

**Parts Catalogue For  
Computerized Sewing Machine**

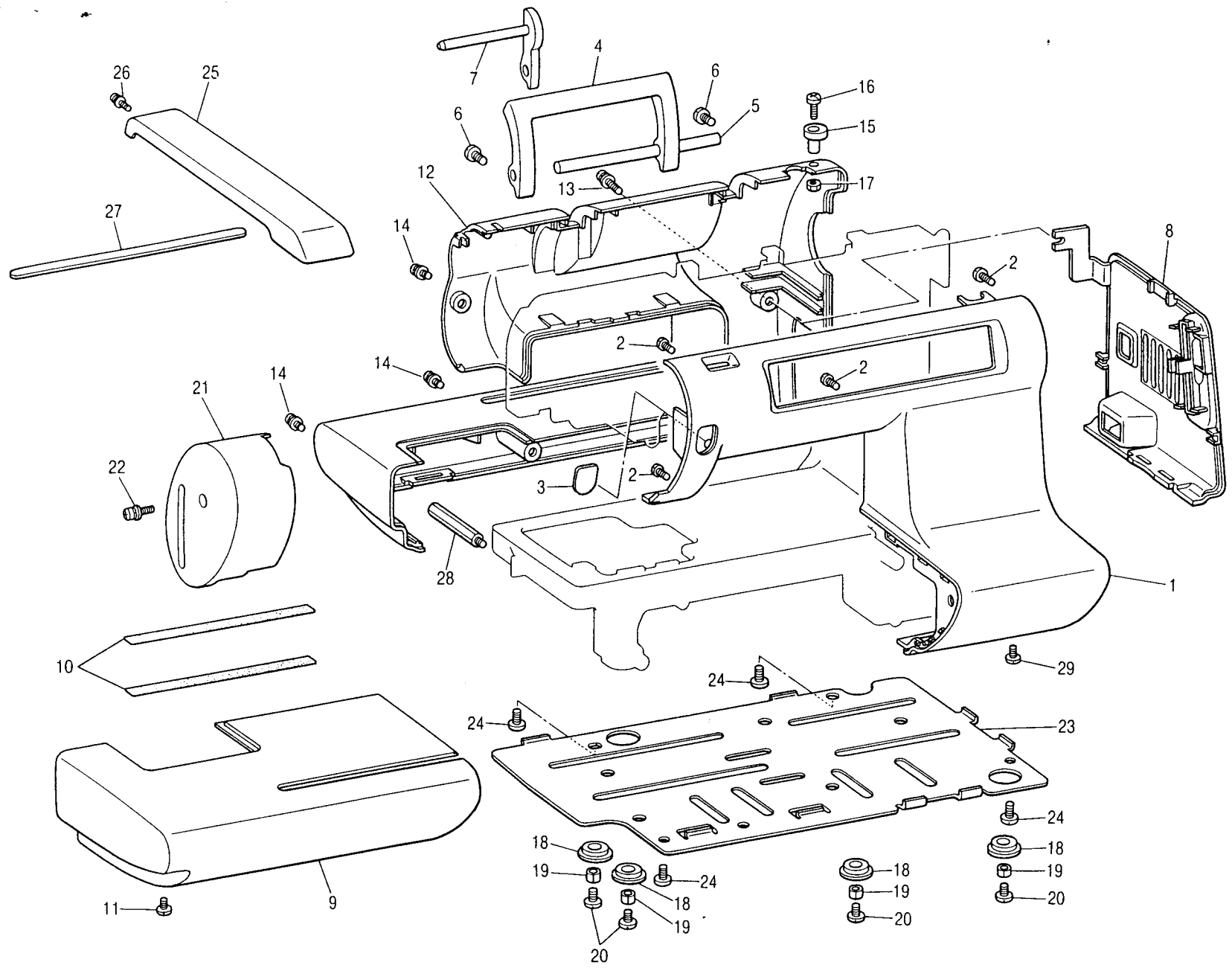
**Embroidery Machine**

**MODEL**

**PE-100 (ZZ4-B215)**

(1) PRINCIPAL PARTS AND DISPLAY

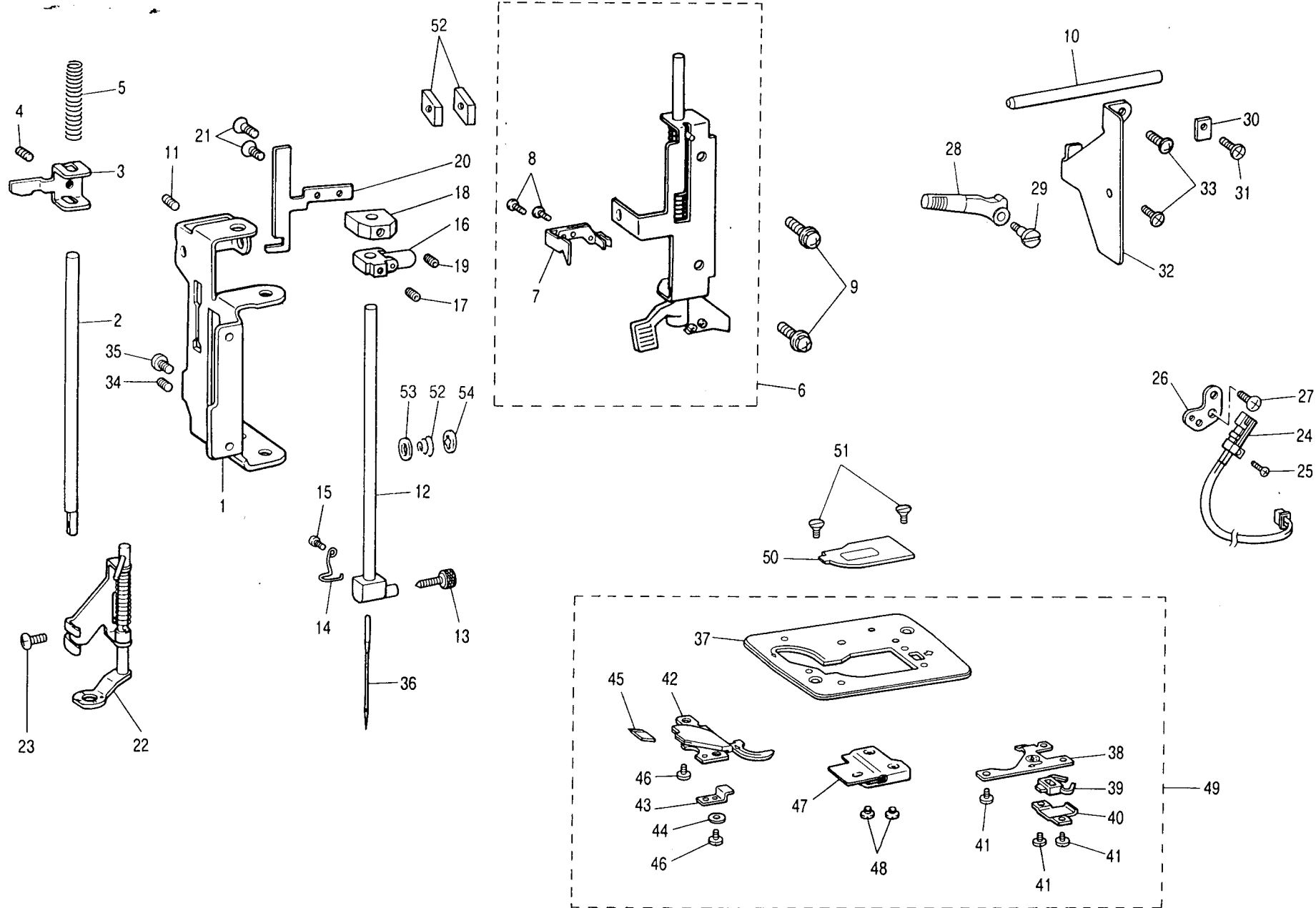
Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X59536001	Front cover (Pacesetter)						
	X59538001	Front cover (PE-100)						
2	138444001	Screw 4 × 14						
3	X58645003	SS button (Start/Stop)						
	X58645004	SS button (Arrow)						
4	X58643051	Carrying handle						
5	X58644051	Carrying handle shaft						
6	052401406	Screw 4 × 14						
7	X58708001	Spool stand bar						
8	X59537001	Belt cover						
9	X58648001	Main cover						
10	X58649001	Groove cover						
11	085300815	Screw 3 × 8						
12	X59801001	Rear cover (without logo)						
	X59801002	Rear cover (with logo)						
13	052401406	Screw 4 × 14						
14	052400806	Screw 4 × 8						
15	121846001	Bobbin presser						
16	062301616	Screw M3 × 16						
17	021300106	Nut 3						
18	X55942100	Rubber cushion						
19	X56474001	Spacer						
20	X57908051	Screw 4 × 10						
21	X58653001	Face plate						
22	052400806	Screw 4 × 8						
23	X58655001	Base cover						
24	X57908051	Screw 4 × 10						
25	X58657002	X carriage cover						
26	052300606	Screw 3 × 6						
27	X58765001	Slider plate						
28	X59368051	Stud bolt						
29	085300815	Screw 3 × 8						



## (2) NEEDLE BAR AND PRESSER BAR

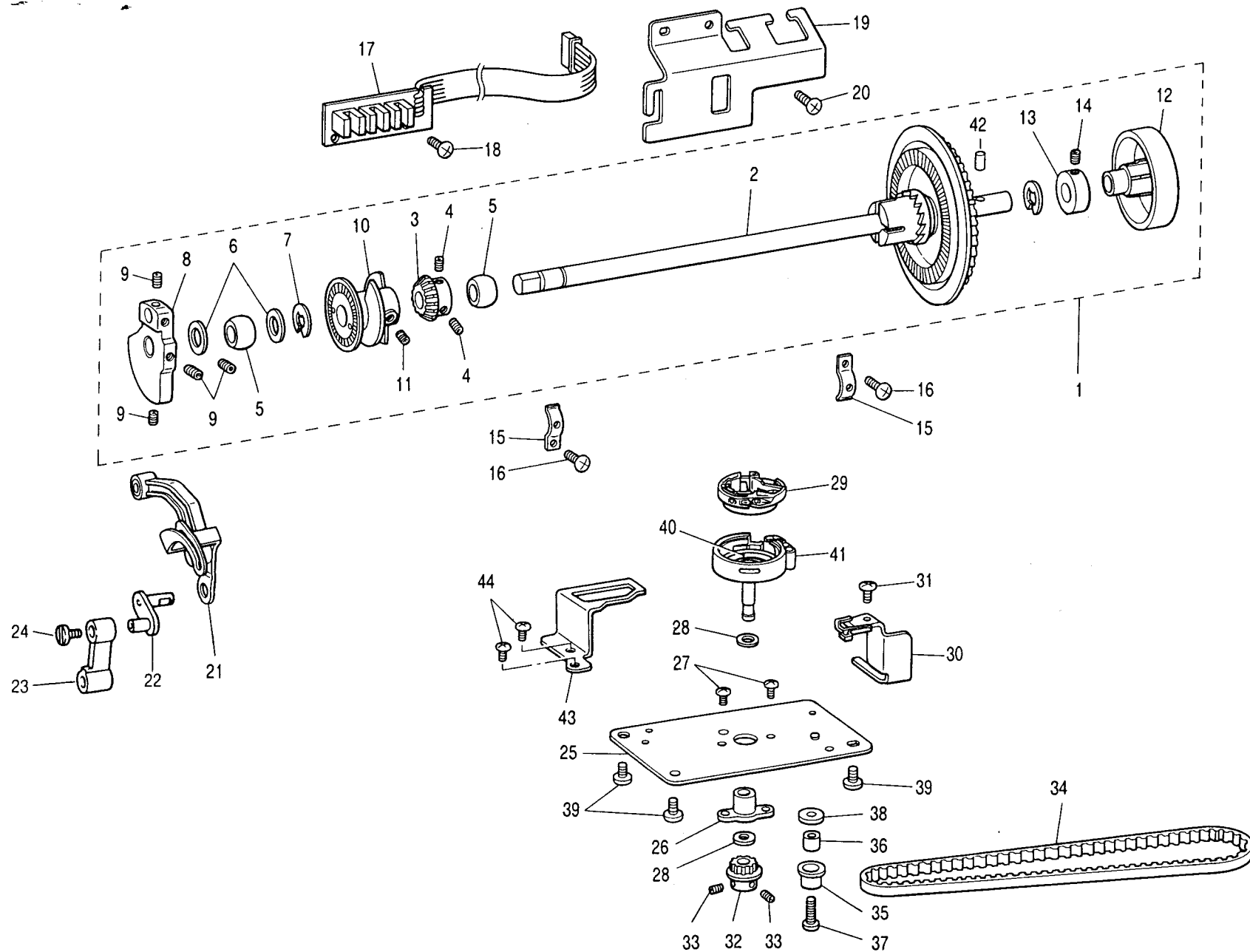
Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	XA0415001	Presser unit holder	33	X57908051	Screw 4 × 10			
2	XA0416051	Presser bar	34	012400632	Screw 4 × 6			
3	XA0417051	Presser bar bracket	35	060301216	Screw 3 × 12			
4	014400432	Screw 4 × 4	36	117914011	Needle			
5	XA0418051	Presser bar spring	37	X58774251	Needle plate			
6	XA0419001	Thread guide assembly	38	X56025001	Inner rotary hook presser			
7	XA0445001	Hook assembly	39	X56026001	Slide button			
8	037200416	Screw 2 × 4	40	X56027001	Slide button supporter			
9	052300606	Screw 3 × 6	41	060260316	Screw 2.6 × 3			
10	X58772151	Thread take-up lever stud	42	X59590001	Thread cutter cover assembly			
11	014400632	Screw 4 × 6						
12	X58769001	Needle bar assembly	43	X56029001	Needle plate cover spring			
13	X58771051	Needle clamp screw	44	137977000	Washer			
14	X55187000	Needle bar thread guide	45	X56033001	Lower thread cutter			
15	062020416	Screw 2 × 4	46	060260316	Screw 2.6 × 3			
16	XA0425001	Needle bar block assembly	47	XA0433001	Thread guide plate			
17	014400432	Screw 4 × 4	48	060260316	Screw 2.6 × 3			
18	XA0429000	Positioning supporter	49	XA0432001	Needle plate assembly			
19	012400432	Screw 4 × 4	50	X56828151	Needle plate cover			
20	XA0430051	Needle threader position setter	51	X50487001	Screw M4			
			52	X57822101	Needle bar presser spring			
21	004260405	Screw 26 × 4	53	X58511100	Washer			
22	XA0444001	Embroidery presser assembly	54	109763003	Washer			
			55	XA1298000	Spacer			
23	060670606	Screw 3.57 × 6						
24	X59478001	Presser switch assembly						
25	062260516	Screw 2.6 × 5						
26	X58676051	Presser switch holder						
27	X57908051	Screw 4 × 10						
28	X58677051	Presser foot lever						
29	X55168001	Stud screw M4						
30	X50532001	Shaft presser plate						
31	X57908051	Screw 4 × 10						
32	XA0431050	Face plate base plate						

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**(3) BALANCE, ROTARY HOOK AND UPPER SHAFT**

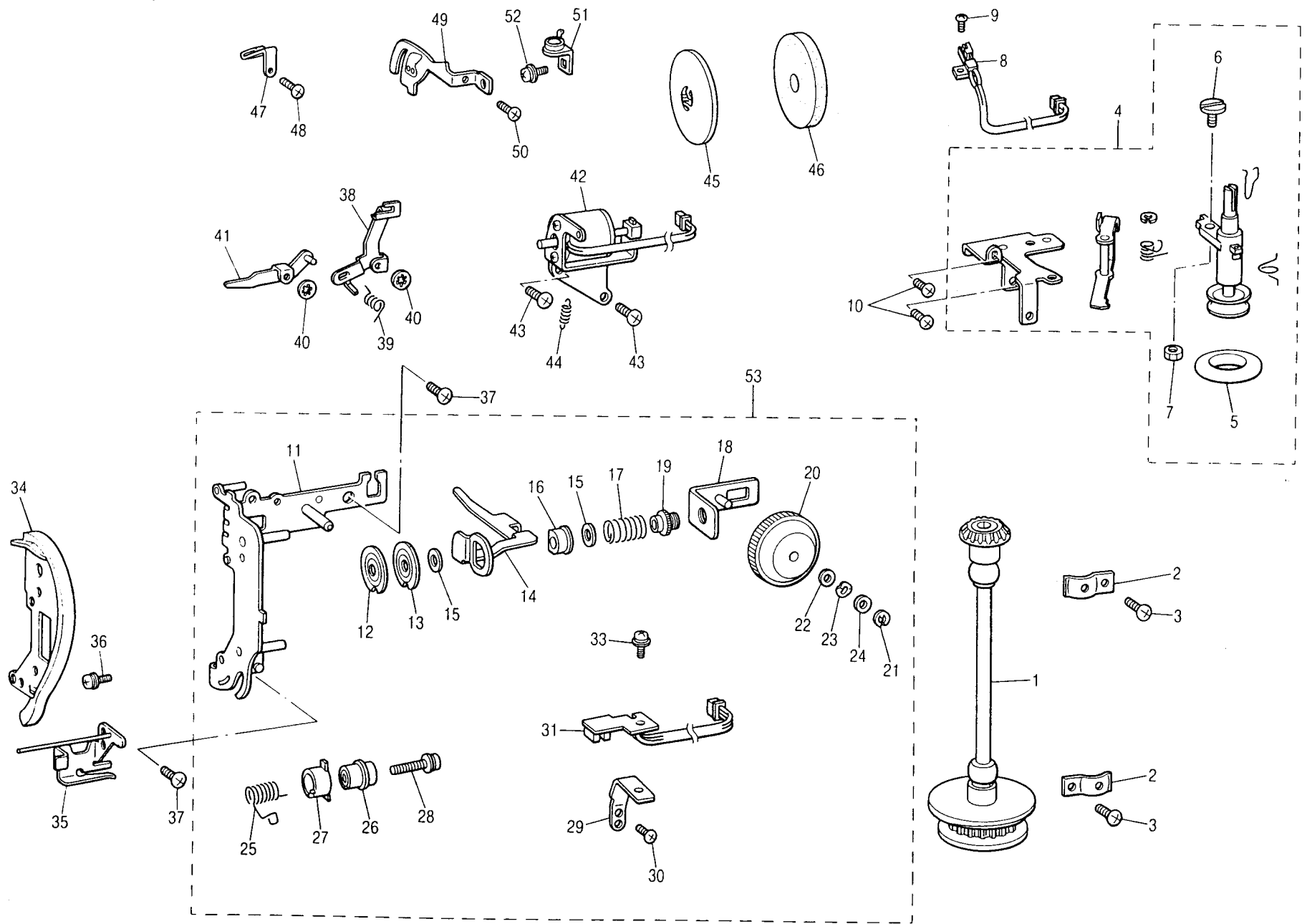
Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X59043101	Upper shaft assembly	30	X59803001	Inner rotary hook bracket assembly			
2	X58661001	Upper shaft sub assembly						
3	X55154000	Upper shaft gear	31	060400616	Screw M4 × 6			
4	014500532	Screw 5 × 5	32	138417000	Rotary hook shaft pulley			
5	132420000	Lower shaft bushing	33	014400632	Screw 4 × 6			
6	X51383000	Washer	34	X58784001	Timing belt 200 XL015			
7	048060346	Stop ring E6	35	X50079000	Belt tension pulley			
8	X58664051	Thread take-up counter weight	36	X50080001	Belt tension pulley shaft			
9	012500532	Screw 5 × 5	37	060301616	Screw M3 × 16			
10	X59950051	Timing shutter assembly	38	X55222001	Washer			
11	014400432	Screw 4 × 4	39	X57908051	Screw 4 × 10			
12	X55147001	Hand wheel	40	X59310001	Outer rotary hook washer			
13	130096151	Collar	41	XA0479001	Outer rotary hook assembly			
14	014400632	Screw 4 × 6	42	X51920001	Needle roller bearing			
15	132421001	Lower shaft bushing presser	43	XA0434001	Inner rotary hook presser D			
16	060401216	Screw 4 × 12	44	060300616	Screw 3 × 6			
17	XA0450001	NP PC board assembly						
18	060400816	Screw 4 × 8						
19	X58763051	Shutter cover						
20	X57908051	Screw 4 × 10						
21	X58776051	Thread take-up assembly						
22	X59571051	Needle bar crank						
23	X55197050	Needle bar crank rod						
24	X59572051	Screw 3.57						
25	X58780051	Rotary hook shaft frame assembly						
26	X55213001	Shaft supporter						
27	060300616	Screw 3 × 6						
28	137805001	Spacer						
29	X59802101	Inner rotary hook assembly						



**(4) VERTICAL SHAFT, BOBBIN WINDER AND THREADING MECHANISM**

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58785001	Vertical shaft assembly	28	0A4402005	Screw 4 × 20 DA			
2	132421001	Lower shaft bushing presser	29	X58691051	Thread breakage sensor holder			
3	060401216	Screw 4 × 12	30	060300616	Screw 3 × 6			
4	X58787051	Bobbin winder assembly	31	XA0453001	Thread breakage board assembly			
5	120448051	Bobbin winder rubber ring	33	052300606	Screw 3 × 6			
6	120263051	Stud screw 4.37	34	X58694001	Thread guide cover			
7	102571056	Nut 4.37	35	X58804051	Arm thread guide assembly			
8	X56202001	Bobbin winder switch assembly	36	538773001	Screw 3 × 8 DA			
9	062260516	Screw 2.6 × 5	37	X57908051	Screw 4 × 10			
10	X57908051	Screw 4 × 10	38	X58696151	Thread tension release plate B			
11	X58681051	Thread guide plate sub assembly	39	X58697151	Spring B			
12	108263001	Thread tension disc	40	120454001	Stop ring CS			
13	129376001	Thread tension disc	41	X58698051	Thread tension release plate C assembly			
14	X58686051	Thread tension release plate A	42	X58701001	Solenoid holder assembly			
15	109763003	Washer	43	X57908051	Screw 4 × 10			
16	137881001	Spring seat	44	X58704051	Spring			
17	X58687101	Spring	45	X55260002	Spool presser C			
18	X58688051	Thread tension plate assembly	46	X57045001	Felt			
19	137878051	Thread tension adjusting screw	47	X59416001	Thread guide plate A			
20	X55253003	Thread tension dial	48	U22725001	Screw 2.6 × 8			
21	048030346	Stop ring E3	49	X58706001	Thread guide plate B assembly			
22	137999000	Washer	50	085300815	Screw 3 × 8			
23	137991001	Washer	51	X53252051	Spool guide assembly			
24	025040133	Washer 4	52	052300606	Screw 3 × 6			
25	X59432051	Thread take-up spring	53	X58680001	Thread guide plate assembly			
26	X53828001	Thread take-up spring case						
27	X58316001	Thread breakage shutter						





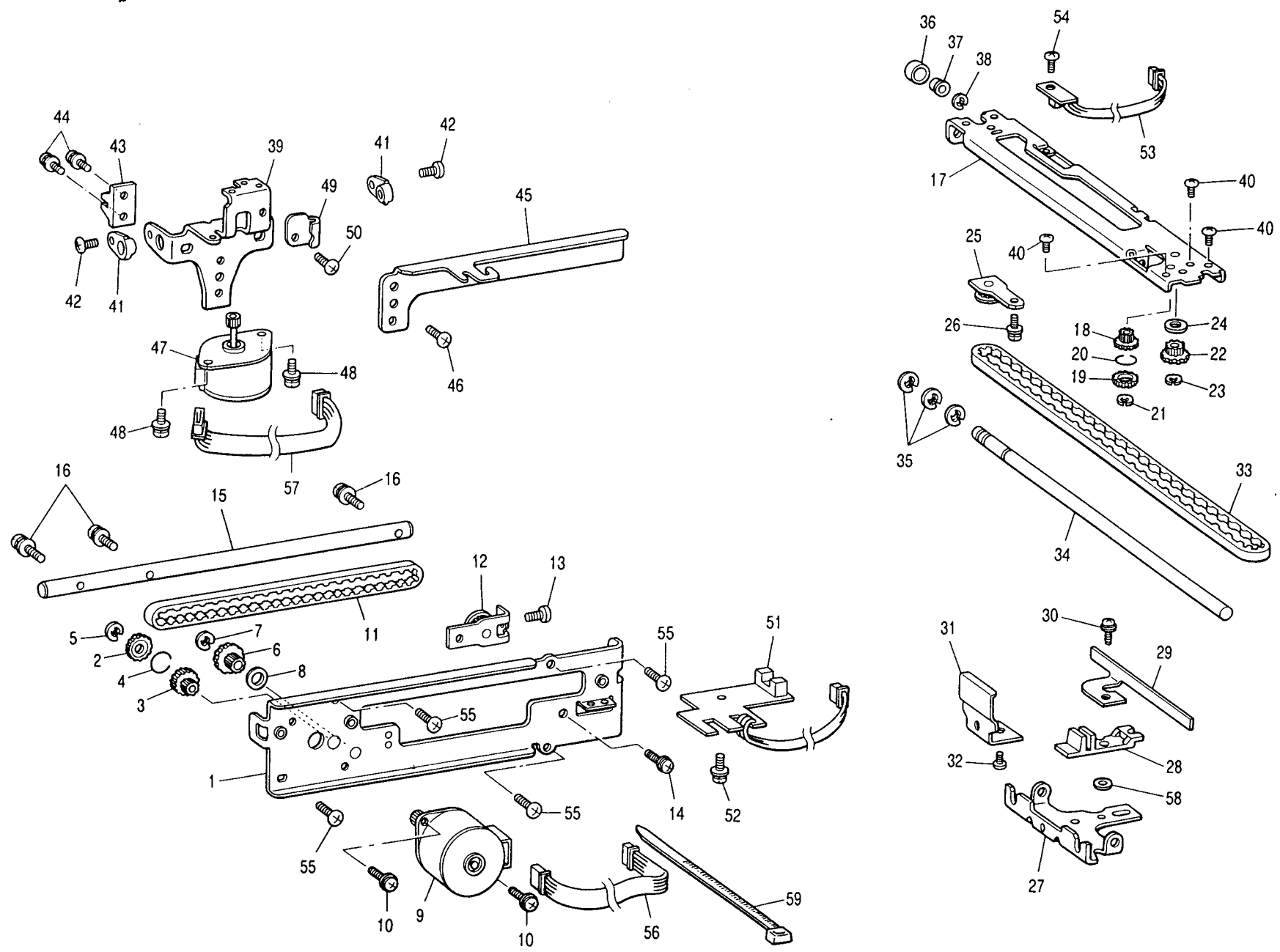
(5) LAMP, ELECTRONIC PARTS, MOTOR AND POWER SUPPLY

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58709001	Sew-light assembly #6	28	X50020001	Screw 3 × 10 DA			
2	X50228001	Sew-light bulb	29	X53838001	Washer			
3	X58710001	Socket assembly	30	138172001	Screw 4 × 10 DA			
4	085301415	Screw 3 × 14	31	X58762001	Drive belt B124 XXL4.8			
5	XA0456001	Main PC board assembly	32	XA0461001	Main motor assembly for 120V			
6	052300606	Screw 3 × 6		XA0467001	Main motor assembly for 220V to 240V			
7	X58744051	Board installing plate						
8	X57908051	Screw 4 × 10						
10	X58745052	Power supply unit case for 120V	33	X59542001	Inlet assembly for 120V			
	X58745051	Power supply unit case for 220V to 240V		X59545001	Inlet assembly for 220V to 240V			
			34	X59577001	Inlet installing plate			
11	138173001	Screw 4 × 10	35	052300606	Screw 3 × 6			
12	052401205	Screw 4 × 12	36	060400816	Screw 4 × 8			
13	X58746101	SS PC board assembly	37	X50018001	Power supply cord for USA and Canada			
14	087310515	Screw 3 × 5						
15	X58749003	LCD module assembly (Character)		131430001	Power supply cord for Europe (except UK) and South Africa			
	X58749004	LCD module assembly (Illustration)		X59326001	Power supply cord for Australia and New Zealand			
16	085300815	Screw 3 × 8						
17	X57005000	Insulating washer 3		X57079001	Power supply cord for UK			
18	XA0443001	Power supply unit cover						
19	138444001	Screw 4 × 14	38	XA0442001	Main motor cover for 220V to 240V			
20	X59205001	Switch holder						
21	X57908051	Screw 4 × 10	39	138173001	Screw 4 × 10			
22	XA0462001	Motor unit for 120V	40	XA0472001	Power supply unit assembly for 120V			
	XA0468001	Motor unit for 220V to 240V	40	XA0483001	Power supply unit assembly for 220V to 240V			
23	X58759000	Motor pulley						
24	X58760000	Flange fan						
25	130676151	Collar	41	025030336	Washer			
26	014400632	Screw 4 × 6						
27	X58761051	Motor holder						



## (6) EMBROIDERY MECHANISM

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58713051	Main frame assembly	32	060300516	Screw 3 × 5			
2	X56321000	Intermediate gear A	33	X56354001	Y belt 40S2M360			
3	X56322000	Intermediate gear B	34	X58726051	Y guide shaft			
4	X56323051	Gear spring	35	048040346	Stop ring E4			
5	048020346	Stop ring E2	36	X51657000	Roller rubber			
6	X56352000	Y drive gear pulley	37	X51658000	Roller wheel			
7	048040346	Stop ring E4	38	048025346	Stop ring E2.5			
8	026060235	Washer 6	39	X58727001	X carriage support			
9	Z25926001	X pulse motor	40	060300516	Screw 3 × 5			
		BP484223LM26XE1	41	X58728050	X slide bushing			
10	052300606	Screw 3 × 6	42	060400816	Screw 4 × 8			
11	X58715001	X belt 40S2M400	43	X58729000	X belt presser			
12	X58716001	X tension pulley plate assembly	44	538773001	Screw 3 × 8 DA			
			45	X58730051	X initial shutter			
13	060300816	Screw M3 × 8	46	060300516	Screw 3 × 5			
14	052300606	Screw M3 × 6	47	Z25932001	Y pulse motor			
15	X58718051	X guide shaft			BP483523LM17YE1			
16	052401406	Screw 4 × 14	48	575039003	Screw 3 × 5			
17	X58719001	X carriage assembly	49	X58731050	Cord guide			
18	X56321000	Intermediate gear A	50	060300516	Screw 3 × 5			
19	X56322000	Intermediate gear B	51	XA0470001	X sensor board assembly			
20	X56323051	Gear spring	52	052300606	Screw 3 × 6			
21	048020346	Stop ring E2	53	X58259101	Y sensor board assembly			
22	X56352000	Y drive gear pulley	54	060020416	Screw M2 × 4			
23	048040346	Stop ring E4	55	X57908051	Screw 4 × 10			
24	026060235	Washer 6	56	X58737001	XPM lead wire assembly			
25	X58721001	Y tension pulley plate assembly	57	X58738001	YPM lead wire assembly			
			58	541007001	Washer			
26	052300606	Washer 3 × 6	59	124240001	Bind			
27	X58271001	Y carriage						
28	X58272000	Y slider						
29	X58724001	Y shutter						
30	052300606	Screw 3 × 6						
31	X58725001	Notched spring						



(7) ACCESSORIES

Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name	Ref. No.	Parts No.	Parts Name
1	X58739001	Embroidery frame A2 assembly						
2	X56373101	Outside frame screw						
3	X59422001	Washer 3.1						
4	021300106	Nut 3						
5	X59351001	Machine cover (soft type)						
6	128369003	Accessory box						
7	122992001	Brush						
8	184783001	Scissors						
9	X54243001	Ripper						
10	130012003	Spool presser A						
11	X53666001	Screwdriver						
12	X59535001	Needle set						
13	X56942002	Embroidery sheet assembly						
14	X80309001	Bobbin						
15	130013003	Spool presser B						
16	130920051	Assist spool stand bar						
17	127610000	Net						
18	XA0181051	Machine cover						

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