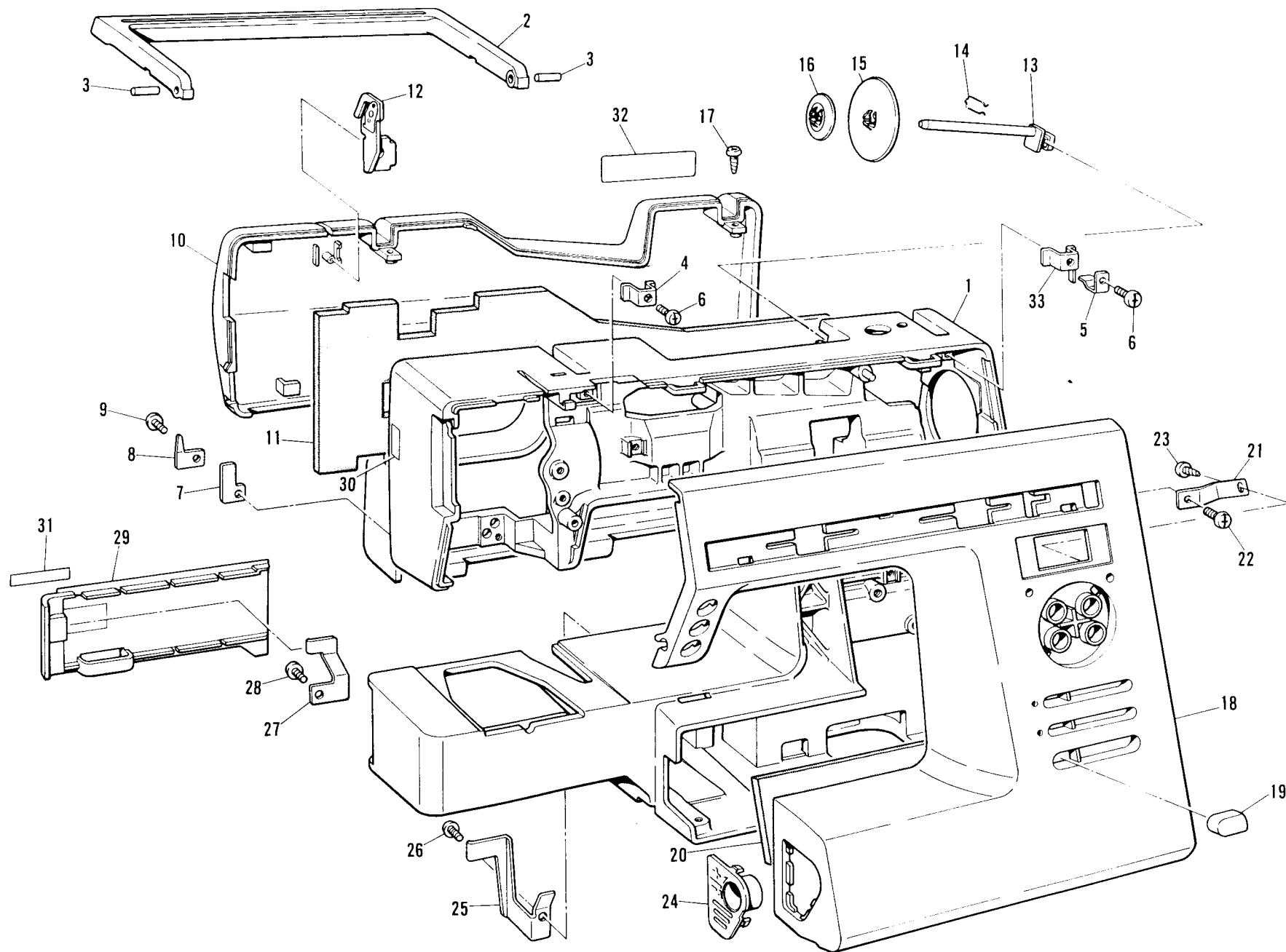


(1) ARMBED AND FRONT COVER

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137801002	Arm bed						
2	138270002	Carrying handle						
3	137655001	Carrying handle shaft						
4	137654001	Presser plate						
5	137653001	Spring						
6	060300516	Screw						
7	137666001	Thread cutter B						
8	137665001	Thread cutter A						
9	060300416	Screw						
10	137664002	Rear cover						
11	137967000	Rear cover sheet						
12	137884001	Thread guide assembly						
13	138498001	Spool pin						
14	137979001	Spring						
15	130012001	Spool presser, A						
16	130013001	Spool presser, B						
17	U06923001	Screw						
18	138487001	Front cover						
19	138490001	Speed control knob						
20	138114000	Front cover sheet						
21	137684001	Front cover set plate						
22	060300616	Screw						
23	136681001	Screw						
24	137936002	Cap						
25	137993001	Rear cover set plate						
26	060400616	Screw						
27	137772001	Set plate						
28	060400616	Screw						
29	137663002	Bed cover						
30	138493001	Sticker						
31	135657003	Drop feed sticker						
32	132400004	Name plate						
33	138591001	Presser plate						

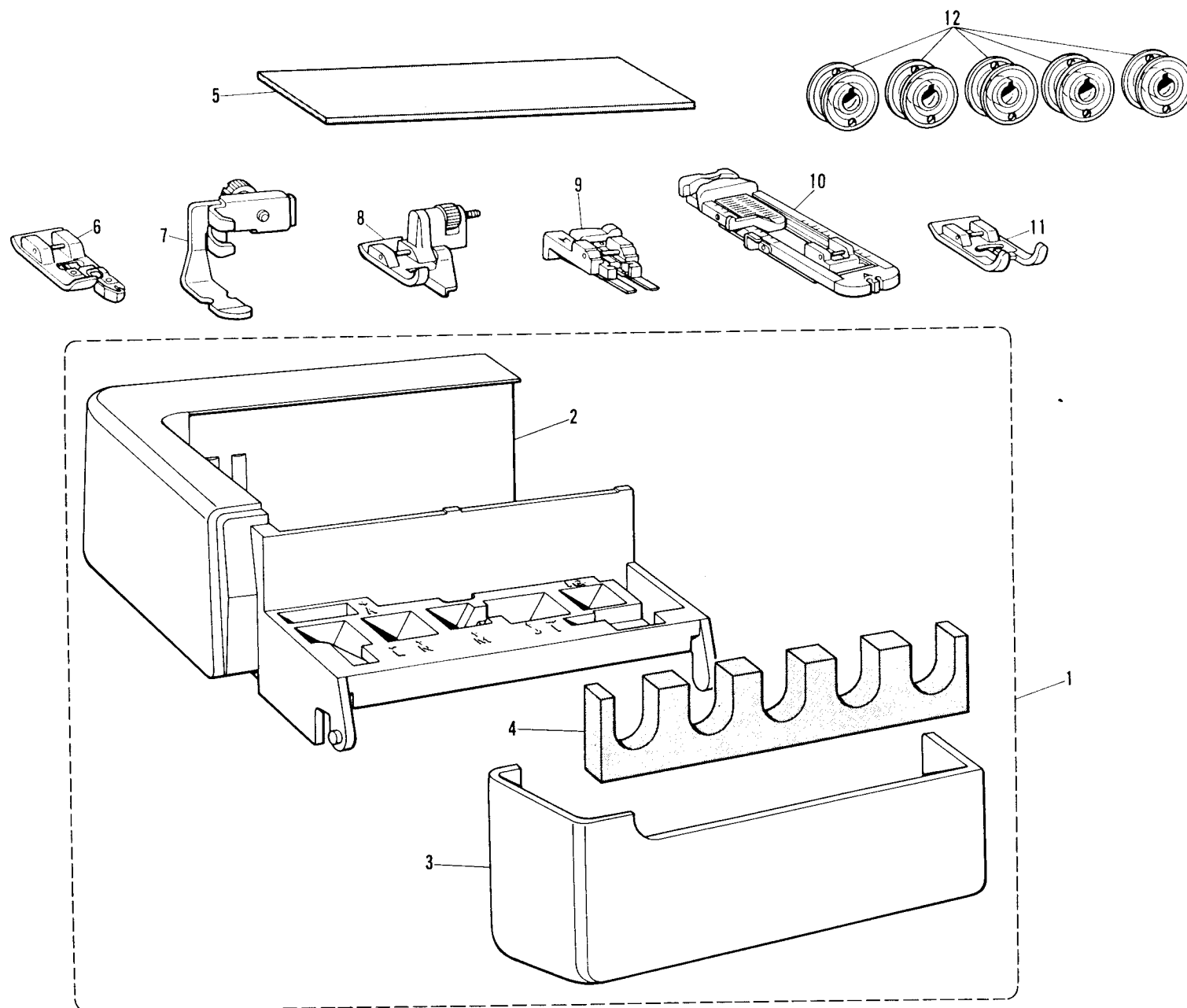
1



(2) ACCESSORY TABLE AND ACCESSORIES

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137671002	Accessory table assembly						
2	137672002	Accessory table						
3	137673002	Accessory table cover						
4	137674000	Bobbin holder						
5	137675000	Sponge						
6	129708001	Overlock stitch foot						
7	103561001	Zipper foot						
8	129868001	Blind stitch foot						
9	130489001	Buttoning foot						
10	129881001	Buttonhole foot assembly						
11	137988001	Transparency presser foot						
12	136492001	Bobbin						

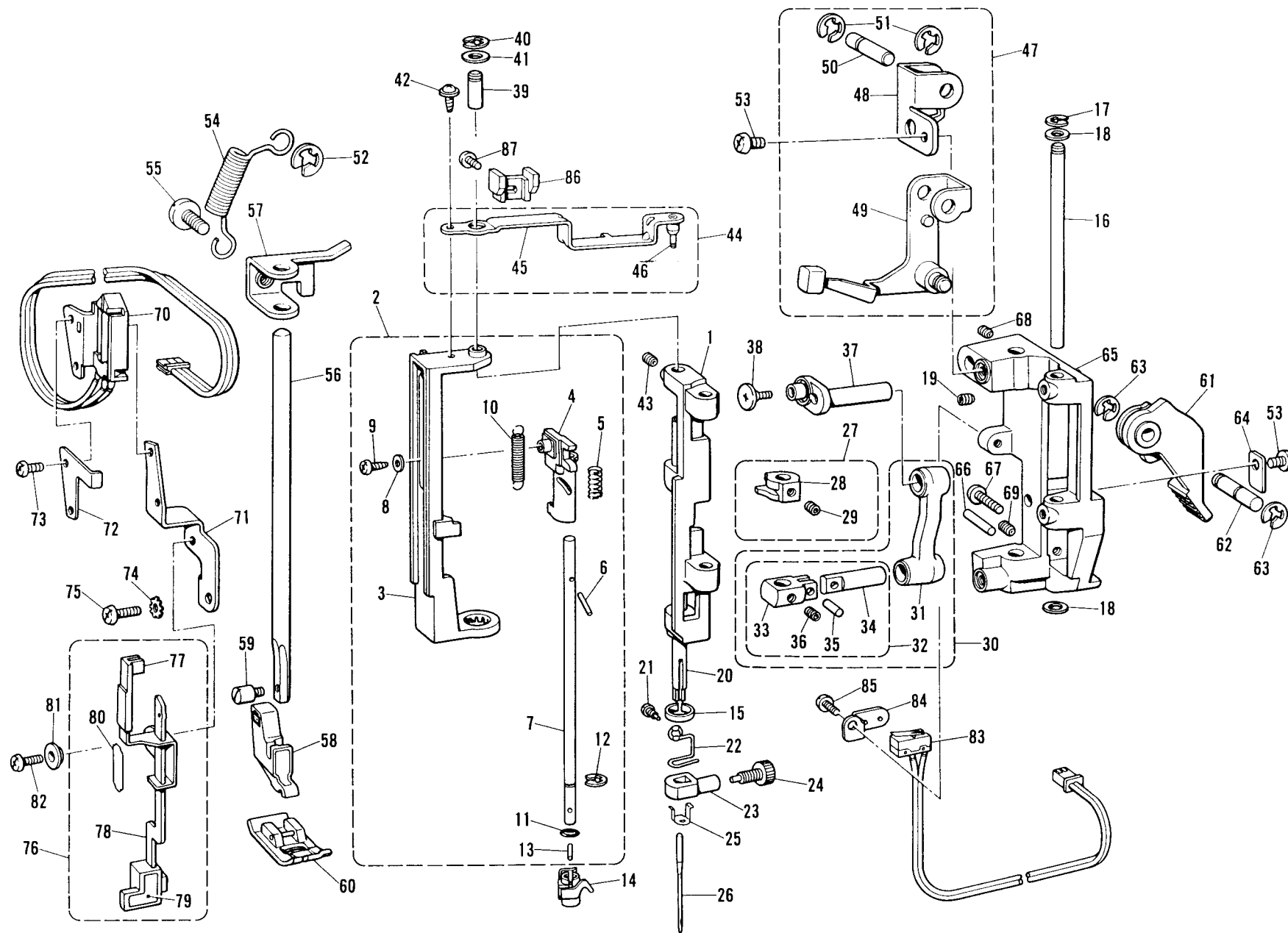
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(3) NEEDLE BAR AND PRESSER BAR

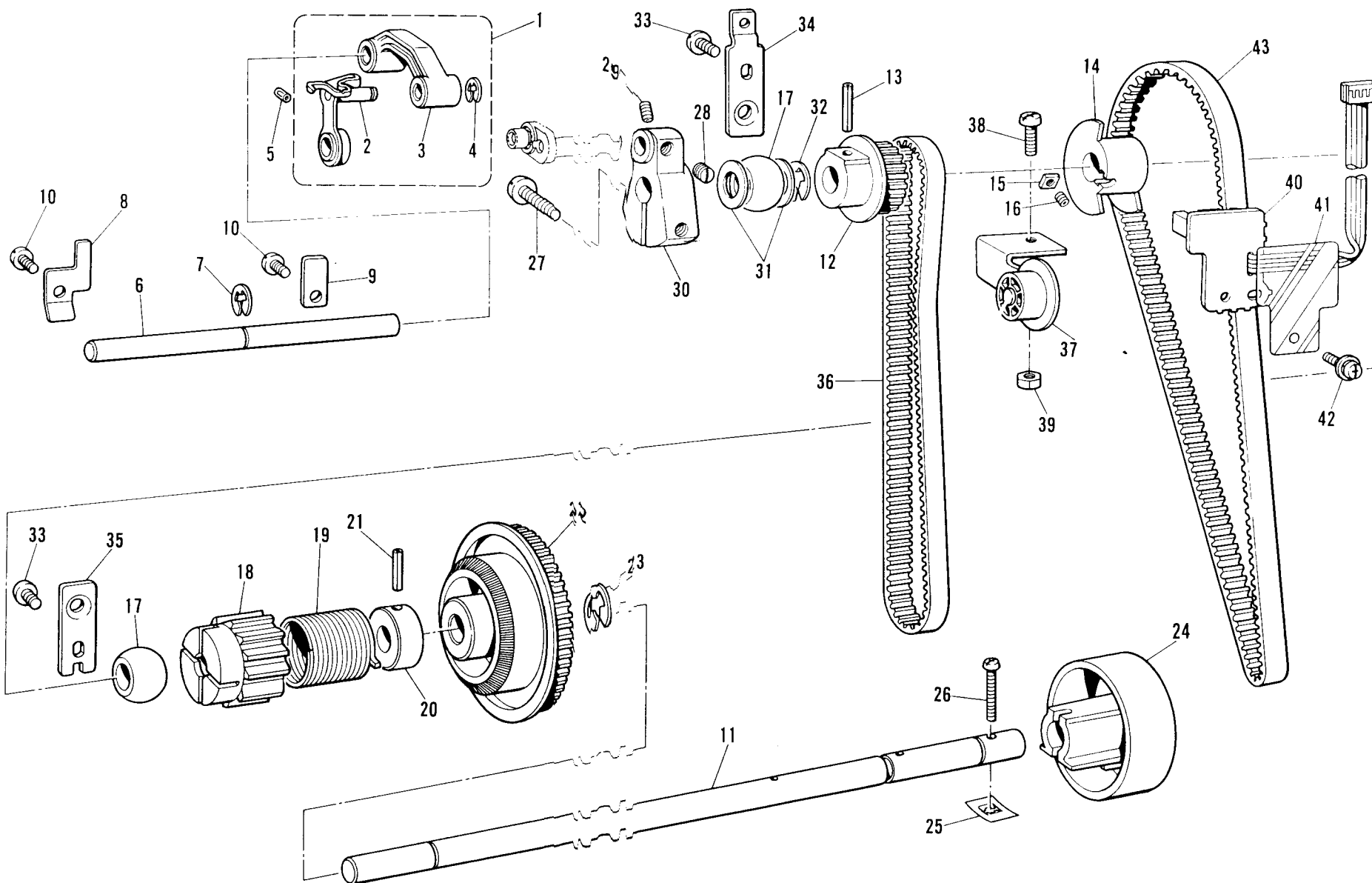
Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137704001	Needle bar supporter	32	137721001	Needle bar clamp assembly	65	137755001	Presser bar unit holder
2	137707001	Needle threader guide assembly	33	137722001	Needle bar clamp	66	137970001	Pin
3	137708000	Needle threader guide	34	137705001	Stud for needle bar clamp	67	060401416	Screw
4	137709000	Slider	35	137706001	Pin	68	014400632	Screw
5	129839001	Spring	36	014400432	Screw	69	014400832	Screw
6	137711001	Pin	37	137718001	Needle bar crank	70	137749001	BH Switch assembly
7	137710001	Needle threader shaft	38	132051001	Screw	71	137971001	BH Switch holder
8	137977000	Washer	39	137851001	Zigzag lever shaft	72	129371001	BH Lever stopper
9	136681001	Screw	40	048040346	Stop ring	73	060300616	Screw
10	137712001	Spring	41	137713000	Washer	74	U20568000	Washer
11	081004070	Rubber ring	42	136869001	Screw	75	060400816	Screw
12	048030346	Stop ring	43	014400432	Screw	76	137750001	BH Switch lever assembly
13	131281001	Pin	44	137814001	Zigzag lever assembly	77	137751001	BH Switch lever holder
14	129840001	Threader hook assembly	45	137849001	Zigzag lever	78	137753001	BH Switch lever
15	137996001	Needle threader guide ring	46	137658001	Pin	79	132727002	BH Switch lever plate
16	137714001	Needle bar supporter stud	47	137740002	Presser adjusting holder assembly	80	132654000	BH Spring
17	048040346	Stop ring	48	137741001	Presser adjusting holder	81	132467001	Collar
18	137713000	Washer	49	137742002	Presser adjusting lever assembly	82	060300616	Screw
19	014400432	Screw				83	137972001	BH Change switch assembly
20	137715001	Needle bar	50	137747001	Shaft	84	137974001	BH Change switch plate
21	100139001	Screw	51	048050346	Stop ring	85	060300616	Screw
22	138314000	Needle bar thread guide	52	048050346	Stop ring	86	137850001	Zigzag lever stopper
23	129853001	Needle clamp	53	060400616	Screw	87	060300416	Screw
24	131226001	Needle clamp screw	54	137736001	Presser bar spring			
25	125161000	Needle guide plate	55	060601216	Screw			
26	117914014	Needle #14	56	137735001	Presser bar			
27	137716001	Needle threader position setter assembly	57	137737001	Presser bar guide bracket			
28	129851000	Needle threader position setter	58	129855001	Presser foot holder			
29	014680422	Screw	59	138315001	Screw			
30	137719001	Needle bar crank rod assembly	60	137748001	Presser foot			
31	137720001	Needle bar crank rod	61	137738001	Presser foot lifter			
			62	137739001	Stud			
			63	048040346	Stop ring			
			64	136544001	Stopper plate			

3



(4) UPPER SHAFT

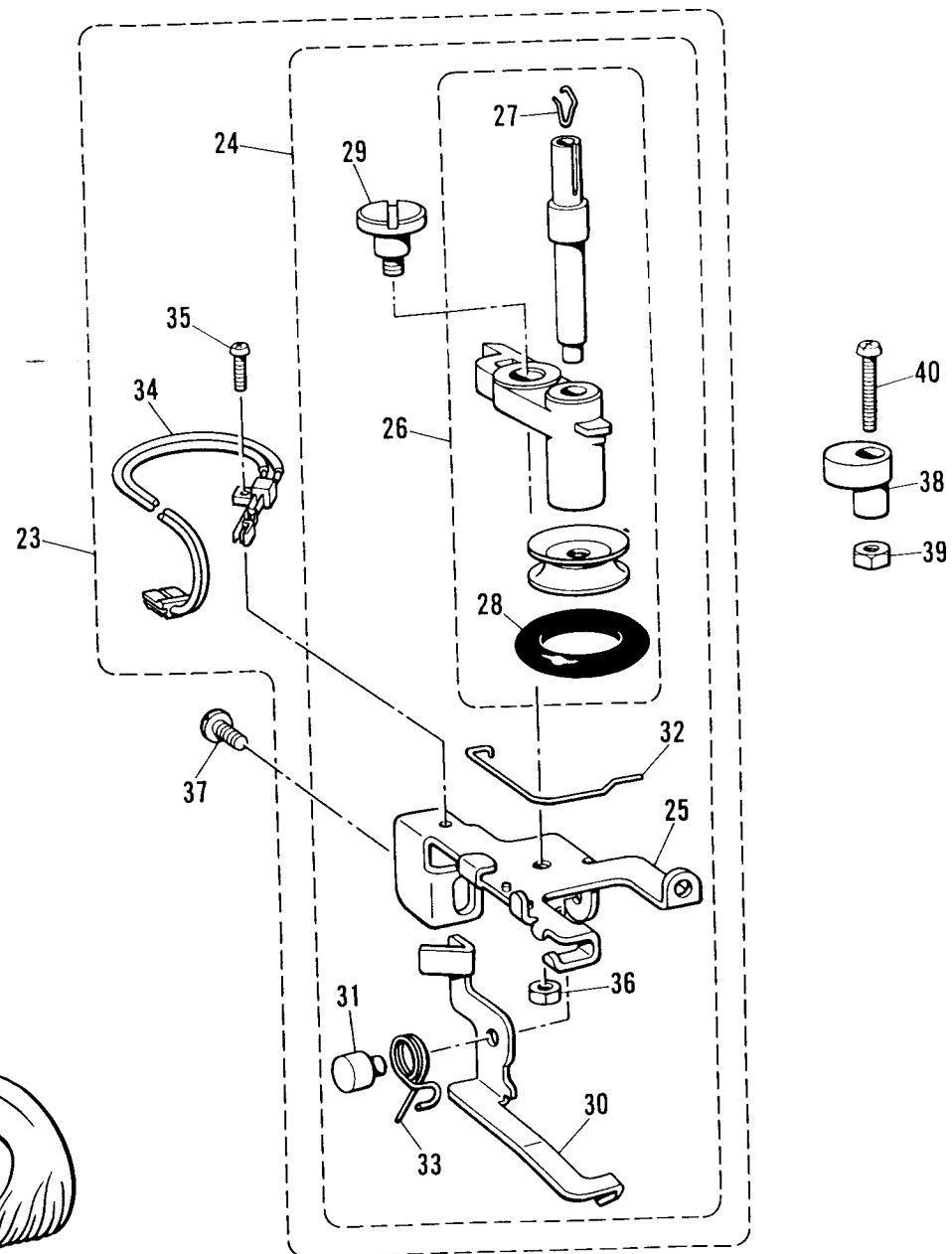
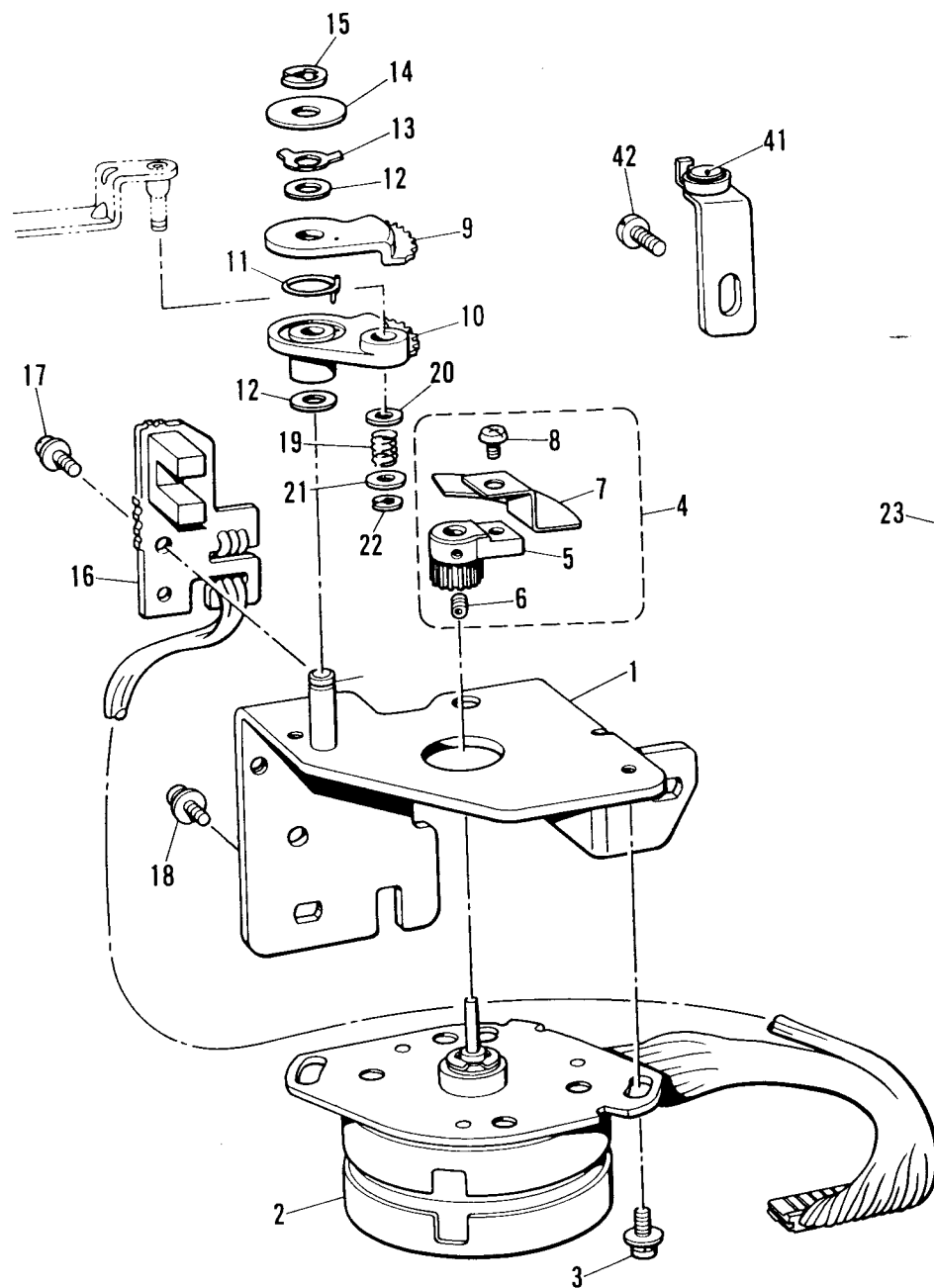
Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137730001	Thread take-up lever assembly	35	132277001	Bushing presser			
2	137731001	Thread take-up lever	36	137697001	Timing belt			
3	137732001	Thread take-up link	37	137698001	Belt adjusting pulley			
4	048040346	Stop ring	38	060401016	Screw			
5	138269000	Cap	39	021400202	Nut			
6	137733000	Thread take-up lever stud	40	137700001	NP Board assembly			
7	048050346	Stop ring	41	138509000	NP Board cover			
8	137984001	Stopper plate, B	42	052300606	Screw			
9	137734001	Stopper plate, A	43	136582001	Timing belt			
10	060400616	Screw						
11	137691000	Upper shaft						
12	132272000	Timing pulley upper						
13	047251642	Spring pin						
14	137982001	Shutter						
15	132275001	Shutter set plate						
16	014300332	Screw						
17	215616000	Upper shaft bushing						
18	137981000	Spring case						
19	136894001	Spring						
20	132269000	Pulley bush						
21	047302242	Spring pin						
22	137692001	Timing pulley						
23	048080346	Stop ring						
24	137694002	Balance wheel						
25	137983001	Nut						
26	060302016	Screw						
27	062062516	Screw						
28	100251001	Screw						
29	123006001	Screw						
30	137693000	Eccentric counter weight						
31	131976000	Washer						
32	048080346	Stop ring						
33	060401016	Screw						
34	137696001	Bushing presser						



(5) ZIGZAG MECHANISM AND BOBBIN WINDER

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137833001	Zigzag pulse motor holder	34	137861001	Bobbin winder switch			
2	Z21320001	Zigzag pulse motor			assembly			
3	533777001	Screw	35	062260516	Screw			
4	137847001	ZPM Gear assembly	36	102571002	Nut			
5	137784001	ZPM Gear	37	060400616	Screw			
6	014300332	Screw	38	121846001	Bobbin presser			
7	137848001	Z Shutter	39	021300106	Nut			
8	060300416	Screw	40	062301616	Screw			
9	137837000	Zigzag gear, B	41	137887001	Bobbin winder thread			
10	137836000	Zigzag gear, A			guide assembly			
11	137840001	Spring	42	060400616	Screw			
12	137713000	Washer						
13	523501001	Spring						
14	137839001	Washer						
15	048040346	Stop ring						
16	137845001	Sensor board assembly, Z						
17	575039003	Screw						
18	138172001	Screw						
19	137998001	Spring						
20	137977000	Washer						
21	026030234	Washer						
22	048020346	Stop ring						
23	137852001	Bobbin winder complete						
24	137853001	Bobbin winder bracket						
		assembly						
25	137854001	Bobbin winder bracket						
26	137855001	Bobbin winder assembly						
27	125928000	Spring						
28	120448001	Bobbin winder rubber						
		ring						
29	120263001	Stud screw						
30	137858001	Bobbin winder clutch plate						
31	137859001	Rivet						
32	137860001	Spring						
33	137992001	Spring						

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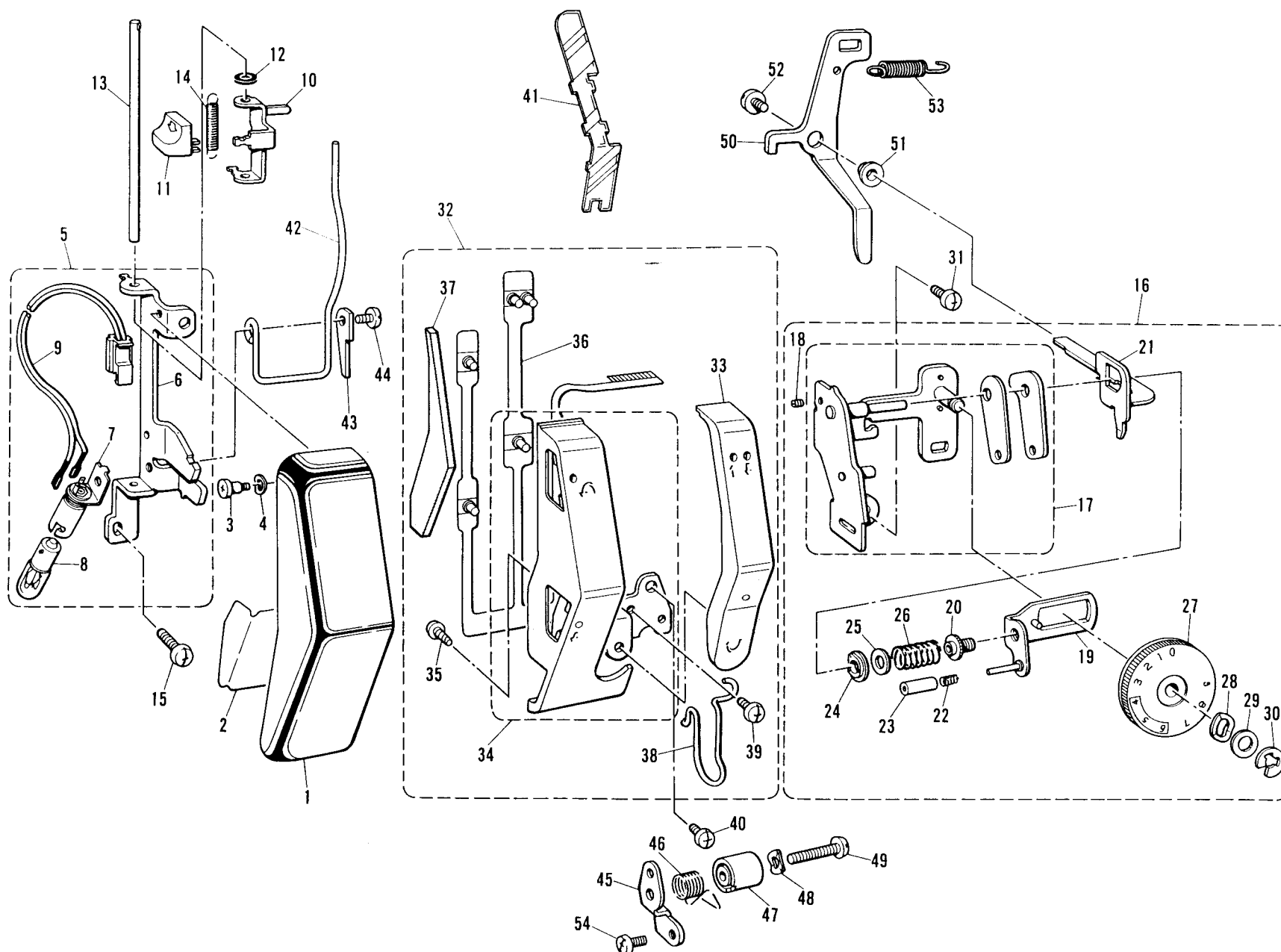


(6) FEED MECHANISM AND LOWER SHAFT

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137764000	Feed bar	35	014300332	Screw	68	137796000	Feed regulator slide block
2	137765101	Feed dog	36	132434000	Washer	69	137797001	Feed gear
3	137787001	Screw	37	132420000	Lower shaft bushing	70	137798001	Feed gear
4	137762001	Feed bar guide shaft	38	048060346	Stop ring	71	137799001	Spring
5	137757001	Horizontal feed arm, A assembly	39	137813000	Vertical feed cam	72	060300416	Screw
6	137758000	Horizontal feed arm, A	40	137819001	Spring	73	048040346	Stop ring
7	137760000	Vertical feed roller	41	137690001	Lower shaft gear assembly	74	137800001	Feed regulator stud
8	137759001	Stud shaft	42	137815001	Lower shaft gear	75	137786001	Feed pulse motor plate
9	014300532	Screw	43	014400632	Screw	76	Z21310001	Feed pulse motor assembly
10	014300332	Screw	44	138202000	Lower shaft collar	77	137793001	Spring
11	137763001	Spring	45	137817000	Side cutter cam	78	021400202	Nut
12	137761001	Spring	46	137818000	Horizontal feed cam	79	138172001	Screw
13	048040346	Stop ring	47	047251442	Spring pin	80	137997001	Stud screw
14	137713000	Washer	48	137812000	Timing pulley, D	81	137991001	Spring washer
15	137842001	Collar	49	047251442	Spring pin	82	026040232	Washer
16	014300332	Screw	50	132421001	Bushing presser	83	137783001	Feed pulse motor gear assembly
17	137774000	Horizontal feed lever	51	060401016	Screw	84	137784001	Feed pulse motor gear
18	137657001	Stud	52	136639001	Bushing presser, R	85	137785000	F Shutter
19	014300332	Screw	53	225580001	Cord guide	86	060300416	Screw
20	137766000	Horizontal feed arm, B	54	137777001	Vertical feed arm assembly	87	014300332	Screw
21	137769000	Horizontal feed arm shaft	55	137985001	Vertical feed arm	88	137792000	Adjusting screw
22	014300332	Screw	56	137779001	Vertical feed roller assembly	89	048060346	Stop ring
23	137770001	Horizontal feed shaft	57	137935001	Roller shaft	90	137789001	Sensor board assembly, F
24	060401416	Screw	58	137999000	Washer	91	575039003	Screw
25	137781001	Drop lever	59	137760000	Roller	92	060401016	Screw
26	048060346	Stop ring	60	048030346	Stop ring	93	048060346	Stop ring
27	132434000	Washer	61	014300532	Screw	94	014400432	Screw
28	137842001	Collar	62	137780001	Vertical feed arm shaft			
29	014300332	Screw	63	137713000	Washer			
30	137775001	Side cutter lever arm	64	014400632	Screw			
31	048060346	Stop ring	65	137782000	Feed pulse motor holder			
32	137810001	Lower shaft	66	137794001	Feed regulator assembly			
33	137811001	Pin	67	137795000	Feed regulator			
34	137768001	Collar						

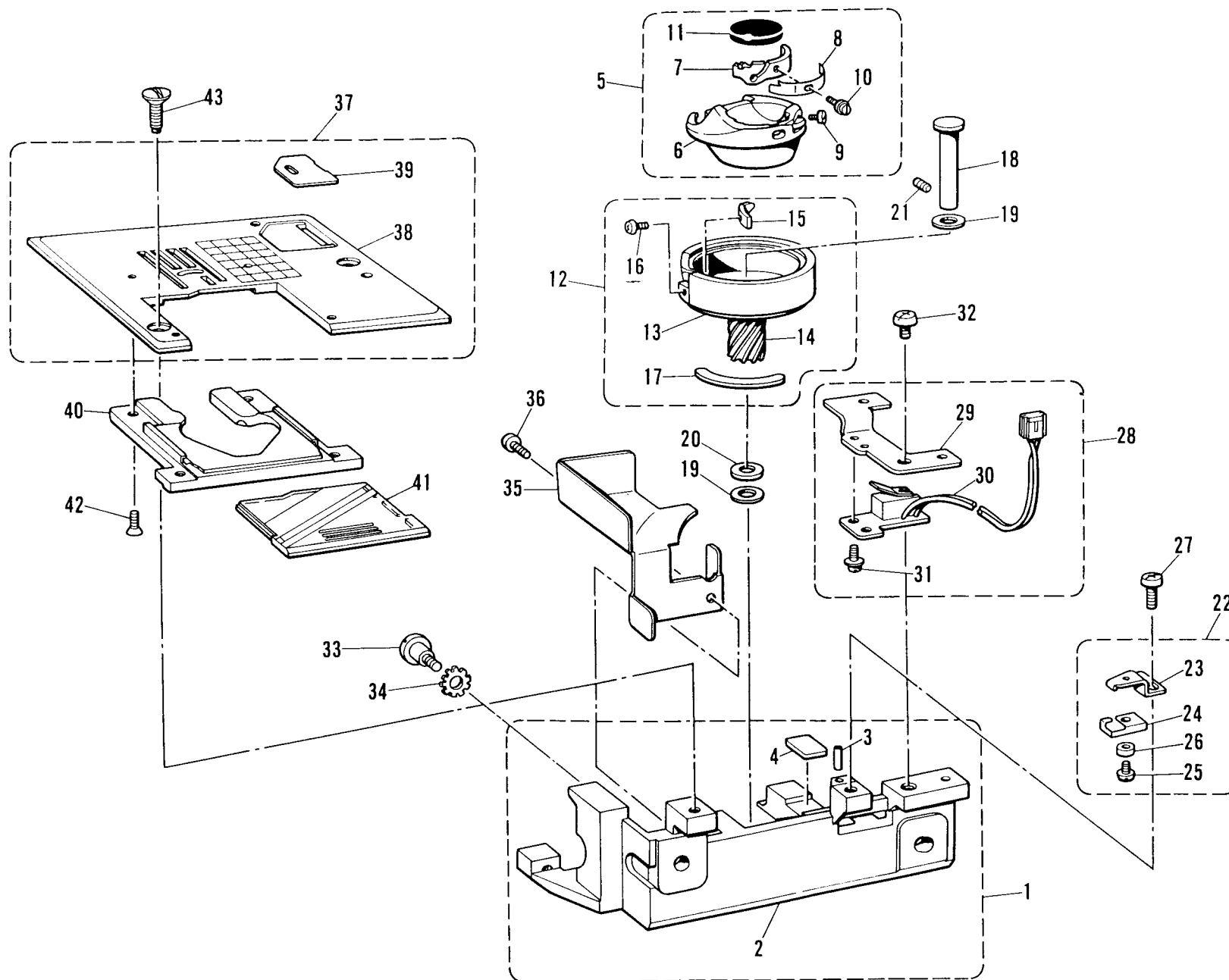
(7) FACE PLATE AND UPPER TENSION

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137660002	Face plate	34	137771002	Thread guard cover, B assembly			
2	137927000	Reflector	35	136681001	Screw			
3	138183001	Stud screw	36	137986001	Threading indicator board assembly			
4	117851001	Washer	37	138514000	Thread guide plate			
5	137898001	Sew-light assembly	38	137897001	Thread guide			
6	137899001	Lamp holder	39	060400616	Screw			
7	132336001	Lamp socket	40	060400616	Screw			
8	132337001	Sew-light bulb	41	138513000	Threading indicator board cover			
9	137900001	Lamp cord	42	137889001	Thread take-up lever guide bar			
10	137893001	Needle threader lever	43	137980001	Guide bar plate			
11	137894002	Lever knob	44	060400616	Screw			
12	129935000	Washer	45	137871001	Thread take-up spring holder			
13	137895001	Needle threader lever shaft	46	137870001	Thread take-up spring			
14	138260001	Spring	47	132305000	Thread take-up spring case			
15	060400616	Screw	48	124521001	Spring washer			
16	137864004	Upper tension complete	49	060402016	Screw			
17	137865001	Tension assembly	50	137890001	Tension releaser, B			
18	128925001	Screw	51	137891001	Collar			
19	137875001	Tension control plate	52	060400616	Screw			
20	137878001	Tension adjusting screw	53	132395001	Spring			
21	137879001	Tension releaser plate	54	060400616	Screw			
22	128930001	Spring						
23	137880001	Spring presser						
24	137881001	Tension disc						
25	109763003	Washer						
26	125305001	Tension spring						
27	137874004	Tension control knob						
28	103810002	Spring washer						
29	109763003	Washer						
30	048050346	Stop ring						
31	060400616	Screw						
32	137872002	Thread guard cover assembly						
33	137873002	Thread guard cover, A						



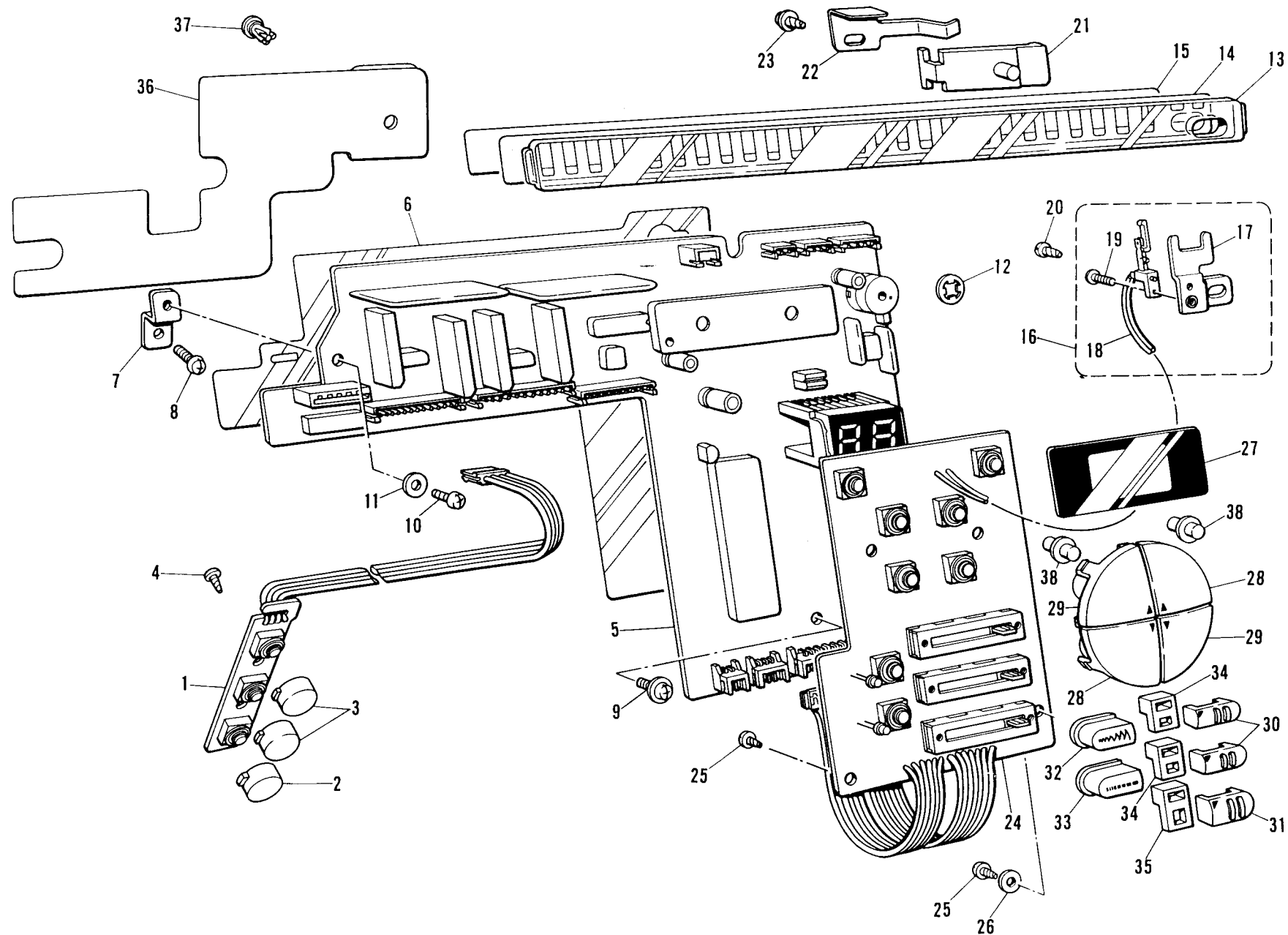
(8) NEEDLE PLATE AND ROTARY HOOK

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	138227001	Rotary hook base assembly	32	060400616	Screw			
2	137803000	Rotary hook base	33	137773001	Stud screw			
3	137811001	Pin	34	124242001	Washer			
4	124253001	Sheet	35	138257001	Dust cover			
5	137827001	Inner rotary hook assembly	36	060300516	Screw			
6	137828001	Inner rotary hook	37	137723001	Needle plate assembly			
7	137829001	Tension adjusting plate	38	137724001	Needle plate			
8	137830001	Tension adjusting spring	39	137725001	Needle plate CS cover			
9	137831001	Screw	40	137726001	Inner rotary hook presser			
10	137832001	Tension adjusting screw	41	137727001	Slide plate			
11	138000000	Magnet	42	061300416	Screw			
12	137820001	Outer rotary hook assembly	43	132584001	Screw			
13	137821001	Outer rotary hook						
14	137822001	Rotary hook gear						
15	137823001	Needle guard						
16	060020316	Screw						
17	137933001	Packing						
18	137804001	Outer rotary hook shaft						
19	137805001	Washer						
20	137976001	Washer						
21	014300332	Screw						
22	137824001	Inner rotary hook bracket assembly						
23	137825001	Inner rotary hook bracket						
24	137826000	Spring						
25	060020316	Screw						
26	137995001	Washer						
27	060400616	Screw						
28	137806001	Needle plate bracket assembly						
29	137807001	Needle plate bracket						
30	137808001	Side cutter switch assembly						
31	052300606	Screw						



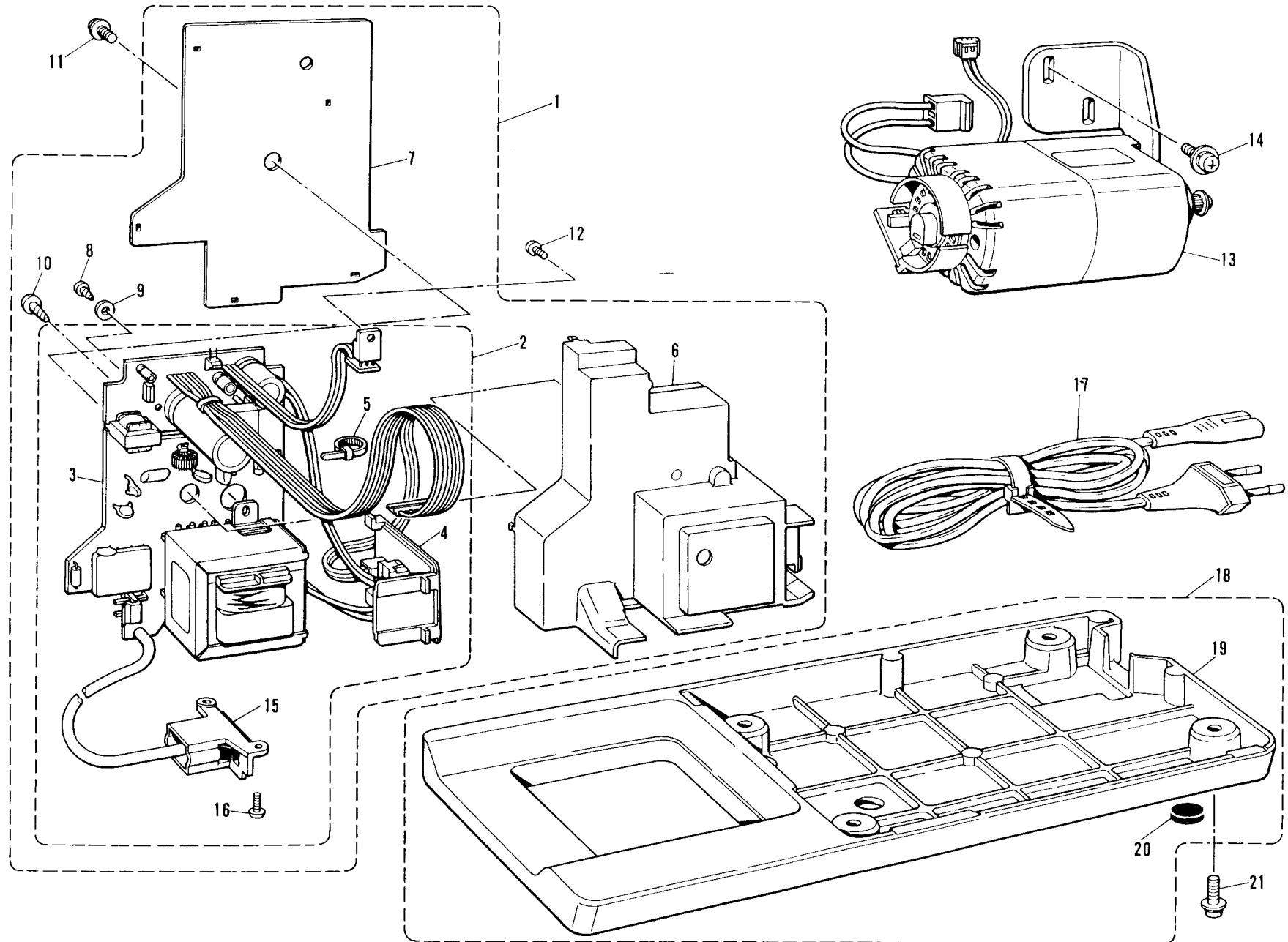
(9) MAIN PC BOARD AND SS SWITCH

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137963001	SS PC Board assembly	35	136313001	Speed connecting block			
2	137968001	SS Key top	36	137743000	Cord guard sheet			
3	137689002	SS Key top	37	128651001	Rivet			
4	136681001	Screw	38	138491001	MC Key top			
5	138562001	Main PC Board assembly						
6	138313000	Insulation sheet						
7	137676001	PC Board set plate						
8	060300616	Screw						
9	052300616	Screw						
10	060300616	Screw						
11	130128001	Washer						
12	146200001	Stop ring						
13	137678001	Plastic plate						
14	138489001	Pattern indicator plate B						
15	138488001	Pattern indicator plate A						
16	137959001	Indicator change switch assembly						
17	137960001	Switch holder						
18	137961001	Switch assembly						
19	062260516	Screw						
20	136681001	Screw						
21	137681001	Pattern change knob						
22	137682001	Spring						
23	136680001	Screw						
24	138556001	Sub PC Board assembly						
25	136681001	Screw						
26	130128001	Washer						
27	137969001	Pattern selecting plate						
28	137661002	Selecting button						
29	137685002	Selecting button						
30	137687002	ZF Slide key top						
31	137688002	Speed adjusting key top						
32	137686002	Z Manual button						
33	138116002	F Manual button						
34	136311001	Slide connecting block						



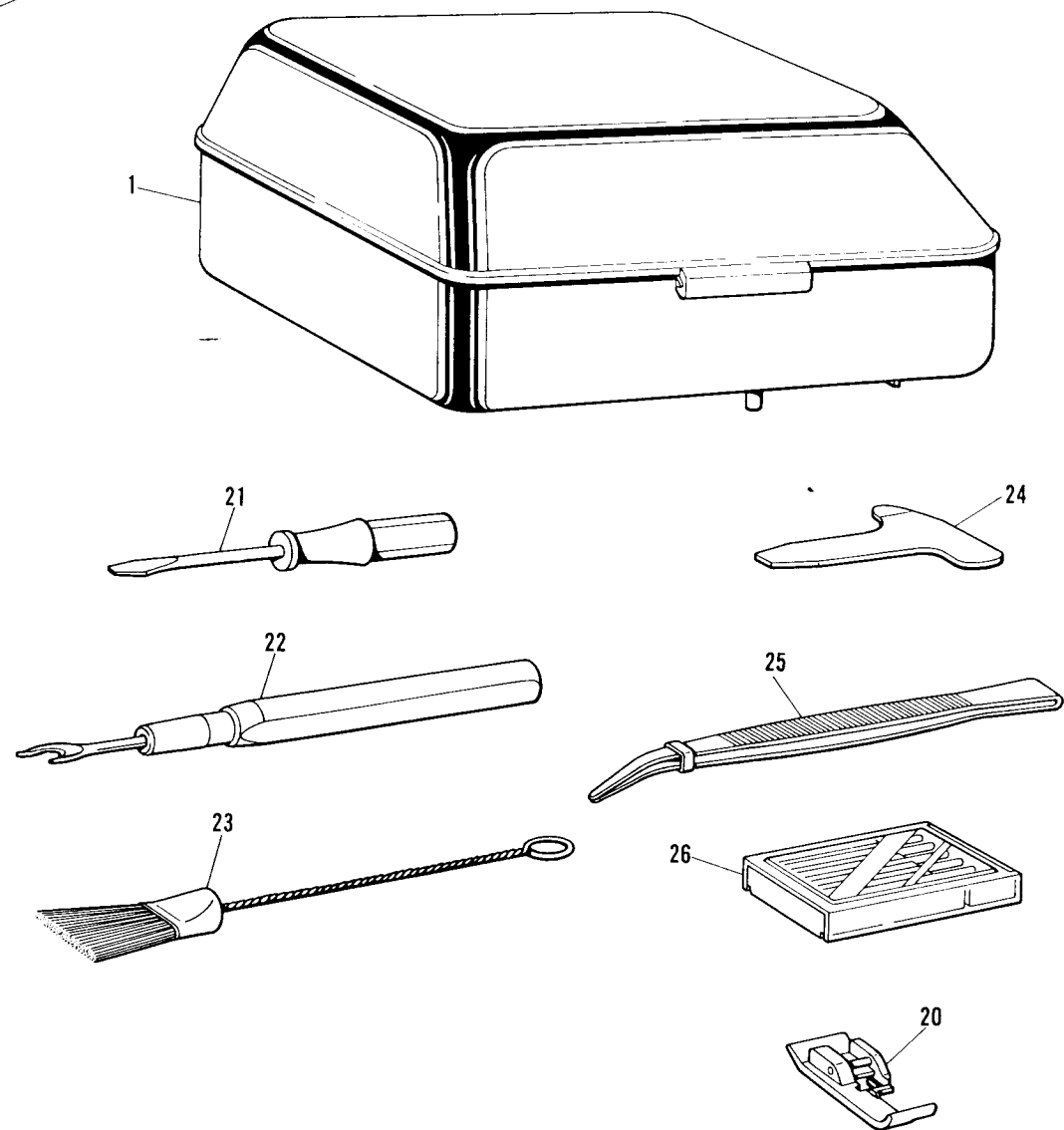
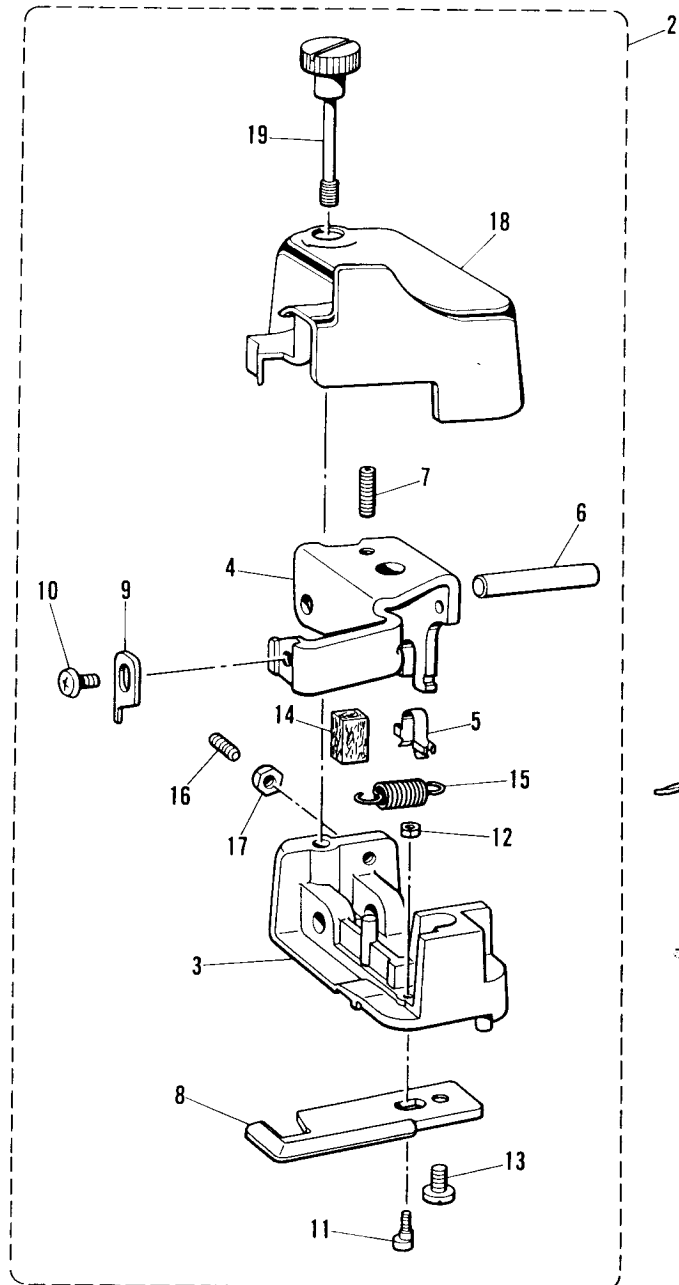
(10) TRANSFORMER AND MOTOR UNIT

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1		Power supply unit assembly						
2		Power supply PC board assembly						
3		Power supply PC board						
4	138110002	Plug case						
5	124240001	Band						
6	137953001	Power supply unit cover						
7	137954001	Power supply unit cover						
8	136681001	Screw						
9	130128001	Washer						
10	138173001	Screw						
11	138172001	Screw						
12	060300616	Screw						
13		Main motor unit						
14	573235001	Screw						
15	138558001	Inlet assembly						
16	060300616	Screw						
17	138561001	Power supply cord assembly						
18	138594001	Base plate assembly						
19	138577001	Base plate						
20	130157001	Rubber cushion for base plate						
21	537235001	Screw						



(11) SIDE CUTTER AND ACCESSORY

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137788001	Accessory box						
2	137966004	Side cutter assembly						
3	136662000	Side cutter bracket						
4	136663001	Side cutter arm						
5	136664001	SC Arm plate						
6	136665001	Side cutter arm shaft						
7	014401032	Screw						
8	136666001	Lower knife						
9	136667001	Upper knife						
10	136668001	Screw						
11	136816001	Eccentric stud						
12	021020106	Nut						
13	136671001	Screw						
14	136672000	Felt						
15	136673001	Spring						
16	014300822	Screw						
17	021300306	Nut						
18	136674009	Bracket case						
19	136675001	Thumb screw						
20	136677001	Side cutter presser foot assembly						
21	180109001	Screw driver S						
22	125582001	Seam ripper						
23	122992001	Cleaning bursh						
24	138201001	Feed adjusting screw driver						
25	129140000	Pincette						
26	131460001	Needle set						



(12) SEWING MACHINE COVER

Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name	Ref. No	Parts No.	Parts Name
1	137670001	Sewing machine cover assembly						
2	138022001	Sewing machine cover						
3	138023001	Felt						
4	129074000	Felt						
5	138026001	Round plate						
6	138593001	Medallion						
7		Controller complete						

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