

Parts Catalogue For Computerized Sewing Machine

MODELS

ZZ3-B835 (ACE I · BL9500 · LOGICA DUE)

B826 (PC5000)

B825 (ACE II · 6000 · LOGICA TRE)

B824 (PC4000)

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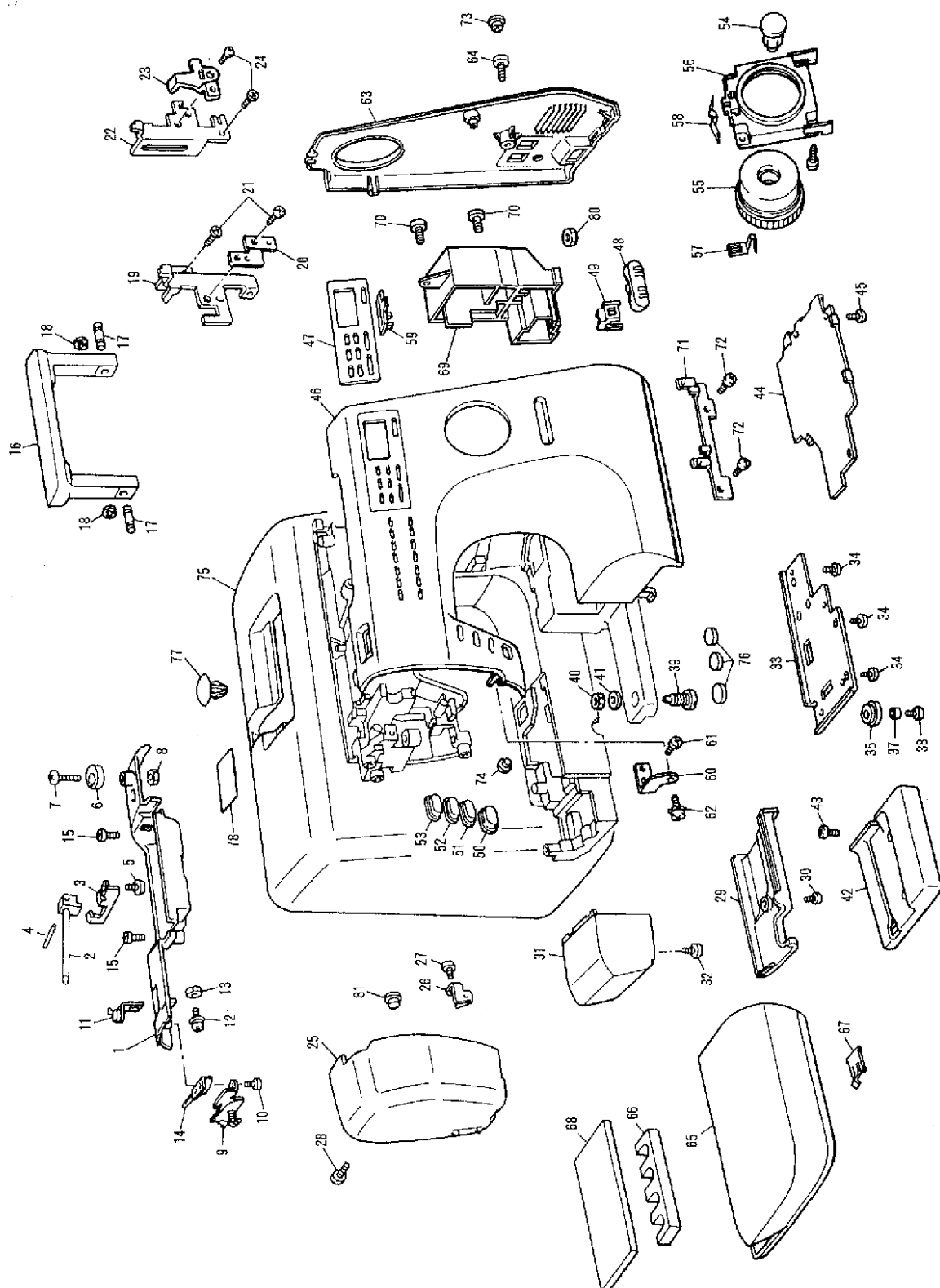
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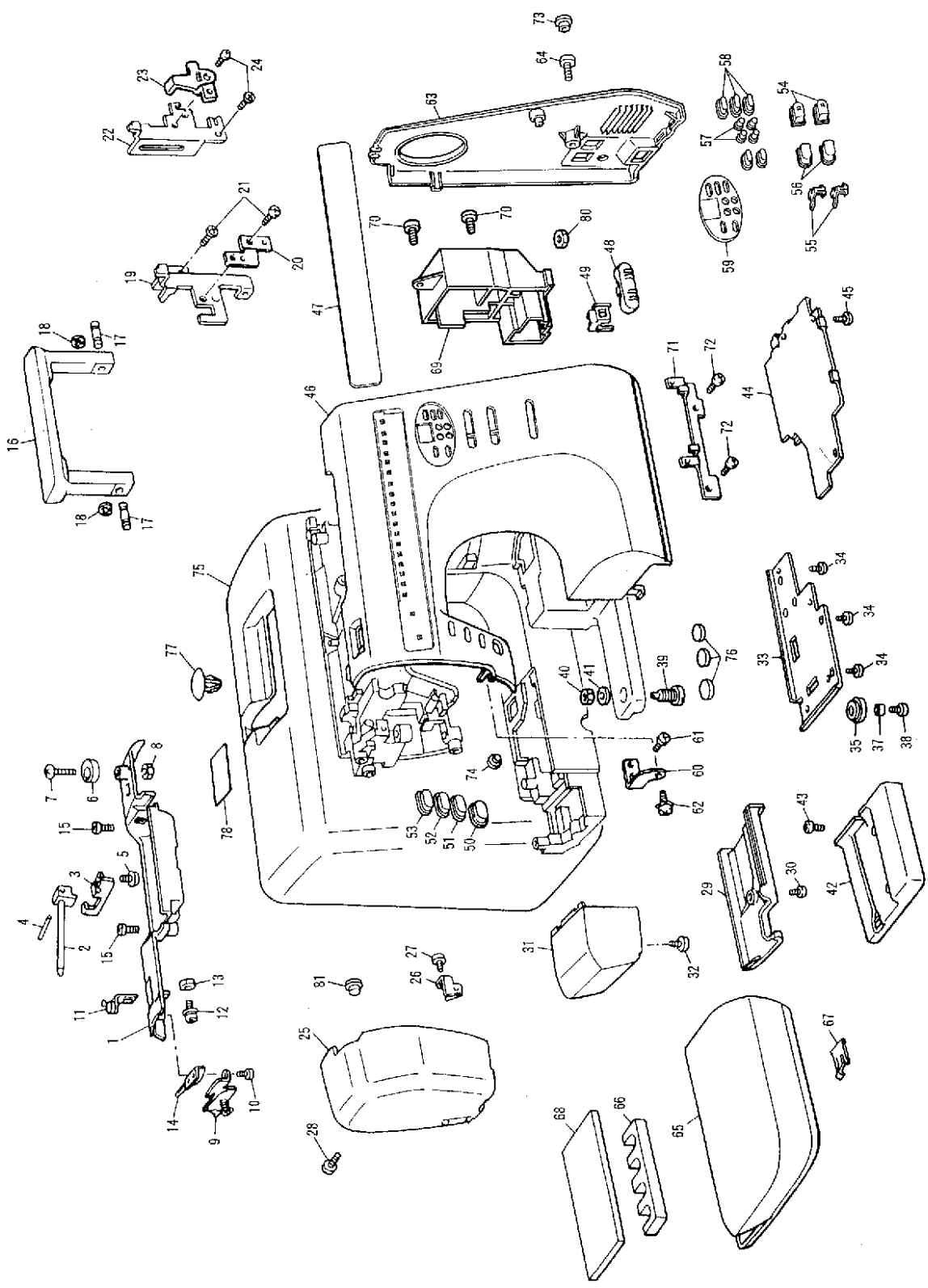
(1) PRINCIPAL PARTS AND DISPLAY <B835>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58517051	Top cover	33	X59772051	Base plate setter	56	X57617001	Dial holder
2	X51456051	Spool pin	34	060501016	Screw M5 × 10	57	X57618050	Sensing switch
3	X51457050	Spool pin set plate	35	X55942100	Rubber cushion	58	X57619050	Notched spring
4	X50437051	Pin	37	X56474051	Spacer	59	X57620051	Contrast key
5	138433051	Screw 3 × 6	38	060400616	Screw 4 × 6	60	X57622051	Front cover set plate
6	X54338051	Bobbin presser	39	X55943051	Adjusting screw M4	61	060300616	Screw 3 × 6
7	062301216	Screw 3 × 12	40	X56960051	Nut 4	62	U12017051	Screw 3 × 6
8	021300106	Nut 3	41	025680133	Washer 4.37	63	X58563051	Belt cover
9	X57601101	Thread guide holder assembly	42	X55994001	Base plate	64	060400616	Screw 4 × 6
10	138433051	Screw 3 × 6	43	060400616	Screw M4 × 6	65	X55955001	Accessory table assembly
11	X53252051	Bobbin winder thread guide assembly	44	X59773050	Base cover	66	X53619001	Bobbin holder
12	052300606	Screw 3 × 6	45	060400616	Screw 4 × 6	67	138644051	Accessory table notched spring
13	021300106	Nut 3	46	X57610052	Front cover for Baby Lock	68	X51434050	Sponge
14	X56902051	Thread guide cover	47	X57610053	Front cover for Brother	69	X58056000	Switch cover
15	060400616	Screw 4 × 6		X57610054	Front cover for Necchi	70	060400616	Screw 4 × 6
16	X57607051	Carrying handle		X58519051	For	71	X58063050	Set plate D
17	X55933051	Carrying handle shaft		X59466051	For Baby Lock	72	060400616	Screw 4 × 6
18	048040346	Stop ring E4		X59448051	For FRANCE	73	X50442051	Screw cover
19	X59770051	Handle holder L		X59447051	For GERMANY	74	X52215002	Arm cap
20	X57755051	Set plate		X59446051	For DENMARK	75	X57625051	Case assembly
21	060400816	Screw 4 × 8		X59450051	For SPAIN	76	130157051	Rubber cushion
22	X59771051	Handle holder R		X59674051	For ITALY	77	X57760001	Anchor clip
23	X58501050	Set plate U		X59456051	For FINLAND	78	X56711051	Name plate for Brother
24	060400816	Screw 4 × 8	48	X57612051	S key top		X51787053	Name plate for Baby Lock
25	X57609051	Face plate	49	X57613050	Connecting block		XA1353051	Name plate for Necchi
26	X56450051	Thread cutter assembly	50	X57614051	SS button (Arrow)	80	021400306	Nut 4
27	138433051	Screw 3 × 6		X58939051	SS button (Start/Stop)	81	X51895051	Face plate bushing
28	X56550051	Face plate set screw	51	X55950051	Reverse sewing button			
29	X58518101	Bed cover	52	X53951051	NP button			
30	060400816	Screw 4 × 8	53	X57621051	Thread cutting button			
31	X55940001	Free arm cover	54	X57615002	Key			
32	060400616	Screw 4 × 6	55	X57616001	Selecting dial			



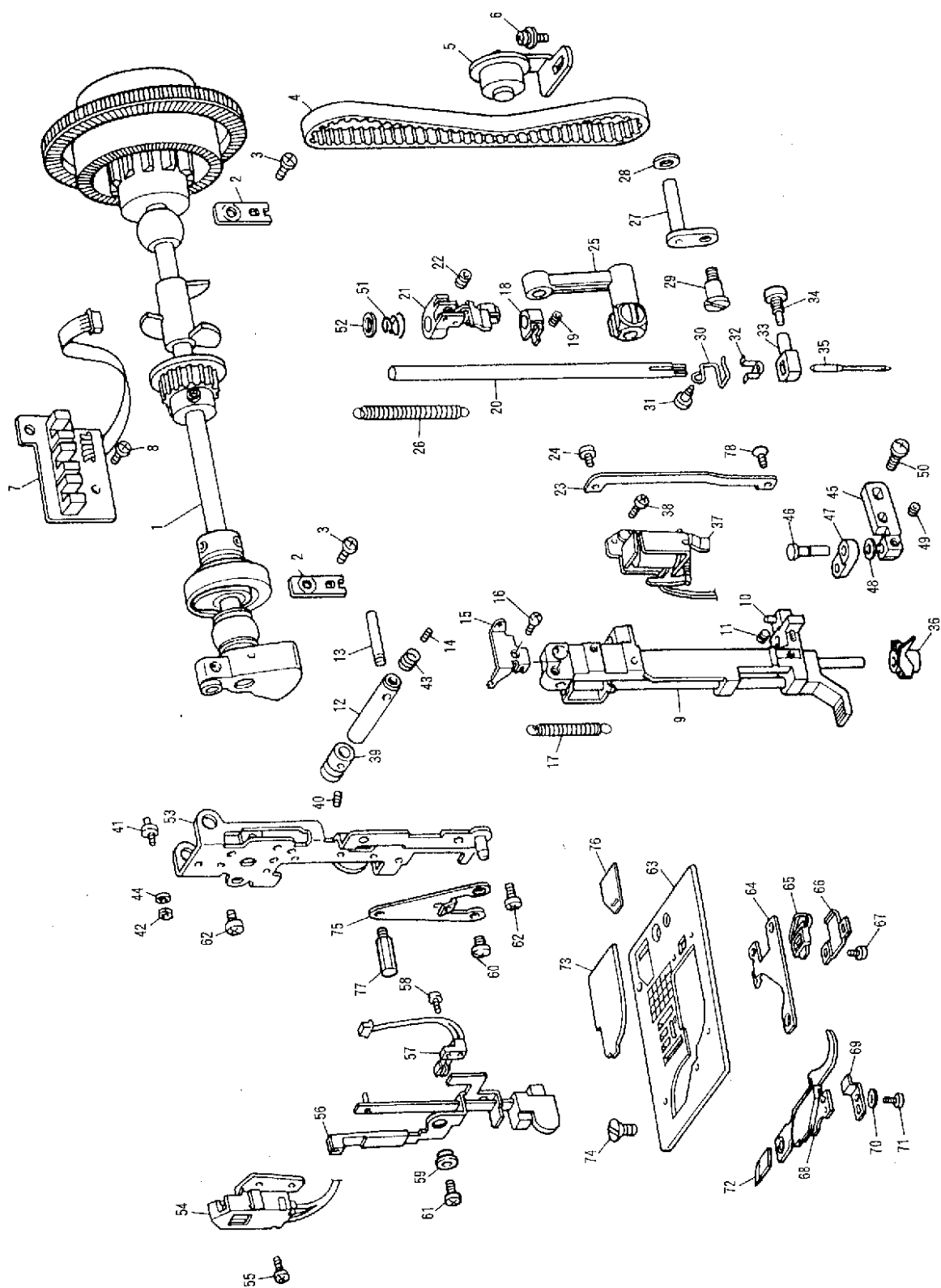
(1) PRINCIPAL PARTS AND DISPLAY <B826>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58517051	Top cover	33	X59772051	Base plate setter	67	138644051	Accessory table notched spring
2	X51456051	Spool pin	34	060501016	Screw M5 × 10	68	X51434050	Sponge
3	X51457050	Spool pin set plate	35	X55942100	Rubber cushion	69	X58056000	Switch cover
4	X50437051	Pin	37	X56474051	Spacer	70	060400616	Screw 4 × 6
5	138433051	Screw 3 × 6	38	060400616	Screw 4 × 6	71	X58063050	Set plate D
6	X54333051	Bobbin presser	39	X55943051	Adjusting screw M4	72	060400616	Screw 4 × 6
7	062301216	Bobbin 3 × 12	40	X56960051	Nut 4	73	X50442051	Screw cover
8	021300106	Nut 3	41	025680133	Washer 4.37	74	X52215052	Arm cap
9	X57601101	Thread guide holder assembly	42	X55994001	Base plate	75	X57625051	Case assembly
10	138433051	Screw 3 × 6	43	060400616	Screw M4 × 6	76	130157051	Rubber cushion
11	X53252051	Bobbin winder thread guide assembly	44	X59773050	Base cover	77	X57760001	Anchor clip
12	052300606	Screw 3 × 6	45	060400616	Screw 4 × 6	78	X56711051	Name plate
13	021300106	Nut 3	46	X57799051	Front cover	80	021400306	Nut 4
14	X56902051	Thread guide cover	47	X58844051	Indication plate	81	X51895051	Face plate bushing
15	060400616	Screw 4 × 6	48	X57612051	S key top			
16	X57607051	Carrying handle	49	X57613050	Connecting block			
17	X55933051	Carrying handle shaft	50	X57614051	SS button (Arrow)			
18	048040346	Stop ring E4	51	X58939051	SS button (Start/Stop)			
19	X59770051	Handle holder L	52	X55950051	Reverse sewing button			
20	X57755051	Set plate	53	X55951051	NP button			
21	060400816	Screw 4 × 8	54	X57621051	Thread cutting button			
22	X59771051	Handle holder R	55	X57767051	Manual key top			
23	X58501050	Set plate U	56	X57768050	Connecting block			
24	060400816	Screw 4 × 8	57	X57766051	Manual button			
25	X57609051	Face plate	58	X58531051	Shift key			
26	X56450051	Thread cutter assembly	59	X58532051	Select key			
27	138433051	Screw 3 × 6	60	X58568051	Select panel			
28	X56550051	Face plate set screw	61	X57622051	Front cover set plate			
29	X58518101	Bed cover	62	060300616	Screw 3 × 6			
30	060400816	Screw 4 × 8	63	U12017051	Screw 3 × 6			
31	X55940001	Free arm cover	64	X58563051	Belt cover			
32	060400616	Screw 4 × 6	65	060400616	Screw 4 × 6			
			66	X55955001	Accessory table assembly			
				X53619001	Bobbin holder			



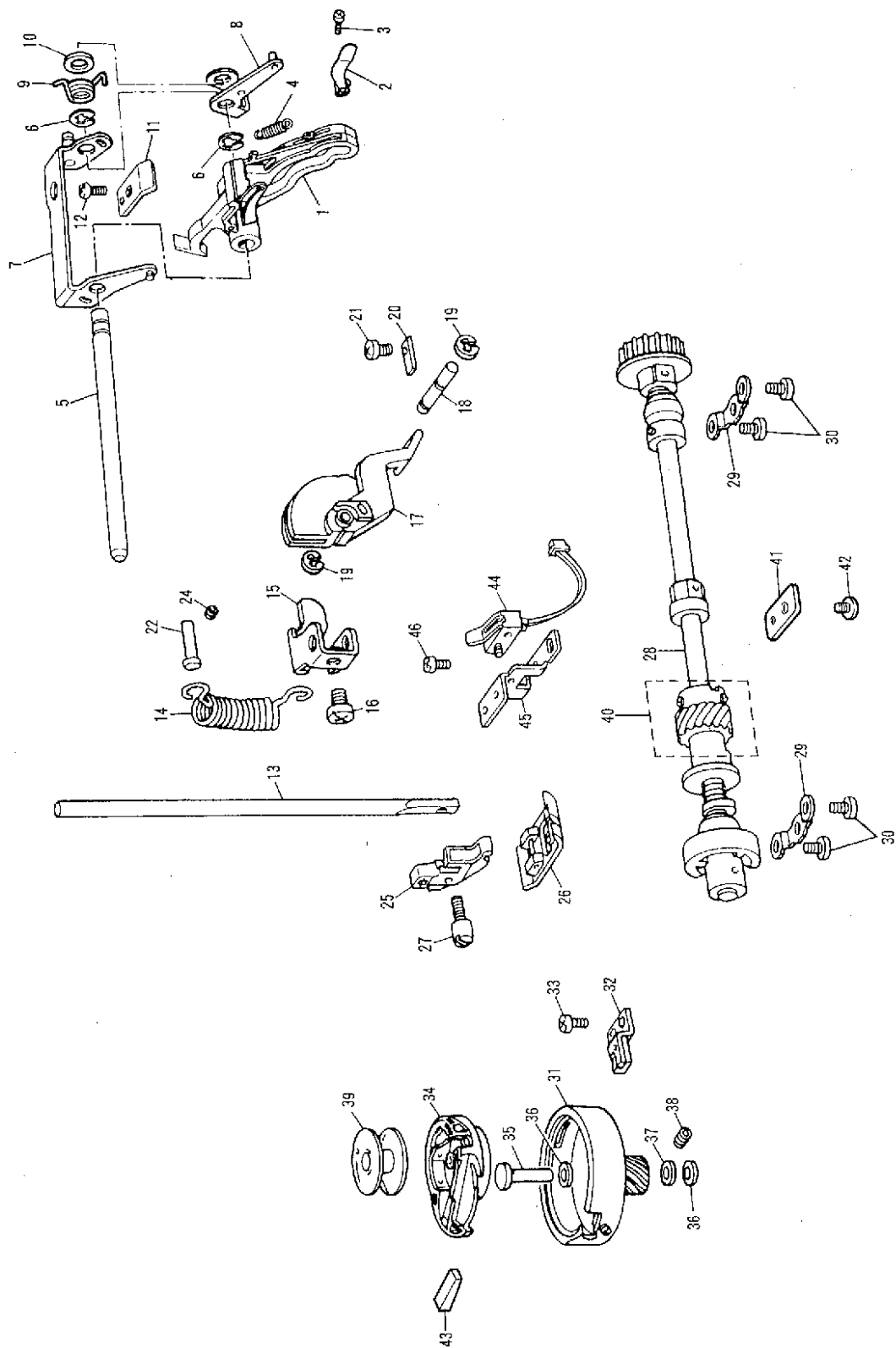
(2) UPPER SHAFT AND NEEDLE BAR <B835·B826>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X57628251	Upper shaft assembly	29	X50483051	Screw 4.37	58	062020416	Screw 2 × 4
2	X52478051	Presser plate A	30	X50109100	Needle bar thread guide	59	132467051	Collar
3	060400816	Screw 4 × 8	31	X53053052	Screw 2.38	60	060400416	Screw M4 × 4
4	X55969000	Timing belt 166 XL031	32	125161000	Needle guide plate	61	060300616	Screw 3 × 6
5	X53187051	Belt adjusting pulley assembly	33	X57282051	Needle clamp assembly	62	060400616	Screw M4 × 6
6	0A4400806	Screw 4 × 8 DA	34	131226051	Needle clamp screw 3.57	63	X57753051	Needle plate
7	XA0595051	NP board assembly	35	117914114	Needle HA × 130	64	X56025151	Inner rotary hook presser
8	060400616	Screw M4 × 6	36	X54971001	Threader hook assembly	65	X56026051	Slide button
9	X57635051	Needle bar supporter assembly	37	X57644051	HR solenoid holder assembly	66	X56027051	Slide button supporter
10	X51920051	Pin 2.5 × 9.8	38	060300616	Screw 3 × 6	67	060260316	Screw 26 × 3
11	014300332	Screw 3 × 3	39	X56468051	Collar	68	X57815051	Thread cutter cover assembly
12	X56466051	Needle bar supporter stud A	40	014400432	Screw 4 × 4	69	X56029051	Needle plate cover spring
13	X56551050	Needle bar supporter stud C	41	X56469051	Eccentric screw	70	137977050	Washer
14	014400432	Screw 4 × 4	42	X56960051	Nut 4	71	060260316	Screw 26 × 3
15	X57643051	Set plate	43	X55980051	Spring	72	X56033051	Lower thread cutter
16	060300616	Screw 3 × 6	44	110735001	Washer	73	X56828151	Needle plate cover
17	X50476051	Spring	45	X57646050	Needle bar supporter stud holder	74	X50487051	Screw M4
18	X55983050	Needle threader position setter	46	X57647051	Needle bar supporter stud	75	X57655151	Sew-light holder
19	012400432	Screw 4 × 4	47	X56464001	Needle bar supporter arm	76	X56458051	Slide plate
20	X55981051	Needle bar	48	137977050	Washer	77	X57764051	Stud bolt
21	X55984001	Needle bar block assembly	49	014400432	Screw 4 × 4	78	061300516	Screw M3 × 5
22	012400432	Screw 4 × 4	50	060401016	Screw 4 × 10			
23	X55990050	Needle bar guide	51	X57822101	Spring			
24	060300416	Screw 3 × 4	52	X58511100	Washer			
25	X57745051	Needle bar crank rod assembly	53	X57648051	Face plate supporting plate assembly			
26	X58237051	Spring	54	X57650001	BH switch plate assembly #10			
27	X56824151	Needle bar crank	55	060300416	Screw 3 × 4			
28	X51163051	Washer 6	56	X57651051	BH switch lever assembly			
			57	X57750051	BH change switch assembly			



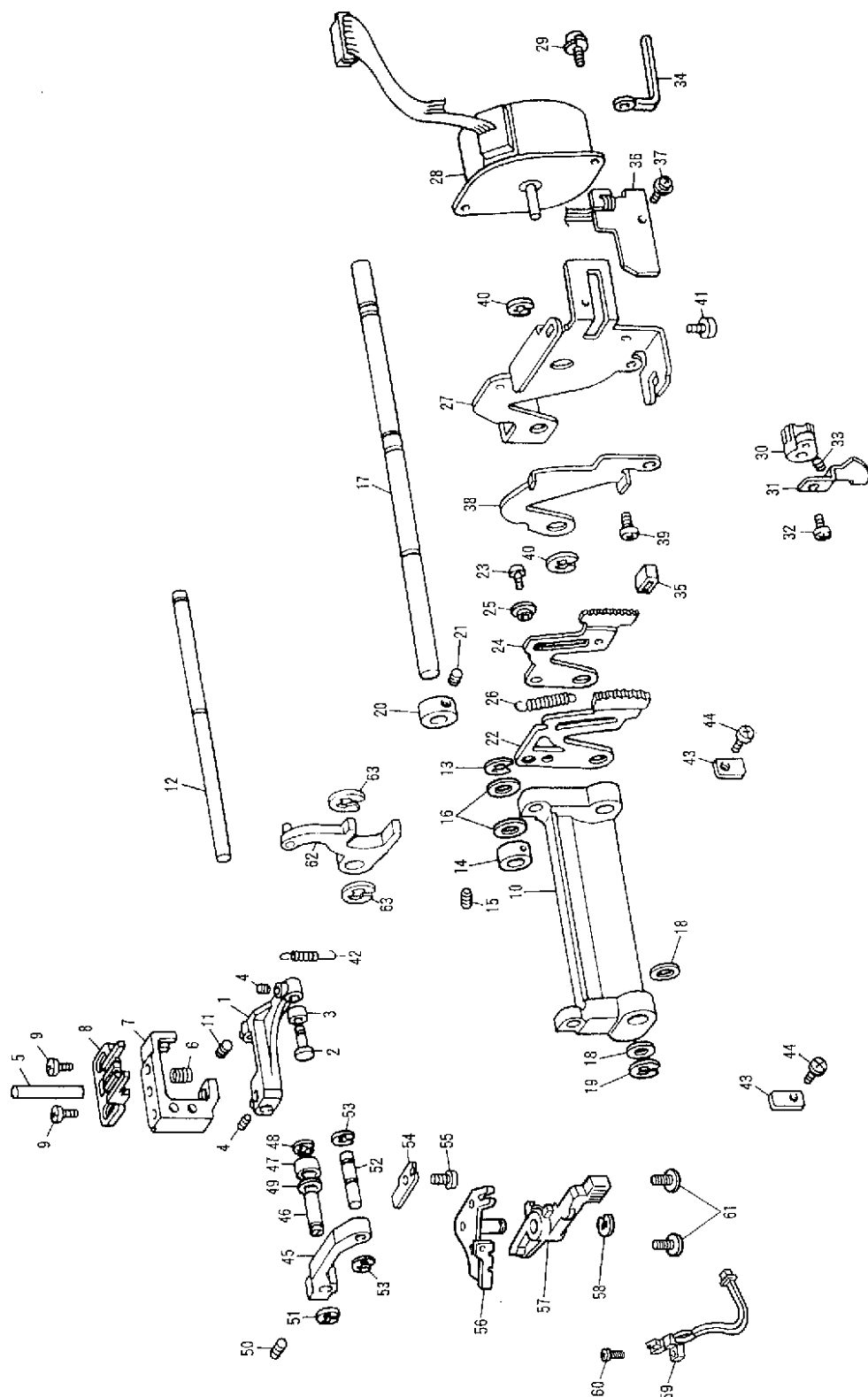
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(3) BALANCE, RETAINER, ROTARY HOOK DRIVE AND ROTARY HOOK

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X57656001	Thread take-up assembly	33	060400616	Screw M4 × 6			
2	X57659100	Thread presser plate	34	X56162251	Inner rotary hook assembly			
3	008020316	Screw 2 × 3			Outer rotary hook shaft			
4	X51935051	Spring	35	137804151	Spacer			
5	X57660051	Thread take-up levers stud	36	137805051	Washer 6			
6	048050346	Stop ring E5	37	137976081	Screw 4 × 6			
7	X57661051	Link A assembly	38	014400632	Bobbin			
8	X57663051	Link B assembly	39	136492151	Lower shaft gear assembly			
9	X57666151	Spring	40	X52752001	Lower shaft supporting plate			
10	X59453050	Washer	41	X50749001	Screw 4 × 8			
11	X51879151	Presser plate	42	060400816	Pile 14 × 6.3			
12	062400816	Screw 4 × 8	43	X56971001	SC switch holder			
13	136551051	Presser bar	44	X56067050	SC switch assembly			
14	132449051	Presser bar spring	45	XA0605051	Screw 4 × 6			
15	X59776051	Presser bar guide bracket	46	060400616				
16	X59777051	Screw						
17	X56051051	Presser foot lifter						
18	X56052051	Stud for presser foot lifter						
19	048040346	Stop ring E4						
20	X50532051	Presser plate						
21	060400616	Screw M4 × 6						
22	X59778051	Presser bar spring stud						
24	014400432	Screw 4 × 4						
25	129855001	Presser holder assembly						
26	137748101	Zigzag presser foot						
27	132730151	Screw 3.57						
28	X58955051	Lower shaft assembly						
29	X54780151	Bushing presser						
30	060400816	Screw 4 × 8						
31	X52487051	Outer rotary hook assembly						
32	X53553101	Inner rotary hook bracket assembly						



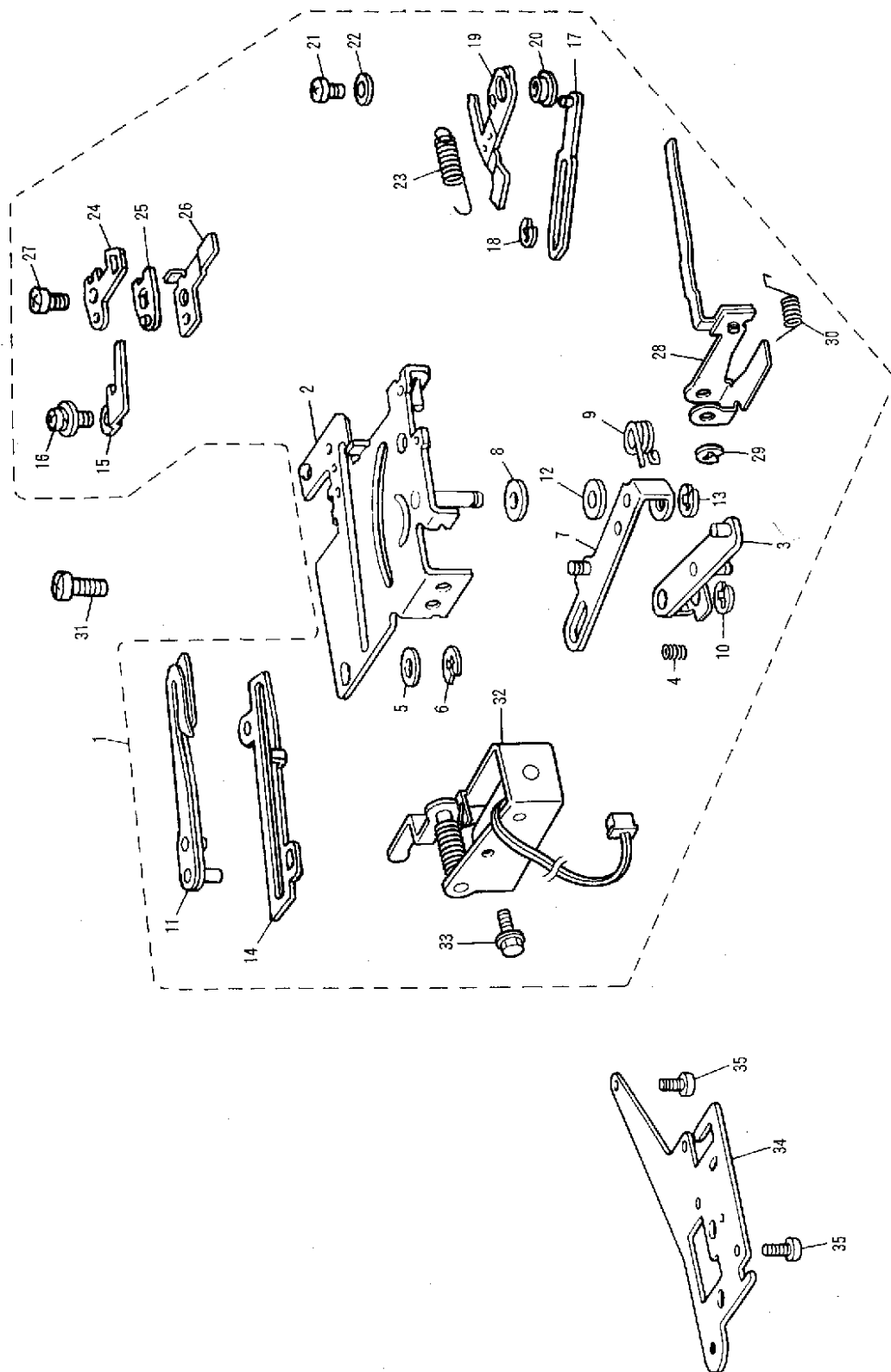
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(4) FEED UNIT MECHANISM AND VERTICAL FEED MECHANISM

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X56055050	Horizontal feed arm, A	35	837738001	Stopper			
2	X56056051	Stud shaft	36	XA0597051	Sensor board assembly			
3	137760050	Vertical feed roller	37	052300606	Screw 3 × 6			
4	014400432	Screw 4 × 4	38	X56086050	F gear stopper			
5	137762051	Feed bar guide shaft	39	060400416	Screw M4 × 4			
6	137763051	Spring	40	048060346	Stop ring E6			
7	137764050	Feed bar	41	060400816	Screw 4 × 8			
8	X57741001	Feed dog	42	X56057051	Spring			
9	X53017051	Screw 3.18	43	X50532051	Presser plate			
10	X57668150	Horizontal feed arm, B	44	060400816	Screw 4 × 8			
11	014400432	Screw 4 × 4	45	X56071050	Vertical feed arm			
12	X56060151	Horizontal feed arm shaft	46	137935051	Roller shaft			
13	048040346	Stop ring E4	47	137760050	Roller			
14	137842151	Collar	48	048030346	Stop ring E3			
15	014400432	Screw 4 × 4	49	137999050	Washer			
16	X59376050	Washer	50	014400632	Screw 4 × 6			
17	X56061151	Horizontal feed shaft	51	048040346	Stop ring E4			
18	X51383050	Washer	52	X56072151	Vertical feed arm shaft			
19	048060346	Stop ring E6	53	048030346	Stop ring E3			
20	137768151	Collar	54	X56073051	Stop plate			
21	014400432	Screw 4 × 4	55	060400816	Screw 4 × 8			
22	X56062051	F gear	56	X58523051	Drop holder assembly			
23	060300806	Screw 3 × 8	57	X58525051	Drop lever			
24	X56064051	F-S gear	58	048040346	Stop ring E4			
25	X56129151	Collar	59	X58526051	Drop switch assembly			
26	X56065051	Spring	60	062260516	Screw 2.6 × 5			
27	X56079051	Feed pulse motor holder	61	060400616	Screw 4 × 6			
28	Z25790081	Feed pulse motor	62	137775001	Side cutter lever arm assembly			
29	052400805	Screw 4 × 8						
30	X56081051	Feed pulse motor gear	63	048060346	Stop ring E6			
31	X56082050	F shutter						
32	060300416	Screw 3 × 4						
33	014400432	Screw 4 × 4						
34	XA0286051	Wire clip						



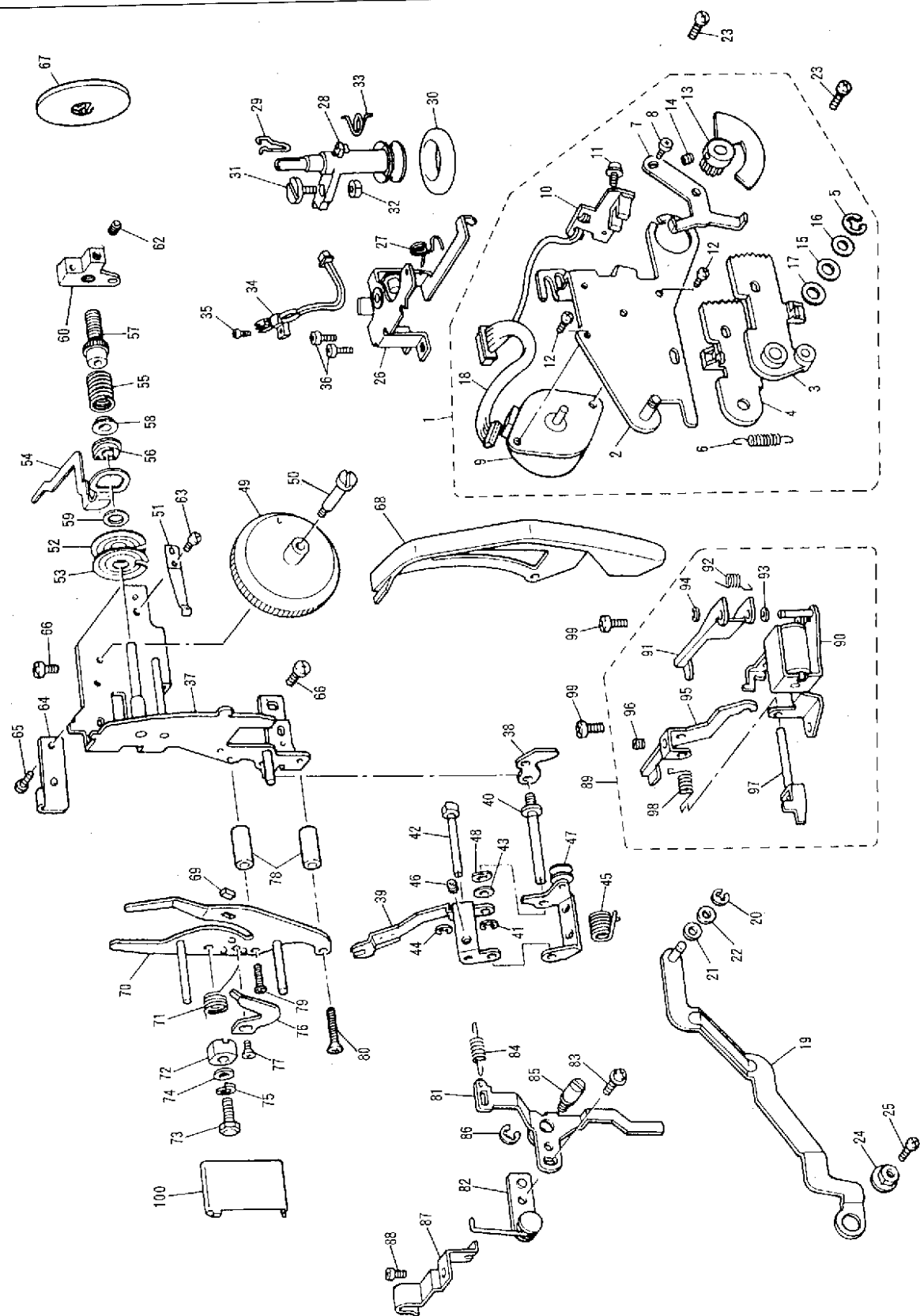
(5) THREAD CUTTING MECHANISM <B835-B826>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58863051	Thread cutting, complete	30	X58877051	Spring			
2	X58864051	Thread cutting frame assembly	31	060400616	Screw 4 × 6			
3	X58867051	Thread cutting lever assembly	32	X58878051	Thread cutting solenoid assembly			
4	X58869051	Spring	33	060300516	Screw M3 × 5			
5	137713050	Washer	34	X57671051	Thread cutting base plate			
6	048040346	Stop ring E4	35	060400816	Screw M4 × 8			
7	X58870051	Thread cutting lever assembly						
8	025710232	Washer 4.76						
9	X58872051	Spring						
10	048040346	Stop ring E4						
11	X56117151	Movable blade assembly						
12	025710132	Washer 4.76						
13	048040346	Stop ring E4						
14	X56412151	Thread cutter spacer						
15	X59790050	Thread cutter presser plate						
16	575039053	Screw 3 × 5 DA						
17	X56123051	Bobbin presser lever assembly						
18	048030346	Stop ring E3						
19	X56126151	Bobbin presser assembly						
20	X56129151	Collar						
21	060300516	Screw M3 × 5						
22	026030236	Washer						
23	X58873051	Spring						
24	X56133001	Fixed blade						
25	X56134051	Spacer						
26	X56544051	Inner rotary hook presser						
27	060300616	Screw M3 × 6						
28	X58874051	Lower thread guide plate assembly						
29	048030346	Stop ring E3						



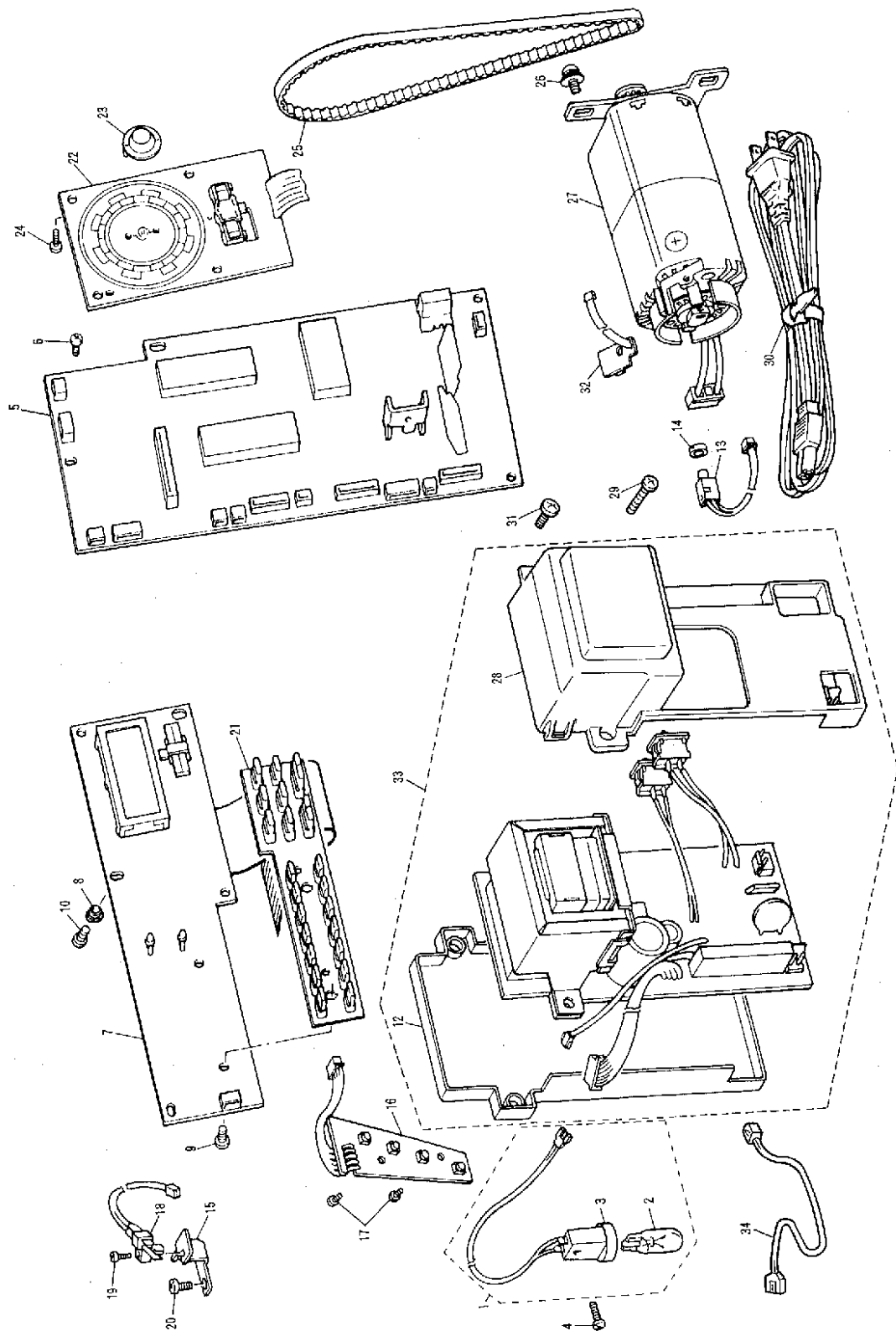
(6) ZIGZAG MECHANISM, BOBBIN WINDER MECHANISM AND THREAD GUIDE <B835·B826>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X57744051	Zigzag pulse motor assembly	33	X52102051	Spring	67	X55260052	Spool presser C
2	X56180051	Zigzag pulse motor holder assembly	34	X56202051	Bobbin winder switch assembly	68	X57687051	Thread guard cover
3	X59780050	Zigzag gear A	35	062260516	Screw 2.6 × 5	69	X52905000	Spring stopper
4	X59781050	Zigzag gear B	36	060400616	Screw M4 × 6	70	X80401101	Spring holder assembly
5	048040346	Stop ring E4	37	X57675051	Thread guard plate assembly	71	X57690051	Thread take-up spring
6	X56185051	Spring	38	X52108001	Thread guide	72	X57692051	Thread take-up spring case
7	X59782051	Z gear stopper	39	X57679051	Lever assembly	73	017401015	Bolt 4 × 10
8	060300416	Screw 3 × 4	40	X56891051	Lever shaft	74	UD1901001	Washer
9	Z25460001	Zigzag pulse motor	41	048030346	Stop ring E3	75	028040243	Spring washer 2-4
10	XA0597051	Sensor board assembly	42	X52256051	Roller adjusting shaft	76	X57691051	Spring guide
11	052300606	Screw 3 × 6	43	025040133	Washer 4	77	061300416	Screw M3 × 4
12	060300416	Screw 3 × 6	44	048020346	Stop ring E2	78	X58894051	Spacer 4 × 11.5
13	X58064051	ZPM gear assembly	45	X57682051	Spring	79	060301616	Screw 3 × 16
14	014300332	Screw 3 × 3	46	014400432	Screw 4 × 4	80	061301616	Screw 3 × 16
15	X56731050	Washer	47	X57683051	Roller plate assembly	81	X57694051	Thread tension release plate A
16	025050135	Washer 5	48	117851051	Washer	82	X57695051	Accessory plate assembly
17	X53027050	Washer	49	X56896252	Thread tension dial	83	052300606	Screw 3 × 6
18	X57747051	ZPM lead wire assembly	50	X52120051	Thread tension dial shaft	84	X56130051	Bobbin presser spring
19	X56193051	Zigzag connecting rod assembly	51	X57001051	Notched spring	85	X57699051	Stud screw M4 × 4
20	048030346	Stop ring E3	52	129376051	Thread tension disc	86	048040346	Stop ring E4
21	117851051	Washer	53	108263051	Thread tension disc	87	X57748050	Wire guide
22	025040135	Washer	54	X57685051	Thread tension release plate B	88	062400816	Screw 4 × 8
23	060400616	Screw M4 × 6	55	X50701051	Spring	89	X57700051	Roller releasing unit
24	X50559050	Zigzag adjusting nut	56	137881051	Spring seat	90	X57751051	Solenoid holder assembly
25	062301006	Screw 3 × 10	57	X50765251	Tension adjusting screw	91	X57705051	Releasing plate A
26	X80400051	Bobbin winder base plate assembly	58	X50702050	Spring seat	92	X57706051	Spring
27	137992051	Spring	59	109763053	Washer	93	026030235	Washer 3
28	X58925051	Bobbin winder assembly	60	X57127051	Thread tension nut	94	048020346	Stop ring E2
29	125928050	Spring	62	014400432	Screw 4 × 4	95	X57707051	Releasing plate B
30	120448051	Bobbin winder rubber ring	63	062300416	Screw M3 × 4	96	014400632	Screw 4 × 6
31	120263051	Stud screw 4.37	64	X57686051	Thread guide	97	X57708051	Releasing plate C assembly
32	102571056	Nut 4.37	65	060300816	Screw M3 × 8	98	X57711051	Spring
			66	060400616	Screw M4 × 6	99	060400616	Screw M4 × 6
						100	X57759000	Guard plate



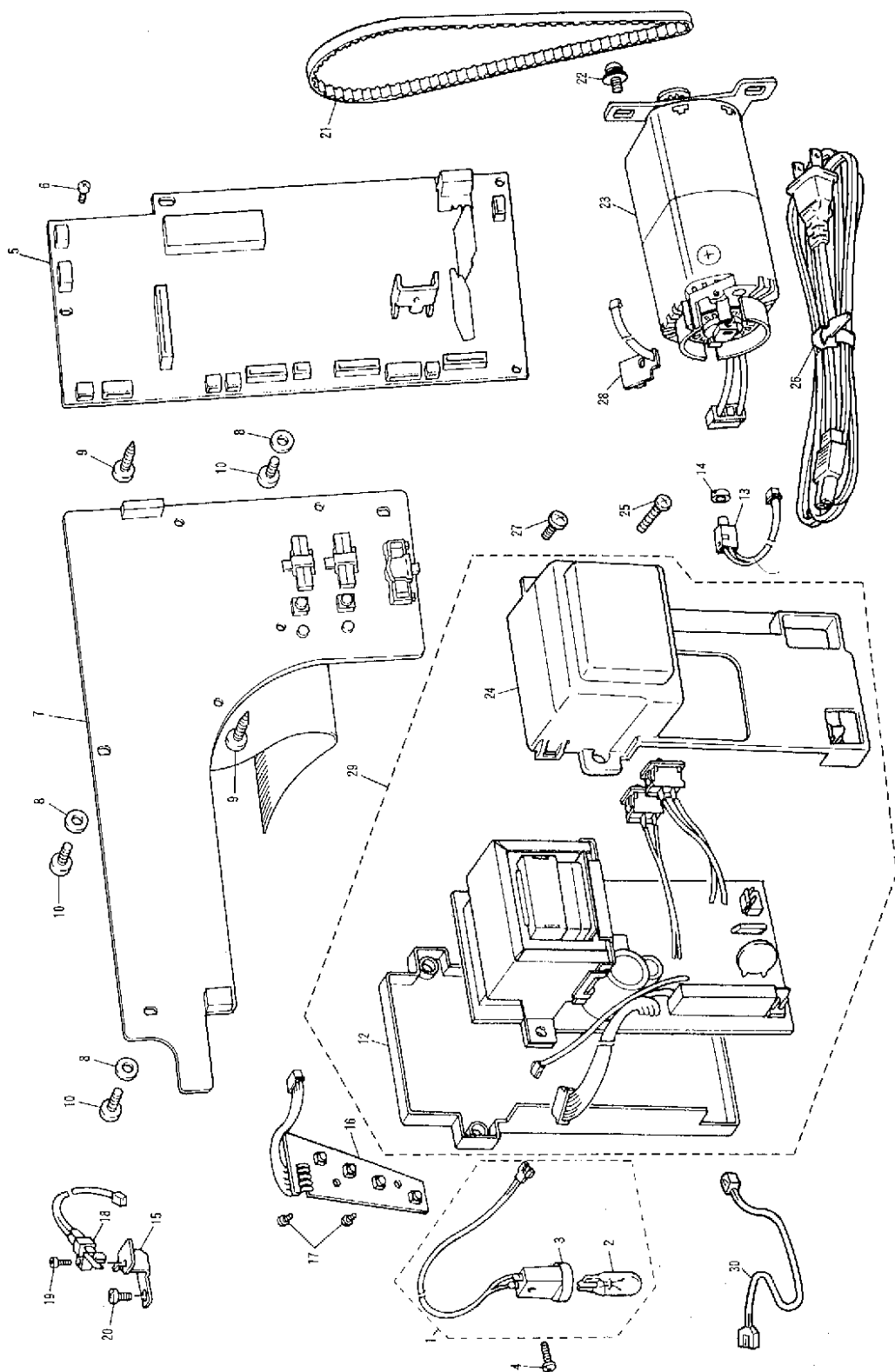
(7) LAMP, ELECTRONIC PARTS, MOTOR AND POWER SUPPLY <B835>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X56233051	Sew-light assembly #4	30	X59503051	Power supply cord for USA, Canada			
2	X50228051	Sew-light bulb		XA0070051	Power supply cord for Europe (220V area)			
3	X56234051	Socket assembly		X59328051	Power supply cord for Australia			
4	002261205	Screw 2.6 × 12						
5	XA0227051	Main PC board assembly 835 #2						
6	052300606	Screw 3 × 6		X59354051	Power supply cord for UK			
7	X57723001	Control board assembly	31	060400816	Screw 4 × 8			
8	X57730050	Spacer	32	J01273001	Motor PC board assembly MM-381S #2			
9	136681051	Screw 3 × 8						
10	X59629051	Screw 3 × 10	33	XA0233051	Power supply unit assembly for 120V			
12	X56306001	Power supply unit case		XA0241051	Power supply unit assembly for 220V			
13	X56281001	Pin jack assembly		XA0245051	Power supply unit assembly for 230V			
	X59525051	Pin jack assembly #2 for Europe			Power supply unit assembly for 240V			
14	X51271001	Jack nut	34		Thread cutting lead wire assembly			
15	X57739050	Presser SW holder						
16	XA0599051	SS PC board assembly						
17	136681051	Screw 3 × 8						
18	X57715051	Presser switch assembly						
19	062260516	Screw 2.6 × 5						
20	060400616	Screw M4 × 6						
21	X57735002	Rubber key K3						
22	X57736001	Dial PC board assembly						
23	UB0064001	Contact rubber						
24	X59629051	Screw 3 × 10						
25	X56307001	Timing belt B160 XXL6.4						
26	537235051	Screw 5 × 12 DB						
27	J01594051	Motor MM-381-52 (220V-240V)						
		Motor MM-381-22 (120V)						
28	J01593051	Power supply unit cover						
29	X57825001	Screw 4 × 20						
	060402016							



(7) LAMP, ELECTRONIC PARTS, MOTOR AND POWER SUPPLY <B826>

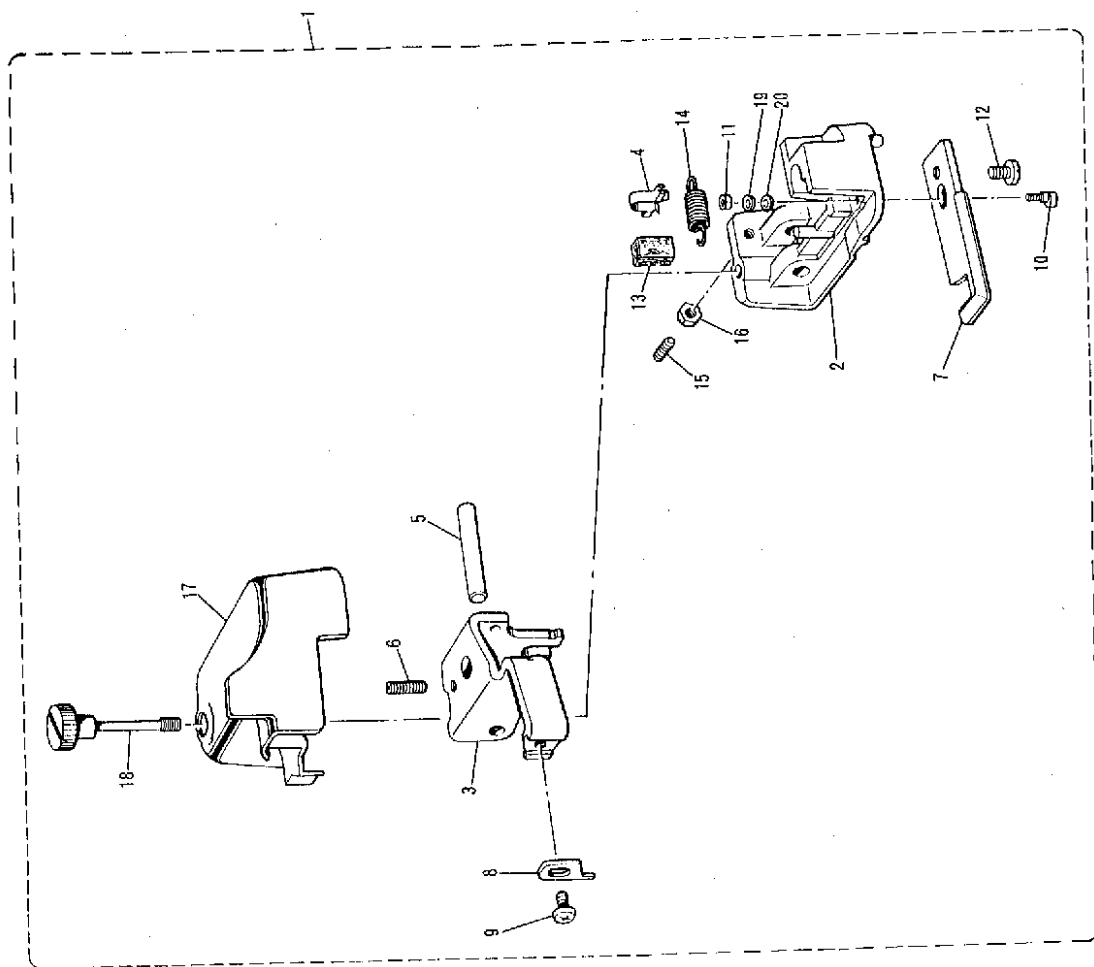
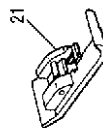
Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X56233051	Sew-light assembly #4	26	X59328051	Power supply cord for Australia			
2	X50228051	Sew-light bulb						
3	X56234051	Socket assembly	27	X59354051	Power supply cord for UK			
4	002261205	Screw 2.6 × 12		060400816	Screw 4 × 8			
5	XA0224057	Main PC board assembly 826 #2	28	J01273001	Motor PC board assembly MM-381S #2			
6	052300606	Screw 3 × 6	29	XA0235051	Power supply unit assembly for 120V			
7	XA0217051	Control board assembly 826 #2		XA0241051	Power supply unit assembly for 220V			
8	X57730050	Spacer		XA0245051	Power supply unit assembly for 230V			
9	136681051	Screw 3 × 8			Power supply unit assembly for 240V			
10	X59629051	Screw 3 × 10		XA0248051	Thread cutting lead wire assembly			
12	X56306001	Power supply unit case						
13	X56281001	Pin jack assembly						
14	X51271001	Jack nut	30	X58997051				
15	X57739050	Presser SW holder						
16	XA0599051	SS PC board assembly						
17	136681051	Screw 3 × 8						
18	X57715051	Presser switch assembly						
19	062260516	Screw 2.6 × 5						
20	060400616	Screw M4 × 6						
21	X56307001	Timing belt B160 XXL6.4						
22	537235051	Screw 5 × 12 DB						
23	J01594051	Motor MM-381-52 (220V-240V)						
	J01593051	Motor MM-381-22 (120V)						
24	X57825001	Power supply unit cover						
25	060402016	Screw 4 × 20						
26	X59503051	Power supply cord for USA, Canada						
	XA0070051	Power supply cord for Europe (220V area)						



(8) SIDE CUTTER MECHANISM <B835·B826>

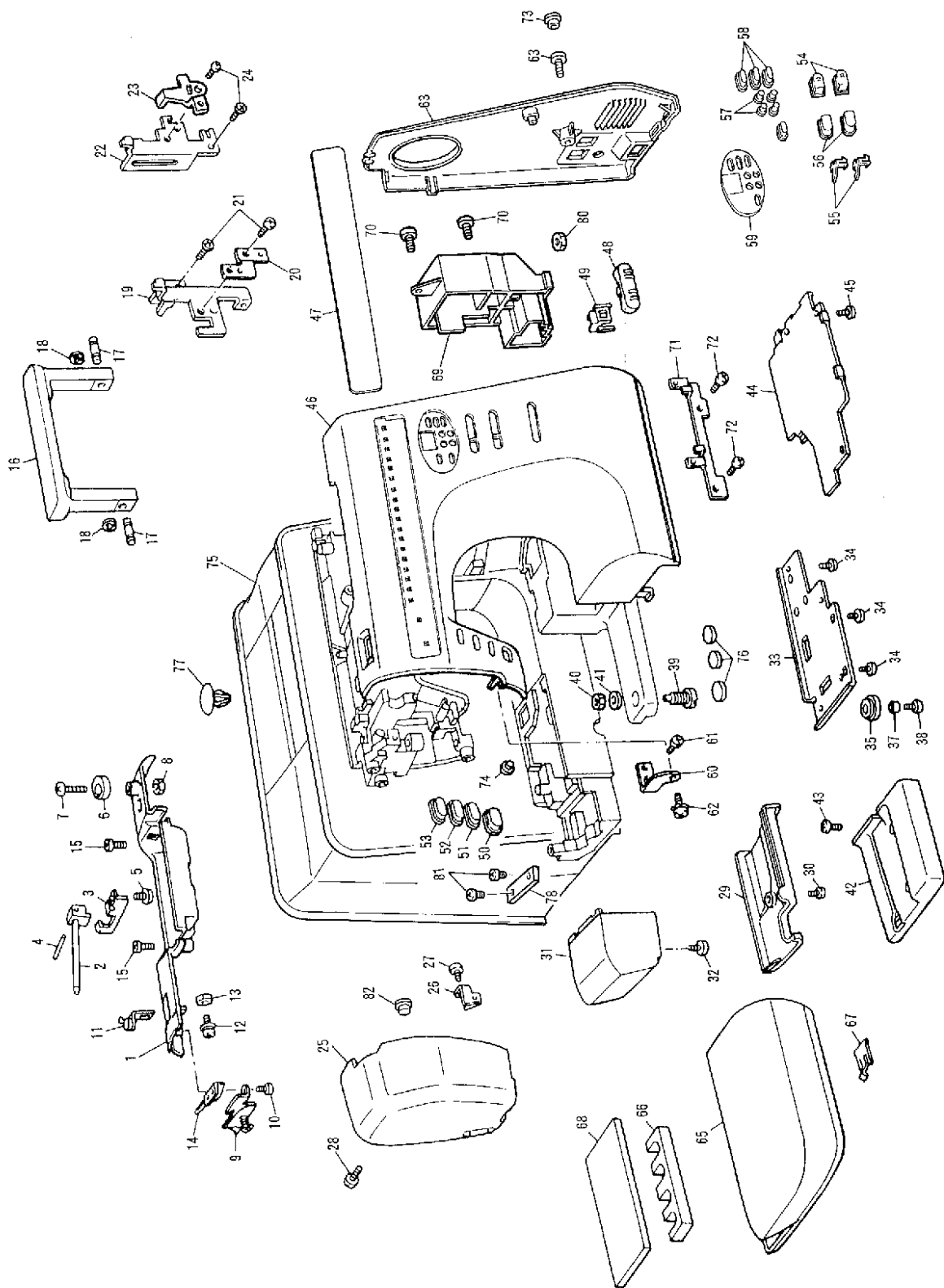
Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	137966018	Side cutter assembly						
2	136662000	Side bracket						
3	136663001	Side cutter arm						
4	136664001	SC arm						
5	136665001	Side cutter arm shaft						
6	014401032	Screw M4 × 10						
7	136666001	Lower blade						
8	X51799001	Upper blade						
9	136668001	Screw M3.5						
10	136816001	Lower blade eccentric stud						
11	021020106	Nut 2						
12	136671001	Screw M4 × 6						
13	136672000	Felt						
14	136673001	Spring						
15	014300832	Screw M3 × 8						
16	021300306	Nut 3						
17	136674025	Bracket case						
18	136675001	Thumb-screw						
19	028020243	Washer 2-2						
20	025630132	Washer 2.38						
21	136677001	Side cutter presser foot assembly						

★ Whether the side cutter is mounted as a standard, is available as an option, or is not available as an option will differ according to each country.



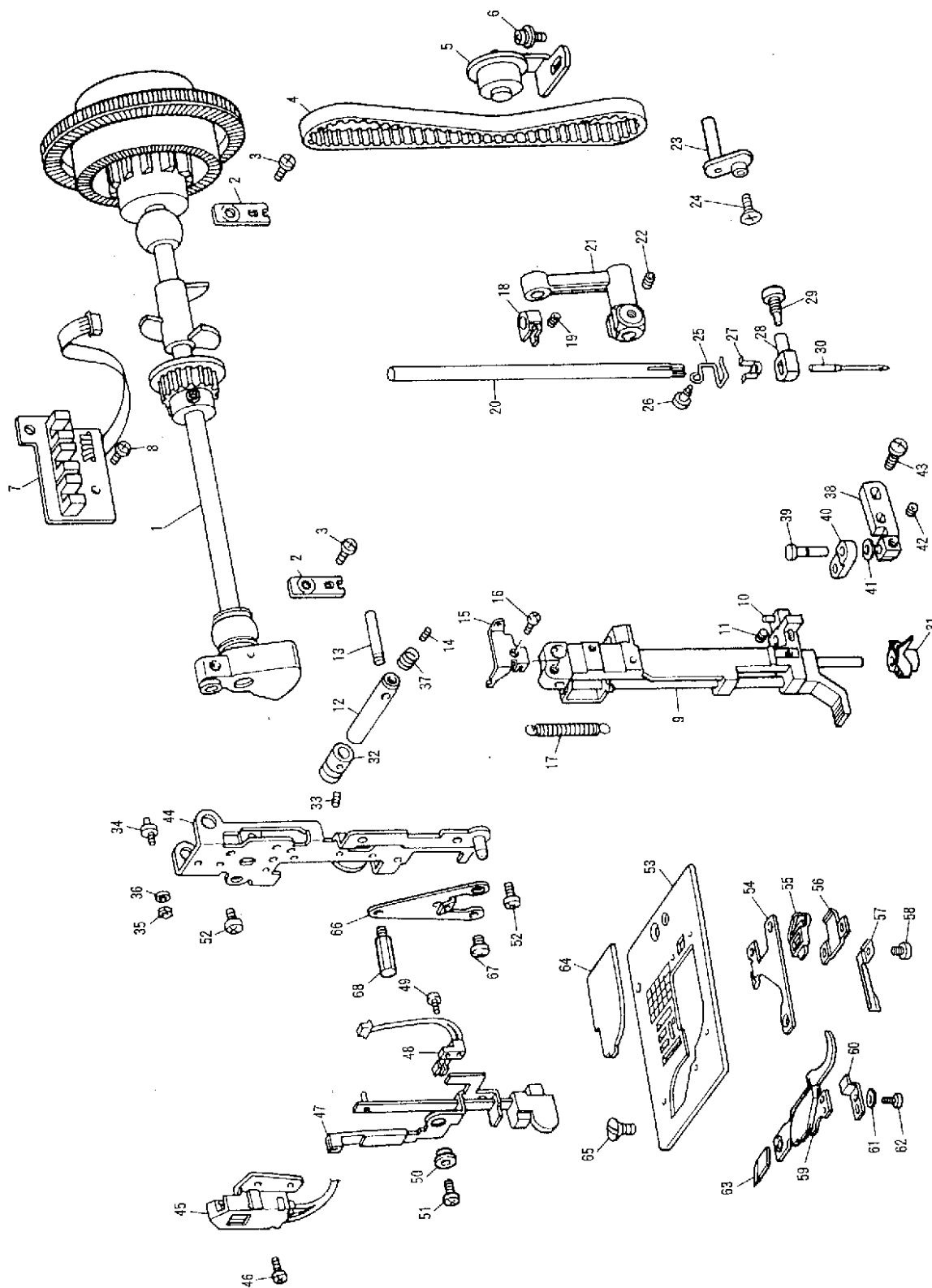
(1) PRINCIPAL PARTS AND DISPLAY <B825>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58517051	Top cover	33	X59772051	Base plate setter	66	X53619001	Bobbin holder
2	X51456051	Spool pin	34	060501016	Screw M5 × 10	67	138644051	Accessory table notched spring
3	X51457050	Spool pin set plate	35	X55942100	Rubber cushion	68	X51434050	Sponge
4	X50437051	Pin	37	X56474051	Spacer	69	X58056000	Switch cover
5	138433051	Screw 3 × 6	38	060400616	Screw M4 × 6	70	060400616	Screw M4 × 6
6	X54338051	Bobbin presser	39	X55943051	Adjusting screw M4	71	X58063050	Set plate D
7	062301216	Screw 3 × 12	40	X56960051	Nut 4	72	060400616	Screw M4 × 6
8	021300106	Nut 3	41	025680133	Washer 4.37	73	X50442051	Screw cover
9	X57601101	Thread guide holder assembly	42	X55994001	Base plate	74	X52215052	Arm cap
10	138433051	Screw 3 × 6	43	060400616	Screw M4 × 6	75	X59268051	Soft case assembly
11	X53252051	Bobbin winder thread guide assembly	44	X59773050	Base cover	76	130157051	Rubber cushion
12	052300606	Screw 3 × 6	45	060400616	Screw 4 × 6	77	X57760001	Anchor clip
13	021300106	Nut 3	46	X57799052	Front cover for M6000	78	X58846050	Arm cover supporter
14	X56902051	Thread guide cover	47	X57799053	Front cover for ACE2	80	021400306	Nut 4
15	060400616	Screw M4 × 6	48	X58844051	Indication plate	81	060400616	Screw M4 × 6
16	X57607051	Carrying handle	49	X57612051	S key top	82	X51895051	Face plate bushing
17	X55933051	Carrying handle shaft	50	X57613050	Connecting block			
18	048040346	Stop ring E4	51	X55950051	SS button			
19	X59770051	Handle holder L	52	X55951051	Reverse sewing button			
20	X57755051	Set plate	53	X59267051	NP button			
21	060400816	Screw 4 × 8	54	X57767051	Blind button			
22	X59771051	Handle holder R	55	X57768050	Manual key top			
23	X58501050	Set plate U	56	X57766051	Connecting block			
24	060400816	Screw 4 × 8	57	X57766051	Manual button			
25	X57609051	Face plate	58	X58531051	Shift key			
26	X56450051	Thread cutter assembly	59	X58532051	Select key			
27	138433051	Screw 3 × 6	60	X58845051	Select panel			
28	X56550051	Face plate set screw	61	X57622051	Front cover set plate			
29	X58518101	Bed cover	62	060300616	Screw 3 × 6			
30	060400816	Screw 4 × 8	63	U12017051	Screw 3 × 6			
31	X55940001	Free arm cover	64	X58563051	Belt cover			
32	060400616	Screw M4 × 6	65	060400616	Screw 4 × 6			
				X55955001	Accessory table assembly			



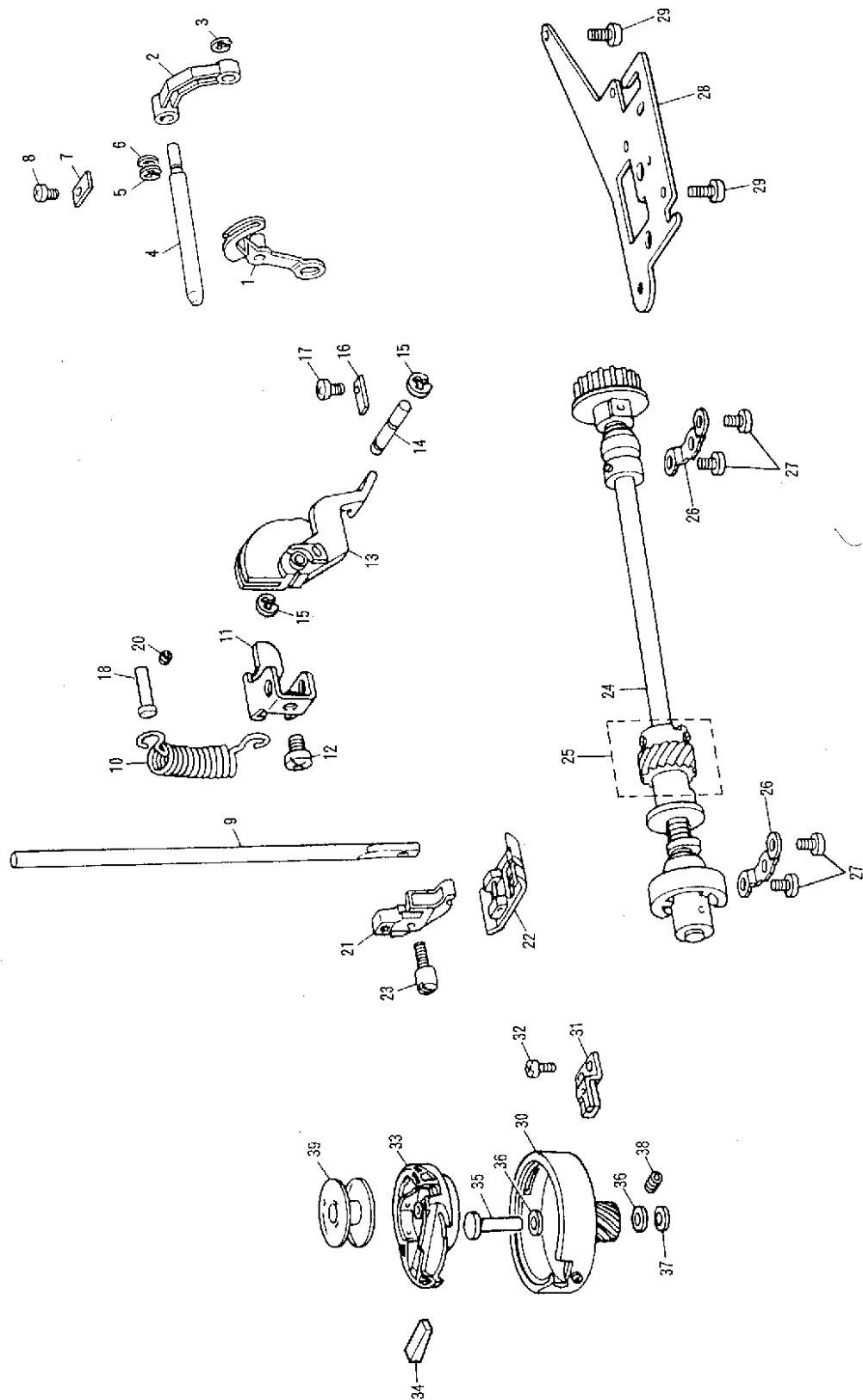
(2) UPPER SHAFT AND NEEDLE BAR <B825>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X55961051	Upper shaft assembly	29	131226051	Needle clamp screw 3.57	58	060260316	Screw 26 × 3
2	X52478051	Presser plate A	30	117914114	Needle HA × 130	59	X57815051	Thread cutter cover assembly
3	060400816	Screw 4 × 8	31	X54971001	Threader hook assembly			
4	X55969000	Timing belt 166 XL031	32	X56467051	Collar	60	X56029051	Needle plate cover spring
5	X53187051	Belt adjusting pulley assembly	33	014400432	Screw 4 × 4	61	137977050	Washer
6	OA4400806	Screw 4 × 8 DA	34	X56469051	Eccentric screw	62	060260316	Screw 26 × 3
7	XA0595051	NP board assembly	35	X56960051	Nut 4	63	X56033051	Lower thread cutter
8	060400616	Screw M4 × 6	36	110735001	Washer	64	X56828151	Needle plate cover
9	X57635051	Needle bar supporter assembly	37	X55980051	Spring	65	X50487051	Screw M4
10	X51920051	Pin 2.5 × 9.8	38	X57646050	Needle bar supporter stud holder	66	X57655151	Sew-light holder
11	014300332	Screw 3 × 3	39	X57647051	Needle bar supporter stud	67	060400416	Screw M4 × 4
12	X56466051	Needle bar supporter stud A	40	X56464001	Needle bar supporter arm	68	X57764051	Stud bolt
13	X56551050	Needle bar supporter stud C	41	137977050	Washer			
14	014400432	Screw 4 × 4	42	014400432	Screw 4 × 4			
15	X57643051	Set plate	43	060401016	Screw 4 × 10			
16	060300616	Screw 3 × 6	44	X57648051	Face plate supporting plate assembly			
17	X50476051	Spring	45	X57650001	BH switch plate assembly #10			
18	X55983050	Needle threader position setter	46	060300416	Screw 3 × 4			
19	012400432	Screw 4 × 4	47	X57651051	BH switch lever assembly			
20	X55981051	Needle bar	48	X57750051	BH change switch assembly			
21	X52650151	Needle bar crank rod assembly	49	062020416	Screw 2 × 4			
22	012400432	Screw 4 × 4	50	132467051	Collar			
23	X55944051	Needle bar crank	51	060300616	Screw 3 × 6			
24	132051001	Screw 3.57L	52	060400616	Screw M4 × 6			
25	X50109100	Needle bar thread guide	53	X57654051	Needle plate			
26	X53053001	Screw 2.38	54	X56025151	Inner rotary hook presser			
27	125161000	Needle guide plate	55	X56026051	Slide button			
28	X5728051	Needle clamp assembly	56	X56027051	Slide button supporter			
			57	X59003050	Upper thread supporting plate			



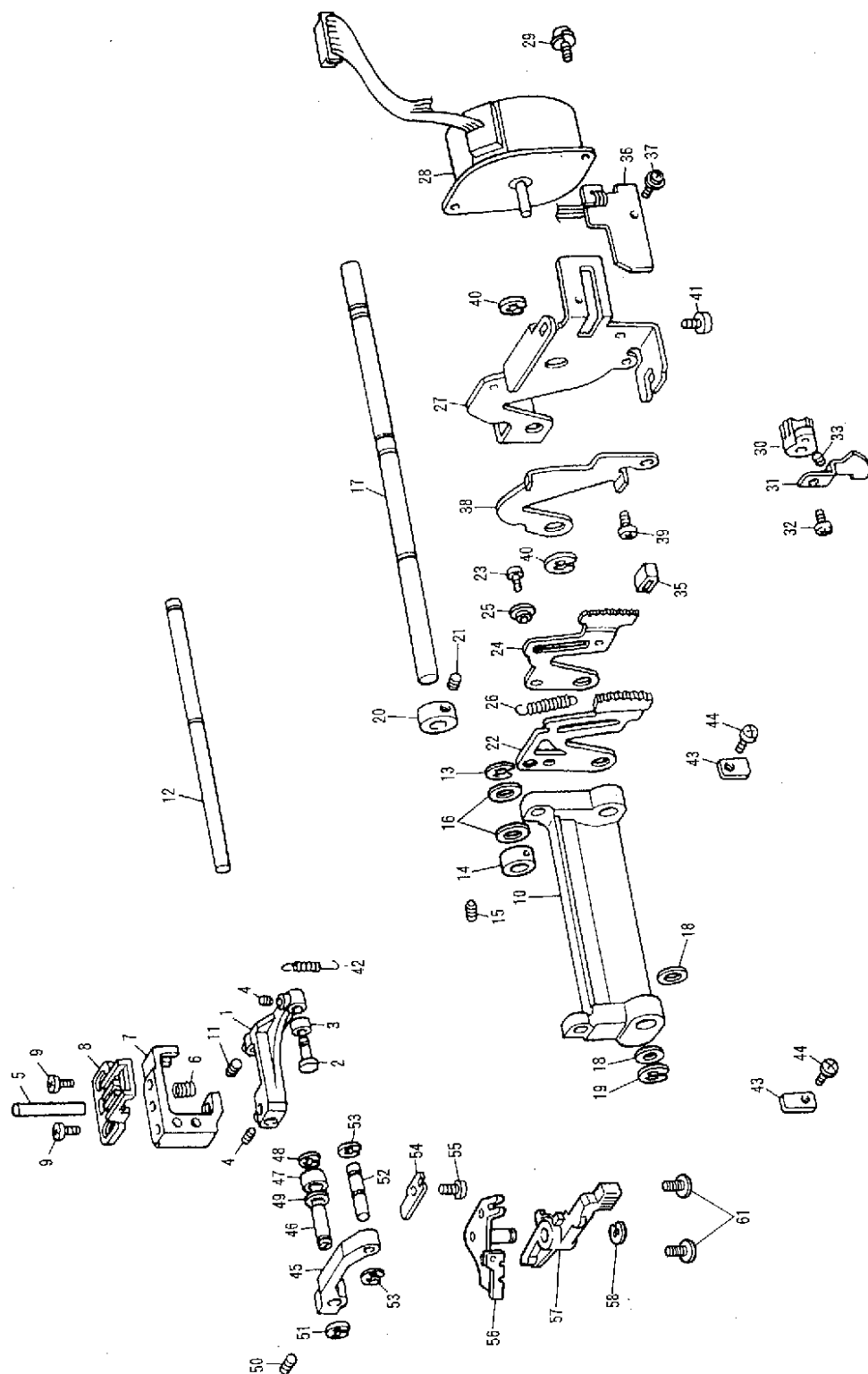
<B825> ROTARY HOOK DRIVE AND ROTARY HOOK RETAINER, BALANCE (3)

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58850051	Thread take-up lever	33	X56162251	Inner rotary hook assembly			
2	X51547251	Thread take-up link			Pile 14 × 6.3			
3	048040346	Stop ring E4	34	X56971001	Outer rotary hook shaft			
4	X58851051	Thread take-up levers stud	35	137804151	Spacer			
5	048040346	Stop ring E5	36	137805051	Washer 6			
6	X53838051	Washer	37	137976001	Screw 4 × 6			
7	X50532051	Presser plate	38	014400632	Bobbin			
8	060400616	Screw M4 × 6	39	136492151				
9	136551051	Presser bar						
10	132449051	Presser bar spring						
11	X59776051	Presser bar guide bracket						
12	X59777051	Screw						
13	X56051051	Presser foot lifter						
14	X56052051	Stud for presser foot lifter						
15	048040346	Stop ring E4						
16	X50532051	Presser plate						
17	060400616	Screw M4 × 6						
18	X59778051	Presser bar spring stud						
20	014400432	Screw 4 × 4						
21	129855001	Presser holder assembly						
22	137748101	Zigzag presser foot						
23	132730151	Screw 3.57						
24	X58885051	Lower shaft assembly						
25	X52752001	Lower shaft gear						
26	X54780151	Bushing presser						
27	060400816	Screw 4 × 8						
28	X57671051	Base plate						
29	060400816	Screw 4 × 8						
30	X52487051	Outer rotary hook assembly						
31	X53553101	Inner rotary hook bracket assembly						
32	060400616	Screw M4 × 6						



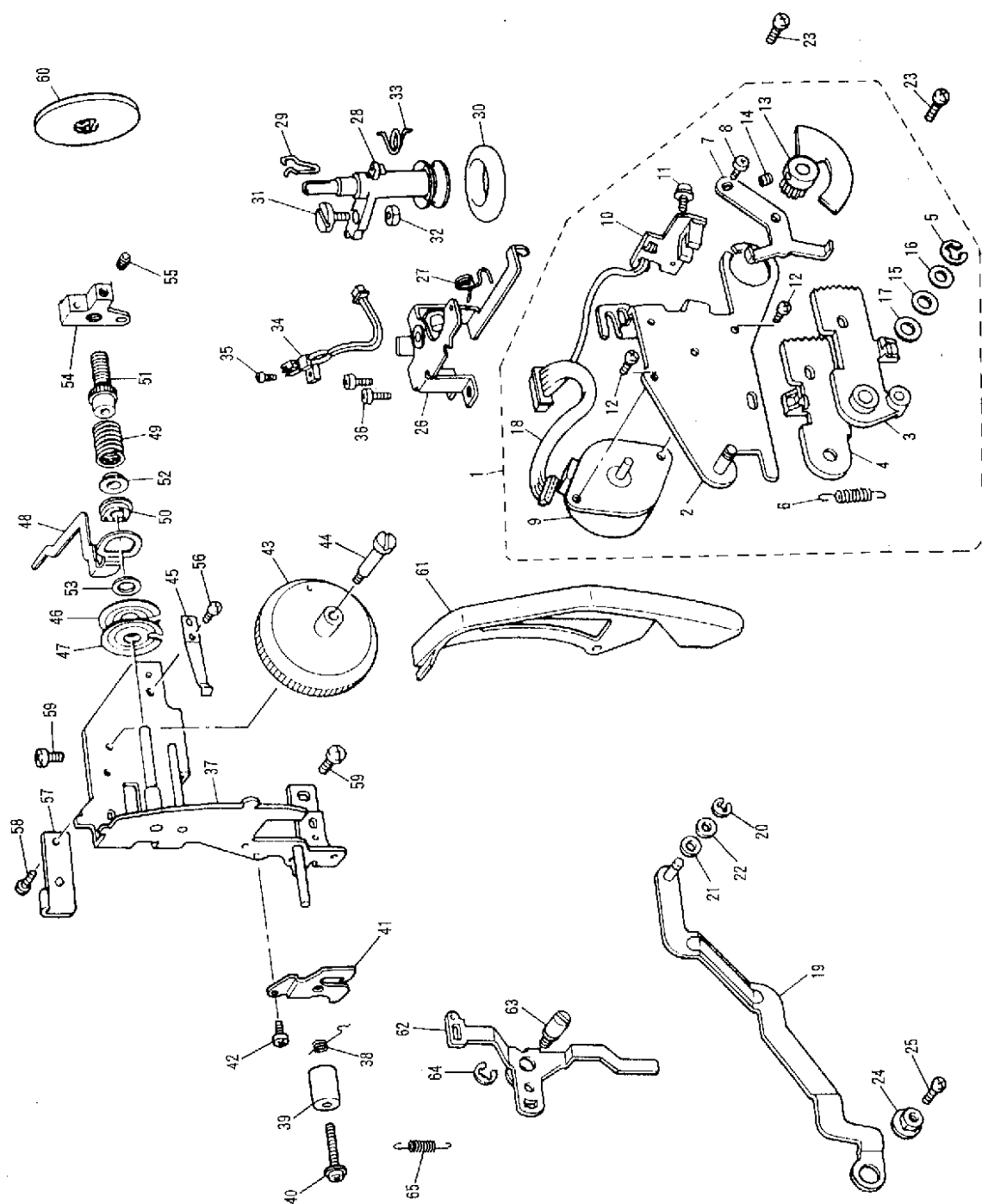
(4) FEED UNIT MECHANISM AND VERTICAL FEED MECHANISM <B825>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X56055050	Horizontal feed arm, A	36	XA0597057	Sensor board assembly			
2	X56056051	Stud shaft	37	052300606	Screw 3 × 6			
3	137760050	Vertical feed roller	38	X56086050	F gear stopper			
4	014400432	Screw 4 × 4	39	060400416	Screw M4 × 4			
5	137762051	Feed bar guide shaft	40	048060346	Stop ring E6			
6	137763051	Spring	41	060400816	Screw 4 × 8			
7	137764050	Feed bar	42	X56057051	Spring			
8	X58853051	Feed dog	43	X50532051	Presser plate			
9	X58387051	Screw 3.18-44	44	060400816	Screw 4 × 8			
10	X57668150	Horizontal feed arm, B	45	X56071050	Vertical feed arm			
11	014400432	Screw 4 × 4	46	137935051	Roller shaft			
12	X56060151	Horizontal feed arm shaft	47	137760050	Roller			
13	048040346	Stop ring E4	48	048030346	Stop ring E3			
14	137842151	Collar	49	13799050	Washer			
15	014400432	Screw 4 × 4	50	014400632	Screw 4 × 6			
16	X59376050	Washer	51	048040346	Stop ring E4			
17	X56061151	Horizontal feed shaft	52	X56072151	Vertical feed arm shaft			
18	X51383050	Washer	53	048030346	Stop ring E3			
19	048060346	Stop ring E6	54	X56073051	Stop plate			
20	137768151	Collar	55	060400816	Screw 4 × 8			
21	014400432	Screw 4 × 4	56	X58523051	Drop holder assembly			
22	X56062051	F gear	57	X58525051	Drop lever			
23	060300806	Screw 3 × 8	58	048040346	Stop ring E4			
24	X56064051	F-S gear	61	060400616	Screw 4 × 6			
25	X56129151	Collar						
26	X56065051	Spring						
27	X56079001	Feed pulse motor holder						
28	Z25790001	Feed pulse motor						
29	052400805	Screw 4 × 8						
30	X56081051	Feed pulse motor gear						
31	X56082050	F shutter						
32	060300416	Screw 3 × 4						
33	014400432	Screw 4 × 4						
35	837738001	Stopper						



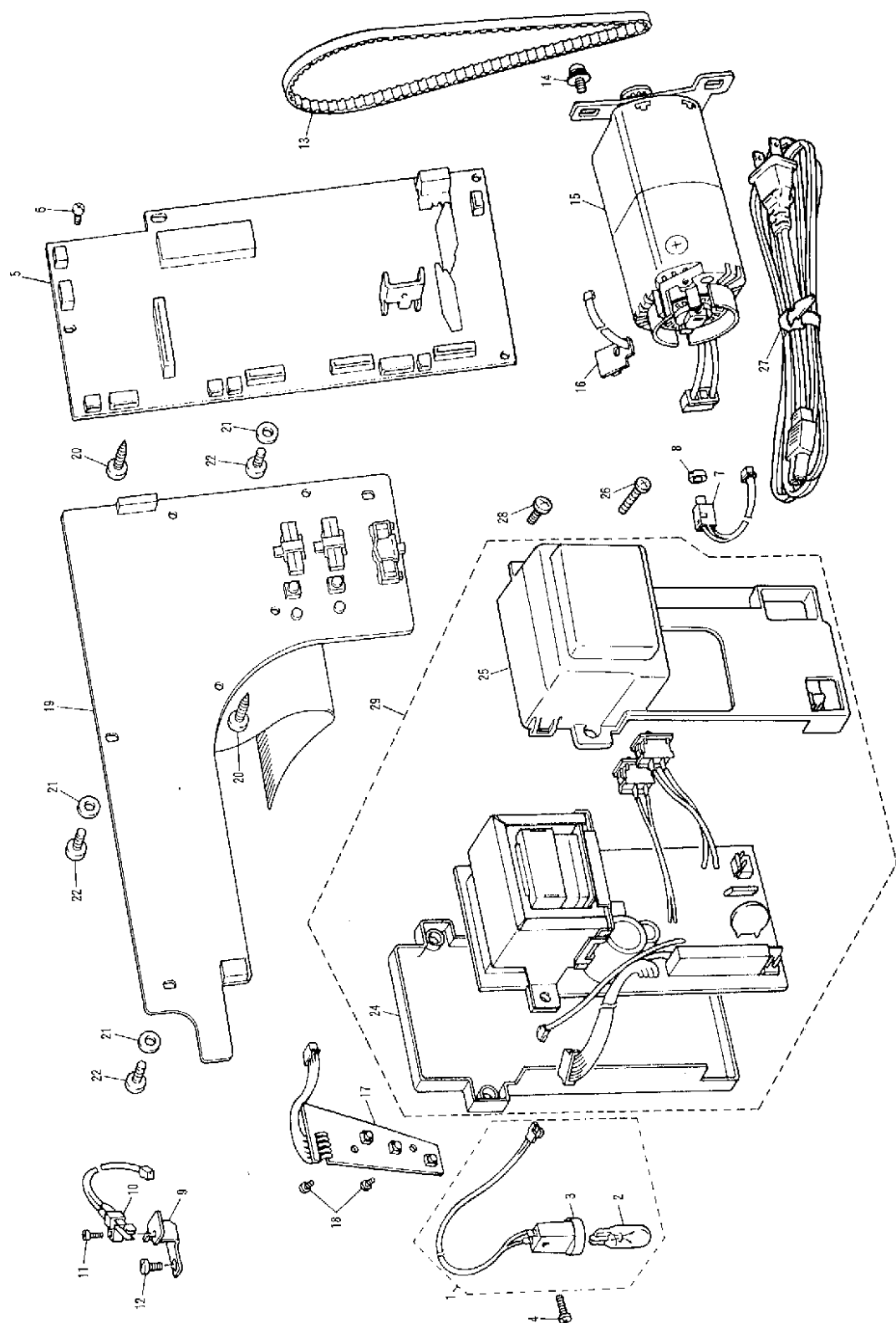
(5) ZIGZAG MECHANISM, BOBBIN WINDER MECHANISM AND THREAD GUIDE <B825>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X57744051	Zigzag pulse motor assembly	31	120263051	Stud screw 4.37	60	X55260052	Spool presser C
2	X56180051	Zigzag pulse motor holder assembly	32	102571056	Nut 4.37	61	X58859051	Thread guard cover
3	X59780050	Zigzag gear A	33	X52102050	Spring	62	X57694051	Thread tension release plate A
4	X59781050	Zigzag gear B	34	X56202051	Bobbin winder switch assembly	63	X57699051	Stud screw M4 × 4
5	048040346	Stop ring E4	35	062260516	Screw 2.6 × 5	64	048040346	Stop ring E4
6	X56185051	Spring	36	060400616	Screw M4 × 6	65	X58860151	Spring
7	X59782051	Z gear stopper	37	X58855051	Thread guard plate assembly			
8	060300416	Screw 3 × 4	38	X58857051	Thread take-up spring			
9	Z25460001	Zigzag pulse motor	39	132305051	Thread take-up spring case			
10	XA0597051	Sensor board assembly	40	602394001	Screw 4 × 16			
11	052300606	Screw 3 × 6	41	X58858151	Thread take-up spring seat			
12	060300416	Screw 3 × 6	42	060300416	Screw M3 × 4			
13	X58064051	ZPM gear assembly	43	X56927152	Thread tension dial			
14	014300332	Screw 3 × 3	44	X52120051	Thread tension dial shaft			
15	X56731050	Washer	45	X57001051	Notched spring			
16	025050135	Washer 5	46	129376051	Thread tension disc			
17	X53027050	Washer	47	108263051	Thread tension disc			
18	X57747051	ZPM lead wire assembly	48	X57685051	Thread tension release plate B			
19	X56193051	Zigzag connecting rod assembly	49	X55842051	Spring			
20	048030346	Stop ring E3	50	137881051	Spring seat			
21	117851051	Washer	51	X50765251	Tension adjusting screw			
22	025040135	Washer	52	X50702050	Spring seat			
23	060400616	Screw M4 × 6	53	109763053	Washer			
24	X50559050	Zigzag adjusting nut	54	X56975051	Thread tension nut assembly			
25	062301006	Screw 3 × 10						
26	X80400051	Bobbin winder base plate assembly	55	012400432	Screw 4 × 4			
27	137992051	Spring	56	062300416	Screw M3 × 4			
28	X58925051	Bobbin winder assembly	57	X57686051	Thread guide			
29	125928050	Spring	58	060300416	Screw 3 × 4			
30	120448051	Bobbin winder rubber ring	59	060400616	Screw M4 × 6			



<B825> MOTOR AND POWER SUPPLY <B825>

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X56233051	Sew-light assembly #4	27	X59354051	Power supply cord for UK			
2	X50228051	Sew-light bulb	28	060400816	Screw 4 × 8			
3	X56234051	Socket assembly	29	XA0235051	Power supply unit assembly for 120V			
4	002261205	Screw 2.6 × 12						
5	XA0223051	Main PC board assembly		XA0241051	Power supply unit assembly for 220V			
6	052300606	Screw 3 × 6						
7	X56281001	Pin jack assembly		XA0245051	Power supply unit assembly for 230V			
8	X51271001	Jack nut						
9	X57739050	Presser SW holder		XA0248051	Power supply unit assembly for 240V			
10	X57715051	Presser switch assembly						
11	062260516	Screw 2.6 × 5						
12	060400616	Screw M4 × 6						
13	X56307001	Timing belt B160 XXL6.4						
14	537235051	Screw 5 × 12 DB						
15	J01594051	Motor MM-381-52 (220V-240V)						
	J01593051	Motor MM-381-22 (120V)						
16	J01273001	Motor PC board assembly MM-381S #2						
17	XA0604051	SS PC board assembly						
18	136681051	Screw 3 × 8						
19	XA0217051	Control board assembly						
20	136681051	Screw 3 × 8						
21	X57730050	Spacer						
22	X59629051	Screw 3 × 10						
24	X56306001	Power supply unit case						
25	X57825001	Power supply unit cover						
26	060402016	Screw 4 × 20						
27	X59503051	Power supply cord for USA, Canada						
	XA0070051	Power supply cord for Europe (220V area)						
	X59328051	Power supply cord for Australia						



(1) PRINCIPAL PARTS AND DISPLAY <B824>

※ The components are the same as B826 excluding the following parts. (Refer to pages 4 & 5.)

(For B826)

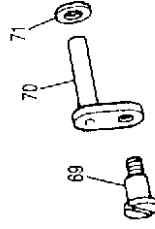
Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
47	X58844051	Indication plate	47	XA1488051	Indication plate
53	X57621051	Thread cutting button	53	X59267051	Blind button
59	X58568051	Select panel	59	XA1451051	Select panel

(2) UPPER SHAFT AND NEEDLE BAR <B824>

※ The components are the same as B825 excluding the following parts. (Refer to pages 24 & 25.)

(For B825)

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
23	X55944051	Needle bar crank	69	X56824151	Needle bar crank
24	132051001	Screw 3.57L	70	X51163051	Washer 6
57	X59003050	Upper thread supporting plate	71	X50483051	Screw 4.37

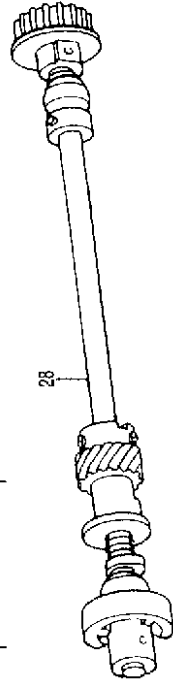


(3) BALANCE, RETAINER, ROTARY HOOK DRIVE AND ROTARY HOOK <B824>

※ The components are the same as B835/826 excluding the following parts. (Refer to pages 8 & 9.)

(For B835/826)

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
28	X58955051	Lower shaft assembly	28	X58885051	Lower shaft assembly
41	X50749001	Lower shaft supporting plate	41	-	-
42	060400816	Screw 4 × 8	42	-	-
44	X56067050	SC switch holder	44	-	-
45	XA0605051	SC switch assembly	45	-	-
46	060400616	Screw 4 × 6	46	-	-

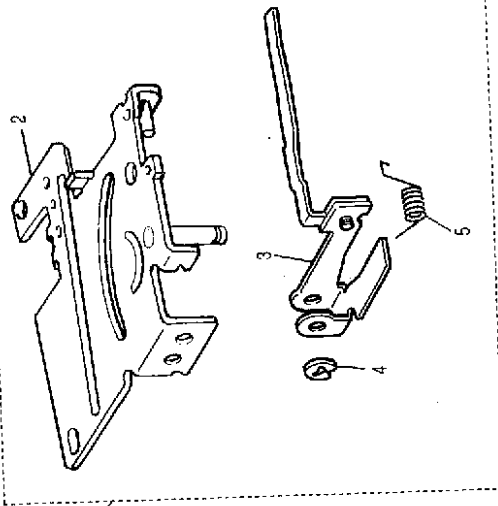
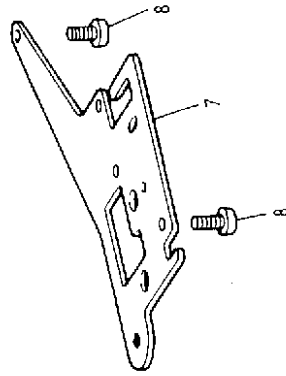


(4) FEED UNIT MECHANISM AND VERTICAL FEED MECHANISM <B824>

※ The components are the same as B835/826.

(5) LOWER THREAD GUIDE MECHANISM <B824>

Ref. No.	Parts No.	Parts Name
1	XA1604051	Lower thread guide complete
2	X58864051	Thread cutting frame assembly
3	X58874051	Lower thread guide plate assembly
4	048030346	Stop ring E3
5	X58877051	Spring
6	060400616	Screw 4 × 6
7	X57671051	Thread cutting base plate
8	060400816	Screw M4 × 8



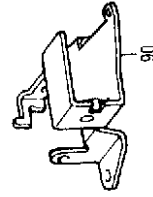
(6) ZIGZAG MECHANISM, BOBBIN WINDER MECHANISM AND THREAD GUIDE <B824>

※ The components are the same as B835/826 excluding the following parts. (Refer to pages 14 & 15.)

(For B824)

Ref. No.	Parts No.	Parts Name
89	X57700051	Roller releasing unit
90	X57751051	Solenoid holder assembly
91	X57705051	Releasing plate A
92	X57706051	Spring
93	026030235	Washer 3
94	048020346	Stop ring E2
95	X57707051	Releasing plate B
96	014400632	Screw 4 × 6
97	X57708051	Releasing plate C assembly
98	X57711051	Spring

Ref. No.	Parts No.	Parts Name
89	-	-
90	X57702051	Solenoid holder
91	-	-
92	-	-
93	-	-
94	-	-
95	-	-
96	-	-
97	-	-
98	-	-



(7) LAMP, ELECTRONIC PARTS, MOTOR AND POWER SUPPLY <B824>

※ The components are the same as B825. (Refer to pages 32 & 33.)

