	THREAD TUBE	1	
12	210349	LOOPER THREAD GUIDE PLATE	1	
13	2905	SCREW	3	
14	210350	UPPER LOOPER THREAD GUIDE	1	
15	5519	SCREW	1	
16	202875	WASHER	1	
17	210344	LOOPER THREAD GUIDE PLATE	1	
18	2905	SCREW	3	
19	210345	UPPER LOOPER THREAD GUIDE	1	
20	2921	SCREW	1	
21	202875	WASHER	1	
22	202860	THREAD GUIDE	1	
23	2921	SCREW	1	
24	202875	WASHER	1	
25	210091	CONNECTION/UPPER LOOPER DRIVE	1	
26	5376	SCREW	4	
27	210093	BLOCK/CONNECTION	1	
28	210585	WASHER	1	
29	1231	SCREW	1	
30	210092	GUIDE/CONNECTION	1	
31	5546	SCREW	1	
32	202286	WASHER	1	
★33	210733	CRANK/UPPER LOOPER/STD LIFT	1	
34	5457	SCREW	1	
★35	210098	WASHER	1	
★36	206180	THRUST WASHER	1	
37	210099	SHAFT/UPPER LOOPER DRIVE	1	
38	210100	WASHER	1	
39	2193	SCREW	1	
40	202286	WASHER	1	
41	210102	BUSHING	1	
42	210101	BUSHING	1	
43	210103	OIL SEAL	1	
★44	210351	UPPER LOOPER THREAD TAKEUP	1	
45	210346	UPPER LOOPER THREAD TAKEUP	1	
46	2902	SCREW	1	



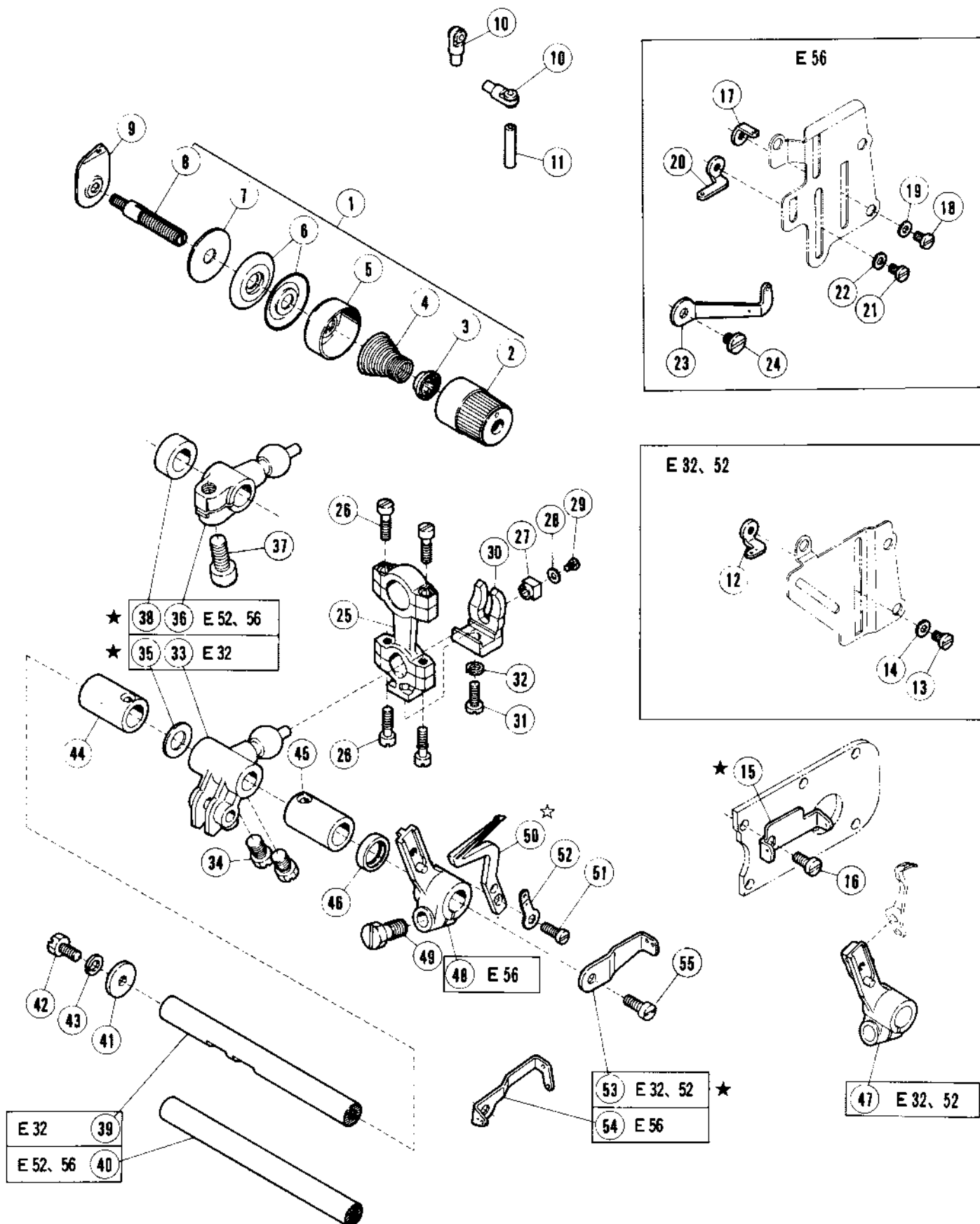
PLEASE NOTE:

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UPPER LOOPER DRIVE MECHANISM (2)

REF. NO.	PART NO.	NAME	QT.	MEMO
★ 1	210104	LEVER/UPPER LOOPER HOLDER	1	
2	5284	SCREW	1	
★ 3	210748	UPPER LOOPER HOLDER ASSEMBLY	1	
4	210106	UPPER LOOPER HOLDER	1	
5	210107	GUIDE/UPPER LOOPER HOLDER	1	
☆ 6	XXXXXX	UPPER LOOPER	1	
7	1998-2	SCREW	1	
☆ 8	XXXXXX	SPREADER	1	
9	210105	PIN	1	
10	5292	SCREW	1	
11	202175	OIL WICK	1	
12	204274	OIL FELT	1	
13	204274	OIL FELT	1	
14	210110	BUSHING	1	
15	210111	OIL RELEASE PLUG	1	
16	202174	OIL WICK	1	
17	210112	OIL FELT	1	
18	210113	SET PLATE	1	
19	4009-1	SCREW	1	
20	210721	OIL FELT	1	
21	211995	UPPER LOOPER HOLDER BASE	1	
22	210108	BASE/UPPER LOOPER HOLDER GUIDE	1	
23	210109	BUSHING	1	
24	5408	SCREW	1	
25	5282	SCREW	2	
26	210118	GASKET	2	
27	202175	OIL WICK	1	
28	212116	OIL FELT	1	
29	210115	SET PLATE	1	
30	5012	SCREW	2	
31	204657	THREAD TUBE	1	
32	5292	SCREW	1	
33	208173	CAP	1	



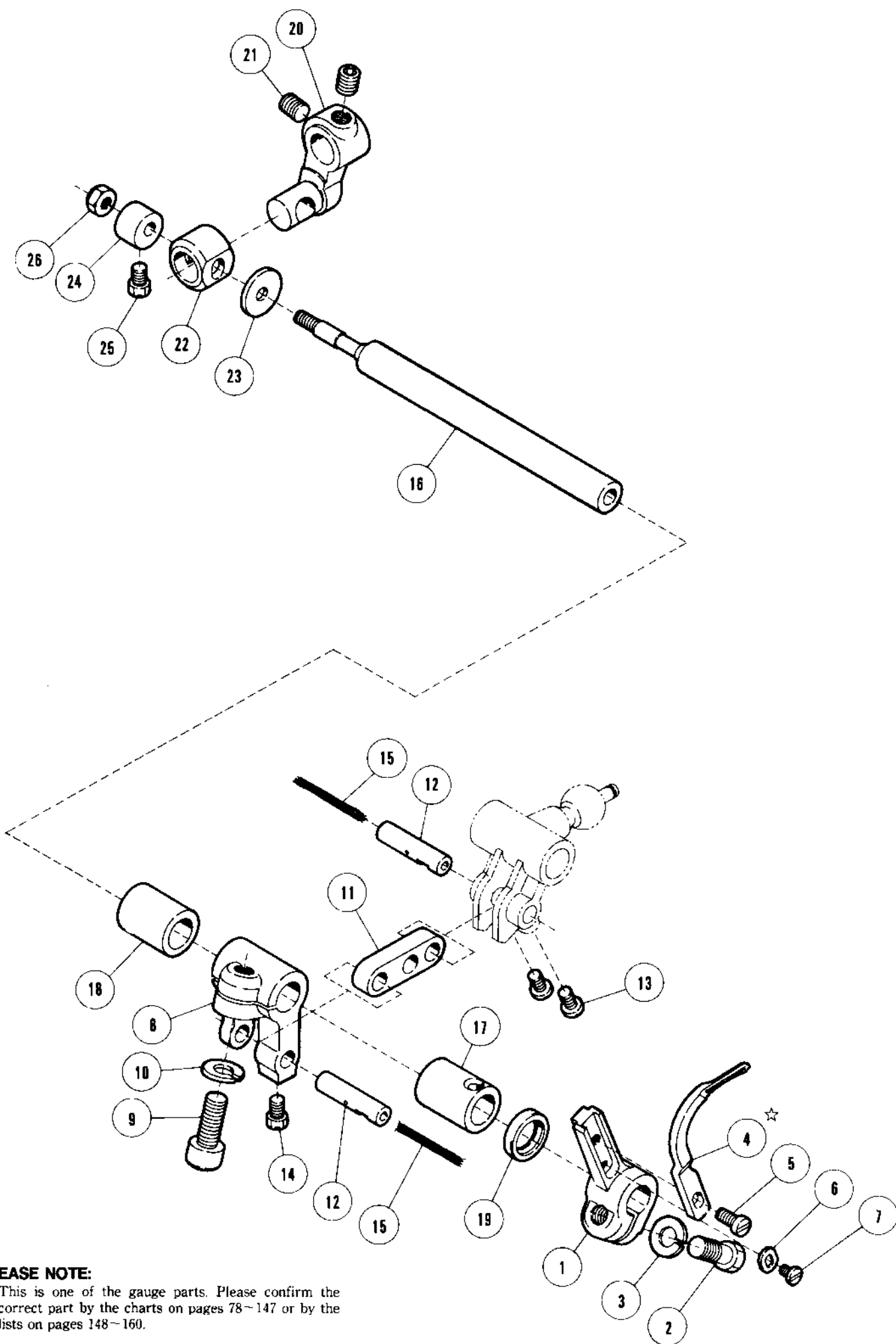
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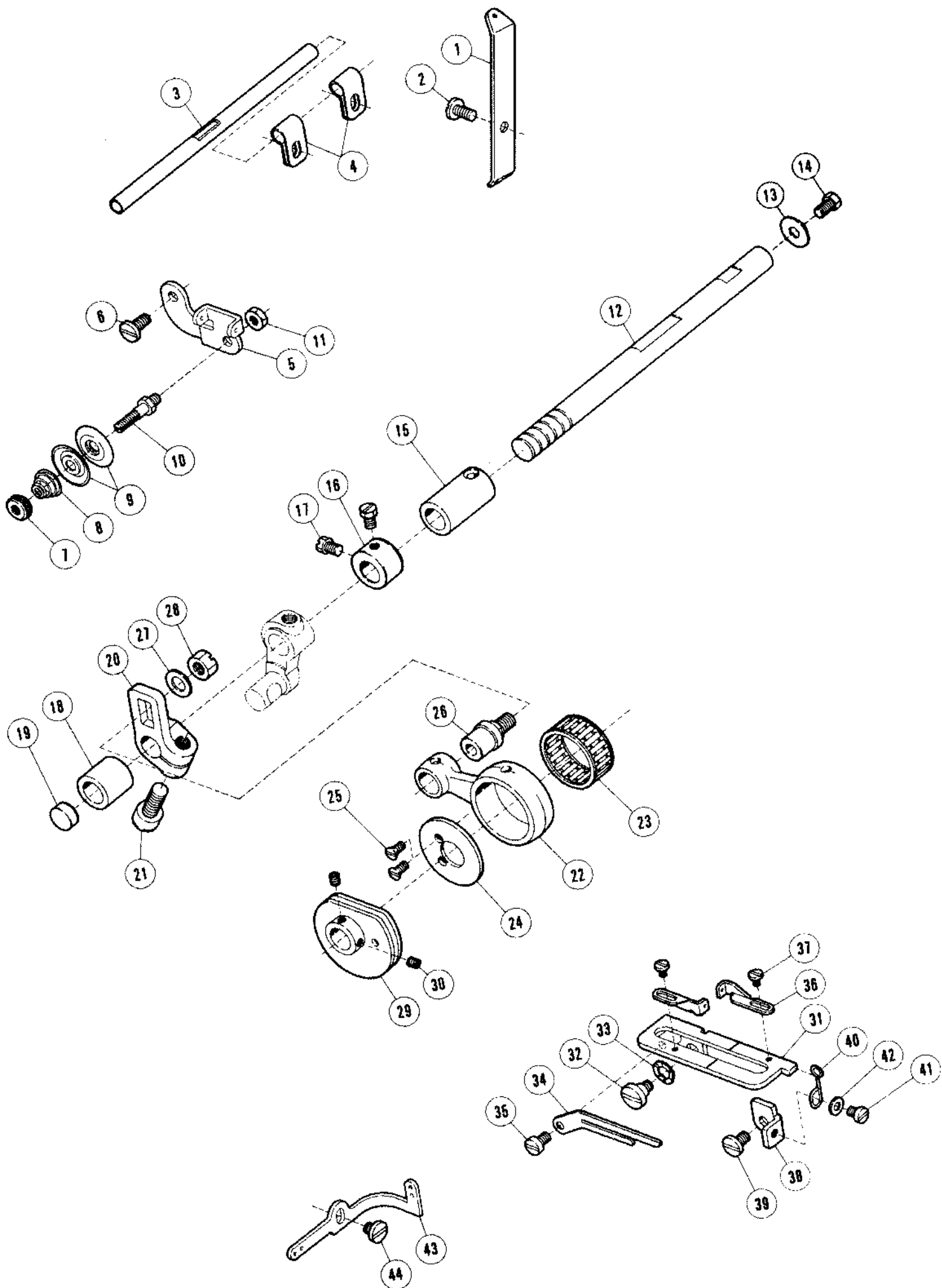
LOWER LOOPER DRIVE MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210530	TENSION NUT COMPLETE (MEDIUM)	1	
2	208447	POST NUT	1	
3	208448	SPRING BUSHING	1	
4	201086	TENSION SPRING (MEDIUM)	1	
5	208450	CUP	1	
6	210319	DISC	2	
7	208449	FELT	1	
8	5082A	POST	1	
9	202849	TENSION GUIDE	1	
10	201439A	EYELET	2	
11	204657	THREAD TUBE	1	
12	211391	THREAD GUIDE RIGHT	1	
13	5519	SCREW	1	
14	202875	WASHER	1	
★15	211402	THREAD GUIDE CENTER	1	
16	5441	SCREW	1	
17	201089	THREAD GUIDE (RIGHT)	1	
18	5519	SCREW	1	
19	202875	WASHER	1	
20	202859	THREAD GUIDE (CENTER)	1	
21	5519	SCREW	1	
22	202875	WASHER	1	
23	210347	LOWER LOOPER THREAD GUIDE	1	
24	4009-1	SCREW	1	
25	210091	CONNECTION/LOWER LOOPER DRIVE	1	
26	5376	SCREW	4	
27	210093	BLOCK/CONNECTION	1	
28	210585	WASHER	1	
29	1231	SCREW	1	
30	210092	GUIDE/CONNECTION	1	
31	5546	SCREW	1	
32	202286	WASHER	1	
★33	210736	CRANK/LOWER LOOPER DRIVE/H LFT	1	
34	2022-4	SCREW	2	
★35	204789	THRUST WASHER	1	
★36	210734	CRANK/LOWER LOOPER DRIVE/S LFT	1	
37	5457	SCREW	1	
★38	210122	WASHER	1	
39	210281	SHAFT/LOWER LOOPER LEVER	1	
40	210123	SHAFT/LOWER LOOPER LEVER	1	
41	204107	THRUST WASHER	1	
42	2193	SCREW	1	
43	202286	WASHER	1	
44	210125	BUSHING	1	
45	210124	BUSHING	1	
46	210586	OIL SEAL	1	
47	210725	LOWER LOOPER LEVER/FOR 210724	1	
48	210126	LOWER LOOPER LEVER	1	
49	5487	SCREW	1	
☆50	XXXXXX	LOWER LOOPER	1	
51	1175-2	SCREW	1	
52	210353	THREAD GUIDE (LEFT)	1	
★53	211401	LOWER LOOPER THREAD TAKEUP	1	
54	210348	LOWER LOOPER THREAD TAKEUP	1	
55	2902	SCREW	1	



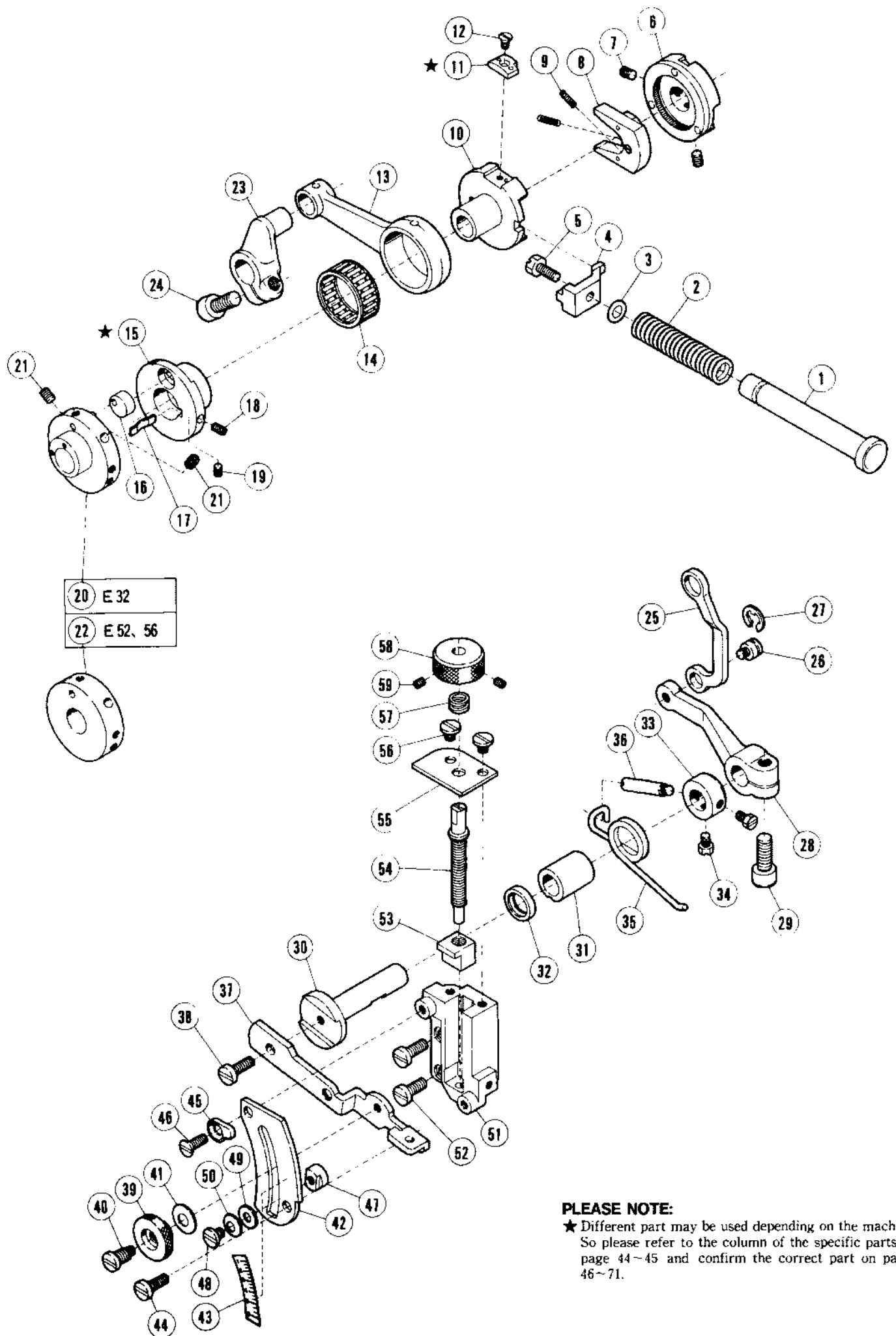
E32 CHAINSTITCH LOOPER DRIVE MECHANISM (1)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210298	LOOPER HOLDER	1	
2	5487	SCREW	1	
3	204293	WASHER	1	
☆ 4	210357	CHAINSTITCH LOOPER	1	
5	1175-2	SCREW	1	
6	210299	LOOPER REGULATOR	1	
7	2922	SCREW	1	
8	210294	CRANK/LOOPER DRIVE	1	
9	5457	SCREW	1	
10	204293	WASHER	1	
11	208194	LINK/LOOPER DRIVE	1	
12	208195	PIN	2	
13	5328	SCREW	2	
14	5084	SCREW	1	
15	202176	OIL WICK	2	
16	208196	SHAFT/LOOPER DRIVE	1	
17	210296	BUSHING	1	
18	210297	BUSHING	1	
19	210586	OIL SEAL	1	
20	210288	LEVER/LOOPER AVOID	1	
21	5461	SCREW	2	
22	210289	BLOCK	1	
23	208028	WASHER	1	
24	208029	COLLAR	1	
25	5084	SCREW	1	
26	5353	NUT	1	



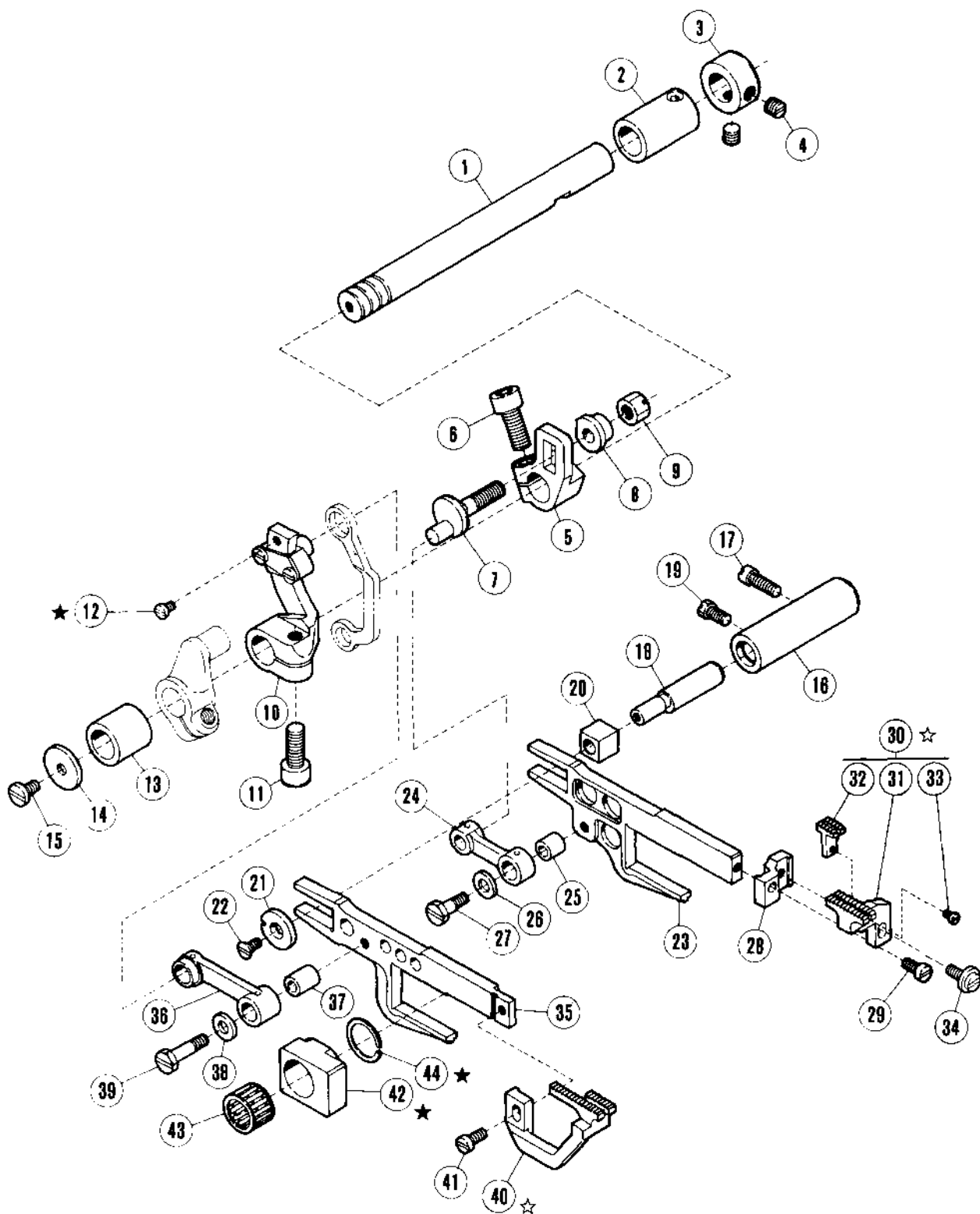
E32 CHAINSTITCH LOOPER DRIVE MECHANISM (2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210309	LOOPER THREAD GUIDE REAR	1	
2	5458	SCREW	1	
3	210310	LOOPER THREAD TUBE	1	
4	206115	TUBE CLAMP	2	
5	211386	BRACKET/LOOPER THREAD TENSION	1	
6	5459	SCREW	1	
7	5526	NUT	1	
8	211388	TENSION SPRING	1	
9	137108	DISC	2	
10	211387	TENSION POST	1	
11	3044	NUT	1	
12	212029	SHAFT/LOOPER AVOID	1	
13	204107	THRUST COLLAR	1	
14	2193	SCREW	1	
15	210125	BUSHING	1	
16	210293	COLLAR	1	
17	5084	SCREW	2	
18	210292	BUSHING	1	
19	205088	PLUG	1	
20	210287	CRANK/LOOPER AVOID	1	
21	5457	SCREW	1	
22	210284	CONNECTION/LOOPER AVOID	1	
23	205015	NEEDLE BEARING	1	
24	210283	COLLAR	1	
25	5495	SCREW	2	
26	210285	PIN	1	
27	202433	WASHER	1	
28	5455	NUT	1	
29	210300	LOOPER THREAD TAKEUP	1	
30	5292	SCREW	2	
31	210304	LOOPER THREAD GUIDE BRACKET	1	
32	5494	SCREW	1	
33	210307	WASHER	1	
34	210302	GUIDE/LOOPER THREAD TAKEUP	1	
35	1216	SCREW	1	
36	210303	EYELET/LOOPER THREAD TAKEUP	2	
37	5077	SCREW	2	
38	210308	STOPPER	1	
39	5453	SCREW	1	
40	210306	SPRING	1	
41	1234	SCREW	1	
42	137906	WASHER	1	
43	210311	LOOPER THREAD GUIDE FRONT	1	
44	4009-1	SCREW	1	



FEED MECHANISM (1)

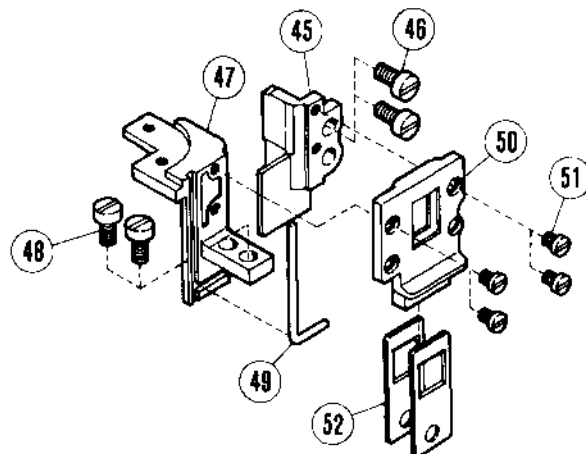
REF. NO.	PART NO.	NAME	QT.	MEMO
1	210137	PUSH BUTTON	1	
2	210139	SPRING	1	
3	204185	O RING	1	
4	210138	STOPPER	1	
5	2193	SCREW	1	
6	210136	RATCHET WHEEL COMPLETE	1	
7	5461	SCREW	2	
8	208411	FEED REGULATING RATCHET	1	
9	208415	SPRING	2	
10	211802	FEED REGULATING ECCENTRIC	1	
★11	211804	STOPPER	1	
12	5437	SCREW	1	
13	210140	CONNECTION/FEED DRIVE	1	
14	204084	NEEDLE BEARING	1	
★15	210127	FEED ECCENTRIC	1	
16	210129	GUIDE/FEED ECCENTRIC	1	
17	210130	SPRING	1	
18	5427	SCREW	1	
19	5292	SCREW	1	
20	210282	LOOPER AVOID ECCENTRIC	1	
21	5461	SCREW	2	
22	210128	FEED ECCENTRIC RETAINER	1	
23	210141	CRANK/FEED DRIVE	1	
24	5457	SCREW	1	
25	210161	LINK/DIFF. FEED REGULATING	1	
26	5316	SCREW	1	
27	202522	RING	1	
28	210162	RIGHT LEVER/DIFF. FEED REG.	1	
29	5457	SCREW	1	
30	210163	SHAFT/DIFF. FEED REGULATING	1	
31	210164	BUSHING	1	
32	204052A	OIL SEAL	1	
33	204754	THRUST COLLAR	1	
34	5084	SCREW	2	
35	204756	SPRING/DIFF. FEED REG.	1	
36	204757	LATCH SCREW	1	
37	210166	LEFT LEVER/DIFF. FEED REG.	1	
38	5117	SCREW	1	
39	210167	THUMB NUT	1	
40	5486	SCREW	1	
41	211301	SPRING WASHER	1	
42	210168	DIFF. FEED REG. GUIDE	1	
43	210170	INDICATION PLATE	1	
44	5117	SCREW	1	
45	210700	STOPPER	1	
46	1732	SCREW	1	
47	210171	STOPPER	1	
48	2905	SCREW	1	
49	201185	WASHER	1	
50	201191	WASHER	1	
51	211314	DIFF FEED REG. BASE	1	
52	5118	SCREW	2	
53	210535	BLOCK/DIFF. FEED REGULATING	1	
54	210172	DIFF FEED REGULATING BAR	1	
55	210534	GUIDE/DIFF. FEED REG. BAR	1	
56	5091	SCREW	2	
57	210533	SPRING	1	
58	210532	THUMB NUT	1	
59	5292	SCREW	2	



PLEASE NOTE:

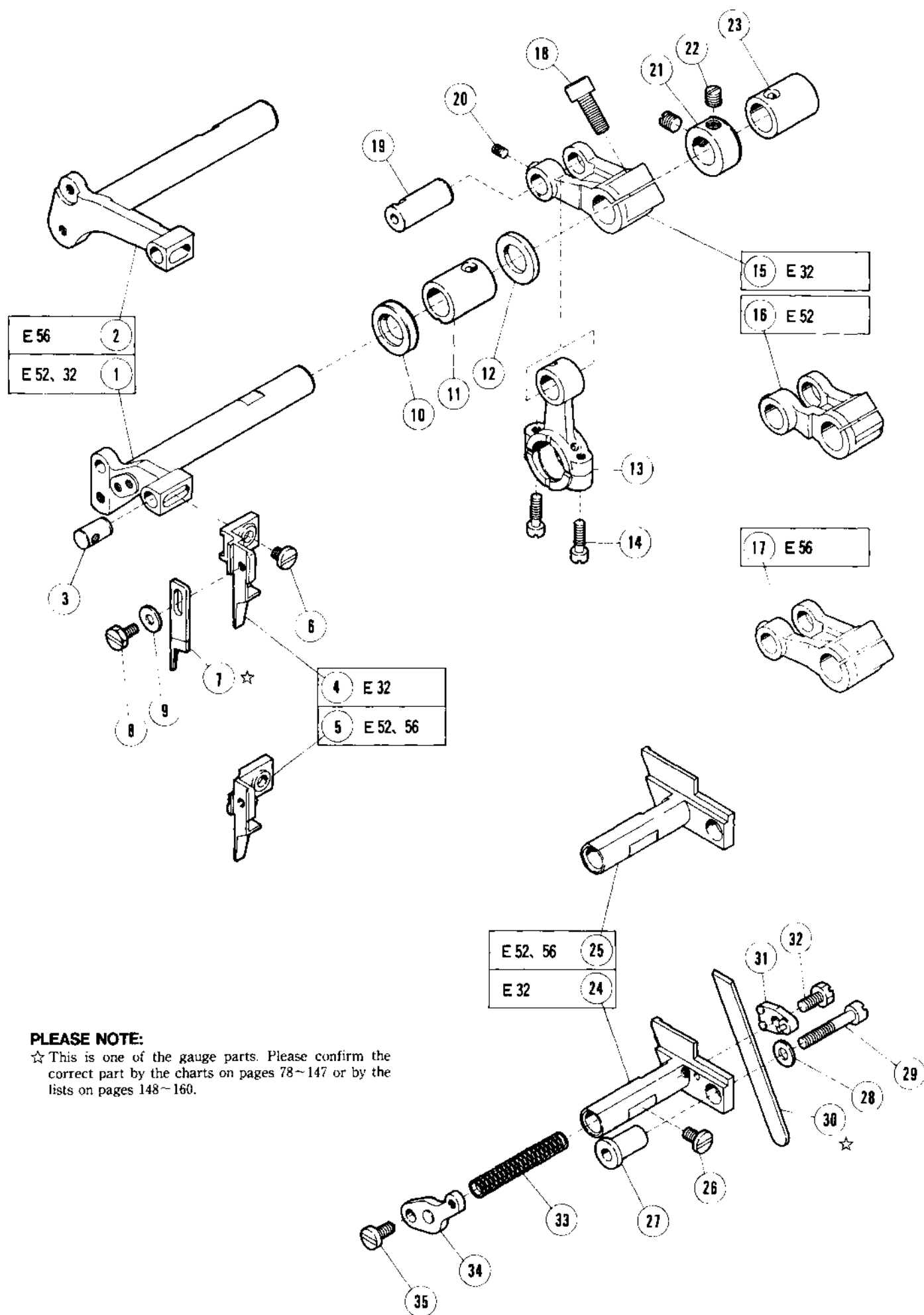
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46~71.

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lists on pages 148~160.



FEED MECHANISM(2)

REF. NO.	PART NO.	NAME	QT.	MEMO
1	212028	FEED SHAFT	1	
2	210102	BUSHING	1	
3	201635	COLLAR	1	
4	5060	SCREW	2	
5	210144	CRANK/MAIN FEED	1	
6	5457	SCREW	1	
7	210145	PIN	1	
8	210146	WASHER	1	
9	5455	NUT	1	
10	210152	CRANK COMPLETE/DIFF. FEED	1	
11	5457	SCREW	1	
12	5346	SCREW	1	
13	210143	BUSHING	1	
14	210100	WASHER	1	
15	4009-1	SCREW	1	
16	204129A	BUSHING	1	
17	2133-1	SCREW	1	
18	204128A	FEED BAR PIN	1	
19	5084	SCREW	1	
20	205418	BLOCK/FEED BAR GUIDE	1	
21	204439A	WASHER	1	
22	5317	SCREW	1	
23	210154	MAIN FEED BAR	1	
24	210147	LINK/MAIN FEED	1	
25	210148	BUSHING	1	
26	204115	THRUST WASHER	1	
27	5489	SCREW	1	
28	210343	BRACKET/MAIN FEED DOG	1	
29	1175-2	SCREW	1	
☆30	XXXXXX	MAIN FEED DOG COMPLETE	1	
☆31	XXXXXX	MAIN FEED DOG	1	
☆32	XXXXXX	AUX. FEED DOG	1	
33	5492	SCREW	1	
34	5590	SCREW	1	
35	210155	DIFF FEED BAR	1	
36	210153	LINK/DIFF. FEED	1	
37	204114	BUSHING	1	
38	208245	WASHER	1	
39	5231	SCREW	1	
☆40	XXXXXX	DIFF. FEED DOG	1	
41	1175-2	SCREW	1	
★42	210156	BLOCK/FEED BAR LIFT	1	
43	206128	NEEDLE BEARING	1	
★44	206129	STOP RING	1	
45	210157	FEED BAR GUIDE RIGHT	1	
46	5205	SCREW	2	
47	210158	FEED BAR GUIDE LEFT	1	
48	2902	SCREW	2	
49	208168	O RING	1	
50	210160	GUIDE/FEED BAR OIL SEAL	1	
51	5346	SCREW	4	
52	210159	FEED BAR OIL SEAL	2	

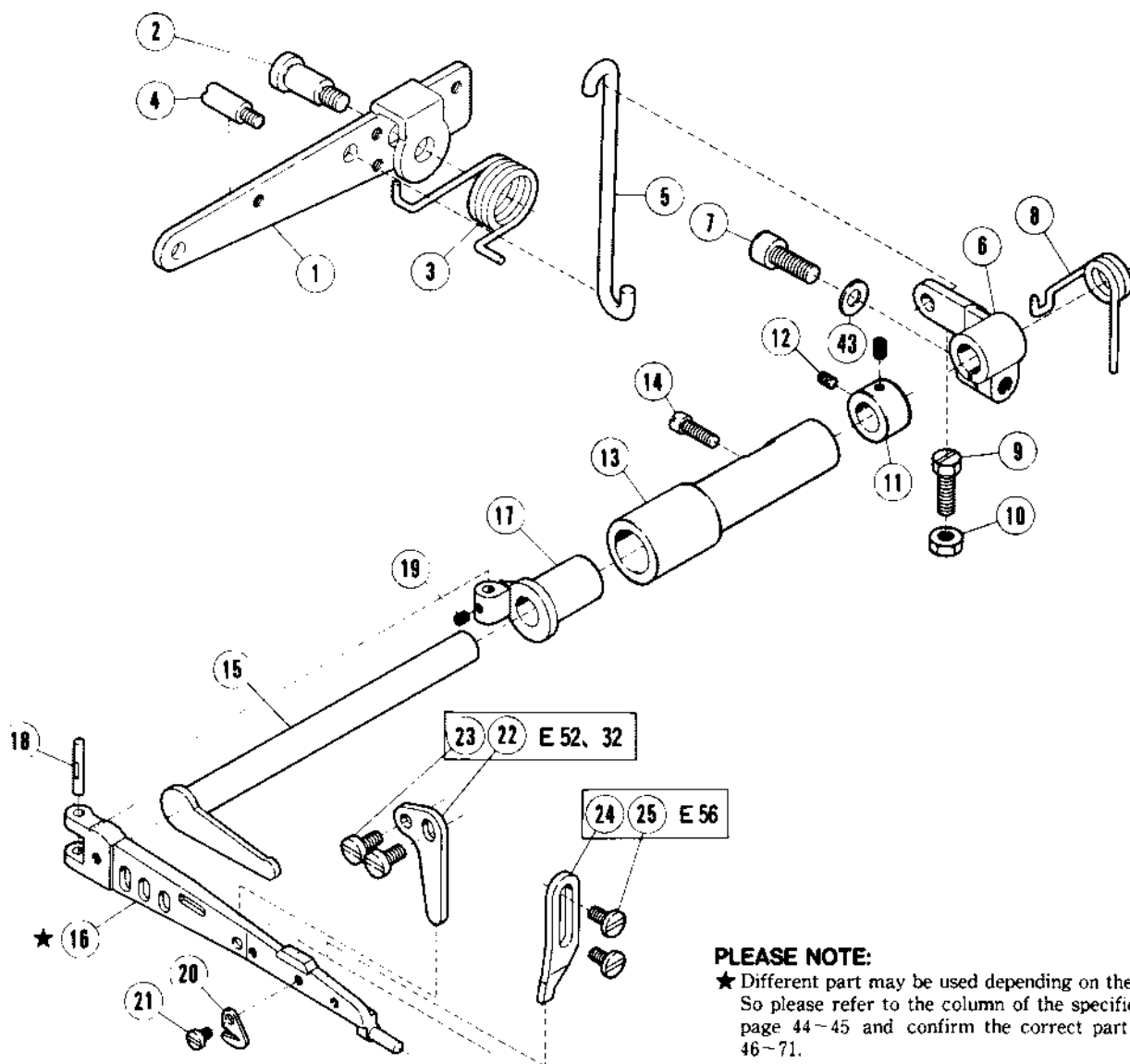


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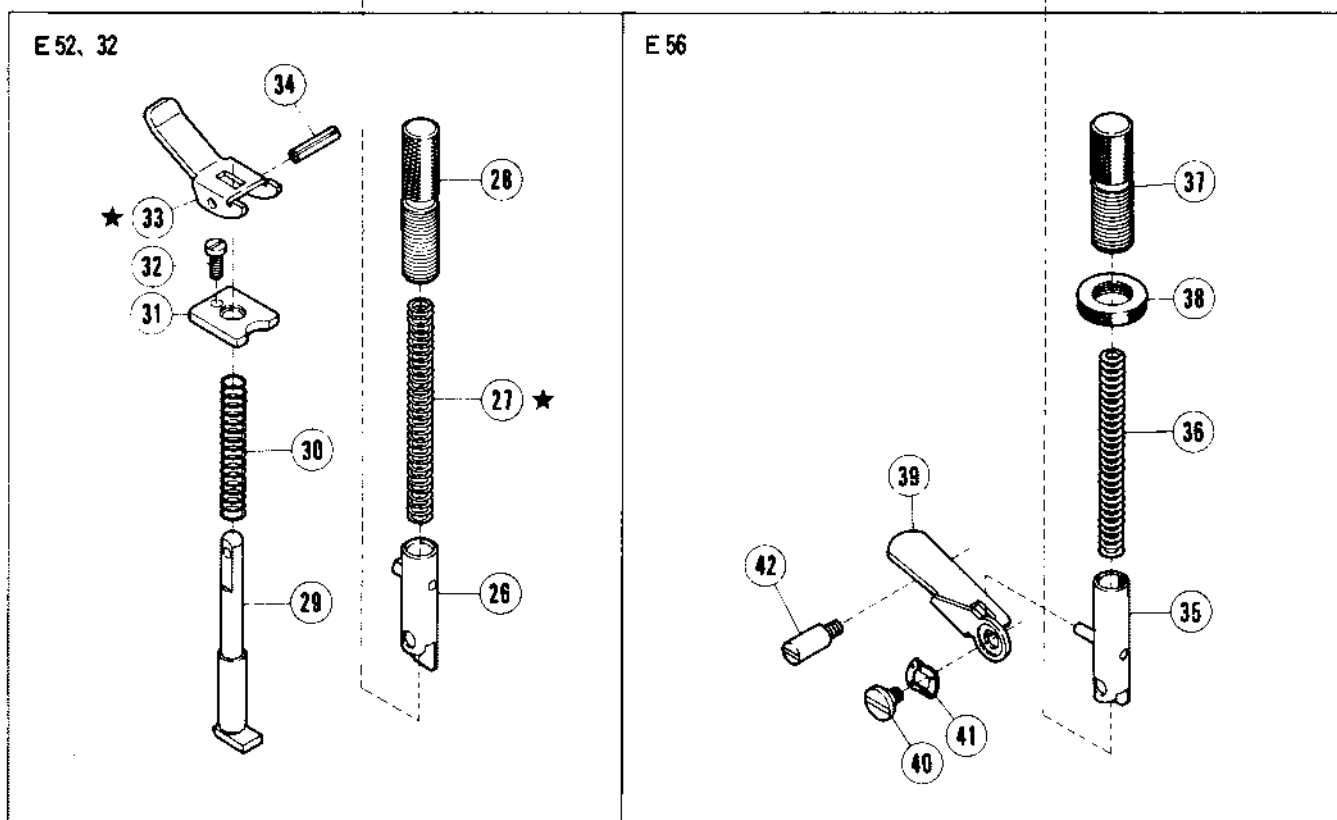
KNIFE DRIVE MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210269	UPPER KNIFE LEVER	1	
2	210176	UPPER KNIFE LEVER	1	
3	208579	PIN	1	
4	210315B	UPPER KNIFE CLAMP	1	
5	210178A	UPPER KNIFE CLAMP		
6	5118	SCREW	1	
☆ 7	XXXXXX	UPPER KNIFE	1	
8	5088	SCREW	1	
9	211376	WASHER	1	
10	210069	OIL SEAL	1	
11	210068	BUSHING	1	
12	206180	THRUST WASHER	1	
13	210173	CONNECTION/UPPER KNIFE DRIVE	1	
14	5376	SCREW	2	
15	210314	CRANK/UPPER KNIFE DRIVE	1	
16	210268	CRANK/UPPER KNIFE DRIVE	1	
17	210174	CRANK/UPPER KNIFE DRIVE		
18	5457	SCREW	1	
19	210175	PIN	1	
20	5461	SCREW	1	
21	201635	COLLAR	1	
22	5060	SCREW	2	
23	210067	BUSHING	1	
24	210316	LOWER KNIFE HOLDER	1	
25	210179	LOWER KNIFE HOLDER	1	
26	4009-1	SCREW	1	
27	210180	GUIDE LOWER KNIFE HOLDER	1	
28	201185	WASHER	1	
29	5094	SCREW	1	
☆ 30	XXXXXX	LOWER KNIFE	1	
31	210184	CLAMP/LOWER KNIFE	1	
32	2193	SCREW	1	
33	202340	SPRING	1	
34	210183	SPRING RETAINER	1	
35	5117	SCREW	1	



PLEASE NOTE:

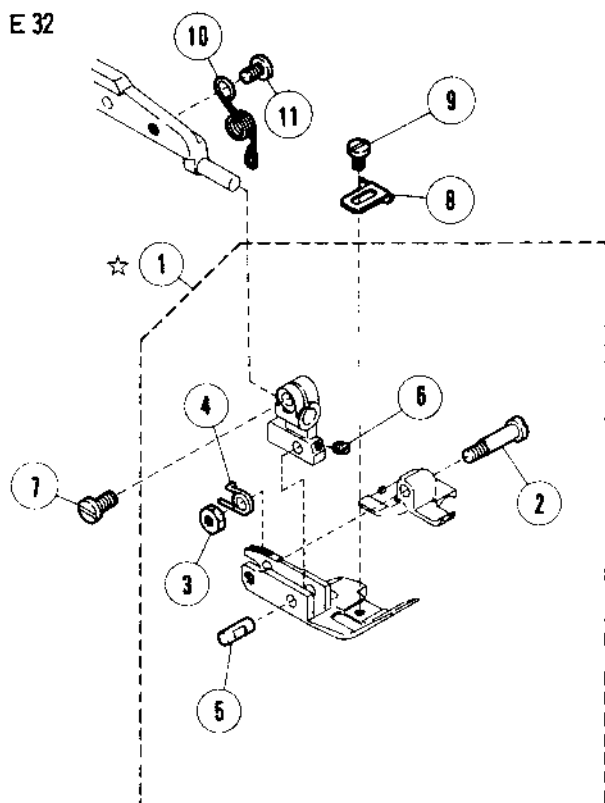
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PRESSER FOOT MECHANISM(1)

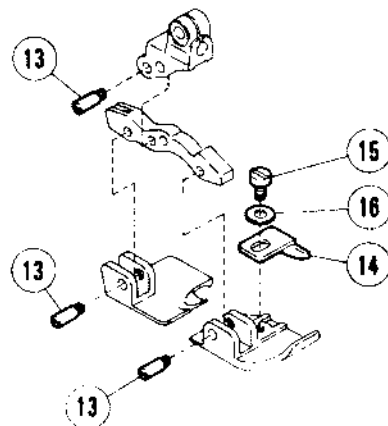
REF. NO.	PART NO.	NAME	QT.	MEMO
1	211636	FOOT LIFT LEVER	1	
2	2285	SCREW	1	
3	211637	SPRING	1	
4	5481	SCREW	1	
5	210335	LINK/FOOT LIFT LEVER	1	
6	210329	INTERMEDIATE LEVER	1	
7	5457	SCREW	1	
8	210330	SPRING	1	
9	5276	SCREW	1	
10	5426	NUT	1	
11	210728	THRUST COLLAR	1	
12	5292	SCREW	2	
13	210727	BUSHING	1	
14	2133-1	SCREW	1	
15	210326	SHAFT/FOOT LIFT	1	
★16	210321	PRESSER ARM	1	
17	210322	HINGE/PRESSER ARM	1	
18	210323	PIN	1	
19	5292	SCREW	1	
20	202451	CHAINCUTTER	1	
21	2921	SCREW	1	
22	210517	STOPPER/PRESSER ARM	1	
23	5117	SCREW	2	
24	210325	STOPPER/PRESSER ARM	1	
25	4009-1	SCREW	2	
26	208537	PRESSER ARM GUIDE	1	
★27	210337	SPRING	1	
28	208774	THUMB SCREW	1	
29	202645	PLUNGER	1	
30	201395	SPRING	1	
31	208599	BUSHING	1	
32	5029	SCREW	1	
★33	208598	HAND LIFT LEVER	1	
34	202647A	PIN	1	
35	210336	PRESSER ARM GUIDE	1	
36	210337	SPRING	1	
37	210324	ADJUST SCREW	1	
38	210328	ADJUST SCREW NUT	1	
39	210338	HAND LIFT LEVER	1	
40	5554	SCREW	1	
41	210307	WASHER	1	
42	5232	PIN-SCREW	1	
43	207924	WASHER	1	

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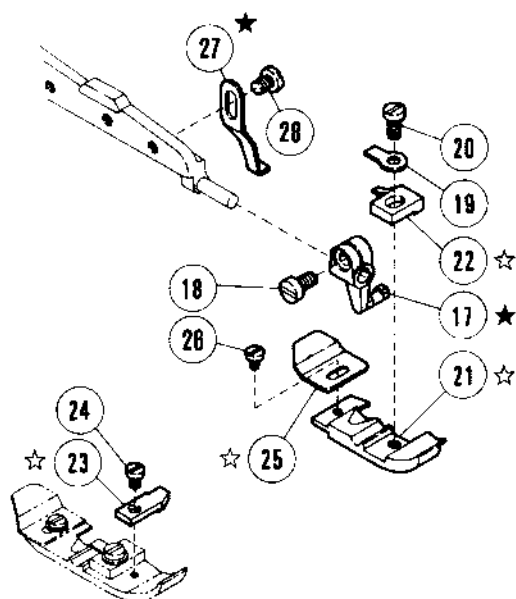


12 ☆

E32 TRACTOR FOOT

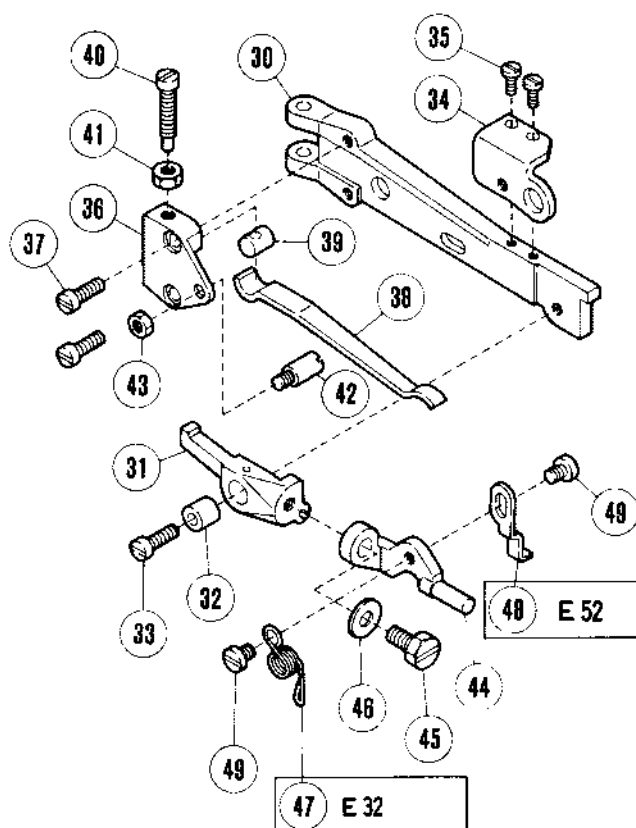


E 52, 56



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E32/E52 FLOATING PRESSER ARM

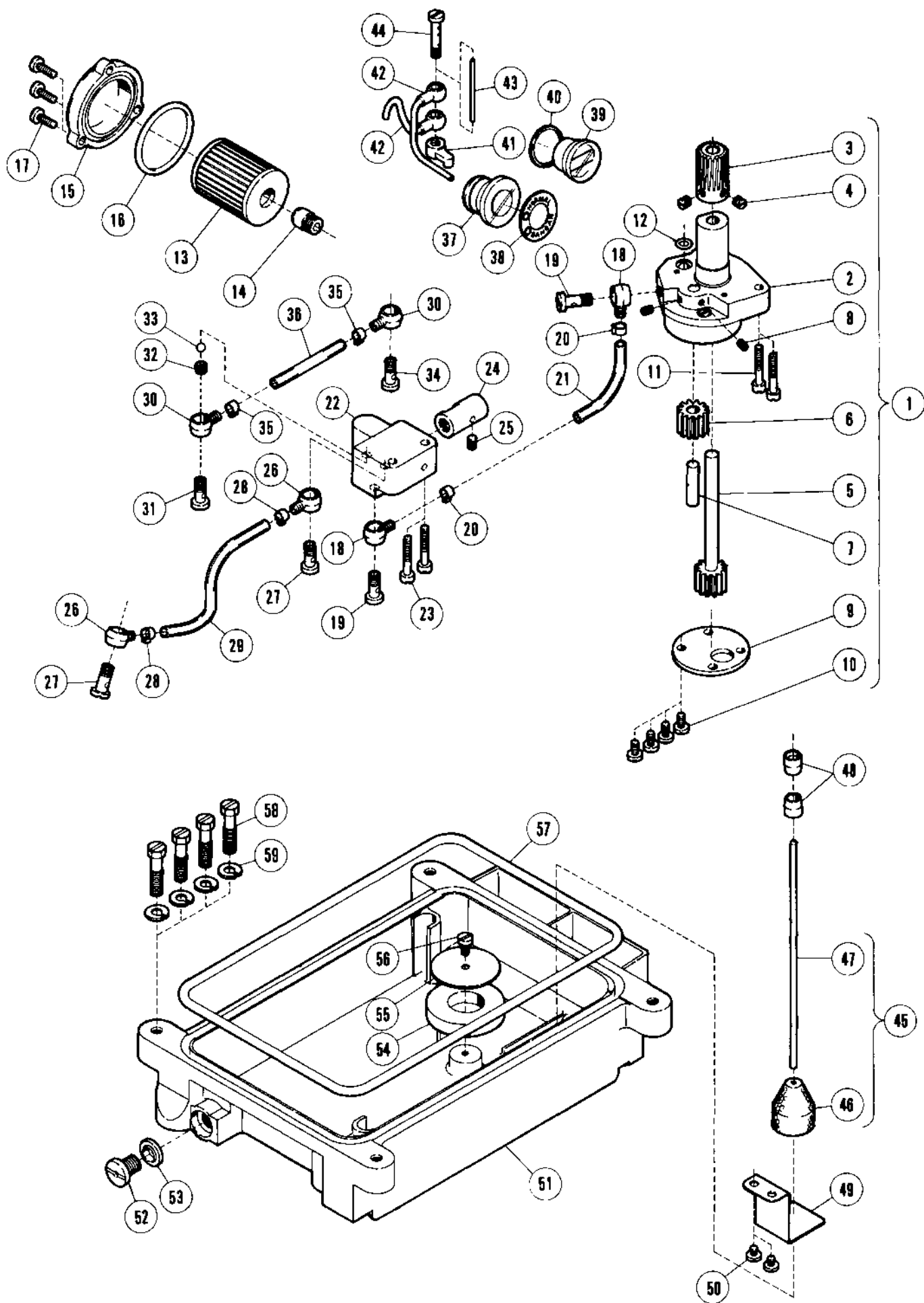
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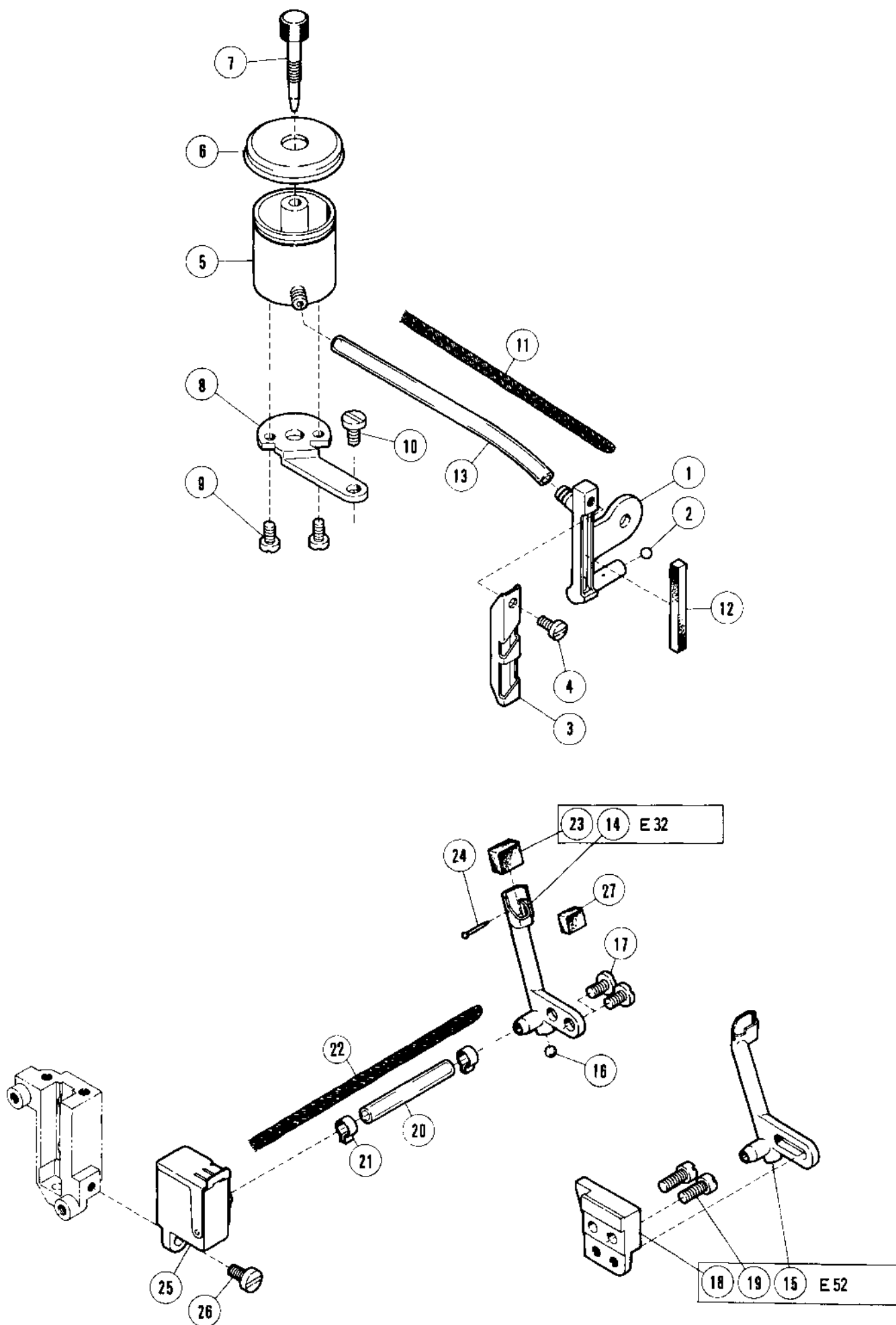
PRESSER FOOT MECHANISM (2)

REF. NO.	PART NO.	NAME	QT.	MEMO
☆ 1	XXXXXX	PRESSER FOOT COMPLETE	1	
2	208528	HINGE PIN	1	
3	5409	NUT	1	
4	208913	SPRING	1	
5	208527	PIN	1	
6	5223	SCREW	1	
7	5328	SCREW	1	
8	208531	FABRIC GUARD	1	
9	5030	SCREW	1	
10	210341	PRESSER FOOT SPRING	1	
11	2921	SCREW	1	
☆12	XXXXXX	TRACTOR FOOT COMPLETE	1	
13	208958	PIN-SCREW	1	
14	204683	FABRIC GUARD	1	
15	5157	SCREW	1	
16	202875	WASHER	1	
★17	208525	BRACKET/PRESSER FOOT	1	
18	5328	SCREW	1	
19	201156	SET PLATE/PRESSER FOOT	1	
20	5089	SCREW	1	
☆21	XXXXXX	PRESSER FOOT		
☆22	XXXXXX	FINGER	1	
☆23	XXXXXX	FABRIC GUARD	1	
24	1231	SCREW	1	
☆25	XXXXXX	UNCURLER	1	
26	5030	SCREW	1	
★27	210340	STOPPER	1	
28	2921	SCREW	1	
29	211568	FLOATING PRESSER ARM	1	
30	211509	PRESSER ARM	1	
31	211510	LEVER	1	
32	211511	BUSHING	1	
33	5003	SCREW	1	
34	211512	LEVER HOLDER	1	
35	2922	SCREW	2	
36	211513	BRACKET	1	
37	5003	SCREW	2	
38	211514	FLAT SPRING	1	
39	211515	PIN	1	
40	5538	SCREW	1	
41	3091	NUT	1	
42	5539	SCREW	1	
43	5409	NUT	1	
44	211516	BRACKET	1	
45	2193	SCREW	1	
46	201185	WASHER	1	
47	211517	SPRING	1	
48	209314	STOPPER	1	
49	2921	SCREW	1	



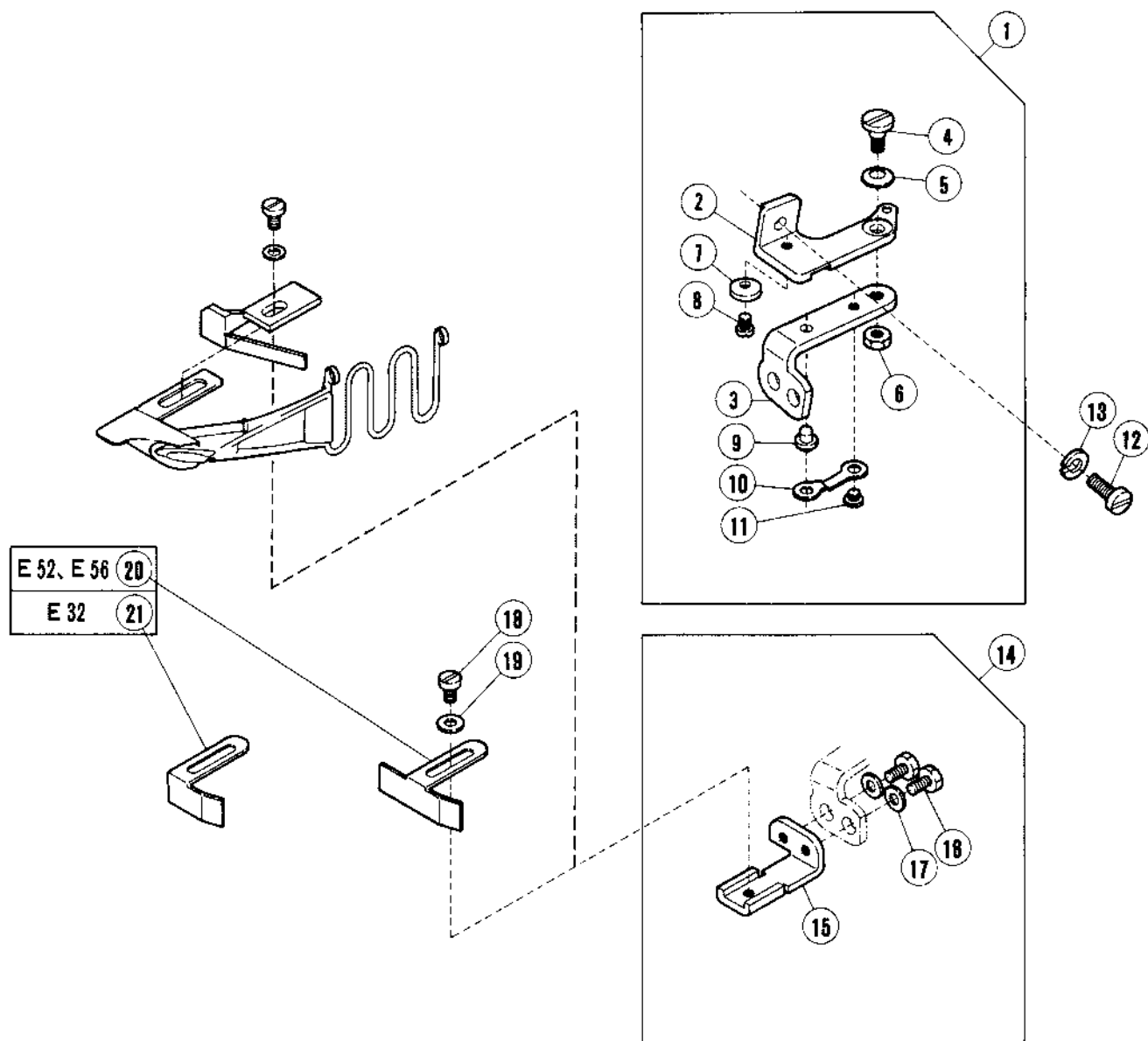
LUBRICATING MECHANISM

REF. NO.	PART NO.	NAME	QT.	MEMO
1	211532	GEAR PUMP COMPLETE	1	
2	210188	GEAR PUMP	1	
3	211531	WORM WHEEL	1	
4	5060	SCREW	2	
5	208687	PUMP GEAR RIGHT	1	
6	201295	PUMP GEAR LEFT	1	
7	204184	LEFT GEAR SHAFT	1	
8	1458	SCREW	2	
9	201293A	PLATE	1	
10	5117	SCREW	4	
11	5095	SCREW	2	
12	204185	O RING	1	
13	206233	OIL FILTER	1	
14	210200	BRACKET/OIL FILTER	1	
15	210201-FD	OIL FILTER CAP	1	
16	206431	O RING	1	
17	5118	SCREW	3	
18	200136	OIL SPLASH JOINT	2	
19	200152	OIL SPLASH SCREW	2	
20	202199	TUBE CLAMP	2	
21	210701	BY-PASS PIPE	1	
22	210207	BY-PASS COMPLETE	1	
23	5095	SCREW	2	
24	205635	BY-PASS VALVE	1	
25	1458	SCREW	1	
26	200136	OIL SPLASH JOINT	2	
27	200152	OIL SPLASH SCREW	2	
28	202199	TUBE CLAMP	2	
29	205763	OIL TUBE	1	
30	200136	OIL SPLASH JOINT	2	
31	200152	OIL SPLASH SCREW	1	
32	210744	BRACKET/OIL FLOW VALVE	1	
33	200144	BALL	1	
34	200152	OIL SPLASH SCREW	1	
35	202199	TUBE CLAMP	2	
36	210208	OIL TUBE	1	
37	210198	OIL MONITOR COMPLETE	1	
38	210199	NAME PLATE/OIL MONITOR	1	
39	210190	OIL LEVEL GAUGE	1	
40	211369	WASHER/OIL LEVEL GAUGE	1	
41	210202	LUBRICATION BLOCK	1	
42	210203	OIL DISTRIBUTOR	2	
43	210205	OIL FLOW ADJUST PIN	1	
44	210204	SCREW	1	
45	210193	INDICATOR COMPLETE	1	
46	210191	FLOAT	1	
47	210192	INDICATOR	1	
48	210194	INDICATOR GUIDE	2	
49	210510	INDICATOR SUPPORT	1	
50	2905	SCREW	2	
51	210211	OIL RESERVOIR	1	
52	5138B	SCREW	1	
53	202287A	PACKING	1	
54	210520	MAGNET	1	
55	210521	MAGNET BRACKET	1	
56	5117	SCREW	1	
57	210212	O RING	1	
58	5133	BOLT	4	
59	202045	WASHER	4	



H.R. DEVICE

REF. NO.	PART NO.	NAME	QT.	MEMO
1	211315-ME	NEEDLE THREAD LUBRICATOR	1	
2	210214	PLUG	1	
3	211316	THREAD GUIDE	1	
4	1202	SCREW	1	
5	202476-1	SILICONE OIL RESERVOIR	1	
6	202476-4	CAP	1	
7	202476-3	SILICONE OIL REGULATOR	1	
8	211317	BRACKET	1	
9	1202	SCREW	2	
10	5117	SCREW	1	
11	202176	OIL WICK	1	
12	211318	OIL FELT	1	
13	211319	OIL TUBE	1	
14	210317	NEEDLE COOLER	1	
15	210213	NEEDLE COOLER	1	
16	210214	PLUG	1	
17	5091	SCREW	2	
18	210215	BRACKET/NEEDLE COOLER	1	
19	5002	SCREW	2	
20	211639	OIL TUBE	1	
21	202199	TUBE CLAMP	2	
22	202176	OIL WICK	1	
23	204466	OIL FELT	1	
24	210766	PIN	1	
25	210539	SILICONE RESERVOIR COMPLETE	1	
26	5459	SCREW	1	
27	240178	FELT	1	



FABRIC EDGE GUIDE

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210685	CLOTH GUIDE BRACKET ASSEMBLY	1	
2	210680	CLOTH GUIDE BRACKET	1	
3	210681	HINGE	1	
4	5184	SCREW	1	
5	201191	WASHER	1	
6	3044	NUT	1	
7	210682	STOPPER	1	
8	5053	SCREW	1	
9	210683	HINGE PIN	1	
10	210684	HINGE SPRING	1	
11	2906	SCREW	1	
12	5118	SCREW	1	
13	202286	WASHER	1	
14	210686	BRACKET COMPLETE/EDGE GUIDE	1	
15	210687	EDGE GUIDE BRACKET	1	
16	5088	SCREW	2	
17	167066	WASHER	2	
18	1202	SCREW	1	
19	167066	WASHER	1	
20	204667	EDGE GUIDE	1	
21	201233A	EDGE GUIDE	1	

SPECIFIC PARTS ①
GAUGE PARTS ②

E32	①	②
E32-355	52-53	96-97
" 359	"	"
" 555	"	"
" 559	"	"
515-E32-410 /211-	—	78-79
" 410 /212-	—	"
" 410A /212-	50-51	"
" 410B /212-	"	"
" 411 /232-	—	82-83
" 420 /213-	—	80-81
" 420A /213-	50-51	"
" 420B /213-	"	"
" 430 /233-	—	82-83
" 431 /233-	50-51	"
" 440 /255-	—	84-85
" 450 /335-	50-51	86-87
" 451 /355-	"	"
" 452 /435-	"	"
" 453 /455-	"	"
" 540 /233-	46-47	88-89
" 541 /335-	46-49	"
" 542 /253-	46-47	90-91
" 542P1/253-	46-49	92-93
" 542P2/253-	"	"
" 543 /355-	"	90-91
" 550 /213-	52-53	94-95
" 551 /233-	"	"

SPECIFIC PARTS ①

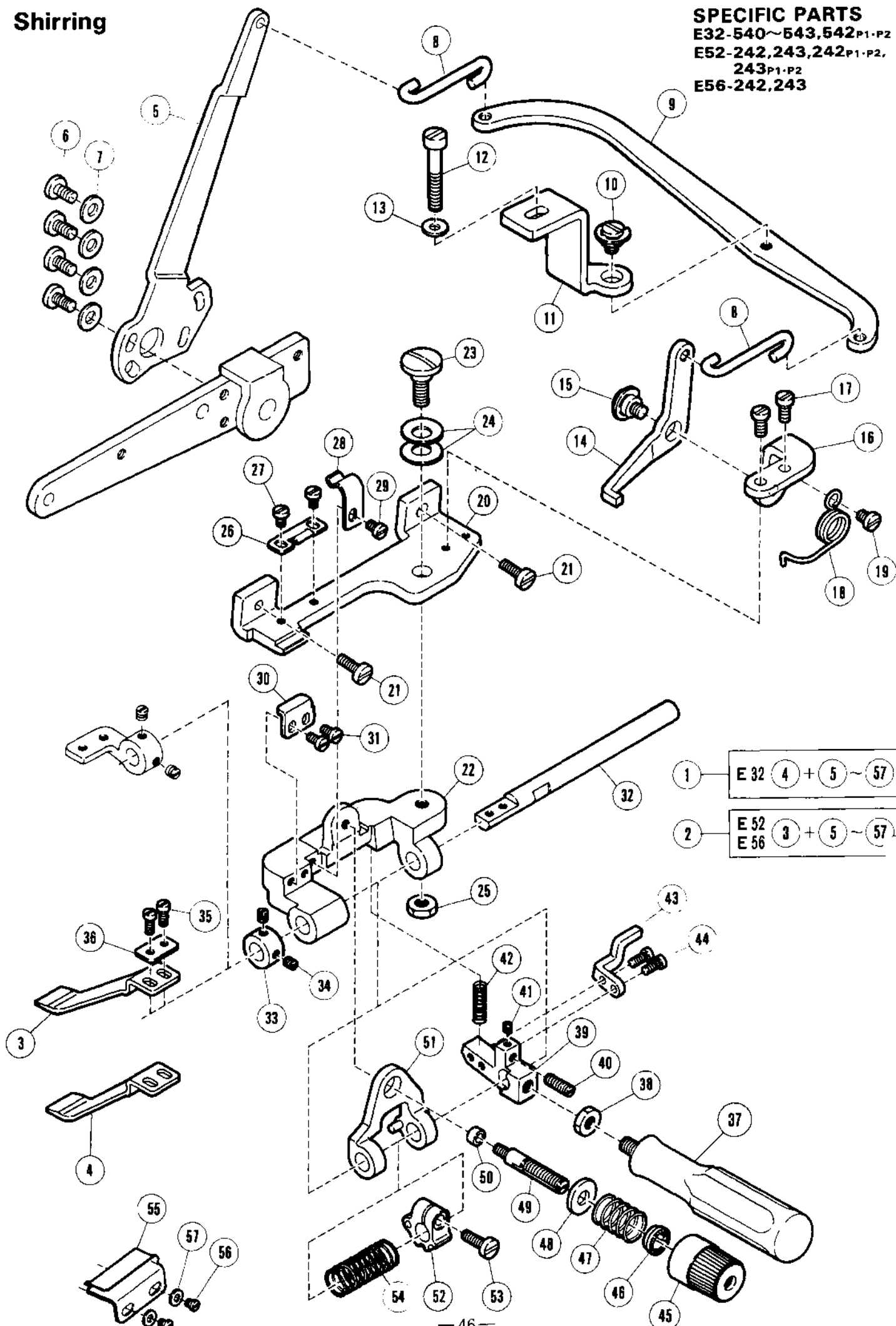
GAUGE PARTS ②

E52	①	②
504-E52-121 /233-W	60-61	98-99
" 121 /243-N	"	"
" 121T /243-N	"	"
" 130 /253-W	—	102-103
" 130 /263-N	—	100-101
" 130P1/253-W	56-57	120-121
" 130P2/253-W	"	"
" 130T /263-N	60-61	100-101
512-E52-131 /353-W	"	104-105
514-E52-131 /353-W	"	"
" 131P1/353-W	56-57	120-121
" 131P2/353-W	"	"
" 132 /363-W	60-61	104-105
" 133 /363-N	"	"
" 133Z /363-N	—	"
504-E52-134 /233-W	—	114-115
512-E52-135 /373-W	60-61	106-107
504-E52-136 /253-W	—	102-103
514-E52-137 /323-N	60-61	108-109
" 140 /385-W	"	106-107
504-E52-141 /463-W	62-63	110-111
512-E52-142 /463-W	"	"
514-E52-142 /463-W	"	"
505-E52-210 /223-N	54-55	112-113
" 210C /223-N	"	"
503-E52-211 /223-N	"	"
505-E52-212 /223-N	"	"
503-E52-220 /233-W	66-67	114-115
504-E52-221 /365-W	—	116-117
503-E52-223 /203-W	66-67	"
504-E52-227 /485-W	—	"
503-E52-230 /233-W	—	118-119
504-E52-230 /233-W	—	"
" 231 /223-N	—	"
" 242 /253-W	46-47	122-123
" 242 /263-W	"	"
" 242P1/253-W	46-49	"
" 242P2/253-W	"	"
512-E52-243 /353-W	"	124-125
" 243 /363-W	"	"
514-E52-243 /353-W	"	"
" 243 /363-W	"	"
" 243P1/353-W	"	"
" 243P2/353-W	"	"
" 250 /363-N	62-63	126-127
" 250C /363-N	"	"
512-E52-252 /463-W	"	"
514-E52-252 /463-W	"	"
504-E52-260 /303-W	64-65	128-129
" 261 /403-W	"	"
" 350P1/253-W	58-59	120-121
" 350P2/253-W	"	"
514-E52-351P1/353-W	"	"
" 351P2/353-W	"	"

E56	①	②
504-E56-110/102-W	68-69	130-131
" 111/102-W	"	"
514-E56-120/243-N	—	136-137
504-E56-121/233-W	68-69	132-133
" 121/243-N	"	"
" 130/253-W	—	134-135
" 130/263-N	—	"
512-E56-131/253-W	—	136-137
514-E56-131/253-W	—	"
" 132/263-W	—	"
" 133/263-N	—	"
504-E56-134/233-W	—	132-133
" 136/253-W	—	134-135
505-E56-210/223-N	54-55	138-139
503-E56-211/223-N	"	"
" 220/233-W	66-67	"
" 223/203-W	"	"
" 230/133-W	68-69	140-141
" 230/233-W	"	"
" 231/123-N	"	"
504-E56-231/123-N	"	"
" 232/100-W	"	142-143
" 233/102-W	"	"
505-E56-234/204-N	"	"
504-E56-242/253-W	46-47	144-145
" 242/263-W	"	"
512-E56-243/253-W	"	"
" 243/263-W	"	"
514-E56-243/253-W	"	"
" 243/263-W	"	"
521-E56-270/100-N	70-71	146-147
505-E56-271/100-N	"	"
521-E56-272/202-N	"	"

Shirring

SPECIFIC PARTS
E32-540~543,542_{P1-P2}
E52-242,243,242_{P1-P2},
243_{P1-P2}
E56-242,243



1	E 32	4 + 5 ~ 57
2	E 52 E 56	3 + 5 ~ 57

SHIRRING ATTACHMENT

SPECIFIC PARTS

E32-540~543,542P1・P2

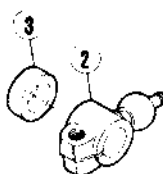
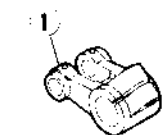
E52-242,243,242P1・P2,243P1・P2

E56-242,243

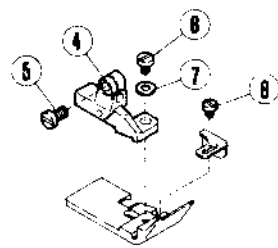
REF. NO.	PART NO.	NAME	QT.	MEMO
1	211101	SHIRRING ATTACHMENT	1	
2	211100	SHIRRING ATTACHMENT	1	
3	210954	BLADE		
4	210953	BLADE	1	
5	211092	LEVER	1	
6	2193	SCREW	4	
7	200098	WASHER	4	
8	211093	LINK	2	
9	211094	LEVER	1	
10	5316	PIN SCREW	1	
11	211095	BRACKET	1	
12	5094	SCREW	1	
13	137142	WASHER	1	
14	211096	LEVER	1	
15	5316	PIN SCREW	1	
16	211097	BRACKET	1	
17	5142	SCREW	2	
18	211098	SPRING	1	
19	1234	SCREW	1	
20	210935	BRACKET	1	
21	5118	SCREW	2	
22	210936	BRACKET	1	
23	5513	SCREW	1	
24	204888	SPRING WASHER	2	
25	5104	NUT	1	
26	210947	FLAT SPRING	1	
27	1206	SCREW	2	
28	210946	FLAT SPRING	1	
29	1206	SCREW	1	
30	210945	STOPPER	1	
31	5328	SCREW	2	
32	210937	SHAFT	1	
33	206225	COLLAR	1	
34	1457-1	SCREW	2	
35	5029	SCREW	2	
36	210955	WASHER	1	
37	210948	LEVER	1	
38	5104	NUT	1	
39	211614	BRACKET	1	
40	1435	STOP SCREW	1	
41	5292	SCREW	1	
42	210952	SPRING	1	
43	211099	PLATE	1	
44	5029	SCREW	2	
45	208447	TENSION NUT	1	
46	208448	SPRING BUSHING	1	
47	210940	SPRING	1	
48	204091	WASHER	1	
49	5082A	POST	1	
50	210944	WASHER	1	
51	211613	GUIDE	1	
52	210938	RATCH	1	
53	5118	SCREW	1	
54	210939	SPRING	1	
55	210961	CLOTH GUIDE	1	
56	1234	SCREW	2	
57	137906	WASHER	2	

Shirring/piping

E 32-541, 543

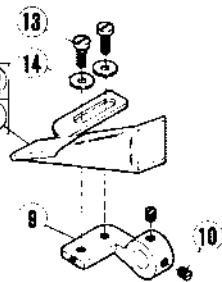


E 32-542P1, 542P2

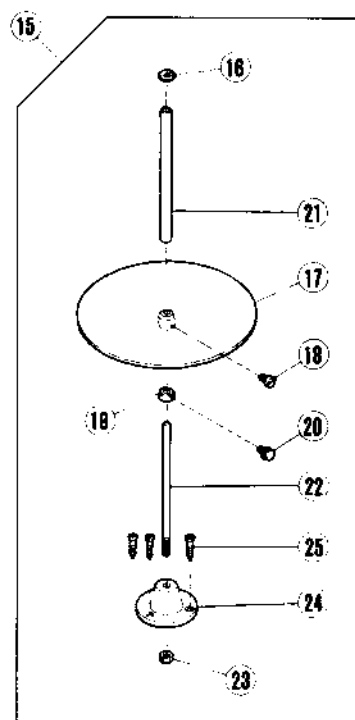


Tape width

25MM	12
20MM	11

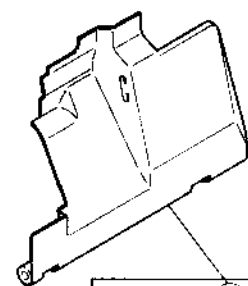
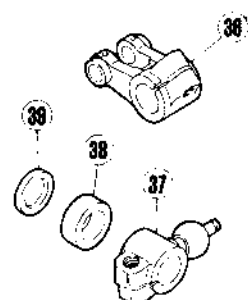


26 E 32-542P2



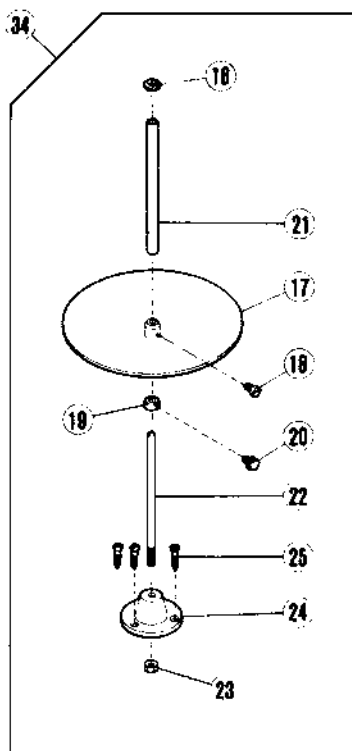
11, 12, 26 are options for -542P1.

E 52-243



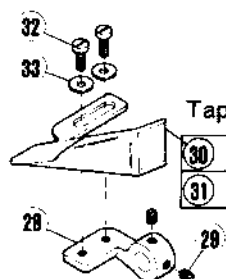
SW, 7MM 40

E 52-242P1, 242P2



Tape width

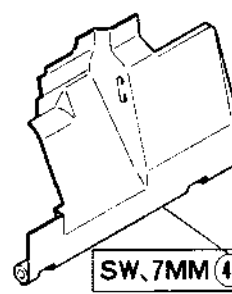
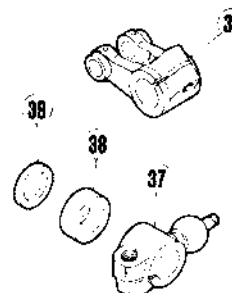
20MM	30
25MM	31



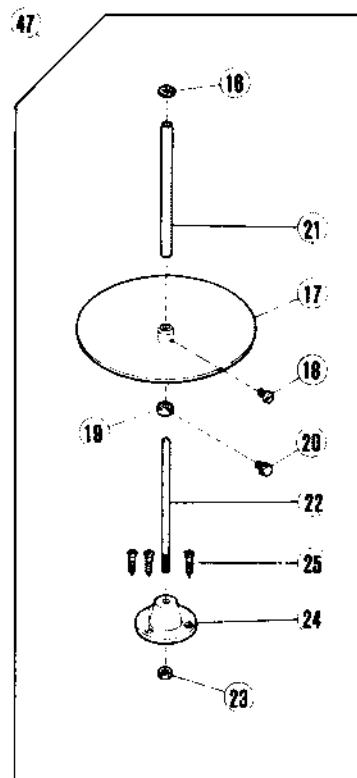
35 E 52-242P2

30, 31, 35 are options for -242P1.

E 52-243P1, 243P2

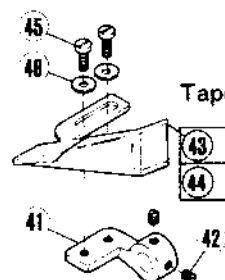


SW, 7MM 40



Tape width

20MM	43
25MM	44



48 E 52-243P2

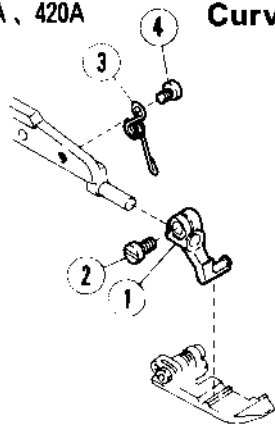
43, 44, 48 are options for -243P1.

E32-541,-543,-542P1,-542P2**E52-242P1,-242P2,-243,-243P1,-243P2**

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210231	CRANK/NEEDLE DRIVE/HI LIFT	1	
2	210731	CRANK/UPPER LOOPER/HI LIFT	1	
3	210267	WASHER	1	
4	208554	BRACKET	1	
5	5328	SCREW	1	
6	2921	SCREW	1	
7	202875	WASHER	1	
8	5077	SCREW	1	
9	210962	BINDER BRACKET	1	
10	5210	SCREW	2	
11	211885	BINDER/20MM	1	
12	211886	BINDER/25MM	1	
13	1202	SCREW	2	
14	167066	WASHER	2	
15	403	TAPE REEL STAND SET	1	
16	406	FELT	1	
17	404	TAPE REEL STAND	1	
18	4012	SCREW	1	
19	407	COLLAR	1	
20	408	ADJUSTING SCREW	1	
21	405	FIXING ROD	1	
22	409	ROD	1	
23	4818	NUT	1	
24	410	BRACKET	1	
25	4908	SCREW	3	
26	413	TAPE INSERTING TOOL	1	
27	202588	WASHER	1	
28	210962	BINDER BRACKET	1	
29	5210	SCREW	2	
30	211885	BINDER/20MM	1	
31	211886	BINDER/25MM	1	
32	1202	SCREW	2	
33	167066	WASHER	2	
34	403	TAPE REEL STAND SET	1	
35	413	TAPE INSERTING TOOL	1	
36	210231	CRANK/NEEDLE DRIVE/HI LIFT	1	
37	210731	CRANK/UPPER LOOPER/HI LIFT	1	
38	210267	WASHER	1	
39	206180	THRUST WASHER	1	
40	211702	FRONT COVER/SW=7MM	1	
41	210962	BINDER BRACKET	1	
42	5210	SCREW	2	
43	211885	BINDER/20MM	1	
44	211886	BINDER/25MM	1	
45	1202	SCREW	2	
46	167066	WASHER	2	
47	403	TAPE REEL STAND SET	1	
48	413	TAPE INSERTING TOOL	1	
49	202588	WASHER	1	

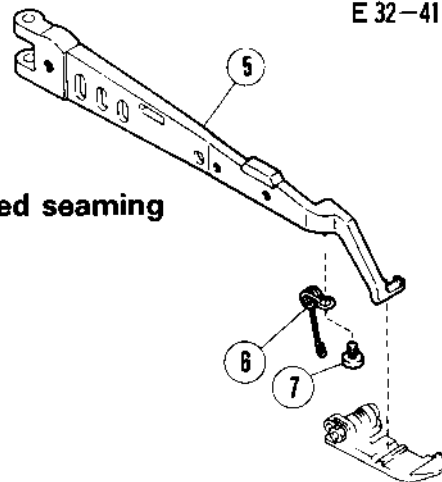
E 32-410A, 420A

Curved seaming



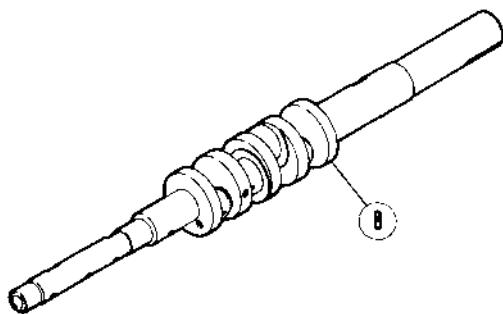
E 32-410B, 420B

Curved seaming



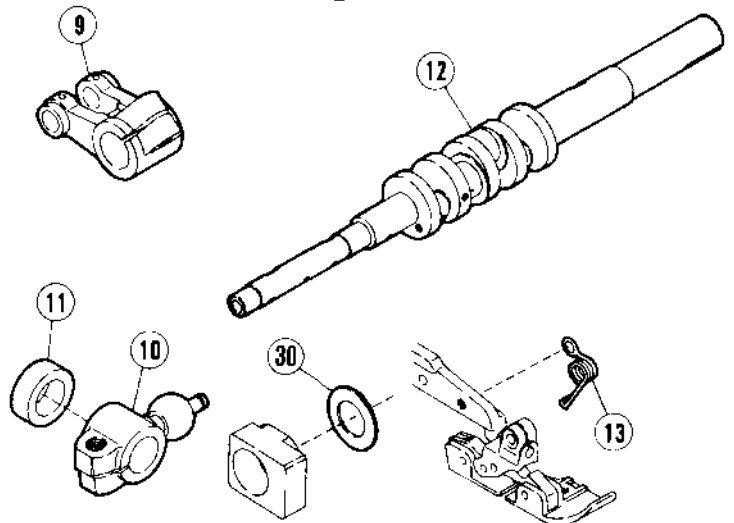
E 32-431

Seaming on wide fabrics



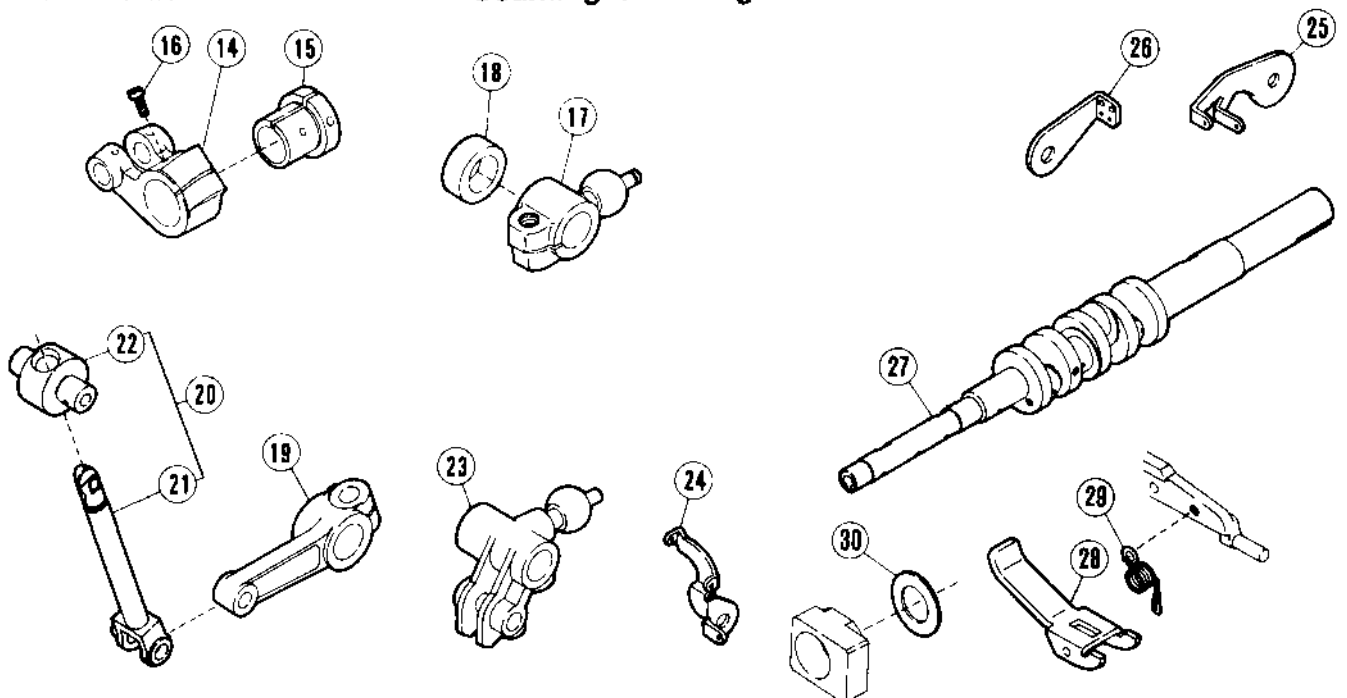
E 32-450, 451

Seaming on heavy fabrics



E 32-452, 453

Seaming/extra-high lift



SPECIFIC PARTS FOR**E32-410A,-410B,-420A,-420B,-431,
-450,-451,-452,-453**

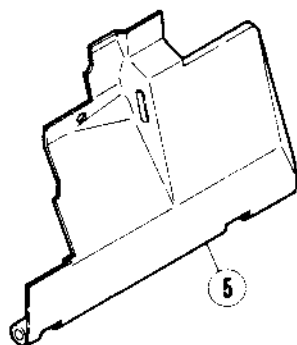
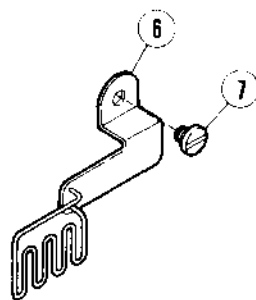
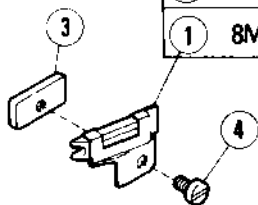
REF. NO.	PART NO.	NAME	QT.	MEMO
1	211905	PRESSER FOOT BRACKET	1	
2	5328	SCREW	1	
3	211906	SPRING	1	
4	2921	SCREW	1	
5	211903	PRESSER ARM	1	
6	211904	SPRING	1	
7	2921	SCREW	1	
8	210228-PA	CRANKSHAFT	1	
9	210231	CRANK/NEEDLE DRIVE/HI LIFT	1	
10	210731	CRANK/UPPER LOOPER/HI LIFT	1	
11	210267	WASHER	1	
12	210228-PB	CRANKSHAFT	1	
13	208960	SPRING	1	
14	211649	CRANK/NEEDLE DRIVE	1	
15	211650	ECCENTRIC/NEEDLE DRIVE CRANK	1	
16	5336	SCREW	1	
17	210731	CRANK/UPPER LOOPER/HI LIFT	1	
18	210267	WASHER	1	
19	211655	LEVER/UPPER LOOPER HOLDER	1	
20	211926	UPPER LOOPER HOLDER ASSEMBLY	1	
21	211654	UPPER LOOPER HOLDER	1	
22	210107	GUIDE/UPPER LOOPER HOLDER	1	
23	211653	CRANK/LOWER LOOPER	1	
24	211658	THREAD GUIDE (CENTER)	1	
25	211659	UPPER LOOPER THREAD TAKEUP	1	
26	210351	LOWER LOOPER THREAD TAKEUP	1	
27	210228-PB	CRANKSHAFT	1	
28	211657	HAND LIFT LEVER	1	
29	211517	SPRING	1	
30	208235	THRUST WASHER	1	

E 32-550, 551

2	10MM
1	8MM

Tape width

U-shaped tapping.



8

14

13

12

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20

19

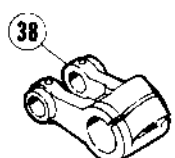
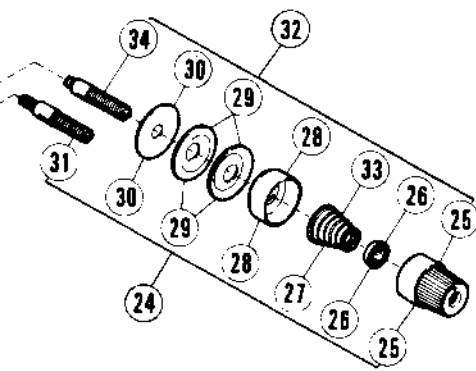
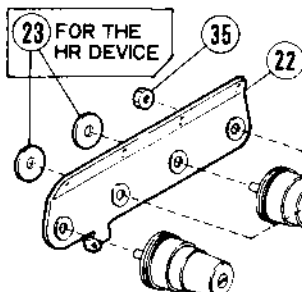
18

38

37

E 32-355, 359, 555, 559

3-needle



41

40

39

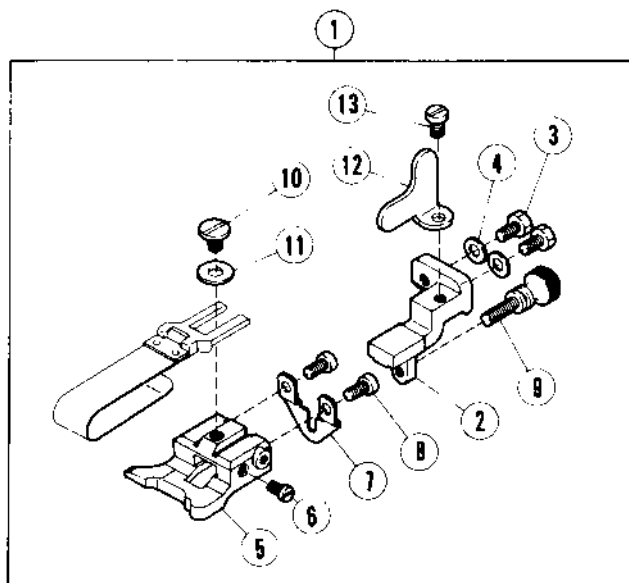
E32-550,-551,-355,-359,-555,-559

REF. NO.	PART NO.	NAME	QT.	MEMO
1	208994	BINDER/8MM	1	
2	209200	BINDER/10MM	1	
3	208997	BINDER GUIDE	1	
4	1216	SCREW	1	
5	211377	FRONT COVER	1	
6	211395	TAPE GUIDE	1	
7	2905	SCREW	1	
8	337	TAPE REEL STAND SET	1	
9	344	BRACKET	1	
10	4911	SCREW	2	
11	341	ROD	1	
12	189	WASHER	1	
13	303067	WASHER	1	
14	4805	NUT	1	
15	338	TAPE REEL STAND	1	
16	339	SCREW	1	
17	340	TAPE REEL STAND COVER	1	
18	467	SPRING SEAT	1	
19	343	SPRING	1	
20	468	COLLAR	1	
21	339	SCREW	1	
22	211580	TENSION NUT SET PLATE	1	
23	204107	THRUST WASHER	2	
24	210529	THREAD TENSION COMPLETE	1	
25	208447	POST NUT	1	
26	208448	SPRING BUSHING	1	
27	201037	TENSION SPRING (HEAVY)	1	
28	208450	CAP	1	
29	210319	DISC	2	
30	208449	FELT	1	
31	5082A	SCREW STUD	1	
32	211581	THREAD TENSION COMPLETE	1	
33	201086	TENSION SPRING (MEDIUM)	1	
34	5143A	STUD	1	
35	3044	NUT	1	
36	211400	NEEDLE THREAD GUIDE CENTER	1	
37	211399	NEEDLE THREAD GUIDE LEFT	1	
38	210231	CRANK/NEEDLE DRIVE/HI LIFT	1	
39	210731	CRANK/UPPER LOOPER/HI LIFT	1	
40	210267	WASHER	1	
41	206180	THRUST WASHER	1	

Blindhemming

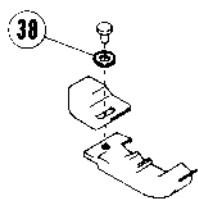
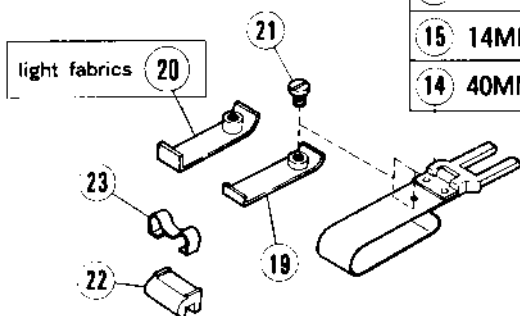
E 52-210, 210C

E 56-210, 210C

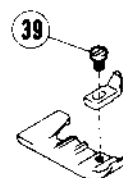
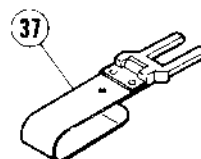
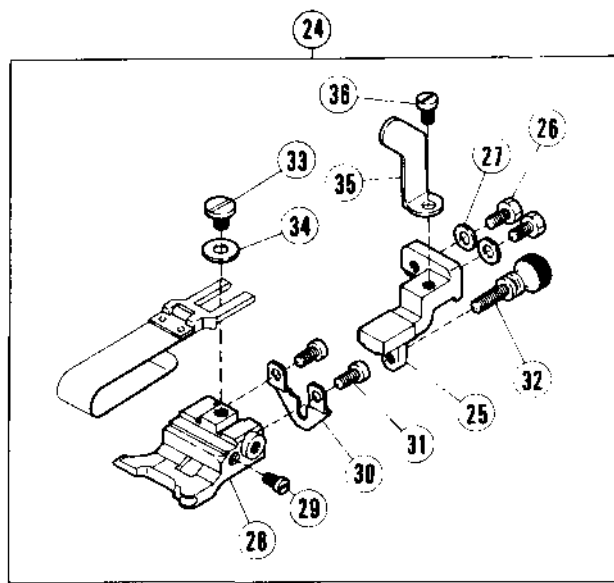


Hem width

18	52MM
17	27MM
16	21MM
15	14MM
14	40MM



E 52-212

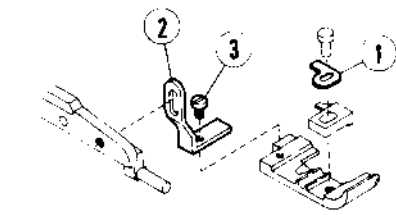


E52-210,-210C,-212 AND E56-210,-210C

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210691	CLOTH GUIDE COMPLETE	1	
2	210690	CLOTH GUIDE BRACKET	1	
3	5088	SCREW	2	
4	167066	WASHER	2	
5	205361	CLOTH GUIDE	1	
6	5057	SCREW	1	
7	210689	REGULATING PLATE	1	
8	5157	SCREW	2	
9	2430	SCREW	1	
10	2905	SCREW	1	
11	137142	WASHER	1	
12	210692	STOPPER	1	
13	1206	SCREW	1	
14	201211B	FOLDER 40MM	1	
15	205457	FOLDER (14MM)	1	
16	205678	FOLDER 21MM	1	
17	205679	FOLDER 27MM	1	
18	205456	FOLDER 52MM	1	
19	205835	AUXILIARY PLATE	1	
20	205834	AUXILIARY PLATE (FOR THIN)	1	
21	5299	SCREW	1	
22	303312A	REGULATOR	1	
23	303313	REGULATOR CLAMP	1	
24	212265	CLOTH GUIDE COMPLETE	1	
25	210690	BRACKET/CLOTH GUIDE	1	
26	5088	SCREW	2	
27	167066	WASHER	2	
28	212266	CLOTH GUIDE	1	
29	5057	SCREW	1	
30	210689	ADJUSTING PLATE	1	
31	5157	SCREW	2	
32	2430	SCREW	1	
33	2905	SCREW	1	
34	137142	WASHER	1	
35	212267	STOPPER	1	
36	1206	SCREW	1	
37	212268	FOLDER (36MM)	1	
38	210585	WASHER	1	
39	1333	SCREW	1	

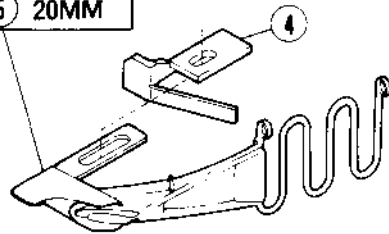
Piping

E 52-130P1, 130P2



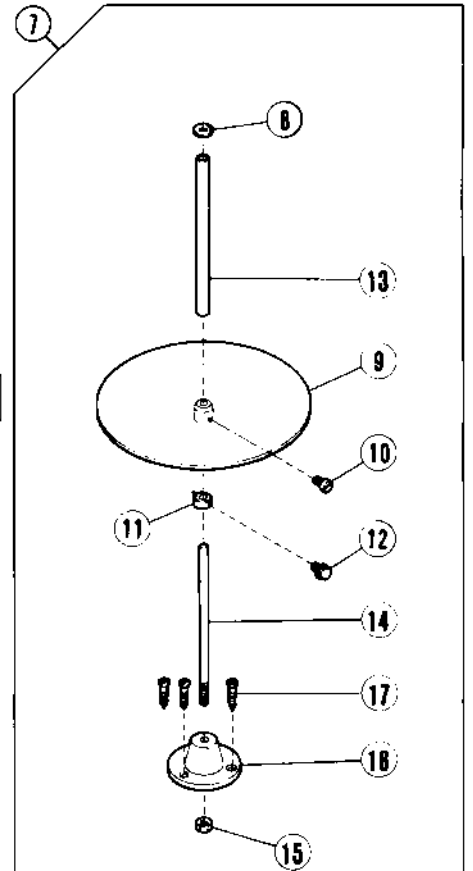
Tape width

6	25MM
5	20MM

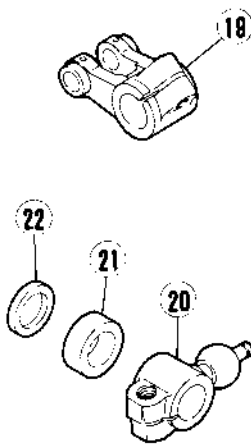


18 E 52-130P2

5, 6, 18 are options for -130P1.

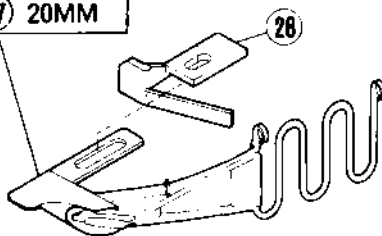


E 52-131P1, 131P2



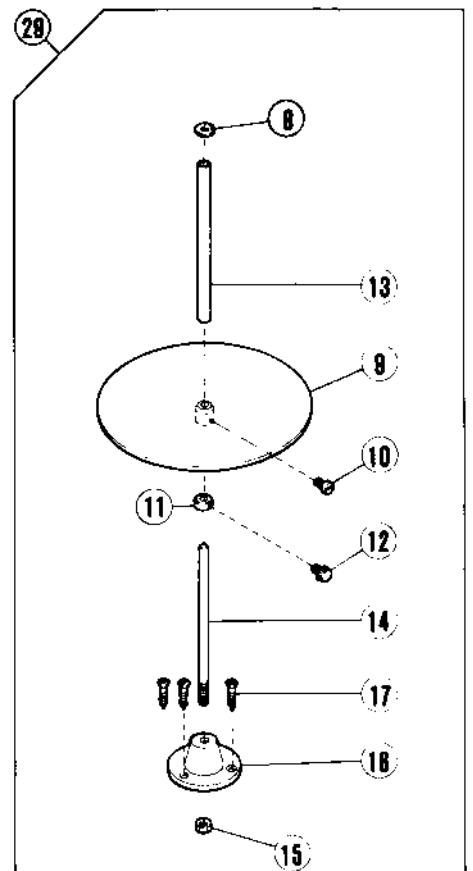
Tape width

28	25MM
27	20MM



30 E 52-131P2

27, 28, 30 are options for -131P1.

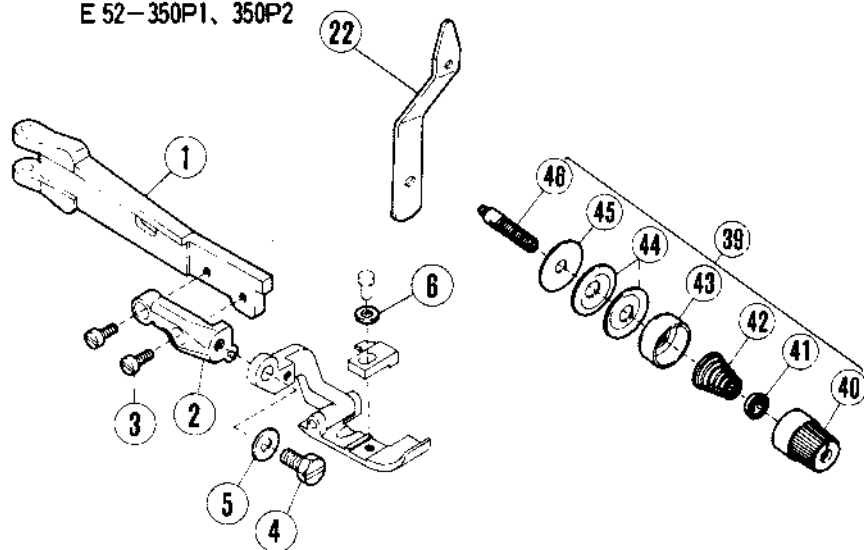


E52-130P1,-130P2,-131P1,-131P2

REF. NO.	PART NO.	NAME	QT.	MEMO
1	211876	SET PLATE	1	
2	211877	PRESSER FOOT STOPPER	1	
3	1333	SCREW	1	
4	211879	FABRIC EDGE GUIDE	1	
5	211880	BINDER/20MM	1	
6	211946	BINDER/25MM	1	
7	403	TAPE REEL STAND SET	1	
8	406	FELT	1	
9	404	TAPE REEL STAND	1	
10	4012	SCREW	1	
11	407	COLLAR	1	
12	408	ADJUSTING SCREW	1	
13	405	FIXING ROD	1	
14	409	ROD	1	
15	4818	NUT	1	
16	410	BRACKET	1	
17	4908	SCREW	3	
18	413	TAPE INSERTING TOOL	1	
19	210231	CRANK/NEEDLE DRIVE/HI LIFT	1	
20	210731	CRANK/UPPER LOOPER/HI LIFT	1	
21	210267	WASHER	1	
22	206180	THRUST WASHER	1	
23	211876	SET PLATE	1	
24	211877	STOPPER	1	
25	1333	SCREW	1	
26	211879	FABRIC EDGE GUIDE	1	
27	211880	BINDER/20MM	1	
28	211946	BINDER/25MM	1	
29	403	TAPE REEL STAND SET	1	
30	403	TAPE INSERTING TOOL	1	

Piping

E 52-350P1, 350P2

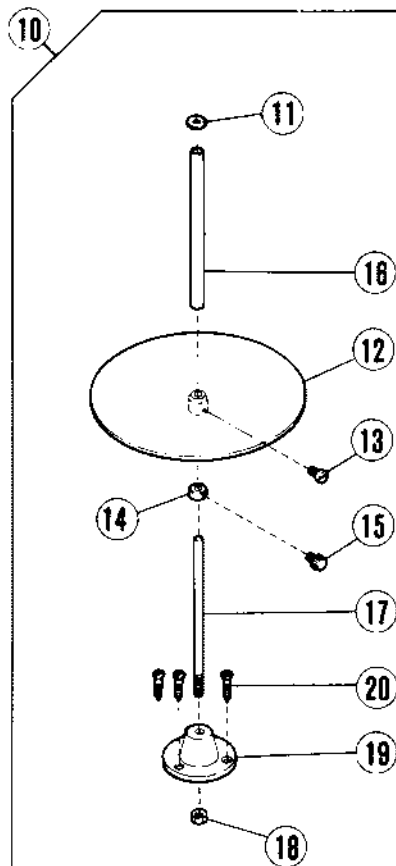


Tape width

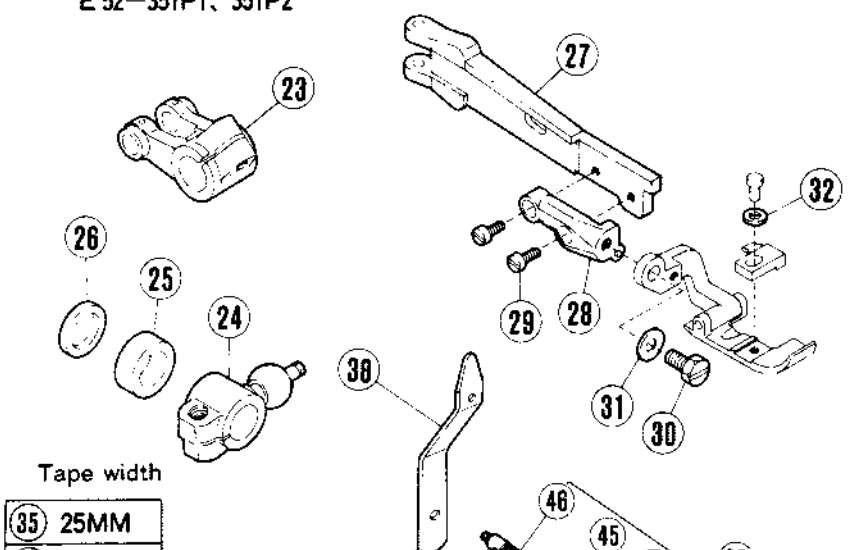
9	25MM
8	20MM

21 E 52-350P2

⑧, ⑨, ② are options for -350P1.



E 52-351P1, 351P2

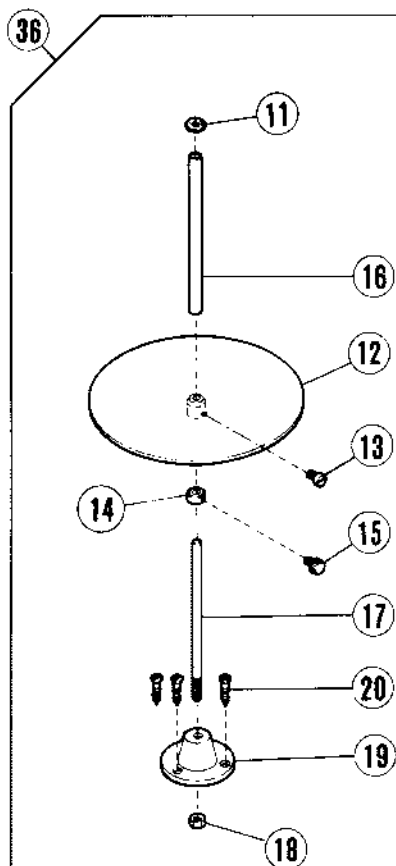


Tape width

35	25MM
34	20MM

37 E 52-351P2

③④, ③⑤, ③⑦ are options for -351P1.

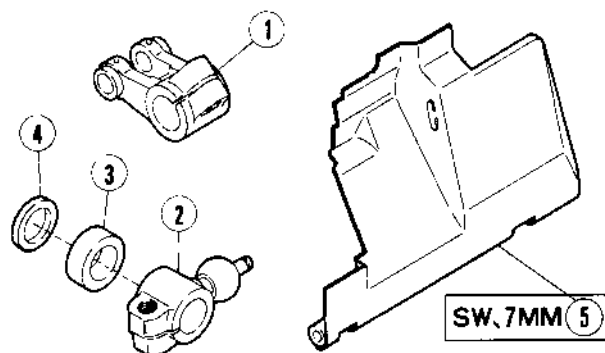


SPECIFIC PARTS FOR
E52-350P1,-350P2,-351P1,-351P2

REF. NO.	PART NO.	NAME	QT.	MEMO
1	211823	PRESSER ARM	1	
2	211824	BRACKET	1	
3	1196	SCREW	2	
4	2193	SCREW	1	
5	201185	WASHER	1	
6	202588	WASHER	1	
7	211879	FABRIC EDGE GUIDE	1	
8	211880	BINDER/20MM	1	
9	211946	BINDER/25MM	1	
10	403	TAPE REEL STAND SET	1	
11	406	FELT	1	
12	404	TAPE REEL STAND	1	
13	4012	SCREW	1	
14	407	COLLAR	1	
15	408	ADJUSTING SCREW	1	
16	405	FIXING ROD	1	
17	409	ROD	1	
18	4818	NUT	1	
19	410	BRACKET	1	
20	4908	SCREW	1	
21	413	TAPE INSERTING TOOL	1	
22	211949	CORD GUIDE PLATE	1	
23	210231	CRANK/NEEDLE DRIVE/HI LIFT	1	
24	210731	CRANK/UPPER LOOPER/HI LIFT	1	
25	210267	WASHER	1	
26	206180	THRUST WASHER	1	
27	211823	PRESSER ARM	1	
28	211824	BRACKET	1	
29	1196	SCREW	2	
30	2193	SCREW	1	
31	201185	WASHER	1	
32	202588	WASHER	1	
33	211879	FABRIC EDGE GUIDE	1	
34	211880	BINDER/20MM	1	
35	211946	BINDER/25MM	1	
36	403	TAPE REEL STAND SET	1	
37	413	TAPE INSERTING TOOL	1	
38	211949	CORD GUIDE PLATE	1	
39	211951	TENSION NUT COMPLETE (MEDIUM)	1	
40	208447	POST NUT	1	
41	208448	SPRING BUSHING	1	
42	201086	TENSION SPRING (MEDIUM)	1	
43	208450	CUP	1	
44	210319	DISC	2	
45	208449	FELT	1	
46	1817-2A	TENSION GUIDE	1	

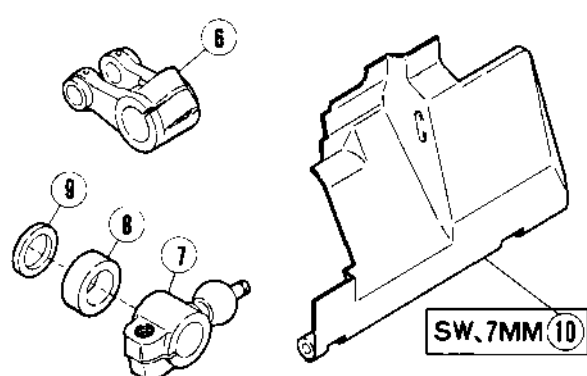
E 52—131, 135, 140

2-needle



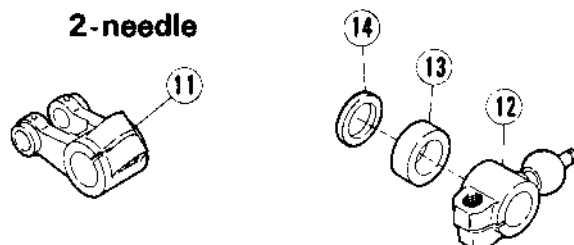
E 52—132, 133

2-needle



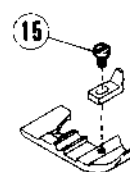
E 52—137

2-needle



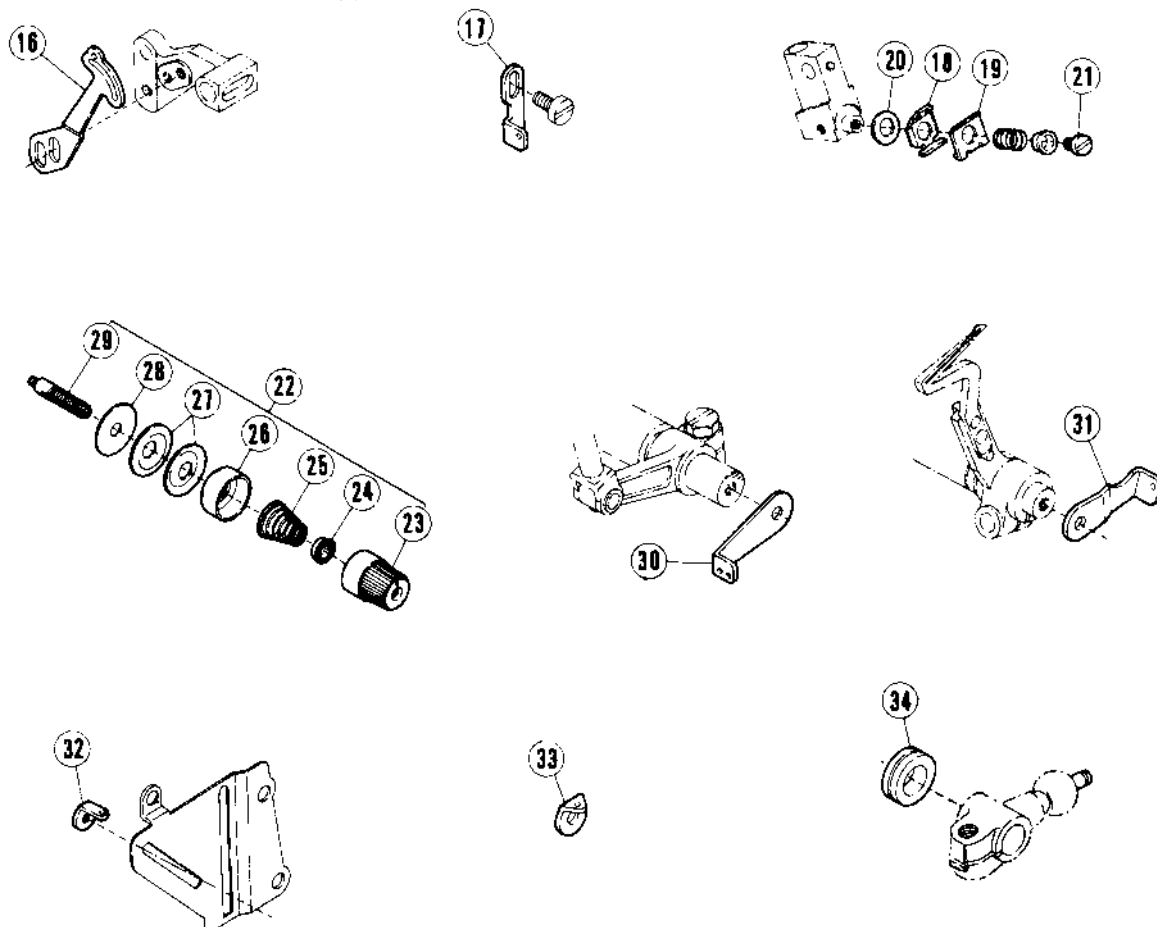
E 52—121

Seaming on foundations



E 52—130T, 121T

Stretchable thread chain

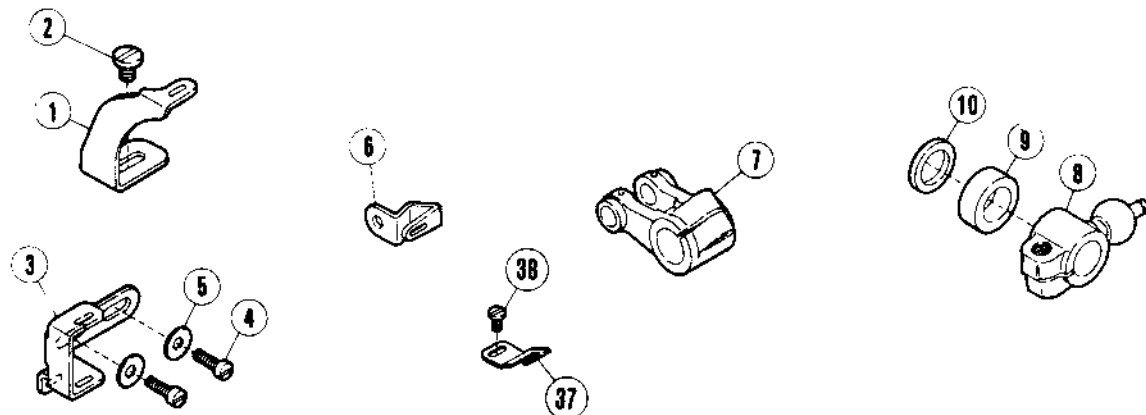


E52-131,-135,-140,-132,-133,-137,-121,-130T,-121T

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210231	CRANK/NEEDLE DRIVE/HI LIFT	1	
2	210731	CRANK/UPPER LOOPER/HI LIFT	1	
3	210267	WASHER	1	
4	206180	THRUST WASHER	1	
5	211702	FRONT COVER/SW=7MM	1	
6	210230	CRANK/NEEDLE DRIVE/STD LIFT	1	
7	210731	CRANK/UPPER LOOPER/HI LIFT	1	
8	210267	WASHER	1	
9	206180	THRUST WASHER	1	
10	211702	FRONT COVER/SW=7MM	1	
11	210230	CRANK/NEEDLE DRIVE/STD LIFT	1	
12	210731	CRANK/UPPER LOOPER/HI LIFT	1	
13	210267	WASHER	1	
14	206180	THRUST WASHER	1	
15	1333	SCREW	1	
16	212212	NEEDLE THREAD TAKEUP	1	
17	210722	NEEDLE THREAD GUIDE CENTER	1	
18	212213	BRACKET/SPRING	1	
19	210749	NEEDLE THREAD RETAINER	1	
20	202058	WASHER	1	
21	5600	SCREW	1	
22	210530	THREAD TENSION COMPLETE	1	
23	208447	POST NUT	1	
24	208448	SPRING BUSHING	1	
25	201086	TENSION SPRING (MEDIUM)	1	
26	208450	CAP	1	
27	210319	DISC	2	
28	208449	FELT	1	
29	5082A	SCREW STUD	1	
30	212214	UPPER LOOPER THREAD TAKEUP	1	
31	212216	LOWER LOOPER THREAD TAKEUP	1	
32	201089	THREAD GUIDE (RIGHT)	1	
33	167079	EYELET	1	
34	212217	WASHER	1	

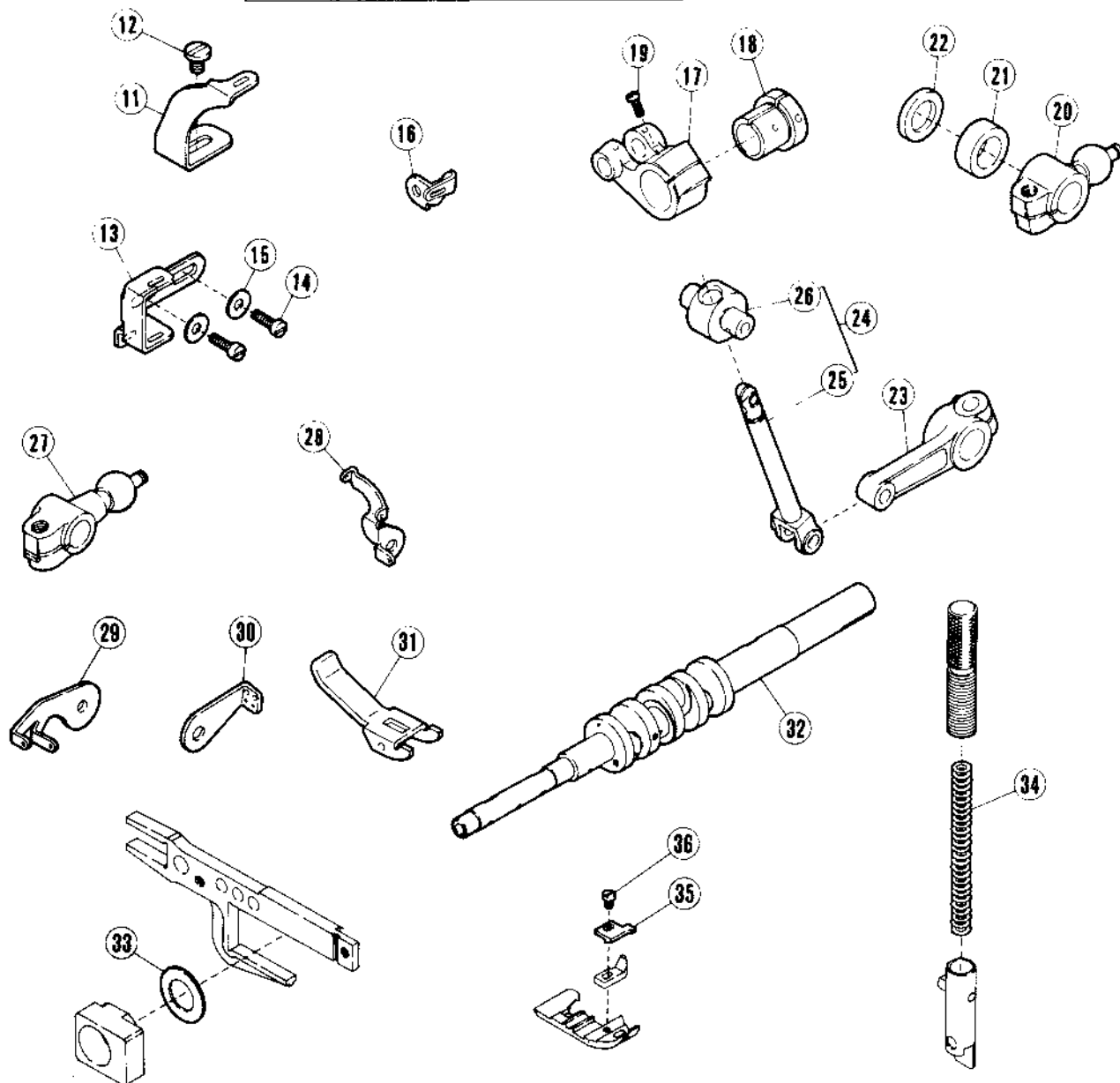
Taping Seaming (extra-high lift)

E 52-250, 250C



E 52-141, 142, 252

17~21	E52-141	Seaming/extra-high lift
23~34	E52-142	Seaming/extra-high lift
17~34	E52-142	Seaming/extra-high lift
11~37	E52-252	Taping/extra-high lift

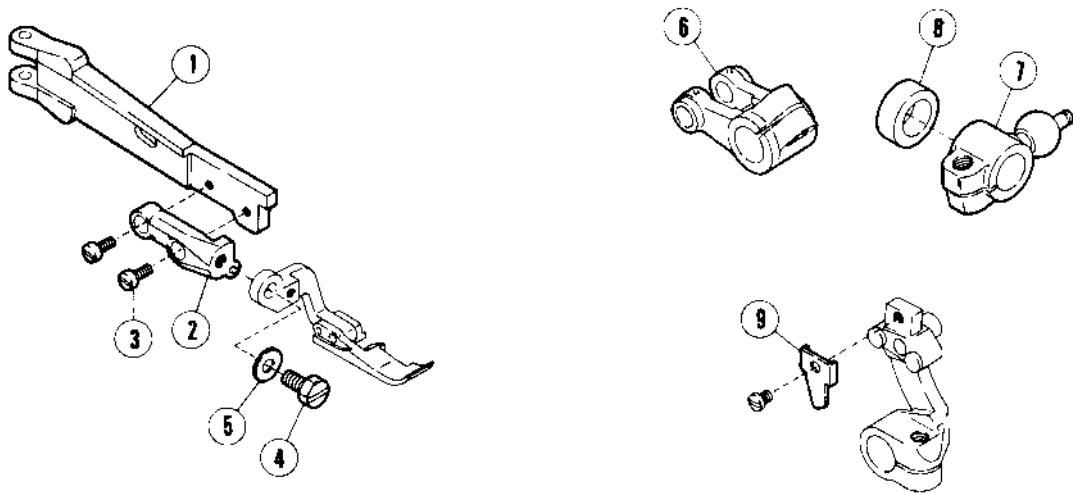


**SPECIFIC PARTS FOR
E52-141,-142,-250,-250C,-252**

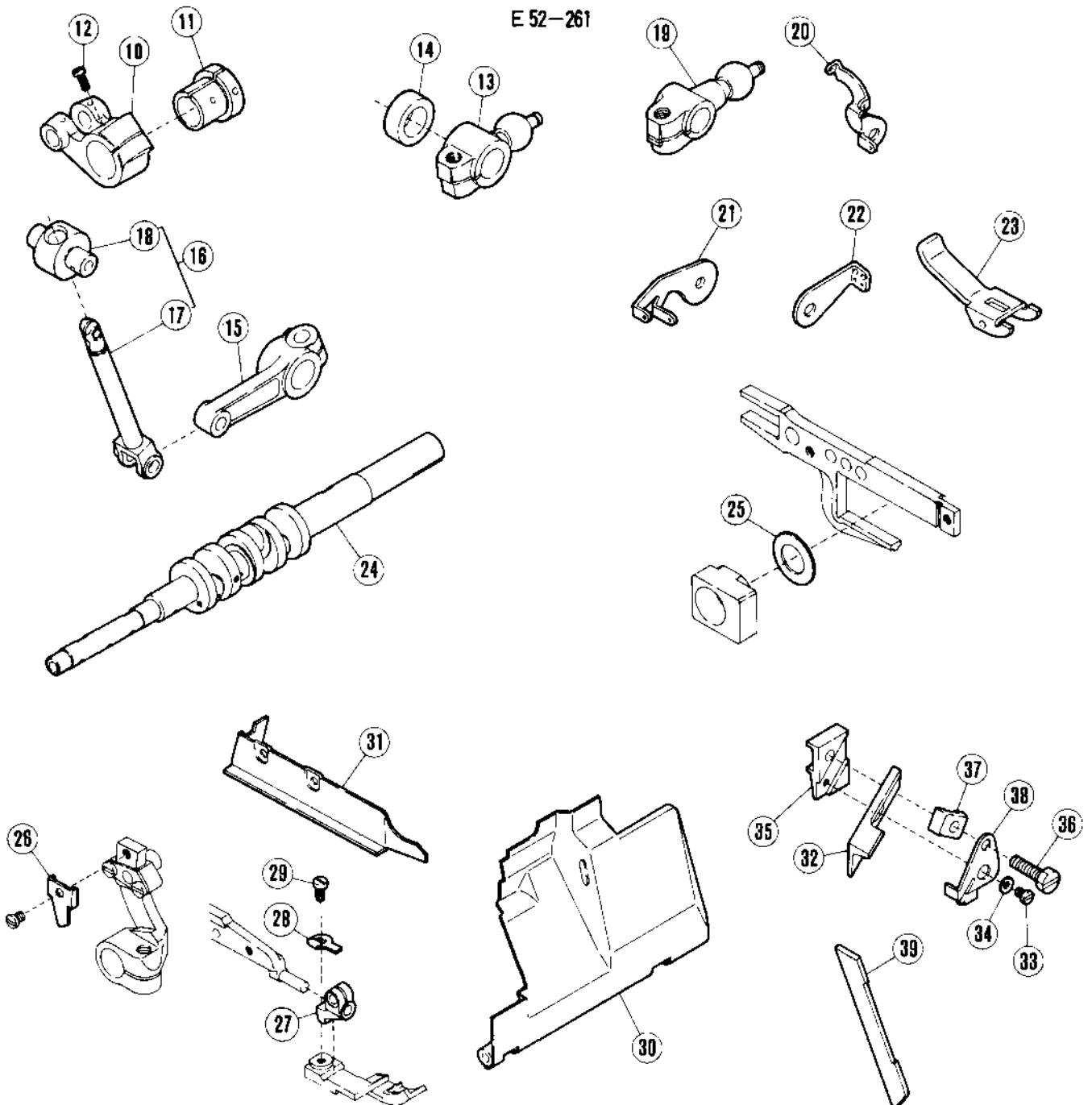
REF. NO.	PART NO.	NAME	QT.	MEMO
1	211264	TAPE GUIDE (UPPER)	1	
2	5453	SCREW	1	
3	211265	TAPE GUIDE (LOWER)	1	
4	1174	SCREW	2	
5	137906	WASHER	2	
6	211266	TAPE TAKEUP	1	
7	210230	CRANK/NEEDLE DRIVE/STD LIFT	1	
8	210731	CRANK/UPPER LOOPER/HI LIFT	1	
9	210267	WASHER	1	
10	206180	THRUST WASHER	1	
11	211264	TAPE GUIDE (UPPER)	1	
12	5453	SCREW	1	
13	211265	TAPE GUIDE (LOWER)	1	
14	1174	SCREW	2	
15	137906	WASHER	2	
16	211267	TAPE TAKEUP	1	
17	211649	NEEDLE DRIVE CRANK	1	
18	211650	ECCENTRIC/NEEDLE DRIVE CRANK	1	
19	5336	SCREW	1	
20	210731	CRANK/UPPER LOOPER/HI LIFT	1	
21	210267	WASHER	1	
22	206180	THRUST WASHER	1	
23	211655	LEVER/UPPER LOOPER HOLDER	1	
24	211926	UPPER LOOPER HOLDER ASSEMBLY	1	
25	211654	UPPER LOOPER HOLDER	1	
26	210107	GUIDE/UPPER LOOPER HOLDER	1	
27	211652	CRANK/LOWER LOOPER HOLDER	1	
28	211658	THREAD GUIDE (CENTER)	1	
29	211659	UPPER LOOPER THREAD TAKEUP	1	
30	210351	LOWER LOOPER THREAD TAKEUP	1	
31	211657	HAND LIFT LEVER	1	
32	210228-PB	CRANKSHAFT	1	
33	208235	THRUST WASHER	1	
34	211941	SPRING	1	
35	211931	TAPE GUIDE	1	
36	2922	SCREW	1	
37	208735	TAPE GUIDE	1	
38	1333	SCREW	1	

Attaching zipper

E 52-260



E 52-261



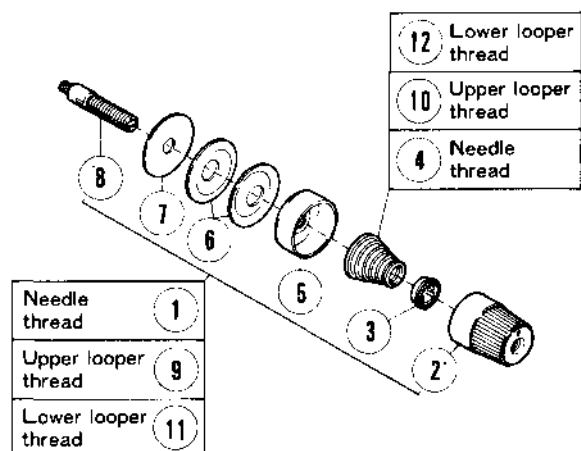
SPECIFIC PARTS FOR E52-260,-261

REF. NO.	PART NO.	NAME	QT.	MEMO
1	211823	PRESSER ARM	1	
2	211824	BRACKET	1	
3	1196	SCREW	2	
4	2193	SCREW	1	
5	201185	WASHER	1	
6	210231	CRANK/NEEDLE DRIVE/HI LIFT	1	
7	210731	CRANK/UPPER LOOPER/HI LIFT	1	
8	210267	WASHER	1	
9	211868	STOPPER	1	
10	211649	CRANK/NEEDLE DRIVE	1	
11	211650	ECCENTRIC/NEEDLE DRIVE CRANK	1	
12	5336	SCREW	1	
13	210731	CRANK/UPPER LOOPER/HI LIFT	1	
14	210267	WASHER	1	
15	211655	LEVER/UPPER LOOPER HOLDER	1	
16	211926	UPPER LOOPER HOLDER ASSEMBLY	1	
17	211654	UPPER LOOPER HOLDER	1	
18	210107	GUIDE/UPPER LOOPER HOLDER	1	
19	211652	CRANK/LOWER LOOPER	1	
20	211658	NEEDLE GUIDE (CENTER)	1	
21	211659	UPPER LOOPER THREAD TAKEUP	1	
22	210351	UPPER LOOPER THREAD TAKEUP	1	
23	211657	HAND LIFT LEVER	1	
24	210228-PB	CRANKSHAFT	1	
25	208235	THRUST WASHER	1	
26	211868	STOPPER	1	
27	211838	PRESSER FOOT BRACKET	1	
28	211839	PRESSER FOOT SET PLATE	1	
29	5157	SCREW	1	
30	211794	FRONT COVER	1	
31	211660	FABRIC GUARD	1	
32	211662	ANGLED UPPER KNIFE	1	
33	1227	SCREW	1	
34	300248	WASHER	1	
35	210756	ANGLED UPPER KNIFE CLAMP	1	
36	5504	SCREW	1	
37	210758	ANGLED UPPER KNIFE G18	1	
38	210759	ANGLED UPPER KNIFE PLATE	1	
39	211661	LOWER KNIFE	1	

Serging

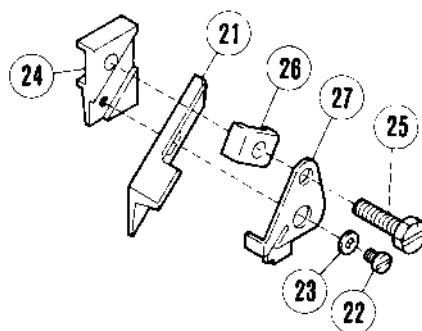
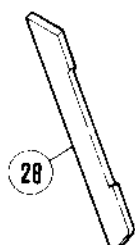
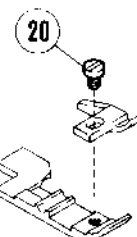
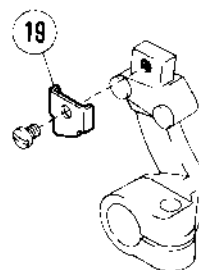
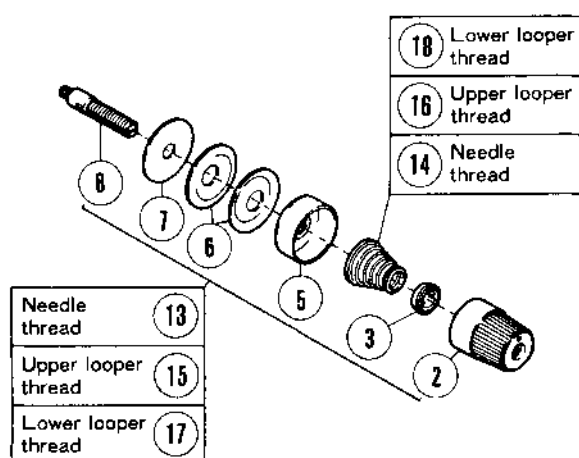
E 52-220

E 56-220



E 52-223

E 56-223

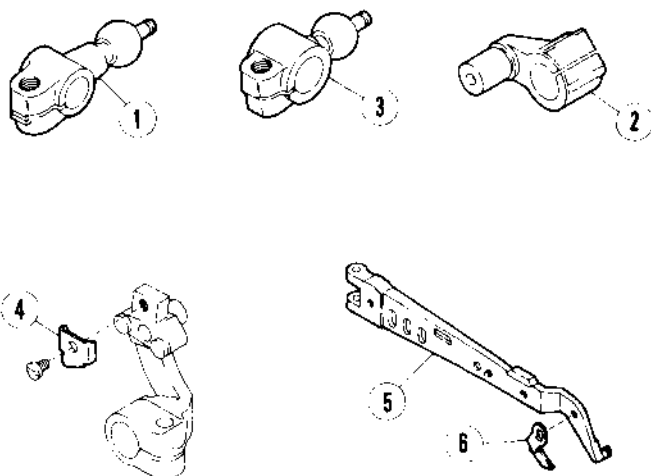


E52-220,-223 AND E56-220,-223

REF. NO.	PART NO.	NAME	QT.	MEMO
1	210530	THREAD TENSION COMPLETE	1	
2	208447	POST NUT	1	
3	208448	SPRING BUSHING	1	
4	201068	TENSION SPRING (LIGHT)	1	
5	208450	CAP	1	
6	210319	DISC	2	
7	208449	FELT	1	
8	5082A	SCREW STUD	1	
9	210529	THREAD TENSION COMPLETE	1	
10	201037	TENSION SPRING (HEAVY)	1	
11	210530	THREAD TENSION COMPLETE	1	
12	201086	TENSION SPRING (MEDIUM)	1	
13	210530	THREAD TENSION COMPLETE	1	
14	201068	TENSION SPRING (LIGHT)	1	
15	210529	THREAD TENSION COMPLETE	1	
16	201037	TENSION SPRING (HEAVY)	1	
17	210530	THREAD TENSION COMPLETE	1	
18	201086	TENSION SPRING (MEDIUM)	1	
19	208953	STOPPER	1	
20	1186	SCREW	1	
21	211662	ANGLED UPPER KNIFE	1	
22	1227	SCREW	1	
23	300248	WASHER	1	
24	210756	ANGLED UPPER KNIFE CLAMP	1	
25	5504	SCREW	1	
26	210758	ANGLED UPPER KNIFE GIB	1	
27	210759	ANGLED UPPER KNIFE PLATE	1	
28	211661	LOWER KNIFE	1	

E 56-110, 111

Seaming (low lift)



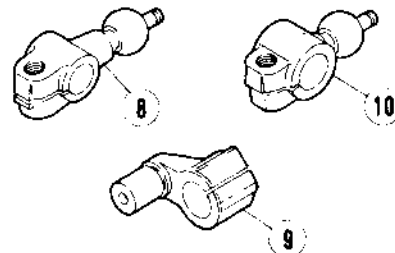
E 56-121

Seaming on foundations



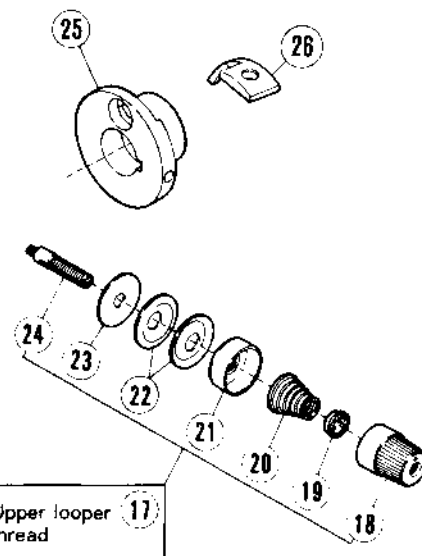
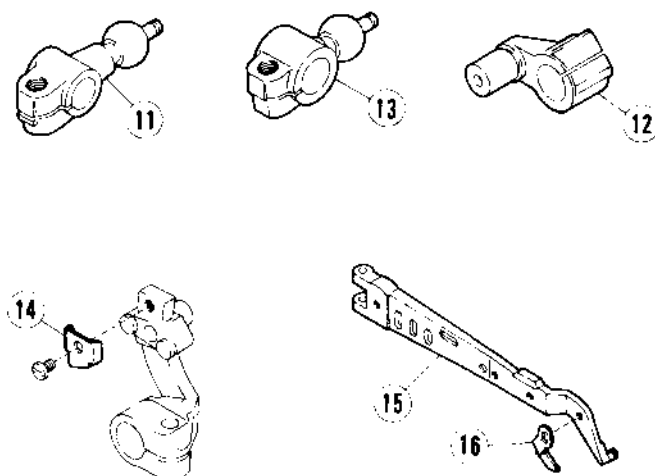
E 56-230/503-133, E 56-231

Turn-down hemming



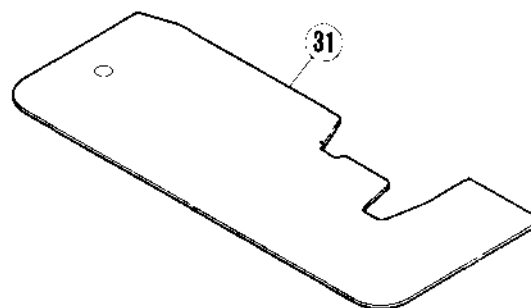
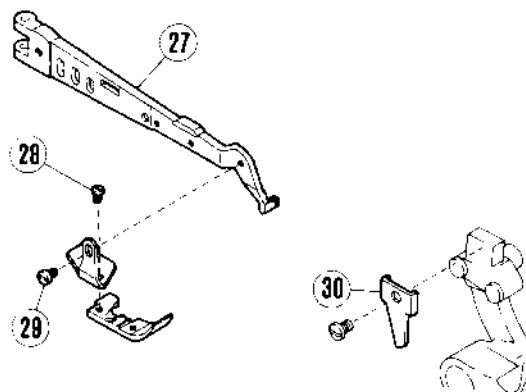
E 56-232, 233

Turn-down hemming



E 56-234

Turn-up hemming

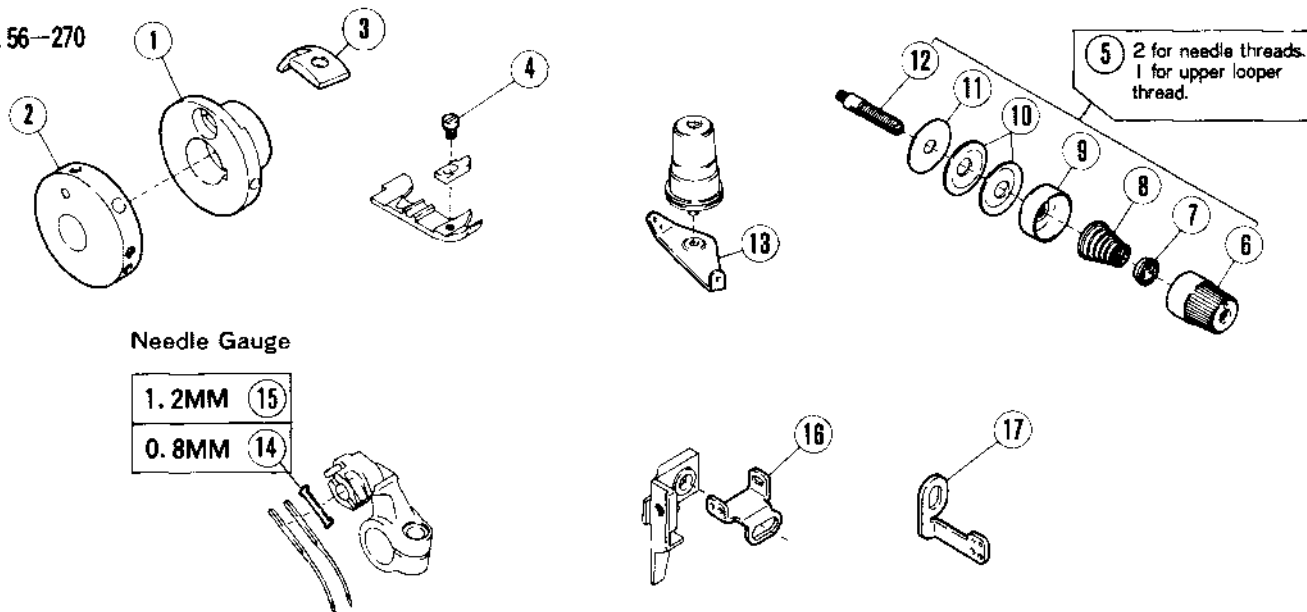


SPECIFIC PARTS FOR
E56-110,-111,-121,-230,-231,-232,-233,-234

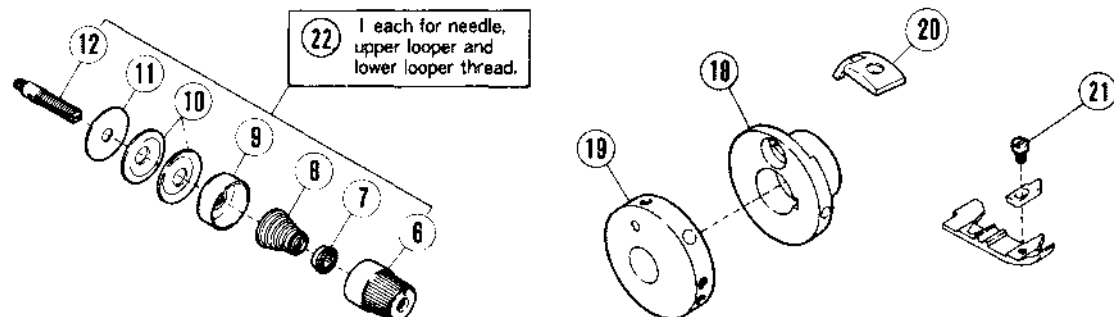
REF. NO.	PART NO.	NAME	QT.	MEMO
1	210735	CRANK/LOWER LOOPER	1	
2	210065	CRANK/NEEDLE DRIVE/LOW LIFT	1	
3	210732	CRANK/UPPER LOOPER/LOW LIFT	1	
4	208953	STOPPER	1	
5	210933	PRESSER ARM	1	
6	211534	PRESSER FOOT STOPPER	1	
7	1333	SCREW	1	
8	210735	CRANK/LOWER LOOPER	1	
9	210065	CRANK/NEEDLE DRIVE/LOW LIFT	1	
10	210732	CRANK/UPPER LOOPER/LOW LIFT	1	
11	210735	CRANK/LOWER LOOPER	1	
12	210065	CRANK/NEEDLE DRIVE/LOW LIFT	1	
13	210732	CRANK/UPPER LOOPER/LOW LIFT	1	
14	208953	STOPPER	1	
15	210933	PRESSER ARM	1	
16	211534	PRESSER FOOT STOPPER	1	
17	210530	THREAD TENSION COMPLETE	1	
18	208447	POST NUT	1	
19	208448	SPRING BUSHING	1	
20	201086	TENSION SPRING (MEDIUM)	1	
21	208450	CAP	1	
22	210319	DISC	2	
23	208449	FELT	1	
24	5082A	SCREW STUD	1	
25	211563	FEED ECCENTRIC	1	
26	211805	STOPPER	1	
27	210933	PRESSER ARM	1	
28	1333	SCREW	1	
29	1229	SCREW	1	
30	211609	STOPPER	1	
31	211808	CLOTH PLATE	1	

Hosiery

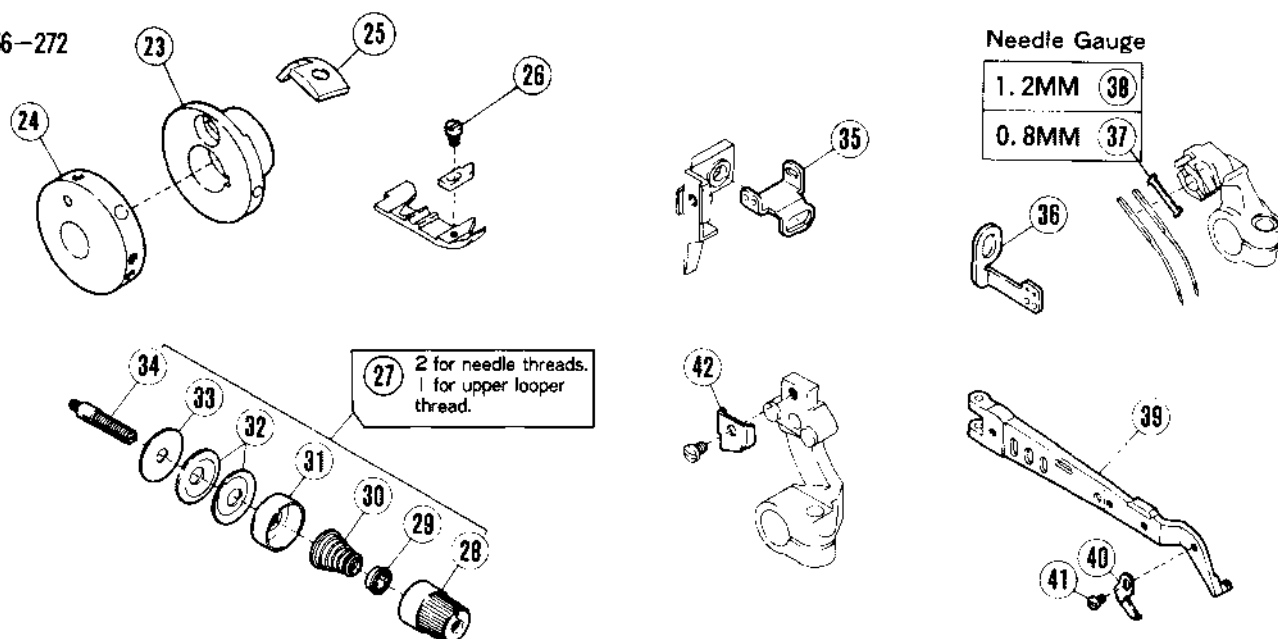
E 56-270



E 56-271

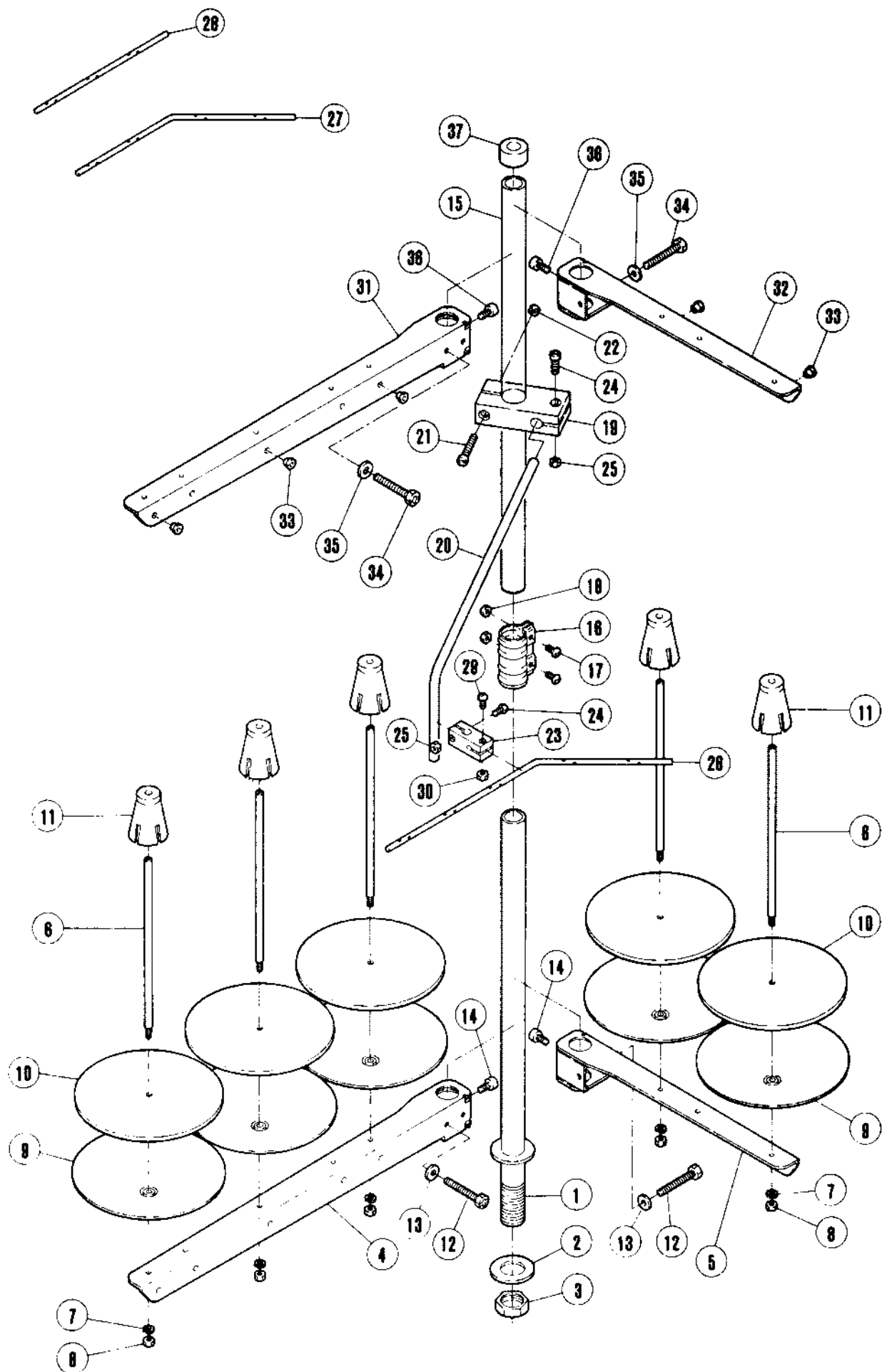


E 56-272



SPECIFIC PARTS FOR E56-270,-271,-272

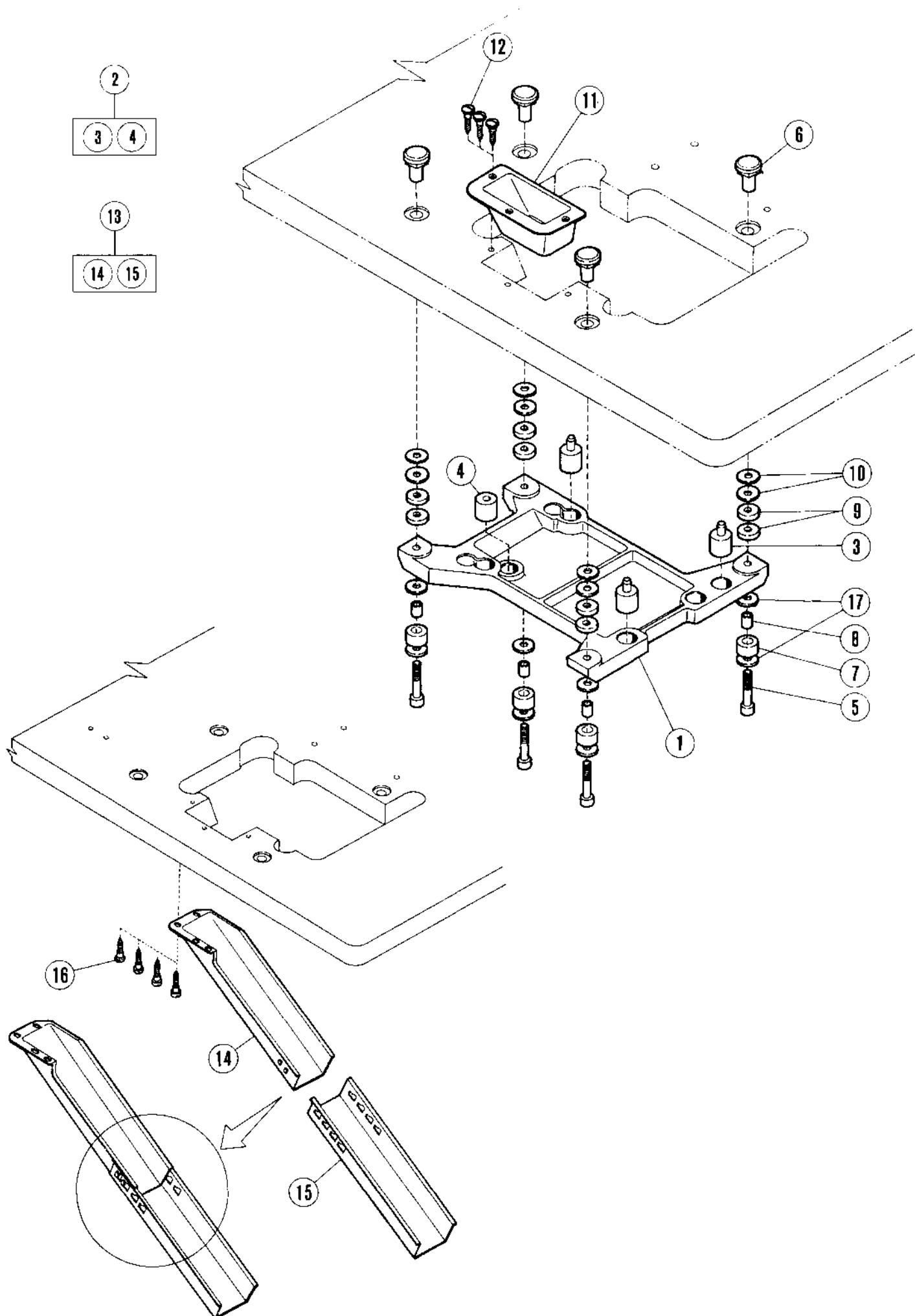
REF. NO.	PART NO.	NAME	QT.	MEMO
1	211563	FEED ECCENTRIC	1	
2	210128	FEED ECCENTRIC RETAINER	1	
3	211805	STOPPER	1	
4	1333	SCREW	1	
5	211556	THREAD TENSION COMPLETE	3	
6	208447	POST NUT	1	
7	208448	SPRING BUSHING	1	
8	211562	THREAD TENSION COMPLETE	1	
9	208450	CAP	1	
10	210319	DISC	2	
11	208449	FELT	1	
12	5082A	SCREW STUD	1	
13	210090	TENSION GUIDE/2 NDL	1	
14	211452	SHIM/0.8MM	1	
15	211453	SHIM/1.2MM	1	
16	211560	NEEDLE THREAD TAKEUP	1	
17	211561	NEEDLE THREAD GUIDE (CENTER)	1	
18	211563	FEED ECCENTRIC	1	
19	210128	FEED ECCENTRIC RETAINER	1	
20	211805	STOPPER	1	
21	1333	SCREW	1	
22	211556	THREAD TENSION COMPLETE	3	
23	211563	FEED ECCENTRIC	1	
24	210128	FEED ECCENTRIC RETAINER	1	
25	211805	STOPPER	1	
26	1333	SCREW	1	
27	210530	THREAD TENSION COMPLETE	3	
28	208447	POST NUT	1	
29	208448	SPRING BUSHING	1	
30	201086	TENSION SPRING (MEDIUM)	1	
31	208450	CAP	1	
32	210319	DISC	2	
33	208449	FELT	1	
34	5082A	SCREW STUD	1	
35	211560	NEEDLE THREAD TAKEUP	1	
36	211561	NEEDLE THREAD GUIDE (CENTER)	1	
37	211452	SHIM/0.8MM	1	
38	211453	SHIM/1.2MM	1	
39	210933	PRESSER ARM	1	
40	211534	PRESSER FOOT STOPPER	1	
41	1229	SCREW	1	
42	208953	STOPPER	1	



糸立台

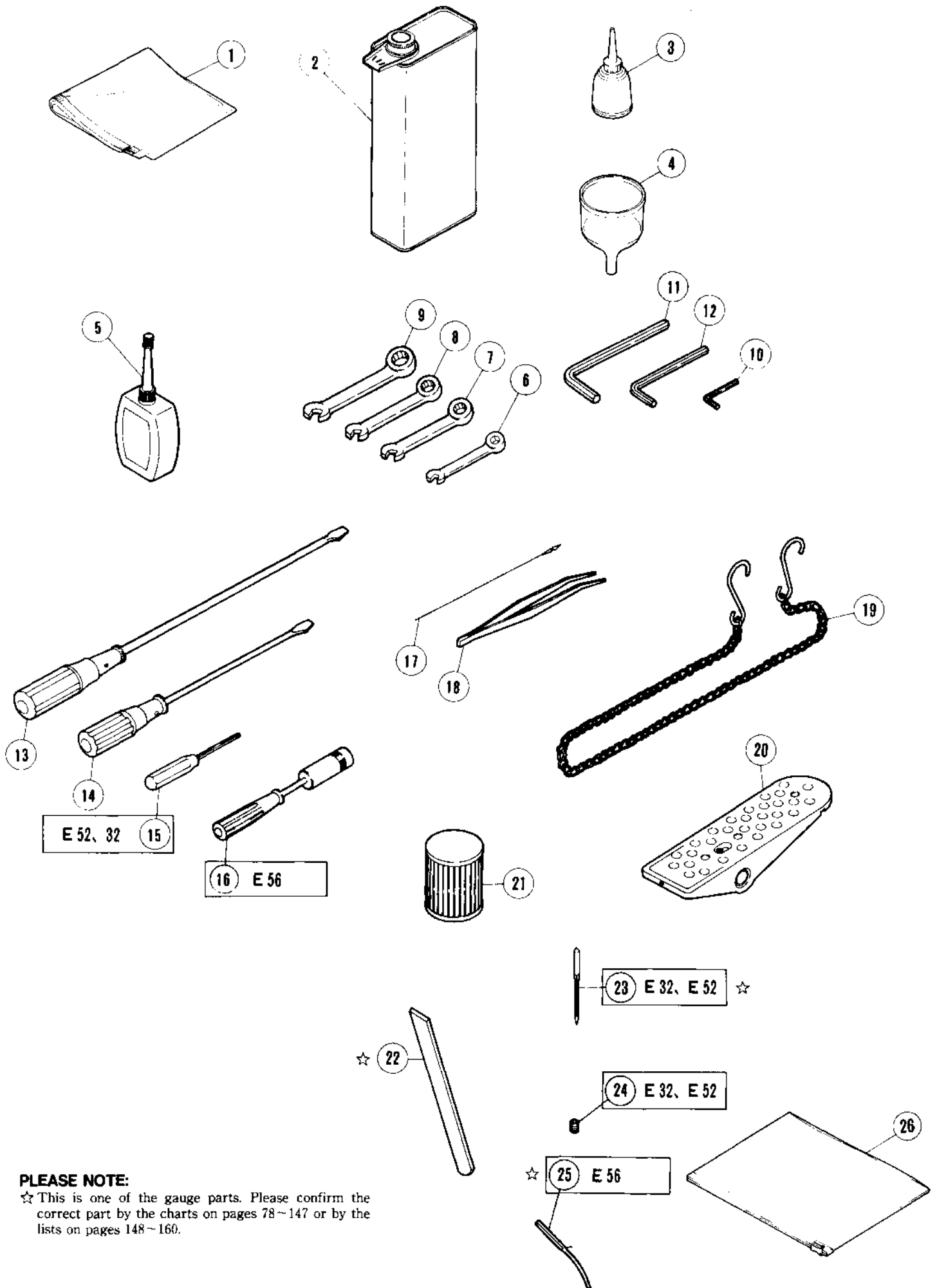
THREAD STAND

REF. NO.	PART NO. ブ パ ン	メイショウ	NAME	SPOOLS: 3	4	QT 5
	486C91	糸立(組)(3本立)	Thread stand assembly (3-spools)	1		
	486B91	" " (4本立)	" " " (4-spools)		1	
	486A91	" " (5本立)	" " " (5-spools)			1
1	503-JA	スタンド棒(下)	Thread stand rod (lower)	1	1	1
2	509	座金	Washer	1	1	1
3	5476	六角ナット	Nut	1	1	1
4	505-JA	ブラケット(3本立)	Bracket	1		1
5	505AJA	" (2本立)	Bracket		2	1
6	380A	糸立棒	Spool pin	3	4	5
7	201252	バネ座金	Spring washer	3	4	5
8	4803	六角ナット	Nut	3	4	5
9	381-JA	糸立受皿	Spool tray	3	4	5
10	507	ウレタン	Seat	3	4	5
11	382-JA	ユレ止メ	Spool retaining fig	3	4	5
12	7102	六角ネジ	Screw	1	2	2
13	512	座金	Washer	1	2	2
14	4022	平ネジ	Screw	1	2	2
15	502-JA	スタンド棒(上)	Thread stand rod (upper)	1	1	1
16	504-JA	ジョイント	Joint	1	1	1
17	4021	平ネジ	Screw	2	2	2
18	4805	六角ナット	Nut	2	2	2
19	383-JA	ブラケット	Bracket	1	1	1
20	384	糸道棒腕	Thread guide bar	1	1	1
21	4014	六角ネジ	Screw	1	1	1
22	4803	六角ナット	Nut	1	1	1
23	233-JA	ホルダー	Holder	1	1	1
24	4012	平ネジ	Screw	2	2	2
25	4803	六角ナット	Nut	2	2	2
26	293A	" (5本立)	Thread guide bar (5-spools)			1
27	293B	" (4本立)	Thread guide bar (4-spools)		1	
28	293C	" (3本立)	Thread guide bar (3-spools)	1		
29	4012	平ネジ	Screw	1	1	1
30	4803	六角ナット	Nut	1	1	1
31	505-JA	ブラケット(3本立)	Bracket	1		1
32	505AJA	ブラケット(2本立)	Bracket		2	1
33	506	糸目孔	Thread eyelet	3	4	5
34	7102	六角ネジ	Screw	1	2	2
35	512	座金	Washer	1	2	2
36	4022	平ネジ	Screw	1	2	2
37	386	キャップ	Cap	1	1	1



PARTS FOR SEMI-SUBMERGED INSTALLATION

REF. NO.	PART NO.	NAME	QT.	MEMO
1	205466	MACHINE REST BOARD	1	
2	9029	CUSHION RUBBER SET	1	
3	205473	CUSHION RUBBER	3	
4	210523	CUSHION RUBBER	1	
5	4513	HANGER BOLT	4	
6	206336	NUT	4	
7	205764	CUSHION RUBBER	4	
8	205765	LINER	4	
9	205467	SPACER	12	
10	206337	WASHER	8	
11	205470-JA	WASTE CHUTE TOP	1	
12	4904	SCREW	3	
13	9050	WASTE CHUTE SET	1	
14	205468-JA	UPPER CHUTE	1	
15	205469-JA	LOWER CHUTE	1	
16	4905	SCREW	4	
17	206337	WASHER	8	

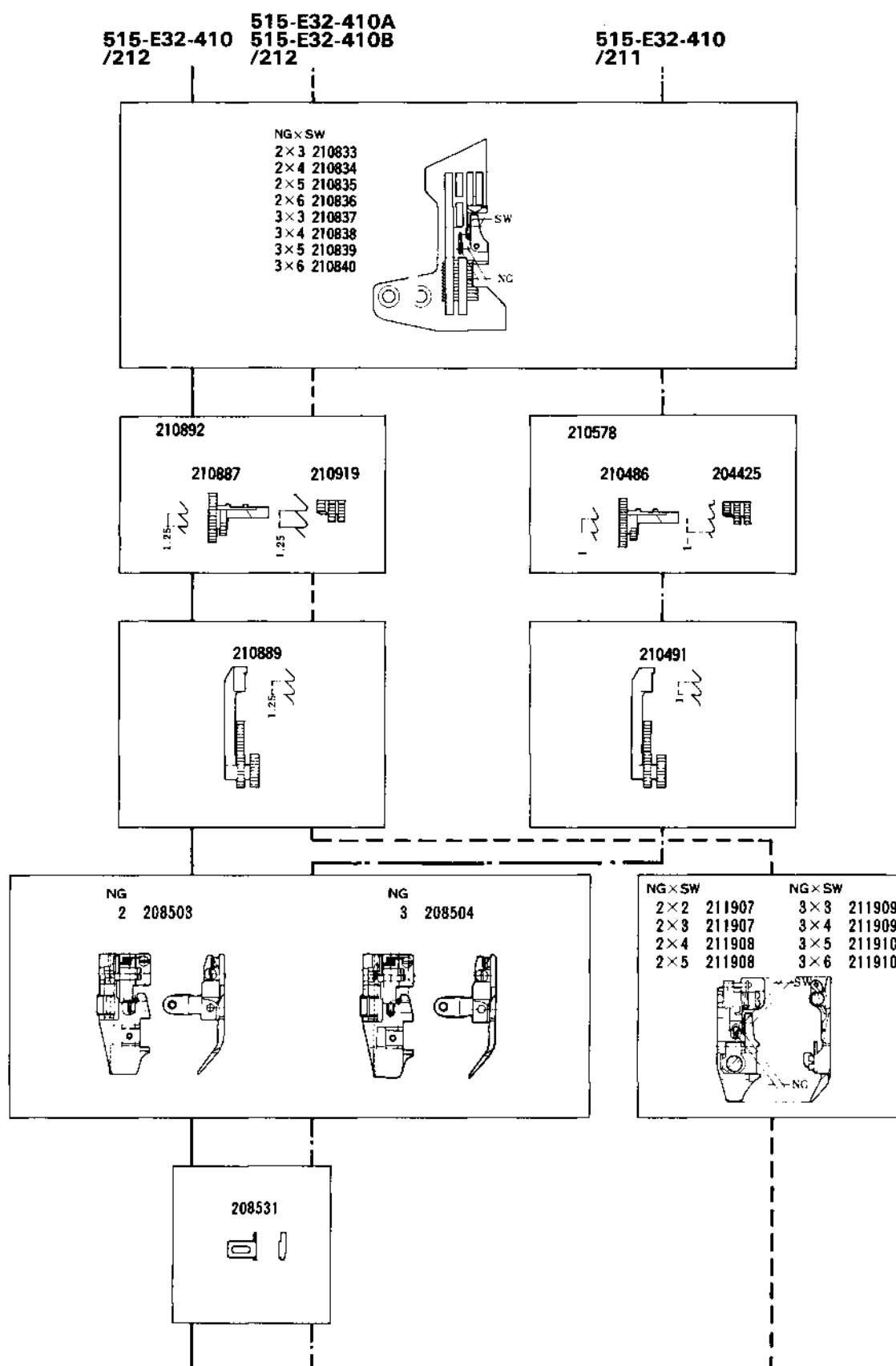


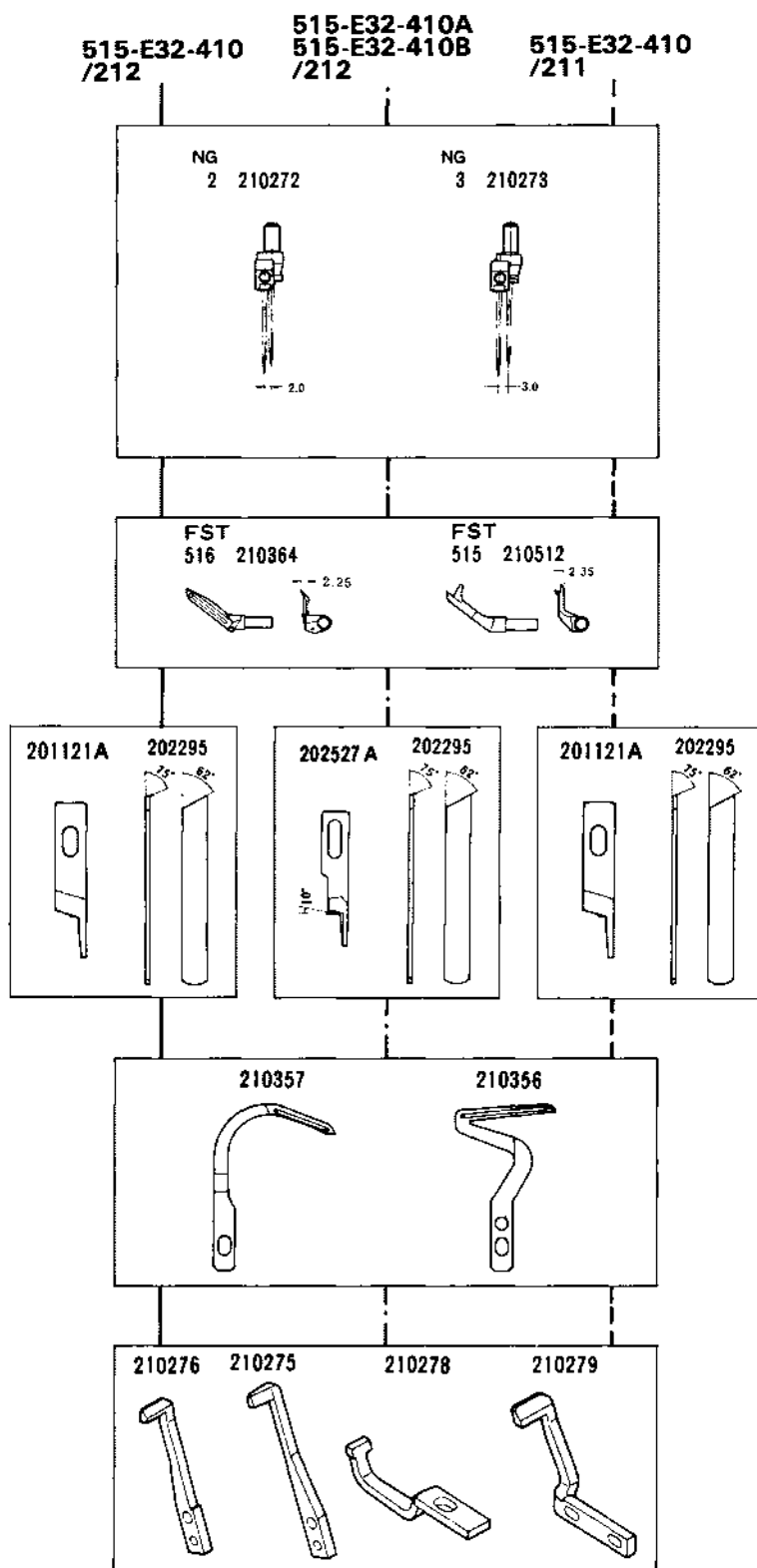
PLEASE NOTE:

☆ This is one of the gauge parts. Please confirm the correct part by the charts on pages 78~147 or by the lists on pages 148~160.

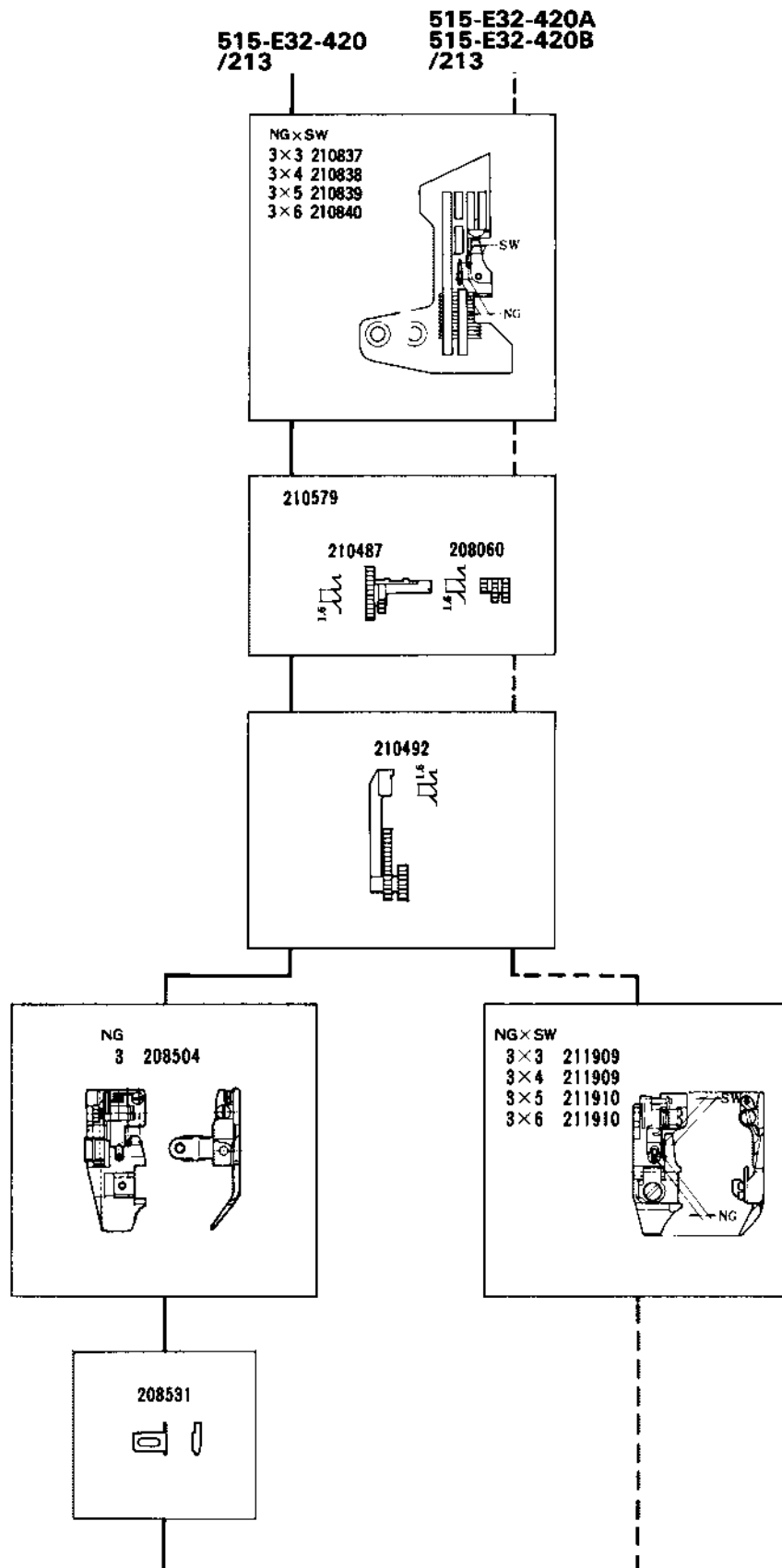
ACCESSORIES

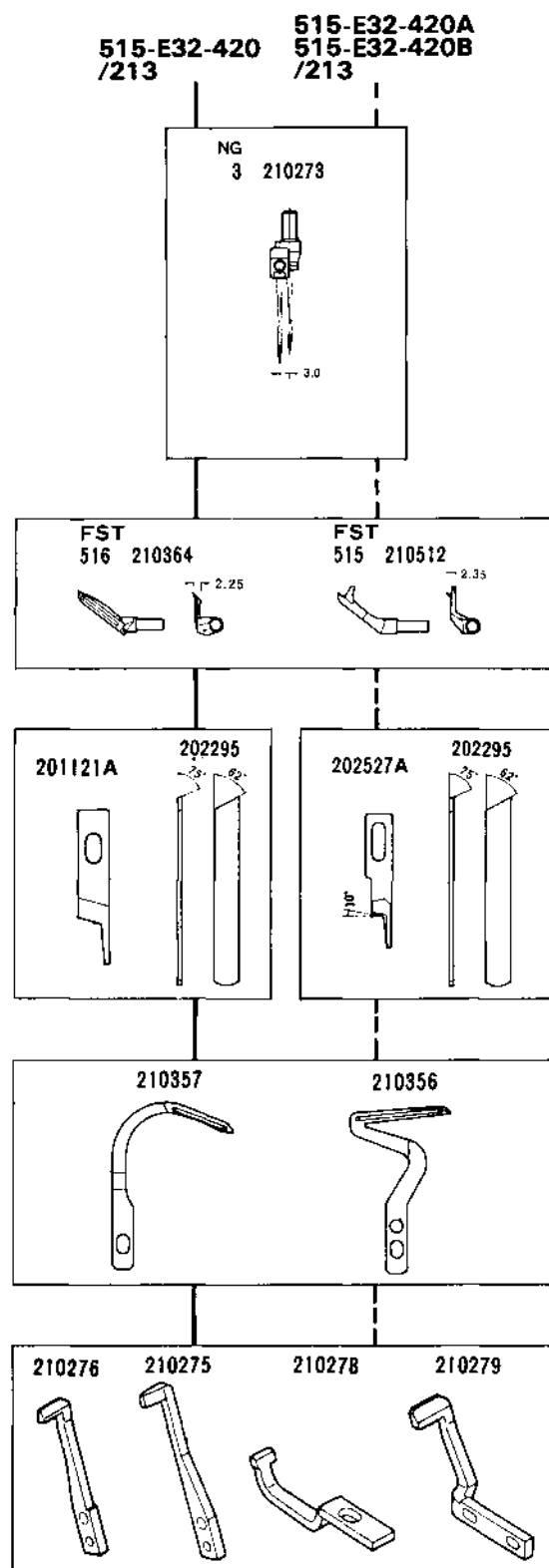
REF. NO.	PART NO.	NAME	QT.	MEMO
1	908	NYLON COVER	1	
2	453	OIL CONTAINER/1000CC	1	
3	485	OILER	1	
4	484	FUNNEL	1	
5	178	SILICONE OIL CONTAINER/50CC	1	
6	391	WRENCH 5MM	1	
7	283	WRENCH 6MM	1	
8	284	WRENCH 7MM	1	
9	285	WRENCH 8MM	1	
10	322	ALLEN KEY/2.38MM 3/32"	1	
11	272	ALLEN KEY/6.0MM 15/64"	1	
12	200	ALLEN KEY/4.76MM 3/16"	1	
13	127	SCREWDRIVER	1	
14	128	SCREWDRIVER	1	
15	179	ALLEN KEY DRIVER/1.56MM	1	
16	152	WRENCH/7MM		
17	153	THREADING WIRE	1	
18	131	TWEEZERS	1	
19	392	CHAIN	1	
20	478	TREADLE	1	
21	206233	OIL FILTER	1	
☆22	XXXXXX	LOWER KNIFE	2	
☆23	XXXXXX	NEEDLE	10	
24	5292	SCREW	2	
☆25	XXXXXX	NEEDLE	5	
26	482	ACCESSARY BAG	1	



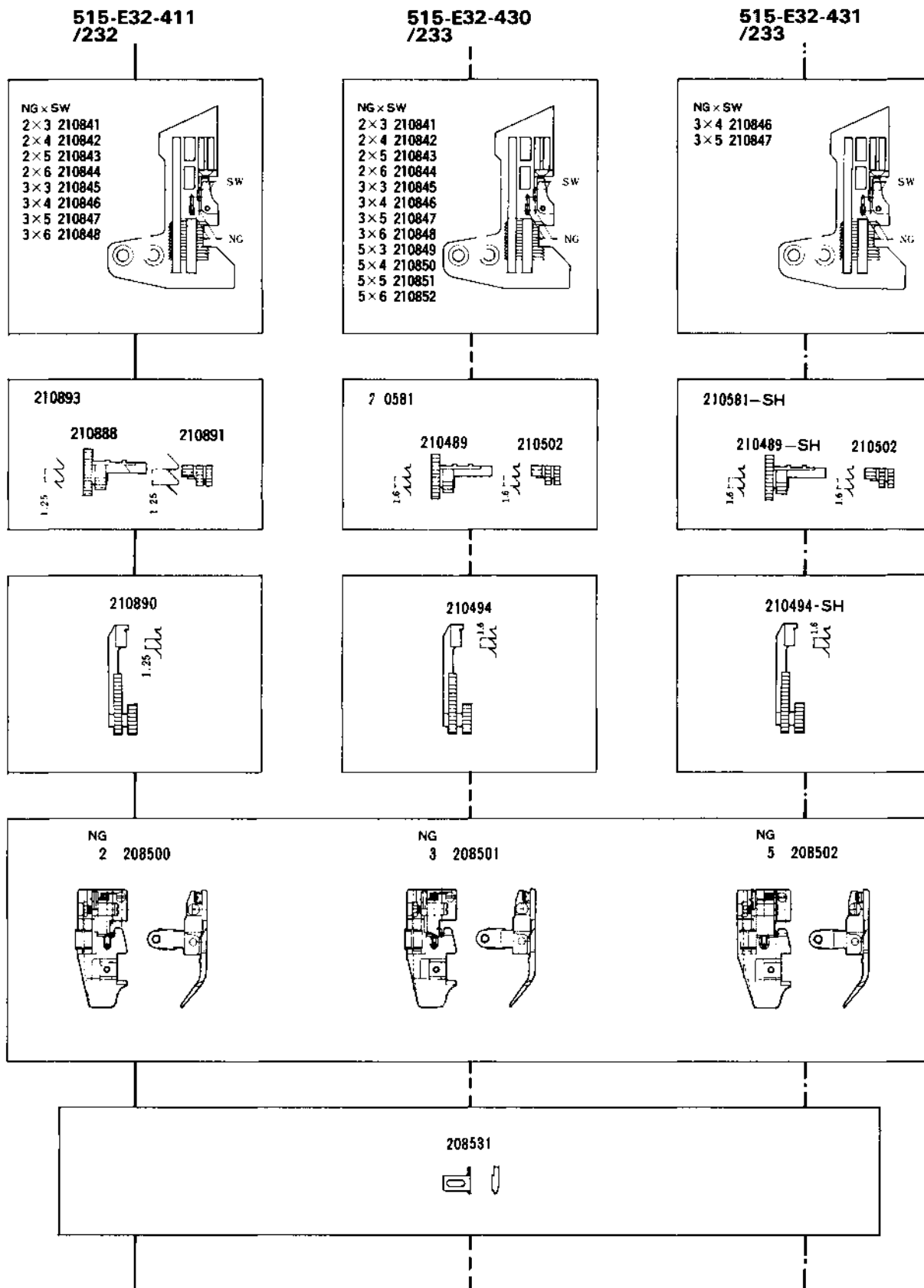


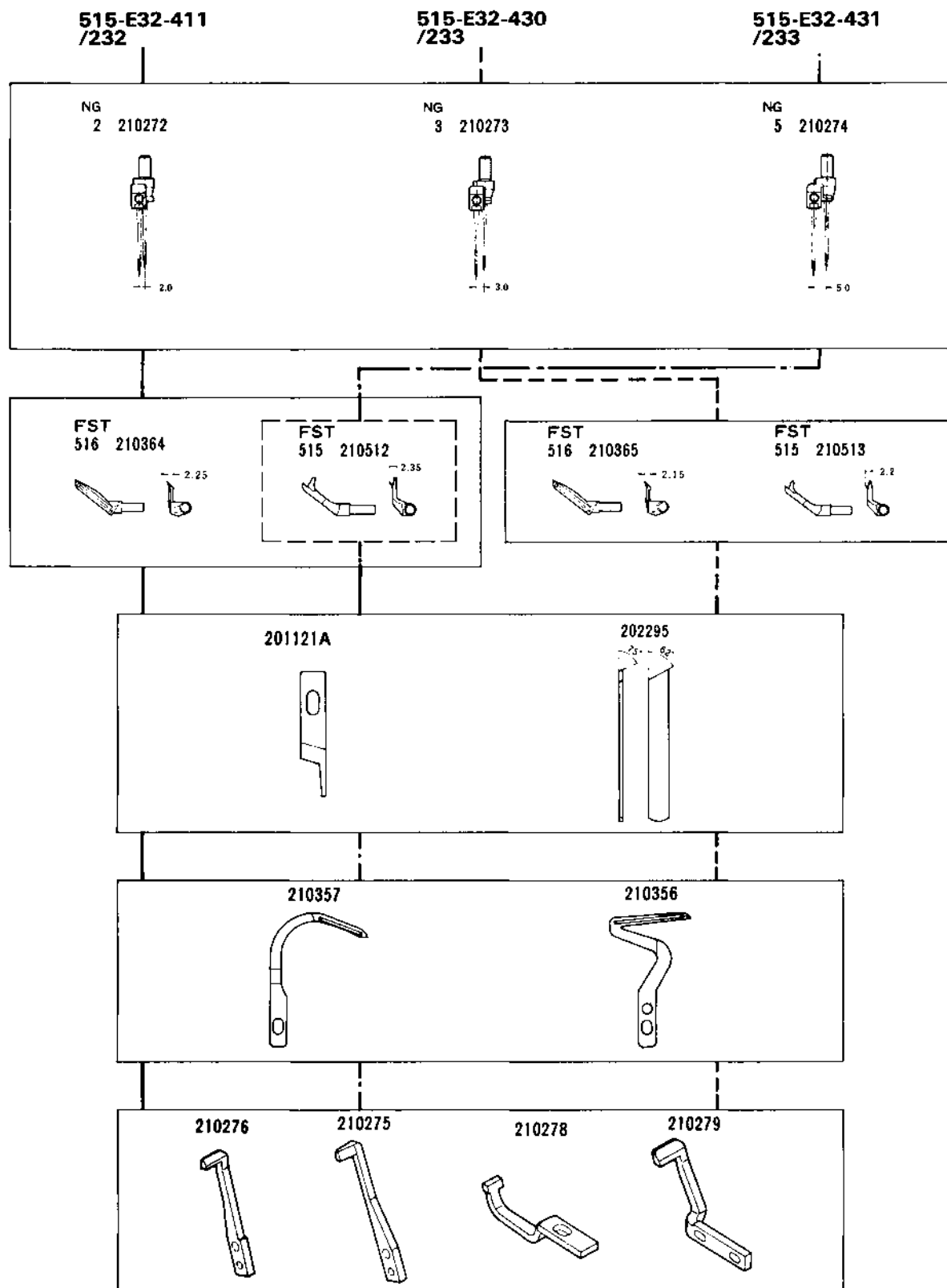
						MEMO	
515-E32-410/211-	3.6	2 3	3·4·5·6	0.7~2	7,500		Specially designed to prevent seam puckering. The extra fine tooth pitch (1.0mm) makes it ideal for permappress fabrics, nylon linings etc.
515-E32-410/212-							Fine tooth pitch makes these ideal for seaming on permappress fabrics, nylon linings etc.
515-E32-410A/212-							Ideal for seaming on permappress fabrics, nylon linings, etc. Specially designed for curved seaming. Equipped with an ordinary presser arm.
515-E32-410B/212-							Ideal for seaming on permappress fabrics, nylon linings, etc. Specially designed for curved seaming. Equipped with a floating presser arm.



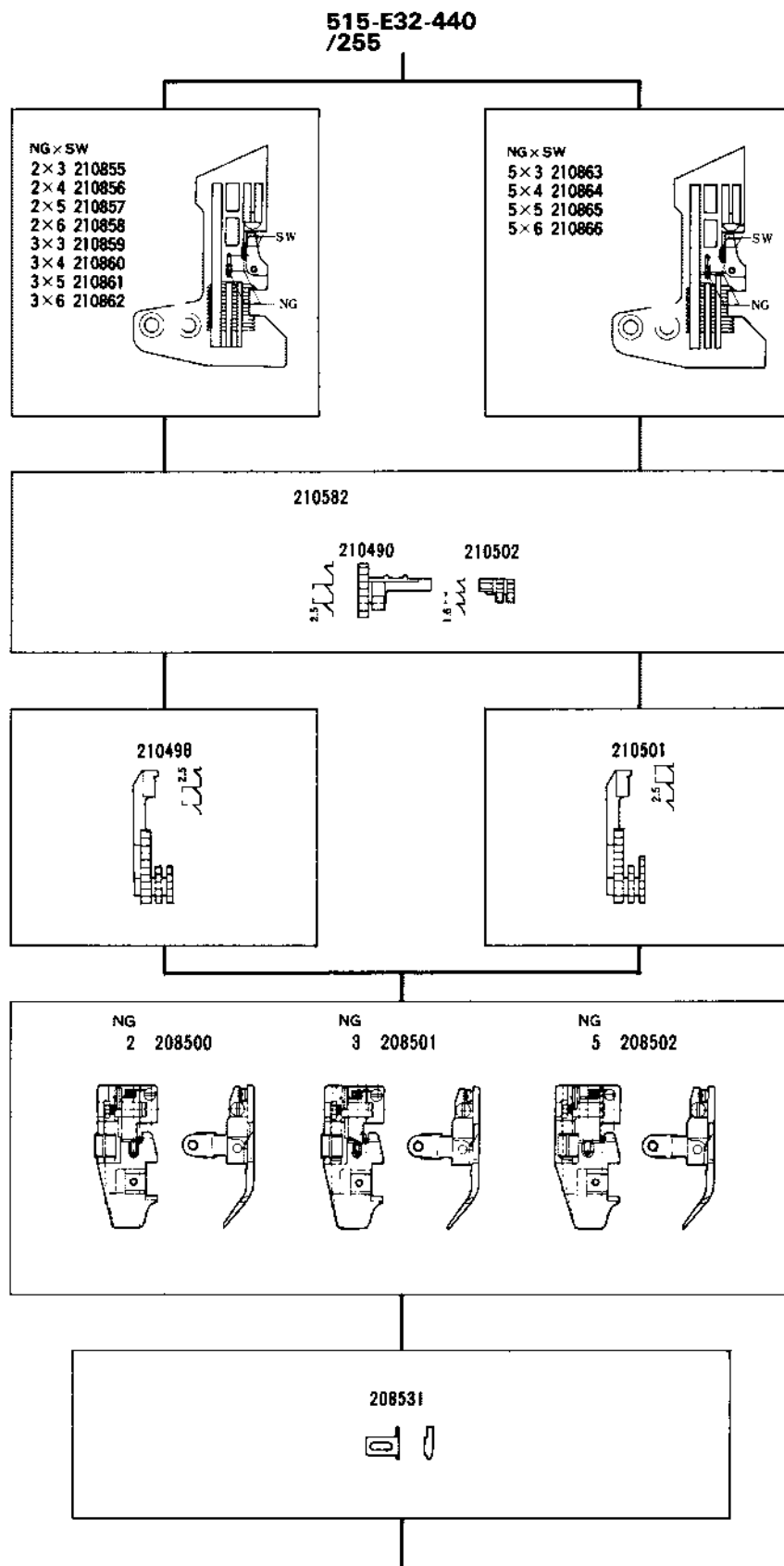


						MEMO	
515-E32-420/213-							For general seaming on woven or knit fabrics such as slacks, pajamas, shirts, sweatpants etc.
515-E32-420A/213-	3.6	3	3-4-5-6	0.7~2	7,500		Seaming on light to medium weight fabrics. Specially designed for curved seaming. Equipped with an ordinary presser arm.
515-E32-420B/213-							Seaming on light to medium weight fabrics. Specially designed for curved seaming. Equipped with a floating presser arm.

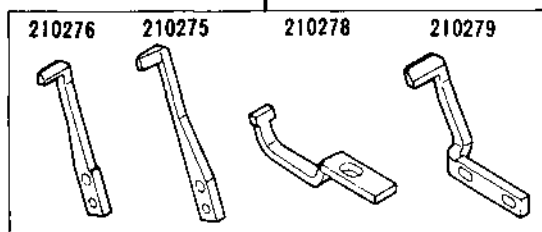
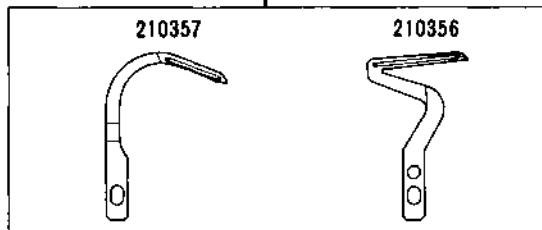
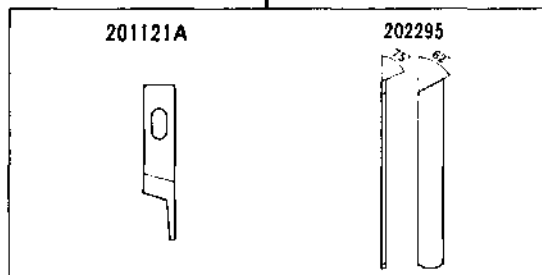
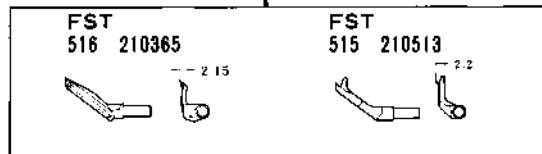
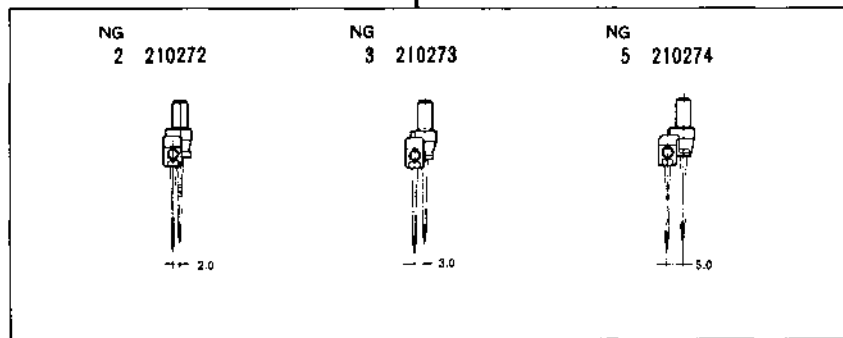




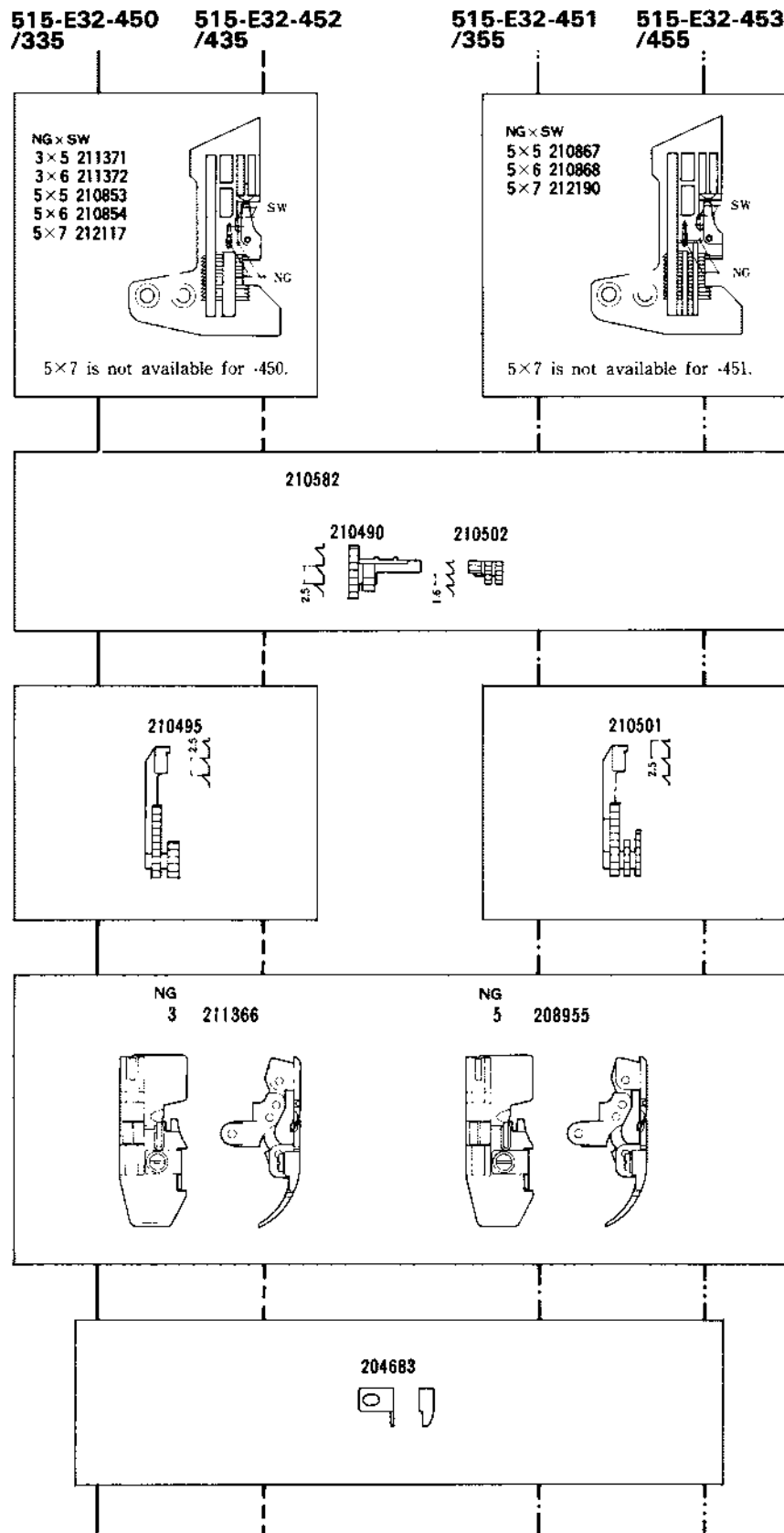
						MEMO	
515-E32-411/232-	3.6	2	3-4-5-6	0.7-2	7,500		Fine tooth pitch makes these ideal for seaming on permapress fabrics, nylon linings etc.
515-E32-430/233-		2 3 5	3-4-5-6				For general seaming on woven or knit fabrics such as slacks, pajamas, shirts, sweatpants etc.
515-E32-431/233-		3	4-5				

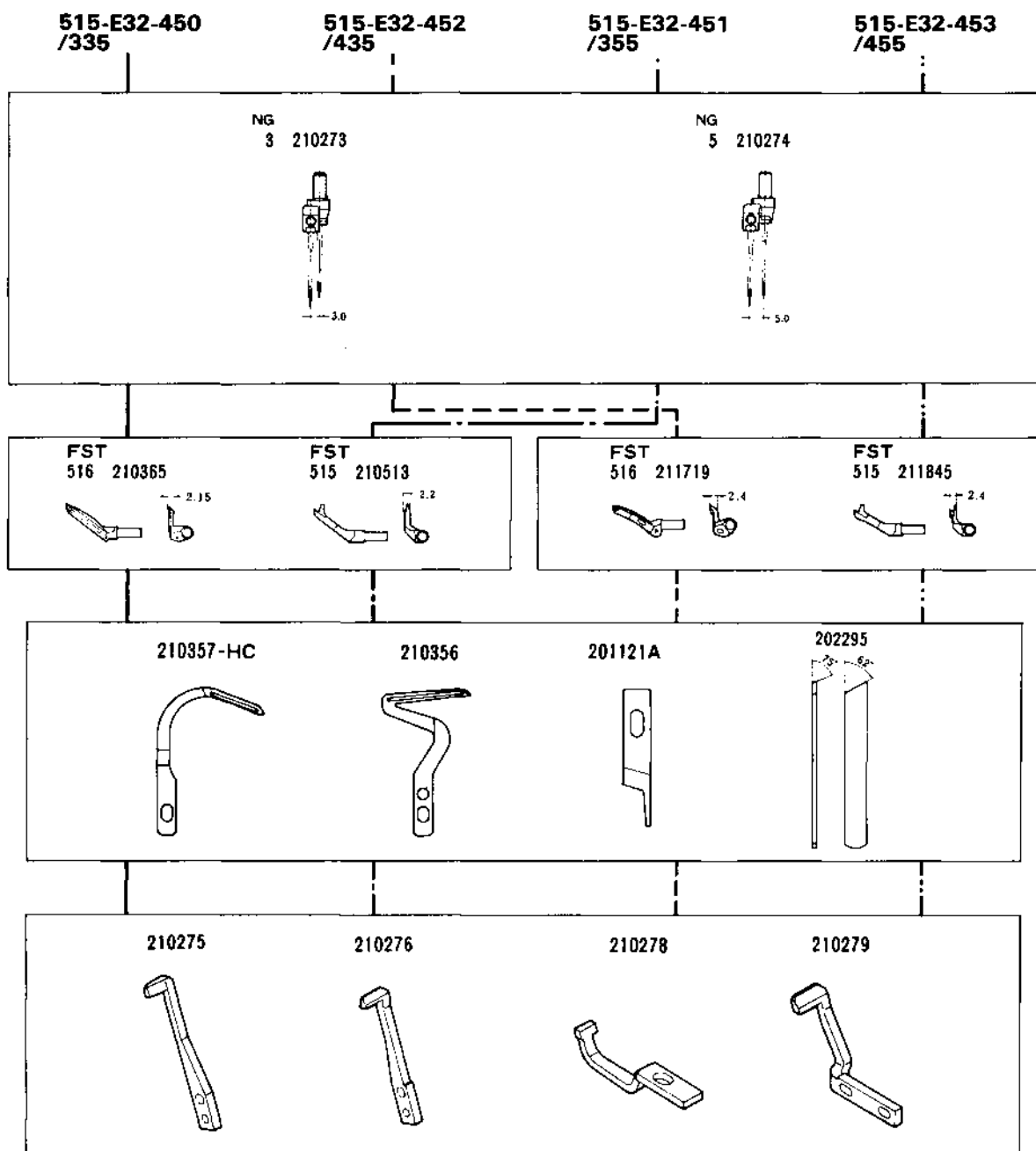


515-E32-440
/255

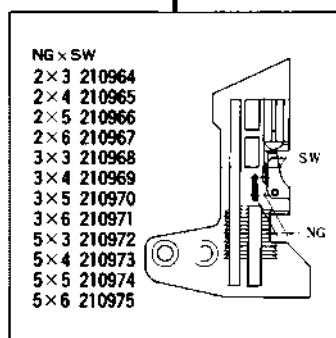
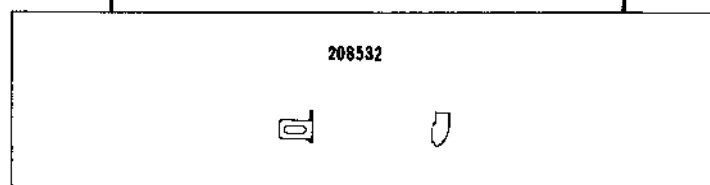
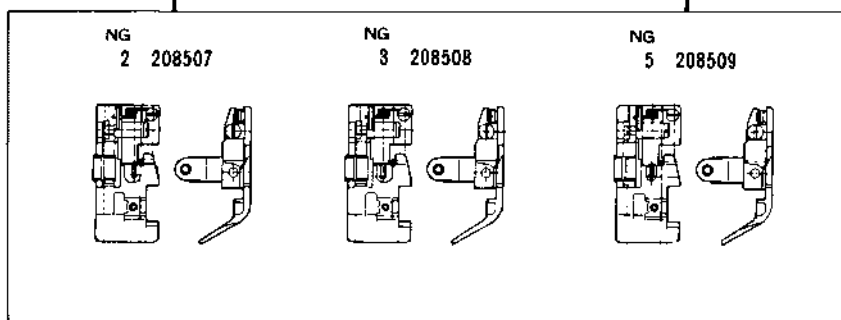
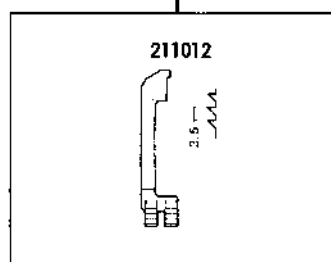
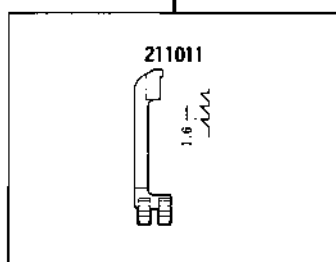
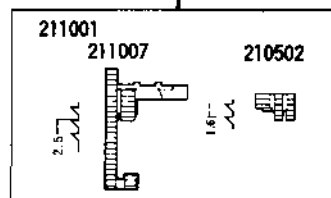
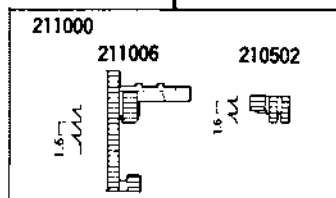
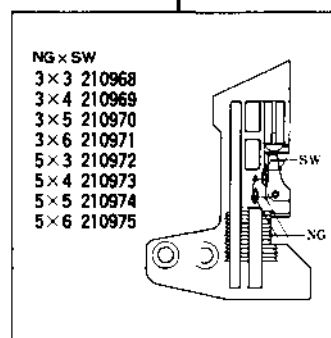


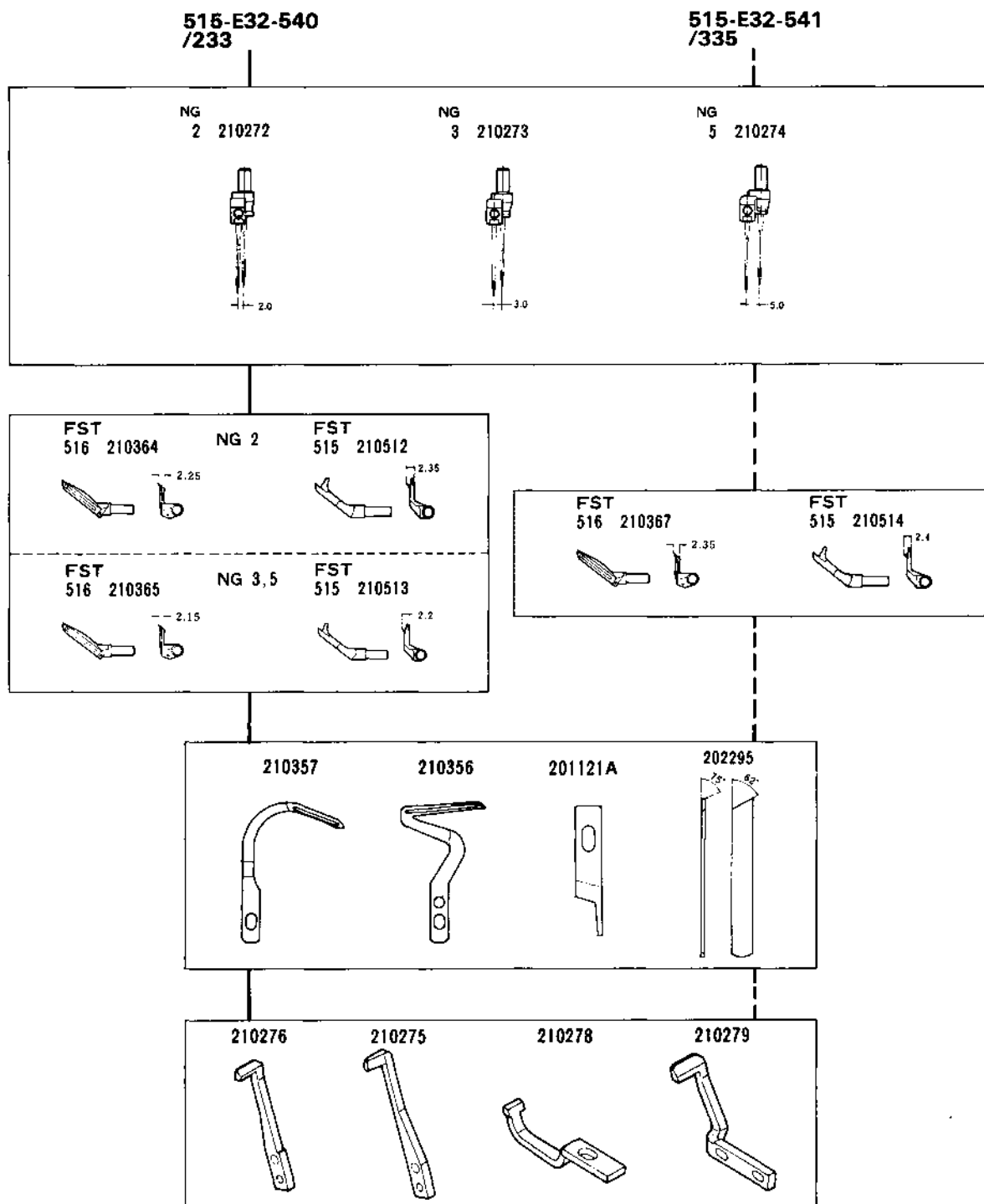
						MEMO	
515-E32-440/255-	3.6	2 3 5	3·4·5·6	0.7~2	7,000		For Seaming on heavyweight materials such as jeans.



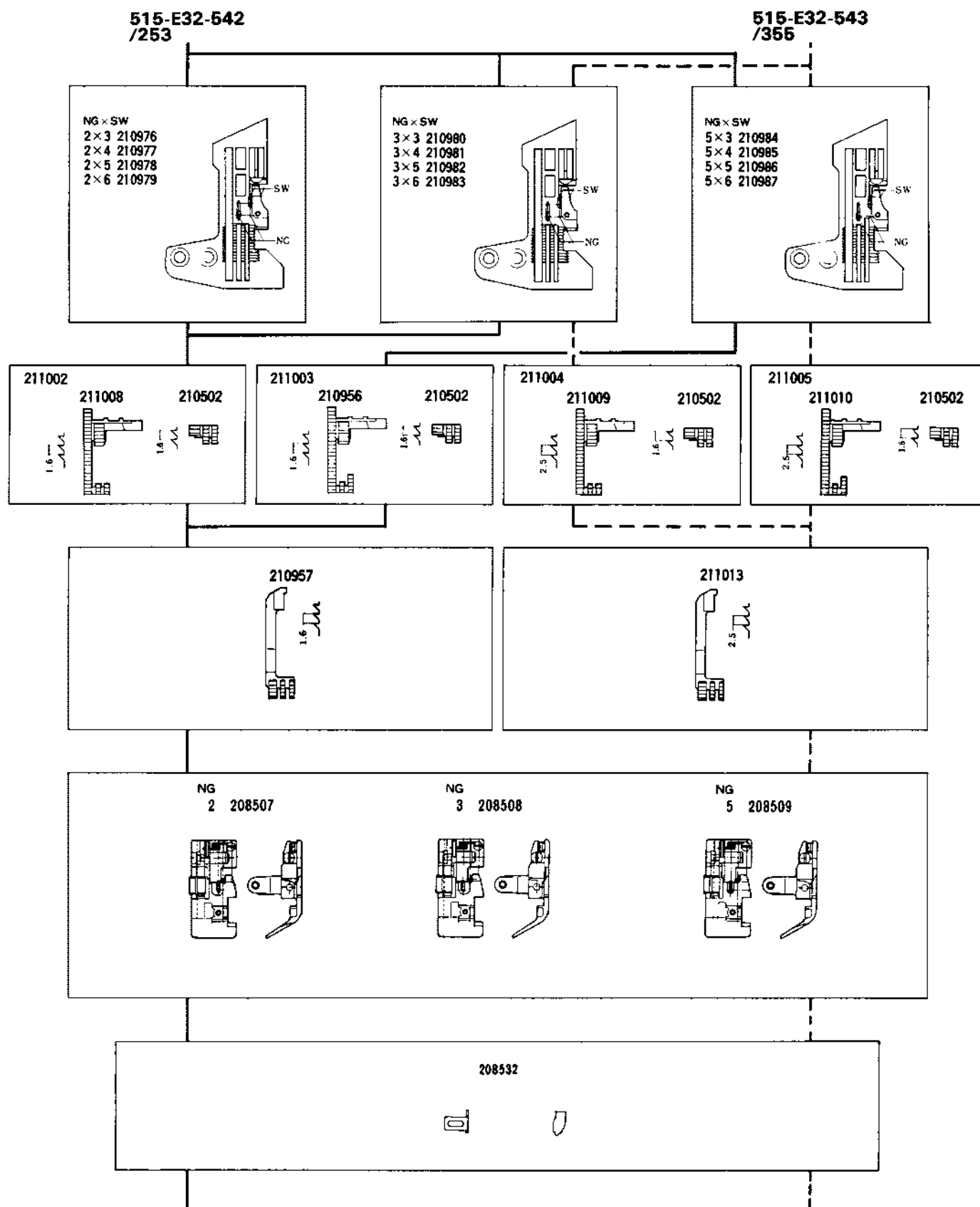


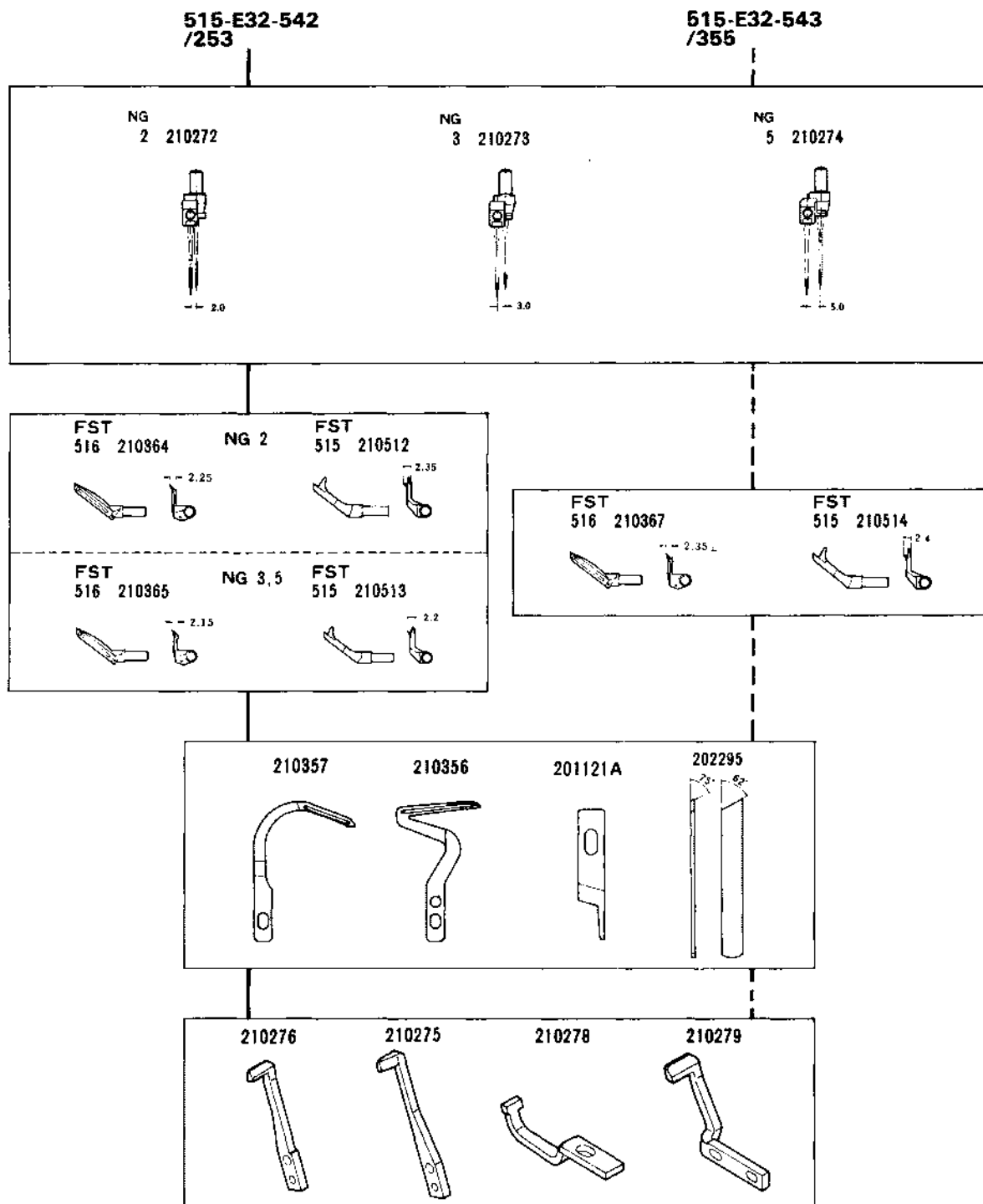
						MEMO	
515-E32-450/335-	5	3 5	5-6			0.7~1.4 6,500	Fitted with caterpillar foot for trouble-free seaming on jeans, workwear etc.
515-E32-451/355-		5	5-6				
515-E32-452/435-		3 5	5-6-7				
515-E32-453/455-		3 5	5-6-7				

515-E32-540
/233515-E32-541
/335

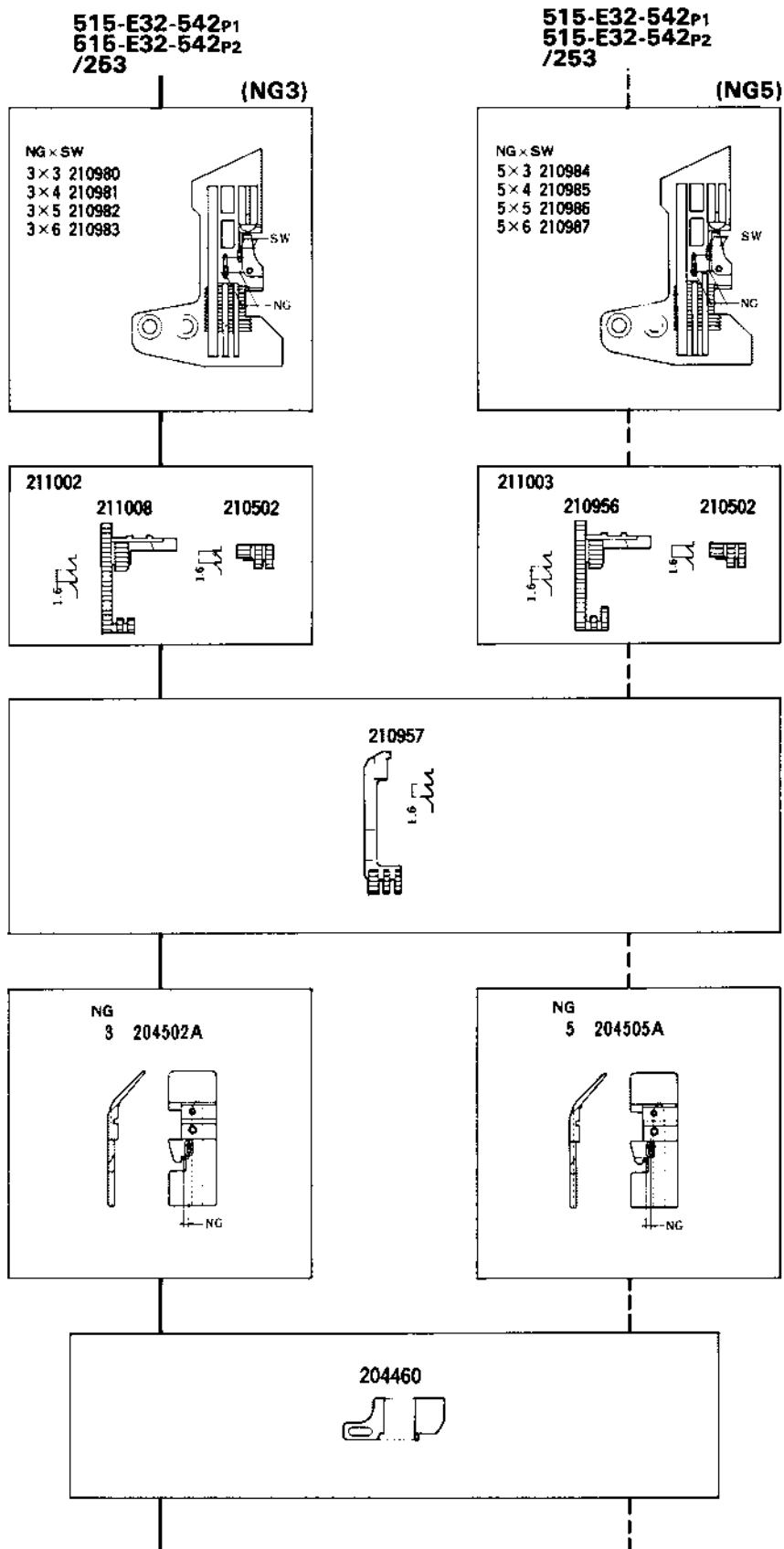


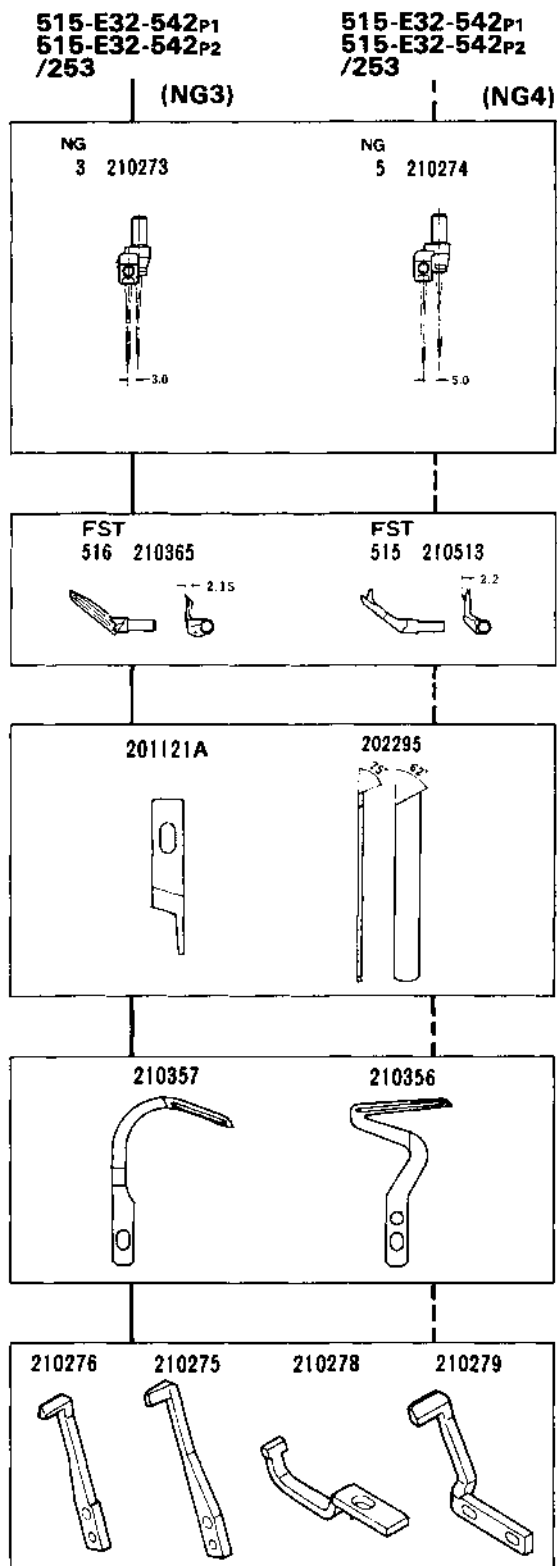
						MEMO	
515-E32-540/233-	3.2	2	3-4-5-6	0.8~3	7,000		For intermittent shirring on light to medium weight materials such as negligee, curtains etc.
515-E32-541/335-		3					For shirring on heavier weight materials such as nightgowns, curtains etc.



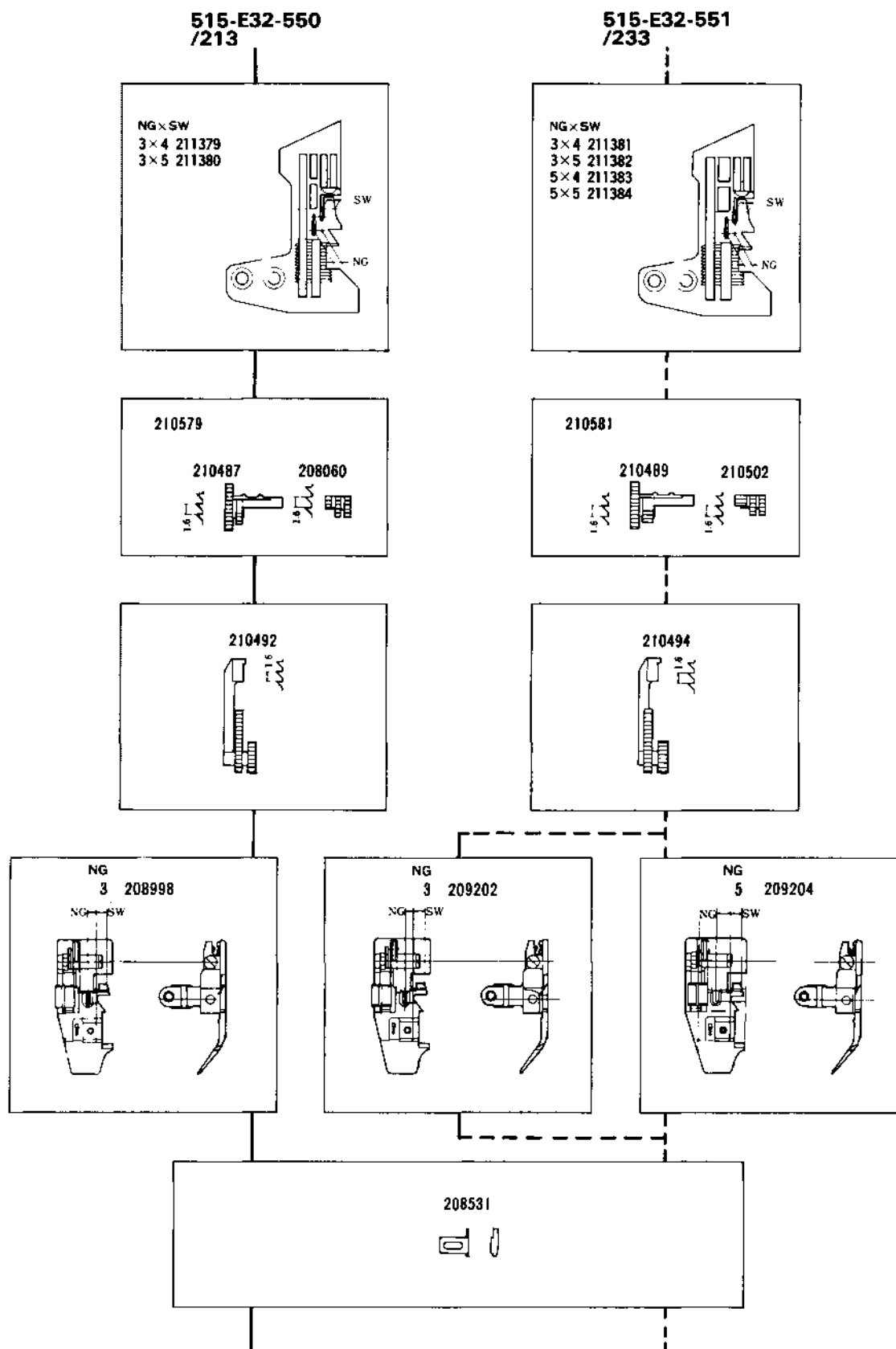


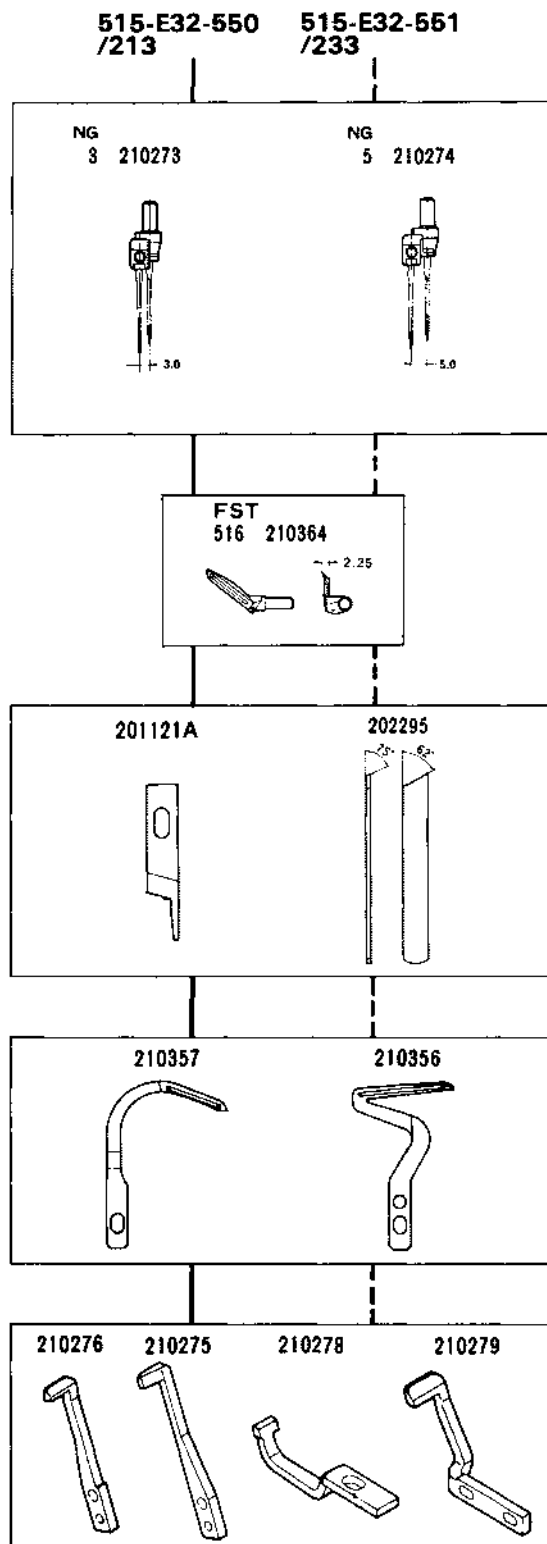
						MEMO	
515-E32-542/253-	3.2	2 3 5	3·4·5·6	0.8~3	7,000		For intermittent shirring on light to medium weight materials such as negligee, curtains etc.
515-E32-543/355-		3 5					For shirring on heavier weight materials such as nightgowns, curtains etc.



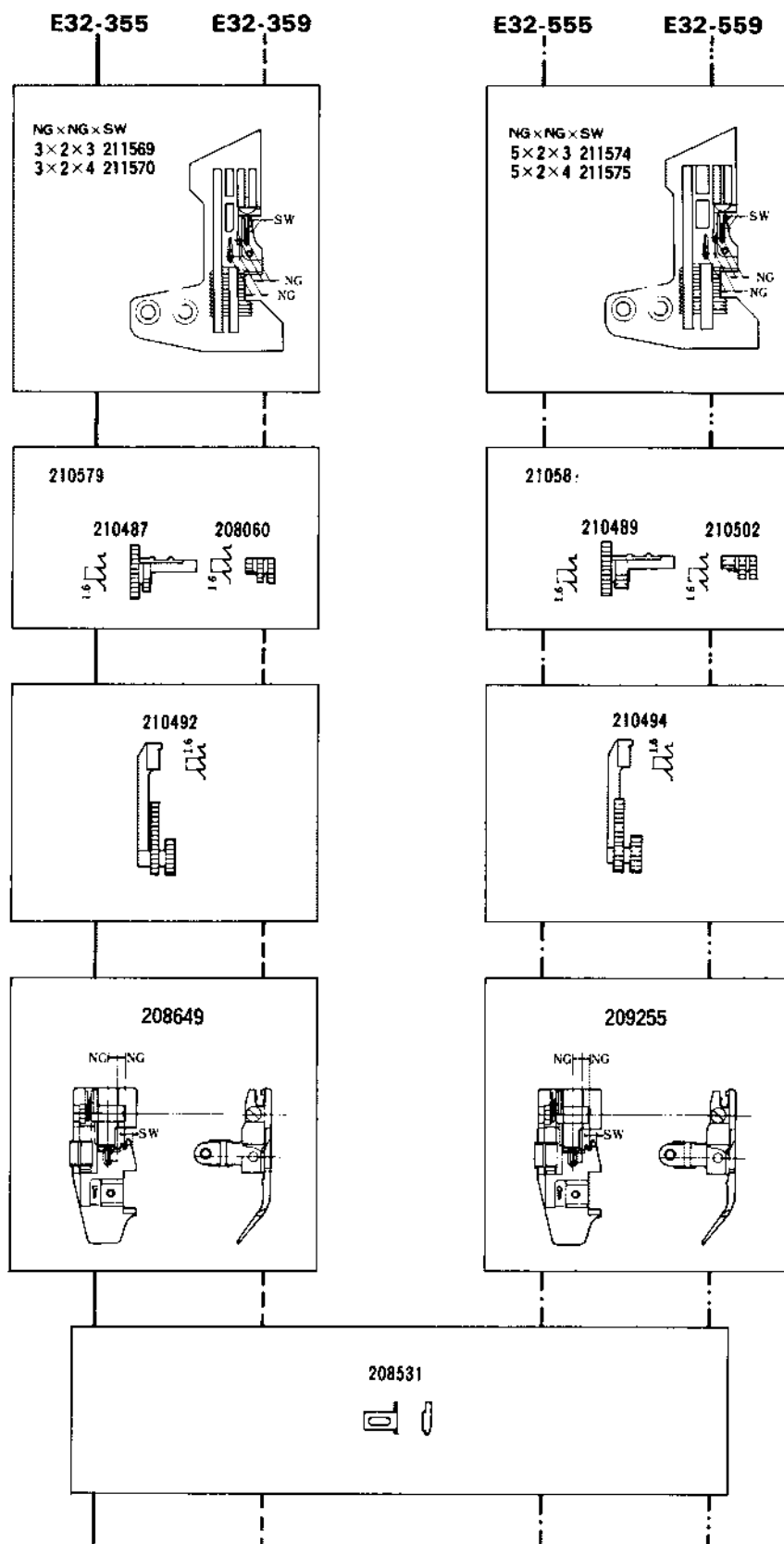


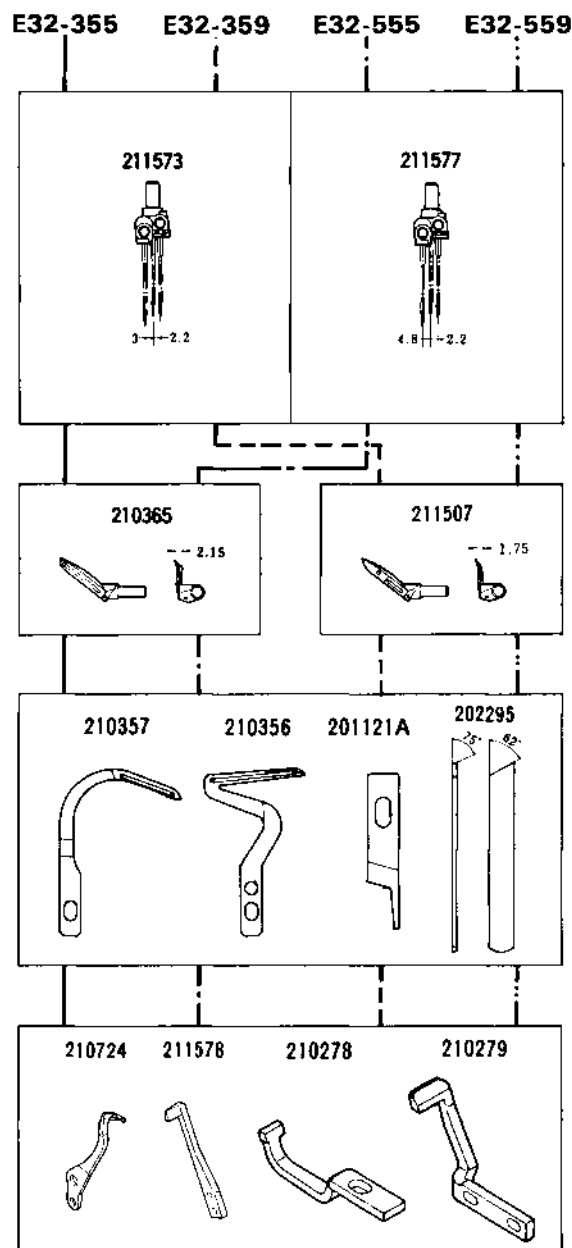
						MEMO	
515-E32-542P1/253-	3.2	3 5	3·4·5·6	0.8-3	5,000		Shirring/piping on light to medium weight fabrics such as pajamas, training wear. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.
515-E32-542P2/253-							





						MEMO	
515-E32-550/213-	3.6	3	3-4	0.7~2	7,500		Fitted with a binding attachment to insert a tape inside seam. Ensures high quality results.
515-E32-551/233-		3 5	4-5				

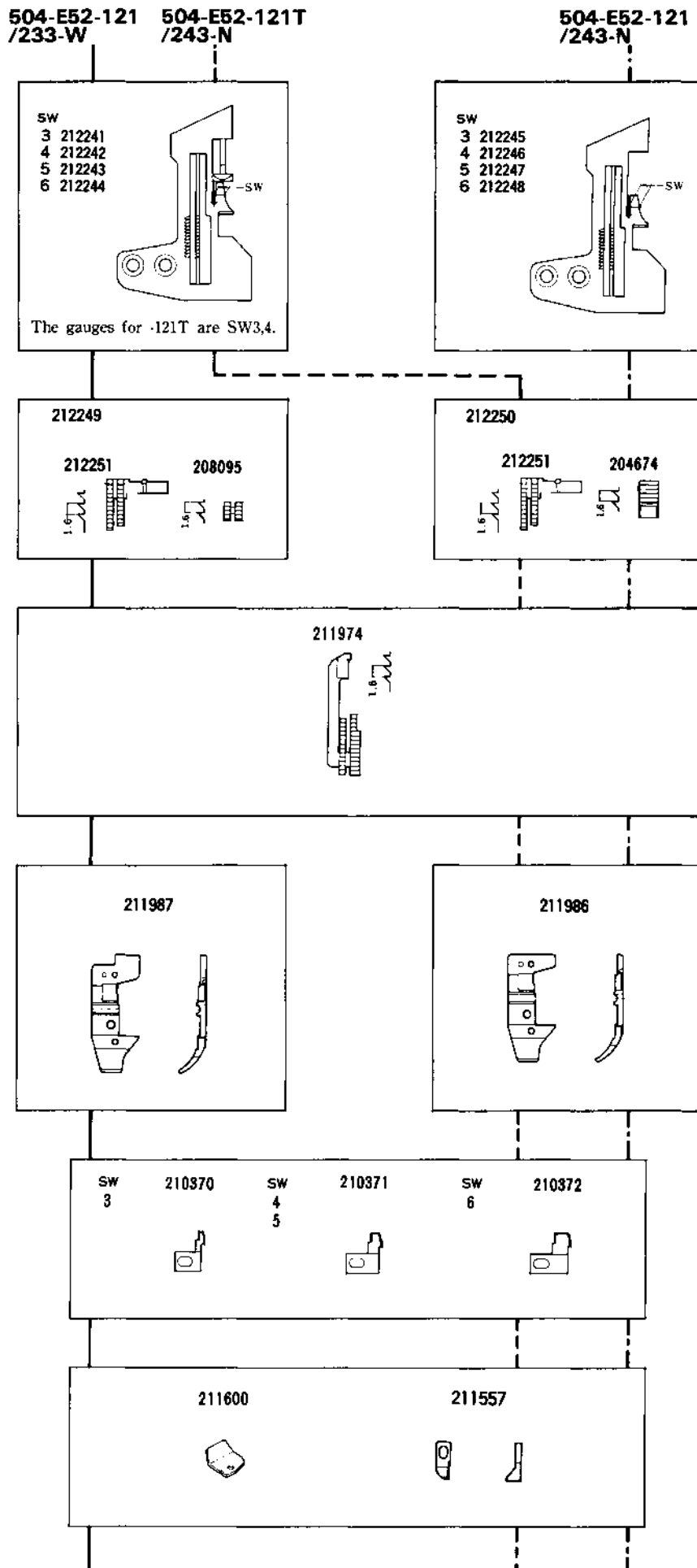


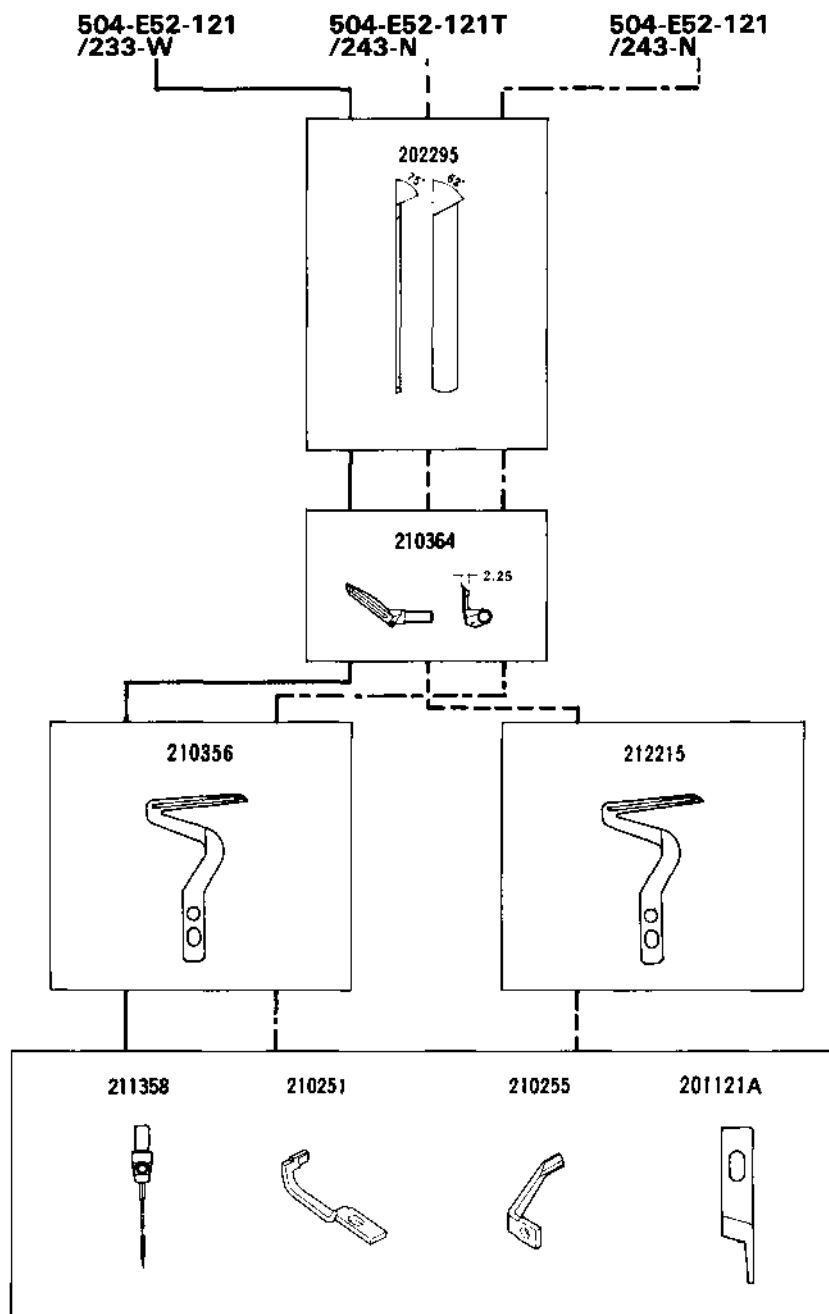


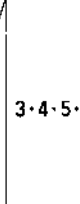
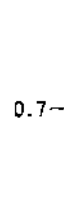
						MEMO	
E32-355/313-	3.6	3×2	3·4	0.7~2	7,000		Versatile high speed machines. Five different stitch types make them especially suitable for short run, high fashion locations. Two further stitch types (503, 515) can be obtained merely by changing the upper looper.
E32-359/313-		—					
E32-555/333-		5×2					
E32-559/333-							

504-E52-121 504-E52-121T

GAUGE PARTS CONSTRUCTION CHART

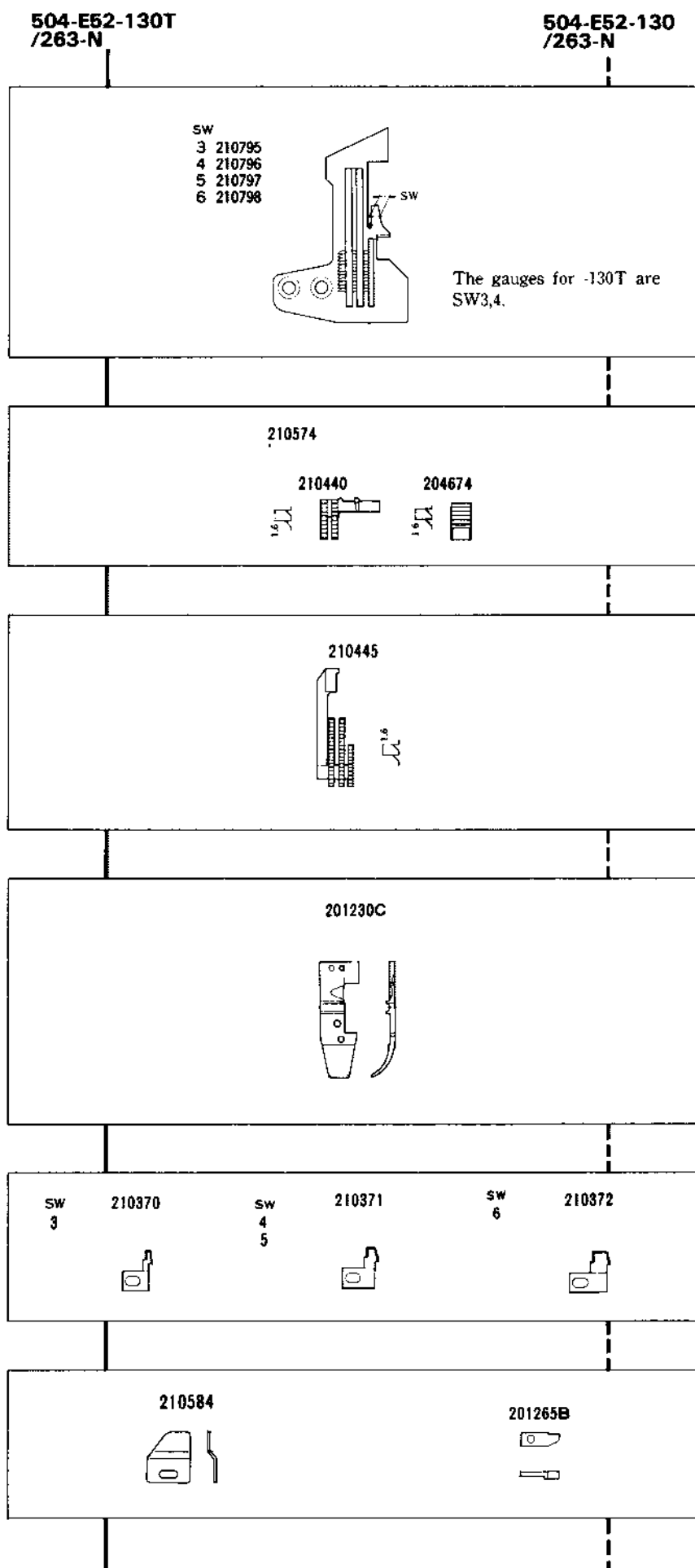


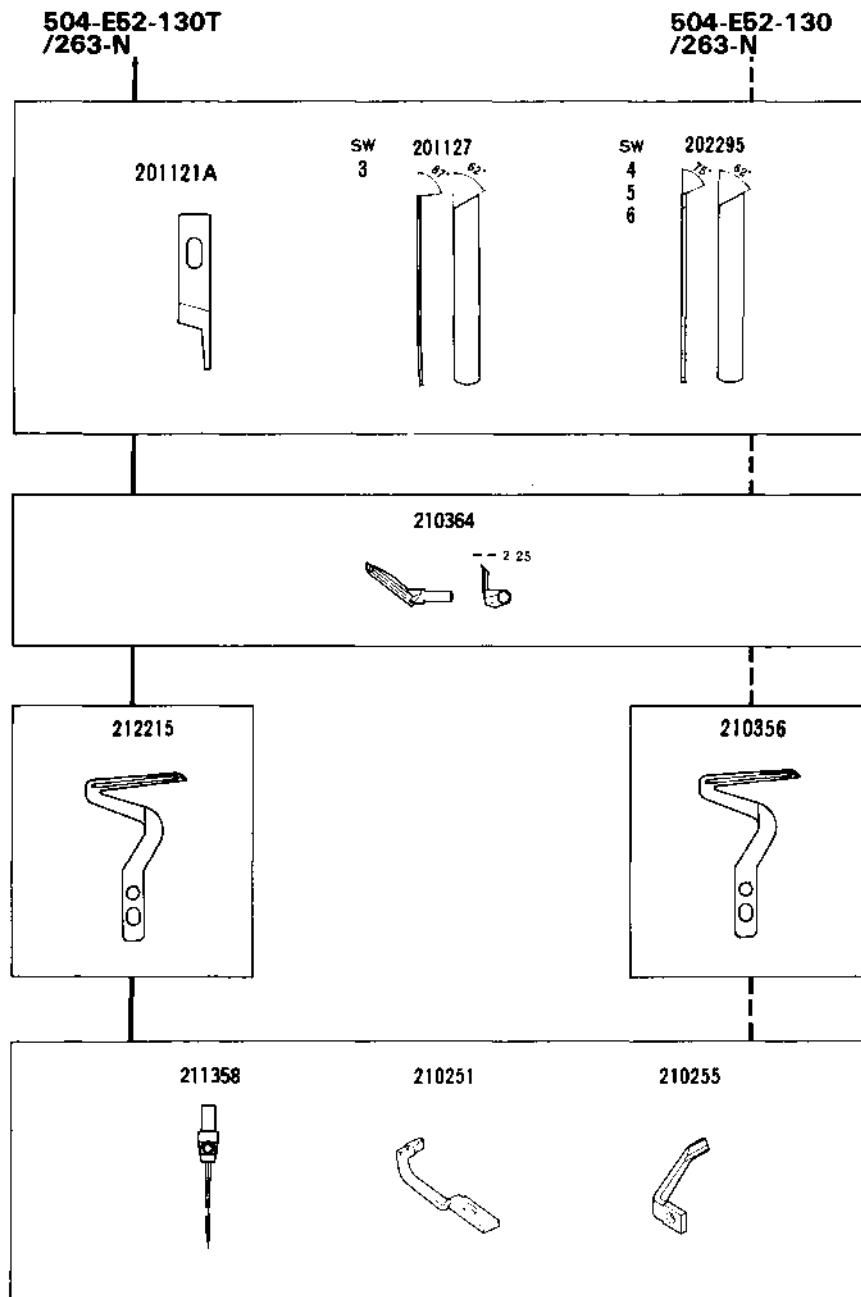


						MEMO	
504-E52-121/233-W	3.2				8,000		Seaming on foundations, light weight sweaters, dresses, etc.
504-E52-121/243-N							
504-E52-121T/243-N							Seaming with a soft seam (stretchable thread chain) on foundations, light weight sweaters, dresses, etc.

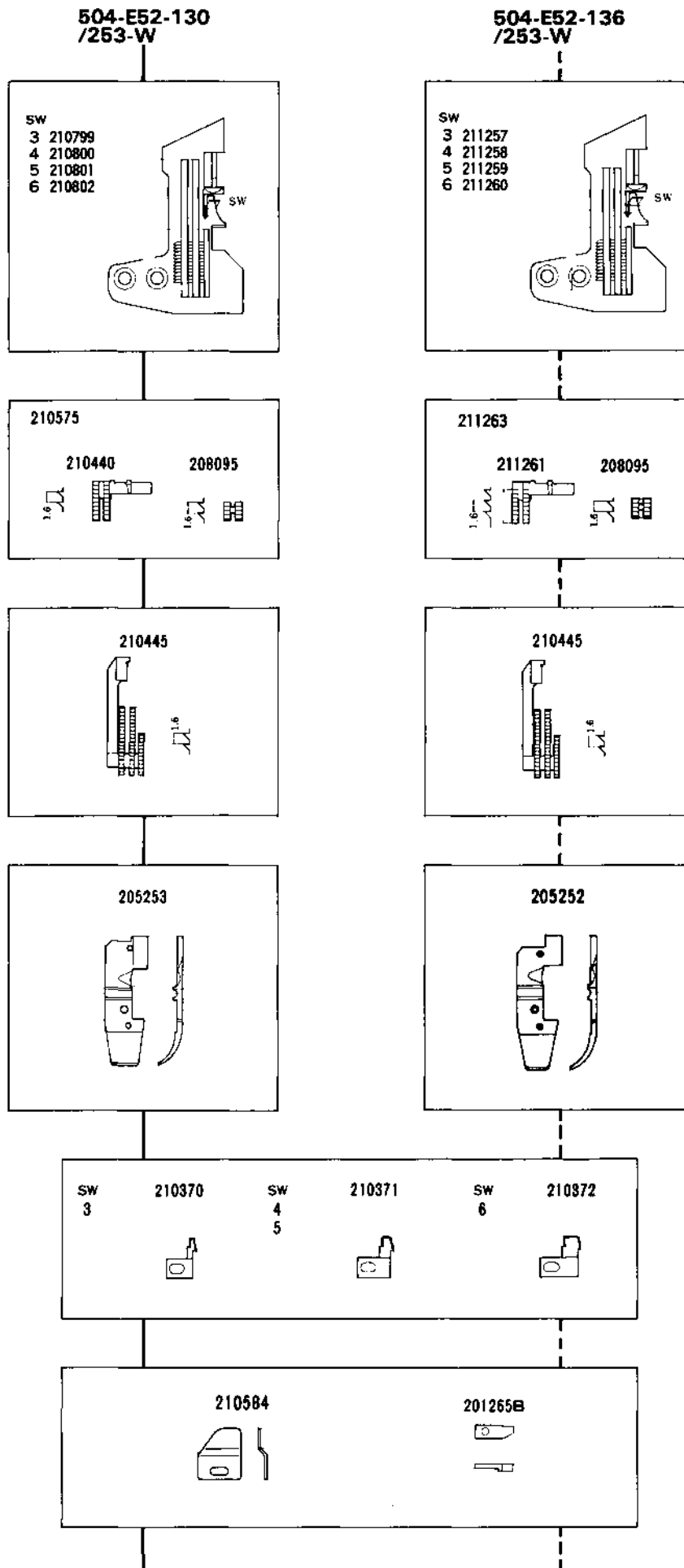
504-E52-130 504-E52-130T

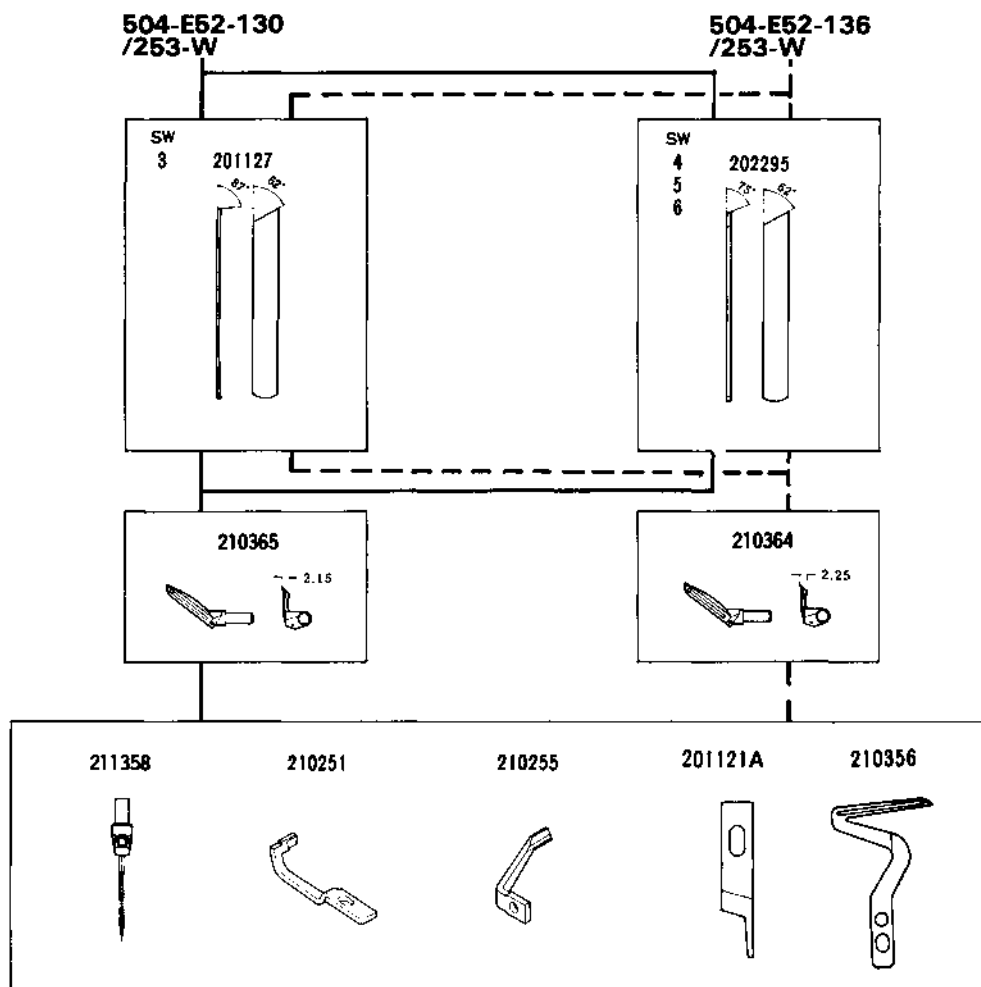
GAUGE PARTS CONSTRUCTION CHART





						MEMO	
504-E52-130T/263-N	3.6		3-4-5-6	0.7-2	8,000		General searning with a soft seam (stretchable thread chain) on light to medium weight fabrics.
504-E52-130/263-N							For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.

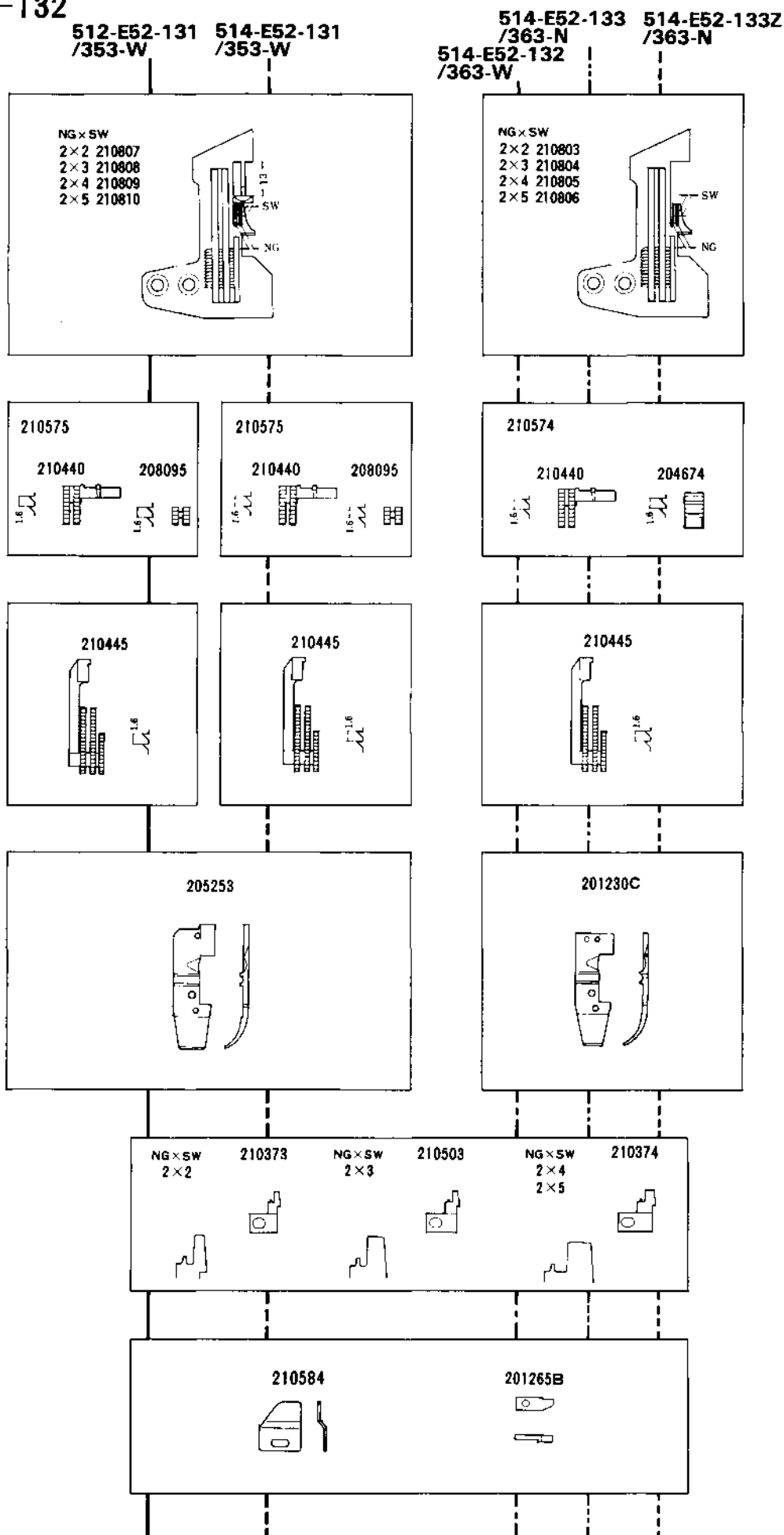


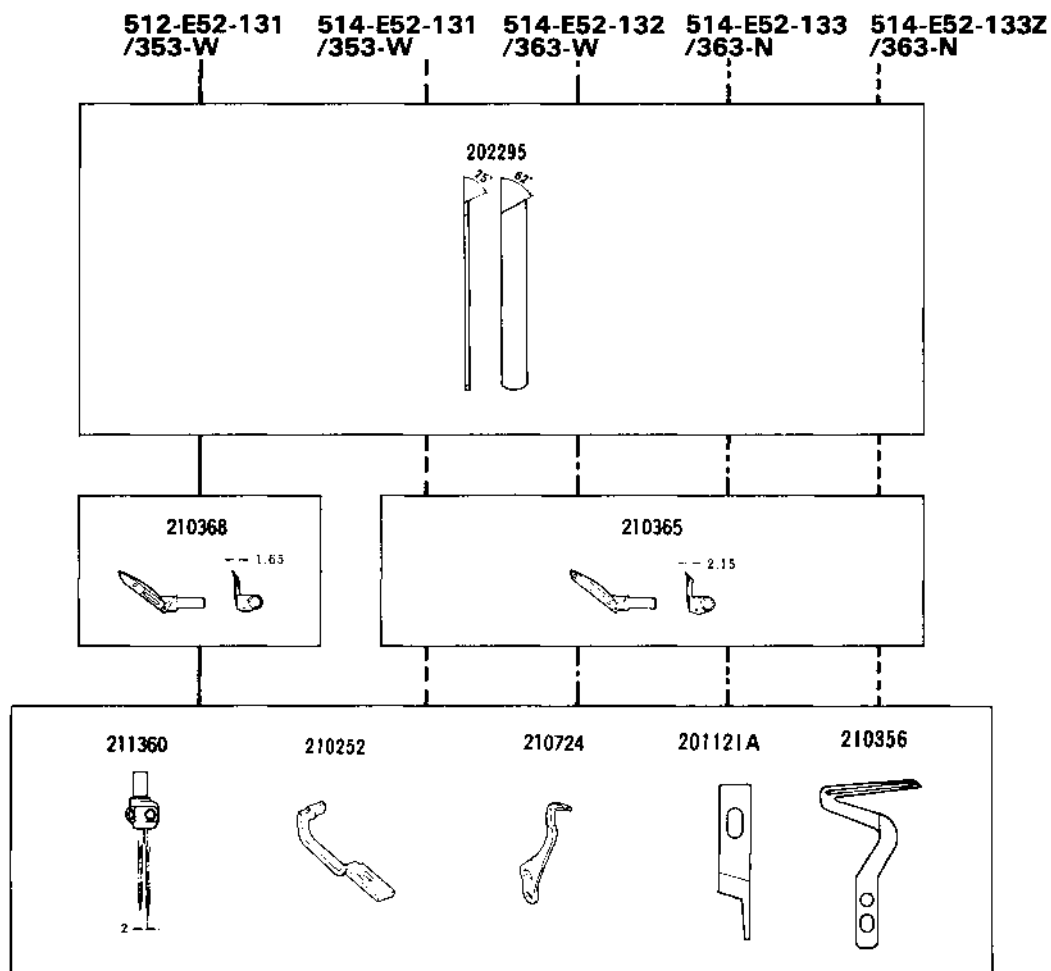


						MEMO	
504-E52-130/253-W	3.6		3-4-5-6	0.7-2	8,000		For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.
504-E52-136/253-W							

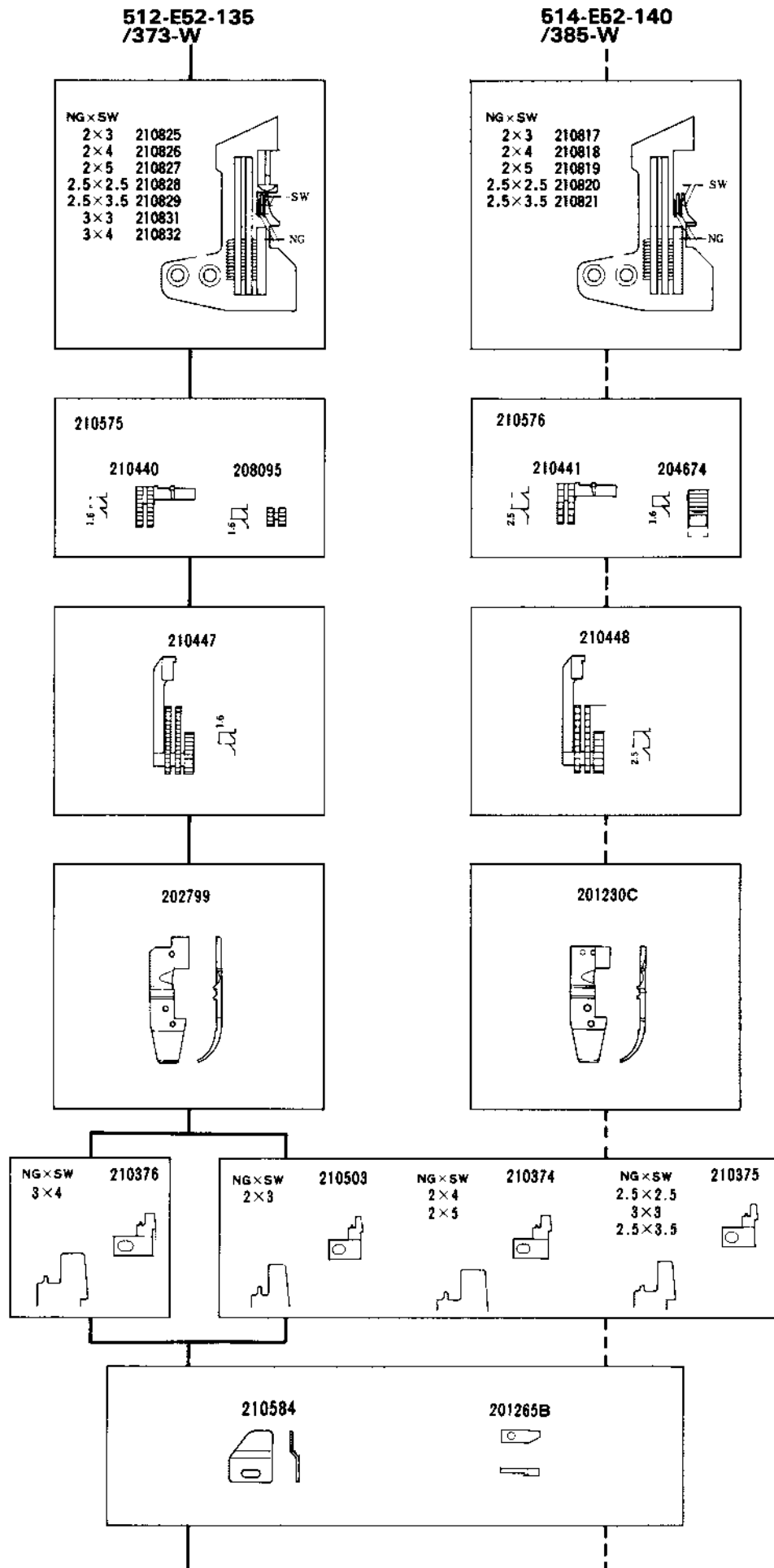
512-E52-131, 514-E52-133
 514-E52-131, 514-E52-133Z
 514-E52-132

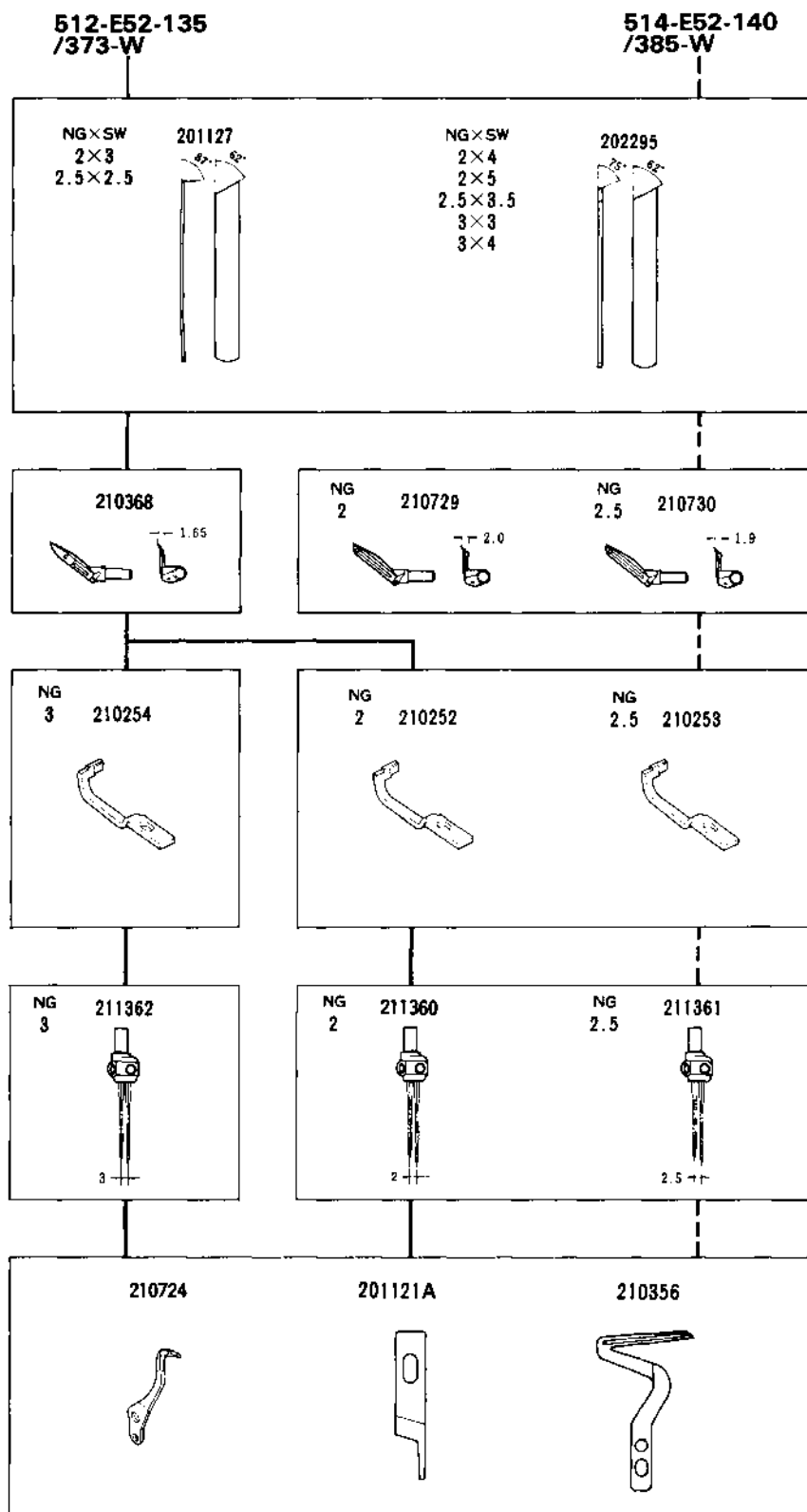
GAUGE PARTS
 CONSTRUCTION CHART



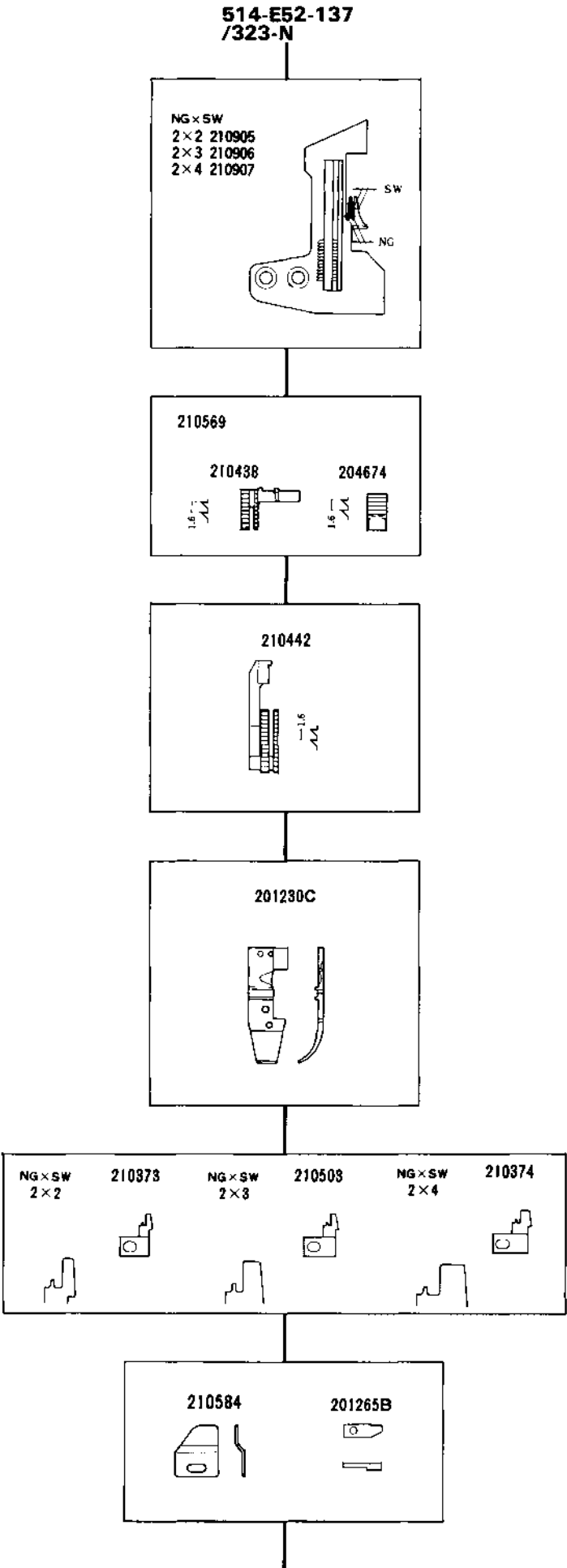


						MEMO			
512-E52-131/353-W	3.6	2	2・3・4・5	0.7~2	7,500		Closing and attaching sleeves and side closing on dress shirts blouses etc.		
514-E52-131/353-W									
514-E52-132/363-W	2.5			1~3		Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials.			
514-E52-133/363-N	3.6			0.7~2					
514-E52-133Z/363-N								Same as E52-133 but the needle DC×1 is used.	

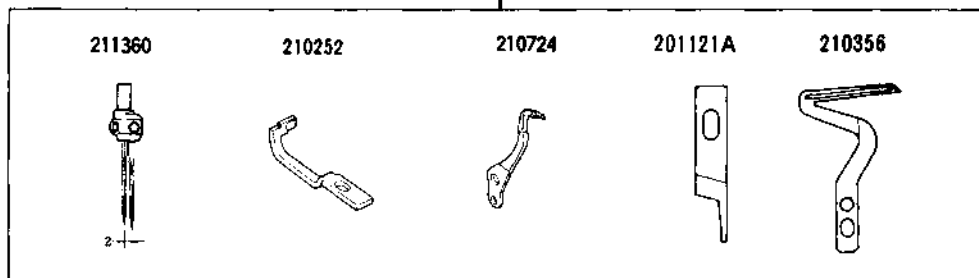
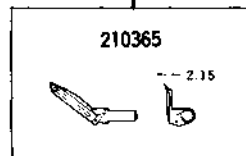
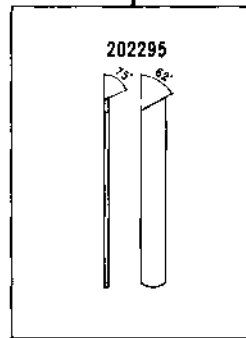




						MEMO	
512-E52-135/373-W	3.6	2	3-4-5	0.7-2	7,500		Closing and attaching sleeves and side closing on dress shirts blouses etc.
		2.5	2.5-3.5				
		3	3-4				
514-E52-140/385-W	2.5	2	3-4-5	1-3	7,000		Specially designed for seaming bulky knit materials such as sweaters, cardigans etc.
		2.5	2.5-3.5				



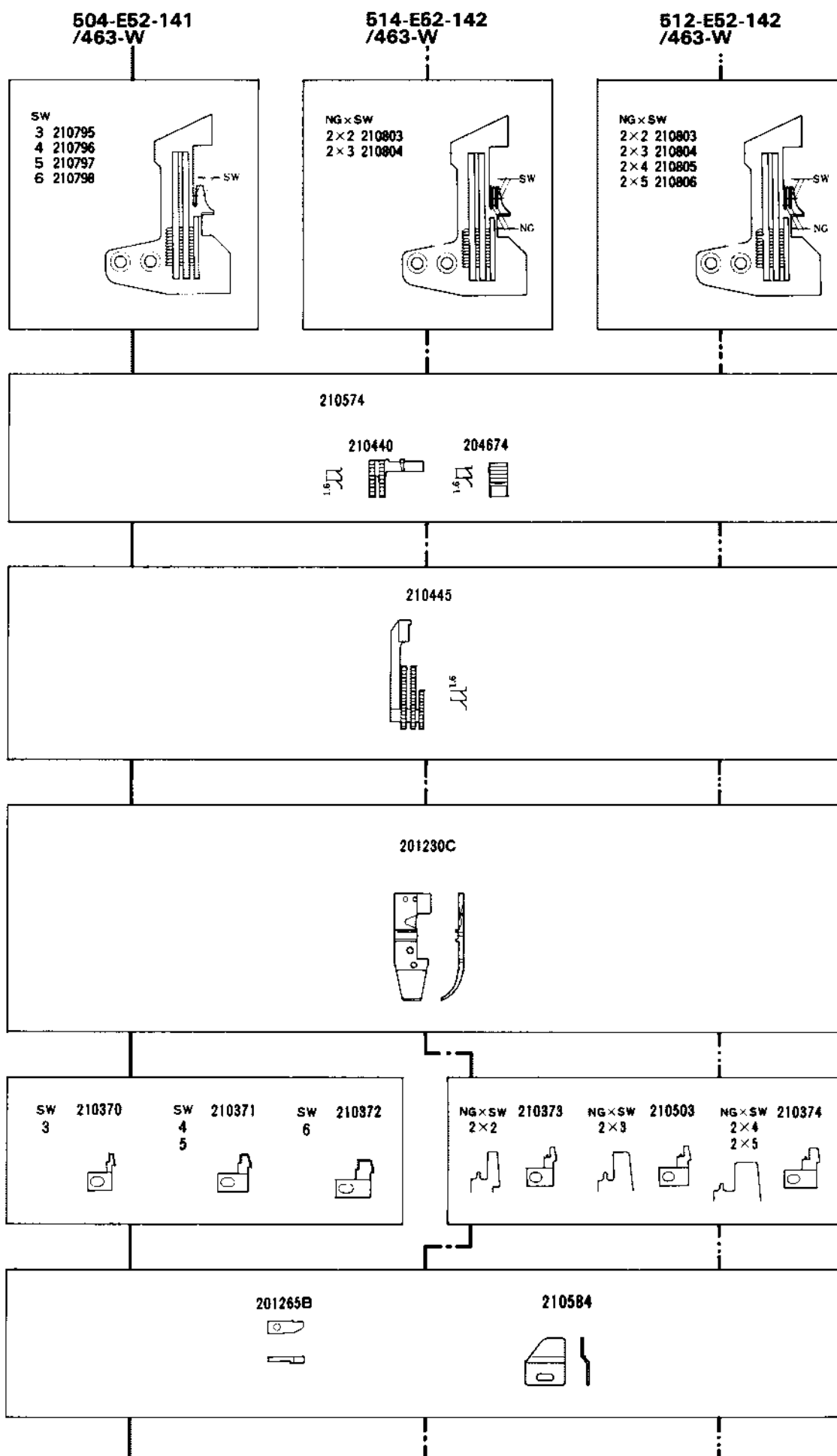
514-E52-137
/323-N

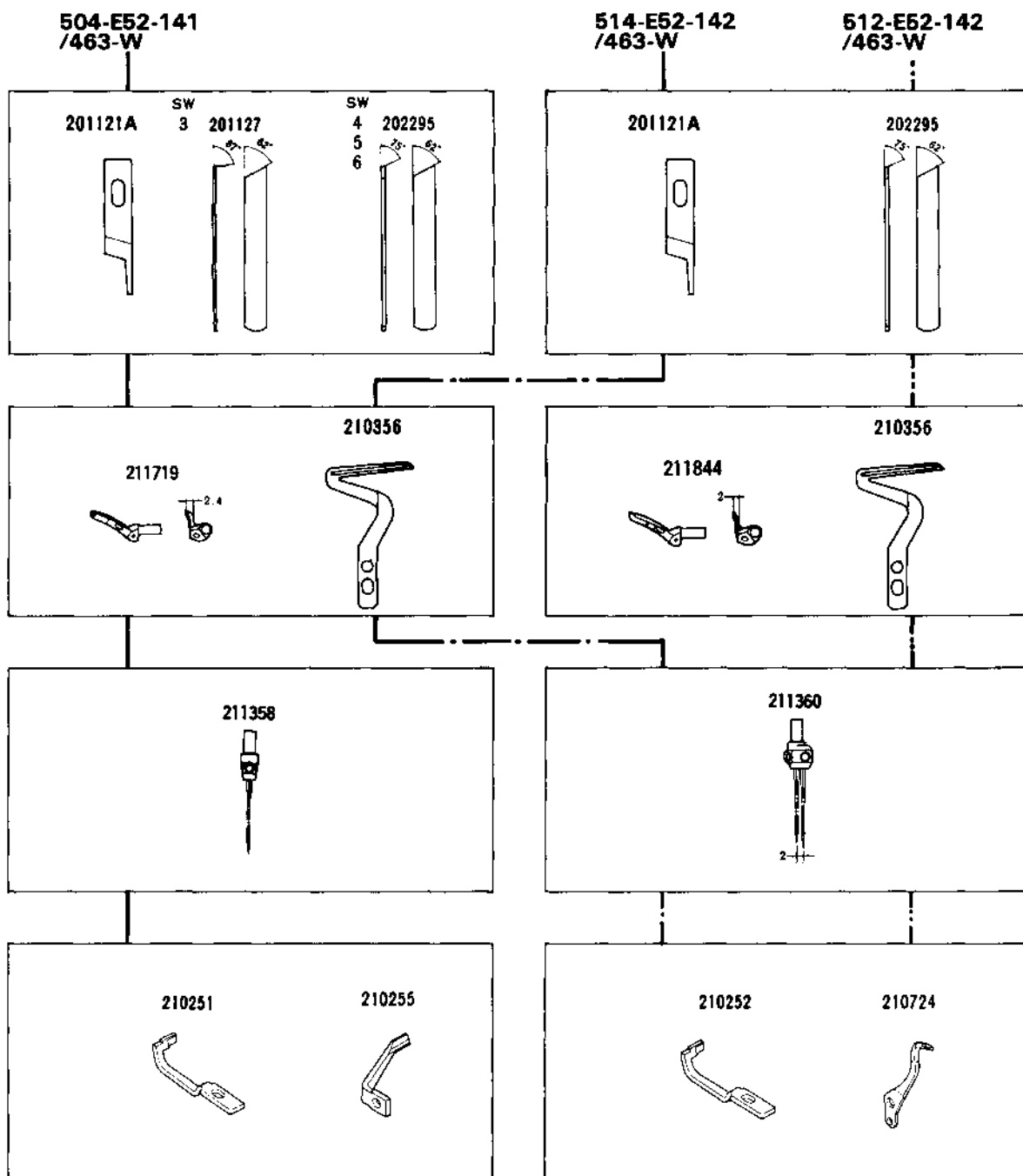


						MEMO	
514-E52-137/323-N	3.6	2	3-4	0.7~2	7,500		Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials

504-E52-141, 514-E52-142 512-E52-142

GAUGE PARTS CONSTRUCTION CHART

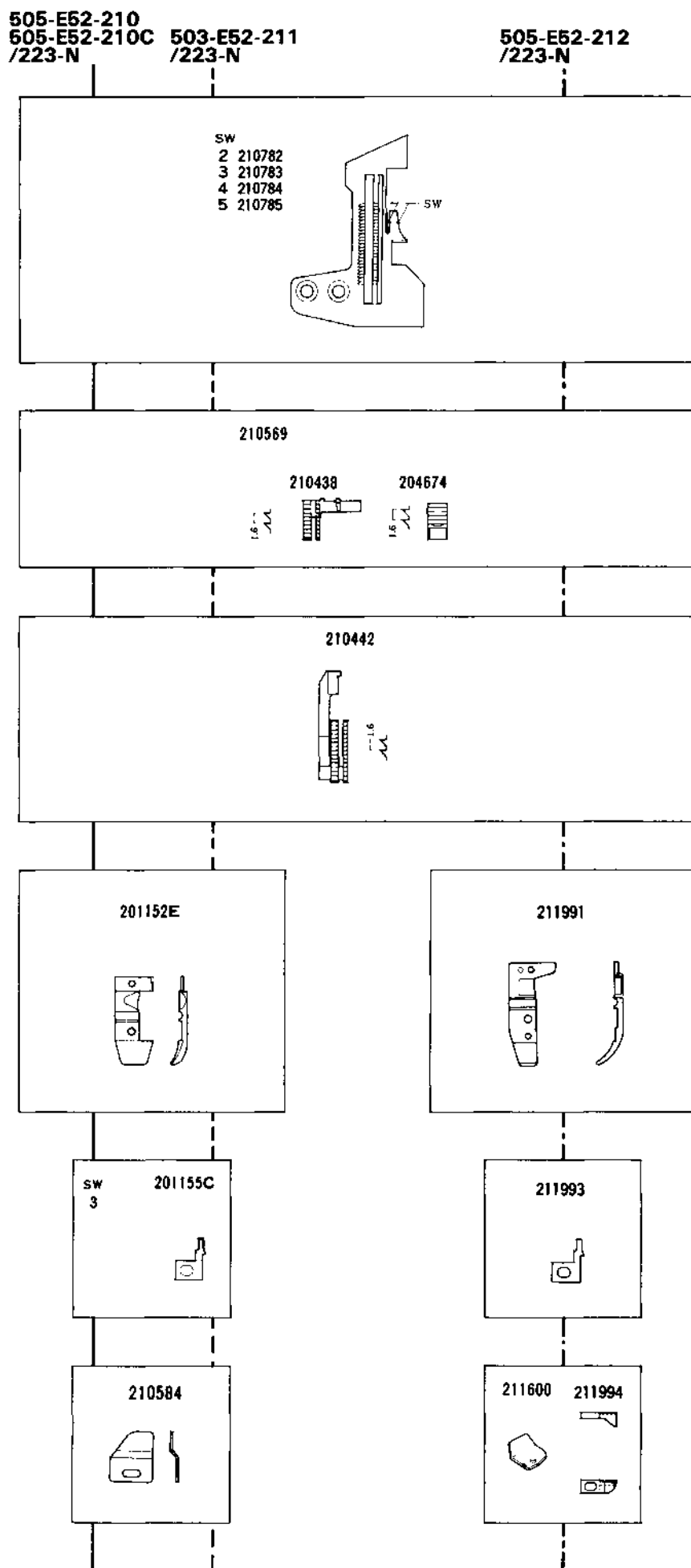


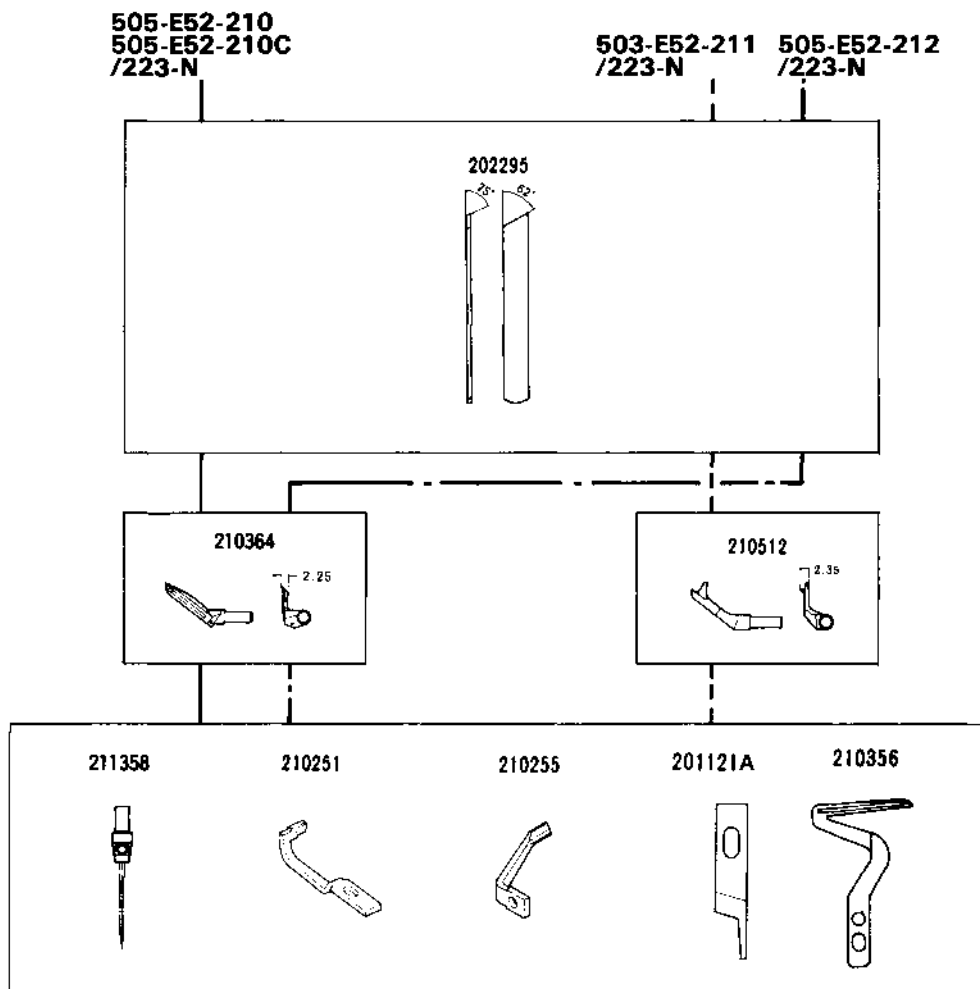


						MEMO	
504-E52-141/463-W	1.8~3.2	1	3·4·5·6	0.7~2	5,500		Seaming. Heavy fabrics. 1-needle. Used with the belt feeding device (BF-100, BF-200). ● Effective to prevent ply shift.
512-E52-142/463-W	1.8~3.2	2	2·3·4·5	0.7~2	5,500		Seaming. Heavy fabrics. Mock-safety. Used with the belt feeding device (BF-100, BF-200). ● Effective to prevent ply shift.
514-E52-142/463-W	1.8~3.2	2	2·3·4·5	0.7~2	5,500		Seaming. Heavy fabrics. 2-needle. Used with the belt feeding device (BF-100, BF-200). ● Effective to prevent ply shift.

505-E52-210, 503-E52-211
505-E52-210C, 505-E52-212

GAUGE PARTS
CONSTRUCTION CHART

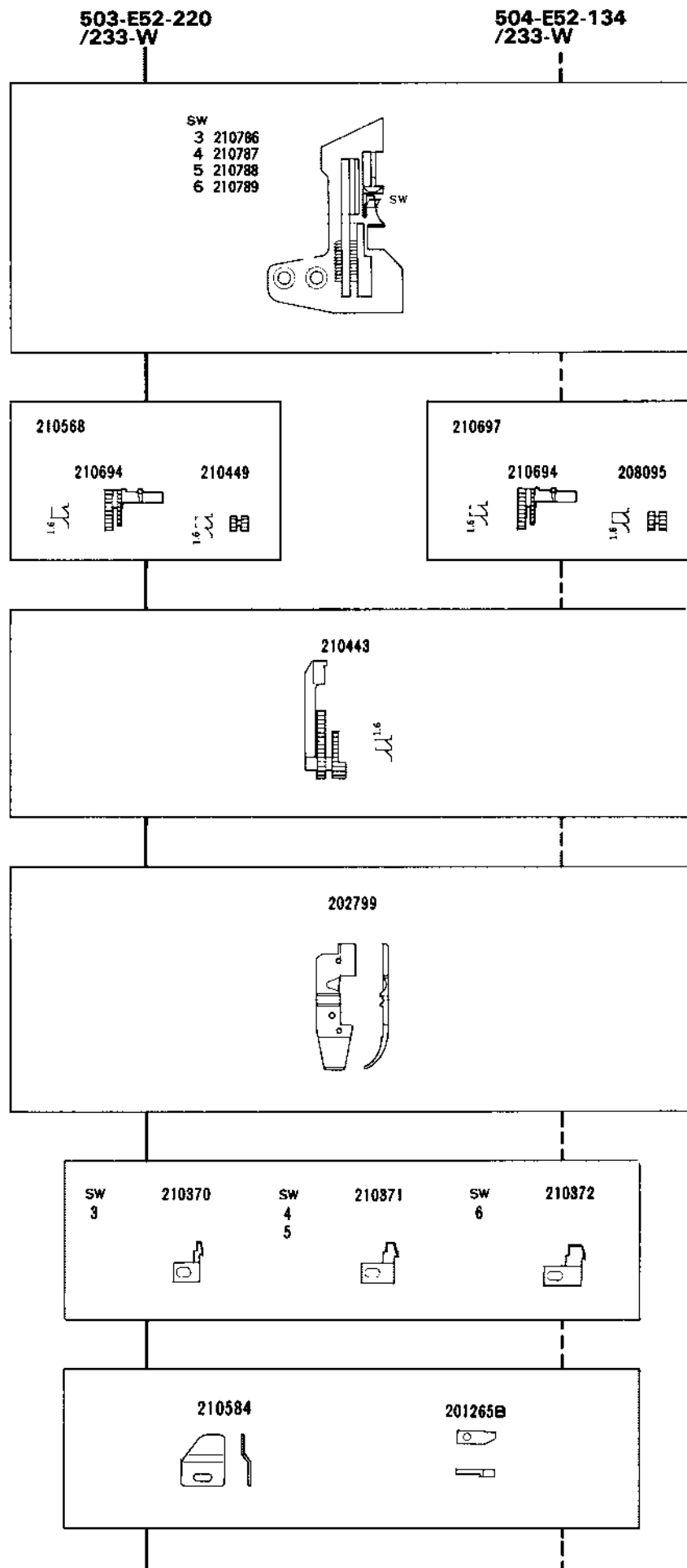


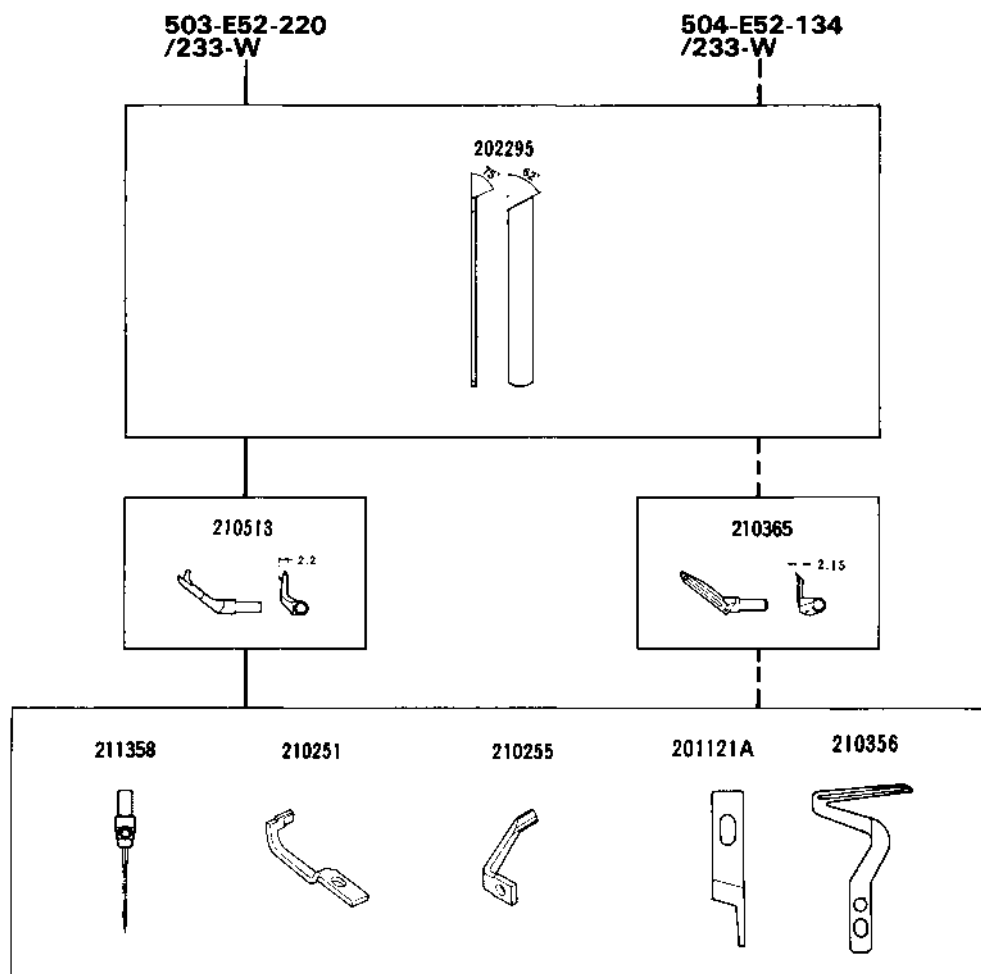


						MEMO		
505-E52-210/223-N	3.6			0.7~2	8,000		Three thread blindstitch hemming on U-necked undershirts, athletic shirts, men's and women's briefs etc.	
505-E52-210C/223-N	2.5			1~3			Blindstitch hemming/seaming on stretchy knits. The diff. feed ratio is 1:3.	
503-E52-211/223-N	3.6			2~3~4~5		0.7~2		Two thread blindstitch hemming on U-necked undershirts, athletic shirts, mens and womens briefs etc.
505-E52-212/223-N								Three thread blindstitch hemming on light to medium weight materials such as U-neck undershirts, athletic shirts, briefs etc.

503-E52-220
504-E52-134

GAUGE PARTS
CONSTRUCTION CHART

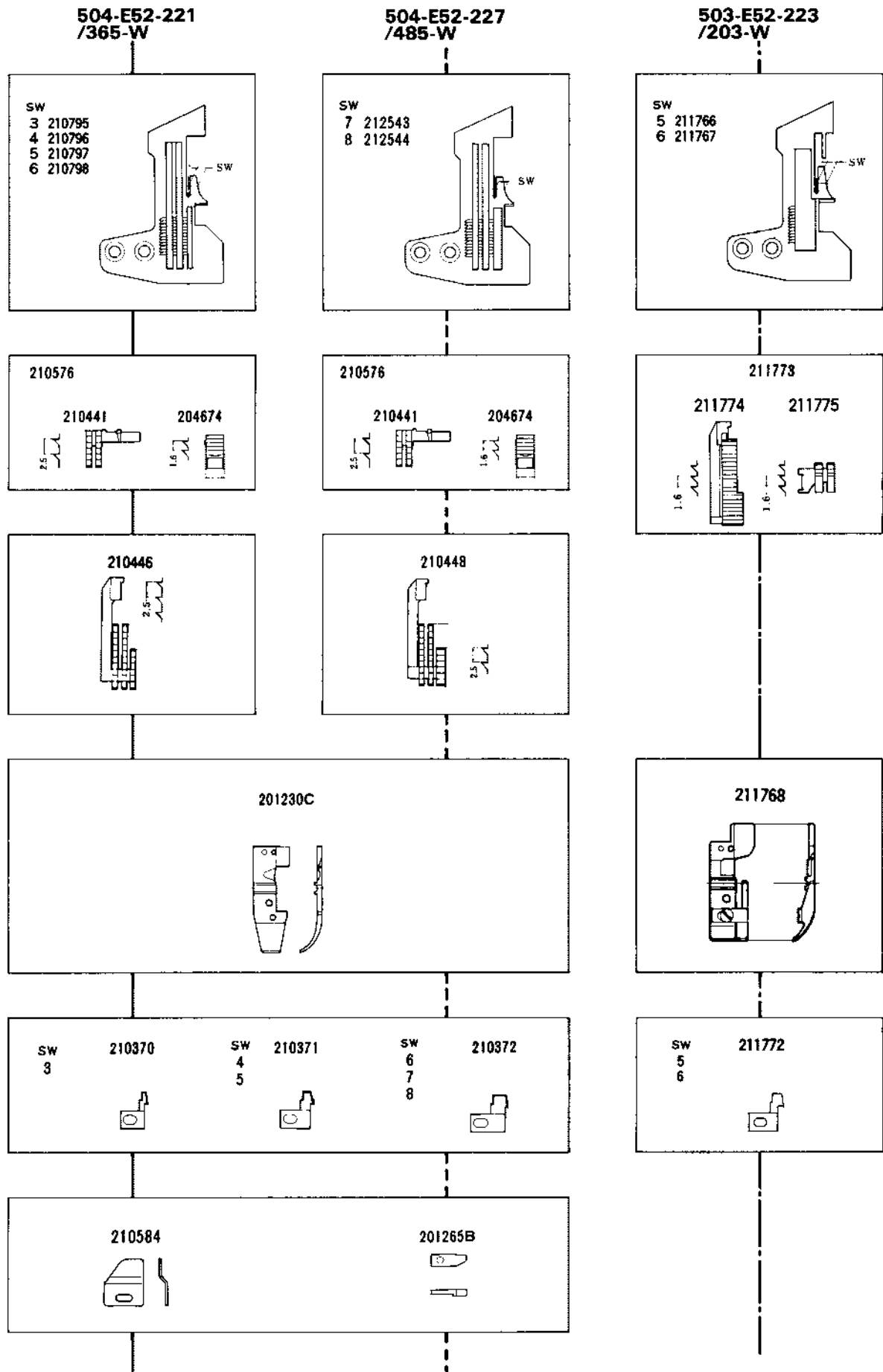


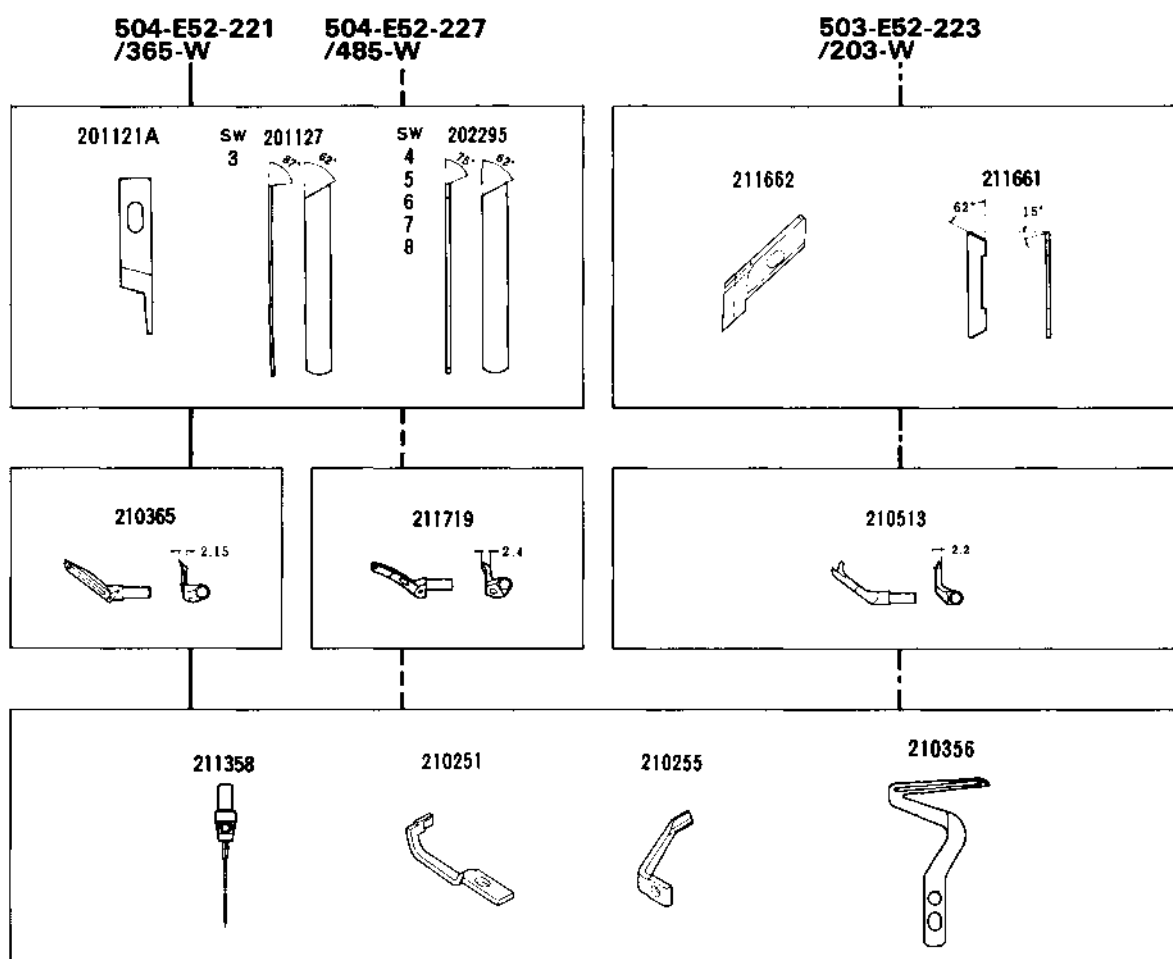


						MEMO	
503-E52-220/233-W	5.0			0.7~1.3	7,500		General serging operations on slacks, jackets, working wear etc.
504-E52-134/233-W	3.6			0.7~2	8,000		For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.

504-E52-221
504-E52-227
503-E52-223

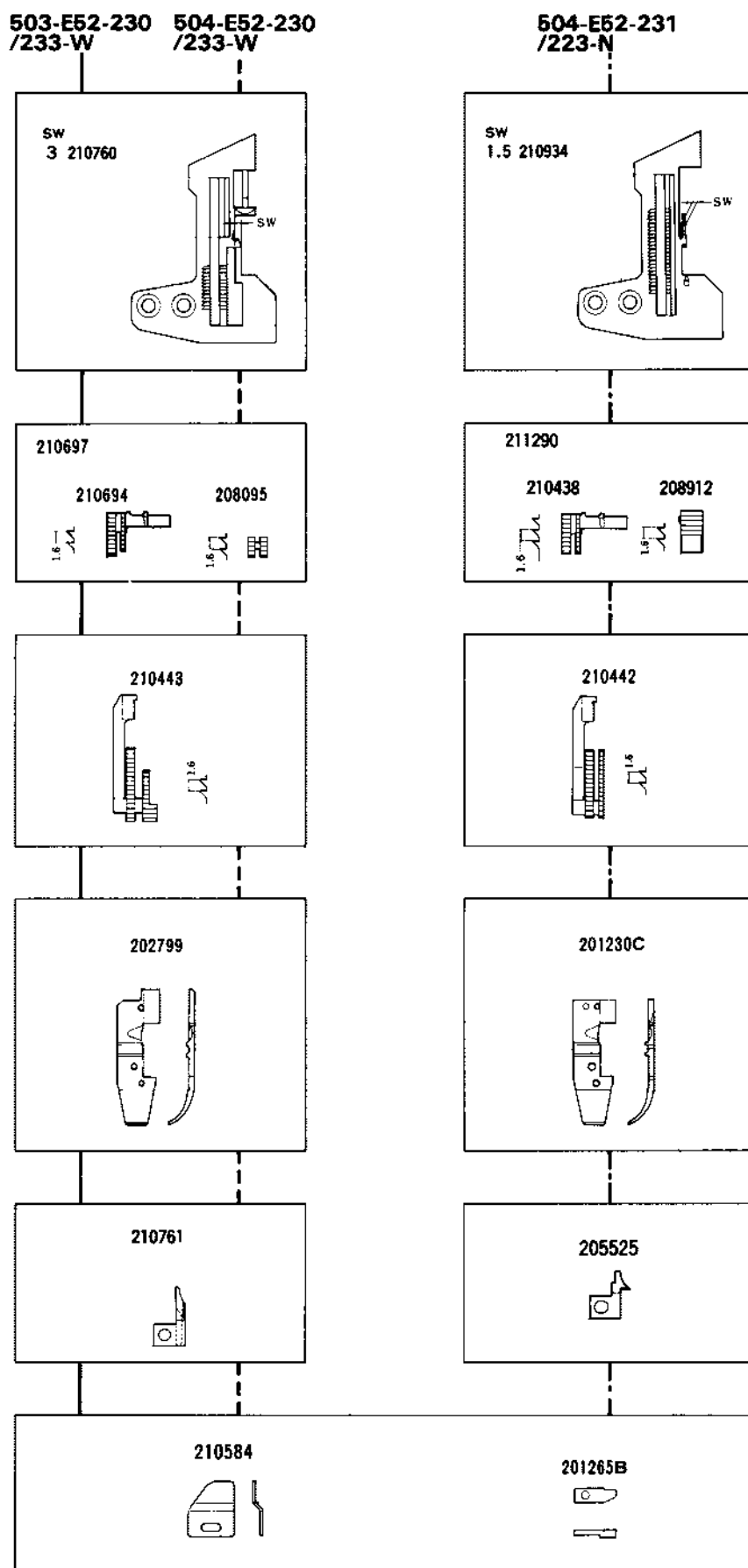
GAUGE PARTS
CONSTRUCTION CHART

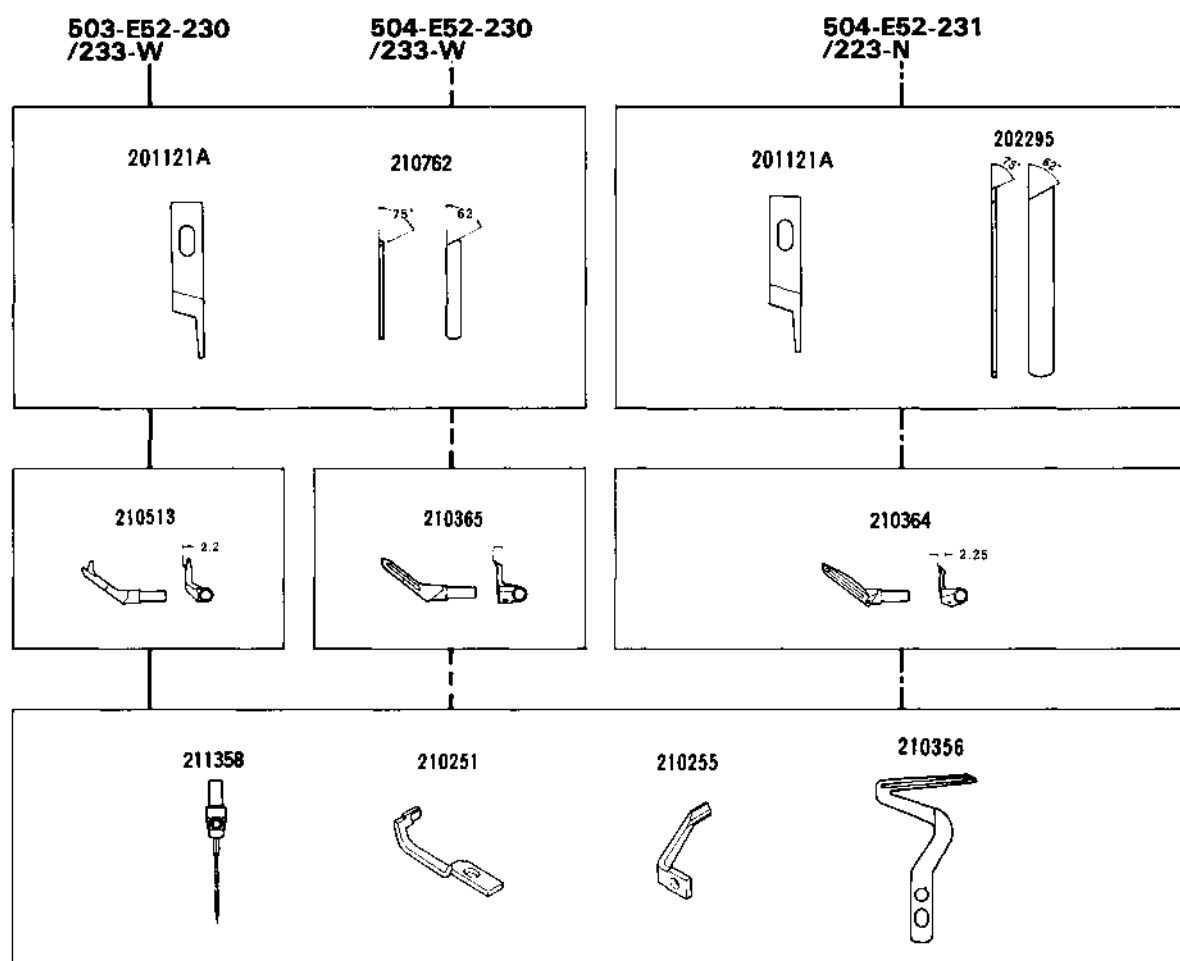




						MEMO	
504-E52-221/365-W	1.8~3.2		3·4·5·6	0.7~2	7,000		Serging. Heavy to extra heavy fabrics. Jeans, etc.
504-E52-227/485-W	1.8~3.6		7·8	0.7~2	6,300		Serging/seaming. Heavy to extra heavy fabrics. Upholsteries, curtains, jeans, etc. Extra wide seam width.
503-E52-223/203-W	5.1~6.4		5·6	—	7,500		Serging. Light to medium fabrics. Slacks, suits, jackets, etc. ● 1-row, plain feeding.

503-E52-230
504-E52-230
504-E52-231





						MEMO	
503-E52-230/233-W	1.8~3.6	3	0.7~2	7,500			Turn-down hemming. Light fabrics. Handkerchiefs, curtains, pillow cases, etc. ● 2-thread.
504-E52-230/233-W	1.8~3.6	3	0.7~2	7,500			Turn-down hemming. Light fabrics. Handkerchiefs, curtains, cuffs of blouses, etc. ● 3-thread.
504-E52-231/223-N	1.0~1.8	1.5	0.7~2	8,000			Turn-down hemming. Light fabrics. Handkerchiefs, curtains, cuffs of blouses, etc. ● 3-thread.

504-E52-130P₁(P₂), 514-E52-131P₁(P₂)
 504-E52-350P₁(P₂), 514-E52-351P₁(P₂)

GAUGE PARTS
 CONSTRUCTION CHART

504-E52-350P₁
 504-E52-350P₂
 /253-W

504-E52-130P₁
 504-E52-130P₂
 /253-W

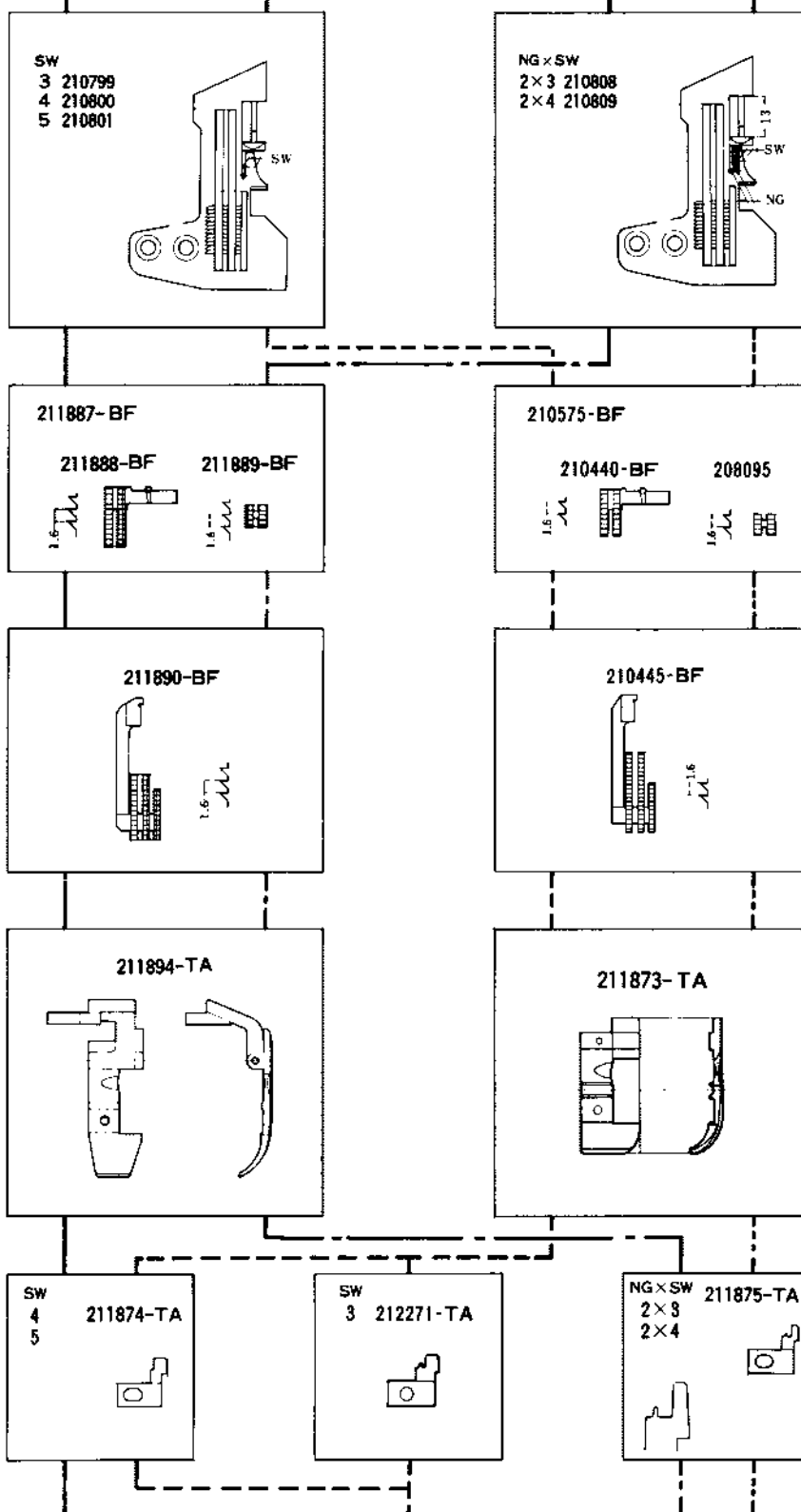
514-E52-351P₁
 514-E52-351P₂
 /353-W

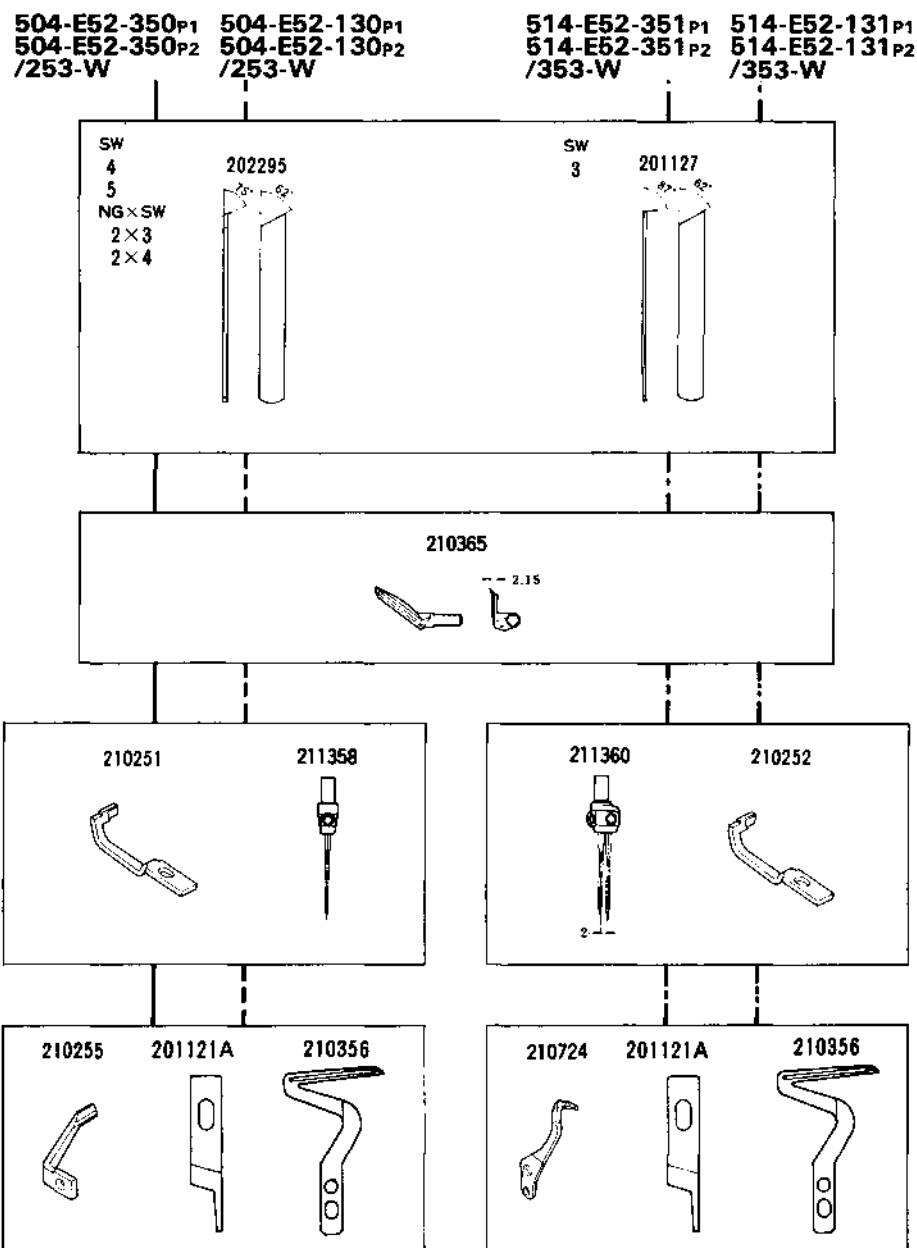
514-E52-131P₁
 514-E52-131P₂
 /353-W

The gauge for -350 is 5.

The gauge for -351 is 2×4.

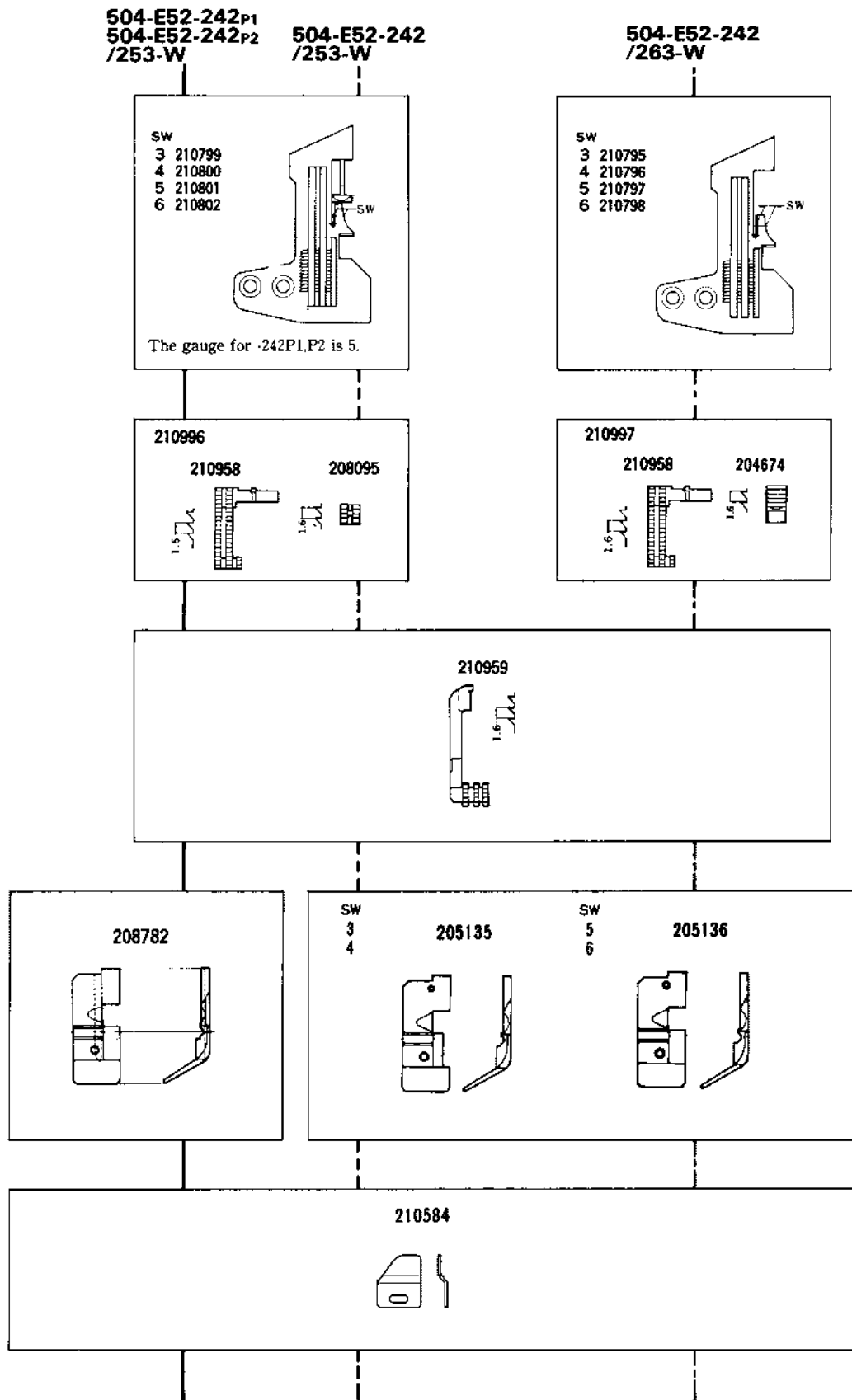
The part numbers of feed dogs of -130P₁(P₂) and -131P₁(P₂) are the numbers without -BF.

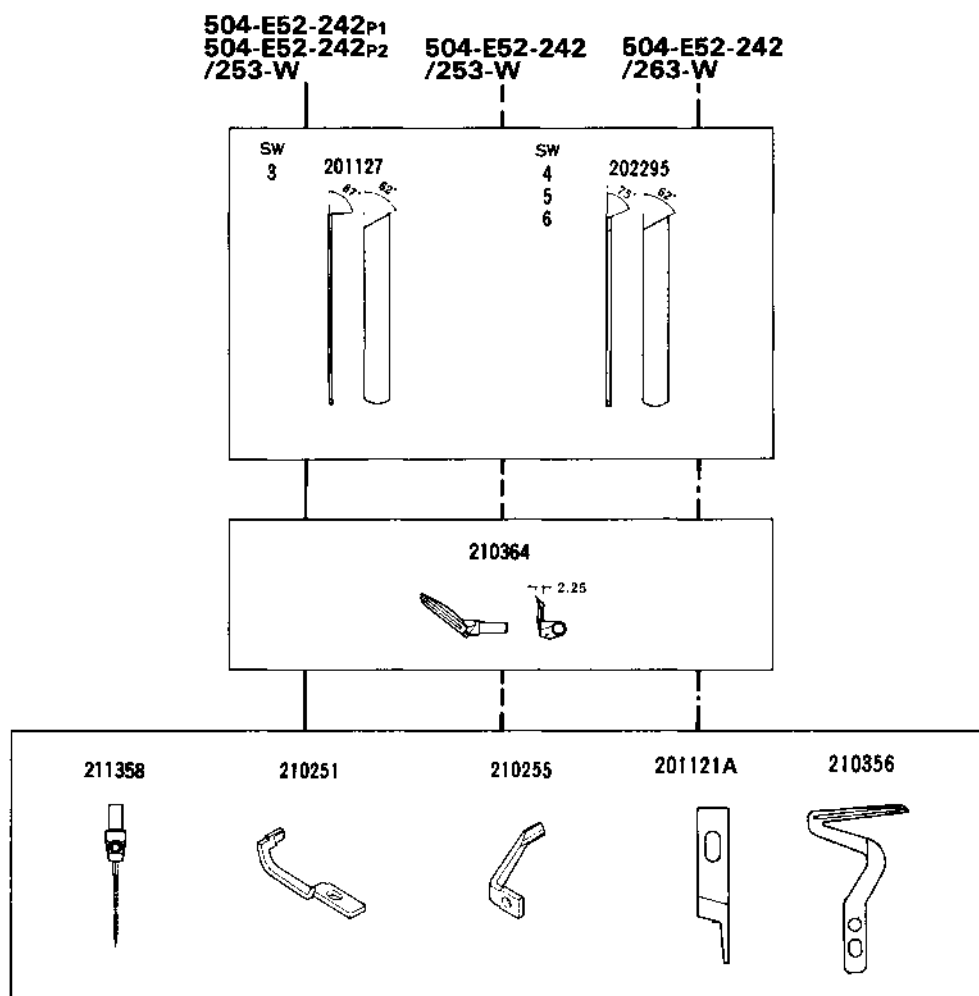




						MEMO	
504-E52-350 _{P1} /253-W	2.5	5	3·4·5	0.7~2	5,000	Piping on light to medium weight fabrics. Since the pivot point of the presser foot is at the back, curved seaming is easy, too. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.	
504-E52-350 _{P2} /253-W						Piping on light to medium weight fabrics such as pajama, training wear, etc. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.	
504-E52-130 _{P1} /253-W	3.2	3·4·5	0.7~2	5,000		Piping on light to medium weight fabrics such as pajama, training wear, etc. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.	
504-E52-130 _{P2} /253-W						Piping on light to medium weight fabrics such as pajama, training wear, etc. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.	
514-E52-351 _{P1} /353-W	2.5	2	4	0.7~2	5,000	Piping on light to medium weight fabrics. Since the pivot point of the presser foot is at the back, curved seaming is easy, too. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.	
514-E52-351 _{P2} /353-W						Piping on light to medium weight fabrics such as pajama, training wear, etc. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.	
514-E52-131 _{P1} /353-W	3.2	2	3·4	0.7~2	5,000	Piping on light to medium weight fabrics such as pajama, training wear, etc. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.	
514-E52-131 _{P2} /353-W						Piping on light to medium weight fabrics such as pajama, training wear, etc. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.	

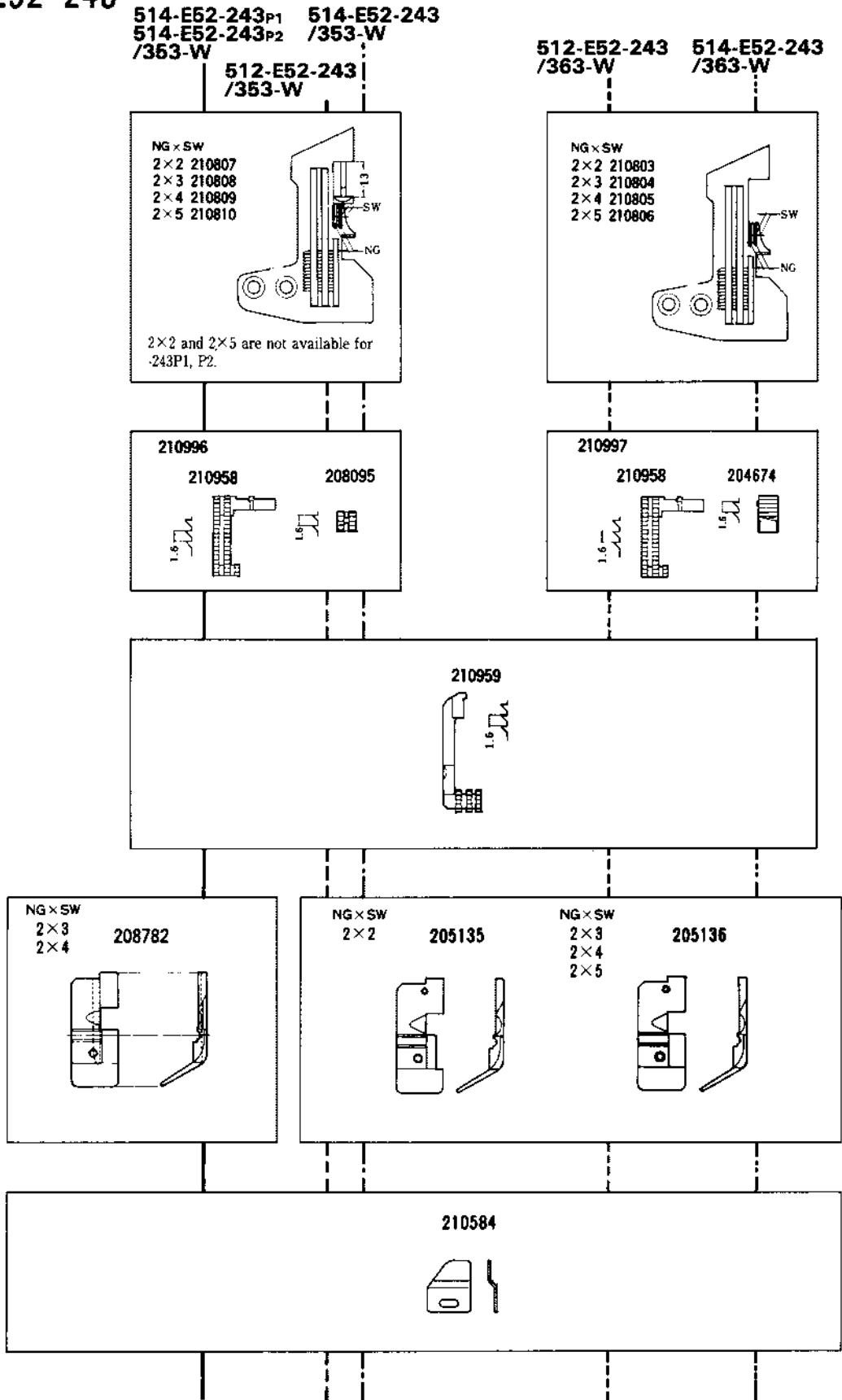
504-E52-242
504-E52-242P1(P2)

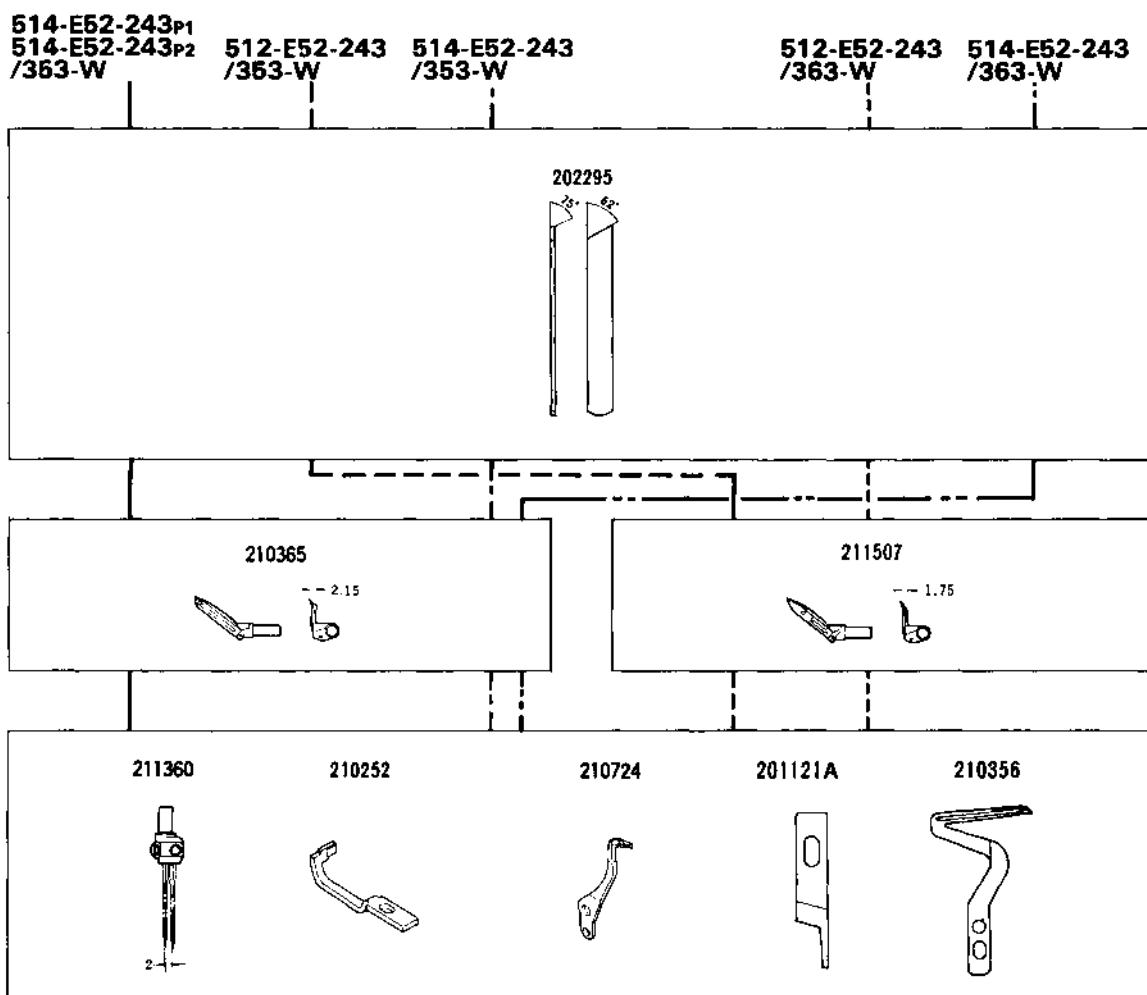




						ME MO	
504-E52-242 _{P1} /253-W	3.2		3·4·5·6	0.8~3	5,000		Shirring/piping on light to medium weight fabrics such as pajamas, training wear. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.
504-E52-242 _{P2} /253-W							
504-E52-242/253-W					7,000		Single needle overedgers for intermittent shirring on light to medium weight materials such as negligee, curtains etc.
504-E52-242/263-W							

512-E52-243, 514-E52-243P1(P2)
514-E52-243

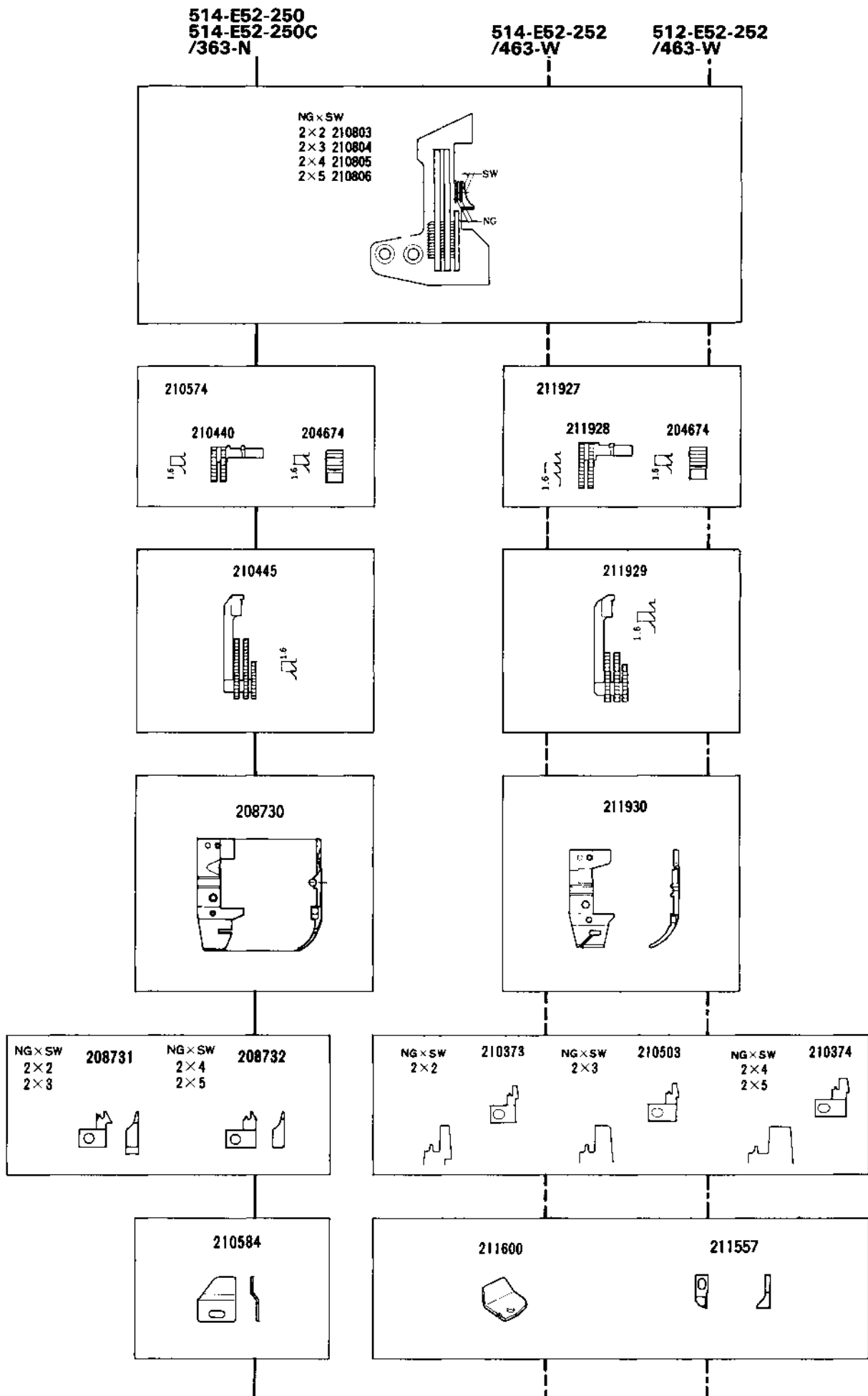


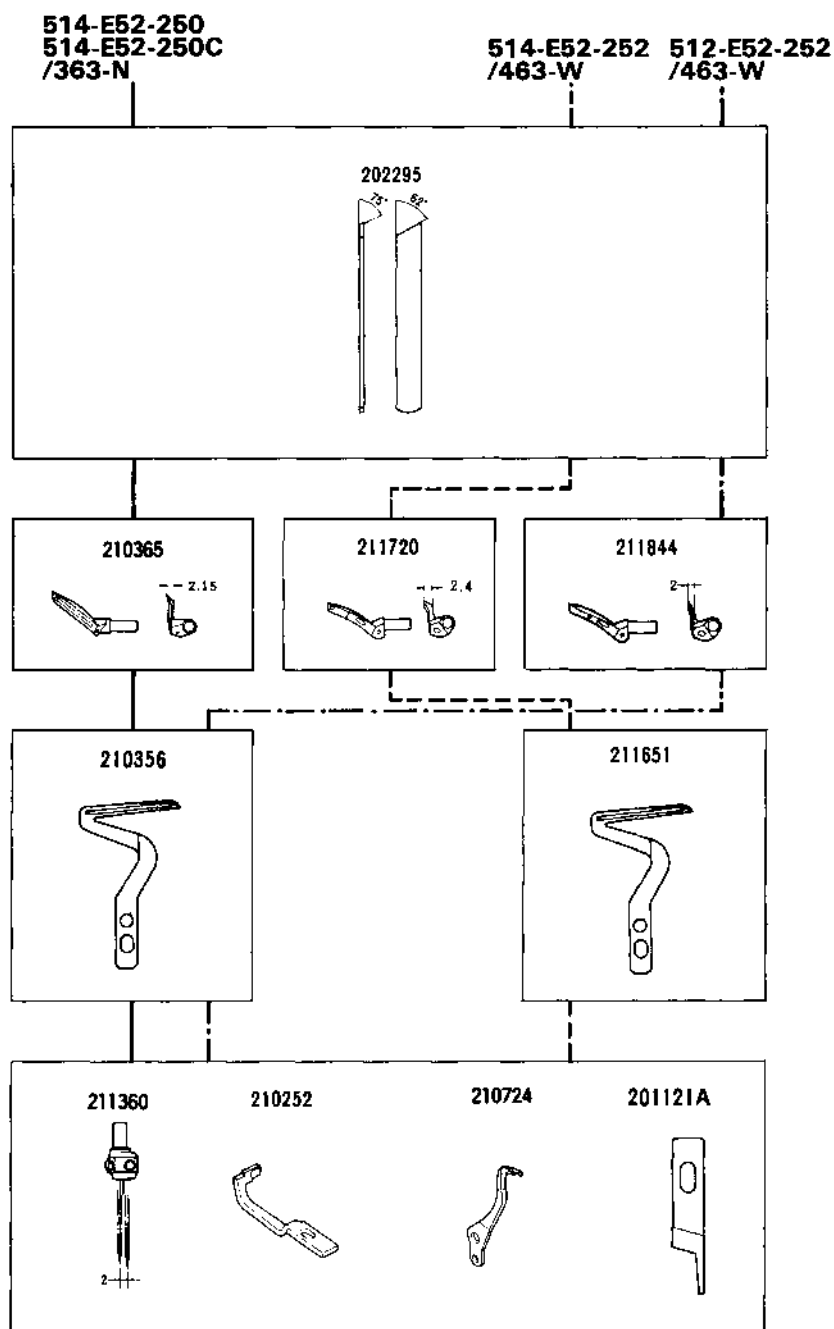


						MEMO	
514-E52-243P1/353-W	3.2	2	2·3·4·5	0.8—3	5,000		Shirring/piping on light to medium weight fabrics such as pajamas, training wear. P1: The tape binder is an option. P2: The tape binder for a tape of 20mm wide is equipped with the machine.
514-E52-243P2/353-W							
512-E52-243/353-W					7,000		Mock safety stitch overedgers for intermittent shirring on light to medium weight materials such as negligee, curtains etc.
512-E52-243/363-W							
514-E52-243/353-W							Two needle overedgers for intermittent shirring on light to medium weight materials such as negligee, curtains etc.
514-E52-243/363-W							

514-E52-250, 512-E52-252
514-E52-250C, 514-E52-252

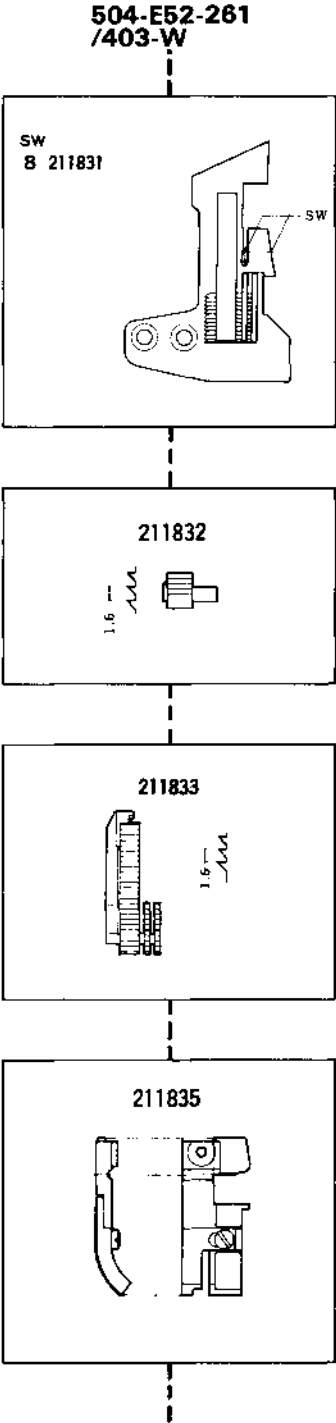
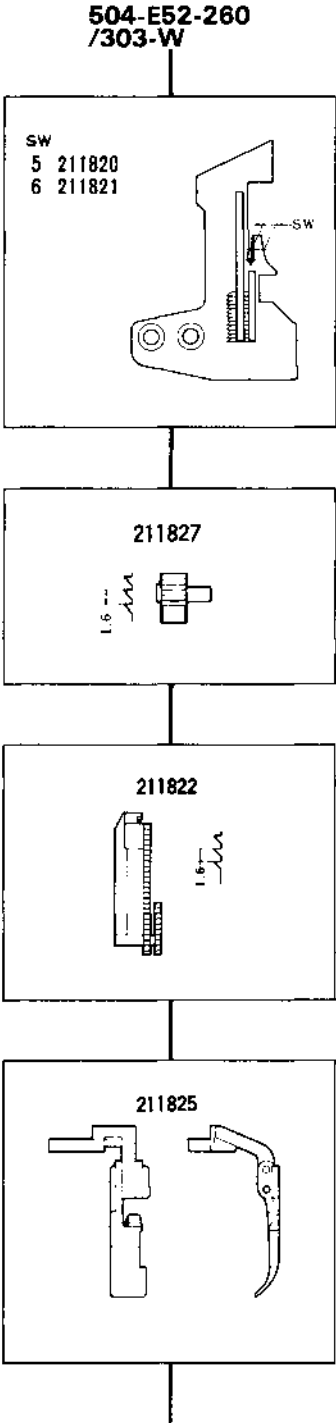
GAUGE PARTS
CONSTRUCTION CHART

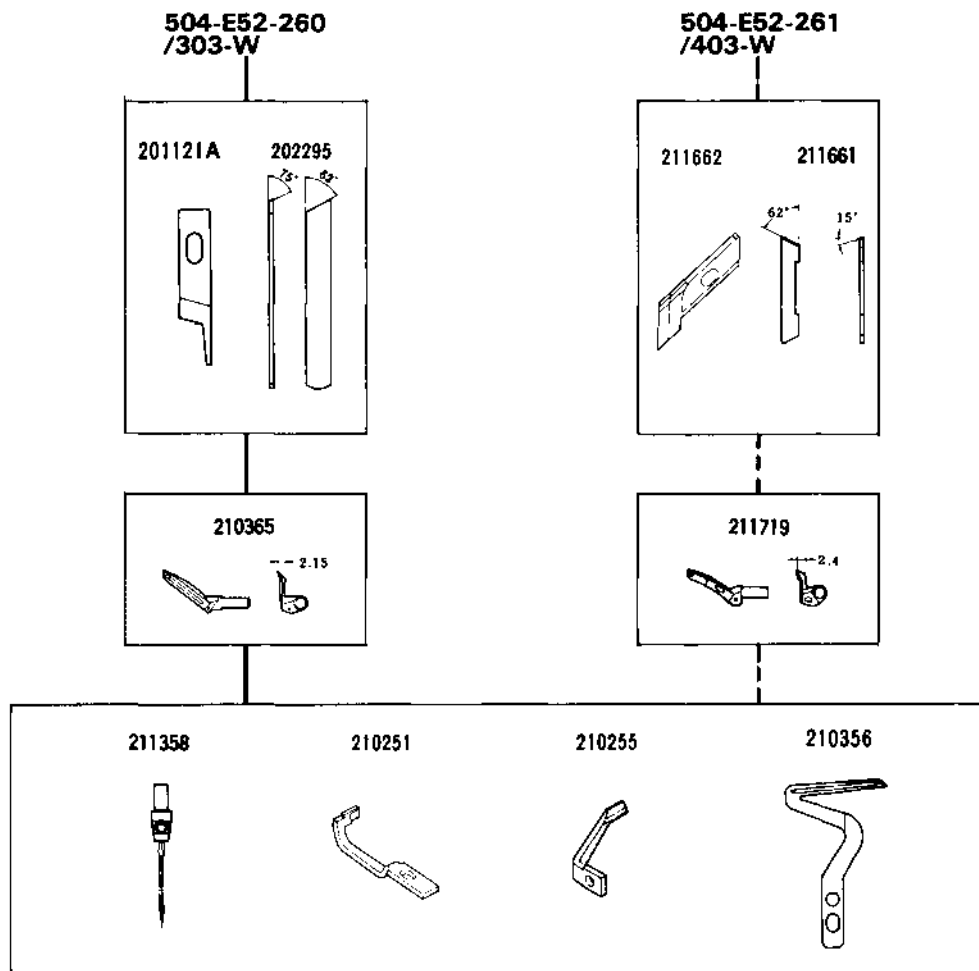




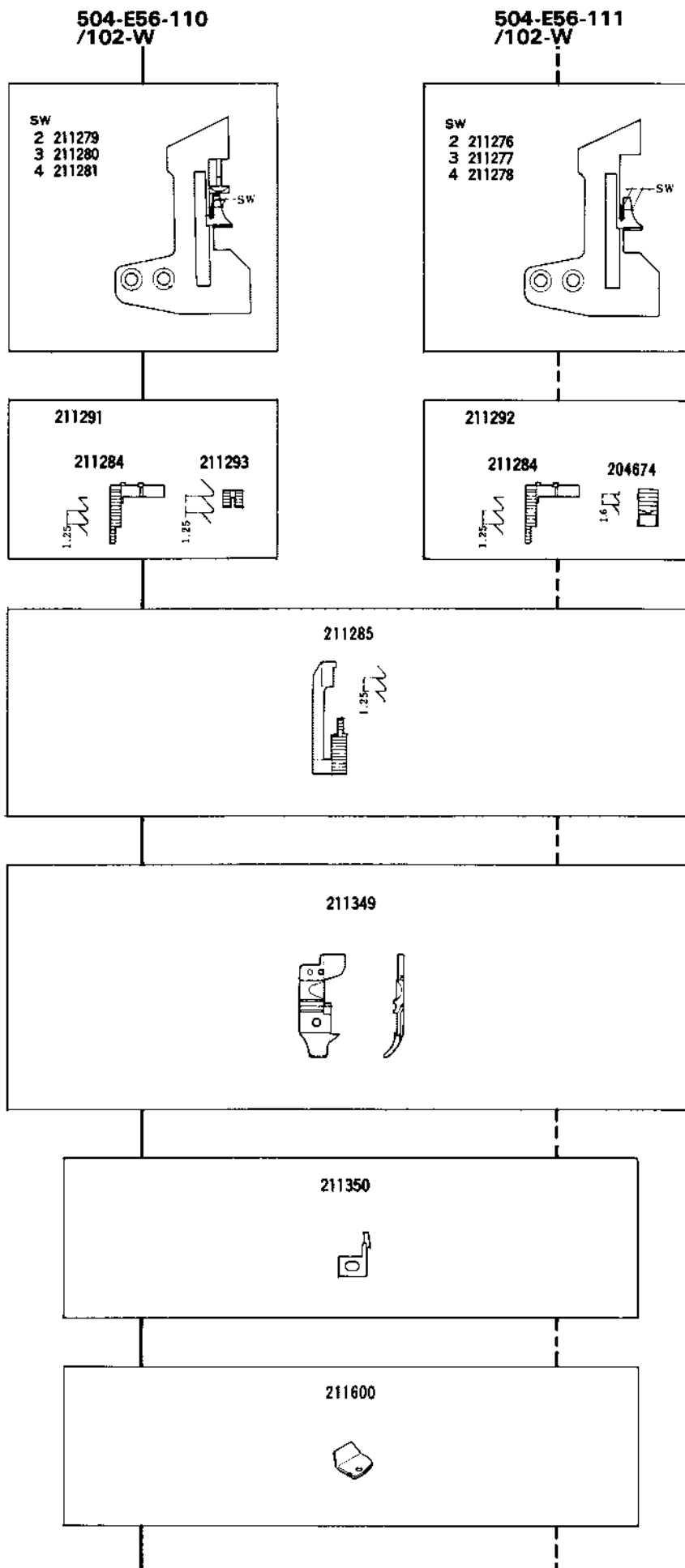
						MEMO	
514-E52-250/363-N	3.6	2	2·3·4·5	0.7~2	7,500		Specially designed presser foot for shoulder taping operations on light to medium weight materials such as sweatshirts, T-shirts etc.
514-E52-250C/363-N	3.2			1~3			Same as E52-250 but for more stretchy fabrics.
514-E52-252/463-W				6,000		Since the locus of the upper looper is high (extra-high lift) and the presser foot lift is big (7mm), it is ideal for taping/seaming on extra-heavy fabrics such as sweaters, etc.	

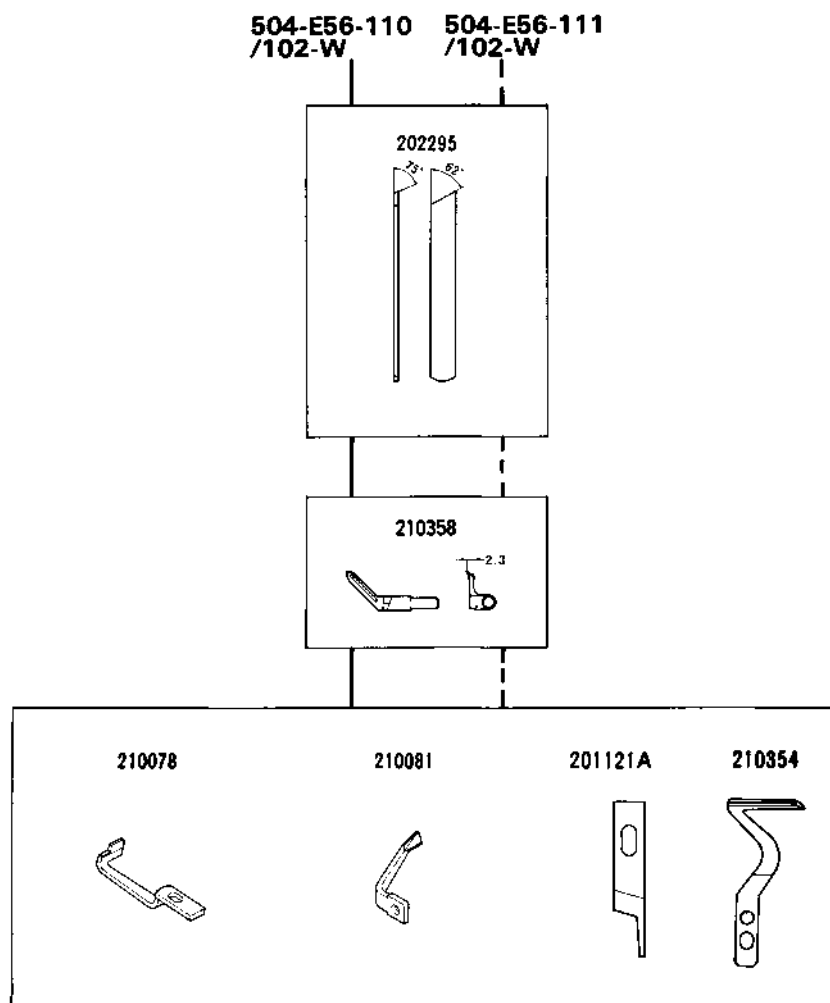
504-E52-260
504-E52-261





						MEMO	
504-E52-260/303-W	4.2		5-6		7,500		Attaching zipper which has a slider.
504-E52-261/403-W			8		6,500		Attaching zipper which does not have a slider.

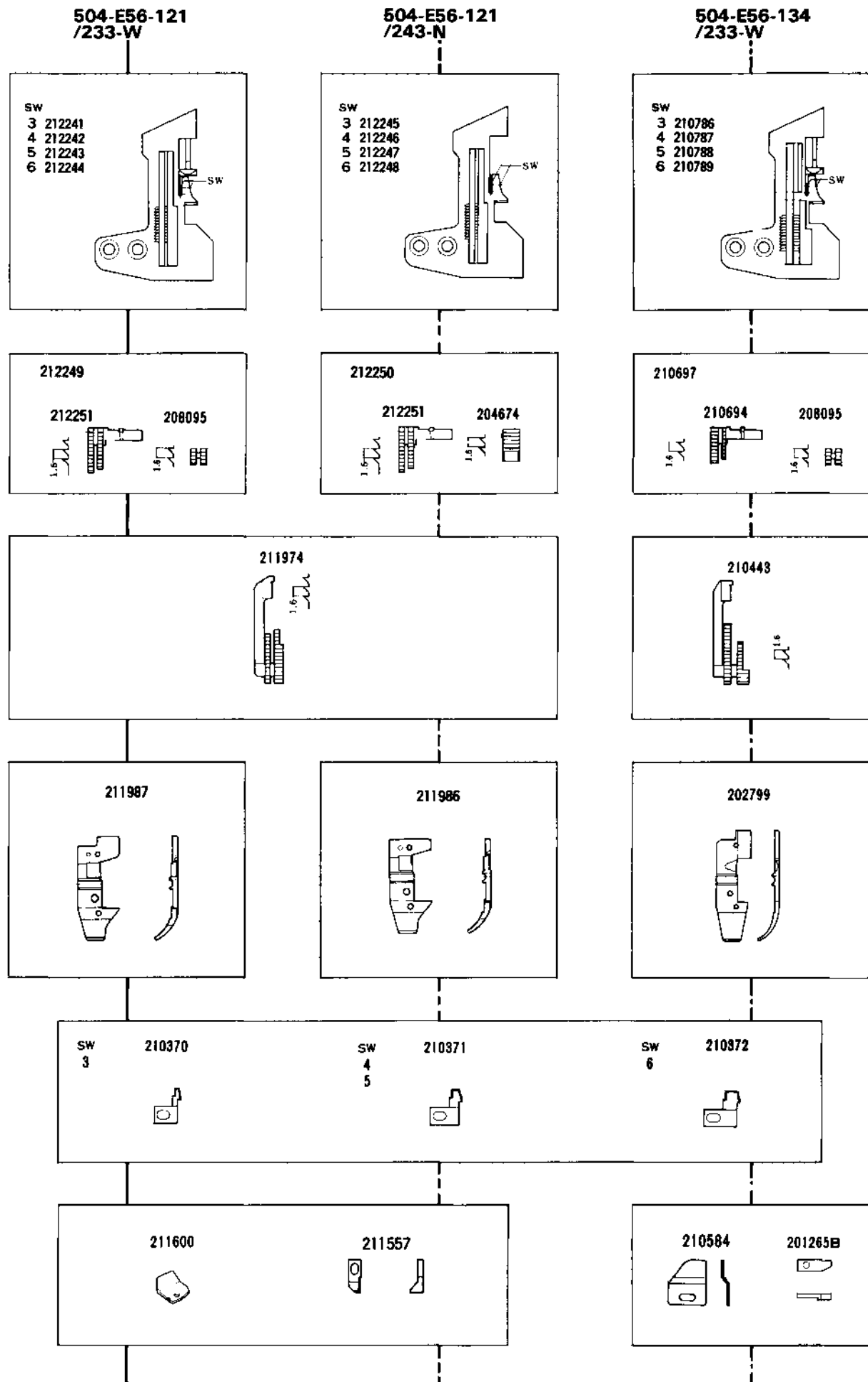


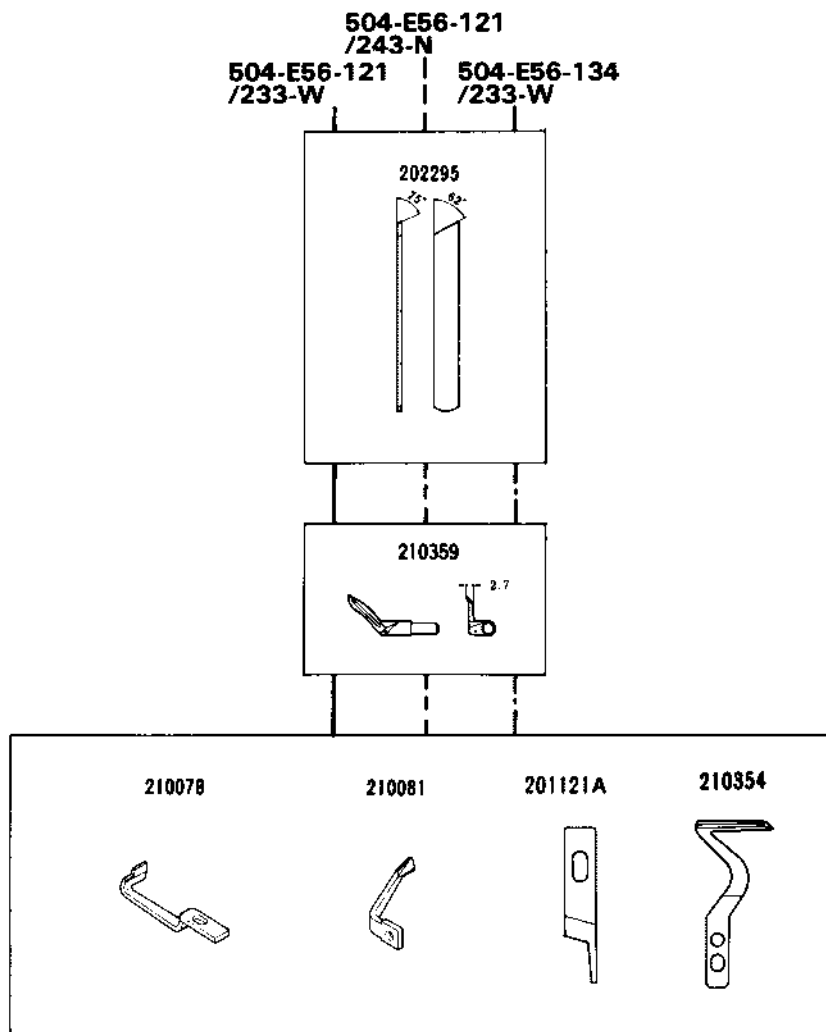


						MEMO	
504-E56-110/102-W	3.2	/	2·3·4	0.8~2	8,500		Specially designed for seaming on lingerie.
504-E56-111/102-W							

504-E56-121 504-E56-134

GAUGE PARTS CONSTRUCTION CHART

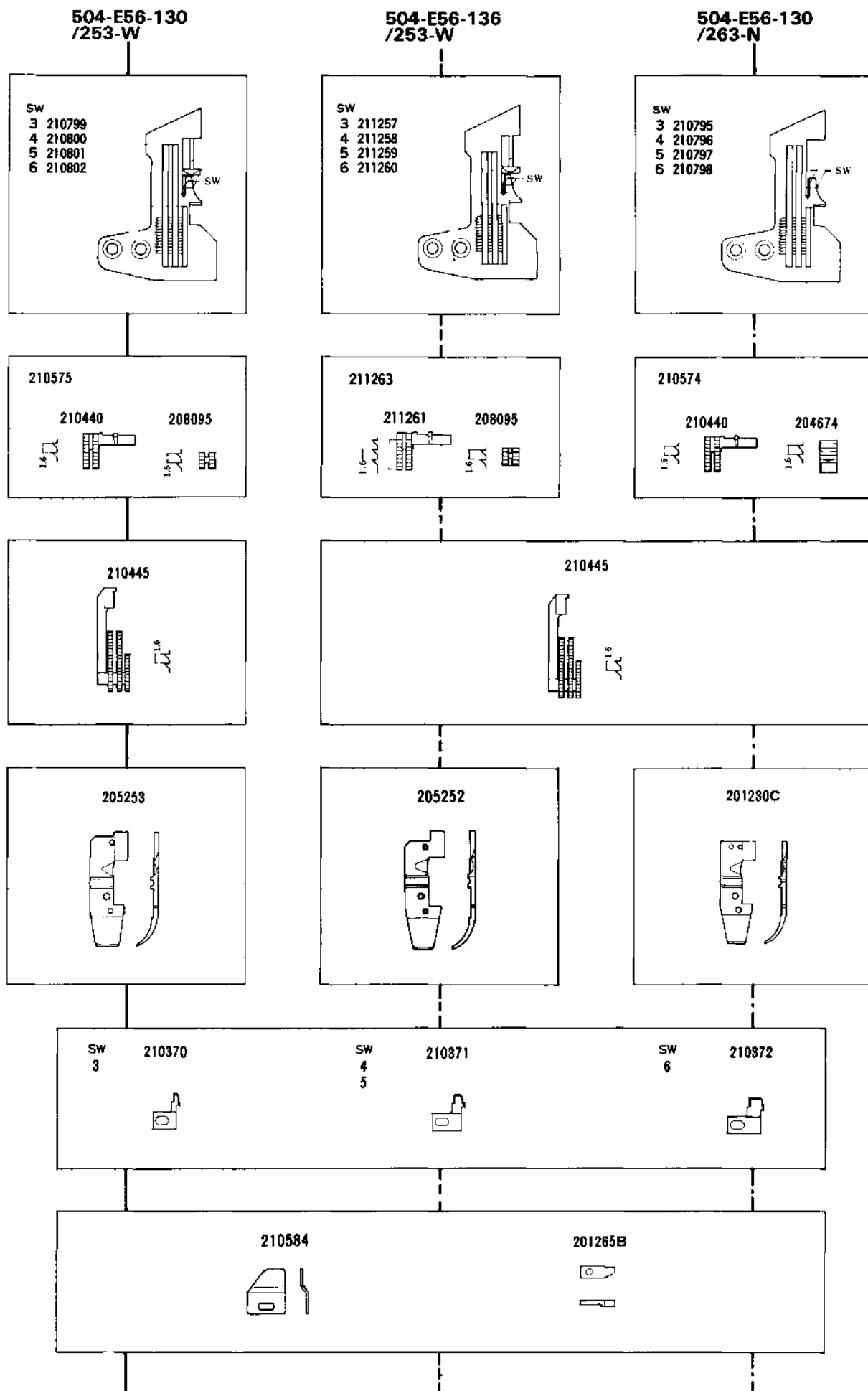


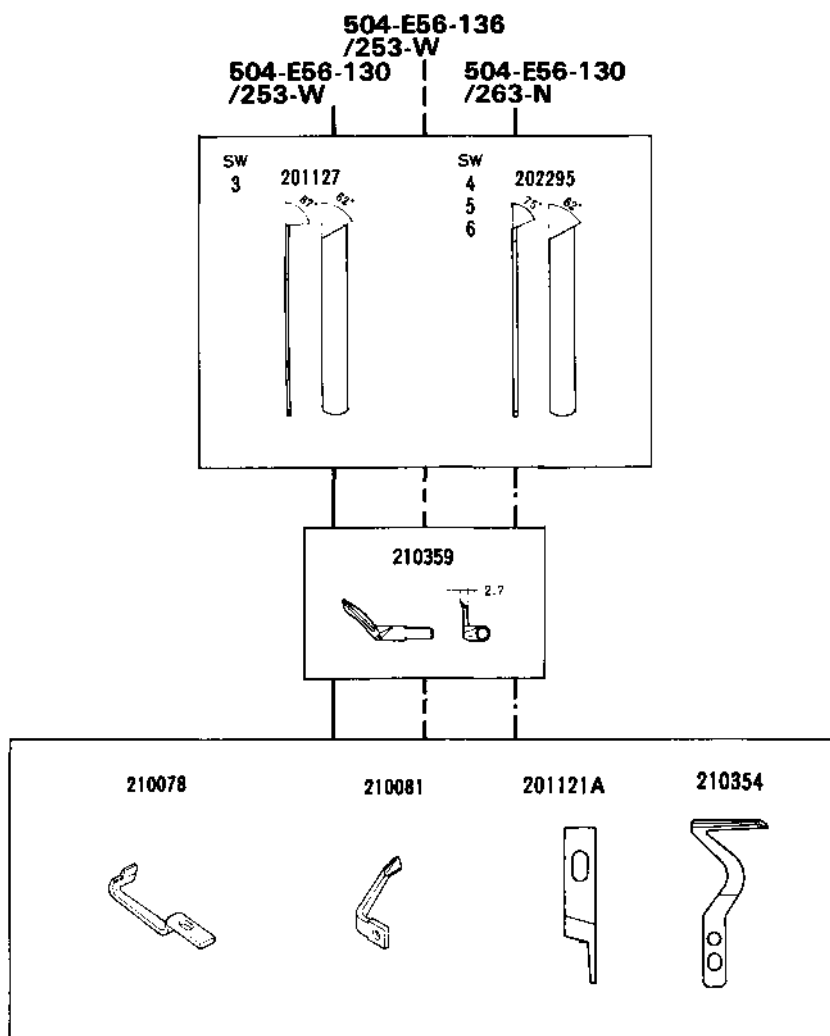


						MEMO	
504-E56-121/233-W	3.2	/	3·4·5·6	0.7~2	8,500		Seaming on foundations, light weight sweaters, dresses, etc.
504-E56-121/243-N							
504-E56-134/233-W	3.6						For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.

504-E56-130
504-E56-136

GAUGE PARTS
CONSTRUCTION CHART

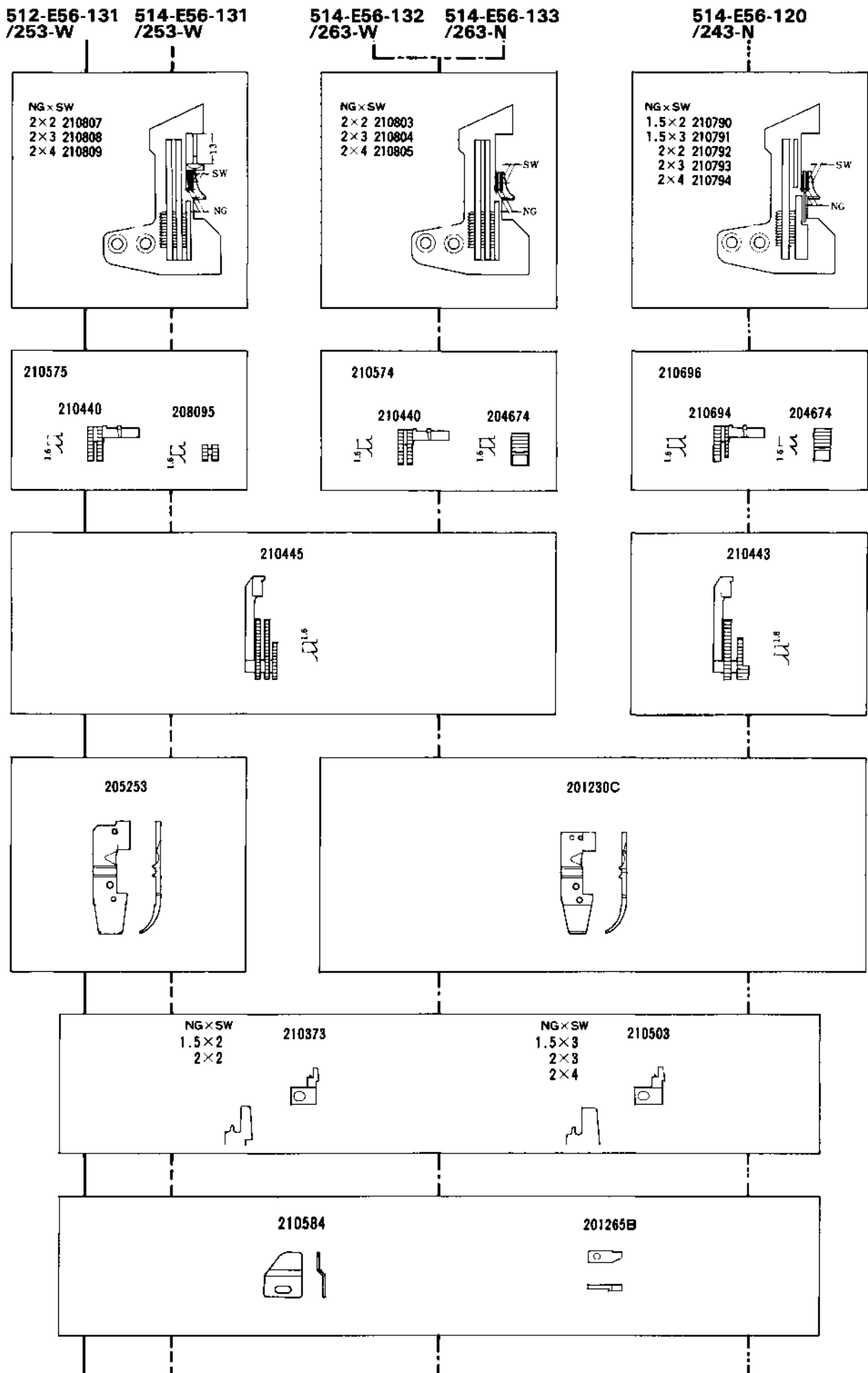


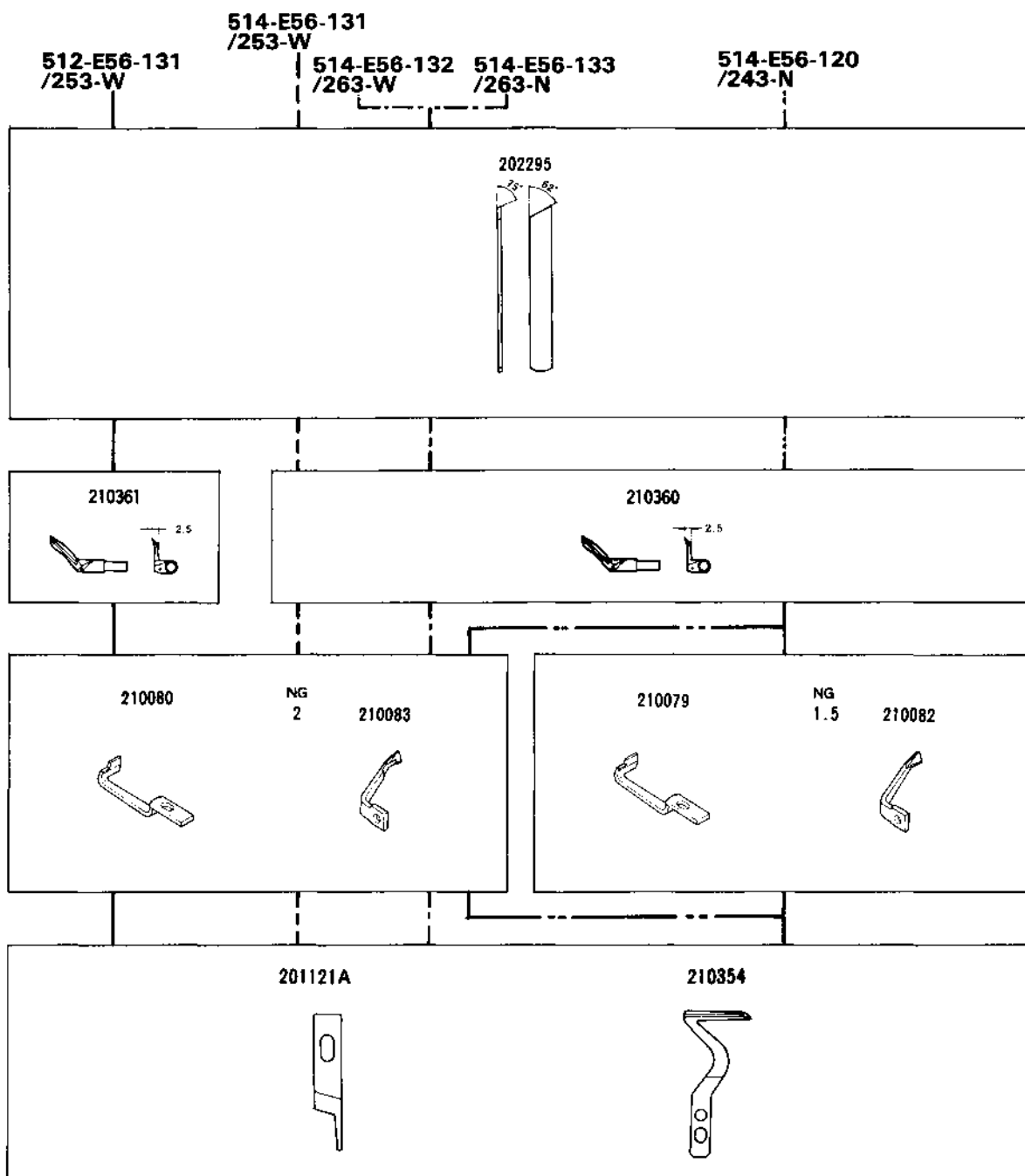


						MEMO	
504-E56-130/253-W	3.6						For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.
504-E56-130/263-N							
504-E56-136/253-W							

512-E56-131, 514-E56-132, 514-E56-120 514-E56-131, 514-E56-133

GAUGE PARTS CONSTRUCTION CHART





						MEMO	
512-E56-131/253-W	3.6	2	2-3-4	0.7~2	8,000		Closing and attaching sleeves and side closing on dress shirts, blouses etc.
514-E56-131/253-W							
514-E56-132/263-W	3.2			1~3			
514-E56-133/263-N	3.6			0.7~2			Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials.
514-E56-120/243-N		1.5	2-3				
		2	2-3-4				

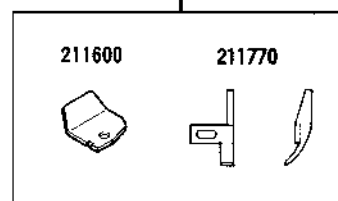
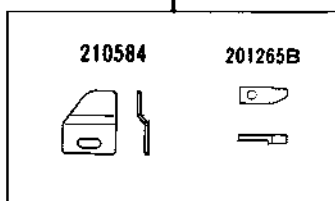
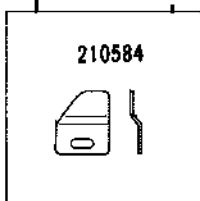
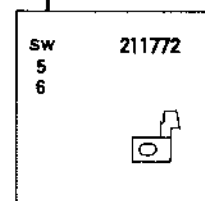
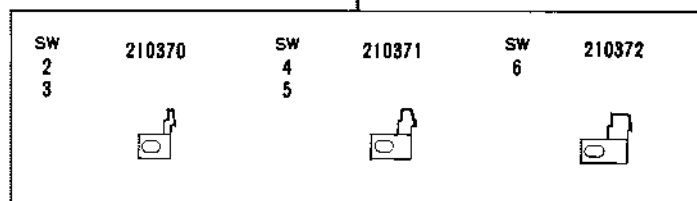
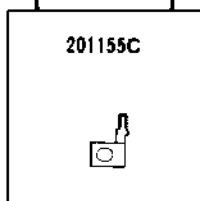
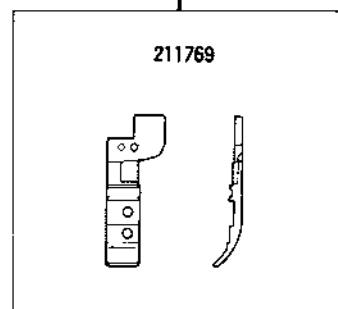
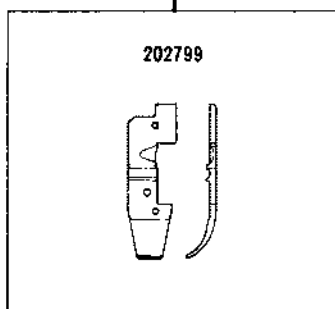
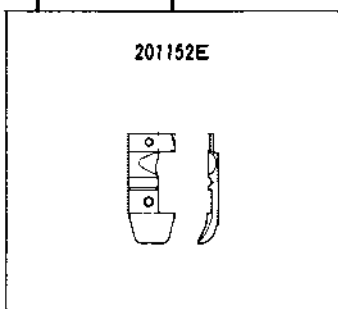
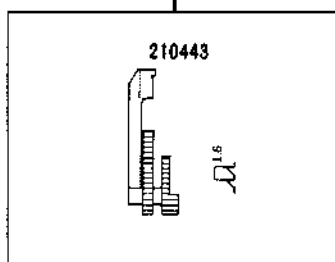
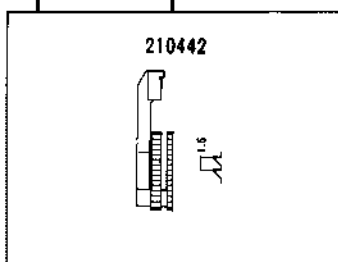
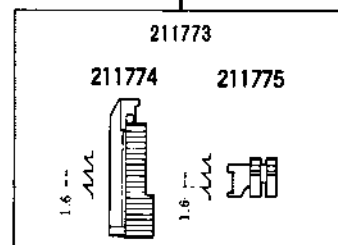
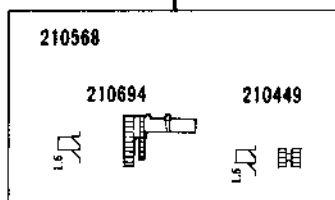
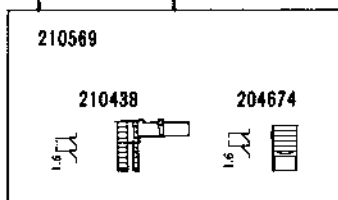
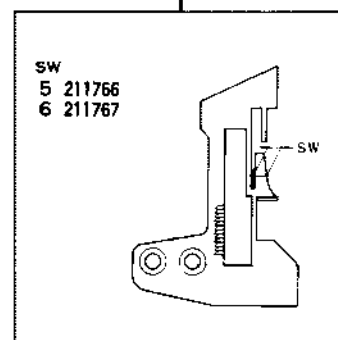
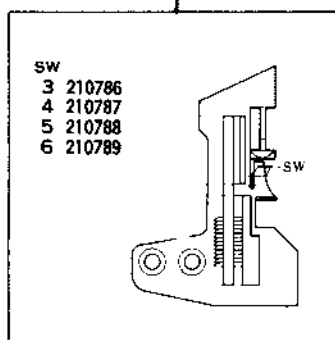
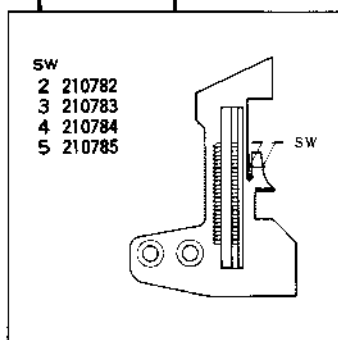
505-E56-210, 503-E56-220
503-E56-211, 503-E56-223

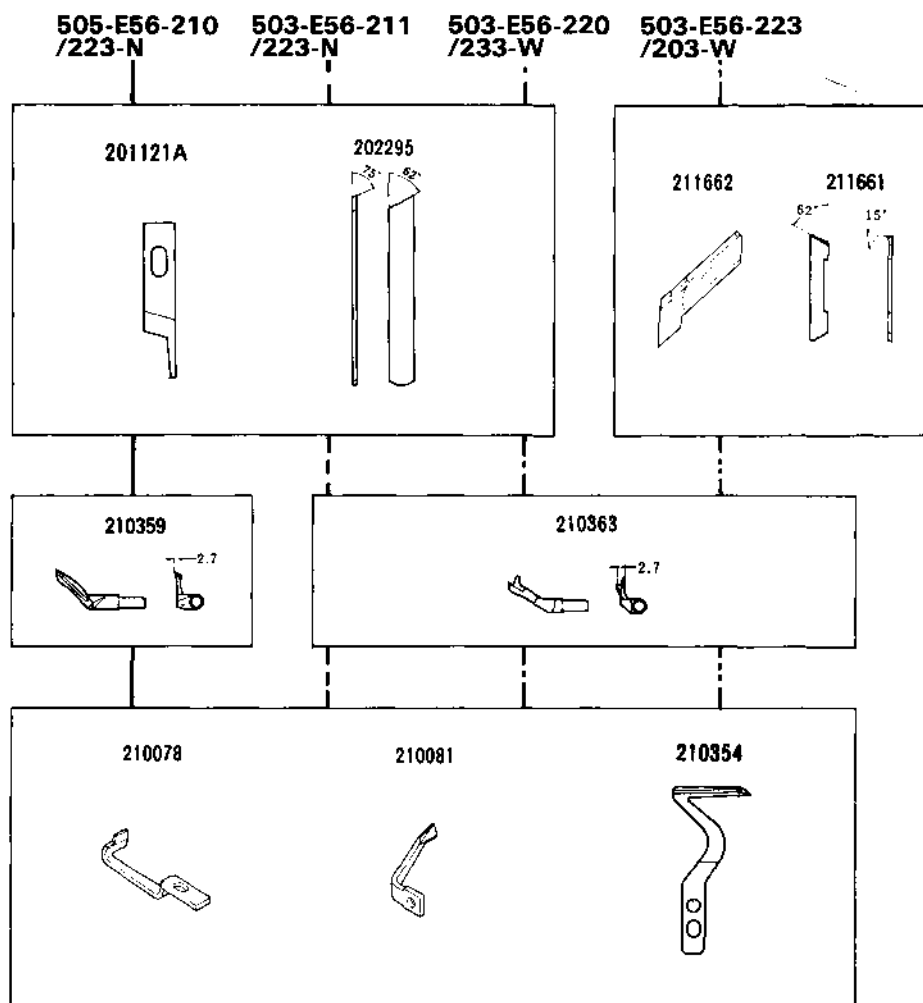
GAUGE PARTS
CONSTRUCTION CHART

505-E56-210 /223-N 503-E56-211 /223-N

503-E56-220 /233-W

503-E56-223 /203-W



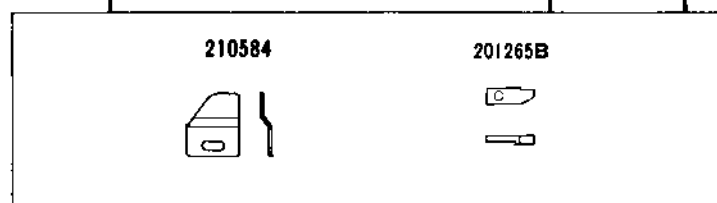
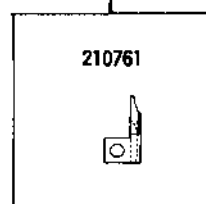
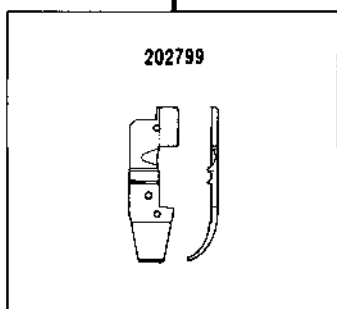
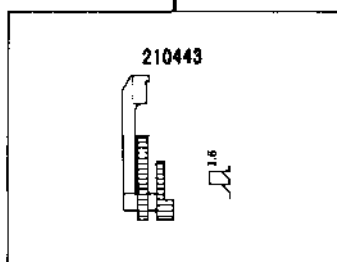
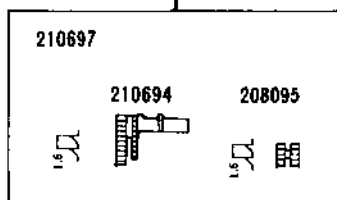
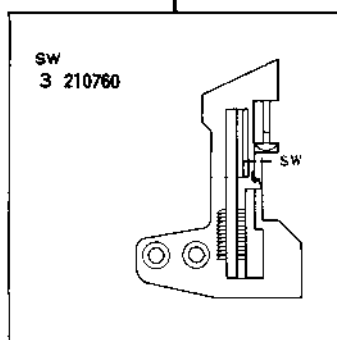


						MEMO	
505-E56-210/223-N	3.6		2-3-4-5	0.7~2	8,500		Three thread blindstitch hemming on light to medium weight materials such as U-neck undershirts, athletic shirts, briefs etc.
503-E56-211/223-N							Two thread blindstitch hemming on light to medium weight materials such as U-neck undershirts, athletic shirts, briefs etc.
503-E56-220/233-W	5.0		3-4-5-6	0.7~1.3	8,000		General serging operations on slacks, jackets, workwear etc.
503-E56-223/203-W	6.2		5-6				

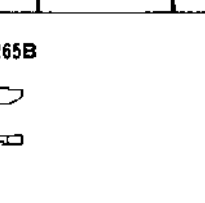
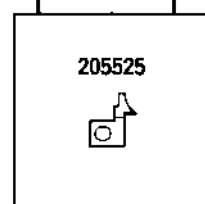
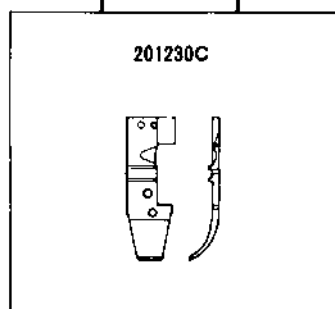
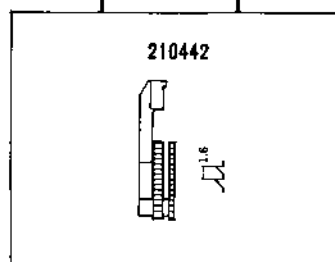
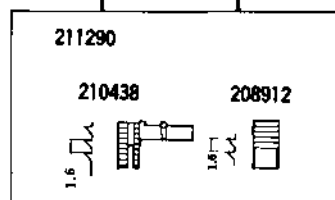
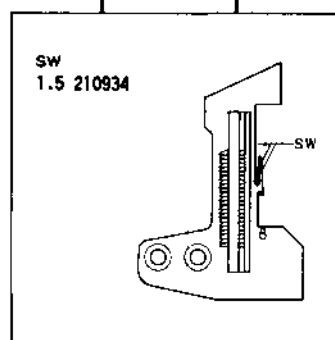
503-E56-230
503-E56-231

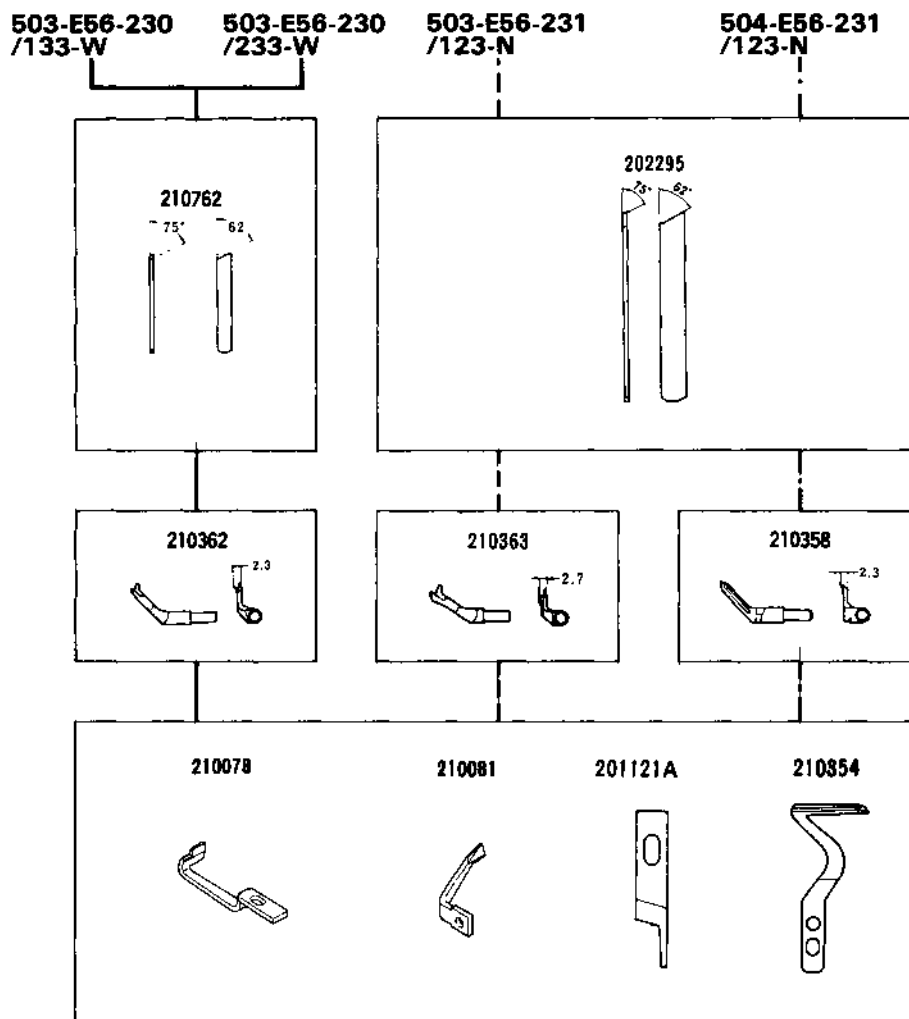
GAUGE PARTS
CONSTRUCTION CHART

503-E56-230 503-E56-230
/133-W /233-W



503-E56-231 504-E56-231
/123-N /123-N

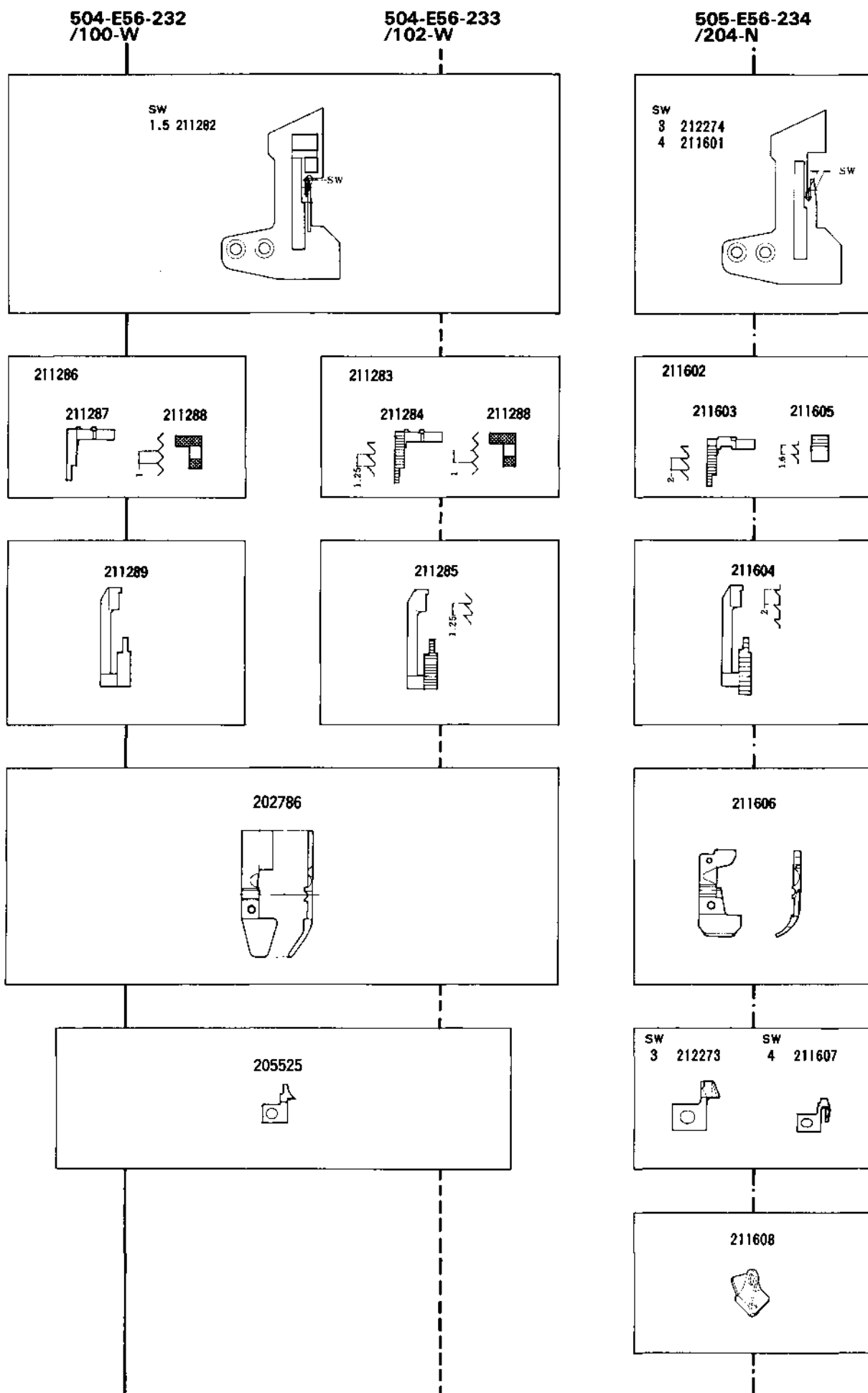


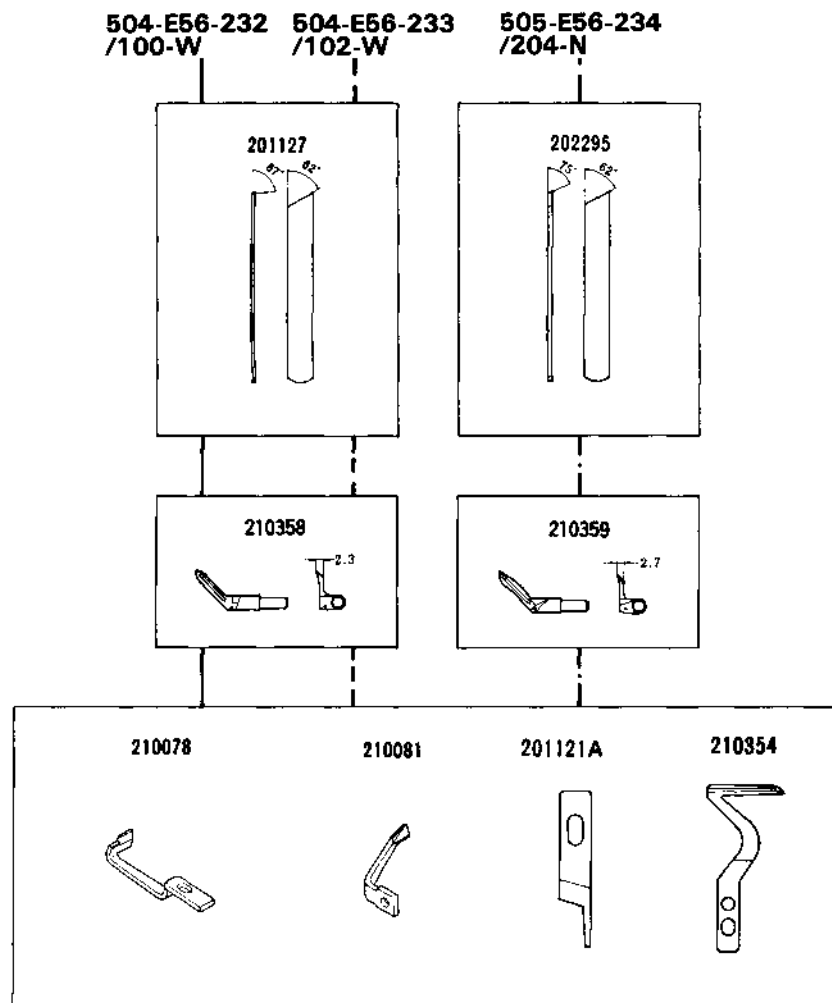


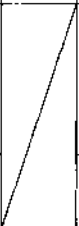
						MEMO	
503-E56-230/133-W	3.6		3	0.7~2	8,500		Two thread machine with low lift looper mechanism for light weight materials such as curtains, handkerchiefs etc.
503-E56-230/233-W	3.2						Two thread machine with standard lift looper mechanism for light to medium weight materials such as curtains.
503-E56-231/123-N	1.8		1.5	0.8~2			Two thread machine with low lift looper mechanism for light weight materials such as curtains, handkerchiefs etc.
504-E56-231/123-N							Three thread machine equipped with low lift looper mechanism for light weight materials such as handkerchiefs etc.

504-E56-232, 505-E56-234
504-E56-233

GAUGE PARTS
CONSTRUCTION CHART

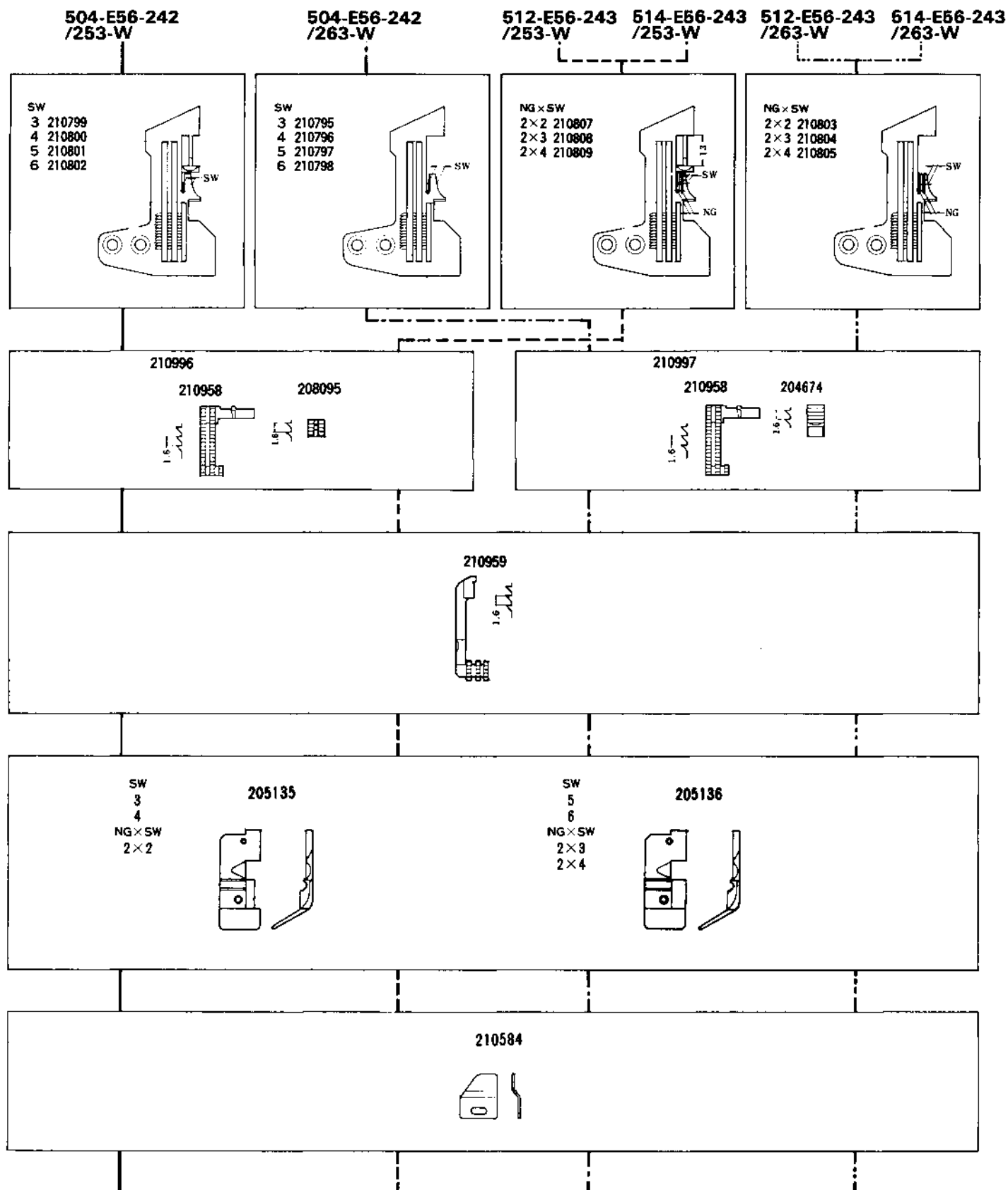


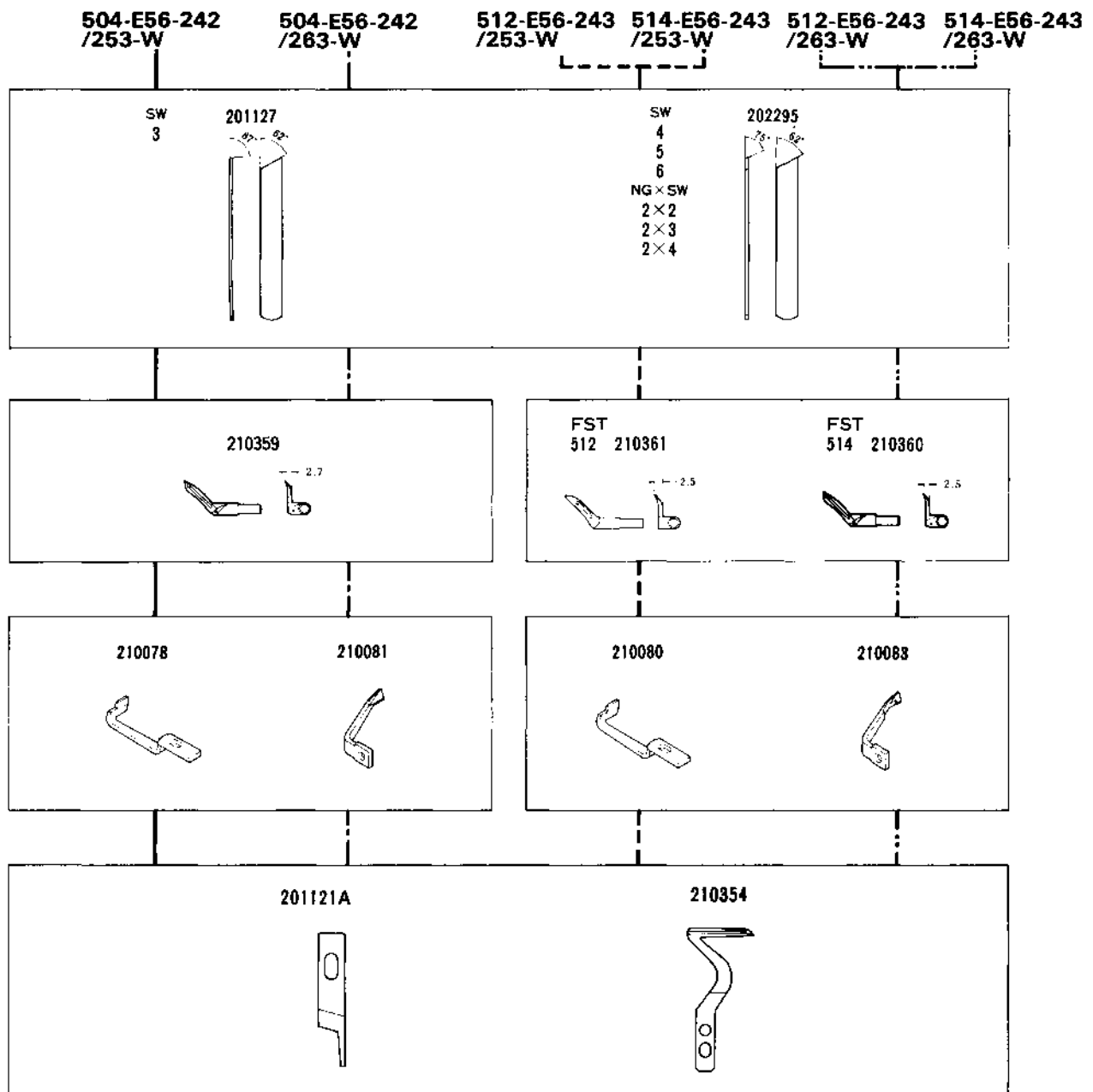


						MEMO	
504-E56-232/100-W	1.8		1.5	0.7~1.7	8,500		Equipped with rubber coated feeds and low lift looper for extra light weight materials such as pantyhose, scarves etc.
504-E56-233/102-W							Equipped with fine-pitch feeds and low lift looper mechanism for extra lightweight materials such as curtains, scarves etc.
505-E56-234/204-N	3.6		3-4	0.7~1	8,000		Turn-up hemming on towels, etc.

504-E56-242, 514-E56-243 512-E56-243

GAUGE PARTS CONSTRUCTION CHART

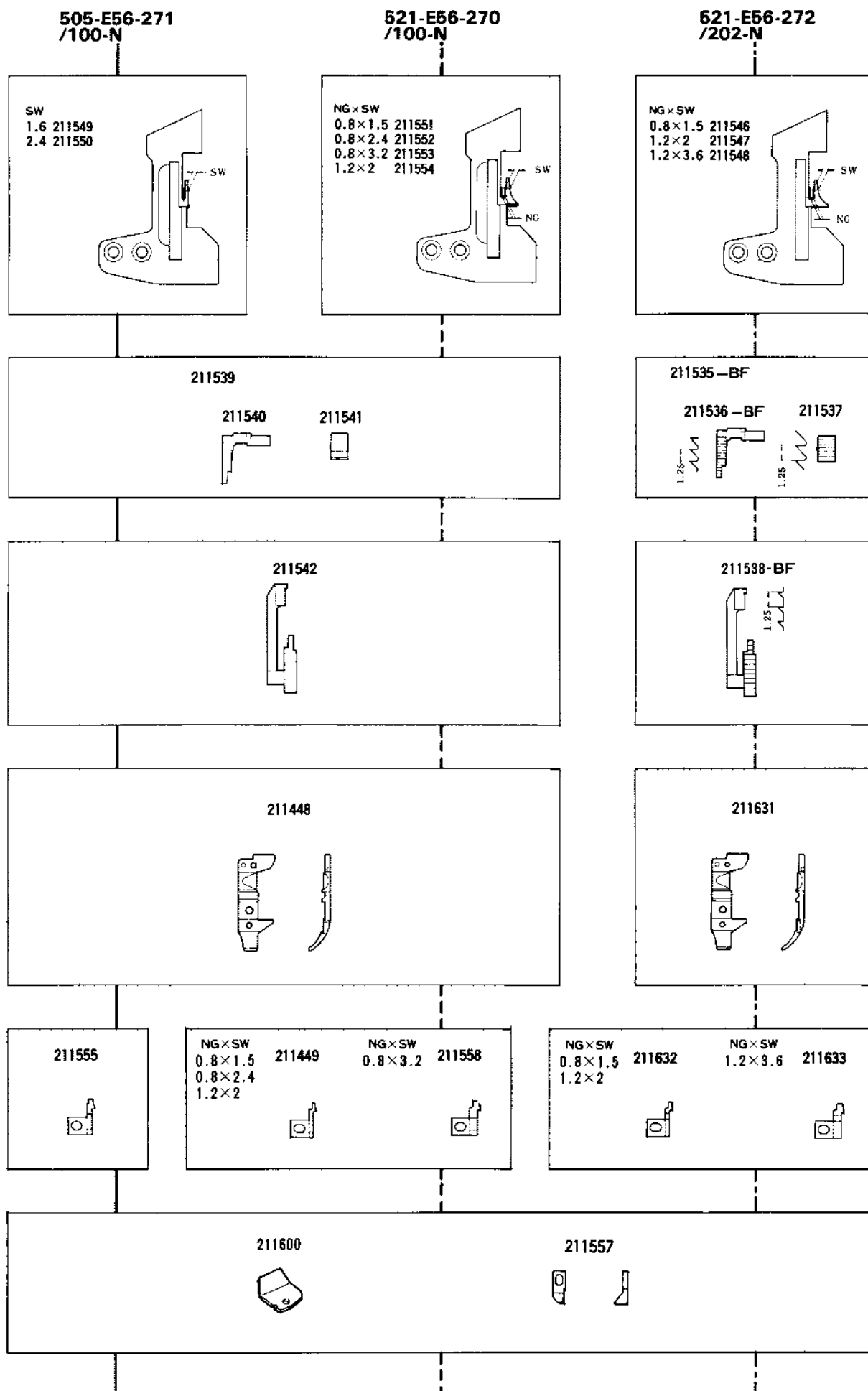


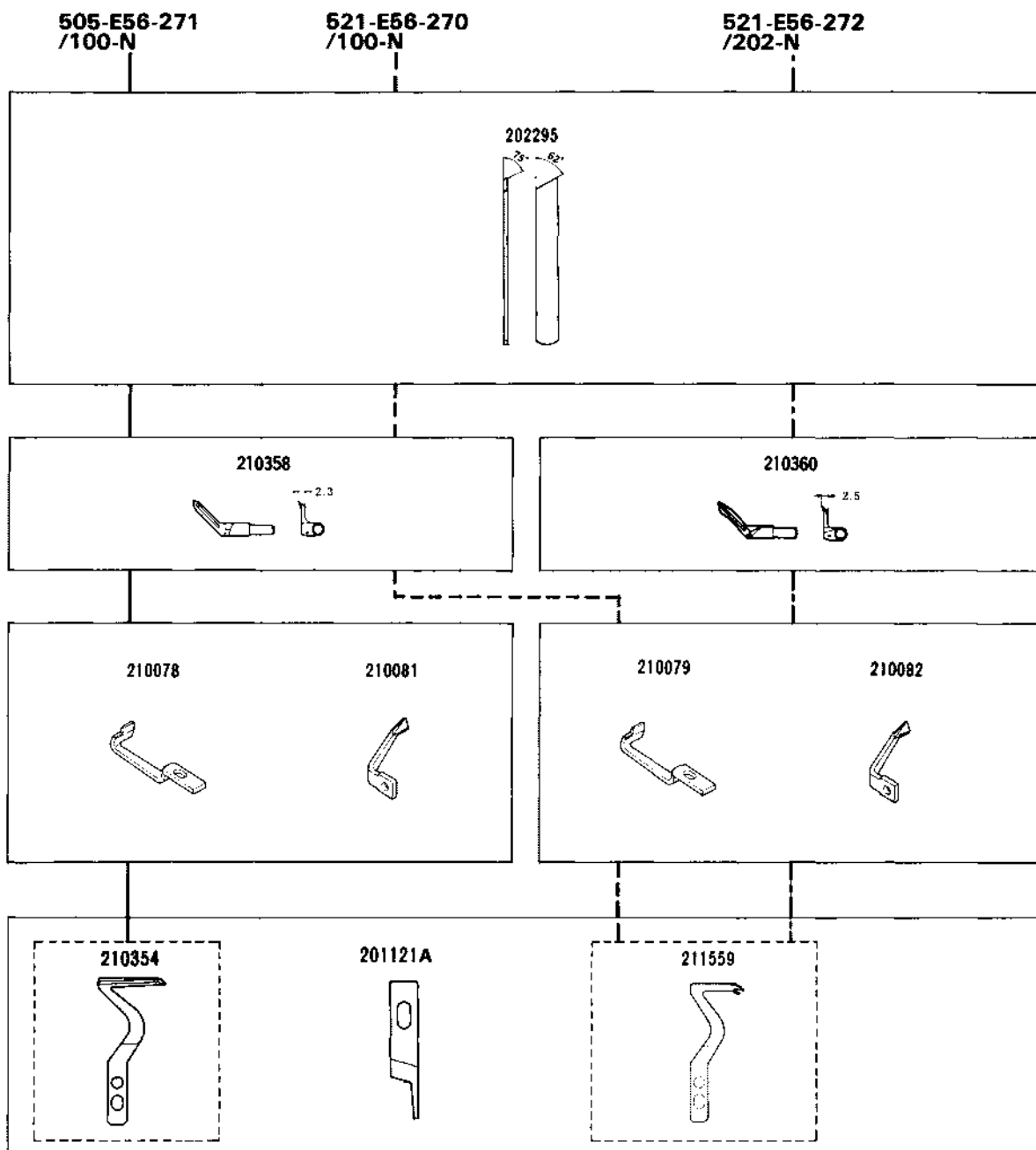


						MEMO			
504-E56-242/253-W	3.2		3-4-5-6	0.8~3	7,000		Single needle overedgers for intermittent shirring on light to medium weight materials such as lingerie, curtains etc.		
504-E56-242/263-W									
512-E56-243/253-W		2	2-3-4				Mock safety stitch overedgers for intermittent shirring on light to medium weight materials such as negligee, curtains etc.		
512-E56-243/263-W									
514-E56-243-253-W									Two needle overedgers for intermittent shirring on light to medium weight material such as lingerie curtains etc.
514-E56-243/263-W									

521-E56-270, 521-E56-272 505-E56-271

GAUGE PARTS CONSTRUCTION CHART





						MEMO	
505-E56-271/100-N	1.7		1.6-2.4		8,500		Single needle three thread machine with low lift looper mechanism for neat uniform toe closing and seaming of stockings and pantyhose.
521-E56-270/100-N			0.8				Two needle three thread machine with low lift looper mechanism for neat, uniform toe closing and seaming of stockings and pantyhose.
			1.2				
521-E56-272/202-N			0.8				Two needle three thread machine for toe closing of mens socks.
			1.2		8,000		

E32 GAUGE PARTS LIST (1)



MACHINE TYPE /SPEC.	GAUGE NG	SW	NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT COMPLETE	FAB. GUARD	UPPER LOOPER	UPPER SPREADER	NEEDLE HOLDER	NEEDLE GUARD	NEEDLE
515-E32-410 /212-	2	3	210833	210892	210889	208503	208531	210364	210512	210272	210276	DCX27
	2	4	210834	"	"	"	"	" #22	" #21	"	"	#11
	2	5	210835	"	"	"	"	"	"	"	"	
	2	6	210836	"	"	"	"	"	"	"	"	
	3	3	210837	"	"	208504	"	"	"	210273	"	
	3	4	210838	"	"	"	"	"	"	"	"	
	3	5	210839	"	"	"	"	"	"	"	"	
515-E32-410 /211-	2	3	210833	210578	210491	208503	208531	210364	210512	210272	210276	DCX27
	2	4	210834	"	"	"	"	" #22	" #21	"	"	#11
	2	5	210835	"	"	"	"	"	"	"	"	
	2	6	210836	"	"	"	"	"	"	"	"	
	3	3	210837	"	"	208504	"	"	"	210273	"	
	3	4	210838	"	"	"	"	"	"	"	"	
	3	5	210839	"	"	"	"	"	"	"	"	
★ 515-E32-410A /212-	2	3	210833	210892	210889	211907	-----	210364	210512	210272	210276	DCX27
	2	4	210834	"	"	"	-----	" #22	" #21	"	"	#11
	2	5	210835	"	"	211908	-----	"	"	"	"	
	2	6	210836	"	"	"	-----	"	"	"	"	
	3	3	210837	"	"	211909	-----	"	"	210273	"	
	3	4	210838	"	"	"	-----	"	"	"	"	
	3	5	210839	"	"	211910	-----	"	"	"	"	
515-E32-411 /232-	2	3	210841	210893	210890	208500	208531	210364	210512	210272	210276	DCX27
	2	4	210842	"	"	"	"	" #22	" #21	"	"	#11
	2	5	210843	"	"	"	"	"	"	"	"	
	2	6	210844	"	"	"	"	"	"	"	"	
	3	3	210845	"	"	208501	"	"	"	210273	"	
	3	4	210846	"	"	"	"	"	"	"	"	
	3	5	210847	"	"	"	"	"	"	"	"	
515-E32-420 /213 -	3	3	210837	210579	210492	208504	208531	210364	210512	210273	210276	DCX27
	3	4	210838	"	"	"	"	" #22	" #21	"	"	#11
	3	5	210839	"	"	"	"	"	"	"	"	
	3	6	210840	"	"	"	"	"	"	"	"	
★ 515-E32-420A /213 -	3	3	210837	210579	210492	211909	-----	210364	210512	210273	210276	DCX27
	3	4	210838	"	"	"	-----	" #22	" #21	"	"	#11
	3	5	210839	"	"	211910	-----	"	"	"	"	
	3	6	210840	"	"	"	-----	"	"	"	"	

★The upper knife is #202527A.

COMMON GAUGE PARTS

210357	Chainstitch looper	201121A	Upper knife
210275	Overlock needle guard (front)	202295	Lower knife
210378	Chainstitch needle guard (front)	210356	Lower looper
210379	Chainstitch needle guard (rear)		

E32 GAUGE PARTS LIST (2)



MACHINE TYPE /SPEC.	GAUGE NG SW	NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT COMPLETE	FAB. GUARD	UPPER LOOPER	UPPER SPREADER	NEEDLE HOLDER	NEEDLE GUARD	NEEDLE
515-E32-430 /233-	2 3	210841	210581	210494	208500	208531	210365	210513	210272	210276	DCX27 #14
	2 4	210842	"	"	"	"	" #24	" #23	"	"	
	2 5	210843	"	"	"	"	"	"	"	"	
	2 6	210844	"	"	"	"	"	"	"	"	
	3 3	210845	"	"	208501	"	"	"	210273	"	
	3 4	210846	"	"	"	"	"	"	"	"	
	3 5	210847	"	"	"	"	"	"	"	"	
	3 6	210848	"	"	"	"	"	"	"	"	
	5 3	210849	"	"	208502	"	"	"	210274	"	
	5 4	210850	"	"	"	"	"	"	"	"	
	5 5	210851	"	"	"	"	"	"	"	"	
	5 6	210852	"	"	"	"	"	"	"	"	
515-E32-431 /233-	3 4	210846	210581-SH	210494-SH	208501	208531	-----	210512	210273	210276	DCX27 #11
	3 5	210847	"	"	"	"	-----	#21	"	"	
515-E32-440 /255-	2 3	210855	210582	210498	208500	208531	210365	210513	210272	210276	DCX27 #16
	2 4	210856	"	"	"	"	" #24	" #23	"	"	
	2 5	210857	"	"	"	"	"	"	"	"	
	2 6	210858	"	"	"	"	"	"	"	"	
	3 3	210859	"	"	208501	"	"	"	210273	"	
	3 4	210860	"	"	"	"	"	"	"	"	
	3 5	210861	"	"	"	"	"	"	"	"	
	3 6	210862	"	"	"	"	"	"	"	"	
	5 3	210863	"	210501	208502	"	"	"	210274	"	
	5 4	210864	"	"	"	"	"	"	"	"	
	5 5	210865	"	"	"	"	"	"	"	"	
	5 6	210866	"	"	"	"	"	"	"	"	
★ 515-E32-450 /335-	3 5	211371	210582	210495	211366	204683	210365	210513	210273	210276	See note below.
	3 6	211372	"	"	"	"	" #24	" #23	"	"	
	5 5	210853	"	"	208955	"	"	"	210274	"	
	5 6	210854	"	"	"	"	"	"	"	"	
★ 515-E32-451 /355-	5 5	210867	210582	210501	208955	204683	210365	210513	210274	210276	
	5 6	210868	"	"	"	"	" #24	" #23	"	"	
★ 515-E32-452 /435-	3 5	210371	210582	210495	211366	204683	211719	211845	210273	210276	
	3 6	210372	"	"	"	"	" #38	" #29	"	"	
	5 5	210853	"	"	208955	"	"	"	210274	"	
	5 6	210854	"	"	"	"	"	"	"	"	
	5 7	212117	"	"	"	"	"	"	"	"	
★ 515-E32-453 /455-	5 5	210867	210582	210501	208955	204683	211719	211845	210274	210276	
	5 6	210868	"	"	"	"	" #38	" #29	"	"	
	5 7	212190	"	"	"	"	"	"	"	"	

★Chainstitch looper is #210357-HC.
 Overlock needle is DC×1, #19.
 Chainstitch needle is DC×27, #19.

COMMON GAUGE PARTS

210357	Chainstitch looper	201121A	Upper knife
210275	Overlock needle guard (front)	202295	Lower knife
210278	Chainstitch needle guard (front)	210356	Lower looper
210279	Chainstitch needle guard (rear)		

E32 GAUGE PARTS LIST (3)

MACHINE TYPE /SPEC.	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT		UPPER LOOPER	UPPER SPREADER	NEEDLE HOLDER	NEEDLE GUARD	NEEDLE
	NG	SW				COMPLETE	FAB. GUARD					
515-E32-540 /233-	2	3	210964	211000	211011	208507	208532	210364	210512	210272	210276	DCX27
	2	4	210965	"	"	"	"	" #22	" #21	"	"	#11
	2	5	210966	"	"	"	"	"	"	"	"	
	2	6	210967	"	"	"	"	"	"	"	"	
	3	3	210968	"	"	208508	"	210365	210513	210273	"	DCX27
	3	4	210969	"	"	"	"	" #24	" #23	"	"	#14
	3	5	210970	"	"	"	"	"	"	"	"	
	3	6	210971	"	"	"	"	"	"	"	"	
	5	3	210972	"	"	208509	"	"	"	210274	"	
	5	4	210973	"	"	"	"	"	"	"	"	
515-E32-541 /335-	3	3	210968	211001	211012	208508	208532	210367	210514	210273	210276	DCX27
	3	4	210969	"	"	"	"	" #28	" #25	"	"	#16
	3	5	210970	"	"	"	"	"	"	"	"	
	3	6	210971	"	"	"	"	"	"	"	"	
	5	3	210972	"	"	208509	"	"	"	210274	"	
	5	4	210973	"	"	"	"	"	"	"	"	
	5	5	210974	"	"	"	"	"	"	"	"	
	5	6	210975	"	"	"	"	"	"	"	"	
515-E32-542 /253-	2	3	210976	211002	210957	208507	208532	210364	210512	210272	210276	DCX27
	2	4	210977	"	"	"	"	" #22	" #21	"	"	#11
	2	5	210978	"	"	"	"	"	"	"	"	
	2	6	210979	"	"	"	"	"	"	"	"	
	3	3	210980	"	"	208508	"	210365	210513	210273	"	DCX27
	3	4	210981	"	"	"	"	" #24	" #23	"	"	#14
	3	5	210982	"	"	"	"	"	"	"	"	
	3	6	210983	"	"	"	"	"	"	"	"	
	5	3	210984	211003	"	208509	"	"	"	210274	"	
	5	4	210985	"	"	"	"	"	"	"	"	
515-E32-542P1 515-E32-542P2 /253-	3	3	210980	211002	210957	204502A	204460	210365	210513	210273	210276	DCX27
	3	4	210981	"	"	"	"	" #24	" #23	"	"	#14
	3	5	210982	"	"	"	"	"	"	"	"	
	3	6	210983	"	"	"	"	"	"	"	"	
	5	3	210984	211003	"	204505A	"	"	"	210274	"	
	5	4	210985	"	"	"	"	"	"	"	"	
	5	5	210986	"	"	"	"	"	"	"	"	
	5	6	210987	"	"	"	"	"	"	"	"	

COMMON GAUGE PARTS

210357	Chainstitch looper	201121A	Upper knife
210275	Overlock needle guard (front)	202295	Lower knife
210276	Chainstitch needle guard (front)	210356	Lower looper
210279	Chainstitch needle guard (rear)		

E32 GAUGE PARTS LIST (4)

MACHINE TYPE /SPEC.	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT		UPPER LOOPER	UPPER SPREADER	NEEDLE HOLDER	NEEDLE GUARD	NEEDLE
	NG	SW				COMPLETE	FAB. GUARD					
515-E32-543 /355-	3	3	210980	211004	211013	208508	208532	210367	210514	210273	210276	DCX27
	3	4	210981	"	"	"	"	" #28	" #25	"	"	#16
	3	5	210982	"	"	"	"	"	"	"	"	
	3	6	210983	"	"	"	"	"	"	"	"	
	5	3	210984	211005	"	208509	"	"	"	210274	"	
	5	4	210985	"	"	"	"	"	"	"	"	
	5	5	210986	"	"	"	"	"	"	"	"	
	5	6	210987	"	"	"	"	"	"	"	"	
515-E32-550 /213-	3	4	211379	210579	210492	208998	208531	210364	-----	210273	210276	DCX27
	3	5	211380	"	"	"	"	" #22	-----	"	"	#11
515-E32-551 /233-	3	4	211381	210581	210494	209202	208531	210364	-----	210273	210276	DCX27
	3	5	211382	"	"	"	"	" #22	-----	"	"	#11
	5	4	211383	"	"	209204	"	"	-----	210274	"	
	5	5	211384	"	"	"	"	"	-----	"	"	

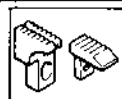
★	516-E32-355	3	2	3	211569	210579	210492	208649	208531	210365	-----	211573	210724	DCX27
		3	2	4	211570	"	"	"	"	" #24	-----	"	"	#11
★	516-E32-359	3	2	3	211569	210579	210492	208649	208531	211507	-----	211573	210724	DCX27
		3	2	4	211570	"	"	"	"	" #36	-----	"	"	#11
★	516-E32-555	5	2	3	211574	210581	210494	209255	208531	210365	-----	211577	210724	DCX27
		5	2	4	211575	"	"	"	"	" #24	-----	"	"	#11
★	516-E32-559	5	2	3	211574	210581	210494	209255	208531	211507	-----	211577	210724	DCX27
		5	2	4	211575	"	"	"	"	" #36	-----	"	"	#11

★ The overlock needle guard (front) is #211578.

COMMON GAUGE PARTS

210357	Chainstitch looper	201121A	Upper knife
210275	Overlock needle guard (front)	202295	Lower knife
210278	Chainstitch needle guard (front)	210356	Lower looper
210279	Chainstitch needle guard (rear)		

E52 GAUGE PARTS LIST (1)



MACHINE TYPE /SPEC.	GAUGE NG SW	NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD (FRONT) (REAR)		NEEDLE HOLDER	NEEDLE
★ 504-E52-121 /233-W	3	212241	212249	211974	211987	210370	211557	202295	210364	210251	210255	211358	DCX27 #11
	4	212242	"	"	"	210371	"	"	" #22	"	"	"	"
	5	212243	"	"	"	"	"	"	"	"	"	"	"
	6	212244	"	"	"	210372	"	"	"	"	"	"	"
★ 504-E52-121 /243-N	3	212245	212250	211974	211986	210370	211557	202295	210364	210251	210255	211358	DCX27 #11
	4	212246	"	"	"	210371	"	"	" #22	"	"	"	"
	5	212247	"	"	"	"	"	"	"	"	"	"	"
	6	212248	"	"	"	210372	"	"	"	"	"	"	"
★ 504-E52-121T /243-N	3	212241	212250	211974	211986	210370	211557	202295	210364	210251	210255	211358	DCX27 #11
	4	212242	"	"	"	"	"	"	" #22	"	"	"	"
504-E52-130 /253-W	3	210799	210575	210445	205253	210370	201265B	201127	210365	210251	210255	211358	DCX27 #14
	4	210800	"	"	"	210371	"	202295	" #24	"	"	"	"
	5	210801	"	"	"	"	"	"	"	"	"	"	"
	6	210802	"	"	"	210372	"	"	"	"	"	"	"
504-E52-130 /263-N	3	210795	210574	210445	201230C	210370	201265B	201127	210364	210251	210255	211358	DCX27 #11
	4	210796	"	"	"	210371	"	202295	" #22	"	"	"	"
	5	210797	"	"	"	"	"	"	"	"	"	"	"
	6	210798	"	"	"	210372	"	"	"	"	"	"	"
504-E52-130P1 504-E52-130P2 /253-W	3	210799	210575	210445	211873-TA	212271-TA	-----	201127	210365	210251	210255	211358	DCX27 #11
	4	210800	"	"	"	211874-TA	-----	202295	" #24	"	"	"	"
	5	210801	"	"	"	"	-----	"	"	"	"	"	"
★ 504-E52-130T /263-N	3	210795	210574	210445	201230C	210370	201265B	201127	210364	210251	210255	211358	DCX27 #11
	4	210796	"	"	"	"	"	202295	" #22	"	"	"	"
512-E52-131M /353-W	2	210807	210575	210445	205253	210373	201265B	202295	210368	210252	210724	211360	DCX27 #14
	2	210808	"	"	"	210503	"	"	" #34	"	"	"	"
	2	210809	"	"	"	210374	"	"	"	"	"	"	"
	2	210810	"	"	"	"	"	"	"	"	"	"	"
514-E52-131M /353-W	2	210807	210575	210445	205253	210373	201265B	202295	210365	210252	210724	211360	DCX27 #11
	2	210808	"	"	"	210503	"	"	" #24	"	"	"	"
	2	210809	"	"	"	210374	"	"	"	"	"	"	"
	2	210810	"	"	"	"	"	"	"	"	"	"	"
★ 514-E52-131MP1 514-E52-131MP2 /353-W	2	210808	210575	210445	211873-TA	211875-TA	-----	202295	210365	210252	210724	211360	DCX27 #11
	2	210809	"	"	"	"	-----	"	" #24	"	"	"	"
514-E52-132M /363-W	2	210803	210574	210445	201230C	210373	201265B	202295	210365	210252	210724	211360	DCX27 #11
	2	210804	"	"	"	210503	"	"	" #24	"	"	"	"
	2	210805	"	"	"	210374	"	"	"	"	"	"	"
	2	210806	"	"	"	"	"	"	"	"	"	"	"

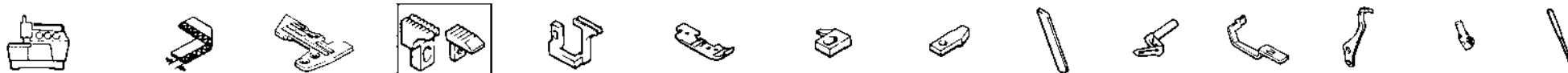
Model	Presser foot uncurler	Lower looper
E52-121	211600	210356
121T	"	212215
130P1,P2	-----	210356
130T	210584	212215
131P1,P2	-----	210356

Lower looper (M-line machines) 212644

COMMON GAUGE PARTS

201121A Upper knife
210356 Lower looper
210584 Presser foot uncurler

E52 GAUGE PARTS LIST (2)



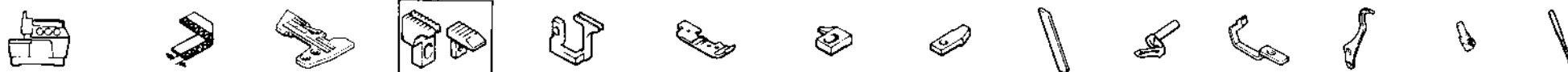
MACHINE TYPE /SPEC.	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD		NEEDLE HOLDER	NEEDLE
	NG	SW				BODY	FINGER	FAB. GRD			(FRONT)	(REAR)		
514-E52-133M /363-N	2	2	210803	210574	210445	201230C	210373	201265B	202295	210365	210252	210724	211360	DCX27
	2	3	210804	"	"	"	210503	"	"	" #24	"	"	"	#11
	2	4	210805	"	"	"	210374	"	"	"	"	"	"	
	2	5	210806	"	"	"	"	"	"	"	"	"	"	
514-E52-133MZ /363-N	2	2	210803	210574	210445	201230C	210373	201265B	202295	210365	210252	210724	211360	DCX27
	2	3	210804	"	"	"	210503	"	"	" #24	"	"	"	#11
	2	4	210805	"	"	"	210374	"	"	"	"	"	"	
	2	5	210806	"	"	"	"	"	"	"	"	"	"	
504-E52-134 /233-W		3	210786	210697	210443	202799	210370	201265B	202295	210365	210251	210255	211358	DCX27
		4	210787	"	"	"	210371	"	"	" #24	"	"	"	#14
		5	210788	"	"	"	"	"	"	"	"	"	"	
		6	210789	"	"	"	210372	"	"	"	"	"	"	
512-E52-135M /373-W	2	3	210825	210575	210447	202799	210503	201265B	201127	210368	210252	210724	211360	DCX27
	2	4	210826	"	"	"	210374	"	202295	" #34	"	"	"	#14
	2	5	210827	"	"	"	"	"	"	"	"	"	"	
	2.5	2.5	210828	"	"	"	210375	"	201127	"	210253	"	211361	
	2.5	3.5	210829	"	"	"	"	"	202295	"	"	"	211362	
	3	3	210831	"	"	"	"	"	"	"	210254	"	"	
504-E52-136 /253-W		3	211257	211263	210445	205252	210370	201265B	201127	210364	210251	210255	211358	DCX27
		4	211258	"	"	"	210371	"	202295	" #22	"	"	"	#11
		5	211259	"	"	"	"	"	"	"	"	"	"	
		6	211260	"	"	"	210372	"	"	"	"	"	"	
514-E52-137M /323-N	2	2	210905	210569	210442	201230C	210373	201265B	202295	210365	210252	210724	211360	DCX27
	2	3	210906	"	"	"	210503	"	"	" #24	"	"	"	#11
	2	4	210907	"	"	"	210374	"	"	"	"	"	"	
514-E52-140M /385-W	2	3	210817	210576	210448	201230C	210503	201265B	201127	210729	210252	210724	211360	DCX27
	2	4	210818	"	"	"	210374	"	202295	" #30	"	"	"	#14
	2	5	210819	"	"	"	"	"	"	"	"	"	"	
	2.5	2.5	210820	"	"	"	210375	"	201127	210730	210253	"	211361	
	2.5	3.5	210821	"	"	"	"	"	202295	" #32	"	"	"	
504-E52-141 /463-W		3	210795	210574	210445	201230C	210370	201265B	201127	211719	210251	210255	211358	DCX27
		4	210796	"	"	"	210371	"	202295	" #38	"	"	"	#11
		5	210797	"	"	"	"	"	"	"	"	"	"	
		6	210798	"	"	"	210372	"	"	"	"	"	"	
512-E52-142 /463-W	2	2	210803	210574	210445	201230C	210373	201265B	202295	211844	210252	210724	211360	DCX27
	2	3	210804	"	"	"	210503	"	"	" #42	"	"	"	#11
	2	4	210805	"	"	"	210374	"	"	"	"	"	"	
	2	5	210806	"	"	"	"	"	"	"	"	"	"	
514-E52-142 /463-W	2	2	210803	210574	210445	201230C	210373	201265B	202295	211719	210252	210724	211360	DCX27
	2	3	210804	"	"	"	210503	"	"	" #38	"	"	"	#11

Lower looper (M-line machines) 212644

COMMON GAUGE PARTS

201121A Upper knife
210356 Lower looper
210584 Presser foot uncurler

E52 GAUGE PARTS LIST (3)



MACHINE TYPE /SPEC.	GAUGE NG SW	NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD		NEEDLE HOLDER	NEEDLE
					BODY	FINGER	FAB. GRD			(FRONT)	(REAR)		
505-E52-210 505-E52-210C /223-N	2	210782	210569	210442	201152E	201155C	-----	202295	210364	210251	210255	211358	DCX27
	3	210783	"	"	"	"	-----	"	" #22	"	"	"	#11
	4	210784	"	"	"	"	-----	"	"	"	"	"	
	5	210785	"	"	"	"	-----	"	"	"	"	"	
503-E52-211	2	210782	210569	210442	201152E	201155C	-----	202295	210512	210251	210255	211358	DCX27
	3	210783	"	"	"	"	-----	"	" #21	"	"	"	
	4	210784	"	"	"	"	-----	"	"	"	"	"	
	5	210785	"	"	"	"	-----	"	"	"	"	"	
★ 505-E52-212 /223-N	2	210782	210569	210442	211991	211993	211994	202295	210364	210251	210255	211358	DCX27
	3	210783	"	"	"	"	"	"	" #22	"	"	"	#11
	4	210784	"	"	"	"	"	"	"	"	"	"	
	5	210785	"	"	"	"	"	"	"	"	"	"	
503-E52-220 /233-W	3	210786	210568	210443	202799	210370	201265B	202295	210513	210251	210255	211358	DCX27
	4	210787	"	"	"	210371	"	"	" #23	"	"	"	#14
	5	210788	"	"	"	"	"	"	"	"	"	"	
	6	210789	"	"	"	210372	"	"	"	"	"	"	
★ 504-E52-221 /365-W	3	210795	210576	210446	201230C	210370	201265B	201127	210365	210251	210255	211358	DCX27
	4	210796	"	"	"	210371	"	202295	" #24	"	"	"	#18
	5	210797	"	"	"	"	"	"	"	"	"	"	
	6	210798	"	"	"	210372	"	"	"	"	"	"	
★ 503-E52-222 /233-	5	211424	211425	210443	303718	210371	-----	202295	210513	210251	210255	211358	DCX27
★ 504-E52-222 /233-	5	211424	211425	210443	303718	210371	-----	202295	210365	210251	210255	211358	DCX27
★ 503-E52-223 /203-W	5	211766	211773	-----	211768	211772	-----	211661	210513	210251	210255	211358	DCX27
	6	211767	"	-----	"	"	-----	"	" #23	"	"	"	#14
503-E52-225A /393-	5	302205-50	302206-16	302208-16	302209	210371A	-----	202295	210514	210251	210255	211358	DCX27
									" #25				#14
504-E52-225A /393-	5	302205-50	302206-16	302208-16	302209	210371A	-----	202295	210367	210251	210255	211358	DCX27
									" #28				#14
503-E52-226 /343-	5	301974	301723	210443	301724	210371	301725	202295	210515	210251	210255	211358	DCX27
									" #27				#11
504-E52-226 /343-	5	301974	301723	210443	301724	210371	301725	202295	210366	210251	210255	211358	DCX27
									" #26				#11
504-E52-231 /223-N	1.5	210934	211290	210442	201230C	205525	201265B	202295	210364	210251	210255	211358	DCX27
									" #22				#11

★ For E52-212, the presser foot uncurler is #211600.

For E52-212, the presser foot uncurler is #211600.

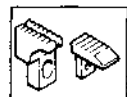
For E52-222, the presser foot uncurler is not fitted.

For E52-223, the presser foot uncurler is not fitted and the upper knife is #211662.

COMMON GAUGE PARTS

201121A Upper knife
210356 Lower looper
210584 Presser foot uncurler

E52 GAUGE PARTS LIST (4)



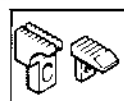
MACHINE TYPE /SPEC.	GAUGE NG SW	NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD (FRONT) (REAR)		NEEDLE HOLDER	NEEDLE
504-E52-242 /253-W	3	210799	210996	210959	205135	-----	-----	201127	210364	210251	210255	211358	DCX27
	4	210800	"	"	"	-----	-----	202295	" #22	"	"	"	#11
	5	210801	"	"	205136	-----	-----	"	"	"	"	"	
	6	210802	"	"	"	-----	-----	"	"	"	"	"	
504-E52-242 /263-W	3	210795	210997	210959	205135	-----	-----	201127	210364	210251	210255	211358	DCX27
	4	210796	"	"	"	-----	-----	202295	" #22	"	"	"	#11
	5	210797	"	"	205136	-----	-----	"	"	"	"	"	
	6	210798	"	"	"	-----	-----	"	"	"	"	"	
504-E52-242P1 504-E52-242P2 /253-W	5	210801	210996	210959	208782	-----	-----	202295	210364 #22	210251	210255	211358	DCX27 #11
512-E52-243M /353-W	2 2	210807	210996	210959	205135	-----	-----	202295	211507	210252	210724	211360	DCX27
	2 3	210808	"	"	205136	-----	-----	"	" #36	"	"	"	#11
	2 4	210809	"	"	"	-----	-----	"	"	"	"	"	
	2 5	210810	"	"	"	-----	-----	"	"	"	"	"	
512-E52-243M /363-W	2 2	210803	210997	210959	205135	-----	-----	202295	211507	210252	210724	211360	DCX27
	2 3	210804	"	"	205136	-----	-----	"	" #36	"	"	"	#11
	2 4	210805	"	"	"	-----	-----	"	"	"	"	"	
	2 5	210806	"	"	"	-----	-----	"	"	"	"	"	
514-E52-243M /353-W	2 2	210807	210996	210959	205135	-----	-----	202295	210365	210252	210724	211360	DCX27
	2 3	210808	"	"	205136	-----	-----	"	" #24	"	"	"	#11
	2 4	210809	"	"	"	-----	-----	"	"	"	"	"	
	2 5	210810	"	"	"	-----	-----	"	"	"	"	"	
514-E52-243M /363-W	2 2	210803	210997	210959	205135	-----	-----	202295	210365	210252	210724	211360	DCX27
	2 3	210804	"	"	205136	-----	-----	"	" #24	"	"	"	#11
	2 4	210805	"	"	"	-----	-----	"	"	"	"	"	
	2 5	210806	"	"	"	-----	-----	"	"	"	"	"	
514-E52-243MP1 514-E52-243MP2 /353-W	2 3	210808	210996	210959	208782	-----	-----	202295	210365	210252	210724	211360	DCX27
	2 4	210809	"	"	"	-----	-----	"	" #24	"	"	"	#11

Lower looper (M-line machines) 212644

COMMON GAUGE PARTS

201121A Upper knife
210356 Lower looper
210584 Presser foot uncurler

E52 GAUGE PARTS LIST (5)



MACHINE TYPE /SPEC.	GAUGE NG SW	NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD		NEEDLE HOLDER	NEEDLE
					BODY	FINGER	FAB. GRD			(FRONT)	(REAR)		
514-E52-250M	2 2	210803	210574	210445	208730	208731	-----	202295	210365	210252	210724	211360	DCX27
514-E52-250MC	2 3	210804	"	"	"	"	-----	"	" #24	"	"	"	#11
/363-N	2 4	210805	"	"	"	208732	-----	"	"	"	"	"	
	2 5	210806	"	"	"	"	-----	"	"	"	"	"	
512-E52-252	2 2	210803	211927	211929	211930	210373	211557	202295	211844	210252	210724	211360	DCX27
/463-W	2 3	211804	"	"	"	210503	"	"	" #42	"	"	"	#11
	2 4	211805	"	"	"	210374	"	"	"	"	"	"	
	2 5	211806	"	"	"	"	"	"	"	"	"	"	
514-E52-252	2 2	210803	211927	211929	211930	210373	211557	202295	211720	210252	210724	211360	DCX27
★ /463-W	2 3	210804	"	"	"	210503	"	"	" #40	"	"	"	#11
	2 4	210805	"	"	"	210374	"	"	"	"	"	"	
	2 5	210806	"	"	"	"	"	"	"	"	"	"	
504-E52-260	5	211820	211827	211822	211825	-----	-----	202295	210365	210251	210255	211358	DCX27
/303-W	6	211821	"	"	"	-----	-----	"	" #24	"	"	"	#18
504-E52-261	8	211831	211832	211833	211835	-----	-----	211661	211719	210251	210255	211358	DCX27
/403-W									#38				#18
504-E52-350P1	5	210801	211887-BF	211890-BF	211894-TA	211874-TA	-----	202295	210365	210251	210255	211358	DCX27
504-E52-350P2									#24				#11
/253-W													
514-E52-351MP1	2 4	210809	211887-BF	211890-BF	211894-TA	211875-TA	-----	202295	210365	210252	210724	211360	DCX27
514-E52-351MP2									#24				#11
/353-W													

★ Lower looper is #211651.

Lower looper (M-line machines) 212644

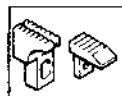
Upper knife is #211662 (504-E52-261)

See page 171.

COMMON GAUGE PARTS

201121A Upper knife
210356 Lower looper
210584 Presser foot uncurler

E56 GAUGE PARTS LIST (1)



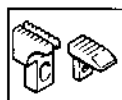
MACHINE TYPE /SPEC.	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD		NEEDLE
	NG	SW				BODY	FINGER	FAB. GRD			(FRONT)	(REAR)	
504-E56-110 /102-W		2	211279	211291	211285	211349	211350	-----	202295	210358	210078	210081	154GAS
		3	211280	"	"	"	"	-----	"	" #2	"	"	#12
		4	211281	"	"	"	"	-----	"	"	"	"	
504-E56-111 /102-W		2	211276	211292	211285	211349	211350	-----	202295	210358	210078	210081	154GAS
		3	211277	"	"	"	"	-----	"	" #2	"	"	#12
		4	211278	"	"	"	"	-----	"	"	"	"	
514-E56-120 /243-N	1.5	2	210790	210696	210443	201230C	210373	201265B	202295	210360	210079	210082	154GDS
	1.5	3	210791	"	"	"	210503	"	"	" #6	"	"	#12
	2	2	210792	"	"	"	210373	"	"	"	210080	210083	
	2	3	210793	"	"	"	210503	"	"	"	"	"	
	2	4	210794	"	"	"	"	"	"	"	"	"	
★ 504-E56-121 /233-W		3	212241	212249	211974	211987	210370	211557	202295	210359	210078	210081	154GAS
		4	212242	"	"	"	210371	"	"	" #4	"	"	#12
		5	212243	"	"	"	"	"	"	"	"	"	
		6	212244	"	"	"	210372	"	"	"	"	"	
★ 504-E56-121 /243-N		3	212245	212250	211974	211986	210370	211557	202295	210359	210078	210081	154GAS
		4	212246	"	"	"	210371	"	"	" #4	"	"	#14
		5	212247	"	"	"	"	"	"	"	"	"	
		6	212248	"	"	"	210372	"	"	"	"	"	

★ The presser foot uncurler is #211600.

COMMON GAUGE PARTS

201121A Upper knife
210354 Lower looper
210584 Presser foot uncurler

E56 GAUGE PARTS LIST (2)

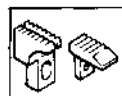


MACHINE TYPE /SPEC.	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD		NEEDLE
	NG	SW				BODY	FINGER	FAB. GRD			(FRONT)	(REAR)	
504-E56-130 /253-W		3	210799	210575	210445	205253	210370	201265B	201127	210359	210078	210081	154GAS #14
		4	210800	"	"	"	210371	"	202295	" #4	"	"	
		5	210801	"	"	"	"	"	"	"	"	"	
		6	210802	"	"	"	210372	"	"	"	"	"	
504-E56-130 /263-N		3	210795	210574	210445	201230C	210370	201265B	201127	210359	210078	210081	154GAS #14
		4	210796	"	"	"	210371	"	202295	" #4	"	"	
		5	210797	"	"	"	"	"	"	"	"	"	
		6	210798	"	"	"	210372	"	"	"	"	"	
512-E56-131 /253-W	2	2	210807	210575	210445	205253	210373	201265B	202295	210361	210080	210083	154GDS #12
	2	3	210808	"	"	"	210503	"	"	" #8	"	"	
	2	4	210809	"	"	"	"	"	"	"	"	"	
514-E56-131 /253-W	2	2	210807	210575	210445	205253	210373	201265B	202295	210360	210080	210083	154GDS #12
	2	3	210808	"	"	"	210503	"	"	" #6	"	"	
	2	4	210809	"	"	"	"	"	"	"	"	"	
514-E56-132 /263-W	2	2	210803	210574	210445	201230C	210373	201265B	202295	210360	210080	210083	154GDS #12
	2	3	210804	"	"	"	210503	"	"	" #6	"	"	
	2	4	210805	"	"	"	"	"	"	"	"	"	
514-E56-133 /263-N	2	2	210803	210574	210445	201230C	210373	201265B	202295	210360	210080	210083	154GDS #12
	2	3	210804	"	"	"	210503	"	"	" #6	"	"	
	2	4	210805	"	"	"	"	"	"	"	"	"	
504-E56-134 /233-W		3	210786	210697	210443	202799	210370	201265B	202295	210359	210078	210081	154GAS #12
		4	210787	"	"	"	210371	"	"	" #4	"	"	
		5	210788	"	"	"	"	"	"	"	"	"	
		6	210789	"	"	"	210372	"	"	"	"	"	
504-E56-136 /253-W		3	211257	211263	210445	205252	210370	201265B	201127	210359	210078	210081	154GAS #12
		4	211258	"	"	"	210371	"	202295	" #4	"	"	
		5	211259	"	"	"	"	"	"	"	"	"	
		6	211260	"	"	"	210372	"	"	"	"	"	

COMMON GAUGE PARTS

201121A Upper knife
210354 Lower looper
210584 Presser foot uncurler

E56 GAUGE PARTS LIST (3)



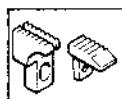
MACHINE TYPE /SPEC.	GAUGE NG SW	NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD		NEEDLE
					BODY	FINGER	FAB. GRD			(FRONT)	(REAR)	
505-E56-210 /223-N	2	210782	210569	210442	201152E	201155C	-----	202295	210359	210078	210081	154GAS
	3	210783	"	"	"	"	-----	"	" #4	"	"	#12
	4	210784	"	"	"	"	-----	"	"	"	"	
	5	210785	"	"	"	"	-----	"	"	"	"	
503-E56-211 /223-N	2	210782	210569	210442	201152E	201155C	-----	202295	210363	210078	210081	154GAS
	3	210783	"	"	"	"	-----	"	" #3	"	"	#12
	4	210784	"	"	"	"	-----	"	"	"	"	
	5	210785	"	"	"	"	-----	"	"	"	"	
503-E56-220 /233-W	3	210786	210568	210443	202799	210370	201265B	202295	210363	210078	210081	154GAS
	4	210787	"	"	"	210371	"	"	" #3	"	"	#12
	5	210788	"	"	"	"	"	"	"	"	"	
	6	210789	"	"	"	210372	"	"	"	"	"	
★ 503-E56-223 /203-W	5	211766	211773	-----	211769	211772	211770	211661	210363	210078	210081	154GAS
	6	211767	"	-----	"	"	"	"	" #3	"	"	#12
503-E56-226 /243-	5	301974	301723	210443	301724	210371	301725	202295	210363	210078	210081	154GAS
									#3			#14
503-E56-225 /293-	5	301718	301719	301722	301724	210371	301725	202295	210363	210078	210081	154GAS
									#3			#14
503-E56-230 /133-W	3	210760	210697	210443	202799	210761	201265B	210762	210362	210078	210081	154GAS
									#1			#18
503-E56-230 /233-W	3	210760	210697	210443	202799	210761	201265B	210762	210362	210078	210081	154GAS
									#1			#18
504-E56-231 /123-N	1.5	210934	211290	210442	201230C	205525	201265B	202295	210358	210078	210081	154GAS
									#2			#12
503-E56-231 /123-N	1.5	210934	211290	210442	201230C	205525	201265B	202295	210363	210078	210081	154GAS
									#3			#12
★ 504-E56-232 /100-W	1.5	211282	211286	211289	202786	205525	-----	201127	210358	210078	210081	154GAS
									#2			#12
504-E56-233 /102-W	1.5	211282	211283	211285	202786	205525	-----	201127	210358	210078	210081	154GAS
									#2			#12
★ 505-E56-234 /204-N	3	212274	211602	211604	211606	212273	-----	202295	210359	210078	210081	154GAS
	4	211601	"	"	"	211607	-----	"	" #4	"	"	#18

★ For E56-232, the presser foot uncurler is not fitted.
 For E56-223, the presser foot uncurler is #211600.
 For E56-234, the presser foot uncurler is #211608.

COMMON GAUGE PARTS

201121A Upper knife
 210354 Lower looper
 210584 Presser foot uncurler

E56 GAUGE PARTS LIST (4)



MACHINE TYPE /SPEC.	GAUGE NG SW		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD		NEEDLE
						BODY	FINGER	FAIR GRD			(FRONT)	(REAR)	
504-E56-242 /253-W		3	210799	210996	210959	205135	-----	-----	201127	210359	210078	210081	154GAS #12
		4	210800	"	"	"	-----	-----	202295	" #4	"	"	
		5	210801	"	"	205136	-----	-----	"	"	"	"	
		6	210802	"	"	"	-----	-----	"	"	"	"	
504-E56-242 /263-W		3	210795	210997	210959	205135	-----	-----	201127	210359	210078	210081	154GAS #12
		4	210796	"	"	"	-----	-----	202295	" #4	"	"	
		5	210797	"	"	205136	-----	-----	"	"	"	"	
		6	210798	"	"	"	-----	-----	"	"	"	"	
512-E56-243 /253-W	2	2	210807	210996	210959	205135	-----	-----	202295	210361	210080	210083	154GDS #12
	2	3	210808	"	"	205136	-----	-----	"	" #8	"	"	
	2	4	210809	"	"	"	-----	-----	"	"	"	"	
512-E56-243 /263-W	2	2	210803	210997	210959	205135	-----	-----	202295	210361	210080	210083	154GDS #12
	2	3	210804	"	"	205136	-----	-----	"	" #8	"	"	
	2	4	210805	"	"	"	-----	-----	"	"	"	"	
514-E56-243 /253-W	2	2	210807	210996	210959	205135	-----	-----	202295	210360	210080	210083	154GDS #12
	2	3	210808	"	"	205136	-----	-----	"	" #6	"	"	
	2	4	210809	"	"	"	-----	-----	"	"	"	"	
514-E56-243 /263-W	2	2	210803	210997	210959	205135	-----	-----	202295	210360	210080	210083	154GDS #12
	2	3	210804	"	"	205136	-----	-----	"	" #6	"	"	
	2	4	210805	"	"	"	-----	-----	"	"	"	"	
★ 521-E56-270 /100-N	0.8	1.5	211551	211539	211542	211448	211449	211557	202295	210358	210079	210082	154GFS #11
	0.8	2.4	211552	"	"	"	"	"	"	" #2	"	"	
	0.8	3.2	211553	"	"	"	211558	"	"	"	"	"	
	1.2	2	211554	"	"	"	211449	"	"	"	"	"	
505-E56-271 /100-N		1.6	211549	211539	211542	211448	211555	211557	202295	210358	210078	210081	154GAS #11
		2.4	211550	"	"	"	"	"	"	" #2	"	"	
★ 521-E56-272 /202-N	0.8	1.5	211546	211535-BF	211538-BF	211631	211632	211557	202295	210360	210079	210082	154GFS #11
	1.2	2	211547	"	"	"	"	"	"	" #6	"	"	
	1.2	3.6	211548	"	"	"	211633	"	"	"	"	"	

★ For these machines, the presser foot uncurler is #211600.
For E56-270 and -272, the lower spreader is #211559.

COMMON GAUGE PARTS

201121A Upper knife
210354 Lower looper
210584 Presser foot uncurler

NEEDLE SIZE AND UPPER LOOPER/SPREADER

Use Upper Loper/Spreader according to the needle size and stitch type as shown.

E56

Stitch type	Needle size	Standard lift	Low lift
		Part No.	Part No.
503	9-18	210363 (#3)	210362 (#1)
504	"	210359 (#4)	210358 (#2)
505	"	"	"
512	"	210361 (#8)	—
514	9-12	210360 (#6)	210358 (#2)
	13-18	"	—
521	9-12	210360 (#6)	210358 (#2)
	13-18	"	—

NEEDLE SIZE REFERENCE

Japan	U.S.A.	Germany
9	025	65
10	027	70
11	029	75
12	032	80
13		85
14	036	90
15		95
16	040	100
17	042	105
18	044	110
19	048	120
20	049	125
21		130

E32

Stitch type	Needle size	Standard lift	High lift	Extra-high lift
		Part No.	Part No.	Part No.
515	9-12	210512 (#21)	210515 (#27)	211845 (#29)
	13-16	210513 (#23)	210514 (#25)	"
	17-21	—	210513 (#23)	"
516	9-12	210364 (#22)	210366 (#26)	211719 (#38)
	13-16	210365 (#24)	210367 (#28)	"
	17-21	—	210365 (#24)	"

E52

Stitch type	Needle size	Standard lift	High lift	Extra-high lift
		Part No.	Part No.	Part No.
503	9-12	210512 (#21)	210515 (#27)	—
	13-16	210513 (#23)	210514 (#25)	—
	17-21	—	210513 (#23)	—
504 505	9-12	210364 (#22)	210366 (#26)	211719 (#38)
	13-16	210365 (#24)	210367 (#28)	"
	17-21	—	210365 (#24)	"
512	9-12	—	211507 (#36)	211844 (#42)
	13-16	—	210368 (#34)	"
514 (NG=2mm)	9-12	—	210365 (#24)	211719 (#38)
	13-16	—	210729 (#30)	—
	17-21	—	—	—
514 (NG=2.5mm)	9-12	—	210729 (#30)	—
	13-16	—	210730 (#32)	—
	17-21	—	—	—

For woolen yarn.
211720 (#40)

COMPONENT PARTS LIST FOR MAIN FEED DOG COMPLETE

		mm		mm
210568	210694	1.6	210449	1.6
210569	210438	1.6	204674	1.6
210569-BF	210438-BF	1.6	204674	1.6
210570	210438	1.6	208095	1.6
210571	210695	2.5	210449	1.6
210572	210439	2.5	204674	1.6
210573	210439	2.5	208095	1.6
210574	210440	1.6	204674	1.6
210574-BF	210440-BF	1.6	204674	1.6
210575	210440	1.6	208095	1.6
210576	210441	2.5	204674	1.6
210576-BF	210441-BF	2.5	204674	1.6
210577	210441	2.5	208095	1.6
210578	210486	1.0	204425	1.0
210579	210487	1.6	208060	1.6
210580	210488	1.0	210522	1.0
210581	210489	1.6	210502	1.6
210581-SH	210489-SH	1.6	210502	1.6
210582	210490	2.5	210502	1.6
210696	210694	1.6	204674	1.6
210696-BF	210694-BF	1.6	204674	1.6
210697	210694	1.6	208095	1.6
210697-BF	210694-BF	1.6	208095	1.6
210698	210695	2.5	204674	1.6
210699	210695	2.5	208095	1.6
210892	210887	1.25	210919	1.25
210893	210888	1.25	210891	1.25
210996	210958	1.6	208095	1.6
210997	210958	1.6	204674	1.6
211000	211006	1.6	210502	1.6
211001	211007	2.5	210502	1.6
211002	211008	1.6	210502	1.6
211003	210956	1.6	210502	1.6
211004	211009	2.5	210502	1.6
211005	211010	2.5	210502	1.6
211263	211261	1.6	208095	1.6
211263-BF	211261-BF	1.6	208095	1.6
211283	211284	1.25	211288	1.0
211286	211287	---	211288	1.0
211290	210438	1.6	208912	1.6
211290-BF	210438-BF	1.6	208912	1.6
211291	211284	1.25	211293	1.25
211291-BF	211284-BF	1.25	211293	1.25
211292	211284	1.25	204674	1.6
211292-BF	211284-BF	1.25	204674	1.6
211425	210694	1.6	211426	1.6
211535	211536	1.25	211537	1.25
211535-BF	211536-BF	1.25	211537	1.25
211539	211540	---	211541	---

Screw 5492

		mm		mm
211602	211603	2.0	211605	1.6
211887-BF	211888-BF	1.6	211889-BF	1.6
211927	211928	1.6	204674	1.6
211927-BF	211928-BF	1.6	204674	1.6
211968-BF	211970-BF	1.6	211972	1.6
211969-BF	211971-BF	1.6	211972	1.6
212065	212066	1.6	212067	1.6
212095-BF	210440-BF	1.6	212096-BF	1.6
212249	212251	1.6	208095	1.6
212249-BF	212251-BF	1.6	208095	1.6
212250	212251	1.6	204674	1.6
212250-BF	212251-BF	1.6	204674	1.6
212272	211284	1.25	212264	1.6
301379	210440	1.6	204677	1.6
301379-BF	210440-BF	1.6	204677	1.6
301719	301720	1.6	301721	1.6

Screw 549L

E SERIES MACHINE CLASSIFICATION

STITCH TYPE



MODEL



TYPE



SPECIFICATION



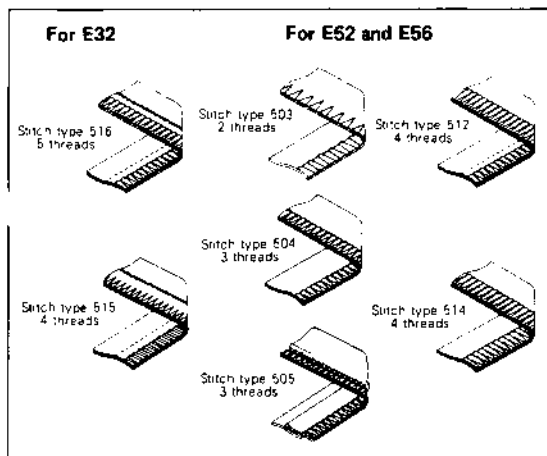
Machine model	
E32	Ultra-high speed, straight needle, safety stitch machine.
E52	Ultra-high speed, straight needle overedger.
E56	Ultra-high speed, curved needle overedger.

Seam type	
Code No.	Meaning
1	Plain seaming of E52 and E56
2	Other than plain seaming of E52 and E56.
4	Plain seaming of E32.
5	Other than plain seaming of E32.

Material thickness if D1 shows 'plain seaming'.	
Code No.	Meaning (examples)
1	Fine (panty-hose, P.P. shirt, blouse, handkerchief, etc.)
2 and 3	Light to medium (knit underwear, knit dress shirt, swim suit/trunks, sport shirts, etc.)
4	Heavy (sweater, double knit slacks, blanket, working wear, etc.)
5	Extra heavy (jeans, bulky sweaters, quilted coat, etc.)

Type of operation if D1 shows 'other than plain seaming'.	
Code No.	Meaning
1	Blindstitch hemming
2	Serging
3	Turn up/down hemming. Roll up/down hemming.
4	Shirring.
5	Attaching tape.
6	Attaching zipper.
7	Toe pressing
8	
9	Miscellaneous.

Sequence code	
Sequence numbers are used here as new machine becomes available	
Example	
Plain seaming on light to medium weight material	
130	
131	
132	



D1 denotes the special specifications of sewing within the same machine type. Case by case, D1 is assigned.

E52-250C	C indicates diff. feed ratio 1:3
E52-210C	
E32-...P1	P1 machines do not have the piping binder.
E52-...P2	P2 machines have the piping binder.
E32-410A	Keen curved seaming available.
E32-410B	A is the machine with the ordinary presser arm.
E32-420A	B is the machine with the floating presser arm.
E32-420B	

SPECIFICATION



Sewing capacity	
Sewing capacity means 'Sewing gauge' x 'Foot lift capacity'.	
Code No.	Meaning
1	4x3mm (low lift)
2	5x5mm (standard lift)
3	6x6mm (high lift)
4	7x7mm (extra high lift)

Needle plate type	
The needle plate type is coded by the number and the width of feed rows, and the chaining-land.	
Chaining-land: No	
Chaining-land: Yes	
Code No.	Meaning
0	1-row or plain feed
1	2N (2-row Narrow)
2	2N (2-row Narrow)
3	2W (2-row Wide)
4	2W (2-row Wide)
5	3N (3-row Narrow)
6	3N (3-row Narrow)
7	3W (3-row Wide)
8	3W (3-row Wide)
9	Special

Feed dog tooth pitch	
Feed dog tooth pitch	
Code No.	Meaning
0	Rubber coated or special
1	1.0mm tooth pitch
2	1.25mm tooth pitch
3	1.6mm tooth pitch
4	2.0mm tooth pitch
5	2.5mm tooth pitch
6	3.0mm tooth pitch

Sewing gauge	
The sewing gauge is "the seam width" for 1-needle machine, and "the needle gauge x the seam width" for 2-needle machine.	
Note: In case of E52 and E56, the type of Cloth Plate is also shown here. N: Narrow cloth plate W: Wide cloth plate	
Example 353-W3 → 3mm seam width → Wide cloth plate	

EXAMPLE	
515	Stitch type 515.
E32	Machine model is E32.
430	Plain seaming on medium heavy materials.
233	Standard lift. (Sewing capacity is standard.)
3X3	Needle plate type is 2-row wide with chaining-land.
	Tooth pitch is 1.6mm.
	Sewing gauge is 3x3mm.

E SERIES MACHINE CLASSIFICATION

MODEL TYPE STITCH TYPE SPECIFICATION

E ○ ○ - D₁ D₂ D₃ D₄ / ○ ○ ○ - ○ ○ ○ - ○ ○ ○

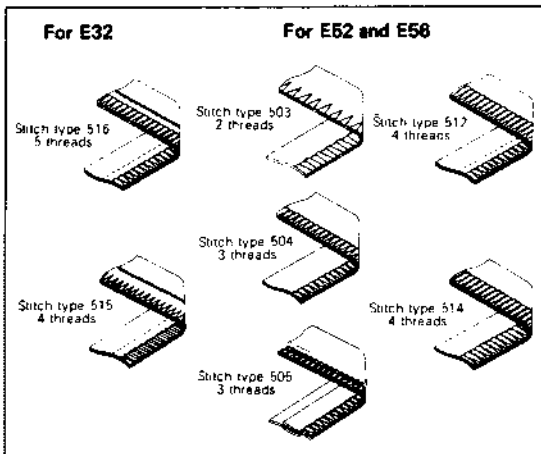
Machine model	
E32	Ultra-high speed, straight needle, safety stitch machine.
E52	Ultra-high speed, straight needle overedger.
E56	Ultra-high speed, curved needle overedger.

Seam type	
Code No.	Meaning
1	Plain seaming of E52 and E56
2	Other than plain seaming of E52 and E56.
4	Plain seaming of E32.
5	Other than plain seaming of E32.

Material thickness if D1 shows 'plain seaming'.	
Code No.	Meaning (examples)
1	Fine (panty-hose, P.P. shirt, blouse, handkerchief, etc.)
2 and 3	Light to medium (knit underwear, knit dress shirt, swim suit/trunks, sport shirts, etc.)
4	Heavy (sweater, double knit slacks, blanket, working wear, etc.)
5	Extra heavy (jeans, bulky sweaters, quilted coat, etc.)

Type of operation if D1 shows 'other than plain seaming'.	
Code No.	Meaning
1	Blindstitch hemming
2	Serging
3	Turn up/down hemming
4	Shirring.
5	Attaching tape.
6	Attaching zipper.
7	Toe closing.
8	
9	Miscellaneous.

Sequence code	
Sequence numbers are used here as new machine becomes available	
Example	
Plain seaming on light to medium weight material	
130	
131	
132	



D₁ denotes the special specifications of sewing within the same machine type. Case by case. D₄ is assigned

E52-250C	C indicates diff. feed ratio 1:3.
E52-210C	
E32 ... P1	P1 machines do not have the piping binder.
E52 ... P2	P2 machines have the piping binder.
E32-410A	Keen curved seaming available.
E32-410B	A is the machine with the ordinary presser arm.
E32-420A	B is the machine with the floating presser arm.
E32-420B	

STITCH TYPE SPECIFICATION

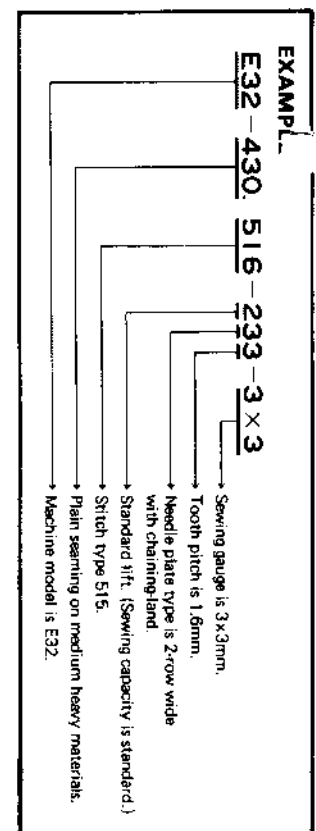
○ ○ ○ - ○ ○ ○ - ○ ○ ○

Sewing capacity	
Sewing capacity means 'Sewing gauge' x 'Foot lift capacity'.	
Code No.	Meaning
1	4x3mm (low lift)
2	5x5mm (standard lift)
3	6x6mm (high lift)
4	7x7mm (extra high lift)

Needle plate type	
The needle plate type is coded by the number and the width of feed rows, and the chaining-land.	
Chaining-land; No	
	
Chaining-land; Yes	
	
Code No.	Meaning
	No. of rows
0	1-row or plain feed
1	2N (2-row Narrow)
2	2N (2-row Narrow)
3	2W (2-row Wide)
4	2W (2-row Wide)
5	3N (3-row Narrow)
6	3N (3-row Narrow)
7	3W (3-row Wide)
8	3W (3-row Wide)
9	Special

Feed dog tooth pitch	
Feed dog tooth pitch	
Code No.	Meaning
0	Rubber coated or special
1	1.0mm tooth pitch
2	1.25mm tooth pitch
3	1.6mm tooth pitch
4	2.0mm tooth pitch
5	2.5mm tooth pitch
6	3.0mm tooth pitch

Sewing gauge	
The sewing gauge is "the seam width" for 1-needle machine, and "the needle gauge x the seam width" for 2-needle machine.	
A: Seam width	
A: Seam width B: Needle gauge	
Note: In case of E52 and E56, the type of Cloth Plate is also shown here. N: Narrow cloth plate W: Wide cloth plate	
Example 353-W3	
3mm seam width	
Wide cloth plate	



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127	77 13	413	49 26	2022-4	23 34	4805	53 14	5117	13 20
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131	77 18	413	49 48	2133-1	31 17	4818	57 15	5117	15 18
132	77 3	413	57 18	2133-1	35 14	4818	59 18	5117	15 20
135A	77 4	413	59 21	2193	19 39	4904	75 12	5117	17 16
152	77 16	413	59 37	2193	23 42	4905	75 16	5117	17 18
153	77 17	467	53 18	2193	29 5	4908	49 25	5117	17 20
178	77 5	468	53 20	2193	33 32	4908	57 17	5117	29 38
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189	53 12	1174	5 18	2193	47 6	4911	53 10	5117	33 35
200	77 12	1174	63 4	2193	59 4	4913	73 34	5117	35 23
233-FA	73 20	1174	63 14	2193	59 30	5002	13 35	5117	39 10
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283	77 7	1175-2	31 41	2430	55 32	5010	7 27	5118	43 12
284	77 8	1175-3	7 19	2902	19 46	5012	5 13	5118	47 21
285	77 9	1175-3	13 18	2902	23 55	5012	7 59	5118	47 53
293	73 23	1175-3	15 16	2902	31 48	5012	21 30	5133	39 58
322	77 10	1175-3	15 47	2902	33 6	5022	11 15	5138B	39 52
326	77 2	1175-3	17 57	2905	5 31	5029	9 6	5142	47 17
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339	53 21	1196	59 29	2905	17 14	5029	47 44	5157	55 31
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343	53 19	1202	15 49	2905	29 48	5050	9 33	5184	43 4
344	53 9	1202	41 4	2905	39 50	5053	7 57	5198	7 4
369-FD	73	1202	41 9	2905	53 7	5053	43 8	5205	31 46
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371-FD	73	1202	49 13	2905	55 33	5057	55 29	5210	49 29
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379-FD	73 29	1216	7 51	2921	37 49	5077	49 8	5292	7 43
380	73 9	1216	27 35	2921	49 6	5078	3 3	5292	11 19
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385-FD	73 1	1229	15 23	2922	63 36	5082A	23 8	5292	15 31
386	73 36	1229	69 29	3044	5 17	5082A	47 49	5292	21 10
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403	49 34	1234	27 41	3091	5 19	5082A	71 12	5292	35 12
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403	57 7	1234	47 56	3091	37 41	5084	25 14	5292	47 41
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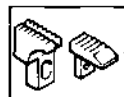
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211766	154	211926	51 20	301723	154				
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211767	154	211926	65 16	301724	154				
211767	159	211927	156	301724	159				
211768	154	211929	156	301725	154				
211769	159	211930	156	301725	159				
211770	159	211931	63 35	301974	154				
211772	154	211941	63 34	301974	159				
211772	159	211946	57 6	303067	53 13				
211773	154	211946	57 28	303312A	55 22				
211773	159	211946	59 9	303313	55 23				
211794	65 30	211946	59 35	303718	154				
211802	29 10	211949	59 22	306468-FD	73 33				
211804	7 58	211949	59 38						
211804	29 11	211951	59 39						
211804	156	211958	7 13						
211805	69 26	211959-HD	7 11						
211805	71 3	211974	152						
211805	71 20	211974	157						
211805	71 25	211986	152						
211805	156	211986	157						
211806	156	211987	152						
211808	69 31	211987	157						
211820	156	211991	154						
211821	156	211993	154						
211822	156	211994	154						
211823	59 1	211995	21 21						
211823	59 27	212028	31 1						

E52 GAUGE PARTS LIST (6)

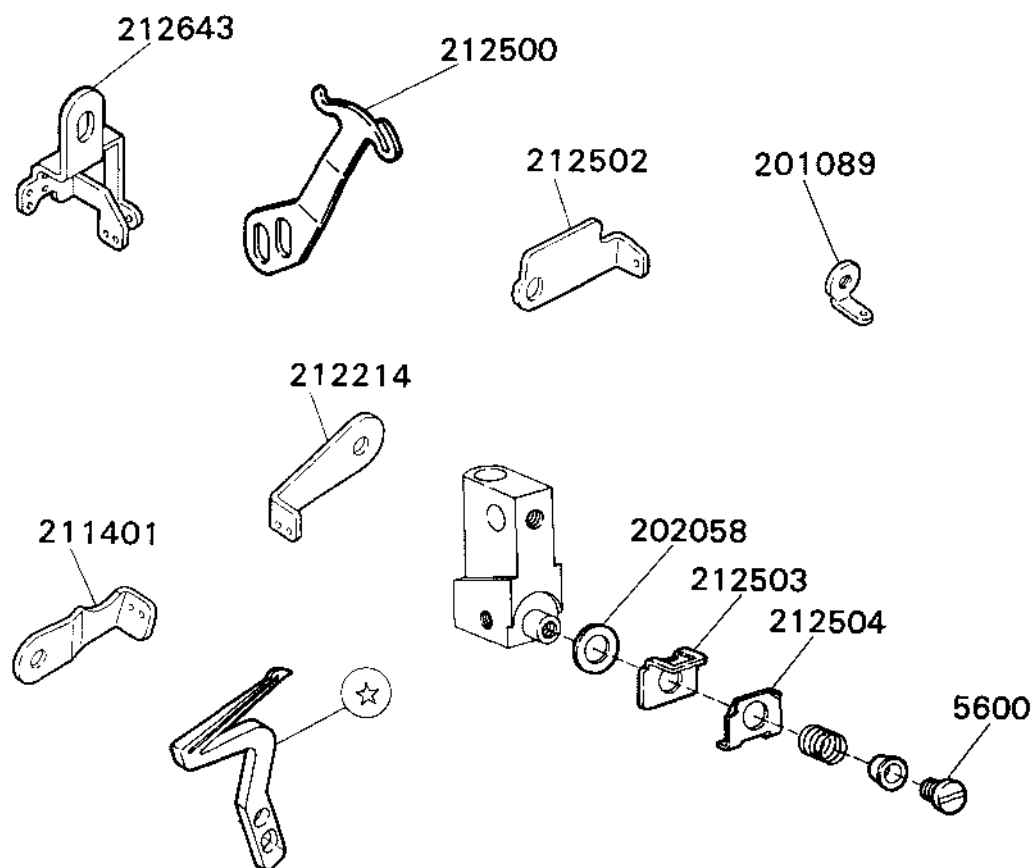


MACHINE TYPE / SPEC.	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			LOWER KNIFE	UPPER LOOPER	NEEDLE GUARD		NEEDLE HOLDER	NEEDLE
	NG	SW				BODY	FINGER	FAB. GRD			(FRONT)	(REAR)		
514-E52-253 /493-W	2	3	212730-30	212733-16	212735-16	209386	210503	-----	202295	211720	210252	210724	211360	DCX27
	2	4	" -40	"	"	"	210374	-----	"	" #40	"	"	"	#11
	2	5	" -50	"	"	"	"	-----	"	"	"	"	"	
	2.5	2.5	212731-25	"	"	"	210375	-----	"	"	210253	"	211361	
	2.5	3.5	" -35	"	"	"	"	-----	"	"	"	"	"	
	2.5	4.5	" -45	"	"	"	210376	-----	"	"	"	"	"	
	3	4	212774-40	"	"	"	"	-----	"	"	210254	"	211362	
3	5	" -50	"	"	"	"	-----	"	"	"	"	"		
512-E52-253 /493-W	2	3	212730-30	212733-16	212735-16	209386	210503	-----	202295	211844	210252	210724	211360	DCX27
	2	4	" -40	"	"	"	210374	-----	"	" #42	"	"	"	#11
	2	5	" -50	"	"	"	"	-----	"	"	"	"	"	
	2.5	2.5	212731-25	"	"	"	210375	-----	"	"	210253	"	211361	
	2.5	3.5	" -35	"	"	"	"	-----	"	"	"	"	"	
	2.5	4.5	" -45	"	"	"	210376	-----	"	"	"	"	"	
	3	4	212774-40	"	"	"	"	-----	"	"	210254	"	211362	
3	5	" -50	"	"	"	"	-----	"	"	"	"	"		
514-E52-253K /493-W	2	3	212730-30	212733-16	212735-16	209386	210503	-----	202295	211720	210252	210724	211360	DCX27
	2	4	" -40	"	"	"	210374	-----	"	" #40	"	"	"	#11
	2	5	" -50	"	"	"	"	-----	"	"	"	"	"	
	2.5	2.5	212731-25	"	"	"	210375	-----	"	"	210253	"	211361	
	2.5	3.5	" -35	"	"	"	"	-----	"	"	"	"	"	
	2.5	4.5	" -45	"	"	"	210376	-----	"	"	"	"	"	
	3	4	212774-40	"	"	"	"	-----	"	"	210254	"	211362	
3	5	" -50	"	"	"	"	-----	"	"	"	"	"		
512-E52-253K /493-W	2	3	212730-30	212733-16	212735-16	209386	210503	-----	202295	211844	210252	210724	211360	DCX27
	2	4	" -40	"	"	"	210374	-----	"	" #42	"	"	"	#11
	2	5	" -50	"	"	"	"	-----	"	"	"	"	"	
	2.5	2.5	212731-25	"	"	"	210375	-----	"	"	210253	"	211361	
	2.5	3.5	" -35	"	"	"	"	-----	"	"	"	"	"	
	2.5	4.5	" -45	"	"	"	210376	-----	"	"	"	"	"	
	3	4	212774-40	"	"	"	"	-----	"	"	210254	"	211362	
3	5	" -50	"	"	"	"	-----	"	"	"	"	"		

201121A (514, 512-E52-253) Upper knife
 211771 (514, 512-E52-253K) "
 210356 (512-E52-253, 253K) Lower looper
 211651 (514-E52-253, 253K) "

COMMON GAUGE PARTS
 211600 Presser foot uncurler

2-needle E52 M-line machines
manufactured from March, 1984;
the starting series number #7649832



PLEASE NOTE:

☆This is one of the gauge parts. Please confirm the correct part by the lists on pages 152~156.