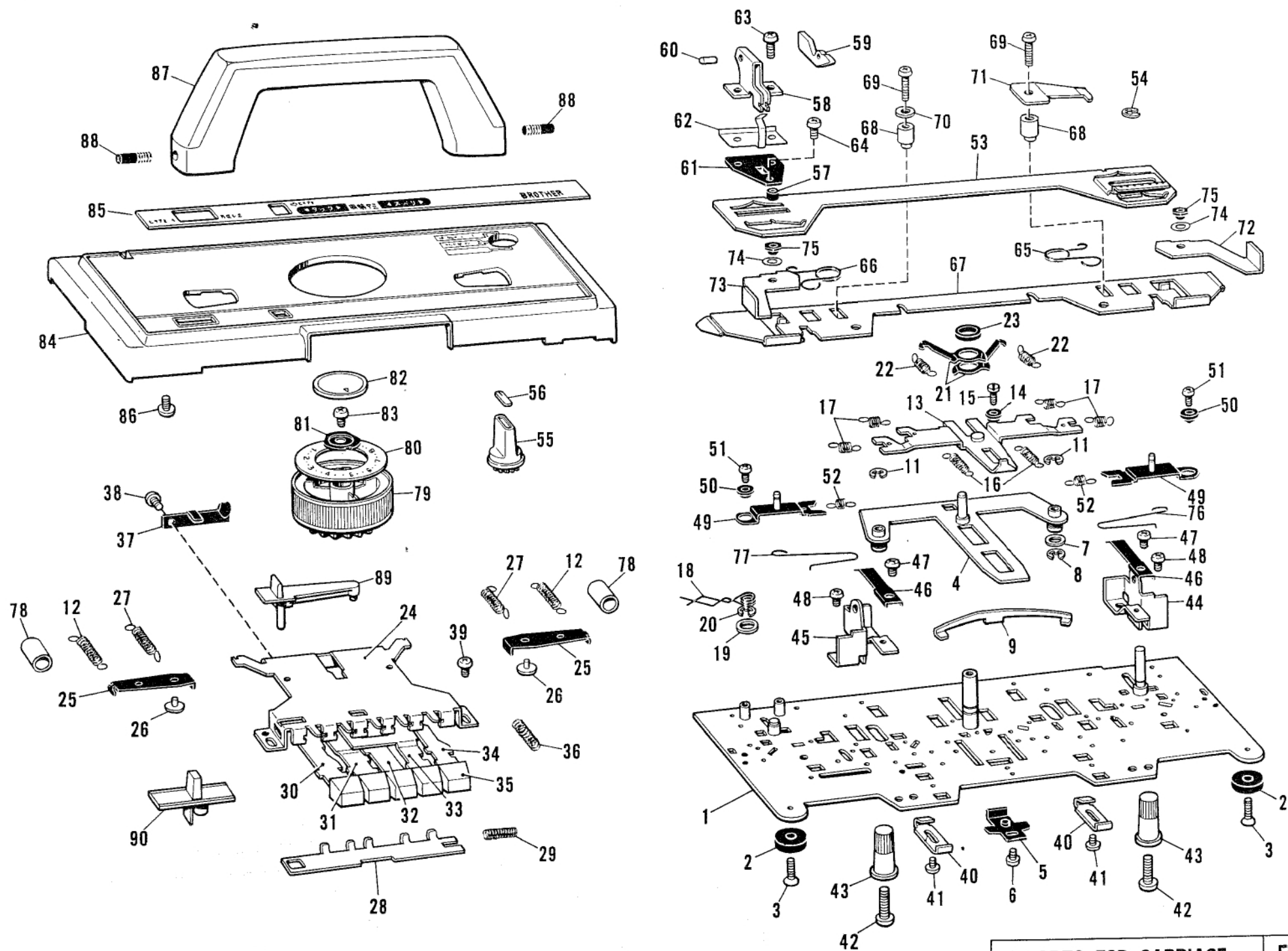


PARTS CATALOGUE FOR KH-820 KNITTING MACHINE

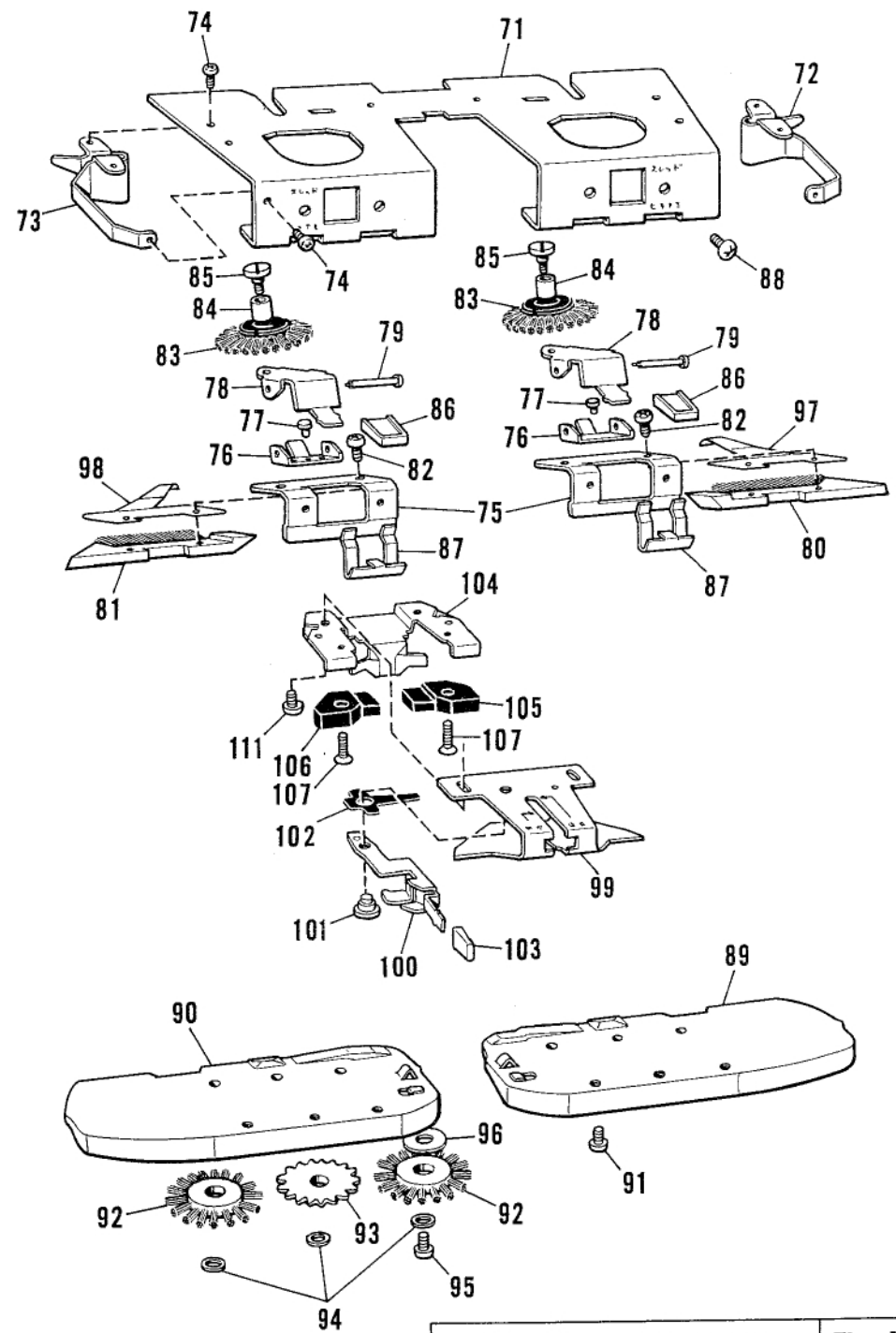
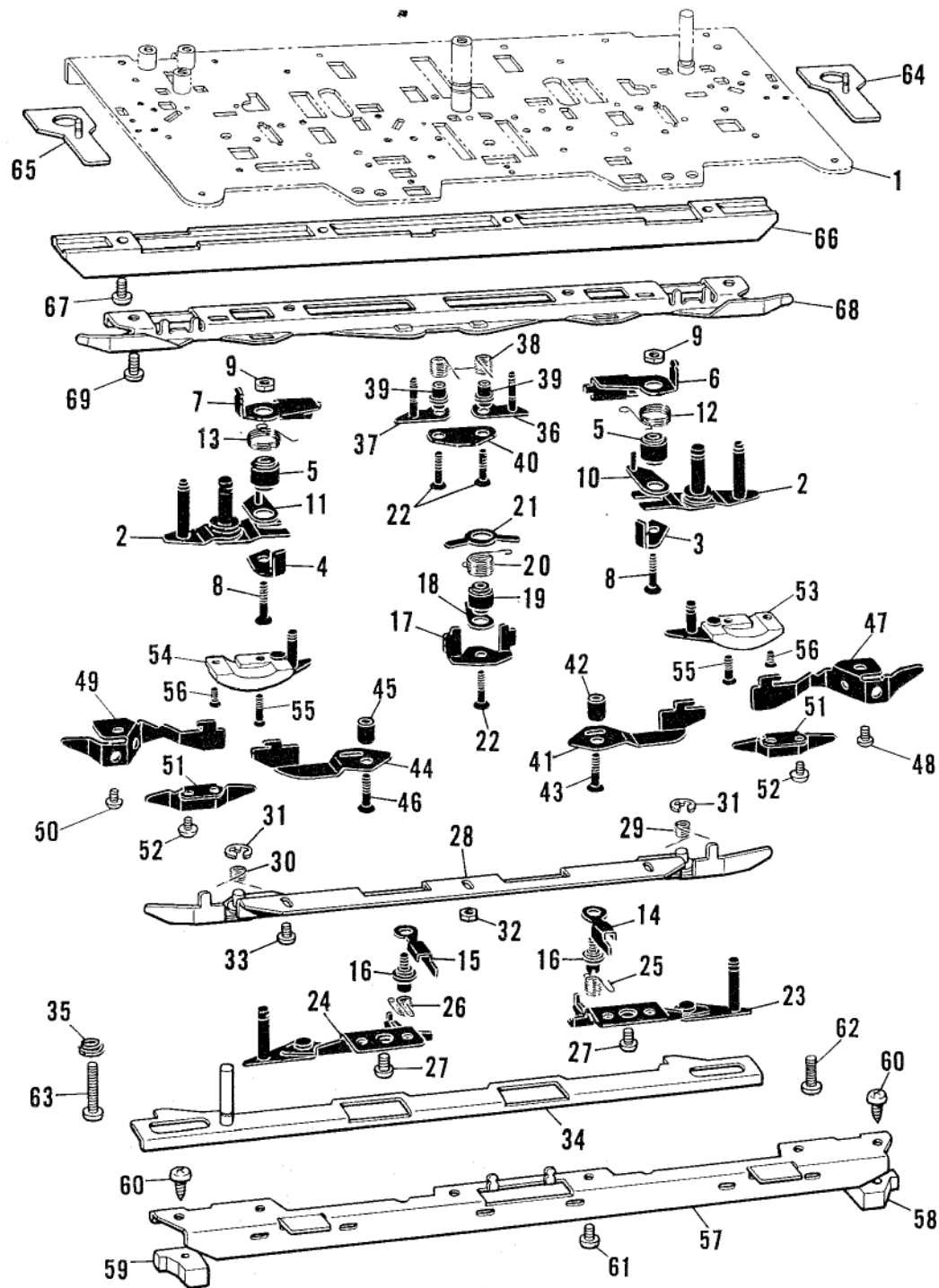


PARTS FOR CARRIAGE

Fig: AI

PARTS FOR CARRIAGE UPPER PART

Ref. No.	Parts No.	Description	Revised	Q'ty	Ref. No.	Parts No.	Description	Revised	Q'ty
A I 1-90 } A II 1-111 } A I 1	408272001	Carriage complete set		1					
2	407279001	Carriage plate		1					
3	407285000	Carriage magnet 16φ		2	A 1 61	407390001	Setting plate		1
4	004661003	Fastening screw 3.18×10		2	62	407391001	Row counter tripper spring		1
5	407286001	Stitch cam guide plate		1	63	000660706	Fastening screw 3.18×7		2
6	407289001	Stripe adjuster plate		1	64	000660503	Fastening screw 3.18×5		1
7	000679303	Fastening screw 3.57×3.5		1	65	407826001	Connecting plate spring, right		1
8	405483001	Washer 8.1		2	66	407827001	Connecting plate spring, left		1
9	048070346	Snap ring 7		2	67	407404001	Rear plate		1
	407290001	Stitch cam guide plate spring		1	68	407331001	Slide plate guide collar		2
11	048030346	Snap ring 3		2	69	000661003	Fastening screw 3.18×10		1
12	407432001	Rasing cam change spring		2	70	025350333	Washer 3.5		1
13	407692001	Change plate		1	71	408314001	Upper slide plate, stopper		1
14	407317001	Change plate guide collar		1	72	407572001	Carriage release lever, right		1
15	408013001	Fastening screw 3.18×7		1	73	407573001	Carriage release lever, left		2
16	407318001	Change plate spring		2	74	407574001	Washer, 4.7		2
17	407319001	MC cam spring		4	75	407575001	Screw for release lever		1
18	407333001	H.C.L. spring		1	76	407729001	Needle selection change spring, right		1
19	402447001	Washer 4.4		1	77	407730001	Needle selection change spring, left		2
20	048030346	Snap ring 3		1	78	407875001	Tube	407875000	1
21	407341001	Tuck cam operating plate		2	79	407413001	Stitch dial		1
22	407342001	Tuck cam spring		2	80	407414001	Stitch dial indicator plate		1
23	407343001	Presser ring		1	81	406283001	Stitch dial presser		1
24-38	407344001	Cam button unit		1	82	407415002	Stitch dial cap		1
					83	000660603	Fastening screw 3.18×6		1
					84-85	408273001	Carriage cover assembly		1
					85		Carriage cover decoration plate		1
					86	000660603	Fastening screw, 3.18×6		2
					87	407419002	Carriage handle		1
					88	407422001	Stud screw		2
					89	407350002	PLAIN lever knob		1
					90	407335001	H.C.L. knob		1
35		Push button		5					
39	000670403	Fastening screw 3.57×4		2					
40	403859001	Sinker plate positioning plate		2					
41	000660305	Fastening screw 3.18×3		2					
42	002681203	Fastening screw 4.37×12		2					
43	407364001	Thumb nut		2					
44	407365001	Handle setting base, right		1					
45	407366001	Handle setting base, left		1					
46	407367001	Handle lock spring		2					
47	000660403	Fastening screw 3.18×4		2					
48	000670403	Fastening screw 3.57×4		4					
49	407375001	Needle selector cam lever		2					
50	407378001	Guide collar		2					
51	000660503	Fastening screw 3.18×5		2					
52	407379001	Needle selector cam change spring		2					
53	407380001	Upper slide plate		1					
54	048040346	Snap ring 4		1					
55-56	407383001	Change knob assembly		1					
57	407385001	Slide plate presser		1					
58-60	407387001	Row counter tripper assembly		1					

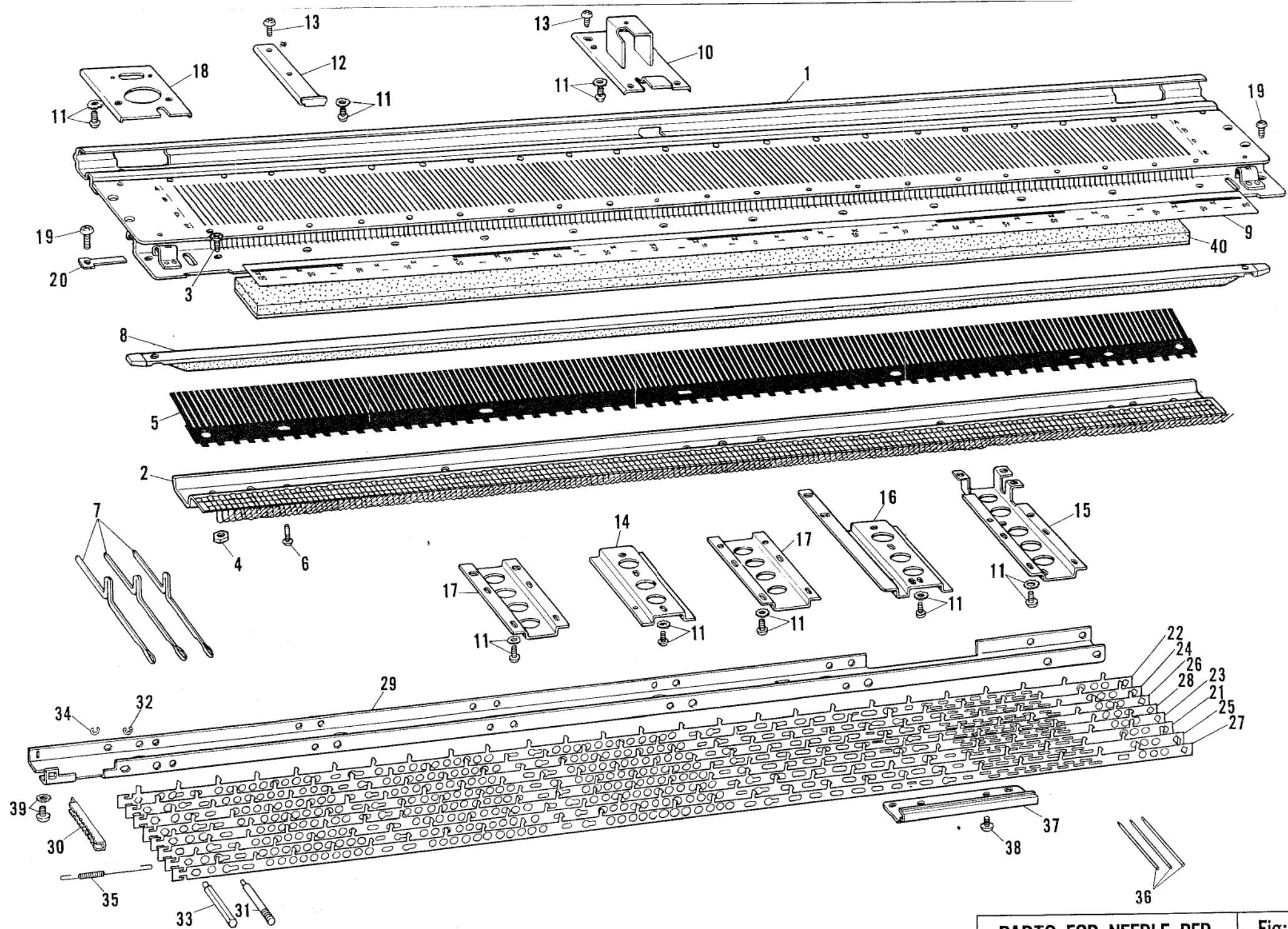


PARTS FOR CARRIAGE

Fig: A II

PARTS FOR CARRIAGE LOWER PART

Ref. No.	Parts No.	Description	Revised	Q'ty	Ref. No.	Parts No.	Description	Revised	Q'ty
AII 2	407291001	Stitch cam assembly		2	AII 60	037350816	Tapping screw V.3.5		2
3	407296001	Sub stitch cam, right		1	61	000660403	Fastening screw, 3.18×4		2
4	407297001	Sub stitch cam, left		1	62	000660703	Fastening screw, 3.18×7		1
5	407298001	Sub stitch cam shaft		2	63	000661803	Fastening screw, 3.18×18		1
6	407313001	MC cam, right		1	64	407395001	Connecting plate, right		1
7	407314001	MC cam, left		1	65	407411001	Connecting plate, left		1
8	407312001	Flat head screw B		2	66 & 68	407402000	Rear foot	408413001	1
9	021660406	Nut 4-3.18		2	67 & 69	000660703	Fastening screw, 3.18×7	000660803	8
10	407641001	Valve cam D, right		1					
11	407642001	Valve cam D, left		1					
12	407696001	Valve cam D spring, right		1					
13	407697001	Valve cam D spring, left		1	71-98	407868001	Sinker plate assembly		1
14	407300001	Valve cam A, right		1	71	407869001	Sinker plate arm		1
15	407301001	Valve cam A, left		1	72	407427000	Weaving thread guide, right		1
16	407304001	Shaft for valve cam A		2	73	407428000	Weaving thread guide, left		1
17	407356001	Guide cam C		1	74	002630403	Fastening screw,	037280513	6
18	407635001	Valve cam C		1	75-79	407429001	Weaving lever assembly		2
19	407357001	Shaft for guide cam C		1					
20	407636001	Valve cam C spring		1					
21	407634001	Valve cam A link		1					
22	407299001	Flat head screw		3					
23	407305001	Guide cam B, right		1					
24	407310001	Guide cam B, left		1	80	407435001	Latch opening brush, right		1
25	407303001	Valve cam B spring, right		1	81	407436001	Latch opening brush, left		1
26	407742001	Valve cam B spring, left		1	82	037280616	Tapping screw, 2-2.6		4
27	000660403	Fastening screw, 3.18×4		2	83	407437001	Weaving pattern brush		2
28-31	407455001	Guide cam A assembly		1	84	407438001	Washer for weaving pattern brush	408249001	2
28		Guide cam A		1	85	407439001	Stud screw for weaving pattern brush	408316001	2
29		Holding cam spring, right		1	86	407440001	Weaving lever knob		2
30		Holding cam spring, left		1	87	407441001	Weaving lever spring		2
31		Snap ring, 3		2	88	408305001	Fastening screw, 3.18×5		4
32	021660406	Nut, 4-3.18		1	89	407442001	Sinker plate, right		1
33	000660403	Fastening screw 3.18×4		2	90	407444001	Sinker plate, left		1
34	407327001	Front slide plate		1	91	000660303	Fastening screw, 3.18×3		6
35	407459001	Collar for front slide plate		2	92	407702001	Wheel brush		4
36	407579001	Tuck cam, right		1	93	405184001	Plastic gear		2
37	407586001	Tuck cam, left		1	94	025030336	Washer, 3		6
38	407338001	Tuck cam spring		1	95	000660403	Fastening screw, 3.18×4		6
39	407339001	Shaft for tuck cam		2	96	405325001	Washer, 6.2		2
40	407340001	Tuck cam plate		1	97	407689000	Latch presser plate, right		1
41	408042001	Guide cam D, right		1	98	407690000	Latch presser plate, left		1
42	407315001	Shaft for guide cam D		1	99-102	407870001	Double yarn feeder assembly		1
43	407312001	Flat head screw B		1					
44	408043001	Guide cam D, left		1					
45	407315001	Shaft for guide cam D		1					
46	407312001	Flat head screw B		1					
47	408044001	Separation cam, right		1	103	407450001	Yarn feeder lever knob		1
48	000660403	Fastening screw, 3.18×4		1	104-110	407451001	Magnet holder assembly		1
49	408045001	Separation cam, left		1	105		Magnet, right		1
50	000660403	Fastening screw, 3.18×4		1	106		Magnet, left		1
51	408048001	Guide cam F		2	107		Flat head screw, 3.18×10		2
52	002660403	Fastening screw, 3.18×4		4					
53	408050001	Selection cam, right		1					
54	408052001	Selection cam, left		1					
55	408297001	Flat head screw, 2.38×11		2	111	000669306	Fastening screw, 3.18×3.5		2
56	408054001	Flat head screw, 2.38×5		2					
57	407392001	Front foot		1					
58	407704000	Block, right		1					
59	407705000	Block, left		1					

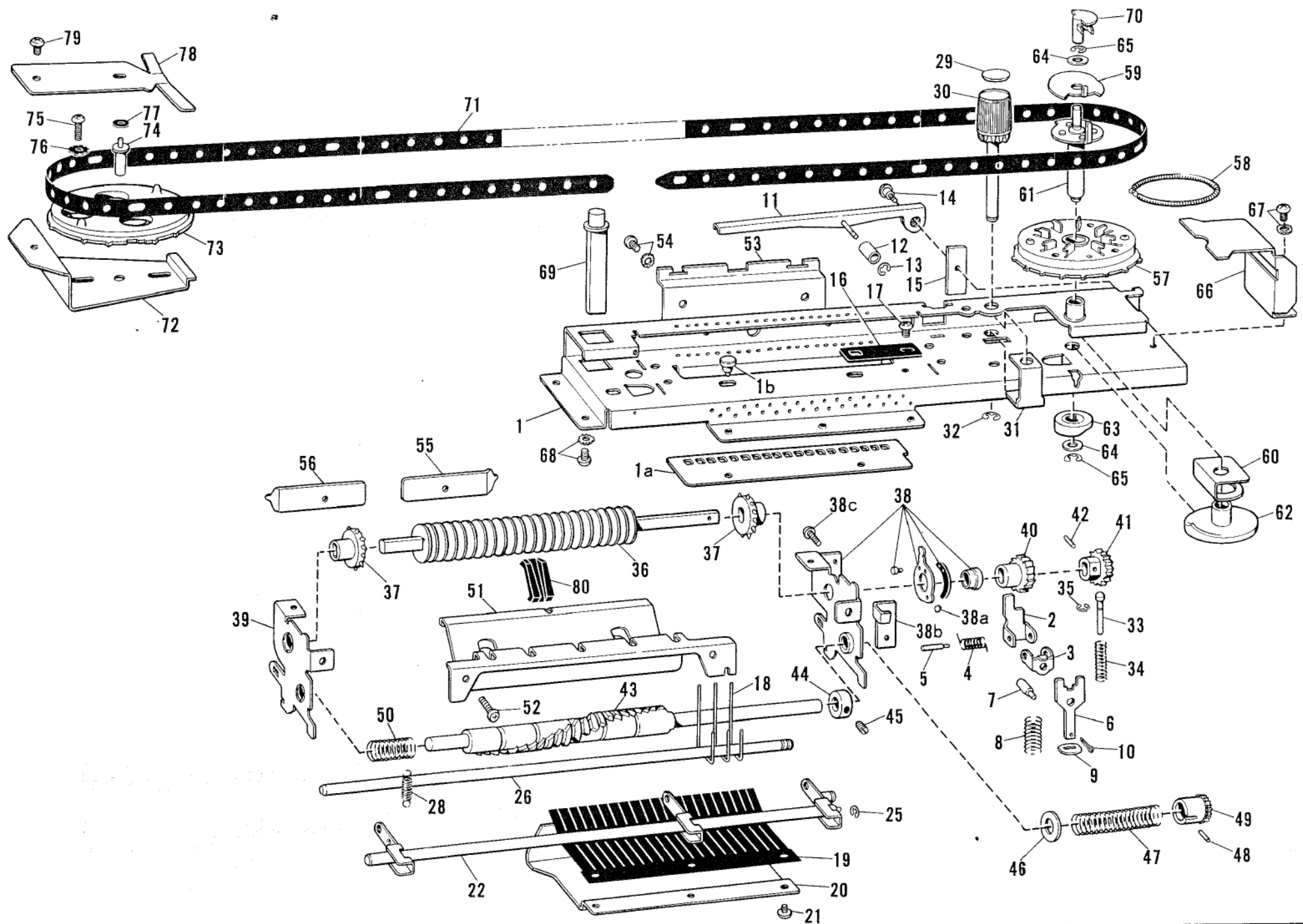


PARTS FOR NEEDLE BED

Fig: B

PARTS FOR NEEDLE BED

Ref. No.	Parts No.	Description	Revised	Q'ty	Ref. No.	Parts No.	Description	Revised	Q'ty
B 1	408080001	Needle bed assembly		1					
2	407109001	Needle bed comb assembly		1					
3	004630704	Flat head screw, 2.38×7		12					
4	405077001	Nut, 2.38		12					
5	407112001	Needle retaining spring		1					
6	407687001	Fastening screw, 3.18		3					
7	407113001	Plain needle		200					
8	405078001	Sponge bar assembly		1					
9	407114001	Needle position indicator		1					
10	407565001	Carrying case reinforcing plate A		1					
11	406397001	Fastening screw with washer		21					
12	407116000	Carrying case reinforcing plate B		1					
13	000660504	Fastening screw, with washer	406397001	3					
14	407120000	Lower holder plate		2					
15	407121000	Stay, right		1					
16	408061000	Stay, center		1					
17	407123000	Stay, left		2					
18	407124000	Pulley shaft holder plate		1					
19	000660704	Fastening screw 3.18×7		2					
20	407457001	Extension rail lock spring		2					
21-35	408087001	Needle selector plate holder assembly		1					
21	408088001	Needle selector plate, 1		1					
22	408089001	Needle selector plate, 2		1					
23	408090001	Needle selector plate, 3		1					
24	408091001	Needle selector plate, 4		1					
25	408092001	Needle selector plate, 5		1					
26	408093001	Needle selector plate, 6		1					
27	408094001	Needle selector plate, 7		1					
28	408095001	Needle selector plate, 8		1					
29	408097000	Needle selector plate holder		1					
30	407228000	Spring hanger		1					
31	408159001	Shaft A		6					
32	048025346	Snap ring, 2.5		6					
33	408172001	Shaft B		1					
34	048025346	Snap ring, 2.5		1					
35	408086001	Needle selector plate spring		8					
36	408098001	N.S.P. operation lever		24					
37	408099001	Operation lever presser		1					
38	000660403	Fastening screw, 3.18×4		2					
39	406397001	Fastening screw with washer		8					
40	407703000	Sponge plate		1					

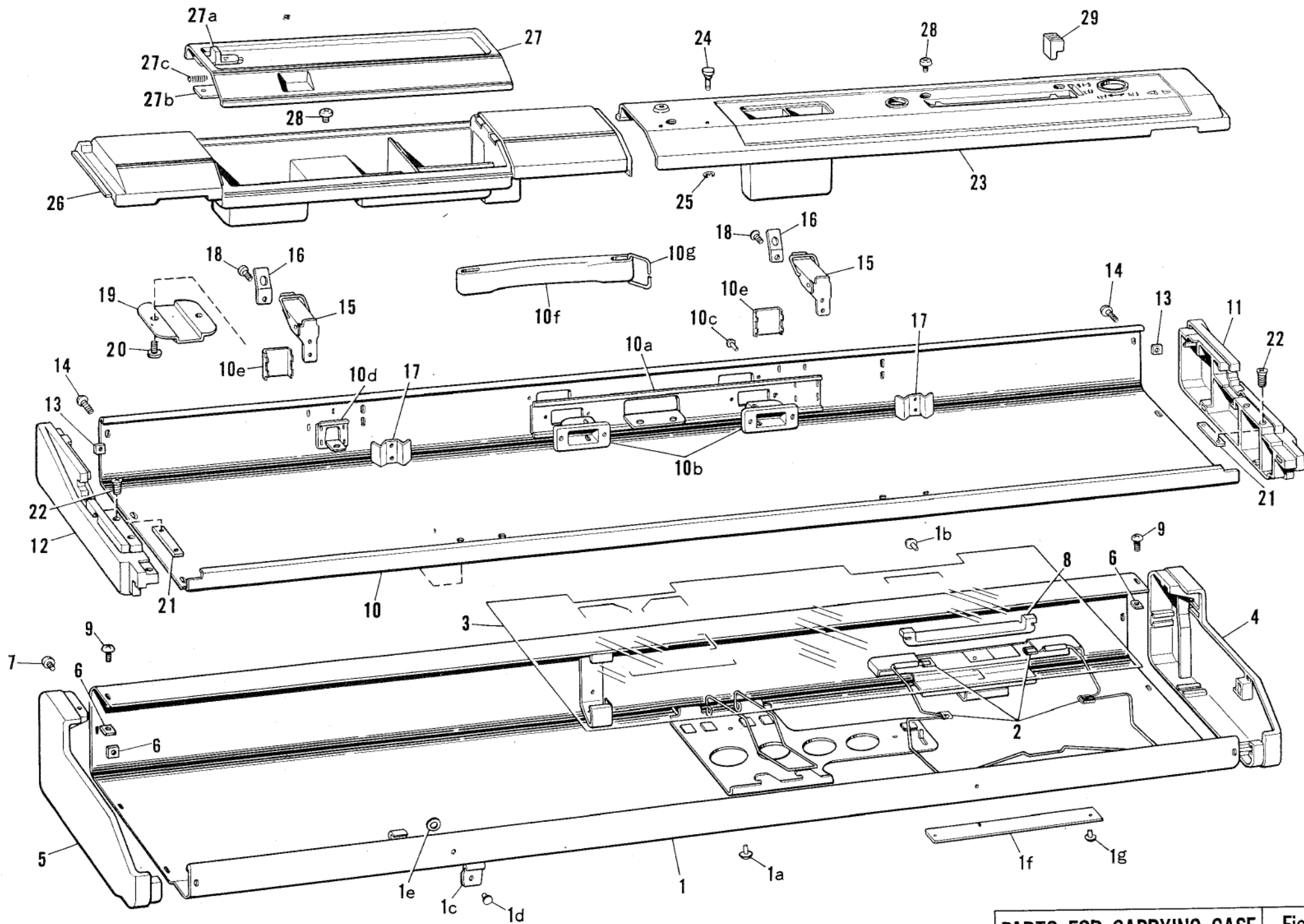


NEEDLE SELECTOR UNIT

Fig: C

PARTS FOR NEEDLE SELECTOR UNIT

Ref. No.	Parts No.	Description	Revised	Q'ty	Ref. No.	Parts No.	Description	Revised	Q'ty
C 1-68 & 80	408100001	Needle selector unit		1	C 56	408308001	Spring plate L		1
1	408063001	Needle selector unit body		1	57	408173001	Clutch wheel assembly		1
					58	407202001	Clutch spring		1
2-7	407138001	Ratchet assembly		1	59	407205001	Clutch cam B		1
					60	407472001	Bevel gear stopper plate		1
					61	407206001	Clutch cam A		1
					62	408082000	Card feeding cam		1
8	407145001	Ratchet operation plate spring		1	63	408083000	Card reader release cam		1
9	407464000	Ratchet spring stopper ring		1	64	025350333	Washer, 3.5		2
10	045100802	Split pin, 1×8		1	65	048025346	Snap ring, 2.5		2
11	407147000	Card feeding lever		1	66	408084000	Timing belt guide plate, right		1
12	407149001	Roller		1	67	406397001	Fastening screw with washer		2
13	048020346	snap ring, 2		1	68	406397001	Fastening screw with washer		5
14	407150001	Shaft for card feeding lever		1	69	408065001	Push button		1
15	407197000	Card feeding adjuster plate		1	70	407523001	Direction indicator plate		1
16	408068001	Card reader guide stopper		1	71	408181001	Timing belt		1
17	000660403	Fastening screw, 3.18×4		1	72-76 & B18	408176001	Pulley & shaft assembly		1
18	407152001	Card reader		24					
19	408315001	Card reader spring		1	75	000660603	Fastening screw, 3.18×6		2
20	408213001	Card reader spring presser plate	408213000	1	76	407595001	Teeth washer, 3.2		2
21	002669303	Fastening screw, 3.18×3.5		3	77	407596000	Washer, 3.1		1
22 & 26	408070001	Card reader release plate assembly	408069001	1	78	407597001	Brake spring		1
					79	000660403	Fastening screw, 3.18×4		1
					80	407467000	Card guide pin holder		1
25	048020346	Snap ring, 2		1					
28	407161001	Spring for card reader release plate		1					
29-30	407189002	Card feeding knob assembly		1					
31	407193000	Card feeding knob stopper cam		1					
32	048020346	Snap ring, 2		1					
33	407179001	Card position guide pin		1					
34	407180001	Spring		1					
35	048020346	Snap ring, 2		1					
36	407162001	Card roller		1					
37	407164001	Feeding gear		2					
38	408073001	Card roller holder, right		1					
39	408075001	Card roller holder, left		1					
40	407176000	Ratchet wheel		1					
41	407177000	Card position guide gear		1					
42	407473001	Pin, 2.5×10		1					
43	408078000	Rotary cam	408078002	1					
44	407184001	Rotary cam adjuster collar		1					
45	013680516	Stopper screw		2					
46	405516001	Washer, 8.1		1					
47	408164001	Bevel gear spring		1					
48	407183001	Pin, 2.5×14		1					
49	407185000	Bevel gear		1					
50	408165001	Rotary cam spring		1					
51	407187001	Card guide		1					
52	000660403	Fastening screw, 3.18×4		2					
53	407188000	Card reader holder		1					
54	406397001	Fastening screw with washer		2					
55	408309001	Spring plate R		1					

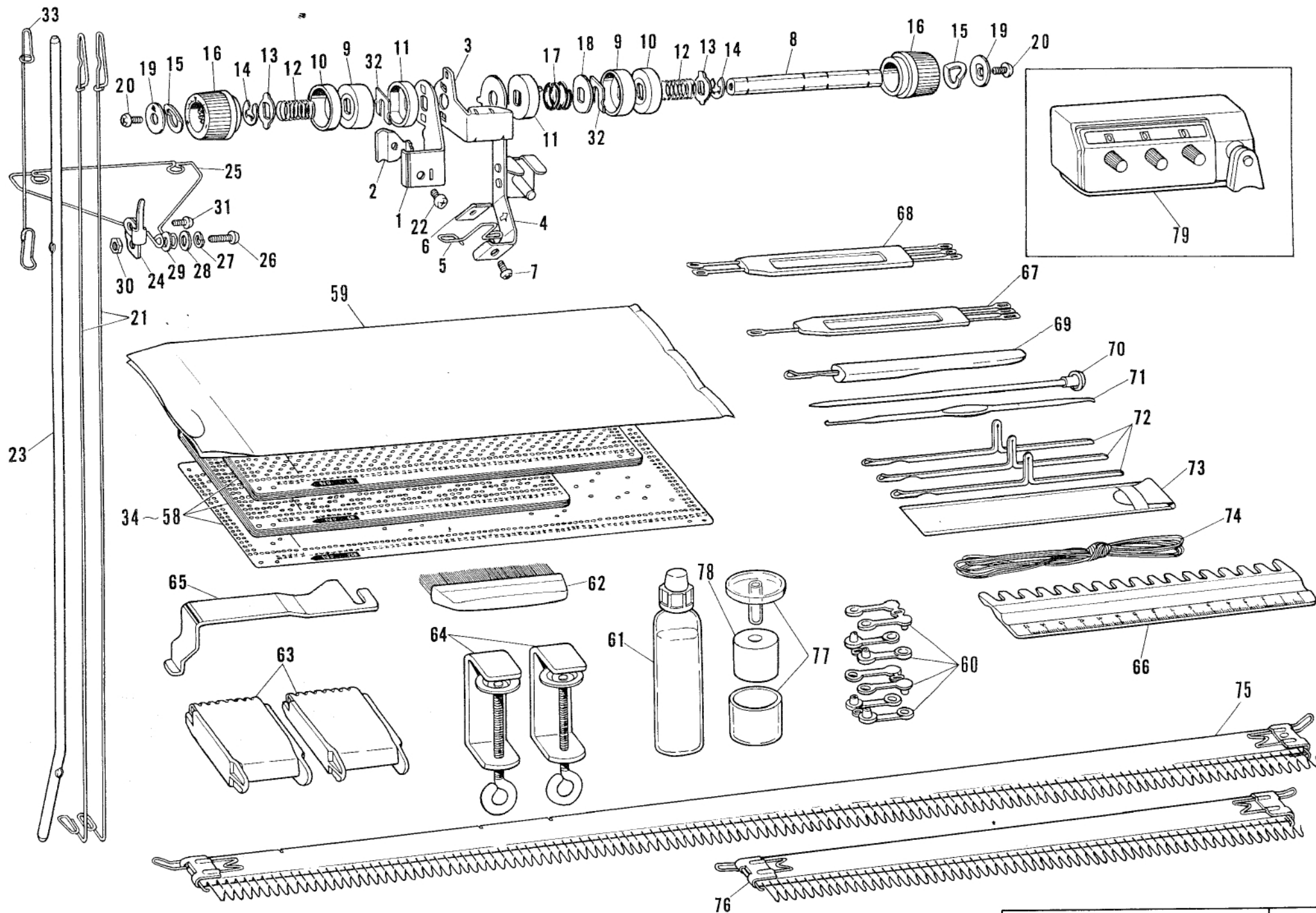


PARTS FOR CARRYING CASE

Fig: D

PARTS FOR CARRYING CASE

Ref. No.	Parts No.	Description	Revised	Q'ty	Ref. No.	Parts No.	Description	Revised	Q'ty
D 1-18	408276001	Carrying case complete		1					
1-8	408277001	Carrying case upper assembly		1					
1	408278001	Carrying case upper body		1					
1f	408280001	BROTHER name plate		1					
1g	408037001	Tubular rivet, 2×3		2					
2	404272001	Cushion tube A.	408250001	2					
3	407850001	Packing instruction sheet		1					
4	407250002	Upper side plate, right		1					
5	407251002	Upper side plate, left		1					
6	407252000	Square nut, 3.18		10					
7	408306001	Fastening screw, 3.18×6		1					
8	407741001	L carriage holder plate		1					
9	408307001	Fastening screw, 3.18×10		9					
10-18	407253002	Carrying case lower assembly		1					
10	407254002	Carrying case lower body		1					
11	407262002	Lower side plate, right		1					
12	407263002	Lower side plate, left		1					
13	407252001	Square nut, 3.18×6	000660604	8					
14	408307001	Fastening screw, 3.18×10		6					
15	404022001	Carrying case lock assembly		2					
16	404027001	Carrying case lock spring		2					
17	407115000	Fastening plate		2					
18	405658001	Fastening screw, 3.18		4					
19	407261001	Table clamp setting plate		2					
20	000660504	Fastening screw, 3.18×5		4					
21	407265000	Needle bed fastening plate		2					
22	407119001	Flat head screw, 4.37		4					
23-25	408281001	Panel assembly		1					
26-27c	407270002	Accessories box assembly		1					
28	000660504	Fastening screw, 3.18×5		4					
29	407277002	Card lock lever knob		1					

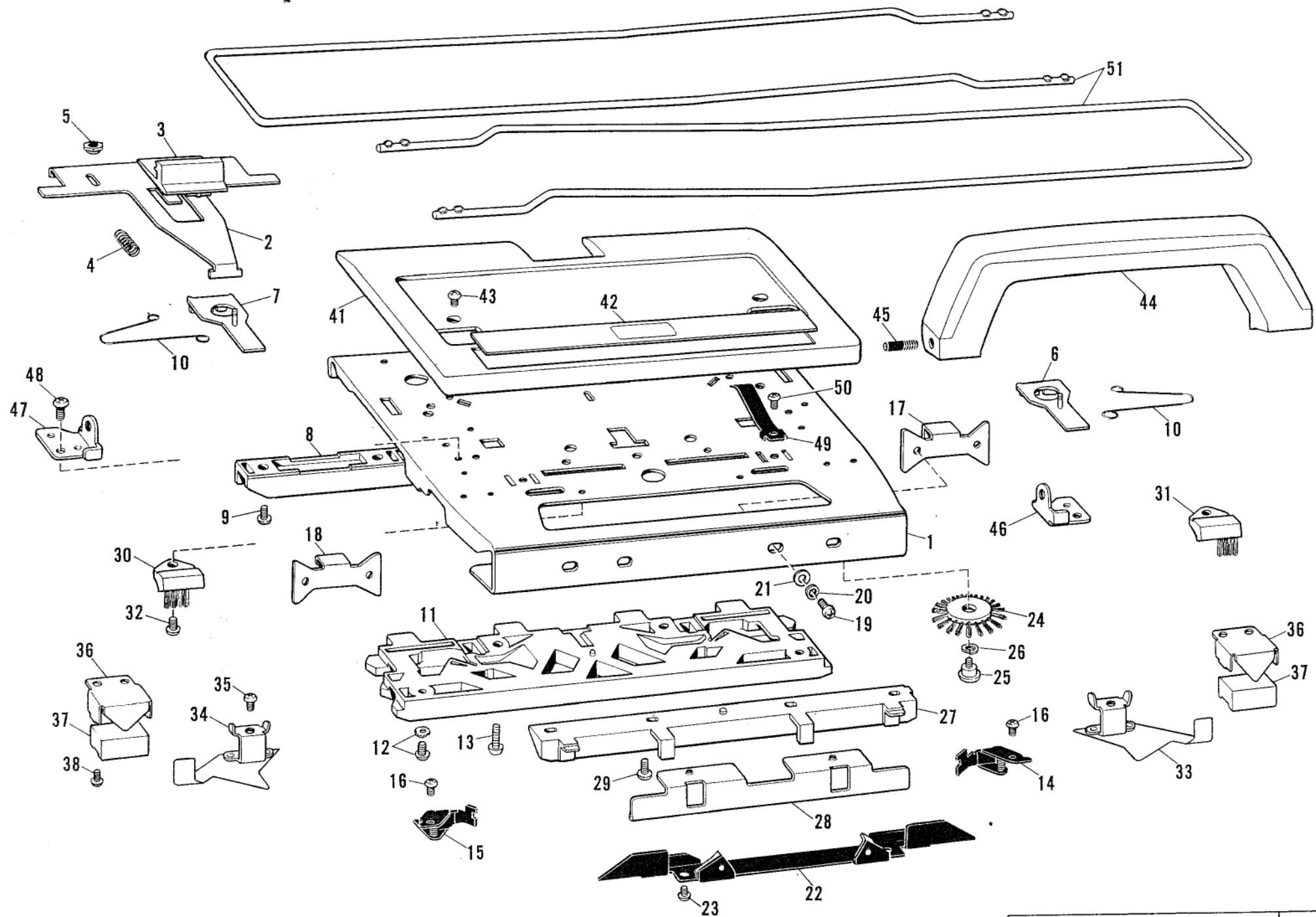


PARTS FOR ACCESSORIES

Fig: E

PARTS FOR ACCESSORIES

Ref. No.	Parts No.	Description	Revised	Q'ty	Ref. No.	Parts No.	Description	Revised	Q'ty
E 1-33	406230001	Yarn tension unit assembly		1	E 61	405134004	Special knitting machine oil	405135004	1
					62	403552001	Hand brush		1
					63	404883005	Claw weight		2
					64	407510001	Table clamp		2
					65	407481001	Carriage lock		1
					66	407482001	1/1 needle pusher		1
					67	402575001	1×3 transfer tool		1
					68	402631001	2×3 transfer tool		1
					69	407458001	Latch tool		1
					70	407516001	Card holder pin		1
					71	402577001	Crochet		1
					72	407113001	Spare needle		3
					73	407483000	Spare needle case		1
					74	402389001	Cast-on thread		1
					75	404787002	Cast-on comb, long		1
					76	404884002	Cast-on comb, short	404787003	1
					77	404823000	Wax case	404884003	1
					78	404811000	Wax		1
					79	405134004	Row counter		1
21	404755000	Take-up spring	404755001	2					
23	406248001	Yarn tension rod		1					
24	406245001	Rear yarn guide holder		1					
25	406246000	Rear yarn guide		1					
26	002661004	Fastening screw, 3.18×10		1					
27	028350246	Spring washer, 2M-3.5		1					
28	400806004	Washer, 3.6		1					
29	403370003	Washer, 3.6	400806004	1					
30	021660406	Nut 4-3.18		1					
31	002660504	Fastening screw, 3.18×5		1					
33	407839000	Sub take-up spring	407839001	1					
34-59	408112001	Punch card set		1					
34	407601001	Punch card No. 1		1					
35	407602001	Punch card No. 2		1					
36	407603001	Punch card No. 3		1					
37	407604001	Punch card No. 4		1					
38	407605001	Punch card No. 5		1					
39	407606001	Punch card No. 6		1					
40	407607001	Punch card No. 7		1					
41	407608001	Punch card No. 8		1					
42	407609001	Punch card No. 9		1					
43	407610001	Punch card No. 10		1					
44	407611001	Punch card No. 11		1					
45	407612001	Punch card No. 12		1					
46	407613001	Punch card No. 13		1					
47	407614001	Punch card No. 14		1					
48	407615001	Punch card No. 15		1					
49	407616001	Punch card No. 16		1					
50	407617001	Punch card No. 17		1					
51	407618001	Punch card No. 18		1					
52	408114001	Punch card No. 19A		1					
53	408115001	Punch card No. 20A		1					
54	408116001	Punch card No. 21A		1					
55	408117001	Punch card No. 22A		1					
56	408118001	Punch card No. 23A		1					
57	408119001	Punch card No. 24A		1					
58	408120001	Punch card No. 25A		1					
59	408121001	Card case		1					
60	407724001	Plastic snap (4pcs. in one set)		1					



PARTS FOR L-CARRIAGE

Fig: F

PARTS FOR L-CARRIAGE

Ref. No.	Parts No.	Description	Revised	Q'ty	Ref. No.	Parts No.	Description	Revised	Q'ty
F 1-50	408124001	L carriage assembly		1					
1	408125001	L carriage plate		1					
2	408127001	Release button plate		1					
3	407496002	Release button		1					
4	407497001	Release button plate spring	407497000	1					
5	408166001	Stud for release button plate		2					
6	408167001	Connecting plate R for L carriage		1					
7	408169001	Connecting plate L for L carriage		1					
8	407493000	Rear foot		1					
9	000660703	Fastening screw, 3.18×7		4					
10	408128001	Connecting plate spring		2					
11	408129001	Main cam	408129000	1					
12	406397001	Fastening screw with washer		2					
13	000660803	Fastening screw, 3.18×8		2					
14	408130001	Separation cam R for L carriage		1					
15	408135001	Separation cam L for L carriage		1					
16	406397001	Fastening screw with washer		2					
17	408140001	Needle transfer plate, R		1					
18	408141001	Needle transfer plate, L		1					
19	000660504	Fastening screw, 3.18×5		4					
20	403069001	Washer, 3.3		4					
21	028030243	Spring washer, 2.3		4					
22	408142001	Cam plate		1					
23	000660403	Fastening screw, 3.18×4		2					
24	408146001	Wheel brush		2					
25	405029001	Stud screw, 3.18		2					
26	028030243	Spring washer, 2.3		2					
27	407490000	Front foot		1					
28	408147001	Front foot holder		1					
29	000660703	Fastening screw, 3.18×7		4					
30	407743001	Small brush, R		1					
31	407688001	Small brush, L		1					
32	000660403	Fastening screw, 3.18×4		2					
33	408149001	Spring plate, right		1					
34	408151001	Spring plate, left		1					
35	000660503	Fastening screw, 3.18×5		2					
36	408154001	Magnet box	408154000	2					
37	404779000	Magnet	406011000	2					
38	002660403	Fastening screw, 3.18×4		4					
41-42	408156001	L carriage cover assembly		1					
42	408158001	Decoration plate		1					
43	000660403	Fastening screw, 3.18×4		2					
44	407503002	L carriage handle		1					
45	407422001	Stud screw		2					
46	407508001	Handle setting base, R		1					
47	407507001	Handle setting base, L		1					
48	000670503	Fastening screw, 3.57×5		2					
49	407522001	Handle lock spring		2					
50	000660303	Fastening screw, 3.18×3		2					
51	407484001	Extension rail	408122001	2					

