

Pfaff

Mause Spezial 9656 A

PFAFF

MAUSER SPEZIAL

9656 A

Teileliste

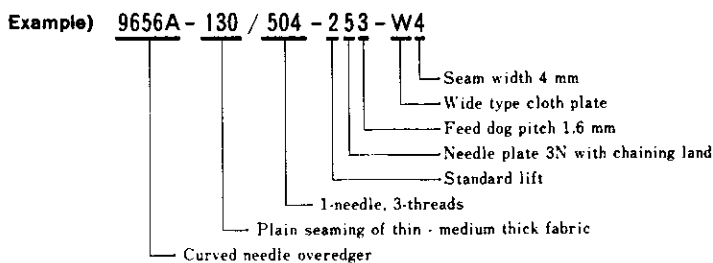
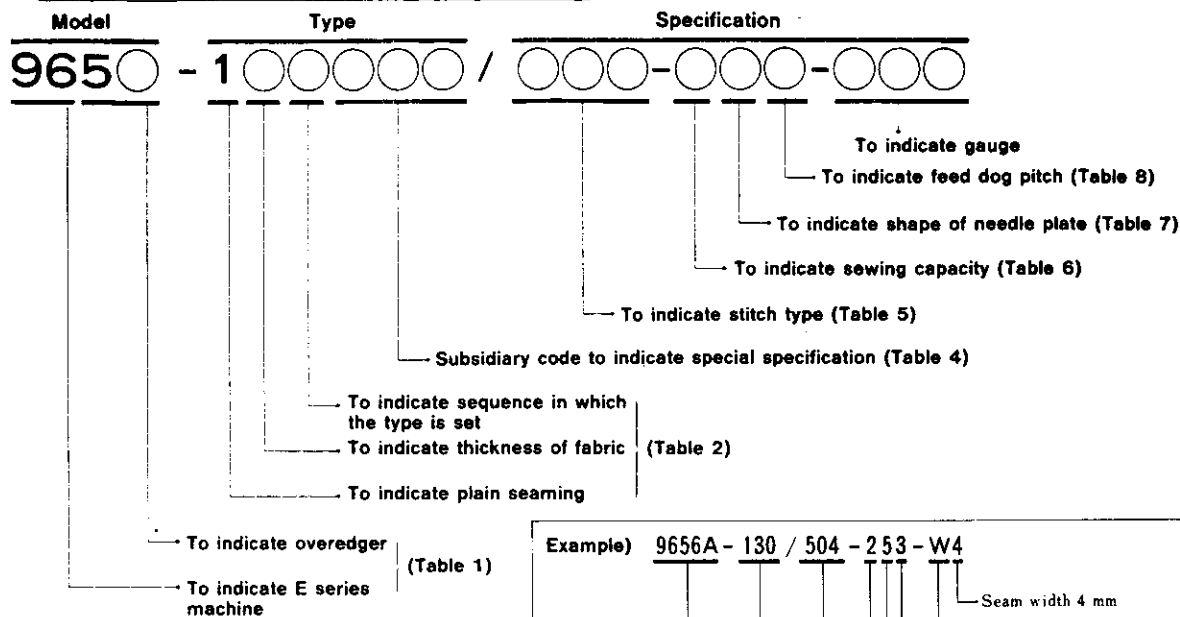
List of parts

Liste de pièces

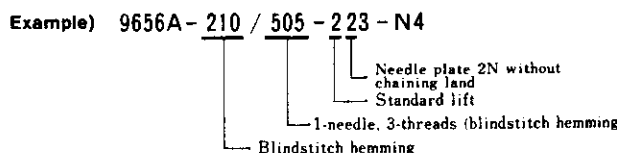
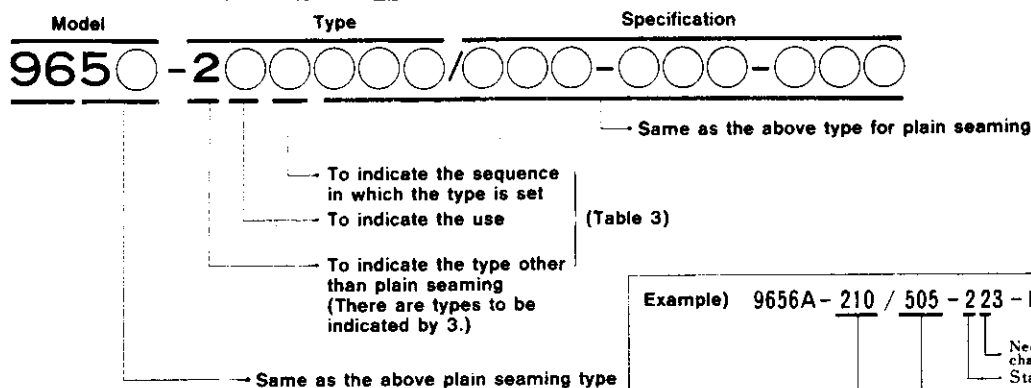
Lista de piezas

TYPE INDICATION METHOD FOR 9652, 9651, 9656A, AND 9656

Indication Method for Plain Seaming Type

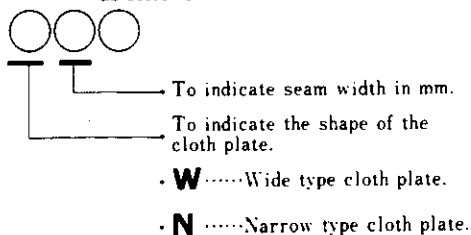


Indication Method for Type Other Than Plain Seaming

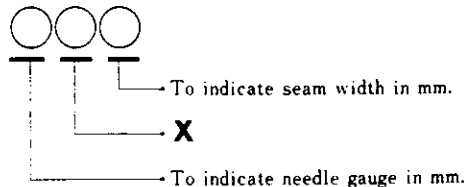


Method of Indicating Gauge

1-needle: Using two figures, indication is made, as follows:



2-needle: Using three figures, indication is made, as follows:



Code No. and Meaning of Model**Table 1**

Code No.	Meaning
9652	Straight needle overedger (standard type)
9651	Straight needle overedger (cylinder type)
9656A	Curved needle overedger (standard type)
9656	Curved needle overedger (old type)

Code No. and Meaning of Plain Seaming Type**Table 2**

Code No.	Meaning
11○	Plain seaming of extra-light weight fabric
12○	Plain seaming of light to medium weight fabrics
13○	Plain seaming of light to medium weight fabrics
14○	Plain seaming of heavy weight fabric
15○	Plain seaming of extra-heavy weight fabric
18○	Babk-latching
19○	Special (cup-seaming)

Code No. and Meaning of Type Other Than Plain Seaming**Table 3**

Code No.	Meaning
21○	Blindstitch hemming
22○	Serging
23○	Turn-down hemming
24○	Shirring
25○	Tape inserting
26○	Zipper attaching
27○	Toe-closing
28○	—
29○	Special (lace runner)
35○	Piping

Type Subsidiary Code No. and Meaning Table 4

Code No.	Meaning
T	Parts for stretchable thread chainare used.
P2	Piping binder is attached.
P1	Piping binder is attachable. (Piping binder is available on order.)
M	High lift type 2-needle machine
F1	Floating presser arm is used. (differs in presser arm)
K	Angled upper knife is used. (differs in upper knife)
Z	DC x 1 (needle) is used. (differs in needle)
C	Differential ratio 1 : 3 (differs in differential ratio)

(Note) When there are combined more than two of the above special specifications, the above subsidiary code Nos. are indicated in plurality, using two or three figures. (Example: MP2, MC, etc.)

Code No. and Meaning of Seam Type Table

Code No.	Meaning
504	1-needle, 3-thread
505	1-needle, 3-thread (blindstitch hemming)
503	1-needle, 2-thread (serging)
512	2-needle, mock-safety stitch
514	2-needle, 514 stitch

Code No. and Meaning of Sewing Capacity**Table**

Code No.	Meaning
1	Low lift
2	Standard lift
3	High lift
4	Extra-high lift

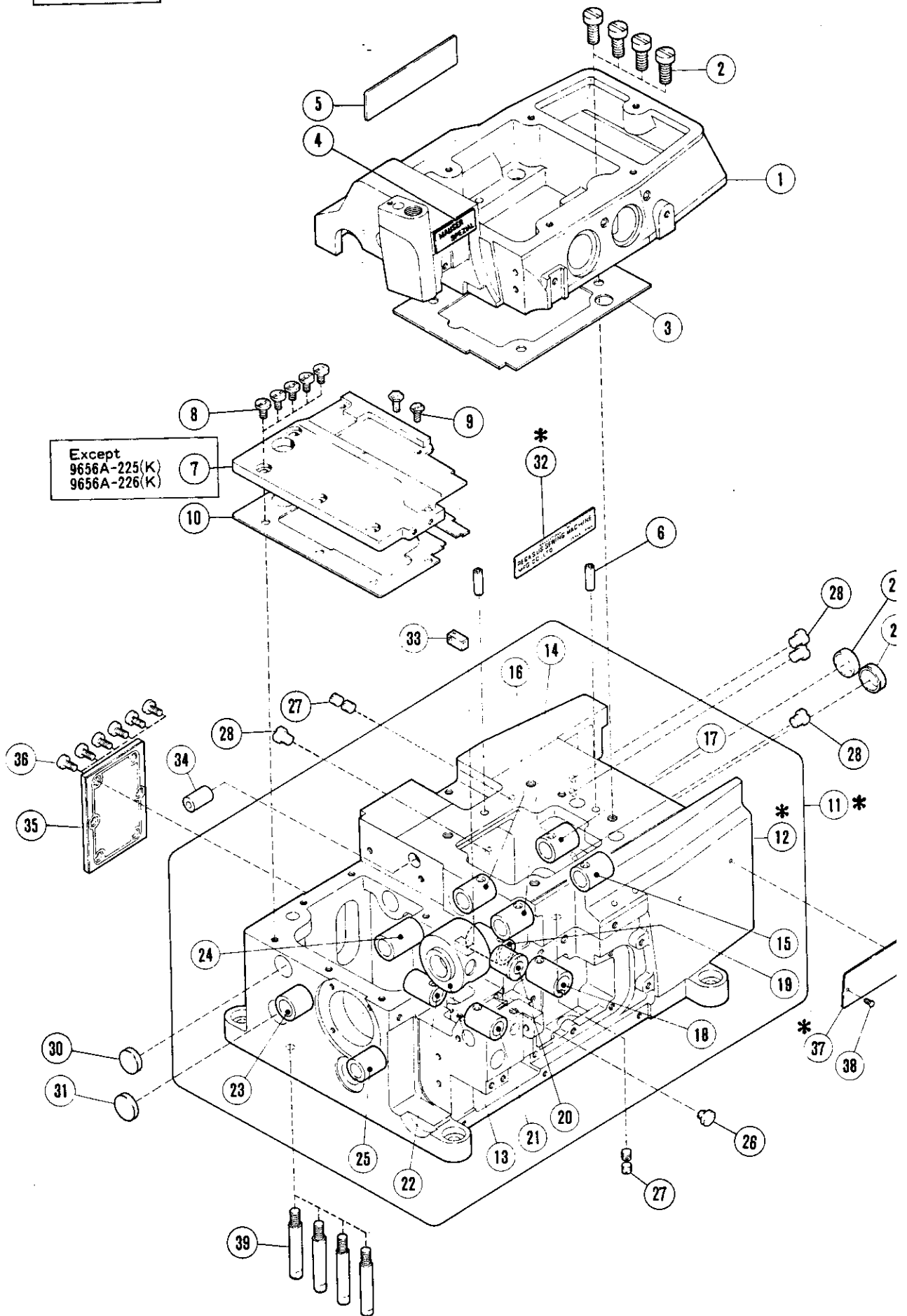
Code No. and Meaning of Needle Plate Table

Code No.	Meaning
0	1-row or plain
1	With 2N chaining land
2	Without 2N chaining land
3	With 2W chaining land
4	Without 2W chaining land
5	With 3N chaining land
6	Without 3N chaining land
7	With 3W chaining land
8	Without 3W chaining land
9	Special type

Code No. and Meaning of Feed Dog Pitch Table

Code No.	Meaning
0	With rubber, special
1	Feed dog pitch 1.0 mm
2	Feed dog pitch 1.25 mm
3	Feed dog pitch 1.6 mm
4	Feed dog pitch 2.0 mm
5	Feed dog pitch 2.5 mm
6	Feed dog pitch 3.0 mm

(EXAMPLE)



HOW TO READ THE LIST (EXAMPLE)

MACHINE BED FRAME

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	212802-CD	09-009827-04	MACHINE ARM (LEFT) ASSEMBLY	1
2	5078	09-009053-69	SCREW	4
Old parts number Meaning of code Qt. Day Month 00: Interchangeable: (non-interchangeable) 01: Interchangeable: (interchangeable) 02: Interchangeable as a set.: (Interchangeable) 09: Others 10: Abolition (Old Ref. No. is blanked) 11: Modification 15: Correction				
29	210003	09-009613-03	PLUG	2
*	204828	09-009602-26	PLUG	11 2 24
34	210583	09-009617-41	PIPE	1
35	210005	09-009613-04	COVER PLATE	1
36	5117	09-009053-88	SCREW	6
*	5459		SCREW	11 6
*37	212281A	09-009824-91	TYPE PLATE	1
38	210679	09-009617-74	PIN	2
39	204006	09-009601-82	BED PIN	4
70				

After Ref. No. 70 is additional parts.

A c h t u n g !

Ersatzteile bitte nur mit den im
Index aufgeführten **PFAFF-NUMMERN**
Bestelllen (siehe Seiten 67 bis 71).

I m p o r t a n t !

Veuillez commander les pièces de
rechange uniquement avec leur
référence complète précisée à
l'index (pages 67 à 71).

I m p o r t a n t n o t e :

For spare part orders please only
use the **PFAFF-NUMBERS** listed in
the index (pages 67 to 71).

A t e n c i o n !

Sírvanse hacer sus pedidos sólo
con los **NUMEROS-PFAFF** indicados
en el indice (véanse las
páginas 67 à 71).

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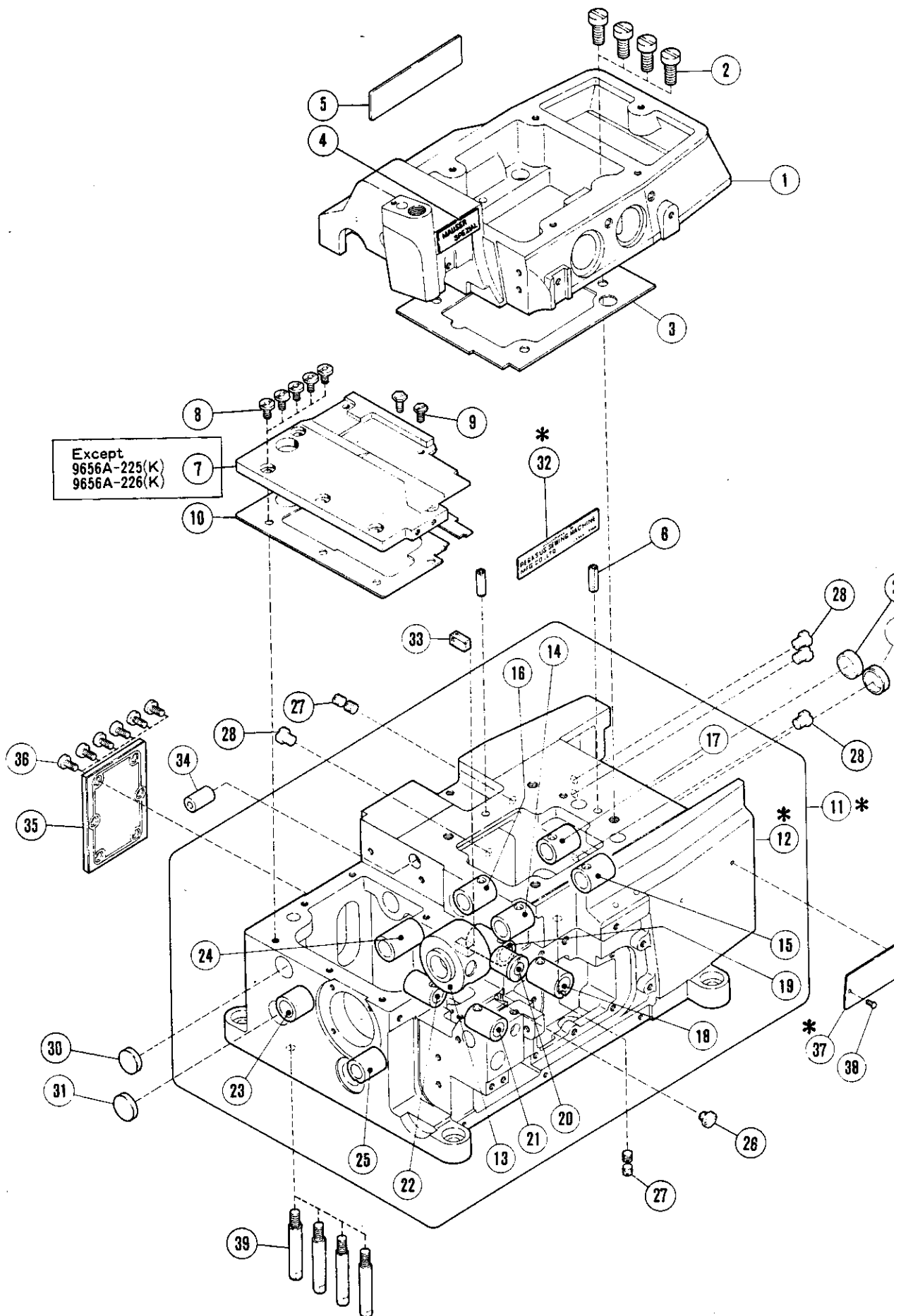
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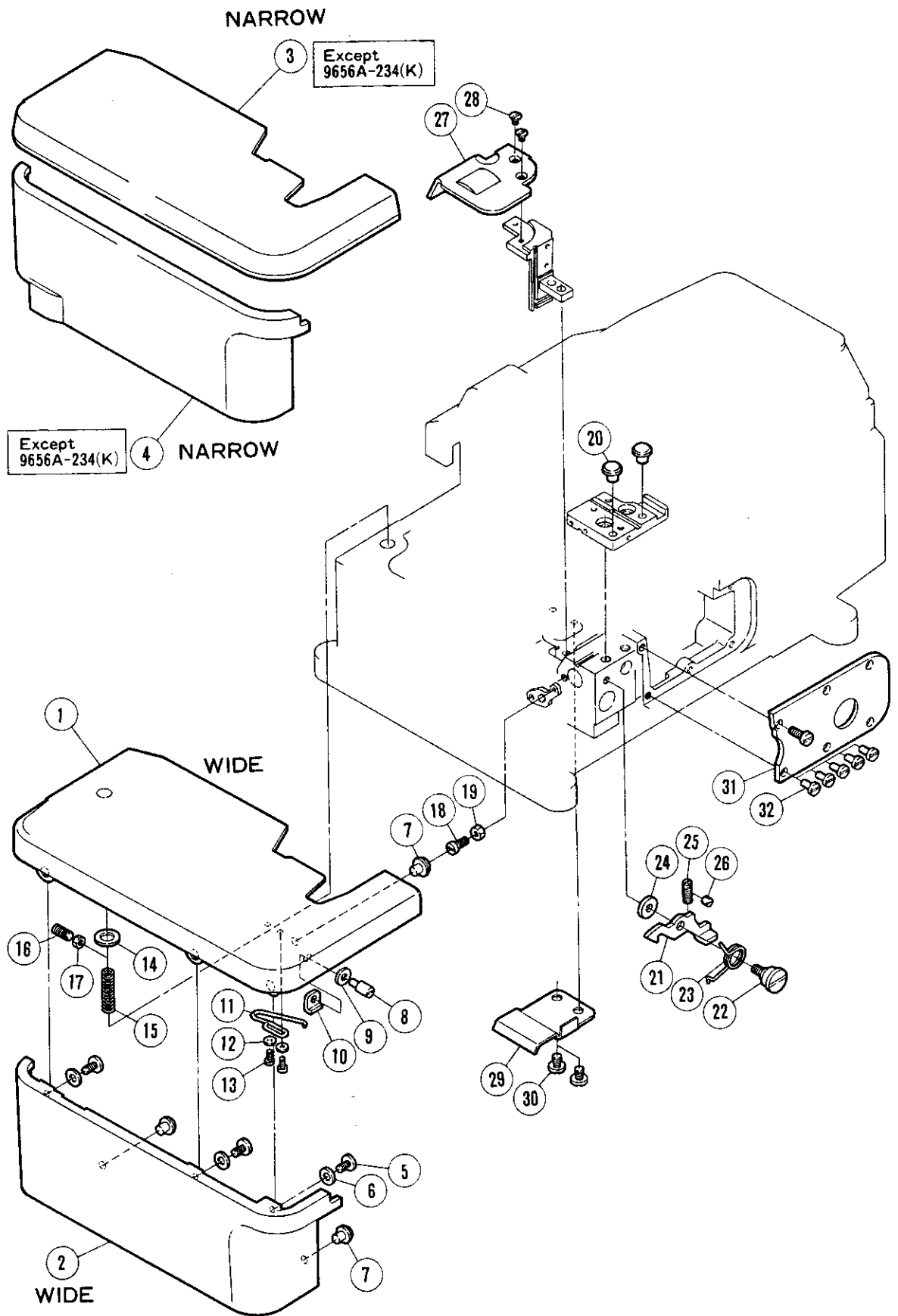
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MACHINE BED FRAME

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	212802-CD	09-009827-04	MACHINE ARM (LEFT) ASSEMBLY	1
2	5078	09-009053-69	SCREW	4
3	210002	09-009613-02	GASKET	1
4	205724	91-179361-95	NAME PLATE	1
5	210527	91-179364-95	NAME PLATE	1
6	201002	09-009601-58	PIN	2
7	210008	09-009613-07	COVER PLATE	1
8	4009-1	09-009053-53	SCREW	5
*	5458	09-009829-09	SCREW	11 5
9	5482	09-009612-49	SCREW	2
10	210009	09-009613-08	GASKET	1
*11	210000-CD	09-009829-59	MACHINE BED COMPLETE	1
*12	212328-CD	09-009829-96	MACHINE BED	1
13	211533	09-009733-15	BUSHING	1
14	210068	09-009613-55	BUSHING	1
15	210067	09-009613-54	BUSHING	1
16	210068	09-009613-55	BUSHING	1
17	210067	09-009613-54	BUSHING	1
18	210101	09-009613-80	BUSHING	1
19	210102	09-009613-81	BUSHING	1
20	210110	09-009613-89	BUSHING	1
21	210124	09-009614-01	BUSHING	1
22	210125	09-009614-02	BUSHING	1
23	210143	09-009614-18	BUSHING	1
24	210102	09-009613-81	BUSHING	1
25	210164	09-009614-36	BUSHING	1
26	5434	09-009612-39	SCREW	1
27	2913-1	09-009054-67	SCREW	4
28	5332	09-009601-18	SCREW	4
29	210003	09-009613-03	PLUG	2
*	204828	09-009602-26	PLUG	11 2 2406
30	208173	09-009604-72	PLUG	1
31	210003	09-009613-03	PLUG	1
*32	202526	09-009601-69	NAME PLATE	1
33	210010	09-009613-09	OIL SHIELD	1
34	210583	09-009617-41	PIPE	1
35	210005	09-009613-04	COVER PLATE	1
36	5117	09-009053-88	SCREW	6
*	5459	09-009830-32	SCREW	11 6
*37	212281A	09-009824-91	TYPE PLATE	1
38	210679	09-009617-74	PIN	2
39	204006	09-009601-82	BED PIN	4

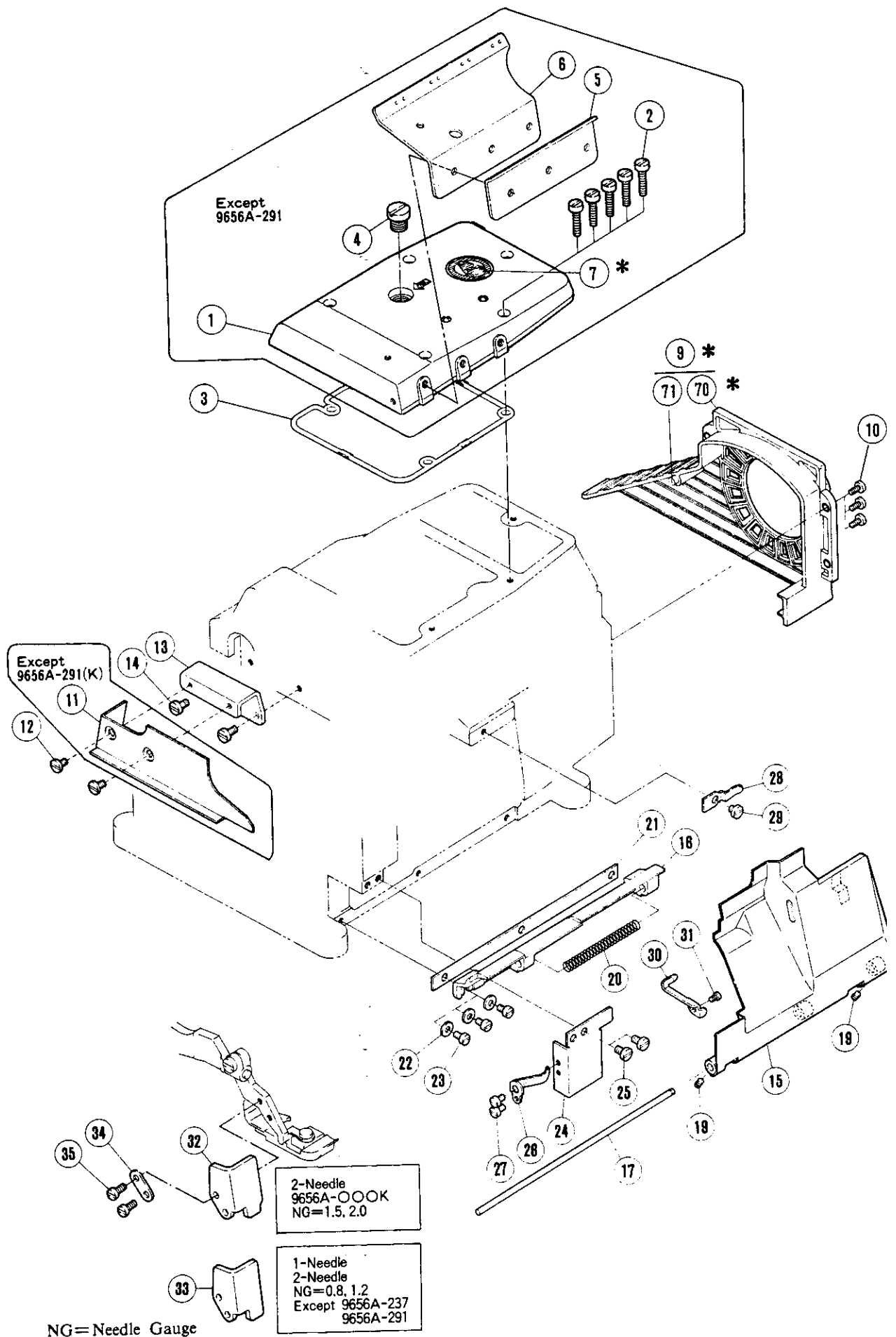
From the library of: Diamond Needle Corp



COVERS(1)

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	210883	09-009618-42	CLOTH PLATE(WIDE)	1
2	210027-CB	09-009824-75	SIDE COVER (WIDE)	1
3	210881	09-009618-41	CLOTH PLATE (NARROW)	1
4	210026-CB	09-009824-87	SIDE COVER (NARROW)	1
5	4009-1	09-009053-53	SCREW	3
6	202058	09-009601-63	WASHER	3
7	210025	09-009613-16	CUSHION	3
8	210022	09-009613-13	SCREW	1
9	137906	09-009048-42	WASHER	1
10	211300	09-009732-85	NUT	1
11	210024	09-009613-15	SPRING	1
12	202875	09-009601-76	WASHER	2
13	5012	09-009065-32	SCREW	2
14	210020	09-009613-12	WASHER	1
15	192130	09-009612-66	SPRING	1
16	5483	09-009612-50	SCREW	1
17	3044	09-009053-49	NUT	1
18	1174	09-009067-44	SCREW	1
19	3091	09-009053-50	NUT	1
20	210025	09-009613-16	CUSHION	2
21	210021	09-009618-04	LATCH	1
22	5488	09-009612-55	SCREW	1
23	210023	09-009613-14	SPRING	1
24	208245	09-009612-96	WASHER	1
25	1435	09-009048-63	SCREW	1
26	1459	09-009053-73	SCREW	1
27	210006	09-009613-05	COVER/FEED ECCENTRIC	1
28	5480	09-009612-47	SCREW	2
29	210007	09-009613-06	FEED BAR COVER	1
30	2905	09-009823-33	SCREW	2
31	210117	09-009613-95	UPPER LOOPER HOLDER COVER	1
32	4009-1	09-009053-53	SCREW	5
*	5458	09-009829-09	SCREW	11 5

Notice) Parts with mark * are not for sale.



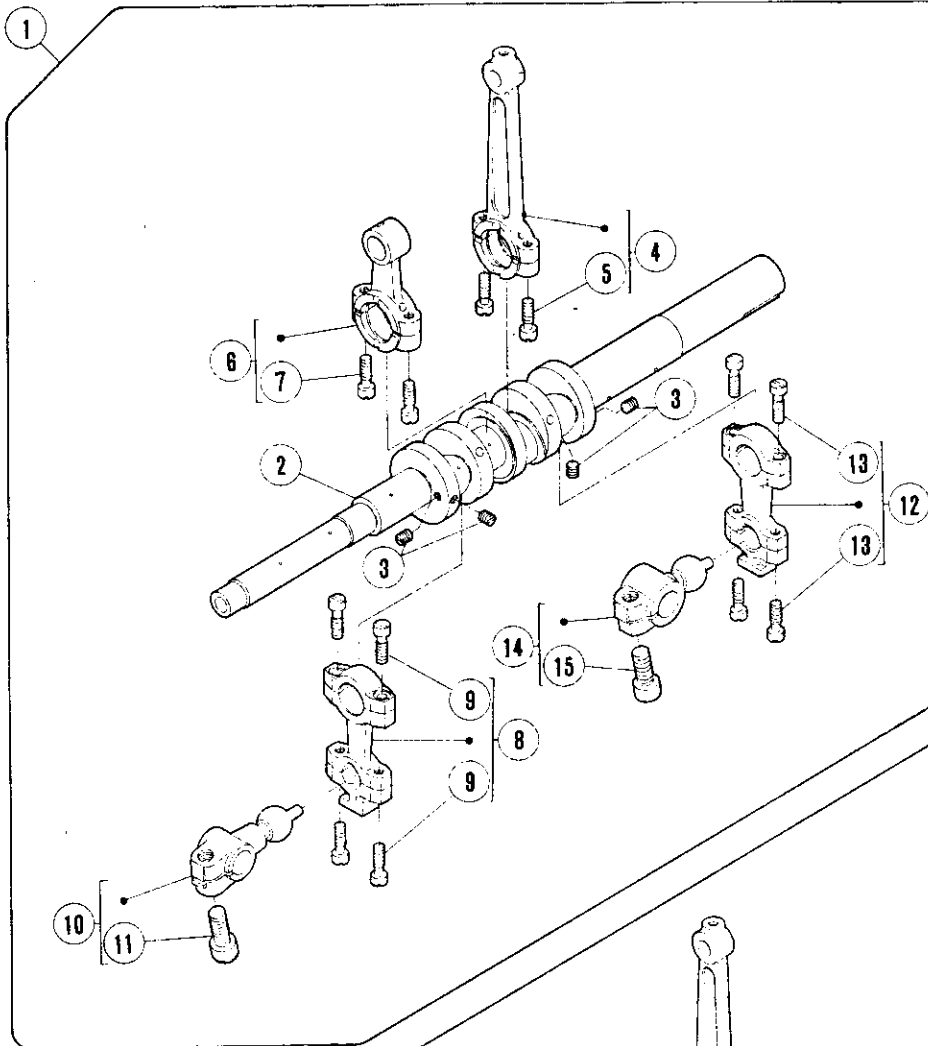
COVERS(2)

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	211799-CD	09-009813-16	TOP COVER	1
2	5095	09-009053-83	SCREW	5
3	210035	09-009613-27	O RING	1
4	5198	09-009054-04	SCREW	1
5	211800	09-009804-39	TENSION GUIDE	1
6	211801	09-009804-37	THREAD TENSION COMPLETE	1
* 7	211313	09-009820-19	NAME PLATE	1
8				
* 9	210028-CD	09-009815-10	BELT COVER	1
10	5117	09-009053-88	SCREW	3
11	210032	09-009613-24	FABRIC GUARD	1
12	2905	09-009823-33	SCREW	2
13	210033	09-009613-25	BRACKET/FABRIC GUARD	1
14	5117	09-009053-88	SCREW	2
15	210041	09-009613-30	FRONT COVER ASSEMBLY	1
16	210042	09-009613-31	HINGE/FRONT COVER	1
17	208009	09-009070-87	PIN	1
18	200555	09-009071-03	RING	1
19	5292	09-009064-89	SCREW	2
20	210043	09-009613-32	SPRING	1
21	210047	09-009613-36	GASKET	1
22	137906	09-009048-42	WASHER	3
23	1202	09-009048-17	SCREW	3
24	210046	09-009613-35	GUIDE/FRONT COVER	1
25	4009-1	09-009053-53	SCREW	2
* 25	5458	09-009829-09	SCREW	11 2
26	210045	09-009613-34	FLAT SPRING	1
27	1216	09-009048-20	SCREW	2
28	210044	09-009613-33	FLAT SPRING	1
29	2905	09-009823-33	SCREW	1
30	211804	09-009733-33	STOPPER	1
31	5012	09-009065-32	SCREW	1
32	212808	09-009815-55	EYE GUARD	1
33	212808A	09-009815-56	EYE GUARD	1
34	212807	09-009815-57	WASHER	1
35	2922	09-009065-38	SCREW	2
*70	212955-CB	09-009827-10	BELT COVER	1
71	200697	09-009826-66	CUSHION RUBBER	1

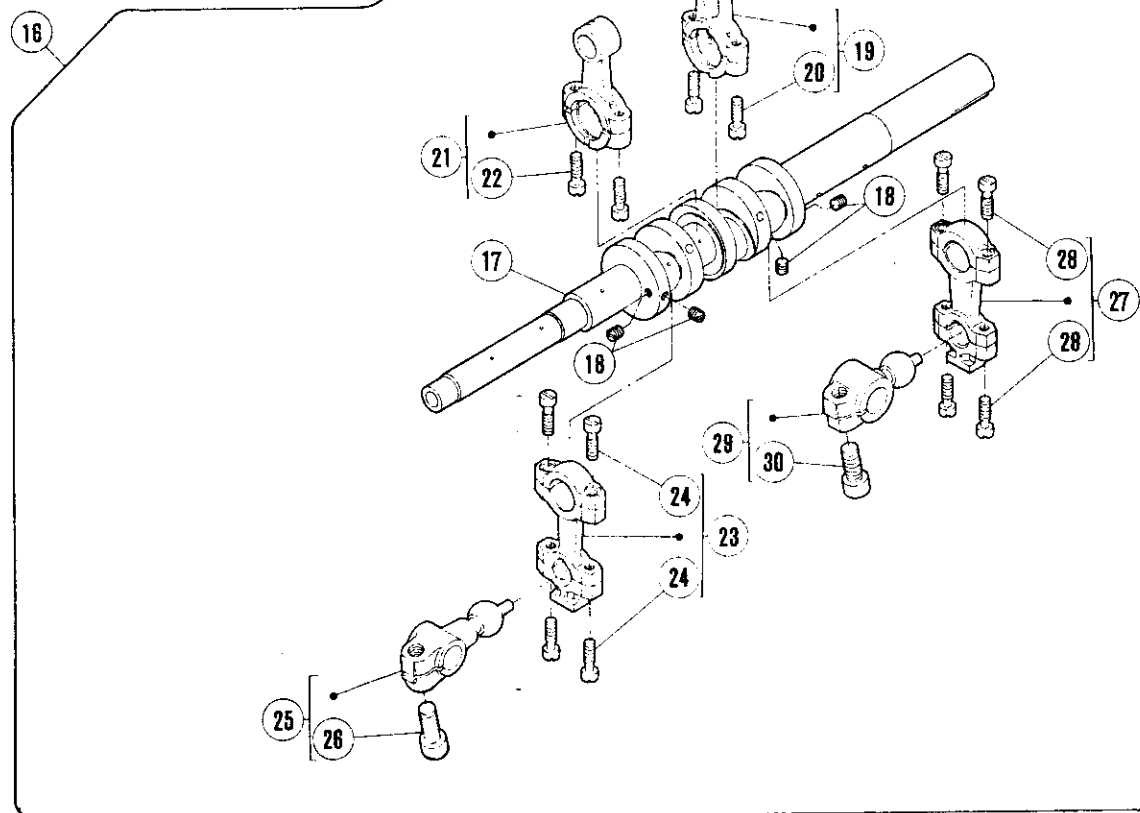
Notice) Parts with mark * are not for sale.

9656A-237

For standard lift

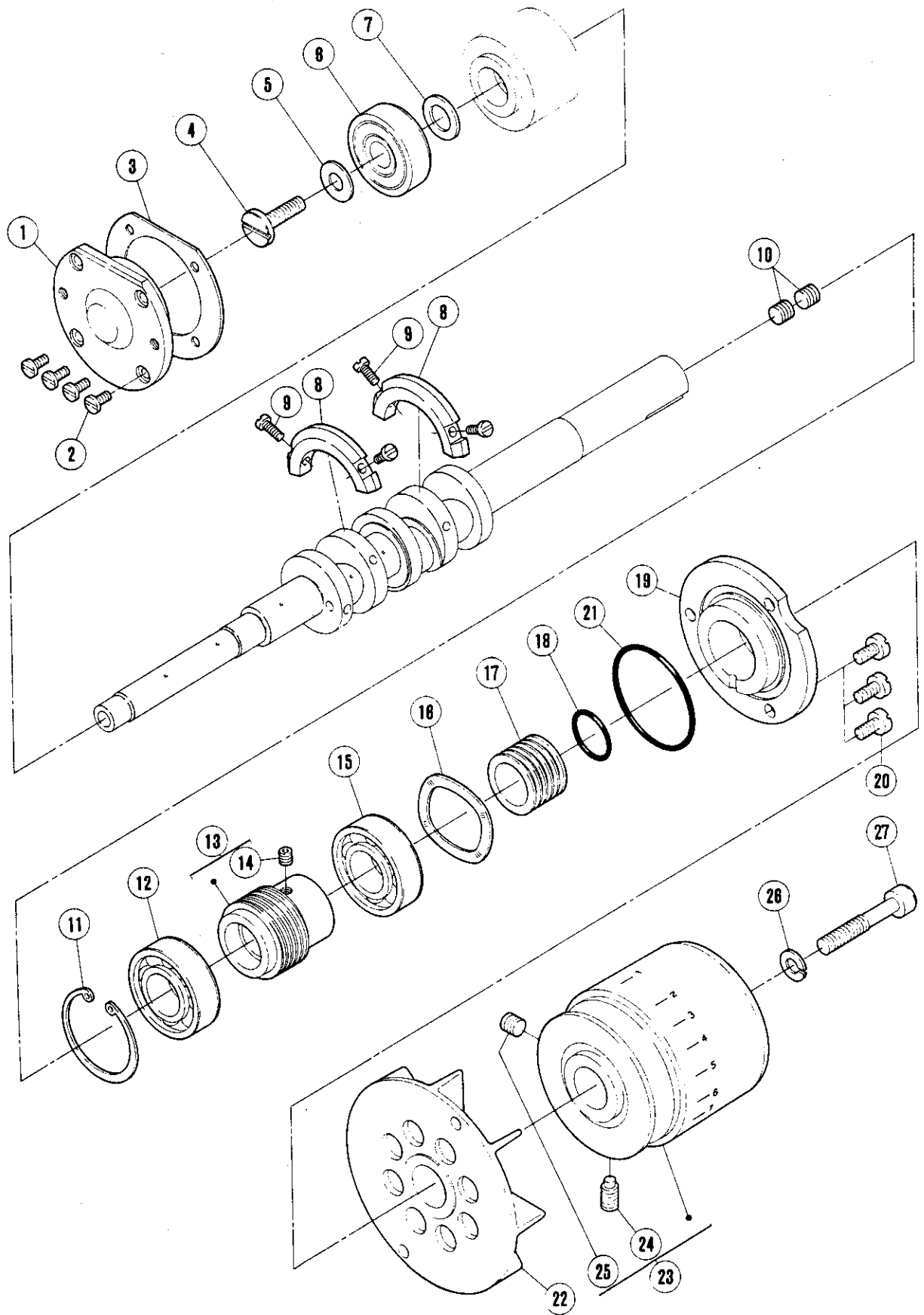


For low lift



CRANKSHAFT DRIVE MECHANISM(1)

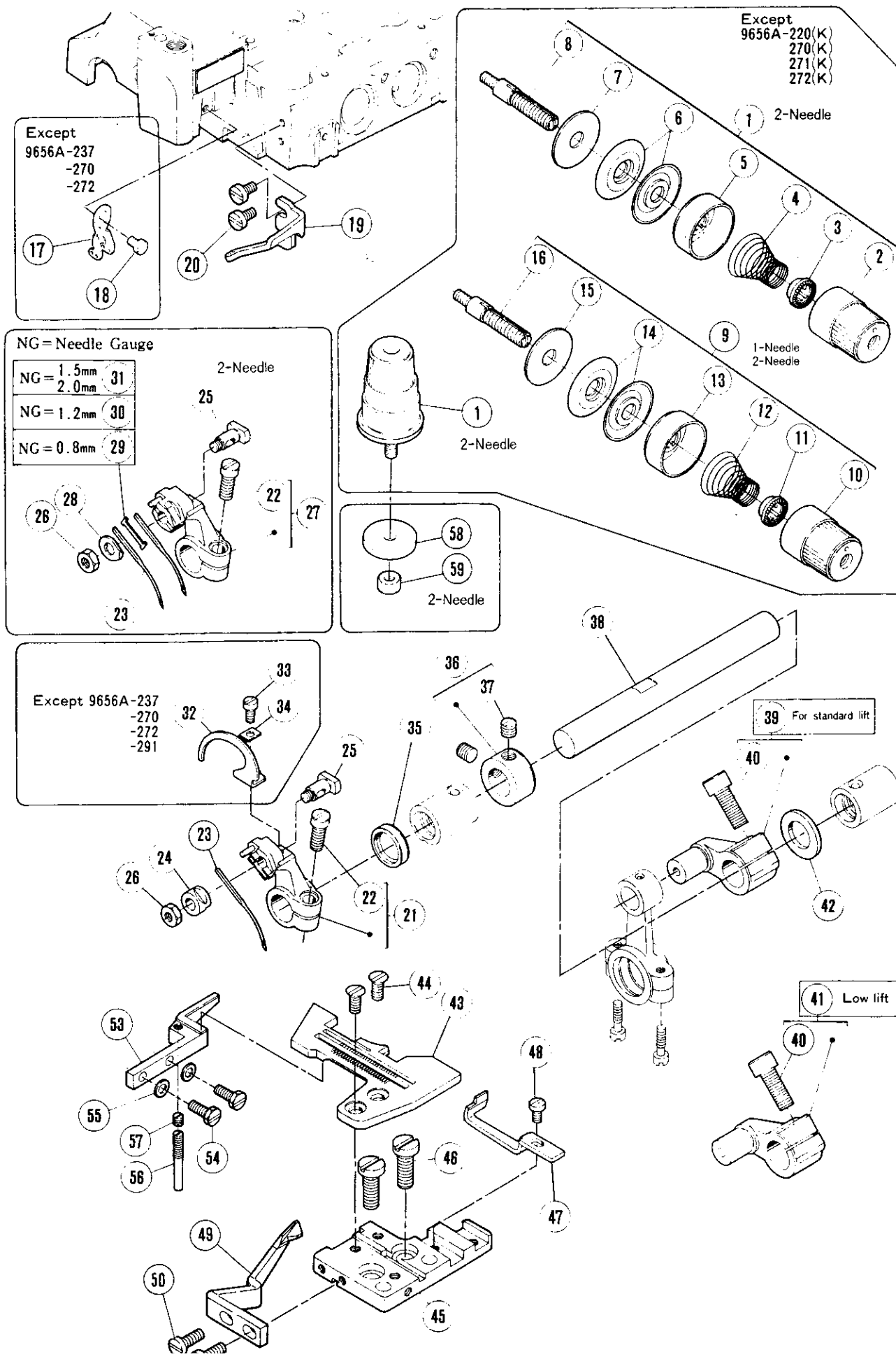
REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	212394A	09-009815-58	CRANKSHAFT ASSEMBLY	1
2	210048	09-009613-37	CRANKSHAFT	1
3	1459	09-009053-73	SCREW	4
4	210063	09-009613-50	CONNECTION/NEEDLE DRIVE	1
5	5376	09-009612-37	SCREW	2
6	210173	09-009614-43	CONNECTION/UPPER KNIFE DRIVE	1
7	5376	09-009612-37	SCREW	2
8	210091	09-009613-72	CONNECTION	1
9	5376	09-009612-37	SCREW	4
10	210734	09-009618-53	CRANK/LOWER LOOPER DRIVE	1
11	5457	09-009612-42	SCREW	1
12	210091	09-009613-72	CONNECTION	1
13	5376	09-009612-37	SCREW	4
14	210731	09-009618-51	CRANK/UPPER LOOPER	1
15	5457	09-009612-42	SCREW	1
16	212394B	09-009815-59	CRANKSHAFT ASSEMBLY	1
17	210048	09-009613-37	CRANKSHAFT	1
18	1459	09-009053-73	SCREW	4
19	210063	09-009613-50	CONNECTION/NEEDLE DRIVE	1
20	5376	09-009612-37	SCREW	2
21	210173	09-009614-43	CONNECTION/UPPER KNIFE DRIVE	1
22	5376	09-009612-37	SCREW	2
23	210091	09-009613-72	CONNECTION	1
24	5376	09-009612-37	SCREW	4
25	210735	09-009618-54	CRANK/LOWER LOOPER	1
26	5457	09-009612-42	SCREW	1
27	210091	09-009613-72	CONNECTION	1
28	5376	09-009612-37	SCREW	1
29	210732	09-009618-52	CRANK/UPPER LOOPER	1
30	5457	09-009612-42	SCREW	1



CRANKSHAFT DRIVE MECHANISM(2)

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	204737A	09-009824-62	HOUSING	1
	204737	09-009067-81	HOUSING	11 1 051086
2	5328	09-009071-11	SCREW	4
3	204319	09-009065-97	GASKET	1
4	5497	09-009612-60	SCREW	1
5	204520	09-009067-80	WASHER	1
6	204010	14-018570-01	BUSHING	1
7	240102	09-400167-00	WASHER	1
*	204789	09-009602-22	WASHER	01 1 300985
8	211341	09-009734-94	BALANCE WEIGHT	2
9	5029	09-009053-59	SCREW	4
10	1448	09-009054-64	SCREW	2
11	211527	09-009733-10	RING	1
12	211525	09-009733-08	BALL BEARING	1
13	211530	09-009733-13	WORM	1
14	5461	09-009612-44	SCREW	1
15	211526	09-009733-09	BALL BEARING	1
16	211529	09-009733-12	WASHER	1
17	210056	09-009613-44	OIL SEAL	1
18	210057	09-009613-45	O RING	1
19	211528	09-009733-11	BALL BEARING RETAINER	1
20	5117	09-009053-88	SCREW	3
21	240340	09-009829-78	O RING	1
	210055	09-009613-43	O RING	11 1
22	210058	09-009613-46	COOLING FAN	1
23	211345-BD	09-009826-81	MACHINE PULLEY	1
24	5523	09-009732-62	SCREW	1
25	5050	09-009732-58	SCREW	1
26	204293	09-009602-07	SPRING WASHER	1
27	5522	09-009732-61	SCREW	1

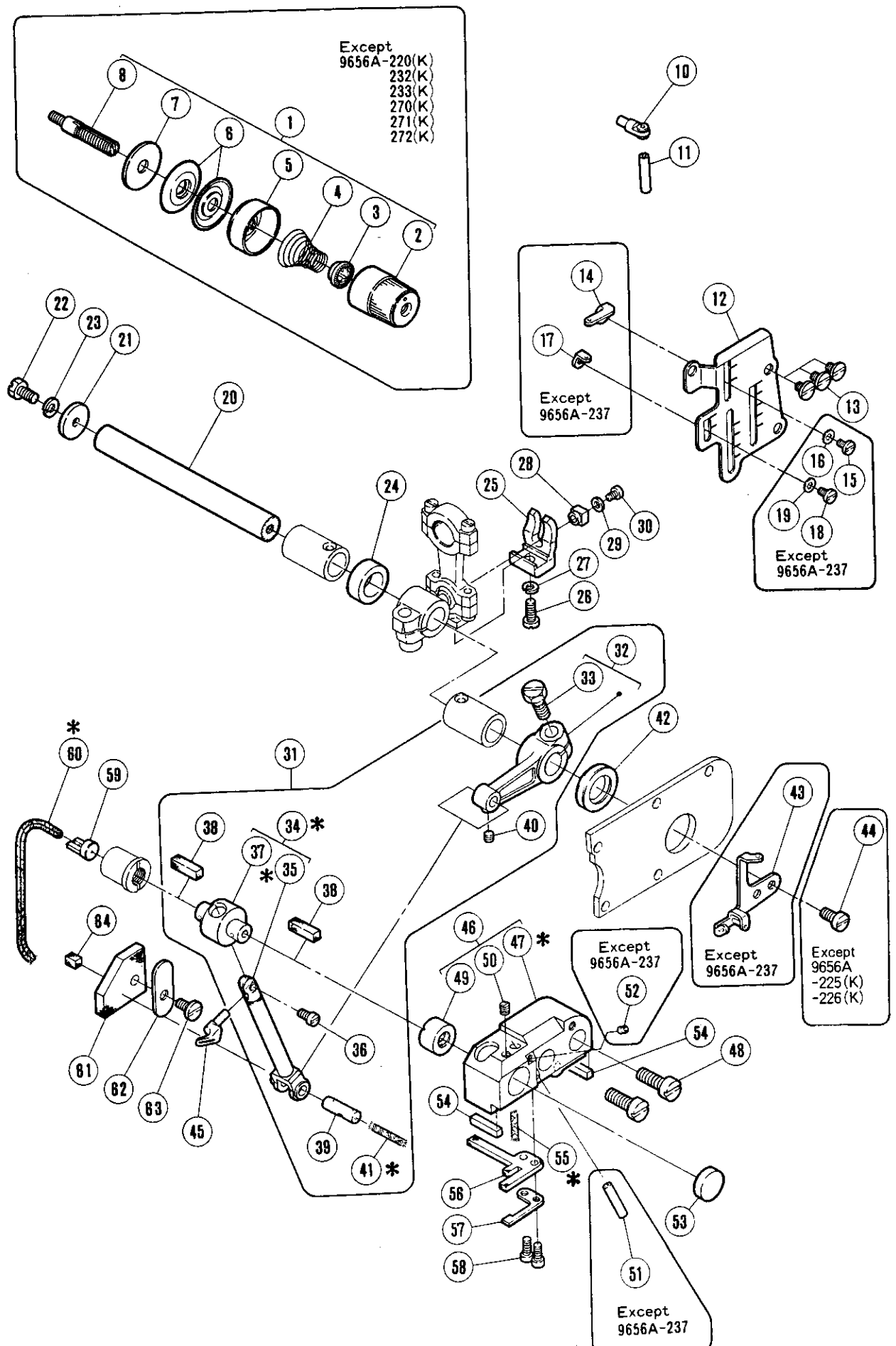
Notice) Parts with mark * are not for sale.



NEEDLE DRIVE MECHANISM

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	210529-BA	09-009812-91	THREAD TENSION COMPLETE	1
2	208447-BA	09-009607-58	POST NUT	1
3	208448	09-009607-59	SPRING BUSHING	1
4	201037	09-009049-22	SPRING (HEAVY)	1
5	208450-BA	09-009607-61	CUP	1
6	210319	09-009615-68	TENSION DISC	2
7	208449	09-009607-60	FELT	1
8	5082A	09-009053-74	SCREW STUD	1
9	210529-BA	09-009812-91	THREAD TENSION COMPLETE	1
10	208447-BA	09-009607-58	POST NUT	1
11	208448	09-009607-59	SPRING BUSHING	1
12	201037	09-009049-22	SPRING (HEAVY)	1
13	208450-BA	09-009607-61	CUP	1
14	210319	09-009615-68	TENSION DISC	2
15	208449	09-009607-60	FELT	1
16	5082A	09-009053-74	SCREW STUD	1
17	210088	09-009613-69	THREAD GUIDE	1
18	5113	09-009054-70	SCREW	1
19	212805	09-009815-62	NEEDLE THREAD GUIDE	1
20	5117	09-009053-88	SCREW	2
21	210070	09-009613-57	NEEDLE ARM/1-NEEDLE	1
22	5485	09-009612-52	SCREW	1
23	XXXXXX		NEEDLE	1
24	201031A	09-009049-18	NEEDLE CLAMP/1-NEEDLE	1
25	201239A	09-009050-63	NEEDLE CLAMP SCREW	1
26	3044	09-009053-49	NUT	1
27	210071	09-009613-58	NEEDLE ARM/2-NEEDLE	1
28	202273	09-009051-70	NEEDLE CLAMP/2-NEEDLE	1
29	211452	09-009804-20	SHIM/0.8MM	1
30	211453	09-009804-21	SHIM/1.2MM	1
31	210516	09-009617-08	SHIM	1
32	210085	09-009613-66	THREAD TAKEUP	1
33	1196	09-009048-16	SCREW	1
34	205737	09-009612-85	WASHER	1
35	210069	09-009613-56	OIL SEAL	1
36	201635	09-009051-55	COLLAR	1
37	5060	09-009053-64	SCREW	2
38	210066	09-009613-53	SHAFT/NEEDLE DRIVE	1
39	210064	09-009613-51	CRANK/NEEDLE DRIVE	1
40	5457	09-009612-42	SCREW	1
41	210065	09-009613-52	CRANK/NEEDLE DRIVE	1
42	206180	09-009612-92	WASHER	1
43	XXXXXX		NEEDLE PLATE	1
44	5484-HC	09-009612-51	SCREW	2
45	211392	09-009733-04	BRACKET COMPLETE	1
46	5357	09-009067-95	SCREW	2
47	212809	09-009815-63	NEEDLE GUARD (FRONT)	1
48	5328	09-009071-11	SCREW	1
49	213580	09-009829-77	NEEDLE GUARD (REAR)	1
	212810	09-009815-64	NEEDLE GUARD (REAR)	09 1
50	5651	09-009830-33	SCREW	2
	1206	09-009048-19	SCREW	09 2
51				
* 52	210084	09-009613-65	BRACKET/NEEDLE GUARD	10 1
	1175-3	09-009048-14	SCREW	10 2
53	210922	09-009819-06	SUPPORT COMPLETE/NEEDLE PLATE	1
54	5501	09-009618-31	SCREW	2
55	210898	09-009618-27	WASHER	2
56	210923	09-009618-28	SCREW	1
57	1459	09-009053-73	SCREW	1
58	201880	09-009813-83	WASHER	1
59	5137	09-009053-91	NUT	1

PLEASE NOTE :



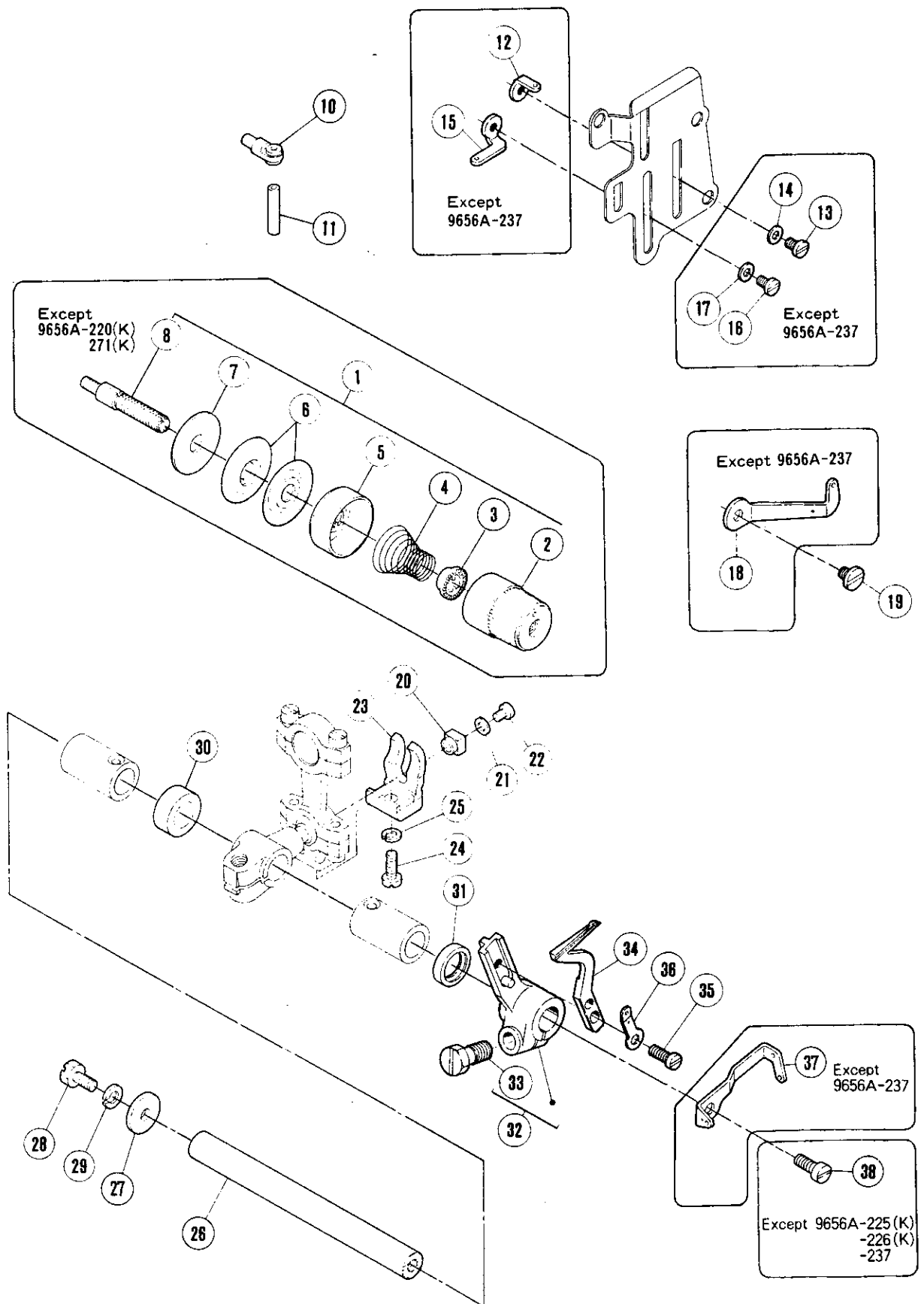
UPPER LOOPER DRIVE MECHANISM

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	210531-BA	09-009812-92	THREAD TENSION COMPLETE	1
2	208447-BA	09-009607-58	POST NUT	1
3	208448	09-009607-59	SPRING BUSHING	1
4	201068	09-009049-44	SPRING (LIGHT)	1
5	208450-BA	09-009607-61	CUP	1
6	210319	09-009615-68	TENSION DISC	1
7	208449	09-009607-60	FELT	1
8	5082A	09-009053-74	SCREW STUD	1
9				
10	201439A	09-009612-70	THREAD EYELET	1
11	204657	09-009812-08	PIPE	1
12	210344	09-009615-88	THREAD GUIDE PLATE	1
13	2905	09-009823-33	SCREW	3
14	210345	09-009615-89	THREAD GUIDE	1
15	2921	09-009053-46	SCREW	1
16	202875	09-009601-76	WASHER	1
17	202860	09-009053-28	THREAD GUIDE	1
18	2921	09-009053-46	SCREW	1
19	202875	09-009601-76	WASHER	1
20	210099	09-009613-78	SHAFT/UPPER LOOPER DRIVE	1
21	210100	09-009613-79	WASHER	1
22	2193	09-009053-37	SCREW	1
23	202286	09-009051-75	SPRING WASHER	1
24	210098	09-009613-77	SPACER	1
25	210092	09-009613-73	GUIDE/CONNECTION	1
26	5546	09-009732-64	SCREW	1
27	202286	09-009051-75	SPRING WASHER	1
28	210093	09-009613-74	BLOCK	1
29	210585	09-009617-43	WASHER	1
30	1231	09-009048-09	SCREW	1
31	210928B91Y	09-009830-35	UPPER LOOPER HOLDER ASSEMBLY	1
	210928-91Y	09-009807-74	UPPER LOOPER HOLDER ASSEMBLY	09 1 240889
32	210104	09-009613-83	LEVER/UPPER LOOPER	1
33	5284	09-009067-39	SCREW	1
*34	211926-T	09-009824-67	UPPER LOOPER HOLDER ASSEMBLY	1
*	210748	09-009829-14	UPPER LOOPER HOLDER ASSEMBLY	09 1 240889
*35	211654-T	09-009824-65	UPPER LOOPER HOLDER	1
*	210106	09-009829-12	UPPER LOOPER HOLDER	09 1 240889
36	1998-2	09-009048-69	SCREW	1
*37	210107	09-009823-97	GUIDE/UPPER LOOPER HOLDER	1
38	204274	09-009064-69	OIL WICK	2
39	210105-2	09-009824-77	PIN	1
40	5292	09-009064-89	SCREW	1
*41	202175	09-009601-64	OIL WICK	1
42	210103	09-009613-82	OIL SEAL	1
43	210346	09-009615-90	THREAD TAKEUP	1
44	2902	09-009053-42	SCREW	1
45	XXXXXX		UPPER LOOPER	1
46	211995	09-009735-12	BASE/UPPER LOOPER HOLDER	1
*47	210108	09-009613-87	BASE/UPPER LOOPER HOLDER	1
48	5282	09-009612-36	SCREW	2
49	210109	09-009613-88	BUSHING	1
50	5408	09-009070-03	SCREW	1
51	204657	09-009812-08	PIPE	1
52	5292	09-009064-89	SCREW	1
53	208173	09-009604-72	PLUG	1
54	210118	09-009613-96	GASKET	2
*55	202175	09-009601-64	OIL WICK	1
56	210114	09-009613-93	OIL FELT	1
	212116	09-009735-13	OIL FELT	09 1
57	210115	09-009613-94	SET PLATE	1
58	5012	09-009065-32	SCREW	2
59	210111	09-009613-90	OIL RELEASE PLUG	1
*60	202174	09-009612-71	OIL WICK	1
61	210112B	09-009826-70	OIL FELT	1
	210112A	09-009824-64	OIL FELT	09 1
	210112	09-009613-91	OIL FELT	09 1 051085
62	210113	09-009613-92	SET PLATE	1
63	4009-1	09-009053-53	SCREW	1
64	210721	09-009618-55	OIL FELT	1

Notice) Parts with mark * are not for sale.

PLEASE NOTE :

「XXXXXX」 is one of the gauge parts.

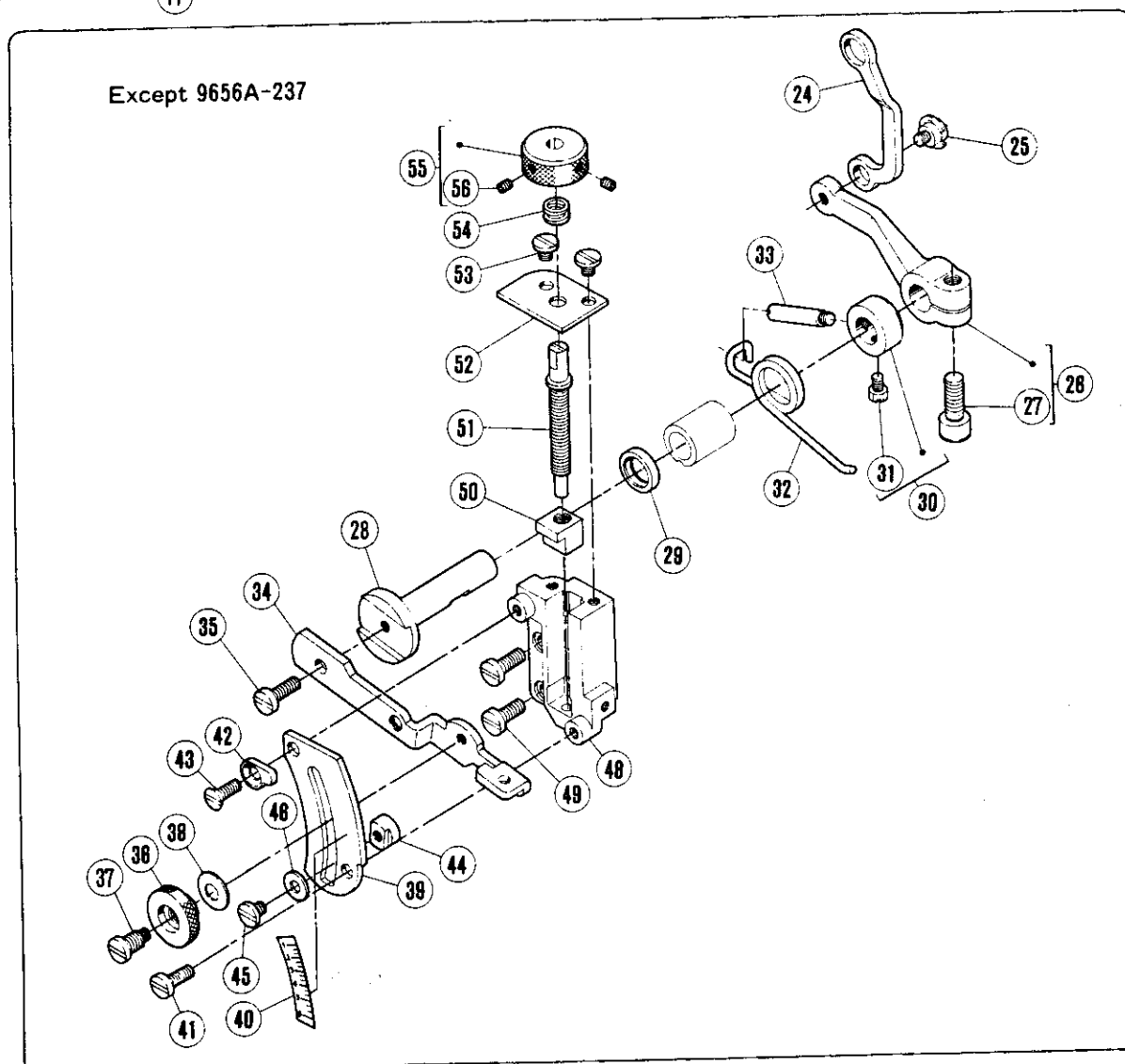
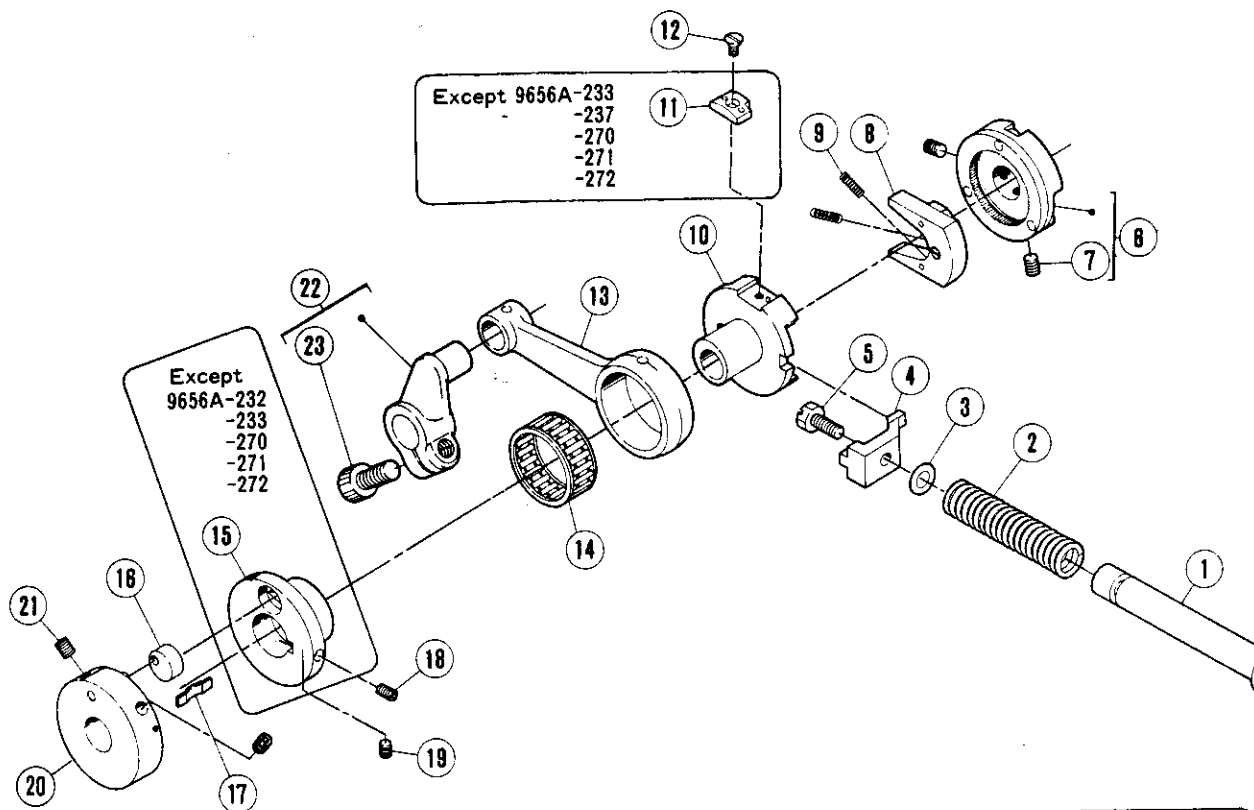


LOWER LOOPER DRIVE MECHANISM

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	210530-BA	09-009812-90	THREAD TENSION COMPLETE	1
2	208447-BA	09-009607-58	POST NUT	1
3	208448	09-009607-59	SPRING BUSHING	1
4	201086	09-009049-57	SPRING (MEDIUM)	1
5	208450-BA	09-009607-61	CUP	1
6	210319	09-009615-68	TENSION DISC	2
7	208449	09-009607-60	FELT	1
8	5082A	09-009053-74	SCREW STUD	1
10	201439A	09-009612-70	THREAD EYELET	1
11	204657	09-009812-08	PIPE	1
12	201089	09-009049-60	THREAD GUIDE (RIGHT)	1
13	5519	09-009732-60	SCREW	1
14	202875	09-009601-76	WASHER	1
15	202859	09-009053-27	THREAD GUIDE	1
16	5519	09-009732-60	SCREW	1
17	202875	09-009601-76	WASHER	1
18	210347	09-009615-91	THREAD GUIDE	1
19	4009-1	09-009053-53	SCREW	1
20	210093	09-009613-74	BLOCK	1
21	210585	09-009617-43	WASHER	1
22	1231	09-009048-09	SCREW	1
23	210092	09-009613-73	GUIDE/CONNECTION	1
24	5546	09-009732-64	SCREW	1
25	202286	09-009051-75	SPRING WASHER	1
26	210123	09-009614-00	SHAFT/LOWER LOOPER LEVER	1
27	204107	09-009067-58	WASHER	1
28	2193	09-009053-37	SCREW	1
29	202286	09-009051-75	SPRING WASHER	1
30	210122	09-009613-99	WASHER	1
31	210586	09-009617-44	OIL SEAL	1
32	210126	09-009614-03	LOWER LOOPER LEVER	1
33	5487	09-009612-54	SCREW	1
34	XXXXXX		LOWER LOOPER	1
35	1175-2	09-009048-13	SCREW	1
36	210353	09-009615-97	THREAD GUIDE	1
37	210348	09-009615-92	THREAD TAKEUP	1
38	2902	09-009053-42	SCREW	1

PLEASE NOTE :

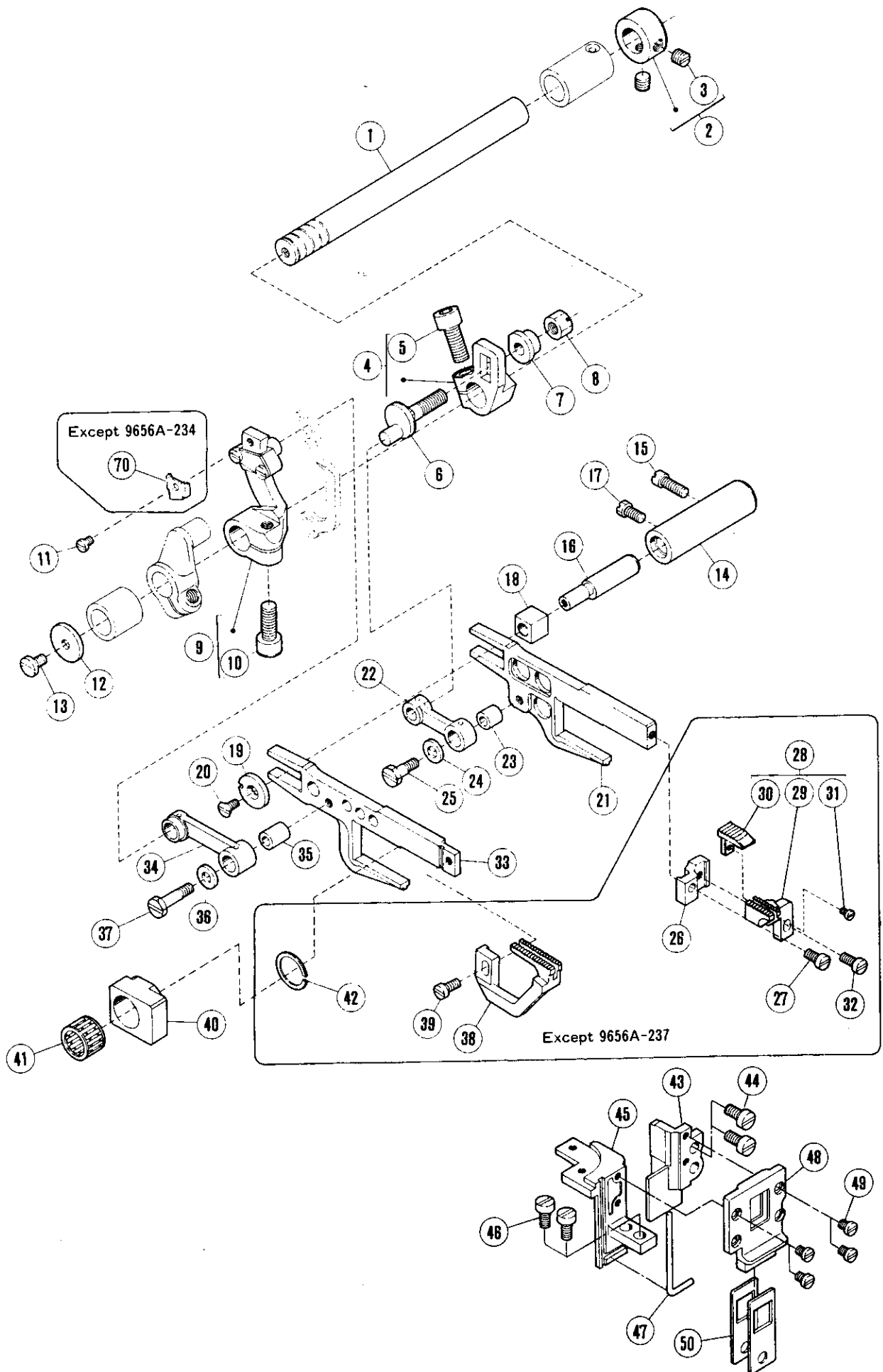
「XXXXXX」 is one of the gauge parts.



FEED MECHANISM(1)

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	210137	09-009614-12	PUSH BUTTON	1
2	210139	09-009614-14	SPRING	1
3	204185	09-009067-40	O RING	1
4	210138	09-009614-13	STOPPER	1
5	2193	09-009053-37	SCREW	1
6	210136	09-009614-11	RATCHET WHEEL COMPLETE	1
7	5461	09-009612-44	SCREW	2
8	208411	09-009607-41	FEED REGULATING RATCHET	1
9	208415	09-009607-44	SPRING	2
10	211802	09-009733-32	ECCENTRIC/FEED REGULATING	1
11	211804	09-009733-33	STOPPER	1
12	5437	09-009606-28	SCREW	1
13	210140	09-009614-15	CONNECTION/FEED DRIVE	1
14	204084-2	09-009055-52	NEEDLE BEARING	1
15	210127	09-009614-04	ECCENTRIC/FEED DRIVE	1
16	210129	09-009614-06	GUIDE/FEED ECCENTRIC	1
17	210130	09-009614-07	FLAT SPRING	1
18	5427	09-009611-79	SCREW	1
19	5292	09-009064-89	SCREW	1
20	210128A	09-009815-66	FEED ECCENTRIC RETAINER	1
21	5461	09-009612-44	SCREW	1
22	210141	09-009614-16	CRANK/FEED DRIVE	1
23	5457	09-009612-42	SCREW	1
24	210161	09-009614-33	LINK/DIFF. FEED REGULATING	1
25	5316	09-009601-16	SCREW	1
26	210162	09-009614-34	LEVER/DIFF. FEED REGULATING	1
27	5457	09-009612-42	SCREW	1
28	210163	09-009614-35	SHAFT/DIFF. FEED REGULATING	1
29	204052A	09-009064-62	OIL SEAL	1
30	204754A	09-009814-34	COLLAR	1
*	204754	09-009068-23	COLLAR	01 1 200585
31	5084	09-009053-76	SCREW	1
	5084	09-009053-76	SCREW	09 2 200585
32	204756	09-009068-26	SPRING	1
33	204757	09-009068-27	PIN	1
34	210166	09-009614-37	LEVER/DIFF. FEED REGULATING	1
35	5117	09-009053-88	SCREW	1
36	210167	09-009614-38	THUMB NUT	1
37	5486	09-009612-53	SCREW	1
38	211301	12-305174-15	SPRING	1
39	210168	09-009614-39	REGULATING PLATE/DIFF. FEED	1
40	210170	09-009614-40	INDICATION PLATE	1
41	5117	09-009053-88	SCREW	1
42	210700	09-009617-93	STOPPER	1
43	1732	09-009048-67	SCREW	1
44	210171	09-009614-41	STOPPER	1
45	2905	09-009823-33	SCREW	1
46	201185	09-009050-38	WASHER	1
47	201191	09-009050-43	SPRING	10 1 030688
48	211314	09-009732-87	REGULATING BASE/DIFF. FEED	1
49	5118	09-009053-89	SCREW	2
50	210535	09-009617-23	BLOCK/DIFF. FEED REGULATING	1
51	210172	09-009614-72	REGULATING BAR/DIFF. FEED	1
52	210534	09-009617-22	GUIDE/DIFF. FEED REG. BAR	1
53	5091	09-009067-20	SCREW	2
54	210533	09-009617-21	SPRING	1
55	210532	09-009617-20	THUMB NUT	1
56	5292	09-009064-89	SCREW	2

Notice) Parts with mark * are not for sale.



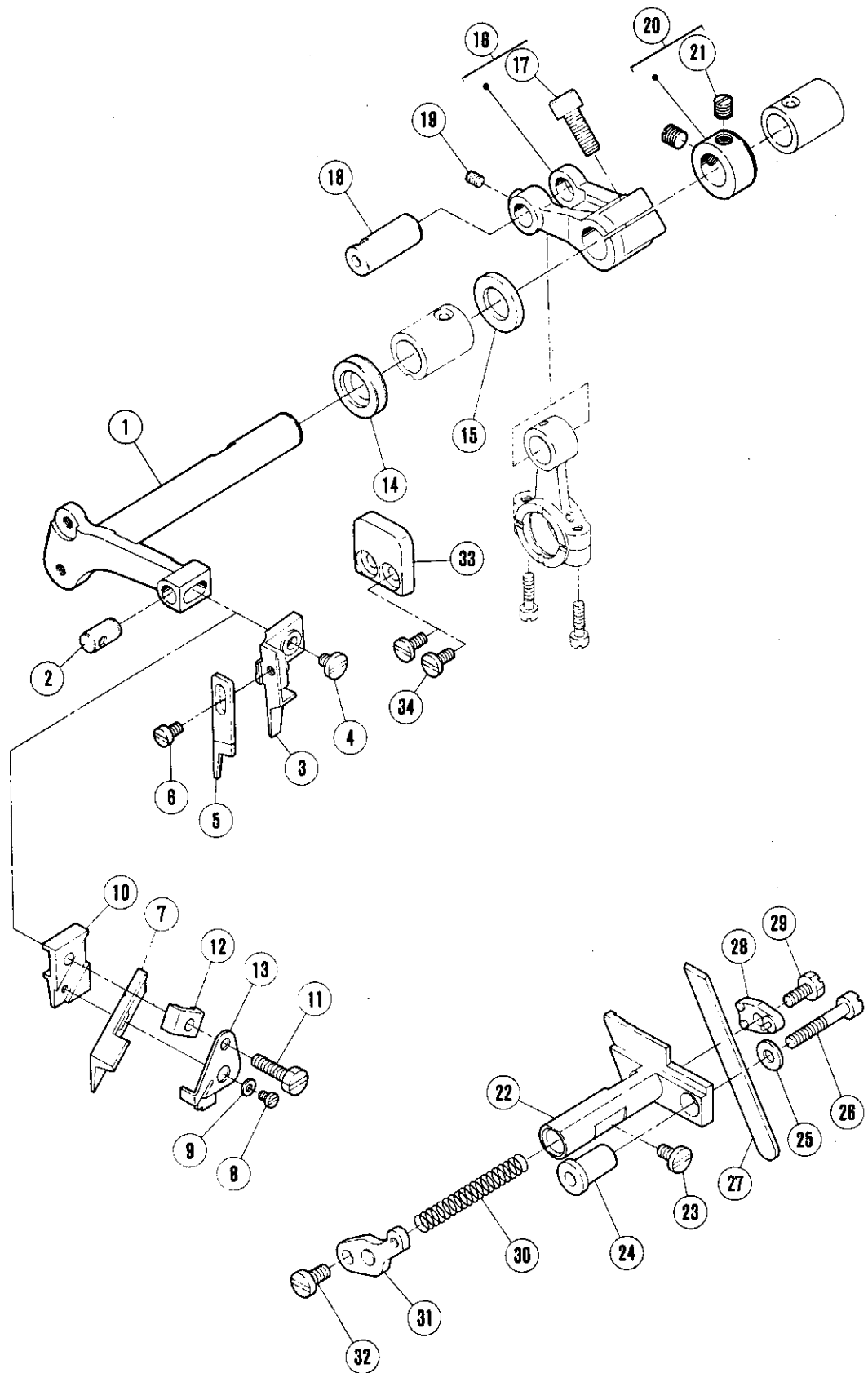
FEED MECHANISM(2)

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	212028	09-009733-67	FEED SHAFT	1
2	201635	09-009051-55	COLLAR	1
3	5060	09-009053-64	SCREW	2
4	210144	09-009614-19	CRANK/MAIN FEED	1
5	5457	09-009612-42	SCREW	1
6	210145	09-009614-20	PIN	1
7	210146	09-009614-21	WASHER	1
8	5455	09-009612-41	NUT	1
9	210152	09-009614-24	CRANK COMPLETE/DIFF. FEED	1
10	5457	09-009612-42	SCREW	1
11	5346	09-009068-79	SCREW	1
12	210100	09-009613-79	WASHER	1
13	4009-1	09-009053-53	SCREW	1
14	204129A	09-009601-84	BUSHING	1
15	2133-1	09-009053-36	SCREW	1
16	204128A	09-009601-83	PIN	1
17	5084	09-009053-76	SCREW	1
18	205418	09-009612-76	BLOCK/FEED BAR GUIDE	1
19	204439A	09-009602-09	WASHER	1
20	5317	09-009601-17	SCREW	1
21	210154	09-009614-26	MAIN FEED BAR	1
22	210147	09-009614-22	LINK/MAIN FEED	1
23	210148	09-009614-23	BUSHING	1
24	204115	09-009064-02	WASHER	1
25	5489	09-009612-56	SCREW	1
26	210343	09-009615-87	BRACKET/MAIN FEED DOG	1
27	1175-2	09-009048-13	SCREW	1
28	XXXXXX		MAIN FEED DOG COMPLETE	1
29	XXXXXX		MAIN FEED DOG	1
30	XXXXXX		AUXILIARY FEED DOG	1
31	5492	09-009612-57	SCREW	1
32	5590	09-009734-83	SCREW	1
33	210155	09-009614-27	DIFFERENTIAL FEED BAR	1
34	210153	09-009614-25	LINK/DIFFERENTIAL FEED	1
35	204114	09-009064-01	BUSHING	1
36	208245	09-009612-96	WASHER	1
37	5231	09-009054-77	SCREW	1
38	XXXXXX		DIFFERENTIAL FEED DOG	1
39	1175-2	09-009048-13	SCREW	1
40	210156	09-009614-28	BLOCK	1
41	206128-2	09-009612-90	NEEDLE BEARING	1
42	206129	09-009612-91	RING	1
43	210157	09-009614-29	GUIDE (RIGHT)/FEED BAR	1
44	5205	09-009069-93	SCREW	2
45	210158	09-009614-30	GUIDE (LEFT)/FEED BAR	1
46	2902	09-009053-42	SCREW	2
47	208168	09-009604-71	GASKET	1
48	210160	09-009614-32	GUIDE/FEED BAR OIL SEAL	1
49	5346	09-009068-79	SCREW	4
50	210159	09-009614-31	OIL SEAL	2
70	208953	09-009804-11	STOPPER	1

PLEASE NOTE :

「XXXXXX」 is one of the gauge parts.

Except 9656A-237

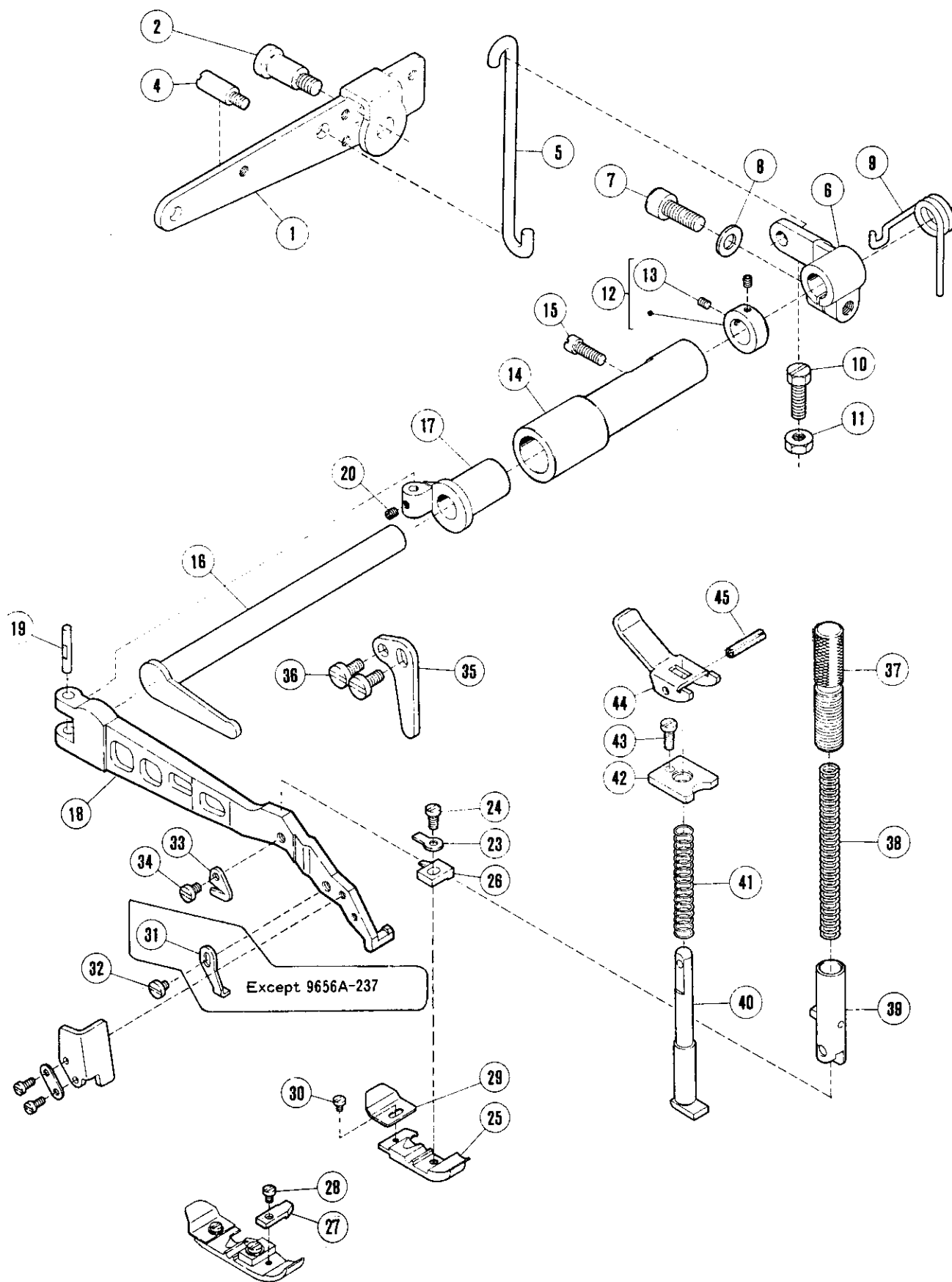


KNIFE DRIVE MECHANISM

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	210176	09-009614-46	UPPER KNIFE LEVER	1
2	208579	09-009612-98	PIN	1
3	210178A	09-009814-56	UPPER KNIFE CLAMP	1
4	5118	09-009053-89	SCREW	1
5	201121A	09-009050-06	UPPER KNIFE	1
6	5328	09-009071-11	SCREW	1
7	210755	91-179421-01	ANGLED KNIFE	1
8	1227	09-009804-05	SCREW	1
9	300248	09-009070-98	WASHER	1
10	210756	09-009804-06	ANGLED UPPER KNIFE CLAMP	1
11	5504	09-009804-07	SCREW	1
12	210758	09-009804-08	ANGLED UPPER KNIFE GIB	1
13	210759	09-009804-09	ANGLED UPPER KNIFE PLATE	1
14	210069	09-009613-56	OIL SEAL	1
15	206180	09-009612-92	WASHER	1
16	210174	09-009614-44	CRANK/UPPER KNIFE DRIVE	1
17	5457	09-009612-42	SCREW	1
18	210175	09-009614-45	PIN	1
19	5461	09-009612-44	SCREW	1
20	201635	09-009051-55	COLLAR	1
21	5060	09-009053-64	SCREW	2
22	210179	09-009614-49	LOWER KNIFE HOLDER	1
23	4009-1	09-009053-53	SCREW	1
24	210180	09-009614-50	GUIDE/LOWER KNIFE HOLDER	1
25	201185	09-009050-38	WASHER	1
26	5094	09-009053-82	SCREW	1
27	XXXXXX		LOWER KNIFE	1
28	210184	09-009614-52	CLAMP/LOWER KNIFE	1
29	2193	09-009053-37	SCREW	1
30	202340	09-009612-73	SPRING	1
31	210183	09-009614-51	SPRING RETAINER	1
32	5117	09-009053-88	SCREW	1
33	210177	09-009614-47	GUIDE/UPPER BAR	1
34	4009-1	09-009053-53	SCREW	2

PLEASE NOTE :

「XXXXXX」 is one of the gauge parts.



PRESSER FOOT MECHANISM

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	211636	09-009733-16	LEVER/FOOT LIFT	1
2	2285B	09-009823-61	SCREW	1
	2285	09-009054-31	SCREW	11 1 250986
3	211637	09-009733-17	SPRING	10 1 250986
4	5481	09-009612-48	SCREW	1
5	210335	09-009615-80	LINK/FOOT LIFT LEVER	1
6	210329	09-009615-76	LEVER/FOOT LIFT	1
7	5457	09-009612-42	SCREW	1
8	207924	09-400145-00	WASHER	1
9	212988	09-009827-12	SPRING	1
*	210330	09-009615-77	SPRING	11 1 250986
10	5276	09-009601-09	SCREW	1
11	5426	09-009612-38	NUT	1
12	212039	09-400152-00	COLLAR	1
13	5292	09-009064-89	SCREW	2
14	210727	09-009617-95	BUSHING	1
15	2133-1	09-009053-36	SCREW	1
16	210326	09-009615-74	SHAFT/FOOT LIFT	1
17	210322	09-009615-70	HINGE/PRESSER ARM	1
18	212959	09-009821-60	PRESSER ARM	1
	212789A	09-009830-39	PRESSER ARM	11 1 011189
*	212789	09-009815-67	PRESSER ARM	11 1
19	210323	09-009615-71	PIN	1
20	5292	09-009064-89	SCREW	1
21	212790	09-009815-68	HOLDER	10 1 011189
22	5328	09-009071-11	SCREW	10 1 011189
23	201156	09-009050-20	SET PLATE/PRESSER FOOT	1
24	5089	09-009053-81	SCREW	1
25	XXXXXX		PRESSER FOOT	1
26	XXXXXX		PRESSER FOOT FINGER	1
27	XXXXXX		FABRIC GUARD	1
28	1231	09-009048-09	SCREW	1
29	XXXXXX		PRESSER FOOT UNCURLER	1
30	5030	09-009053-60	SCREW	1
31	212806	09-009815-69	STOPPER	1
32	2921	09-009053-46	SCREW	1
33	202451	09-009051-81	CHAIN CUTTER	1
34	2921	09-009053-46	SCREW	1
35	210517	09-009617-09	STOPPER/PRESSER ARM	1
36	5117	09-009053-88	SCREW	2
37	208774	09-009612-99	THUMB SCREW	1
38	210337	09-009615-82	SPRING	1
39	210336A91	09-009815-70	GUIDE/PRESSER ARM	1
40	202645	09-009054-98	PLUNGER	1
41	201395	09-009601-61	SPRING	1
42	208599	09-009607-95	BUSHING	1
43	5029	09-009053-59	SCREW	1
44	208598	09-009607-94	LEVER/HAND LIFT	1
45	202647A	09-009065-79	PIN	1

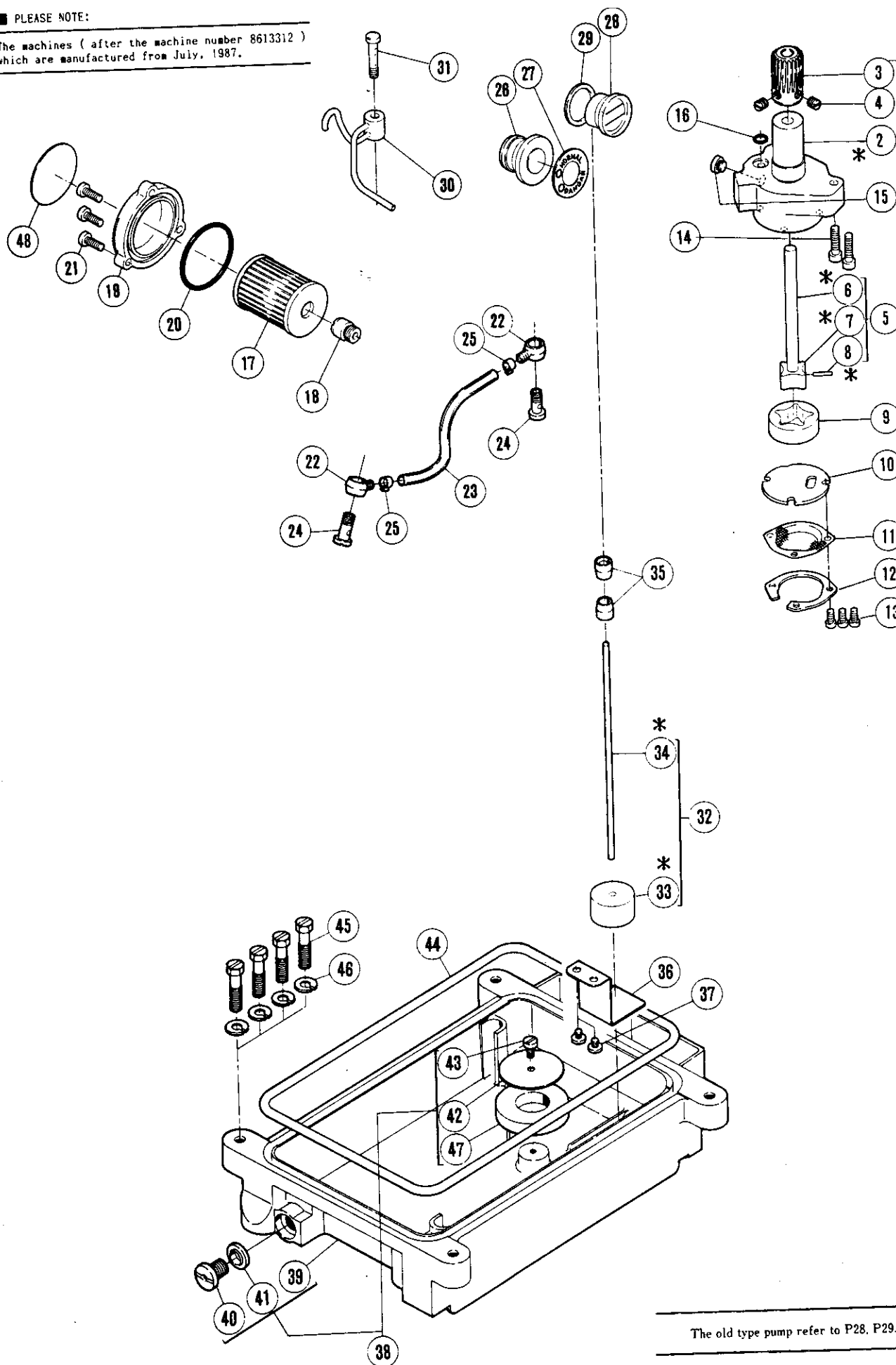
Notice) Parts with mark * are not for sale.

PLEASE NOTE :

「XXXXXX」 is one of the gauge parts.

■ PLEASE NOTE:

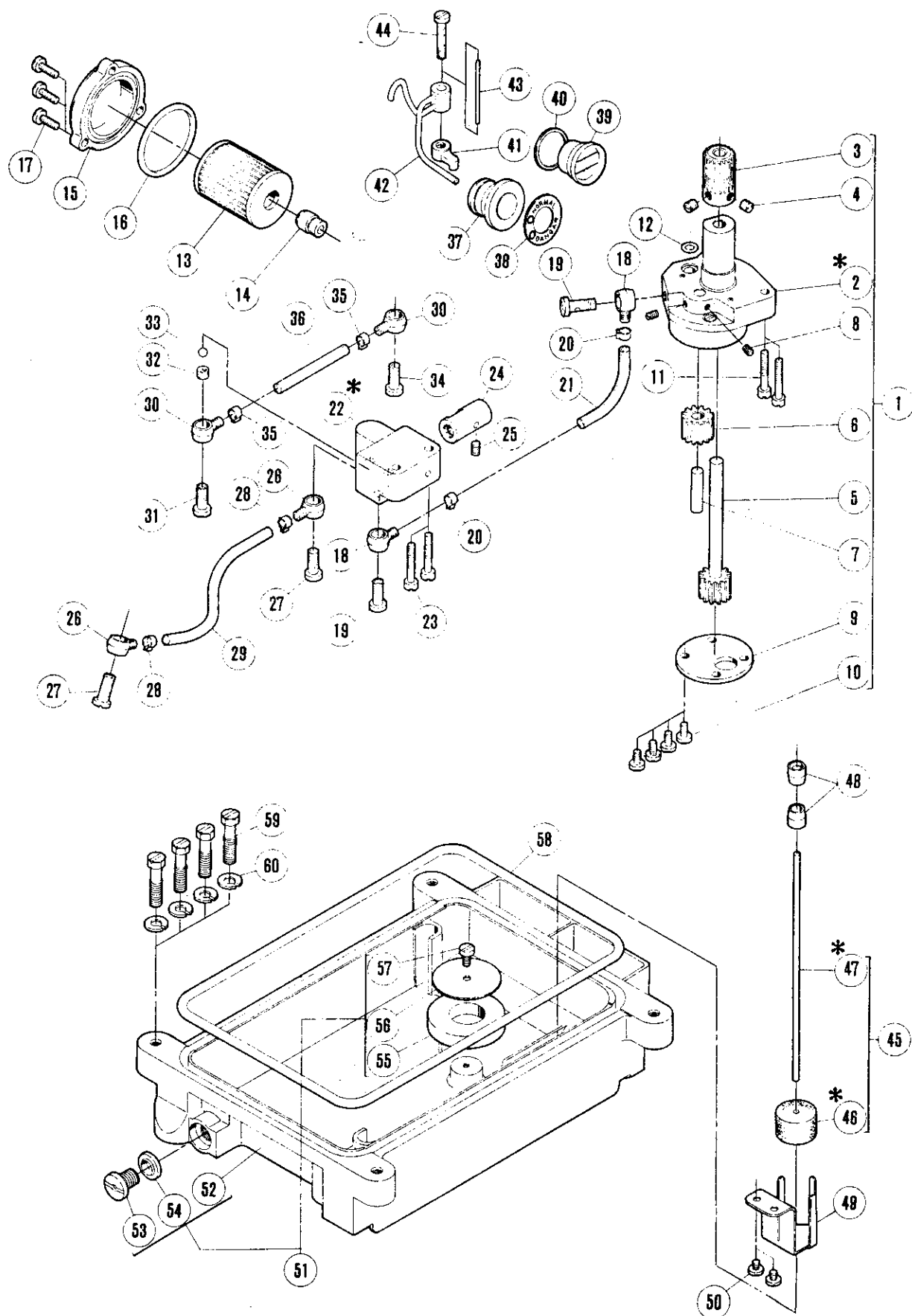
The machines (after the machine number 8613312)
which are manufactured from July, 1987.



LUBRICATING MECHANISM

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	212972-91	09-009820-64	TROCHOID PUMP ASSEMBLY	1
* 2	212976	09-009820-03	TROCHOID PUMP	1
3	211531	09-009733-14	WORM WHEEL	1
4	5060	09-009053-64	SCREW	2
5	212978-91	09-009820-04	ROTOR (INSIDE) SHAFT	1
* 6	212979	09-009820-05	SHAFT	1
* 7	212980	09-009820-06	ROTOR (INSIDE)	1
* 8	206468	09-009820-01	PIN	1
9	212981	09-009820-07	ROTOR (OUTSIDE)	1
10	212982	09-009820-65	PLATE	1
11	213578A	09-009823-78	FILTER	1
12	213579	09-009823-79	GUIDE	1
13	1175-2	09-009048-13	SCREW	3
14	5095	09-009053-83	SCREW	2
15	5145	09-009600-26	SCREW	1
16	204185	09-009067-40	O RING	1
17	206233	09-009070-13	OIL FILTER	1
18	210200	09-009614-64	BRACKET/OIL FILTER	1
19	210201-CD	09-009814-80	OIL FILTER CAP	1
20	206431	09-009070-62	O RING	1
21	5118	09-009053-89	SCREW	3
22	200136	09-009054-86	JOINT	2
23	205113A	09-009820-16	OIL TUBE	1
24	200152	09-009069-37	JOINT SCREW	2
25	202199	09-009829-30	CLAMP	2
26	210198	09-009614-62	OIL MONITOR COMPLETE	1
27	210199	09-009614-63	NAME PLATE/OIL MONITOR	1
28	210190	09-009614-57	OIL SIGHT GAUGE	1
29	211369	09-009732-97	WASHER	1
30	212188	09-009734-35	OIL DISTRIBUTOR	1
31	212998	09-009823-74	JOINT SCREW	1
32	210193	09-009614-60	INDICATOR COMPLETE	1
*33	179257-05	91-179257-05	FLOAT	1
*34	210192	09-009614-59	INDICATOR	1
35	210194	09-009614-61	INDICATOR GUIDE	2
36	210510	09-009617-04	INDICATOR SUPPORT	1
37	2905	09-009823-33	SCREW	2
38	212634	09-009808-30	OIL RESERVOIR COMPLETE	1
39	210211	09-009614-73	OIL RESERVOIR	1
40	5138B	09-009067-17	SCREW	1
41	202287A	09-009051-76	WASHER	1
42	210521	09-009617-13	MAGNET BRACKET	1
43	5117	09-009053-88	SCREW	1
44	210212	09-009614-74	O RING	1
45	5113	09-009054-70	SCREW	4
46	202045	12-500190-45	SPRING WASHER	4
47	210520	09-009617-12	MAGNET	1
48	9A3002	09-009814-81	FILTER SEAL	1

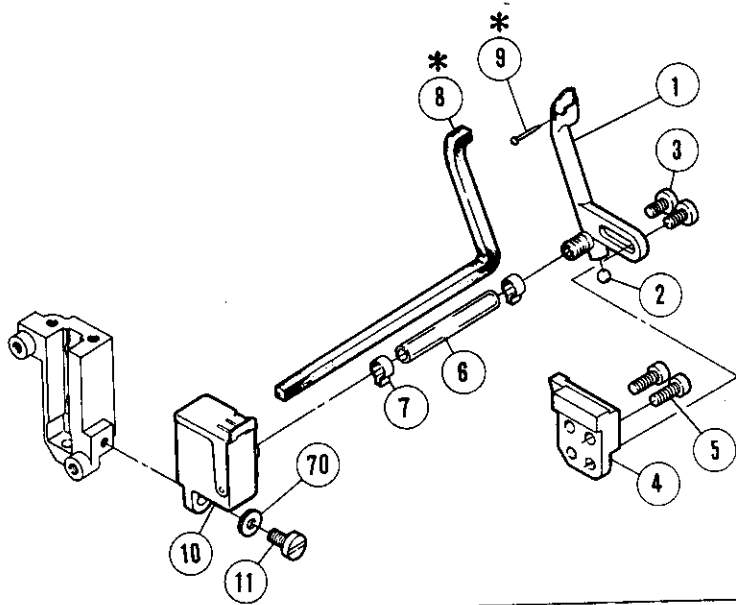
Notice) Parts with mark * are not for sale.



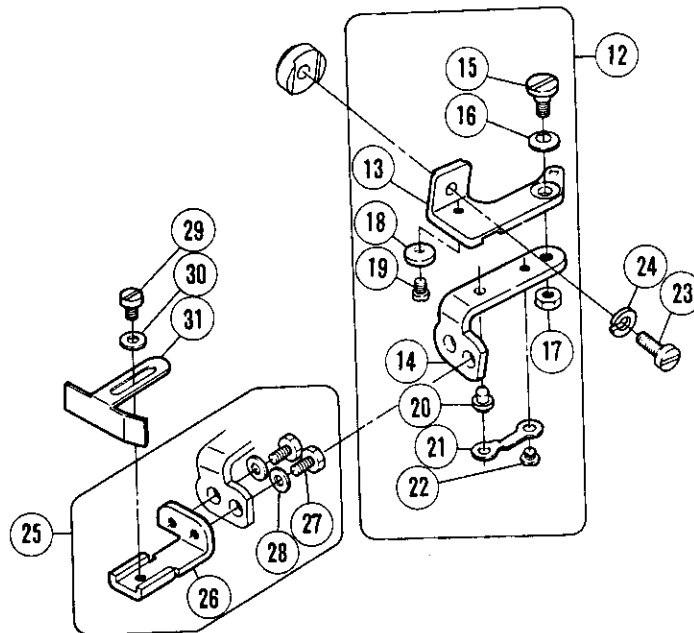
LUBRICATING MECHANISM(OLD)

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	211532	09-009735-08	GEAR PUMP COMPLETE	1
* 2	210188	09-009614-55	GEAR PUMP	1
3	211531	09-009733-14	WORM WHEEL	1
4	5060	09-009053-64	SCREW	2
5	208687	09-009732-77	GEAR	1
6	201295	09-009051-01	GEAR	1
7	204184	09-009067-19	GEAR SHAFT	1
8	1458	09-009048-66	SCREW	2
9	201293A	09-009050-99	PLATE	1
10	5117	09-009053-88	SCREW	3
11	5095	09-009053-83	SCREW	2
12	204185	09-009067-40	O RING	1
13	206233	09-009070-13	OIL FILTER	1
14	210200	09-009614-64	BRACKET/OIL FILTER	1
15	210201-FD	09-009815-71	OIL FILTER CAP	1
16	206431	09-009070-62	O RING	1
17	5118	09-009053-89	SCREW	3
18	200136	09-009054-86	JOINT	2
19	200152	09-009069-37	JOINT SCREW	2
20	202199	09-009829-30	CLAMP	2
21	210701	09-009732-83	OIL TUBE	1
*22	210207	09-009614-70	BY-PASS ASSEMBLY	1
23	5095	09-009053-83	SCREW	2
24	205635	09-009612-79	BY-PASS VALVE ASSEMBLY	1
25	1458	09-009048-66	SCREW	1
26	200136	09-009054-86	JOINT	2
27	200152	09-009069-37	JOINT SCREW	2
28	202199	09-009829-30	CLAMP	2
29	205763	09-009612-86	OIL TUBE	1
30	200136	09-009054-86	JOINT	2
31	200152	09-009069-37	JOINT SCREW	1
32	210744	09-009618-37	POST	1
33	200144	09-009612-67	BALL	1
34	200152	09-009069-37	JOINT SCREW	1
35	202199	09-009829-30	CLAMP	2
36	210208	09-009614-71	TUBE	1
37	210198	09-009614-62	OIL MONITOR COMPLETE	1
38	210199	09-009614-63	NAME PLATE/OIL MONITOR	1
39	210190	09-009614-57	OIL SIGHT GAUGE	1
40	211369	09-009732-97	WASHER	1
41	210202	09-009614-66	LUBRICATION BLOCK	1
42	212188	09-009734-35	OIL DISTRIBUTOR	1
43	210205	09-009614-80	PIN	1
44	210204	09-009614-68	JOINT SCREW	1
45	210193	09-009614-60	INDICATOR COMPLETE	1
*46	179257-05	91-179257-05	FLOAT	1
*47	210192	09-009614-59	INDICATOR	1
48	210194	09-009614-61	INDICATOR GUIDE	2
49	210510	09-009617-04	INDICATOR SUPPORT	1
50	2905	09-009823-33	SCREW	2
51	212634	09-009808-30	OIL RESERVOIR COMPLETE	1
52	210211	09-009614-73	OIL RESERVOIR	1
53	5138B	09-009067-17	SCREW	1
54	202287A	09-009051-76	WASHER	1
55	210520	09-009617-12	MAGNET	1
56	210521	09-009617-13	MAGNET BRACKET	1
57	5117	09-009053-88	SCREW	1
58	210212	09-009614-74	O RING	1
59	5133	09-009612-35	BOLT	4
60	202045	12-500190-45	SPRING WASHER	4

Notice) Parts with mark * are not for sale.



Except 9656A-237



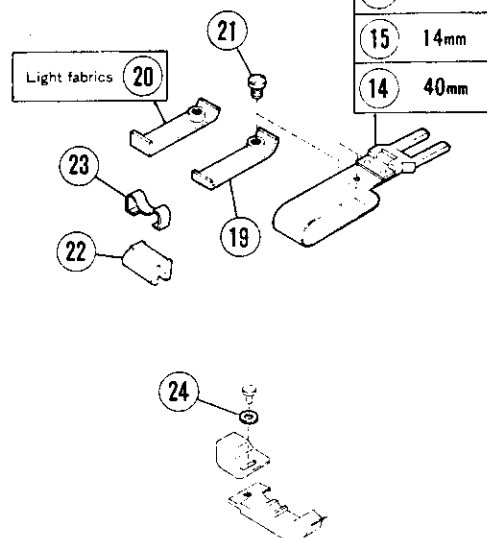
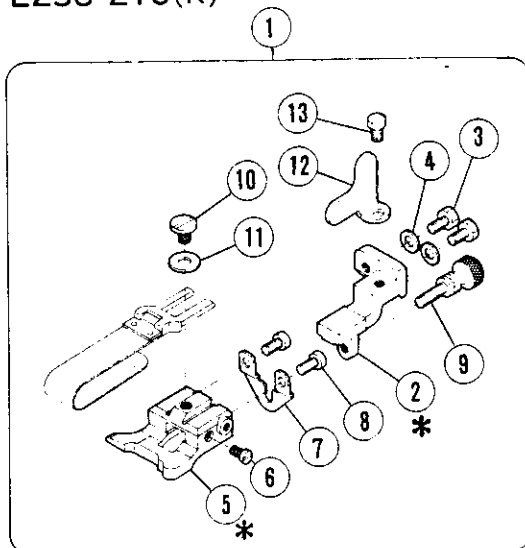
Except 9656A-237

H.R. DEVICE, EDGE GUIDE

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	210213	09-009614-75	NEEDLE COOLER	1
2	210214	09-009614-76	PLUG	1
3	5091	09-009067-20	SCREW	2
4	210215	09-009614-77	BRACKET/NEEDLE COOLER	1
5	5002	09-009053-54	SCREW	2
6	211639	09-009733-18	OIL TUBE	1
7	202199	09-009829-30	CLAMP	2
* 8	202176	26-536302-03	OIL WICK	1
	204270	09-009065-55	OIL FELT	01 1 1006
* 9	210766	09-009823-85	PIN	1
10	210539	09-009617-25	SILICONE OIL RESERVOIR (LOWER)	1
11	5345	09-009070-23	SCREW	1
* 12	5459	09-009830-32	SCREW	15 1
12	210685	09-009617-80	CLOTH GUIDE BRACKET ASSEMBLY	1
13	210680	09-009617-75	CLOTH GUIDE BRACKET	1
14	210681	09-009617-76	HINGE/EDGE GUIDE BRACKET	1
15	5184	09-009054-02	SCREW	1
16	201191	09-009050-43	SPRING	1
17	3044	09-009053-49	NUT	1
18	210682	09-009617-77	STOPPER	1
19	5053	09-009053-62	SCREW	1
20	210683	09-009617-78	PIN	1
21	210684	09-009617-79	FLAT SPRING	1
22	2906	09-009612-23	SCREW	1
23	5118	09-009053-89	SCREW	1
24	202286	09-009051-75	SPRING WASHER	1
25	210686	09-009617-81	BRACKET COMPLETE/EDGE GUIDE	1
26	210687	09-009617-82	BRACKET/EDGE GUIDE	1
27	5088	09-009053-80	SCREW	2
28	167066	09-009601-53	WASHER	2
29	1202	09-009048-17	SCREW	1
30	167066	09-009601-53	WASHER	1
31	204667	09-009068-19	EDGE GUIDE	1
70	201185	09-009050-38	WASHER	1

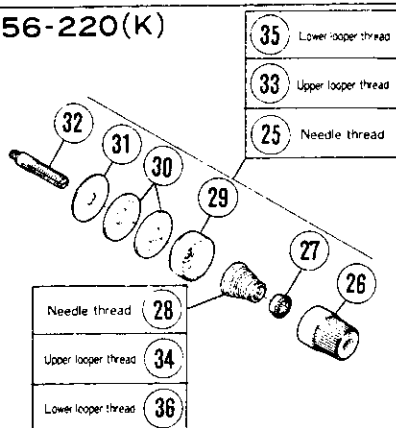
Notice) Parts with mark * are not for sale.

E256-210(K)

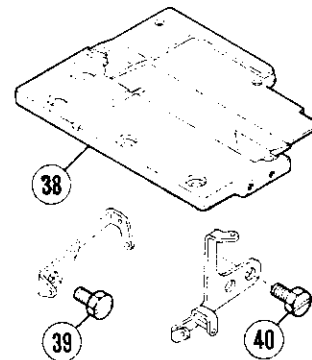


18	52mm
17	27mm
16	21mm
15	14mm
14	40mm

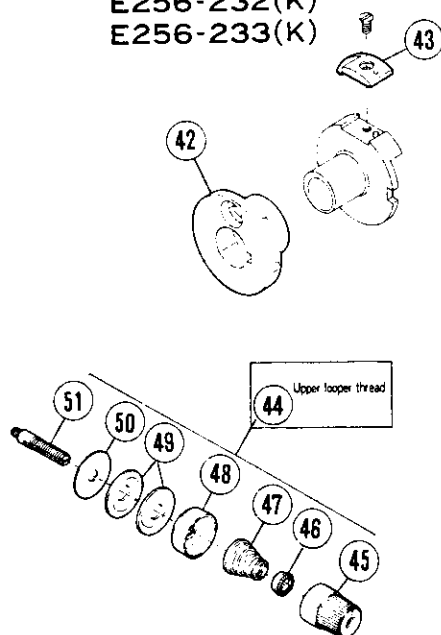
E256-220(K)



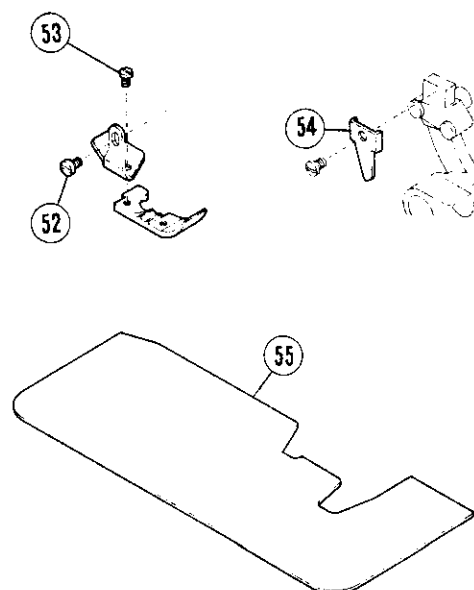
E256-225(K) E256-226(K)



E256-232(K) E256-233(K)



E256-234(K)

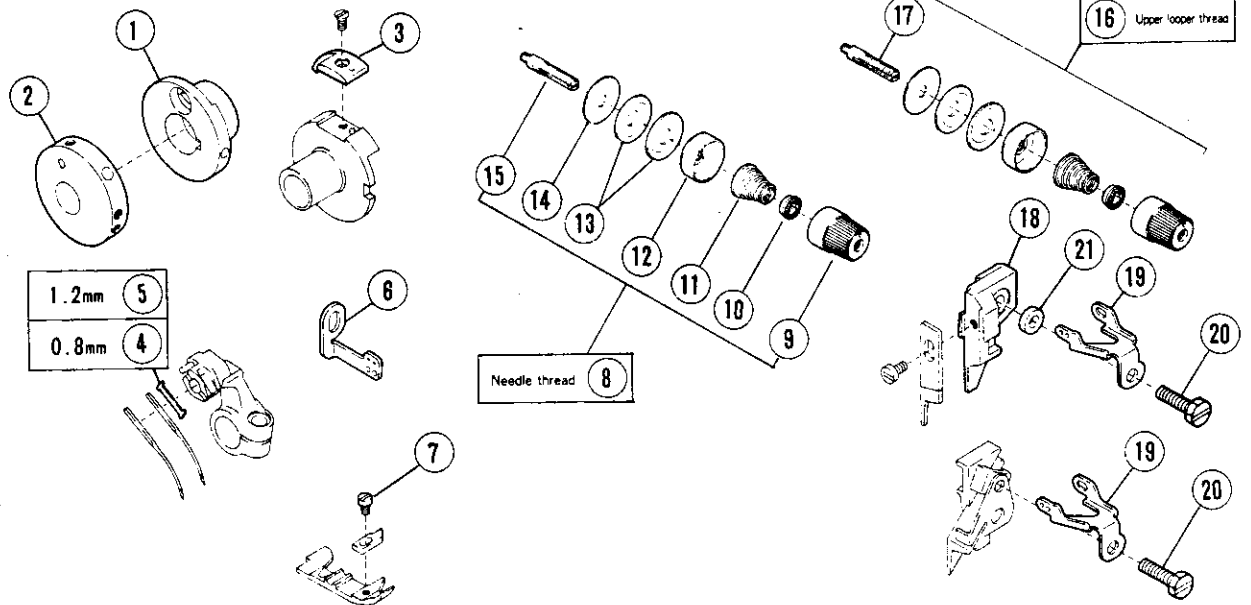


SPECIAL PARTS

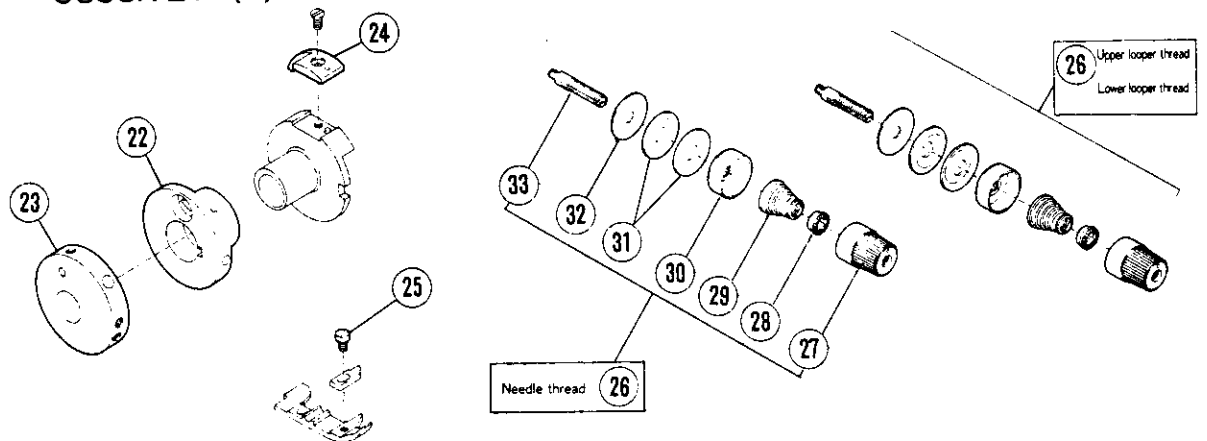
REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	210691	09-009617-85	CLOTH GUIDE COMPLETE	1
* 2	210690	09-009617-84	BRACKET	1
3	5088	09-009053-80	SCREW	2
4	167066	09-009601-53	WASHER	2
* 5	205361	09-009612-75	CLOTH GUIDE	1
6	5070	09-009068-70	SCREW	1
7	210689	09-009617-83	ADJUSTING PLATE	1
8	5157	09-009804-01	SCREW	2
9	2430	09-009053-41	SCREW	1
10	2905	09-009823-33	SCREW	1
11	137142	09-009048-30	WASHER	1
12	210692	09-009617-86	STOPPER	1
13	1206	09-009048-19	SCREW	1
14	201211C91	09-009819-99	FOLDER COMPLETE (40MM)	1
* 15	201211B	09-009050-51	FOLDER COMPLETE (40MM)	09 1 220787
15	205457A91	09-009826-67	FOLDER COMPLETE (14MM)	1
	205457	09-009800-06	FOLDER COMPLETE (14MM)	09 1 220787
16	205678A91	09-009823-16	FOLDER COMPLETE (21MM)	1
* 17	205678	09-009612-81	FOLDER COMPLETE (52MM)	09 1 220787
	205679A91	09-009823-17	FOLDER COMPLETE (27MM)	1
* 18	205679	09-009612-82	FOLDER COMPLETE (14MM)	09 1 220787
	205456A91	09-009823-15	FOLDER COMPLETE (52MM)	1
* 19	205456	09-009612-77	FOLDER COMPLETE (51MM)	09 1 220787
	205835	09-009800-07	AUXILIARY PLATE	1
20	205834	09-009803-80	AUXILIARY PLATE (FOR THIN)	1
21	5299	09-009067-14	SCREW	1
22	303312A	09-009617-99	REGULATOR	1
23	303313	09-009618-00	FLAT SPRING	1
24	210585	09-009617-43	WASHER	1
25	210531-BA	09-009812-92	THREAD TENSION COMPLETE	1
26	208447-BA	09-009607-58	POST NUT	1
27	208448	09-009607-59	SPRING BUSHING	1
28	201068	09-009049-44	SPRING (LIGHT)	1
29	208450-BA	09-009607-61	CUP	1
30	210319	09-009615-68	TENSION DISC	2
31	208449	09-009607-60	FELT	1
32	5082A	09-009053-74	SCREW STUD	1
33	210529-BA	09-009812-91	THREAD TENSION COMPLETE	1
34	201037	09-009049-22	SPRING (HEAVY)	1
35	210530-BA	09-009812-90	THREAD TENSION COMPLETE	1
36	201086	09-009049-57	SPRING (MEDIUM)	1
38	301977	09-009815-73	COVER PLATE (LEFT)	1
39	2193	09-009053-37	SCREW	1
40	2193	09-009053-37	SCREW	1
42	211563	09-009804-24	ECCENTRIC/FEED DRIVE	1
43	211805	09-009804-14	STOPPER	1
44	210530-BA	09-009812-90	THREAD TENSION COMPLETE	1
45	208447-BA	09-009607-58	POST NUT	1
46	208448	09-009607-59	SPRING BUSHING	1
47	201086	09-009049-57	SPRING (MEDIUM)	1
48	208450-BA	09-009607-61	CUP	1
49	210319	09-009615-68	TENSION DISC	2
50	208449	09-009607-60	FELT	1
51	5082A	09-009053-74	SCREW STUD	1
52	2921	09-009053-46	SCREW	1
53	1333	09-009048-27	SCREW	1
54	211609	09-009804-15	STOPPER	1
55	211808	09-009804-16	CLOTH PLATE	1

Notice) Parts with mark * are not for sale.

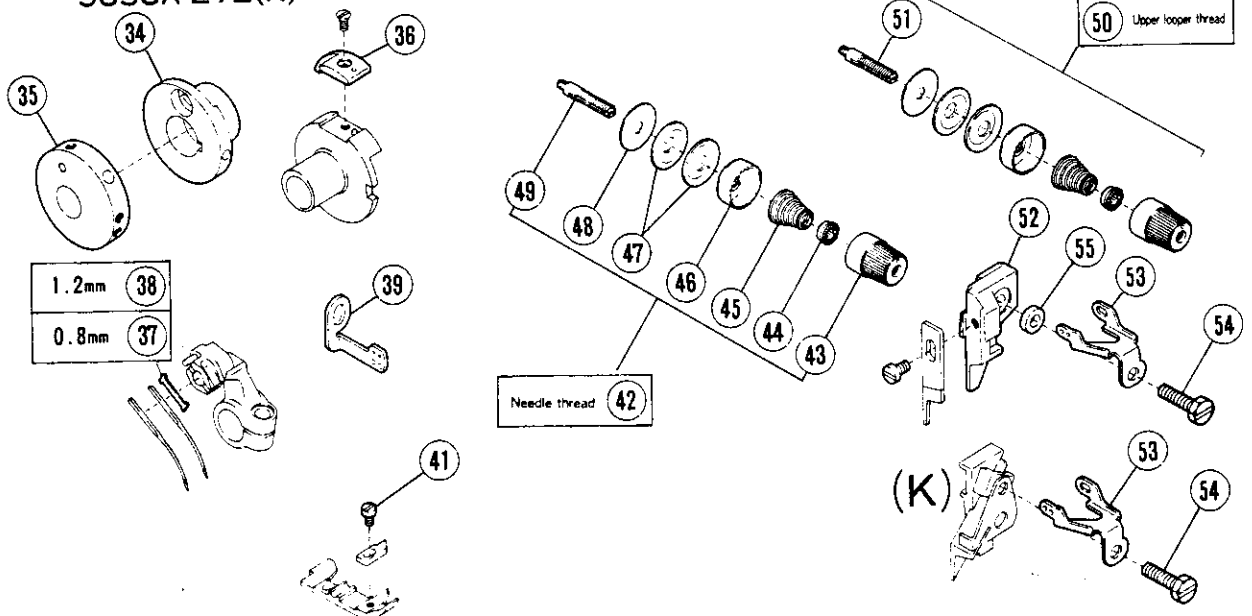
9656A-270(K)



9656A-271(K)



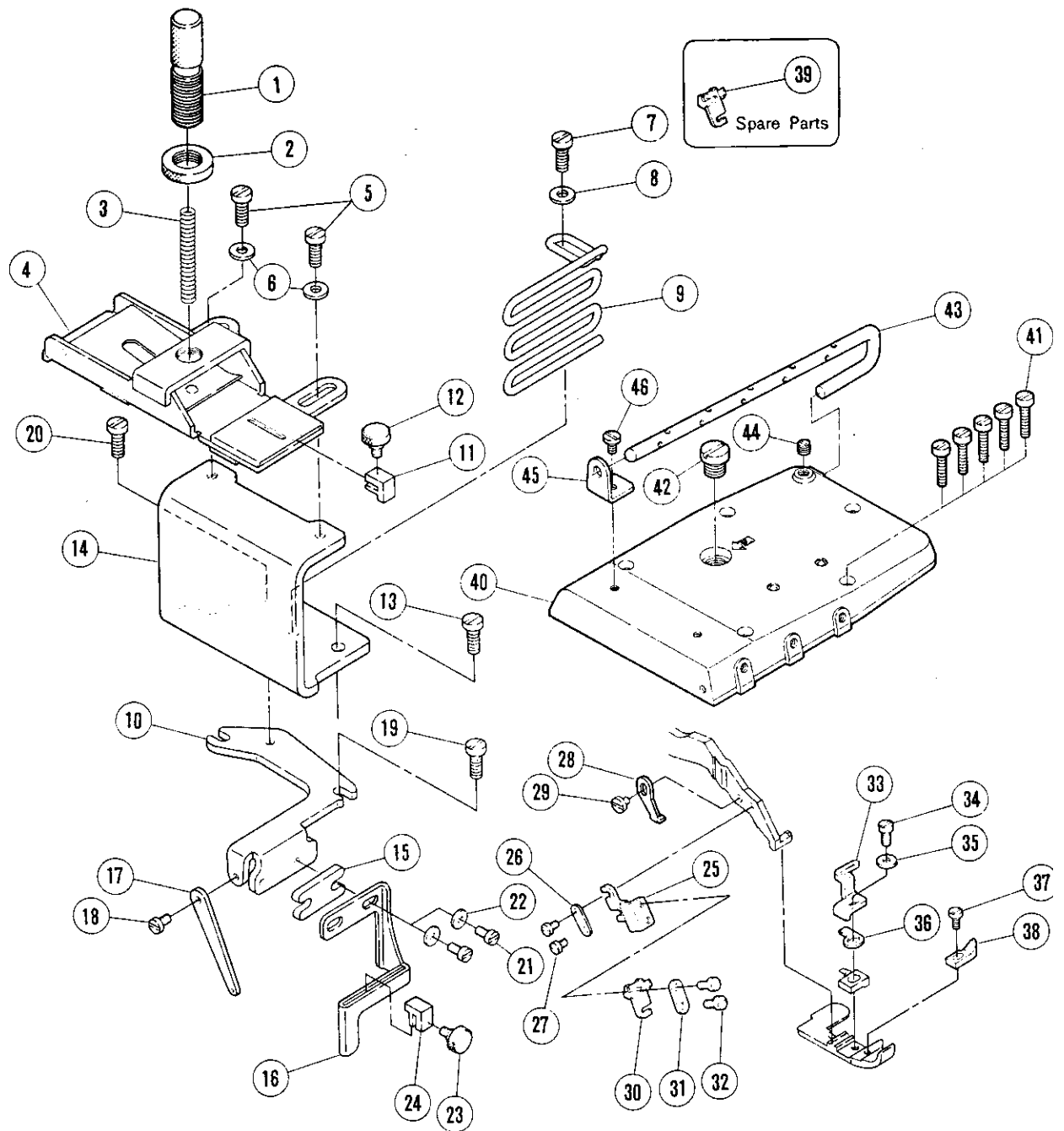
9656A-272(K)



SPECIAL PARTS

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	211563	09-009804-24	ECCENTRIC/FEED DRIVE	1
2	210128	09-009614-05	FEED ECCENTRIC RETAINER	1
3	211805	09-009804-14	STOPPER	1
4	211452	09-009804-20	SHIM/0.8MM	1
5	211453	09-009804-21	SHIM/1.2MM	1
6	211561	09-009804-23	THREAD GUIDE (CENTER)	1
7	1333	09-009048-27	SCREW	1
8	211556-BA	09-009826-82	THREAD TENSION COMPLETE	2
	212817-BA	09-009829-64	THREAD TENSION COMPLETE	15 2 260690
9	208447-BA	09-009607-58	POST NUT	1
10	208448	09-009607-59	SPRING BUSHING	1
11	211562	09-009804-19	SPRING (LIGHT)	1
12	208450-BA	09-009607-61	CUP	1
13	210319	09-009615-68	TENSION DISC	2
14	208449	09-009607-60	FELT	1
15	5082A	09-009053-74	SCREW STUD	1
	5143A	09-009600-25	STUD	15 1 260690
16	211556-BA	09-009826-82	THREAD TENSION COMPLETE	1
17	5082A	09-009053-74	SCREW STUD	1
18	210178A	09-009814-56	UPPER KNIFE CLAMP	1
19	212818	09-009815-75	THREAD TAKEUP	1
20	5504	09-009804-07	SCREW	1
21	179615-25	91-179615-25	SPACER	1
22	211563	09-009804-24	ECCENTRIC/FEED DRIVE	1
23	210128	09-009614-05	FEED ECCENTRIC RETAINER	1
24	211805	09-009804-14	STOPPER	1
25	1333	09-009048-27	SCREW	1
26	211556-BA	09-009826-82	THREAD TENSION COMPLETE	3
27	208447-BA	09-009607-58	POST NUT	1
28	208448	09-009607-59	SPRING BUSHING	1
29	211562	09-009804-19	SPRING (LIGHT)	1
30	208450-BA	09-009607-61	CUP	1
31	210319	09-009615-68	TENSION DISC	2
32	208449	09-009607-60	FELT	1
33	5082A	09-009053-74	SCREW STUD	1
34	211563	09-009804-24	ECCENTRIC/FEED DRIVE	1
35	210128	09-009614-05	FEED ECCENTRIC RETAINER	1
36	211805	09-009804-14	STOPPER	1
37	211452	09-009804-20	SHIM/0.8MM	1
38	211453	09-009804-21	SHIM/1.2MM	1
39	211561	09-009804-23	THREAD GUIDE (CENTER)	1
40				
41	1333	09-009048-27	SCREW	1
42	211581-BA	29-009829-63	THREAD TENSION COMPLETE	2
43	208447-BA	09-009607-58	POST NUT	1
44	208448	09-009607-59	SPRING BUSHING	1
45	201086	09-009049-57	SPRING (MEDIUM)	1
46	208450-BA	09-009607-61	CUP	1
47	210319	09-009615-68	TENSION DISC	2
48	208449	09-009607-60	FELT	1
49	5143A	09-009600-25	STUD	1
50	210530-BA	09-009812-90	THREAD TENSION COMPLETE	1
51	5082A	09-009053-74	SCREW STUD	1
52	210178A	09-009814-56	UPPER KNIFE CLAMP	1
53	212818	09-009815-75	THREAD TAKEUP	1
54	5504	09-009804-07	SCREW	1
55	179615-25	91-179615-25	SPACER	1

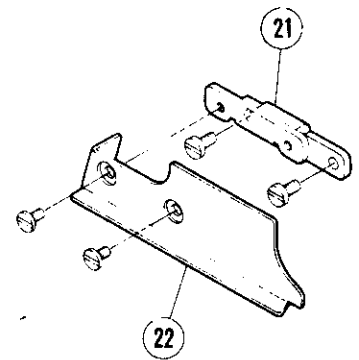
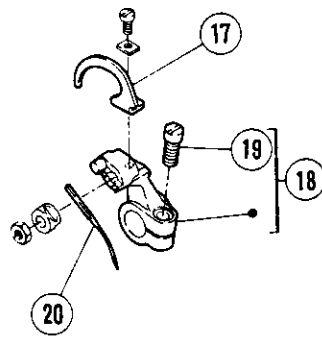
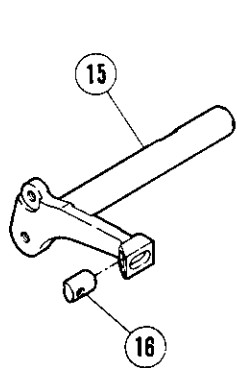
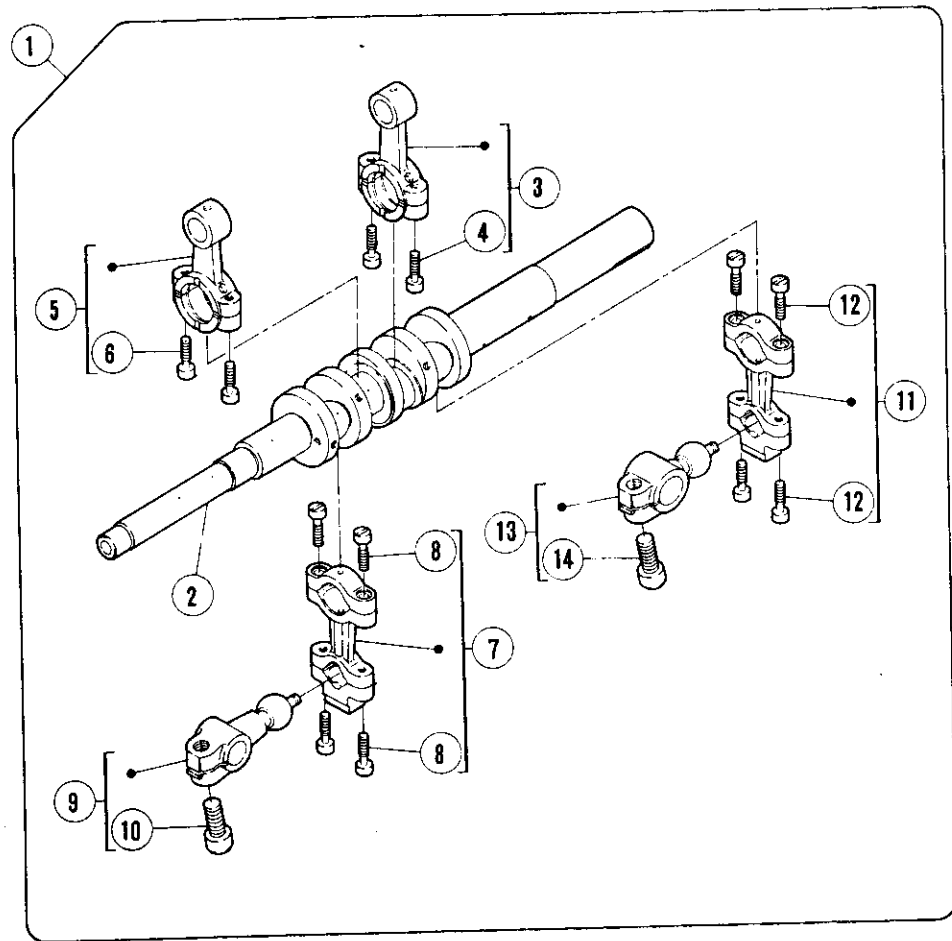
9656A-291(K)



SPECIAL PARTS

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	208774	09-009612-99	THUMB SCREW	1
2	210328	09-009615-75	ADJUSTING SCREW NUT	1
3	212087	09-009815-76	SPRING	1
4	212079A91	09-009830-36	LACE GUIDE ASSEMBLY	1
5	5117	09-009053-88	SCREW	2
6	201185	09-009050-38	WASHER	2
7	5117	09-009053-88	SCREW	1
8	208245	09-009612-96	WASHER	1
9	213512	09-009830-38	LACE GUIDE	1
10	212813	09-009815-78	BRACKET/LACE GUIDE	1
11	212089	09-009815-80	BRACKET	1
12	5599	09-009815-81	SCREW	1
13	5118	09-009053-89	SCREW	1
14	213507	09-009829-72	BRACKET	1
15	213508	09-009829-73	SPACER	1
16	212088	09-009815-79	LACE GUIDE	1
17	212814	09-009815-82	THREAD GUIDE	1
18	5089	09-009053-81	SCREW	1
19	5117	09-009053-88	SCREW	1
20	5453	09-009612-40	SCREW	1
21	5003	09-009600-21	SCREW	2
22	202875	09-009601-76	WASHER	2
23	5599	09-009815-81	SCREW	1
24	212089	09-009815-80	BRACKET	1
25	213509	09-009829-74	BRACKET/LOOPER COVER	1
26	212807	09-009815-57	WASHER	1
27	5141	09-009600-24	SCREW	2
28	212806	09-009815-69	STOPPER	1
29	2921	09-009053-46	SCREW	1
30	213510	09-009829-75	LACE GUIDE	1
31	212807	09-009815-57	WASHER	1
32	1231	09-009048-09	SCREW	1
33	212706	09-009815-86	STOPPER/PRESSER FOOT	1
34	5029	09-009053-59	SCREW	1
35	202875	09-009601-76	WASHER	1
36	211876	09-009803-85	SET PLATE/PRESSER FOOT	1
37	1333	09-009048-27	SCREW	1
38	211557	09-009732-30	FABRIC GUARD	1
39	213510A	09-009829-76	LACE GUIDE	1
40	210034-CD	09-009824-76	TOP COVER	1
41	5095	09-009053-83	SCREW	5
42	5198	09-009054-04	SCREW	1
43	210036	09-009613-28	THREAD GUIDE BAR	1
44	5060	09-009053-64	SCREW	1
45	210037	09-009613-29	BRACKET	1
46	4009-1	09-009053-53	SCREW	1

9656A-291 (K)



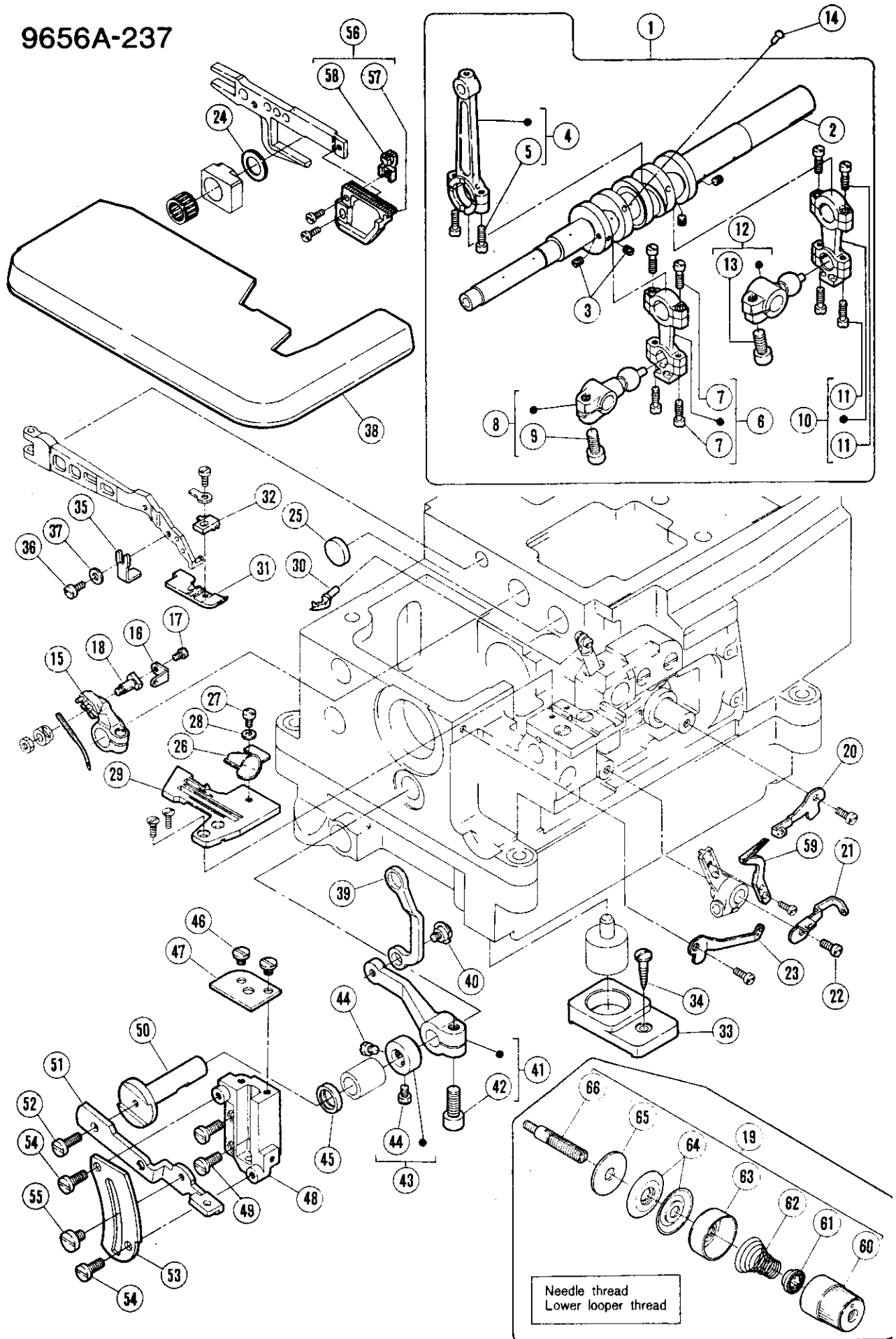
SPECIAL PARTS

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	212394C	09-009815-91	CRANKSHAFT ASSEMBLY	1
2	210048	09-009613-37	CRANKSHAFT	1
3	210063	09-009613-50	CONNECTION/NEEDLE DRIVE	1
4	5376	09-009612-37	SCREW	2
5	210173	09-009614-43	CONNECTION/UPPER KNIFE DRIVE	1
6	5376	09-009612-37	SCREW	2
7	210091	09-009613-72	CONNECTION	1
8	5376	09-009612-37	SCREW	4
9	210735	09-009618-54	CRANK/LOWER LOOPER	1
10	5457	09-009612-42	SCREW	1
11	210091	09-009613-72	CONNECTION	1
12	5376	09-009612-37	SCREW	4
13	210733	09-009618-50	CRANK/UPPER LOOPER	1
14	5457	09-009612-42	SCREW	1
15	212100	09-009815-89	UPPER KNIFE LEVER	1
16	212101	09-009815-90	PIN	1
17	212099	09-009815-83	THREAD TAKEUP	1
18	210960	09-009815-84	NEEDLE ARM/1-NEEDLE	1
19	5485	09-009612-52	SCREW	1
20	XXXXXX		NEEDLE	1
21	212091	09-009815-88	BRACKET	1
22	212090	09-009815-87	CLOTH GUIDE PLATE	1

PLEASE NOTE :

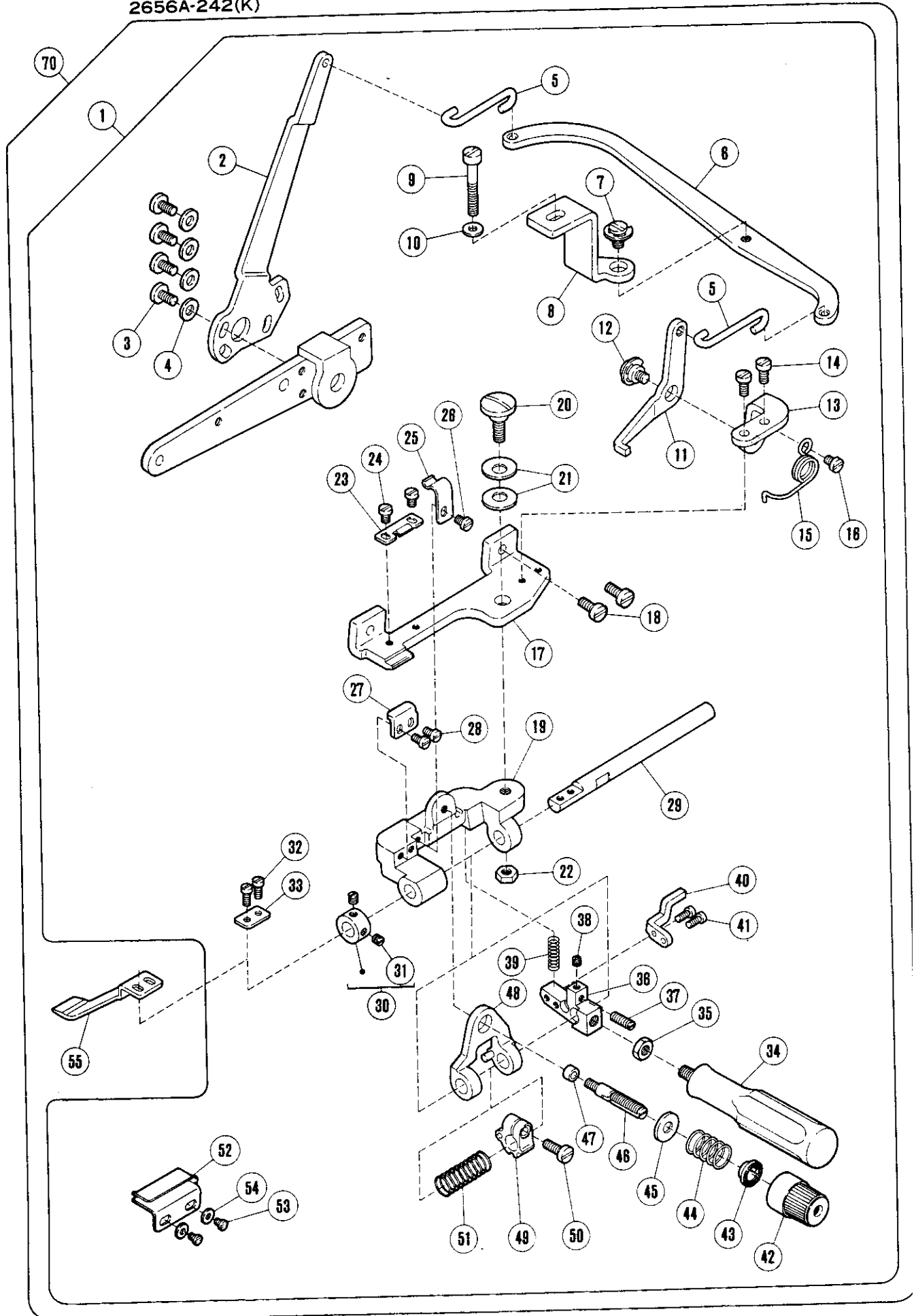
「XXXXXX」 is one of the gauge parts.

9656A-237



SPECIAL PARTS

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	212941A	09-009829-65	CRANKSHAFT ASSEMBLY	1
2	210048-PB	09-009830-34	CRANKSHAFT	1
3	1459	09-009053-73	SCREW	4
4	210063	09-009613-50	CONNECTION/NEEDLE DRIVE	1
5	5376	09-009612-37	SCREW	2
6	210091	09-009613-72	CONNECTION	1
7	5376	09-009612-37	SCREW	4
8	210734	09-009618-53	CRANK/LOWER LOOPER DRIVE	1
9	5457	09-009612-42	SCREW	1
10	210091	09-009613-72	CONNECTION	1
11	5376	09-009612-37	SCREW	4
12	210731	09-009618-51	CRANK/UPPER LOOPER	1
13	5457	09-009612-42	SCREW	1
14	208627	09-009829-56	OIL PLUG	1
15	210070A92	09-009829-60	NEEDLE ARM/1-NEEDLE	1
16	205881	09-009829-54	THREAD TAKEUP	1
17	1229	09-009048-22	SCREW	1
18	205377	09-009829-53	NEEDLE CLAMP SCREW	1
19	210531-BA	09-009812-92	THREAD TENSION COMPLETE	2
20	212948A	09-009829-69	THREAD TAKEUP	1
21	212948	09-009829-68	THREAD TAKEUP	1
22	4009-1	09-009053-53	SCREW	1
23	212948B	09-009829-70	THREAD GUIDE	1
24	208235	09-009606-51	WASHER	1
25	210003	09-009613-03	PLUG	1
26	205886	09-009829-55	BINDER	1
27	1216	09-009048-20	SCREW	1
28	137142	09-009048-30	WASHER	1
29	XXXXXX		NEEDLE PLATE	1
30	XXXXXX		UPPER LOOPER	1
31	XXXXXX		PRESSER FOOT	1
32	XXXXXX		PRESSER FOOT FINGER	1
33	208756	09-009829-57	BRACKET/CUSHION RUBBER	4
34	4905	09-009612-32	SCREW	4
35	212949	09-009829-71	STOPPER/PRESSER FOOT	1
36	5600	09-009732-71	SCREW	1
37	202875	09-009601-76	WASHER	1
38	210881E91	29-009829-62	CLOTH PLATE (NARROW)	1
39	210161	09-009614-33	LINK/DIFF. FEED REGULATING	1
40	5316	09-009601-16	SCREW	1
41	210162	09-009614-34	LEVER/DIFF. FEED REGULATING	1
42	5457	09-009612-42	SCREW	1
43	204754A	09-009814-34	COLLAR	1
44	5084	09-009053-76	SCREW	2
45	204052A	09-009064-62	OIL SEAL	1
46	5091	09-009067-20	SCREW	2
47	210534	09-009617-22	GUIDE/DIFF. FEED REG. BAR	1
48	211314	09-009732-87	REGULATING BASE/DIFF. FEED	1
49	5118	09-009053-89	SCREW	2
50	210163	09-009614-35	SHAFT/DIFF. FEED REGULATING	1
51	210166	09-009614-37	LEVER/DIFF. FEED REGULATING	1
52	5117	09-009053-88	SCREW	1
53	210168	09-009614-39	REGULATING PLATE/DIFF. FEED	1
54	5117	09-009053-88	SCREW	2
55	5147	09-009053-96	SCREW	1
56	XXXXXX		MAIN FEED DOG COMPLETE	1
57	XXXXXX		MAIN FEED DOG	1
58	XXXXXX		AUXILIARY FEED DOG	1
59	XXXXXX		LOWER LOOPER	1
60	208447-BA	09-009607-58	POST NUT	1
61	208448	09-009607-59	SPRING BUSHING	1
62	201068	09-009049-44	SPRING (LIGHT)	1
63	208450-BA	09-009607-61	CUP	1
64	210319	09-009615-68	TENSION DISC	2
65	208449	09-009607-60	FELT	1
66	5082A	09-009053-74	SCREW STUD	1

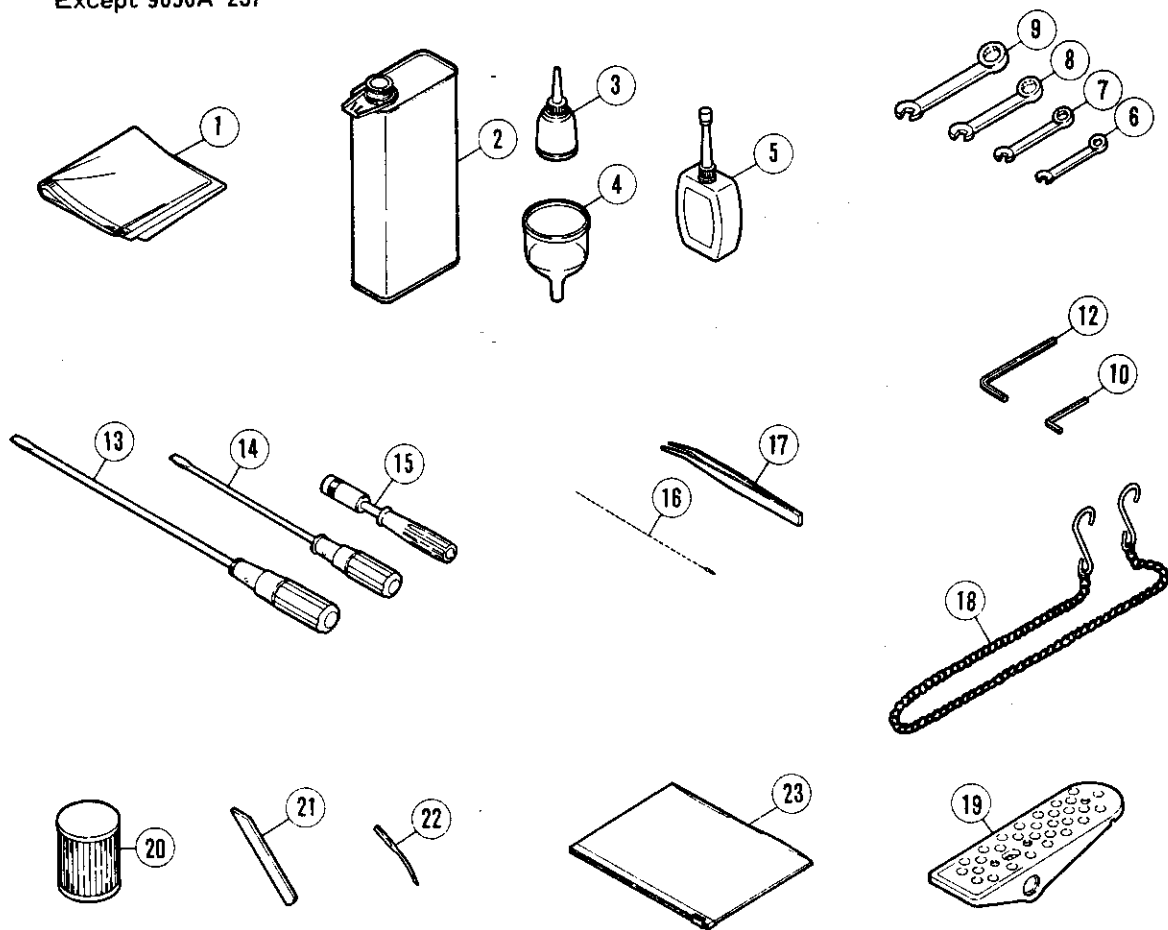


SPECIAL PARTS

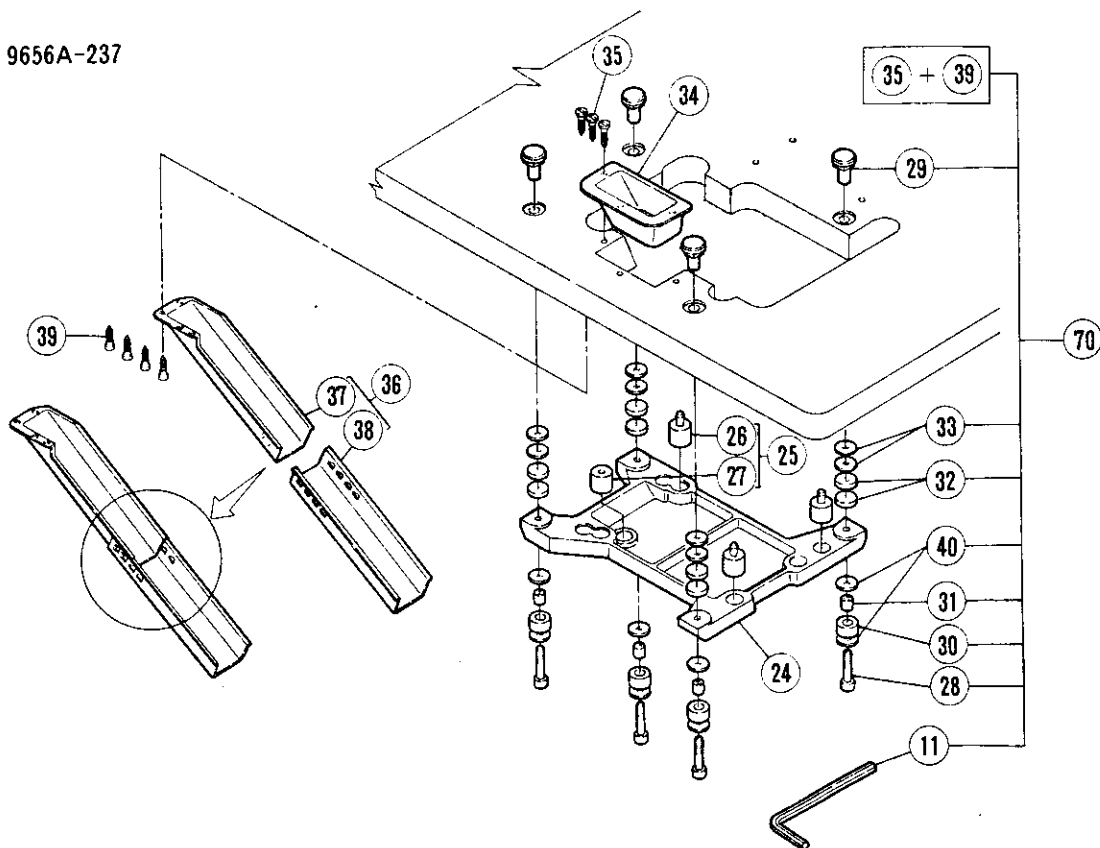
REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	212586	09-009815-92	SHIRring ATTACHMENT COMPLETE	1
2	211092	09-009618-80	LEVER	1
3	2193	09-009053-37	SCREW	4
4	200098	09-009048-70	WASHER	4
5	211093	09-009618-81	LINK	2
6	211094	09-009618-82	LEVER	1
7	5316	09-009601-16	SCREW	1
8	211095	09-009618-83	BRACKET	1
9	5094	09-009053-82	SCREW	1
10	137142	09-009048-30	WASHER	1
11	211096	09-009618-84	LEVER	1
12	5316	09-009601-16	SCREW	1
13	211097	09-009618-85	BRACKET	1
14	5142	09-009053-94	SCREW	2
15	211098	09-009618-86	SPRING	1
16	1234	09-009048-23	SCREW	1
17	210935	09-009618-61	BRACKET	1
18	5118	09-009053-89	SCREW	2
19	210936	09-009618-62	BRACKET	1
20	5513	09-009618-58	SCREW	1
21	204888	09-009602-49	SPRING	2
22	5104	09-009600-23	NUT	1
23	210947	09-009618-71	FLAT SPRING	1
24	1206	09-009048-19	SCREW	2
25	210946	09-009618-70	FLAT SPRING	1
26	1206	09-009048-19	SCREW	1
27	210945	09-009618-69	STOPPER	1
28	5328	09-009071-11	SCREW	2
29	210937	09-009618-63	SHAFT	1
30	206225	09-009618-60	COLLAR	1
31	1457-1	09-009048-65	SCREW	2
32	5029	09-009053-59	SCREW	2
33	210955	09-009618-77	WASHER	1
34	210948	09-009618-73	LEVER	1
35	5104	09-009600-23	NUT	1
36	211614	09-009800-69	BRACKET	1
37	1435	09-009048-63	SCREW	1
38	5292	09-009064-89	SCREW	1
39	210952	09-009618-75	SPRING	1
40	211099	09-009618-87	PLATE	1
41	5029	09-009053-59	SCREW	2
42	208447-BA	09-009607-58	POST NUT	1
43	208448	09-009607-59	SPRING BUSHING	1
44	210940	09-009618-66	SPRING	1
45	204091	09-009055-59	WASHER	1
46	5082A	09-009053-74	SCREW STUD	1
47	210944	09-009618-68	WASHER	1
48	211613	09-009800-68	GUIDE	1
49	210938	09-009618-64	LATCH	1
50	5118	09-009053-89	SCREW	1
51	210939	09-009618-65	SPRING	1
52	210961	09-009618-78	CLOTH GUIDE	1
53	1234	09-009048-23	SCREW	2
54	137906	09-009048-42	WASHER	2
55	210954	09-009618-76	BLADE	1
* 70	211100	09-009734-92	SHIRring ATTACHMENT COMPLETE	1

Notice) Parts with mark * are not for sale.

Except 9656A-237



Except 9656A-237

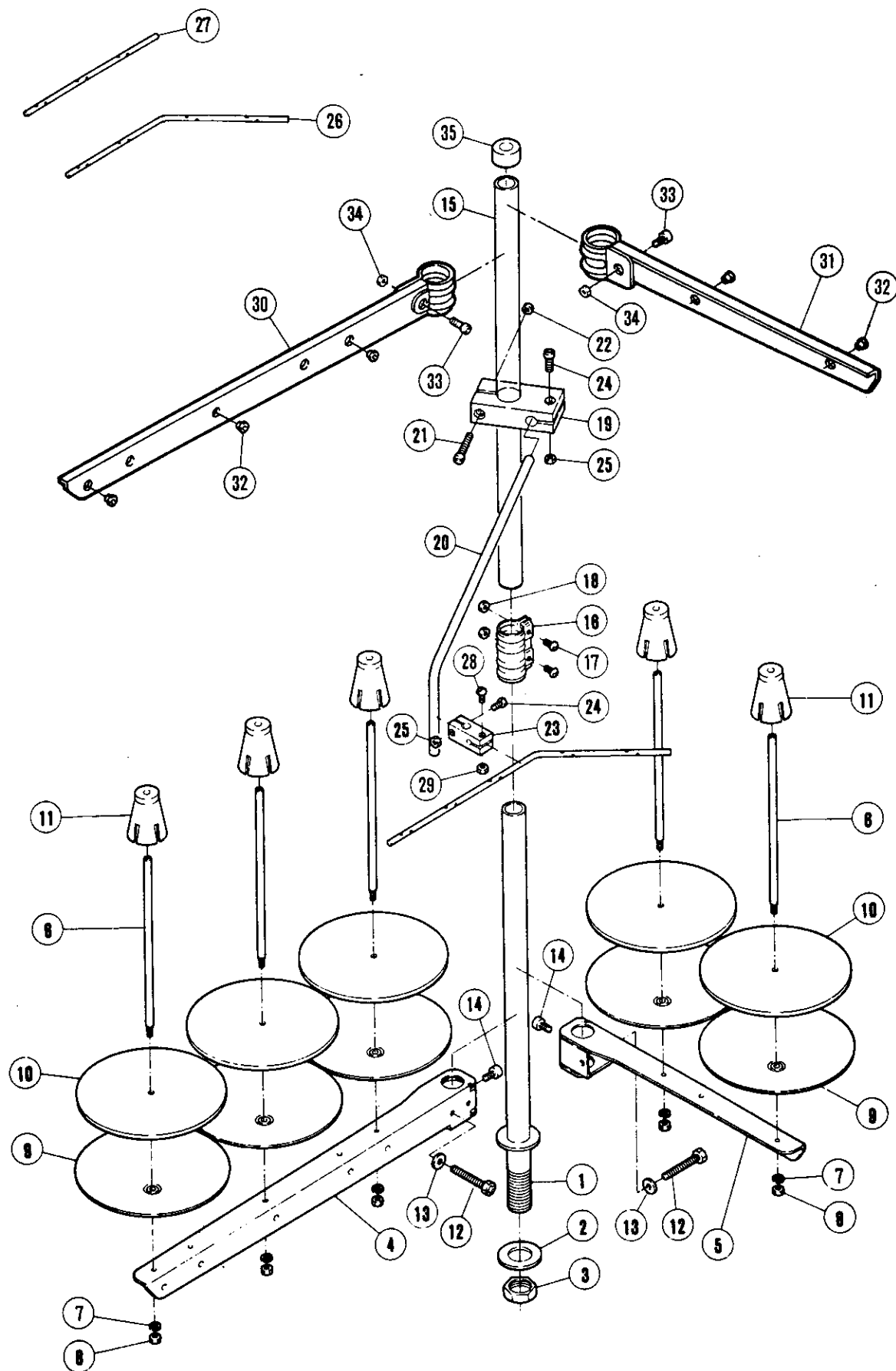


ACCESSORIES PARTS FOR SEMI-SUBMERGED INSTALLATION

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
1	908	09-400032-00	DUST COVER	
2	453	09-009734-78	OIL CONTAINER/1000CC	
3	485	09-400030-00	OILER	
4	484	09-400029-00	OIL FUNNEL	
5	178	09-009600-03	CONTAINER - SILICONE	
6	282	09-009048-05	WRENCH/5MM	
7	283	09-009048-24	WRENCH/6MM	
8	284	09-009048-25	WRENCH/7MM	
9	285	09-009048-26	WRENCH/8MM	
10	322	09-009815-06	ALLEN KEY/2.38MM	
11	272	09-009612-01	ALLEN KEY/6MM	1
12	200	09-009815-07	ALLEN KEY/4.76MM	
13	127	91-029007-91	SCREWDRIVER (LARGE)	
14	128	91-029480-91	SCREWDRIVER (MEDIUM)	
15	152	09-009050-57	SOCKET WRENCH	
16	153	09-009819-55	THREADING WIRE	
17	131	09-009815-08	TWEEZERS	
18	392	09-009734-77	CHAIN	
19	480	09-009815-09	PEDAL	
20	206233	09-009070-13	OIL FILTER	
21	XXXXXX		LOWER KNIFE	
22	XXXXXX		NEEDLE	
23	482	09-400028-00	ACCESSORY BAG	
24	205466	09-009603-75	MACHINE REST BOARD	1
25	9029	09-009734-85	CUSHION RUBBER (SET)	1
26	205473		CUSHION RUBBER	3
27	210523	09-009617-14	CUSHION RUBBER	1
28	4512	09-400788-00	SCREW	4
29	206336	09-009604-60	NUT	4
30	205764	09-009612-87	CUSHION RUBBER	4
31	205765	09-009612-88	LINER	4
32	205467	09-009603-76	SPACER	12
33	206337	09-009612-93	WASHER	8
34	205470-JA		WASTE CHUTE TOP	1
35	4904	09-009612-31	SCREW	3
36	9050	09-009815-93	WASTE CHUTE SET	1
37	205468-JA	09-009603-77	WASTE CHUTE TOP (A)	1
38	205469-JA	09-009603-78	WASTE CHUTE TOP (B)	1
39	4905	09-009612-32	SCREW	4
40	206337	09-009612-93	WASHER	8
70	9030	09-009823-63	BOLT SET	1

PLEASE NOTE :

「XXXXXXX」 is one of the gauge parts.

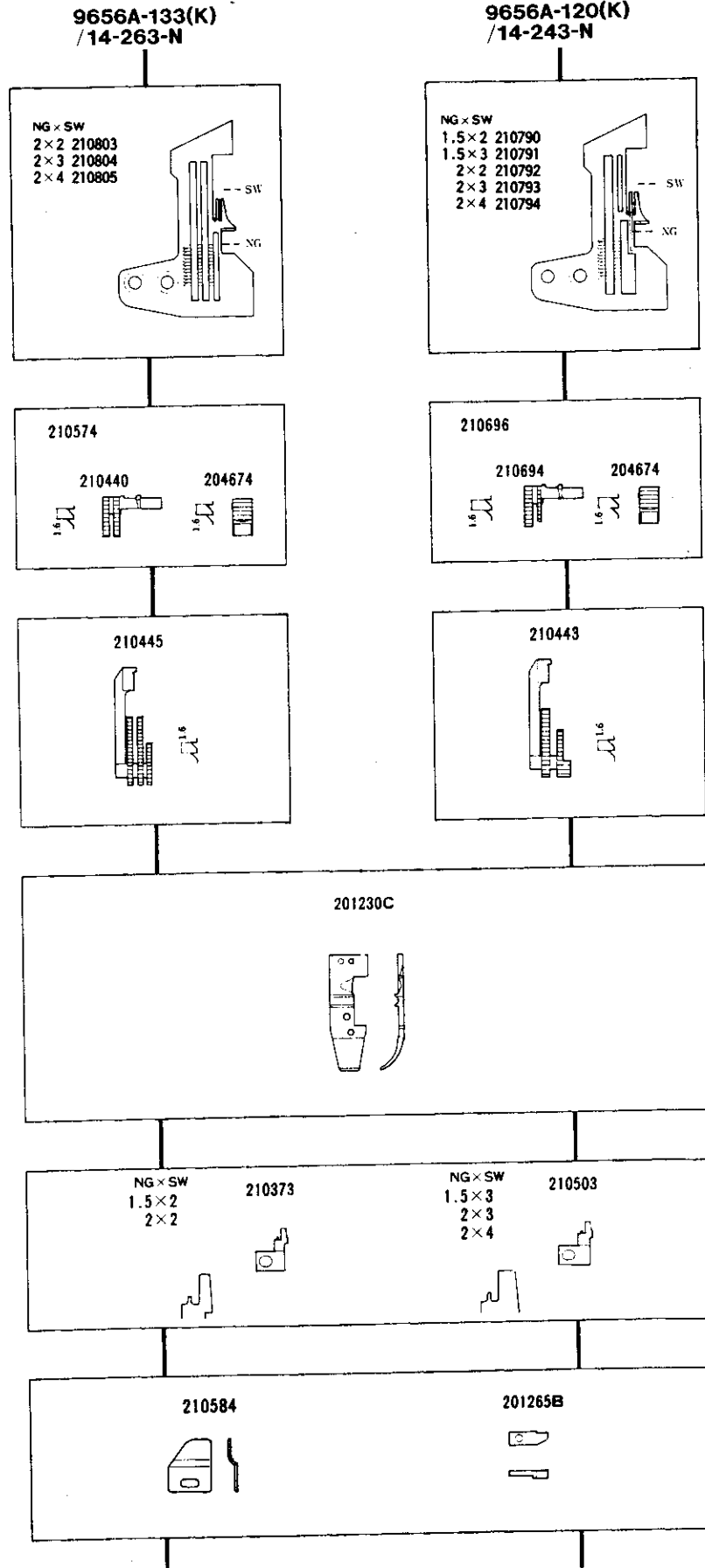


THREAD STAND

REF. NO.	PART NO.	PFAFF-NO.	NAME	QT.
	486B9C	09-400773-00	THREAD STAND ASS. (4-SPOOLS)	1
	486C9C	09-400774-00	THREAD STAND ASS. (3-SPOOLS)	1
1	503-CA	09-009815-12	THREAD STAND ROD (LOWER)	1
2	509	09-400784-00	WASHER	1
3	5476	09-009612-45	NUT	1
4	505-CA	09-400781-00	BRACKET	1
5	505ACA	09-400780-00	BRACKET	
6	380A	09-009807-04	SPOOL PIN	3
7	201252	09-009050-73	SPRING WASHER	3
8	4803	09-009612-30	NUT	3
9	381-CA	09-009612-14	SPOOL TRAY	3
10	507	09-400783-00	CUSHION	3
11	382-CA	09-009612-15	SPOOL RETAINING FIN	3
12	7102	09-400792-00	SCREW	1
13	512	09-400785-00	WASHER	1
14	4022	09-400787-00	SCREW	1
15	502-CA	09-009815-14	THREAD STAND ROD (UPPER)	1
16	504-CA	09-400779-00	JOINT	1
17	4021	09-400786-00	SCREW	2
18	4805	09-400065-00	NUT	2
19	383-CA	09-009815-16	BRACKET	1
20	384	09-009612-17	THREAD GUIDE BAR ROD	1
21	4014	09-009612-27	SCREW	1
22	4803	09-009612-30	NUT	1
23	233-CA	09-009619-24	HOLDER	1
24	4012	09-009612-25	SCREW	2
25	4803	09-009612-30	NUT	2
26	293B	09-400769-00	THREAD GUIDE BAR (4-SPOOLS)	
27	293C	09-400770-00	THREAD GUIDE BAR (3-SPOOLS)	1
28	4012	09-009612-25	SCREW	1
29	4803	09-009612-30	NUT	1
30	527-CA	09-009826-63	BRACKET	1
31	527ACA	09-009826-64	BRACKET	
32	506	09-400782-00	THREAD GUIDE	3
33	4117	09-009826-65	SCREW	1
34	4805	09-400065-00	NUT	1
35	386	09-009612-19	ROD CAP	1

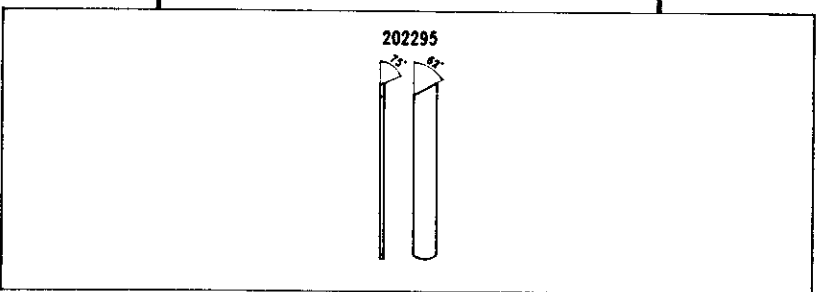
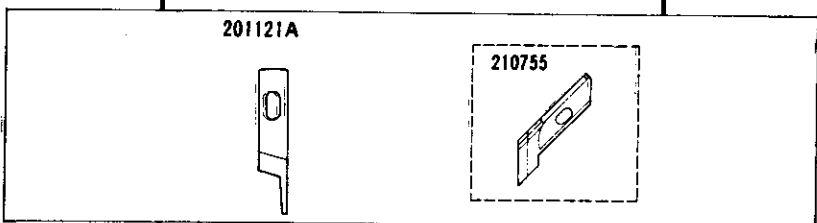
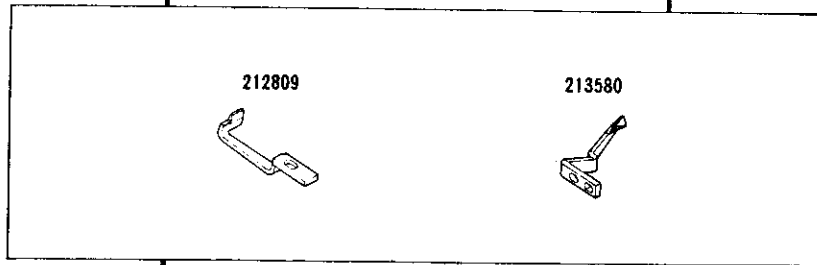
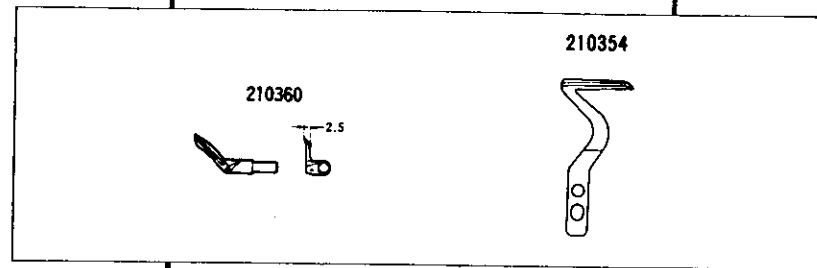
9656A-120(K), 133(K)

GAUGE PAR
CONSTRUCTION CHA



9656A-133(K)
/14-263-N

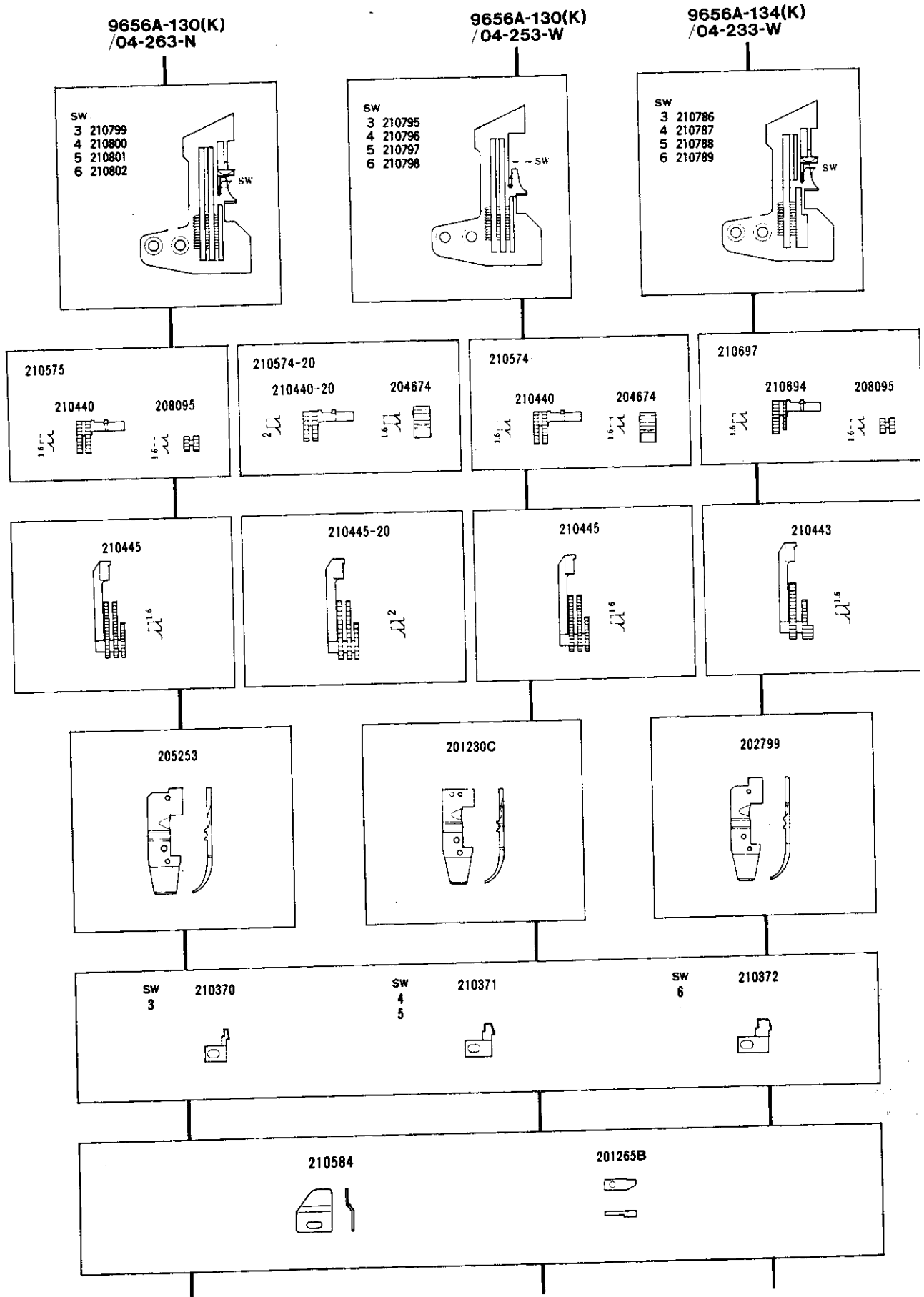
9656A-120(K)
/14-243-N



								
9656A-133(K) /14-263-N	3.6	2	2-3-4	0.7-2	8,000	Two needle machines for closing and attaching sleeves and side closing on light to medium weight materials.		
9656A-120(K) /14-243-N		1.5	2-3					
		2	2-3-4					

9656A-130(K), 134(K)

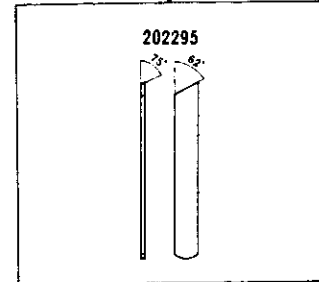
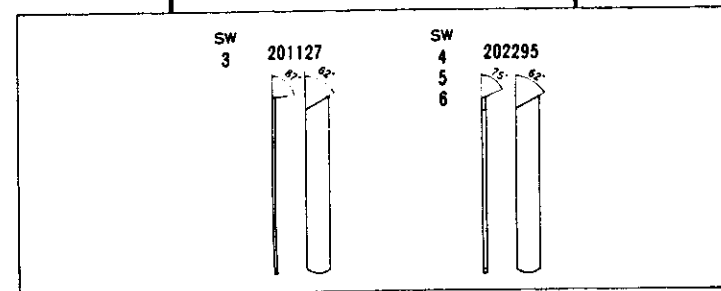
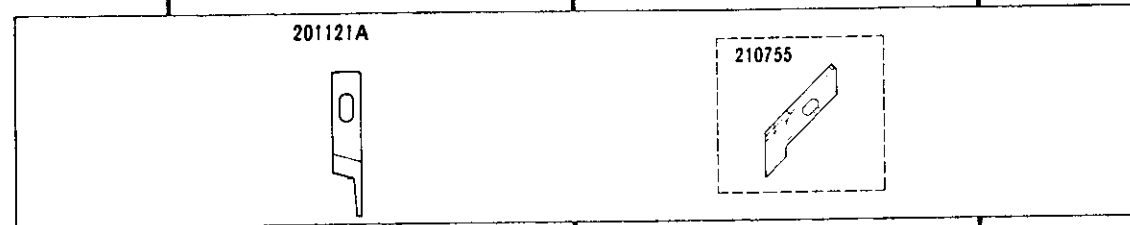
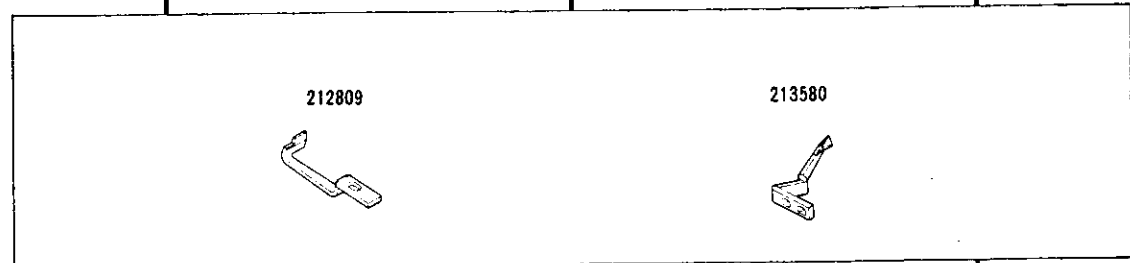
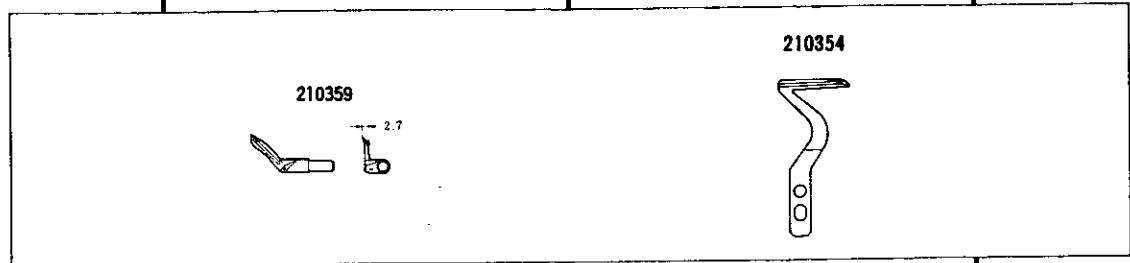
GAUGE PART CONSTRUCTION CHAR



9656A-130(K)
/04-253-W

9656A-130(K)
/04-263-N

9656A-134(K)
/04-233-W



								
9656A-130(K) /04-263-N	3.6					8,500		For sleeve, side and shoulder closing operations on light to medium weight materials such as underwear and ladies' and children's outerwear.
9656A-130(K) /04-253-W								
9656A-134(K) /04-233-W								

9656A-210(K) 9656A-211(K), 220(K), 225(K), 226(K)

GAUGE PARTS
CONSTRUCTION CHART

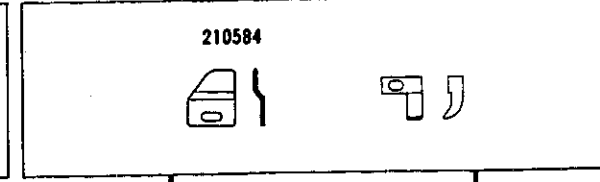
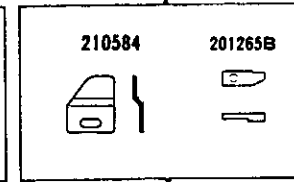
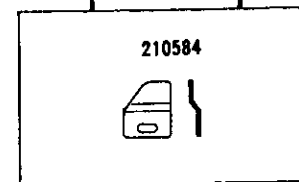
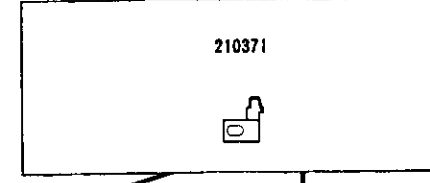
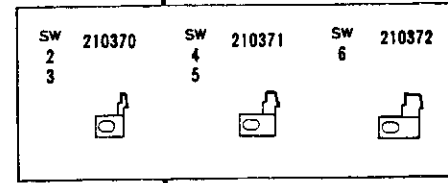
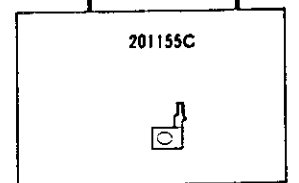
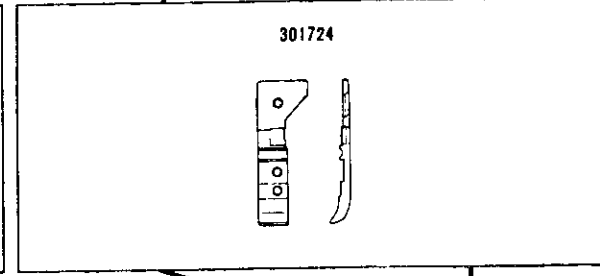
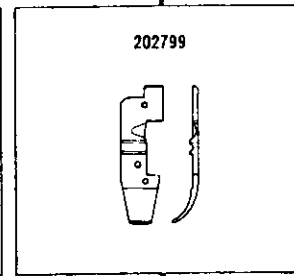
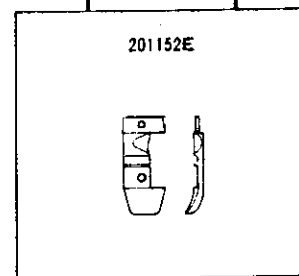
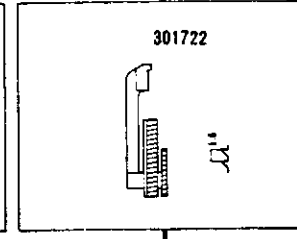
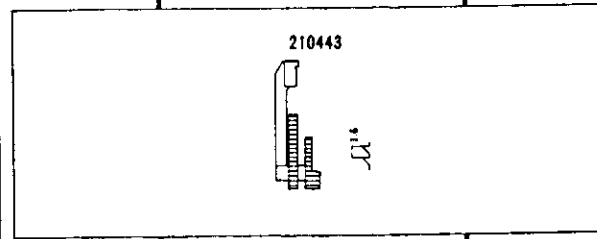
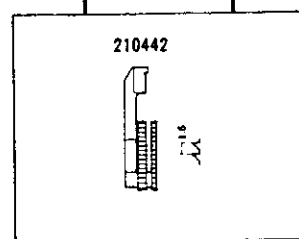
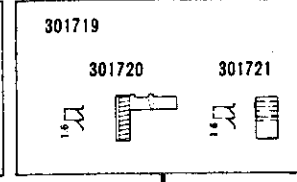
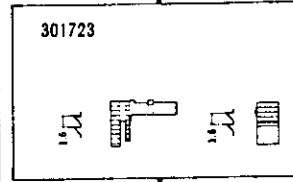
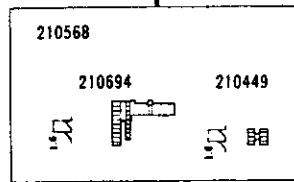
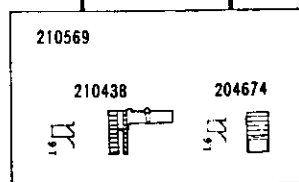
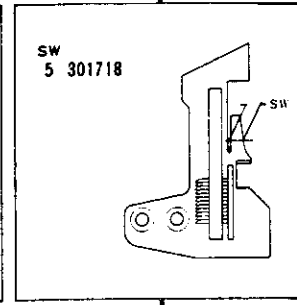
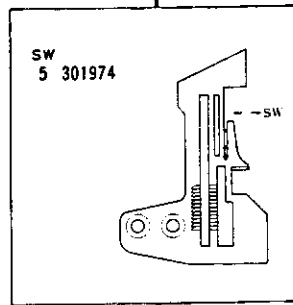
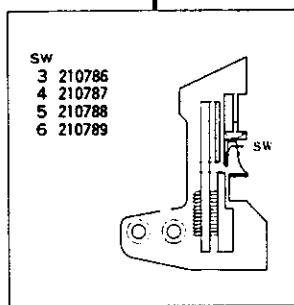
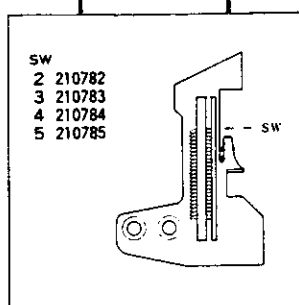
9656A-210(K)
/05-233-N

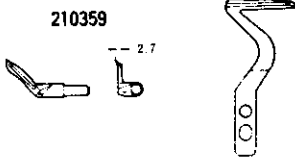
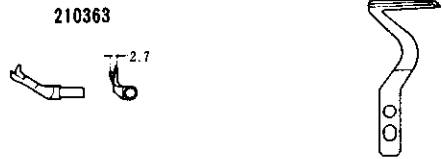
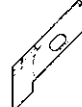
9656A-211(K)
/03-223-N

9656A-220(K)
/03-233-W

9656A-226(K)
/03-243

9656A-225(K)
/03-293

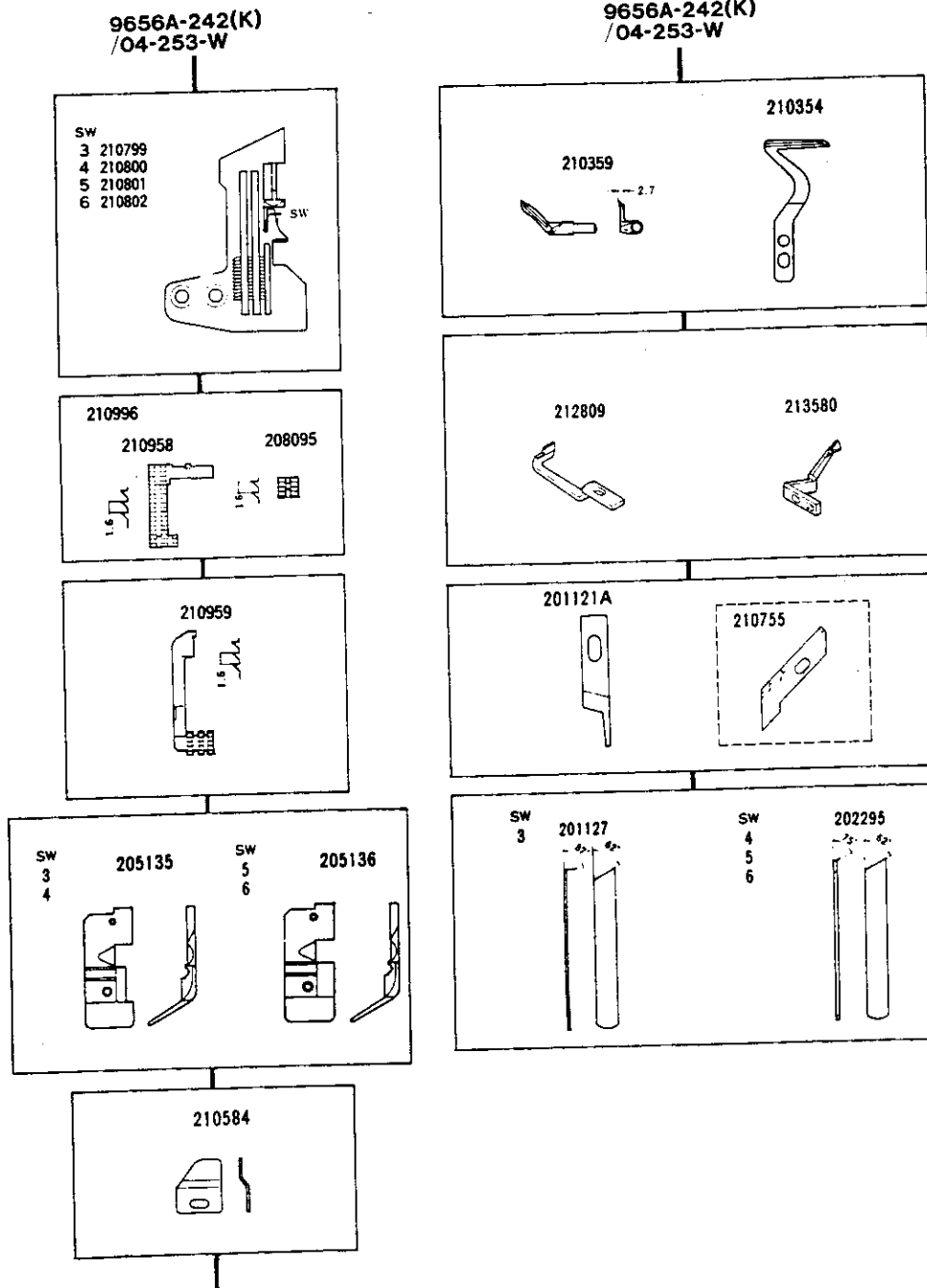


9656A-210(K) /05-223-N	9656A-211(K) /03-223-N	9656A-220(K) /03-223-W	9656A-226(K) /03-243	9656A-225(K) /03-293
				
				
				
				

							
9656A-210(K) /05-223-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.	
9656A-211(K) /03-223-N						Two thread blindstitch hemming on light to medium weight materials such as U-neck undershirts, athletic shirts, briefs etc.	
9656A-220(K) /03-223-W	5.0		3·4·5·6	8,500	General serging operations on slacks, jackets, workingwear etc.		
9656A-226(K) /03-243	4.6		5	0.7~1.3		8,000	
9656A-225(K) /03-293							

9656A-242(K)

GAUGE PARTS CONSTRUCTION CHART

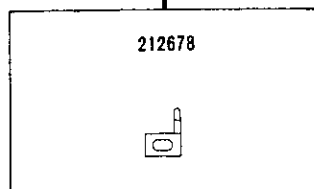
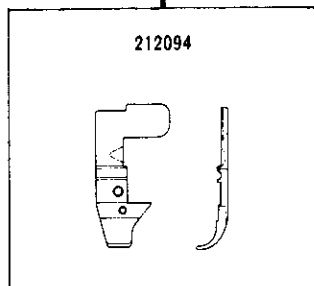
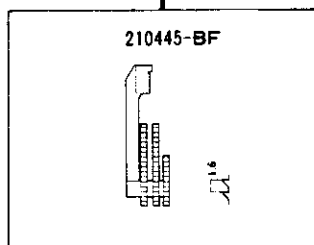
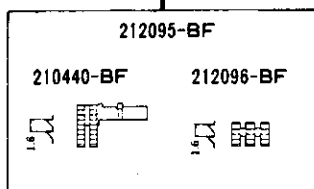
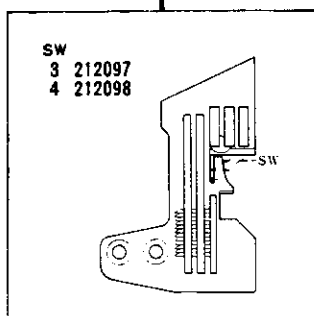


9656A-242(K) /04-253-W	3.2		3·4·5·6	0.8~3	7,000	Single needle overedgers for intermittent shirring on light to medium weight materials such as lingerie, curtains etc.	

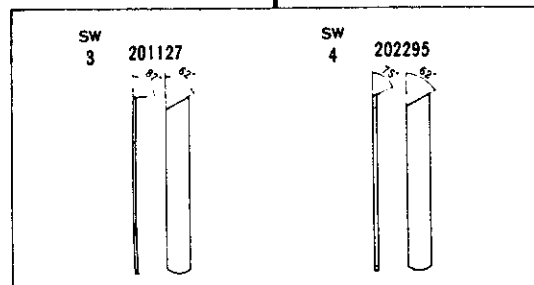
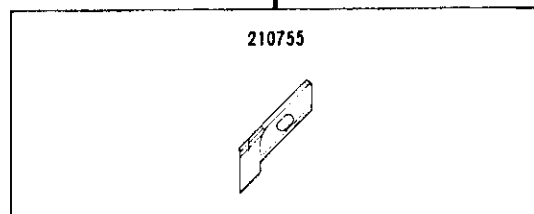
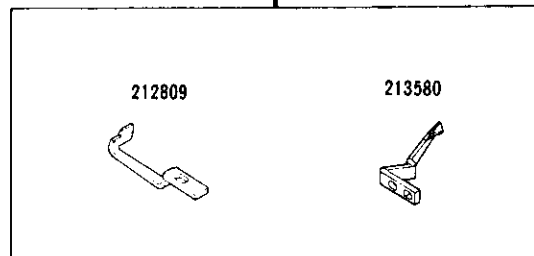
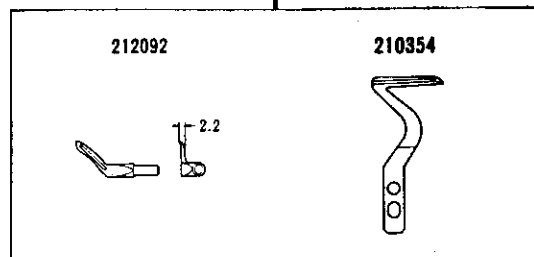
9656A-291(K)

GAUGE PAR
CONSTRUCTION CHA

9656A-291(K)
/04-153-W



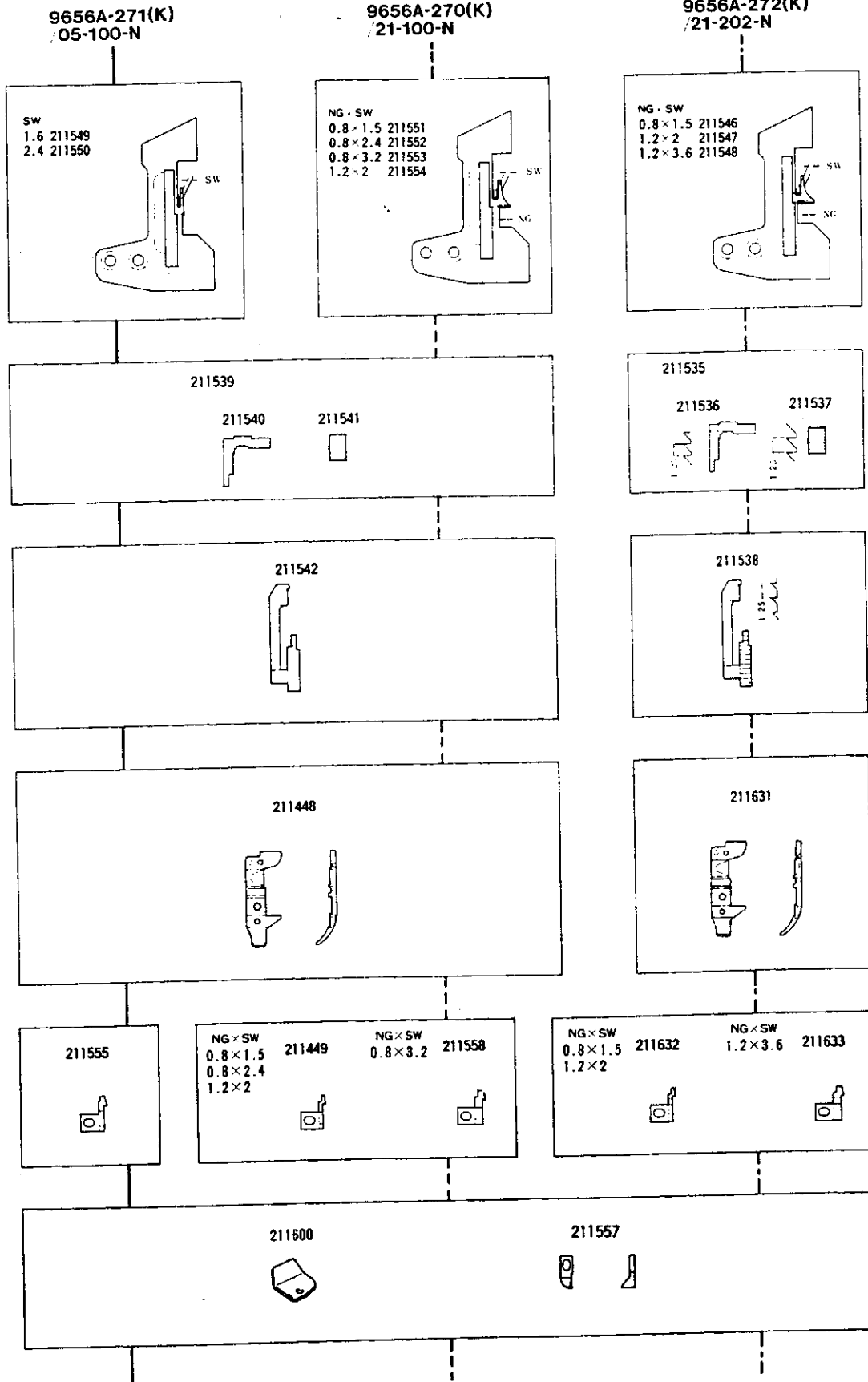
9656A-291(K)
/04-153-W

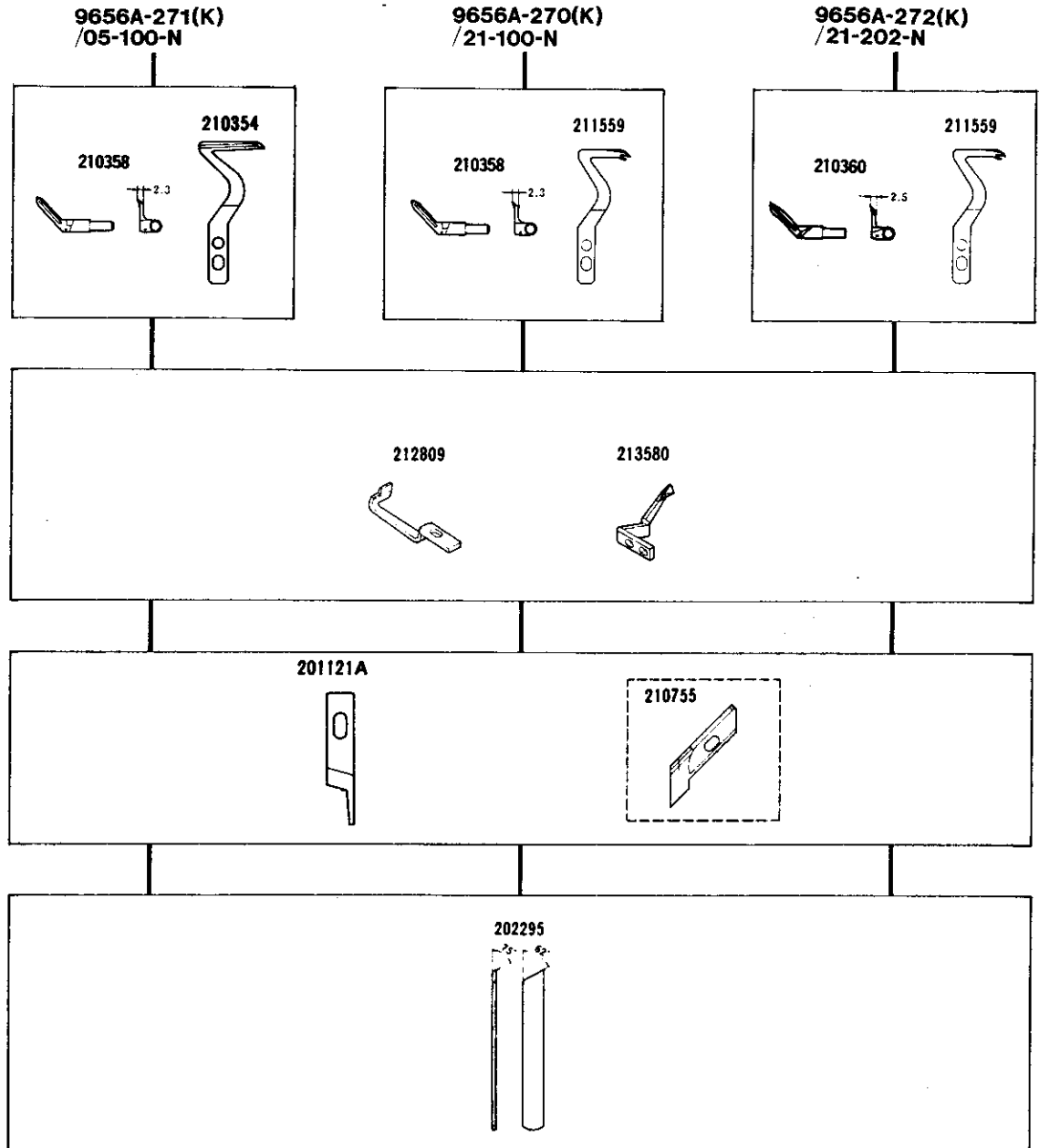


9656A-291(K) /04-153-W	2.5		3.4	0.4~2	5,500	For attaching lace to the hems of slips, ladies' wear, etc. Acceptable lace width 7mm to 35mm.	

9656A-271(K) 9656A-270(K), 272(K)

GAUGE PARTS CONSTRUCTION CHART

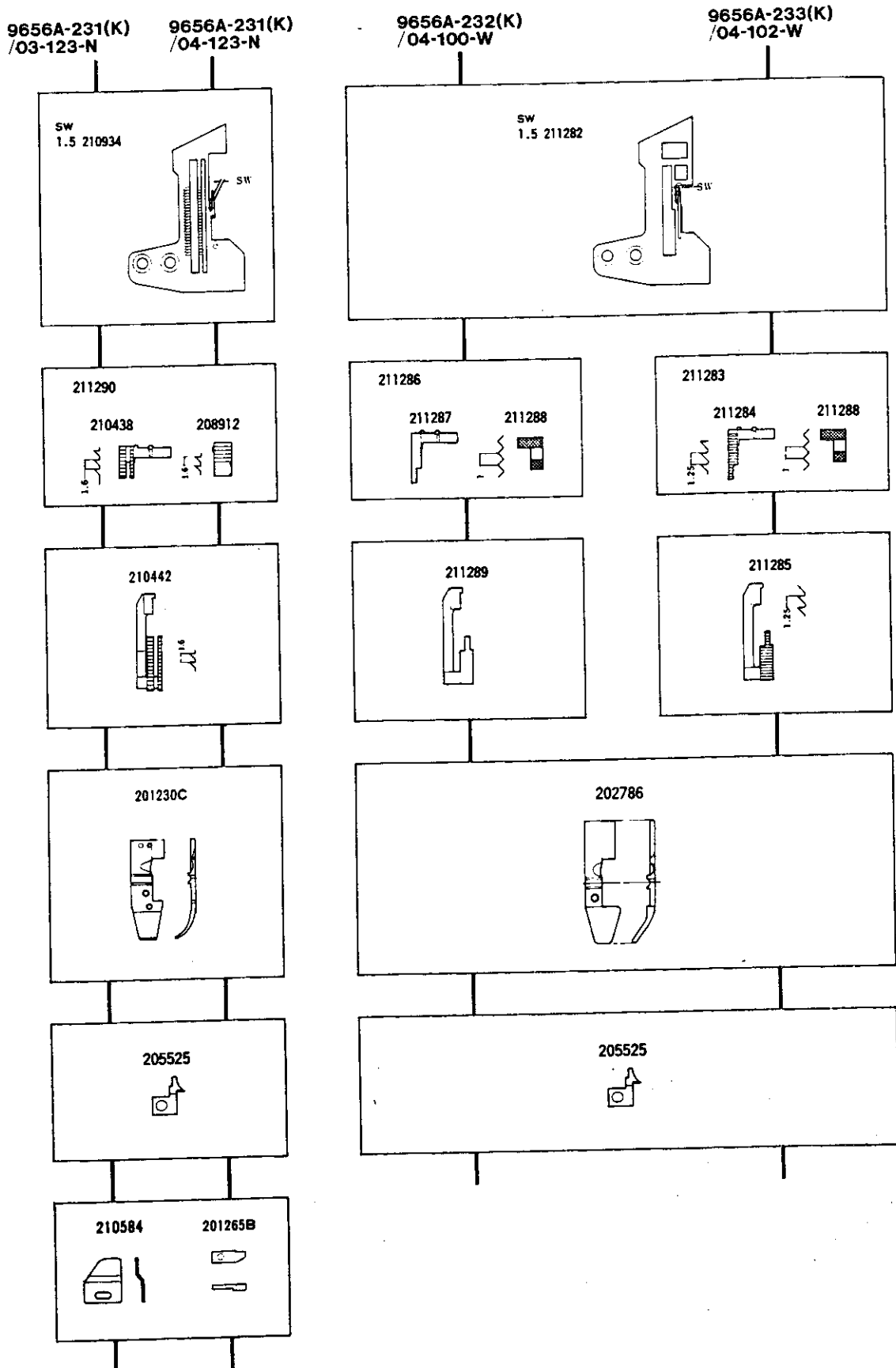


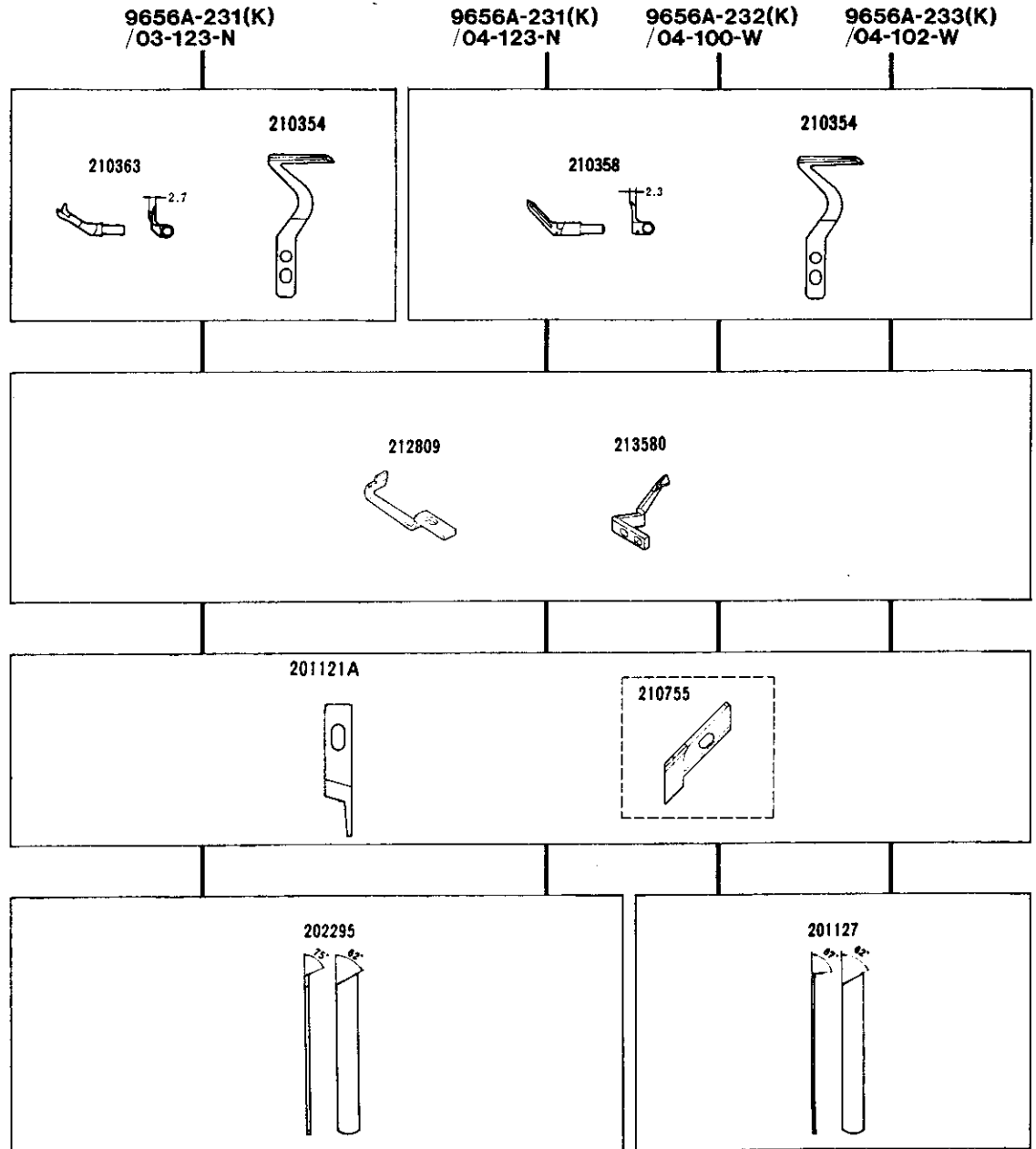


							
9656A-271(K) /05-100-N	1.7		1.6-2.4	0.8~2	8,500	Single needle three thread machine with low lift loopers mechanism for neat uniform toe closing and seaming of stockings and pantyhose.	
9656A-270(K) /21-100-N		0.8	1.5-2.4-3.2			Two needle three thread machine with low lift loopers mechanism for neat, uniform toe closing and seaming of stockings and pantyhose.	
9656A-272(K) /21-202-N		1.2	2		8,000	Two needle three thread machine for toe closing of mens socks.	
		0.8	1.5				
		1.2	2.0-3.6				

9656A-231(K), 232(K), 233(K)

GAUGE PARTS CONSTRUCTION CHART

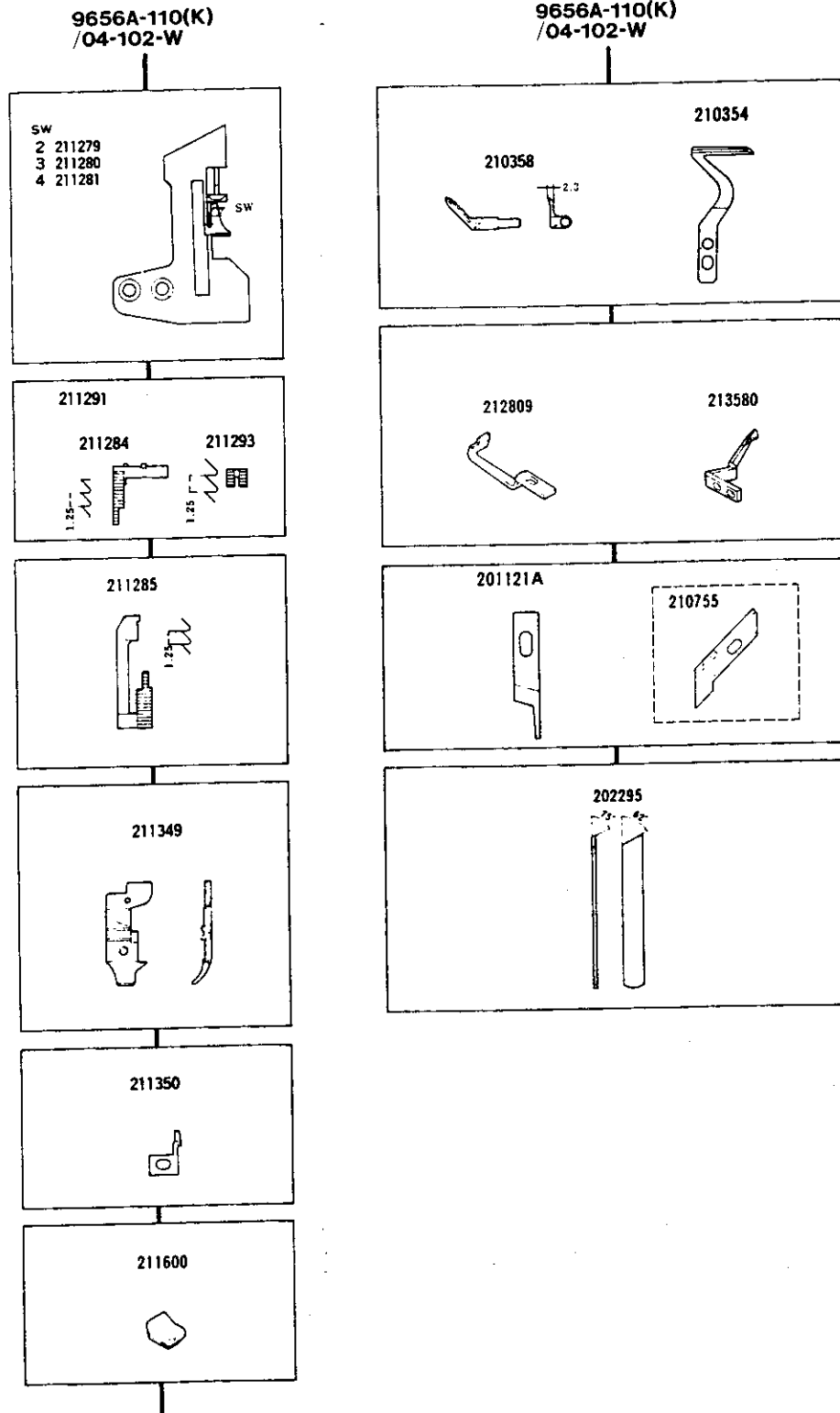




							
9656A-231(K) /03-123-N	1.8	1.5	0.8~2	9,000		Two thread machine with low lift looper mechanism for light weight materials such as curtains, handkerchiefs etc.	
9656A-231(K) /04-123-N						Three thread machine equipped with low lift looper mechanism for light weight materials such as handkerchiefs etc.	
9656A-232(K) /04-100-W						Equipped with rubber coated feeds and low lift looper for extra light weight materials such as pantyhose, scarves etc.	
9656A-233(K) /04-102-W						Equipped with fine-pitch feeds and low lift looper mechanism for extra lightweight materials such as curtains, scarves etc.	

9656A-110(K)

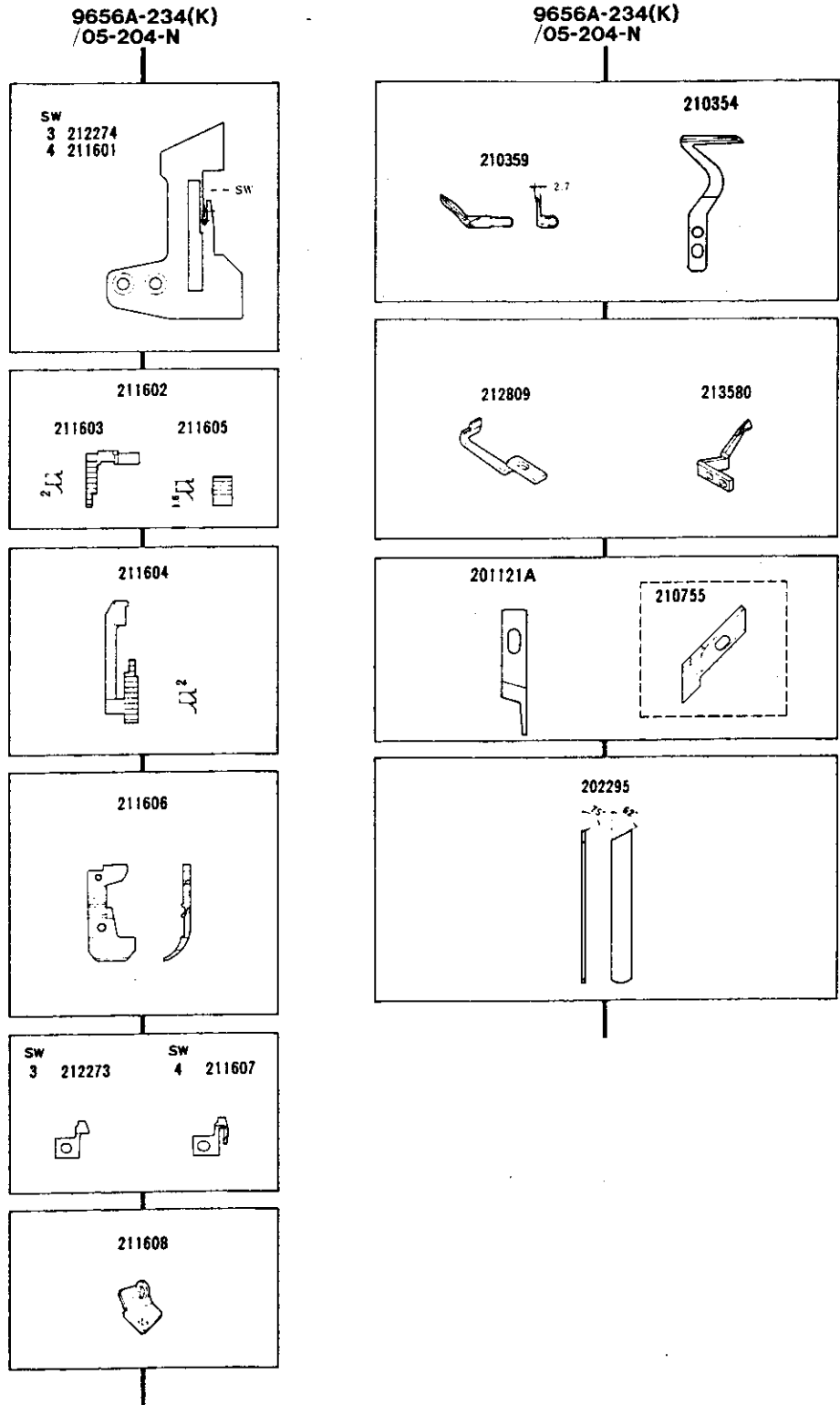
GAUGE PARTS CONSTRUCTION CHART



9656A-110(K) /04-102-W	3.2		2.3-4	0.8-2	8,500	Specially designed for seaming on lingerie.	

9656A-234(K)

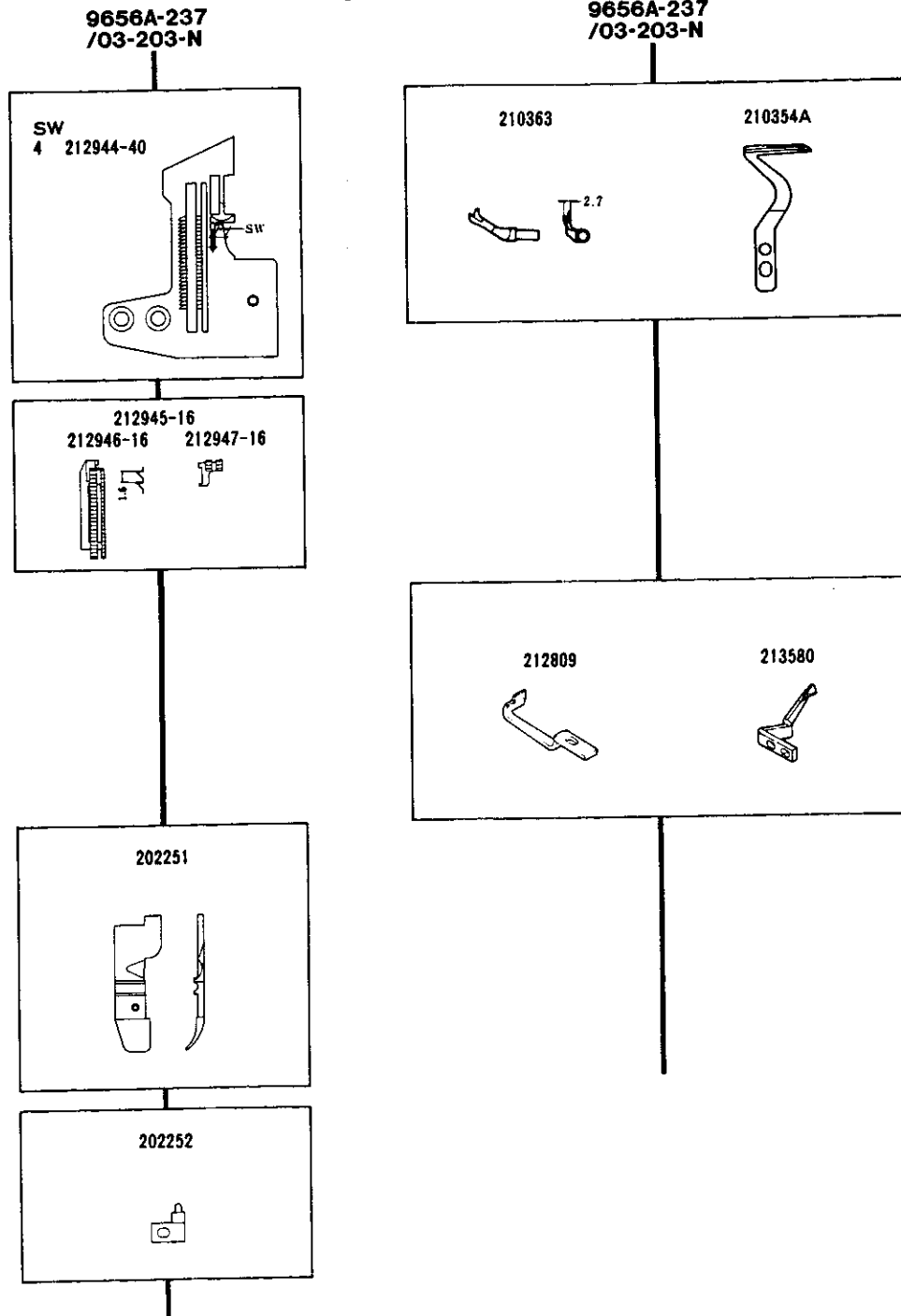
GAUGE PARTS CONSTRUCTION CHART



9656A-234(K) /05-204-N	3.6		3.4	0.7-1	8,000	Turn-up hemming on towels, etc.	

9656A-237

GAUGE PAR
CONSTRUCTION CHA



9656A-237 /03-203-N	3.6		4		6,000	Turn-up hemming on towels, etc.	



MACHINE TYPE	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			PRESSER FOOT UNCURLER	UPPER KNIFE	LOWER KNIFE	UPPER LOOPER	LOWER LOOPER	NEEDLE GUARD		SHIM	NEEDLE
	NG	SW				BODY	FINGER	FAB. GRD						(FRONT)	(REAR)		
9656A-110 /04-102-W		2	211279	211291	211285	211349	211350	-----	211600	201121A	202295	210358	210354	212809	213580	-----	154GAS
		3	211280	"	"	"	"	-----	"	"	"	" #2	"	"	"	-----	#12
		4	211281	"	"	"	"	-----	"	"	"	"	"	"	"	-----	"
9656A-110K /04-102-W		2	211279	211291	211285	211349	211350	-----	211600	210755	202295	210358	210354	212809	213580	-----	154GAS
		3	211280	"	"	"	"	-----	"	"	"	" #2	"	"	"	-----	#12
		4	211281	"	"	"	"	-----	"	"	"	"	"	"	"	-----	"
9656A-120 /14-243-N	1.5	2	210790	210696	210443	201230C	210373	201265B	210584	201121A	202295	210360	210354	212809	213580	210516	154GDS
	1.5	3	210791	"	"	"	210503	"	"	"	"	" #6	"	212809	213580	"	#12
	2	2	210792	"	"	"	210373	"	"	"	"	"	"	"	"	"	"
	2	3	210793	"	"	"	210503	"	"	"	"	"	"	"	"	"	"
	2	4	210794	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9656A-120K /14-243-N	1.5	2	210790	210696	210443	201230C	210373	201265B	210584	210755	202295	210360	210354	212809	213580	210516	154GDS
	1.5	3	210791	"	"	"	210503	"	"	"	"	" #6	"	212809	213580	"	#12
	2	2	210792	"	"	"	210373	"	"	"	"	"	"	"	"	"	"
	2	3	210793	"	"	"	210503	"	"	"	"	"	"	"	"	"	"
	2	4	210794	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9656A-130 /04-253-W		3	210799	210575	210445	205253	210370	201265B	210584	201121A	201127	210359	210354	212809	213580	-----	154GAS
		4	210800	"	"	"	210371	"	"	"	202295	" #4	"	"	"	-----	#14
		5	210801	"	"	"	"	"	"	"	"	"	"	"	"	-----	"
		6	210802	"	"	"	210372	"	"	"	"	"	"	"	"	-----	"
9656A-130K /04-253-W		3	210799	210575	210445	205253	210370	201265B	210584	210755	201127	210359	210354	212809	213580	-----	154GAS
		4	210800	"	"	"	210371	"	"	"	202295	" #4	"	"	"	-----	#14
		5	210801	"	"	"	"	"	"	"	"	"	"	"	"	-----	"
		6	210802	"	"	"	210372	"	"	"	"	"	"	"	"	-----	"
9656A-130 /04-263-N		3	210795	210574	210445	201230C	210370	201265B	210584	201121A	201127	210359	210354	212809	213580	-----	154GAS
		4	210796	"	"	"	210371	"	"	"	202295	" #4	"	"	"	-----	#11
		5	210797	"	"	"	"	"	"	"	"	"	"	"	"	-----	"
		6	210798	"	"	"	210372	"	"	"	"	"	"	"	"	-----	"
9656A-130K /04-263-N		3	210795	210574	210445	201230C	210370	201265B	210584	210755	201127	210359	210354	212809	213580	-----	154GAS
		4	210796	"	"	"	210371	"	"	"	202295	" #4	"	"	"	-----	#11
		5	210797	"	"	"	"	"	"	"	"	"	"	"	"	-----	"
		6	210798	"	"	"	210372	"	"	"	"	"	"	"	"	-----	"
9656A-133 /14-263-N	2	2	210803	210574	210445	201230C	210373	201265B	210584	201121A	202295	210360	210354	212809	213580	210516	154GDS
	2	3	210804	"	"	"	210503	"	"	"	"	" #6	"	"	"	"	#11
	2	4	210805	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9656A-133K /14-263-N	2	2	210803	210574	210445	201230C	210373	201265B	210584	210755	202295	210360	210354	212809	213580	210516	154GDS
	2	3	210804	"	"	"	210503	"	"	"	"	" #6	"	"	"	"	#11
	2	4	210805	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9656A-134 /04-233-W		3	210786	210697	210443	202799	210370	201265B	210584	201121A	202295	210359	210354	212809	213580	-----	154GAS
		4	210787	"	"	"	210371	"	"	"	"	" #4	"	"	"	-----	#12
		5	210788	"	"	"	"	"	"	"	"	"	"	"	"	-----	"
		6	210789	"	"	"	210372	"	"	"	"	"	"	"	"	-----	"
9656A-134K /04-233-W		3	210786	210697	210443	202799	210370	201265B	210584	210755	202295	210359	210354	212809	213580	-----	154GAS
		4	210787	"	"	"	210371	"	"	"	"	" #4	"	"	"	-----	#12
		5	210788	"	"	"	"	"	"	"	"	"	"	"	"	-----	"
		6	210789	"	"	"	210372	"	"	"	"	"	"	"	"	-----	"



MACHINE TYPE	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			PRESSER FOOT UNCURLER	UPPER KNIFE	LOWER KNIFE	UPPER LOOPER	LOWER LOOPER	NEEDLE GUARD		SHIM	NEEDLE
	NG	SW				BODY	FINGER	FAB. GRD						(FRONT)	(REAR)		
9656A-210 /05-223-N		2	210782	210569	210442	201152E	201155C	-----	210584	201121A	202295	210359	210354	212809	213580	-----	154GAS
		3	210783	"	"	"	"	-----	"	"	"	" #4	"	"	"	-----	#12
		4	210784	"	"	"	"	-----	"	"	"	"	"	"	"	-----	
		5	210785	"	"	"	"	-----	"	"	"	"	"	"	"	-----	
9656A-210K /05-223-N		2	210782	210569	210442	201152E	201155C	-----	210584	210755	202295	210359	210354	212809	213580	-----	154GAS
		3	210783	"	"	"	"	-----	"	"	"	" #4	"	"	"	-----	#12
		4	210784	"	"	"	"	-----	"	"	"	"	"	"	"	-----	
		5	210785	"	"	"	"	-----	"	"	"	"	"	"	"	-----	
9656A-211 /03-223-N		2	210782	210569	210442	201152E	201155C	-----	210584	201121A	202295	210363	210354	212809	213580	-----	154GAS
		3	210783	"	"	"	"	-----	"	"	"	" #3	"	"	"	-----	#12
		4	210784	"	"	"	"	-----	"	"	"	"	"	"	"	-----	
		5	210785	"	"	"	"	-----	"	"	"	"	"	"	"	-----	
9656A-211K /03-223-N		2	210782	210569	210442	201152E	201155C	-----	210584	210755	202295	210363	210354	212309	213580	-----	154GAS
		3	210783	"	"	"	"	-----	"	"	"	" #3	"	"	"	-----	#11
		4	210784	"	"	"	"	-----	"	"	"	"	"	"	"	-----	
		5	210785	"	"	"	"	-----	"	"	"	"	"	"	"	-----	
9656A-220 /03-233-W		3	210786	210568	210443	202799	210370	201265B	210584	201121A	202295	210363	210354	212809	213580	-----	154GAS
		4	210787	"	"	"	210371	"	"	"	"	" #3	"	"	"	-----	#12
		5	210788	"	"	"	"	"	"	"	"	"	"	"	"	-----	
		6	210789	"	"	"	210372	"	"	"	"	"	"	"	"	-----	
9656A-220K /03-233-W		3	210786	210568	210443	202799	210370	201265B	210584	210755	202295	210363	210354	212809	213580	-----	154GAS
		4	210787	"	"	"	210371	"	"	"	"	" #3	"	"	"	-----	#12
		5	210788	"	"	"	"	"	"	"	"	"	"	"	"	-----	
		6	210789	"	"	"	210372	"	"	"	"	"	"	"	"	-----	
9656A-225 /03-293-		5	301718	301719	301722	301724	210371	301725	210584	201121A	202295	210363	210354	212809	213580	-----	154GAS
												#3				-----	#14
9656A-225K /03-293-		5	301718	301719	301722	301724	210371	301725	210584	210755	202295	210363	210354	212809	213580	-----	154GAS
												#3				-----	#14
9656A-226 /03-243-		5	301974	301723	210443	301724	210371	301725	210584	201121A	202295	210363	210354	212809	213580	-----	154GAS
												#3				-----	#12
9656A-226K /03-243-		5	301974	301723	210443	301724	210371	301725	210584	210755	202295	210363	210354	212809	213580	-----	154GAS
												#3				-----	#12
9656A-231 /04-123-N		1.5	210934	211290	210442	201230C	205525	201265B	210584	201121A	202295	210358	210354	212809	213580	-----	154GAS
												#2				-----	#12
9656A-231 /03-123-N		1.5	210934	211290	210442	201230C	205525	201265B	210584	201121A	202295	210363	210354	212809	213580	-----	154GAS
												#3				-----	#12
9656A-231K /04-123-N		1.5	210934	211290	210442	201230C	205525	201265B	210584	210755	202295	210358	210354	212809	213580	-----	154GAS
												#2				-----	#12
9656A-231K /03-123-N		1.5	210934	211290	210442	201230C	205525	201265B	210584	210755	202295	210363	210354	212309	213580	-----	154GAS
												#3				-----	#12
9656A-232 /04-100-W		1.5	211282	211286	211289	202786	205525	-----	-----	201121A	201127	210358	210354	212809	213580	-----	154GAS
												#2				-----	#12
9656A-232K /04-100-W		1.5	211282	211286	211289	202786	205525	-----	-----	210755	201127	210358	210354	212809	213580	-----	154GAS
												#2				-----	#12
9656A-233 /04-102-W		1.5	211282	211283	211285	202786	205525	-----	-----	201121A	201127	210358	210354	212809	213580	-----	154GAS
												#2				-----	#12
9656A-233K /04-102-W		1.5	211282	211283	211285	202786	205525	-----	-----	210755	201127	210358	210354	212809	213580	-----	154GAS
												#2				-----	#12
9656A-234 /05-204-N		3	212274	211602	211604	211606	212273	-----	211608	201121A	202295	210359	210354	212809	213580	-----	154GAS
		4	211601	"	"	"	211607A	-----	"	"	"	" #4	"	"	"	-----	#18
9656A-234K /05-204-N		3	212274	211602	211604	211606	212273	-----	211608	210755	202295	210359	210354	212809	213580	-----	154GAS
		4	211601	"	"	"	211607A	-----	"	"	"	" #4	"	"	"	-----	#18

From the Metal Fabricator Needle Corp.



MACHINE TYPE	GAUGE		NEEDLE PLATE	MAIN FEED COMPLETE	DIFF. FEED DOG	PRESSER FOOT			PRESSER FOOT UNCURLER	UPPER KNIFE	LOWER KNIFE	UPPER LOOPER	LOWER LOOPER	NEEDLE GUARD		SHIM	NEEDLE
	NG	SW				BODY	FINGER	FAB. GRD						(FRONT)	(REAR)		
9656A-242 /04-253-W		3	210799	210996	210959	205135	-----	-----	210584	201121A	201127	210359	210354	212809	213580	-----	154GAS #12
		4	210800	"	"	"	-----	-----	"	"	202295	" #4	"	"	"	-----	"
		5	210801	"	"	205136	-----	-----	"	"	"	"	"	"	"	-----	"
		6	210802	"	"	"	-----	-----	"	"	"	"	"	"	"	-----	"
9656A-242K /04-253-W		3	210799	210996	210959	205135	-----	-----	210584	210755	201127	210359	210354	212809	213580	-----	154GAS #12
		4	210800	"	"	"	-----	-----	"	"	202295	" #4	"	"	"	-----	"
		5	210801	"	"	205136	-----	-----	"	"	"	"	"	"	"	-----	"
		6	210802	"	"	"	-----	-----	"	"	"	"	"	"	"	-----	"
9656A-270 /21-100-N	0.8	1.5	211551	211539	211542	211448	211449	211557	211600	201121A	202295	210358	211559	212809	213580	211452	UNXR7 #9
	0.3	2.4	211552	"	"	"	211558	"	"	"	"	" #2	"	"	"	"	"
	0.8	3.2	211553	"	"	"	211449	"	"	"	"	"	"	"	"	211453	154GFS #11
	1.2	2	211554	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9656A-270X /21-100-N	0.8	1.5	211551	211539	211542	211448	211449	211557	211600	210755	202295	210358	211559	212809	213580	211452	UNXR7 #9
	0.3	2.4	211552	"	"	"	211558	"	"	"	"	" #2	"	"	"	"	"
	0.8	3.2	211553	"	"	"	211449	"	"	"	"	"	"	"	"	211453	154GFS #11
	1.2	2	211554	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9656A-271 /05-100-N		1.6	211549	211539	211542	211448	211555	211557	211600	201121A	202295	210358	210354	212809	213580	-----	154GAS #11
		2.4	211550	"	"	"	"	"	211600	210755	202295	210358	210354	212809	213580	-----	154GAS #11
9656A-271X /05-100-N		1.6	211549	211539	211542	211448	211555	211557	211600	201121A	202295	210358	210354	212809	213580	-----	154GAS #11
		2.4	211550	"	"	"	"	"	211600	201121A	202295	210360	211559	212309	213580	211452	UNXR7 #9
9656A-272 /21-202-N	0.8	1.5	211546	211535	211538	211631	211632	211557	211600	201121A	202295	210360	211559	212309	213580	211453	154GFS #11
	1.2	2	211547	"	"	"	211633	"	"	"	"	" #6	"	"	"	"	"
	1.2	3.6	211548	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9656A-272K /21-202-N	0.8	1.5	211546	211535	211538	211631	211632	211557	211600	210755	202295	210360	211559	212809	213580	211452	UNXR7 #9
	1.2	2	211547	"	"	"	211633	"	"	"	"	" #6	"	"	"	211453	154GFS #11
	1.2	3.6	211548	"	"	"	"	"	"	"	"	"	"	"	"	"	"
9656A-291K /04-153-W		3	212097	212095-BF	210445-BF	212094	212678	-----	-----	210755	201127	212092	210354	212809	213580	-----	576 #10
		4	212098	"	"	"	"	-----	-----	"	202295	" #10	"	"	"	-----	"
9656A-237 /03-203-N		4	212944-40	212945-16	-----	202251	202252	-----	-----	-----	-----	210363	210354A	212809	213580	-----	UOX154 #14

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