

# **VX970 PARTS LIST**

REF. NO.	PARTS NO.	PARTS NAME	REF. NO.	PARTS NO.	PARTS NAME
1	138629104	FACE PLATE	35	X00211011	STITCH REGULATING DIAL SHAFT ASSEMBLY
2	062671614	SCREW	36	123586001	SPRING WASHER
3	025350134	WASHER	37	X00213000	F SLIDE GEAR
4	130128001	WASHER	38	048040346	STOP RING
5	X53169050	BAND	39	X00214009	F SLIDER
6	X50418001	BH STOPPER PLATE	40	X00216001	SLIDE SHAFT
7	062670612	SCREW	41	X00134009	NEEDLE POSITION SLIDER
8	138630112	FACE PLATE DECORATION PLATE	42	062670412	SCREW
9	123518001	STOP RING	43	X00132001	SLIDE SHAFT HOLDER
10	X54905051	FACE PLATE DECORATION SHEET	44	048030346	STOP RING
11	X50809001	SEW LIGHT ASSEMBLY	45	X00133009	Z SLIDER
12	X50810101	SEW LIGHT SWITCH ASSEMBLY	46	048030346	STOP RING
13	X50229001	LAMP SOCKET	47	X00135000	SPRING PRESSER PLATE
14	X50228081	SEW LIGTH BULB	48	123586001	SPRING WASHER
15	X00138101	ECCENTRIC STUD	49	X50169007	CONTROL FRAME BODY
16	X00136101	ZIGZAG CONNECTING ROD ASSEMBLY	50	062680812	SCREW
17	124503002	SPRING	51	039280615	SCREW
18	048030346	STOP RING	52	040280615	SCREW
19	X52156000	ROLLER	53	138668011	DECORATION PLATE BASE
20	062670612	SCREW	54	137336001	PATTERN CAM SHAFT
21	062680812	SCREW	55	048060346	STOP RING
22	X50419151	LAMP HOLDER	56	137323101	PATTERN CAM ASSEMBLY
23	X54622054	FRAME ASSEMBLY	57	137324101	PATTERN CAM
24	X00125001	ZIGZAG ADJUSTING LEVER ASSEMBLY	58	137334000	IDLE CAM
25	048090346	STOP RING	59	137333000	BH CAM
26	X50270001	ZIGZAG LINK ASSEMBLY	60	137328000	BH CAM
27	048030346	STOP RING	61	137326000	FEED CONTROL CAM
28	X00130001	ZIGZAG WIDTH CONTROL PLATE, L	62	137335000	SS CAM
29	X00129001	ZIGZAG WIDTH CONTROL PLATE, R	63	128491051	WASHER
30	025660132	WASHER	64	X50272101	COLLAR
31	124303001	SPRING WASHER	65	137073001	STITCH REGULATING DIAL SHAFT JOINT
32	062660614	SCREW	66	060672512	SCREW
33	062670412	SCREW	67	025350132	WASHER
34	X00215001	F SLIDER GUIDE	68	137063001	CAM STOPPER

REF. NO.	PARTS NO.	PARTS NAME	REF. NO.	PARTS NO.	PARTS NAME
69	120454051	STOP RING	103	135337006	CARRYING HANDLE
70	025350332	WASHER	104	103366001	FELT
71	048030346	STOP RING	105	188058001	SPOOL PIN
72	062670812	SCREW	106	188059001	SPOOL PIN STAND
73	X50274001	FEED ADJUSTING ARM	107	136937051	SCREW
74	X50275001	FEED CONTROL CAM ROD	108	062671614	SCREW
75	062671012	SCREW	109	121846051	BOBBIN PRESSER
76	X54234151	FINGER SHAFT ASSEMBLY	110	121857001	NUT
77	120258051	SCREW	111	189908001	STOP RING
78	X54237051	FINGER FRAME	112	188060001	SPRING
79	137191001	STOP RING	113	049500145	SPEED NUT
80	120258051	SCREW	114	135338001	CARRYING HANDLE SHAFT
81	137352001	BH FINGER ASSEMBLY	115	117851001	WASHER
82	137027001	SPRING	116	048030346	STOP RING
83	137358000	BHZ FINGER ASSEMBLY	117	062670612	SCREW
84	X54235151	Z FINGER FRAME	118	121857001	NUT
85	137359001	SPRING	119	120263051	STUD SCREW
86	120258051	SCREW	120	X00140051	BOBBIN WINDER ASSEMBLY
87	021670102	NUT	121	125928000	SPRING
88	021670102	NUT	122	X00141001	BOBBIN WINDER BRACKET ASSEMBLY
89	021660102	NUT	123	048050346	STOP RING
90	X54239051	RELEASE LEVER	124	X00142001	WASHER
91	137362001	FINGER SHAFT	125	123661001	SPRING
92	X54241051	ZIGZAG ADJUSTING ARM	126	120448001	BOBBIN WINDER RUBBER RING
93	120258051	SCREW	127	130094001	BOBBIN WINDER SUPPORTING PLATE
94	021660102	NUT	128	136681001	SCREW
95	025350132	WASHER	129	021680202	NUT
96	028350243	SPRING WASHER	130	X50132001	FEED ADJUSTING LEVER ASSEMBLY
97	136982001	SCREW	131	X50133001	FEED ADJUSTING LEVER
98	137363001	SPRING	132	X00187001	SPRING
99	138628005	TOP COVER	133	048030346	STOP RING
100	062671004	SCREW	134	135395001	FEED ADJUSTING LEVER SUPPORTER
101	130894001	BOBBIN WINDER THREAD GUIDE ASSEMBLY	135	062670612	SCREW
102	X00155001	TOP COVER THREAD GUIDE	136	X00188007	REVERSE SEWING BUTTON

REF. NO.	PARTS NO.	PARTS NAME	REF. NO.	PARTS NO.	PARTS NAME
137	127454051	STOP RING	171	130897001	SPRING
138	X50127001	FEED REGULATOR ADJUSTING PLATE	172	138473001	SPRING
139	021660102	NUT	173	129569051	STUD SCREW
140	136150001	SCREW	174	X00166001	F SELECTING LEVER A ASSEMBLY
141	X50167001	FEED REGULATOR ASSEMBLY	175	102571053	NUT
142	123547000	FEED REGULATOR STUD	176	123645051	SCREW
143	062681212	SCREW	177	100043003	STOP MOTION KNOB SCREW
144	X00192001	SPRING	178	138652005	STOP MOTION KNOB
145	048030346	STOP RING	179	125096051	WASHER
146	137313001	FEED ADJUSTING BAR ASSEMBLY	180	X50792051	STOP MOTION WASHER
147	102571053	NUT	181	138635004	BALANCE WHEEL
148	025680232	WASHER	182	130944051	BELT
149	128507001	COLLAR	183	120438001	PIN
150	113431002	WASHER	184	131030000	BALANCE WHEEL BUSHING
151	128506001	SPRING	185	131189050	UPPER SHAFT BUSHING, R
152	103813001	WASHER	186	128433000	UPPER SHAFT
153	118519081	WASHER	187	151605001	SCREW
154	128461001	CRANK ROD ASSEMBLY	188	130081000	FEED CAM
155	129991001	STUD	189	151602001	WASHER
156	048050346	STOP RING	190	137301001	WORM
157	048050346	STOP RING	191	101706003	SET SCREW
158	129991001	STUD	192	132951000	SET COLLAR
159	130870001	FORKED CONNECTING ROD	193	188440005	WASHER
160	115234001	SLIDE BLOCK ASSEMBLY	194	131188050	UPPER SHAFT BUSHING, L
161	100067051	SLIDE BLOCK STUD	195	060680503	SCREW
162	100066001	SLIDE BLOCK	196	101706003	SCREW
163	124616000	WASHER	197	X54013051	SCREW
164	048070346	STOP RING	198	129559151	SCREW
165	X00230001	STUD SHAFT	199	124614000	ECCENTRIC COUNTER WEIGHT
166	X00168001	F SELECTING LEVER, B	200	151604001	SCREW
167	X00164151	Z SELECTING LEVER ASSEMBLY	201	X53511051	THREAD TAKE-UP LEVER ASSEMBLY
168	102571053	NUT	202	120582001	NEEDLE BAR CRANK
169	123645051	SCREW	203	129919151	NEEDLE BAR CRANK ROD ASSEMBLY
170	124246051	STOP RING	204	129920050	NEEDLE BAR CRANK ROD

REF. NO.	PARTS NO.	PARTS NAME	REF. NO.	PARTS NO.	PARTS NAME
205	120109051	NEEDLE BAR CLAMP	239	129569051	STUD SCREW
206	120108005	NEEDLE BAR CLAMP STUD	240	138654001	PRESSER BAR BRACKET
207	100366052	SCREW	241	151605001	SCREW
208	100507050	METAL PLATE	242	130948000	PRESSER BAR
209	132051052	SCREW	243	X50848001	PRESSER FOOT HOLDER
210	136997001	BH SPRING	244	X53667051	THUMB SCREW
211	137337001	BH STOPPER ASSEMBLY	245	138135001	ZIGZAG PRESSER FOOT
212	062670612	SCREW	246	X52433261	UPPER TENSION COMPLETE
213	062670612	SCREW	247	X52438050	TENSION CONTROL NUT
214	025350332	WASHER	248	X53015051	TENSION SPRING
215	136996001	BH NOTCHED SPRING	249	X53166050	TENSION CONTROL BUSHING
216	062670612	SCREW	250	X00151001	THREAD TAKE-UP SPRING
217	136994251	BH CHANGE ARM	251	X00150001	TENSION DISC WASHER
218	120653001	CORD BUSH	252	139262001	TENSION DISC
219	136995001	BH CHANGE SHAFT	253	X52436051	TENSION CONTROL STUD
220	048020346	STOP RING	254	X52434061	TENSION CONTROL KNOB
221	025350132	WASHER	255	X50065051	SCREW
222	120454051	STOP RING	256	129560001	NEEDLE BAR SUPPORTER STUD
223	048050346	STOP RING	257	048050346	STOP RING
224	X50396001	BH SWITCH HOLDER	258	X52900051	SCREW
225	060630312	SCREW	259	021680202	NUT
226	137001001	SPRING	260	128599001	NEEDLE BAR SUPPORTER
227	062670612	SCREW	261	136872151	NEEDLE BAR
228	X50170151	BH LEVER ASSEMBLY	262	123185001	SCREW
229	131428001	BH LEVER PLATE	263	120110051	SPRING
230	X50828001	BH SWITCH ASSEMBLY	264	100139051	SCREW
231	062020416	SCREW	265	128391001	NEEDLE BAR THREAD GUIDE
232	048050346	STOP RING	266	129627051	NEEDLE CLAMP
233	138655001	PRESSER FOOT LIFTER	267	131226051	NEEDLE CLAMP SCREW
234	138656151	STUD SCREW	268	100028014	NEEDLE #14
235	130869001	PATCH-O-MATIC PRESSER ADJUSTER	269	130967001	NEEDLE PLATE ASSEMBLY
236	138653001	PRESSER BAR SPRING	270	130936001	NEEDLE PLATE
237	062671004	SCREW	271	116587001	NEEDLE PLATE SPRING, R
238	X00153001	TENSION RELEASER	272	125139001	SCREW

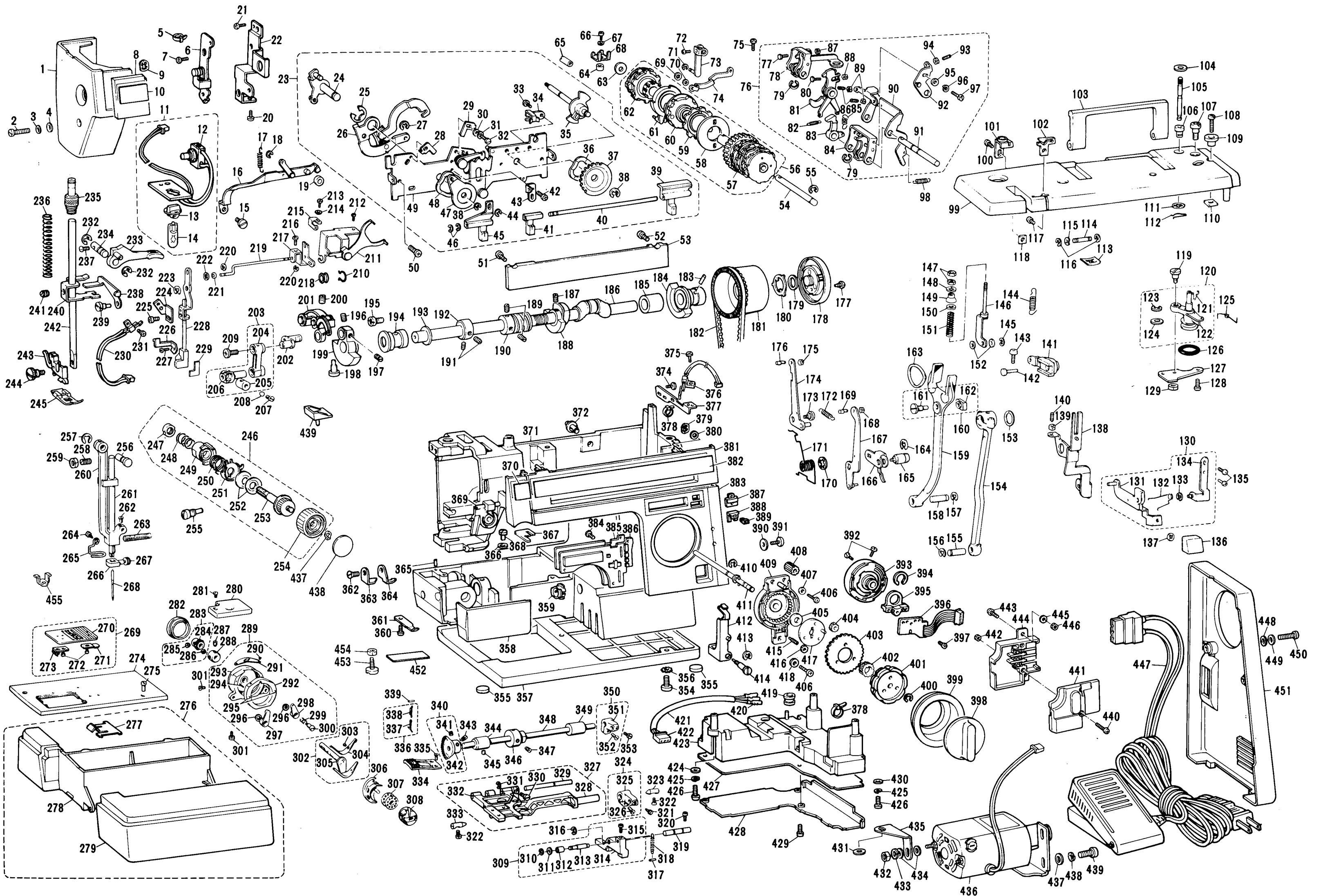
REF. NO.	PARTS NO.	PARTS NAME	REF. NO.	PARTS NO.	PARTS NAME
273	116588001	NEEDLE PLATE SPRING, L	307	X52800050	BOBBIN
274	124610015	UPPER PLATE	308	128582083	BOBBIN CASE ASSEMBLY
275	062671004	SCREW	309	X54618051	VERTICAL FEED ASSEMBLY
276	138643105	ACCESSORY TABLE ASSEMBLY	310	048030346	STOP RING
277	138644051	ACCESSORY TABLE NOTCHED SPRING	311	100579003	WASHER
278	138633105	ACCESSORY TABLE	312	123865000	VERTICAL FEED ROLLER
279	138634105	ACCESSORY TABLE COVER	313	130875001	VERTICAL FEED ROLLER SHAFT
280	139100001	GEAR COVER	314	130874001	VERTICAL FEED ARM
281	062670612	SCREW	315	120990001	SCREW
282	116577001	COVER	316	048050342	STOP RING
283	X54513051	SHUTTLE DRIVER SHAFT GEAR ASSEMBLY	317	100175000	PIN
284	X54514051	SHUTTLE DRIVER SHAFT GEAR	318	118352051	SPRING
285	106288002	SCREW	319	130876000	VERTICAL FEED SHAFT
286	151602001	SCREW	320	120990051	SCREW
287	014680422	SCREW	321	131331051	SCREW
288	131454001	SET COLLAR	322	014500522	SCREW
289	128468251	SHUTTLE RACE ASSEMBLY	323	102436001	TAPER POINT STUD
290	125514001	SCREW	324	129893051	HORIZONTAL FEED SHAFT ARM ASSEMBLY
291	128473001	SHUTTLE RACE TOP SPRING	325	129894051	HORIZONTAL FEED SHAFT ARM
292	128471001	SHUTTLE RACE RING	326	062681212	SCREW
293	128469201	SHUTTLE RACE BODY	327	X54205051	HORIZONTAL FEED SHAFT ASSEMBLY
294	102927000	PIN	328	X50166150	HORIZONTAL FEED SHAFT
295	128472001	PIN	329	120997050	FEED BAR SHAFT
296	122977001	WASHER	330	014400632	SCREW
297	128474001	SET LEVER, L	331	048040346	STOP RING
298	128475001	SET LEVER, R	332	130872050	FEED BAR
299	128476001	SPRING	333	116605001	TAPER POINT STUD
300	128477001	STUD SCREW	334	129373051	FEED DOG
301	121007051	SCREW	335	100080003	SCREW
302	128465001	SHUTTLE DRIVER ASSEMBLY	336	181779001	SPRING HANGER ASSEMBLY
303	121632001	SCREW	337	120998001	SPRING HANGER
304	122429001	SHUTTLE DRIVER SPRING	338	503154001	SPRING
305	128466001	SHUTTLE DRIVER	339	102927000	PIN
306	128581001	SHUTTLE HOOK	340	X54511051	LOWER SHAFT GEAR ASSEMBLY

REF. NO.	PARTS NO.	PARTS NAME	REF. NO.	PARTS NO.	PARTS NAME
341	151602001	SCREW	375	062260516	SCREW
342	X54512051	LOWER SHAFT GEAR	376	X50831001	BOBBIN WINDER SWITCH ASSEMBLY
343	131139051	SCREW	377	X50215001	SWITCH HOLDER
344	131191050	LOWER SHAFT BUSING, L	378	X53169050	BAND
345	151604001	SCREW	379	123518001	STOP RING
346	130877050	VERTICAL FEED CAM	380	025040335	WASHER
347	X54013051	SCREW	381	X00203005	ARM DECORATION PLATE
348	124633000	LOWER SHAFT	382	X54903051	ARM DECORATION SHEET A
349	131190050	LOWER SHAFT BUSHING, R	383	X50386005	ARM PANEL
350	129624001	LOWER SHAFT CRANK ASSEMBLY	384	037280615	SCREW
351	129625001	LOWER SHAFT CRANK	385	X50844001	INSULATION SHEET
352	062681412	SCREW	386	X50822001	LCD UNIT ASSEMBLY
353	120990001	SCREW	387	X50388101	MESSAGE KEY TOP
354	060711212	SCREW	388	X50389001	LCD CONTRAST HOLDER
355	130157051	RUBBER CUSHION FOR BASE PLATE	389	X50390001	LCD CONTRAST KEY
356	027050226	WASHER	390	025350235	WASHER
357	X51161002	BASE PLATE	391	060670802	SCREW
358	130848012	HINGED DOOR	392	062670612	SCREW
359	130963004	GUIDE RING	393	X54263051	SELECTING CAM
360	060670406	SCREW	394	X50423001	STOP RING
361	137646001	SPRING	395	X50410000	SWITCH HOLDER
362	131337001	SCREW	396	X50824001	PATTERN SELECTING SWITCH ASSEMBLY
363	120340051	THREAD GUIDE	397	037200616	SCREW
364	120339051	THREAD GUIDE	398	X50397002	PATTERN SELECTING DIAL
365	129180051	SPRING PIN	399	X50400005	SELECTING DIAL FRAME
366	025350132	WASHER	400	048050346	STOP RING
367	X00154001	THREAD GUIDE	401	X51223000	RELEASE CAM
368	062670612	SCREW	402	132865000	DRIVE GEAR
369	047413650	SPRING PIN	403	X50416101	GEAR 44
370	X54909051	ARM DECORATION SHEET B	404	X51355000	IDLE GEAR
371	X50382252	ARM BED ASSEMBLY	405	128491051	WASHER
372	X50840002	ARM CAP	406	062670812	SCREW
373	X53526051	BED CAP	407	025350132	WASHER
374	062670612	SCREW	408	X50415000	GEAR

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409	X51357001	GEAR BOX FOR PATTERN SELECTING DIAL	443	060681204	SCREW
410	048050346	STOP RING	444	138596001	3-P SOCKET BODY
411	X50404101	PATTERN SELECTING DIAL SHAFT ASSEMBLY	445	025680133	WASHER
412	X50412101	RELEASE LEVER ASSEMBLY	446	021680106	NUT
413	048050346	STOP RING	447	X54143051	CONTROLLER COMPLETE
414	X00163001	RELEASE LEVER SHAFT	448	130128001	WASHER
415	X50402001	SCREW	449	025350134	WASHER
416	021670102	NUT	450	062671614	SCREW
417	X51353001	GEAR HOLDER ASSEMBLY	451	138631104	BELT COVER
418	025350332	WASHER	452	X53188051	MACHINE NUMBER PLATE
419	120681001	CORD BUSHING	453	X50372101	ADJUSTING SCREW
420	138598050	SOCKET PIN	454	102571003	NUT
421	X50836001	TUBE	455	125161080	NEEDLE GUIDE PLATE
422	X50908001	LEAD WIRE ASSEMBLY			
423	X50794001	POWER SUPPLY UNIT CASE			
424	025350132	WASHER			
425	028350242	SPRING WASHER			
426	062673012	SCREW			
427	X50814051	POWER SUPPLY UNIT ASSEMBLY			
428	X50795001	POWER SUPPLY UNIT COVER			
429	040261215	SCREW			
430	026350232	WASHER			
431	025040335	WASHER			
432	202426002	NUT			
433	028040242	SPRING WASHER			
434	102707083	WASHER			
435	130945001	MOTOR SUPPORT PLATE			
436	X54142051	MOTOR COMPLETE			
437	048040142	STOP RING			
438	X52419064	TENSION CONTROL KNOB PLATE			
439	537235001	SCREW			
440	062301605	SCREW			
441	138597001	3-P SOCKET COVER			
442	021300106	NUT			



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