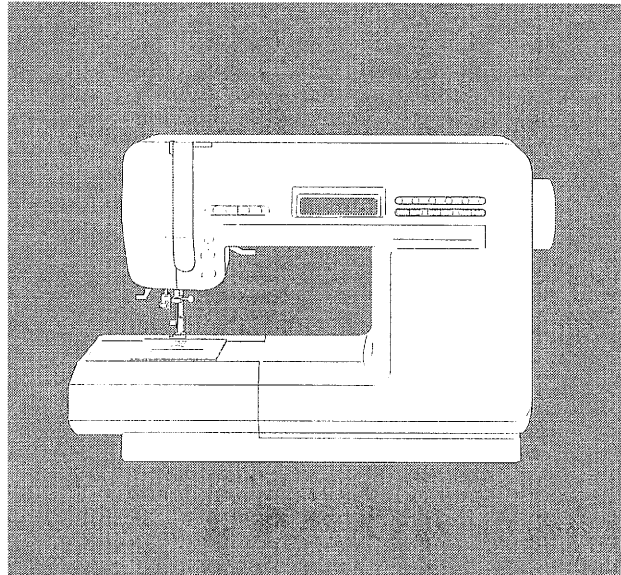


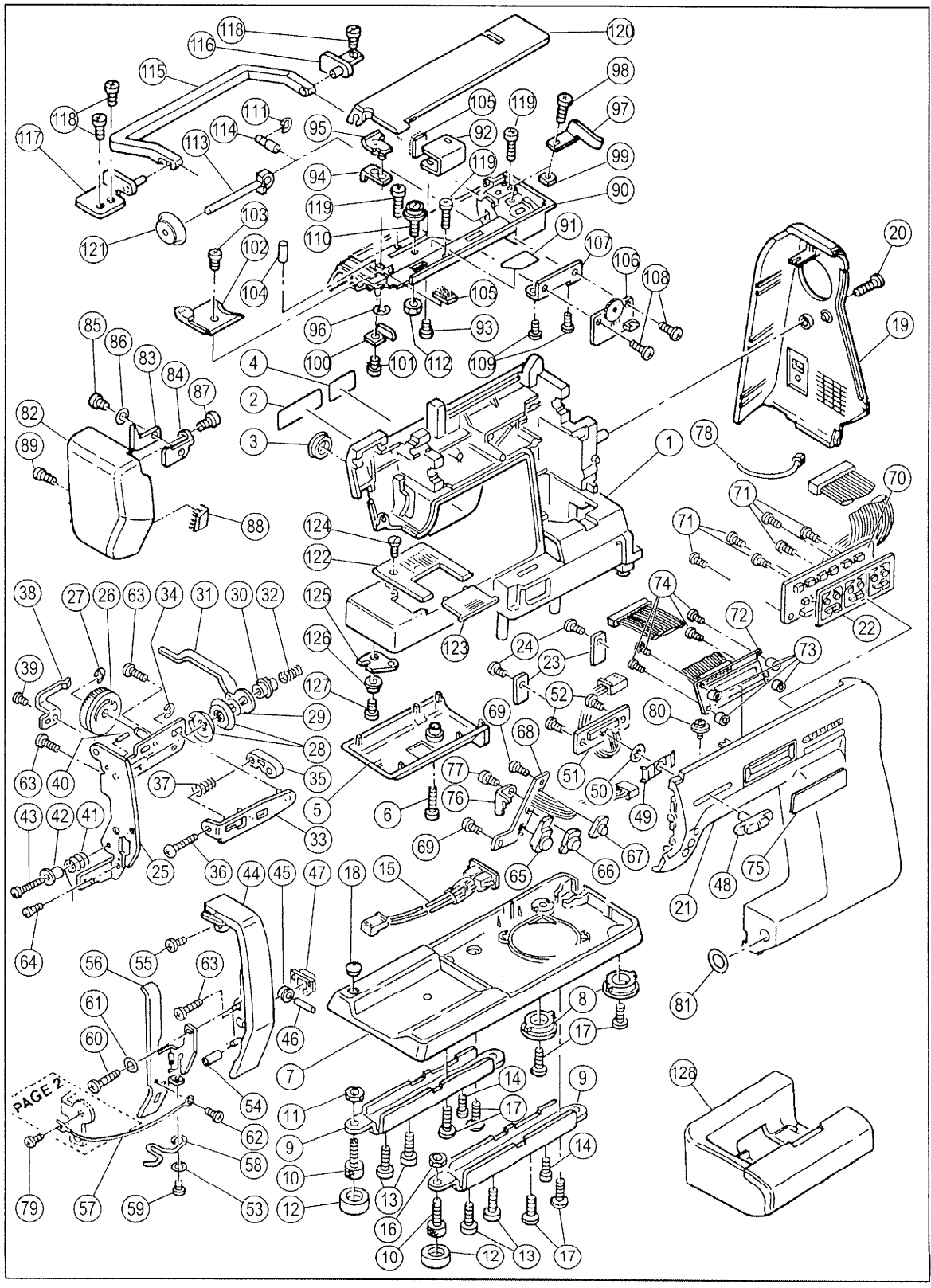
SPARE PARTS LIST

XL-3400

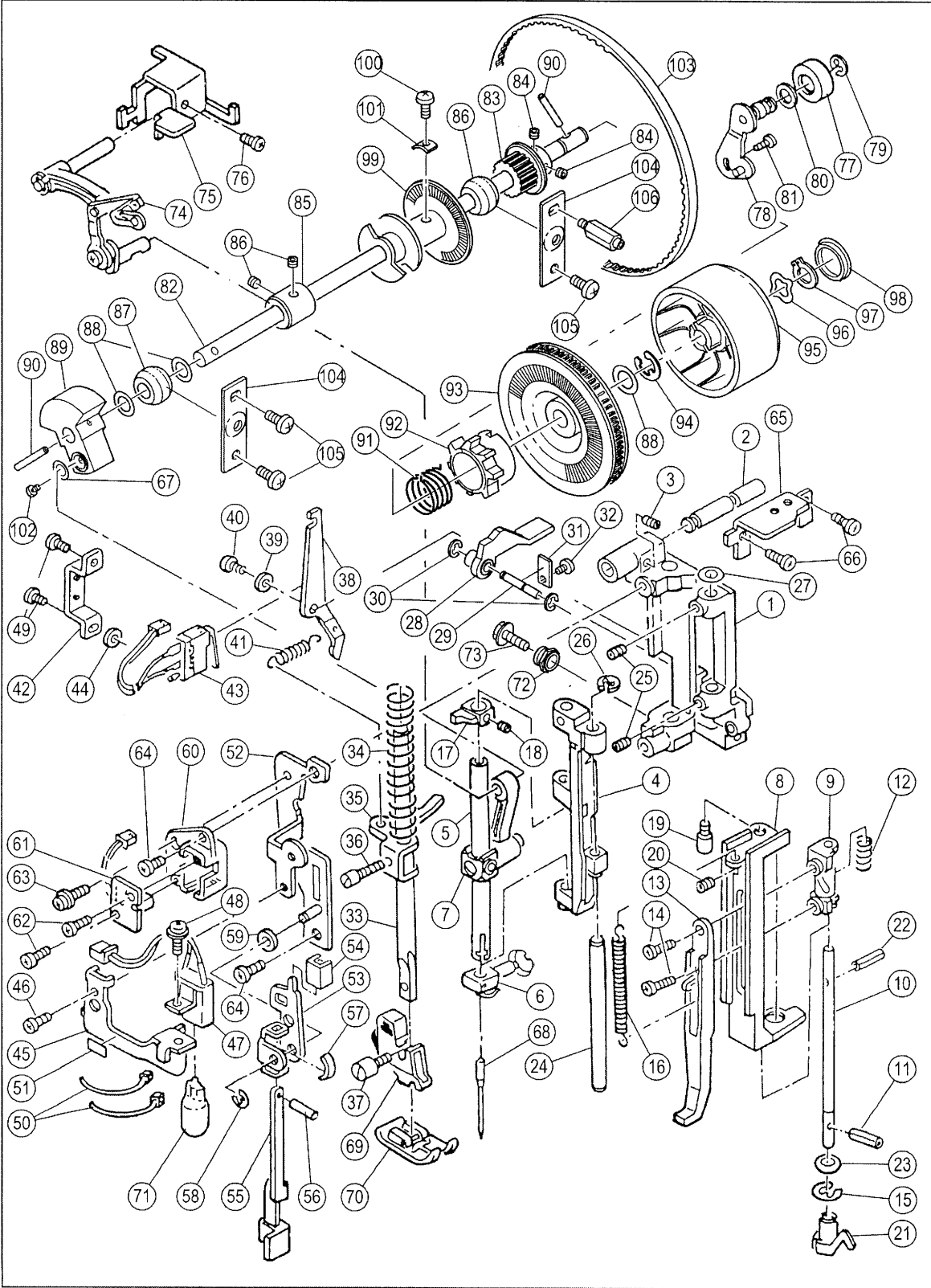


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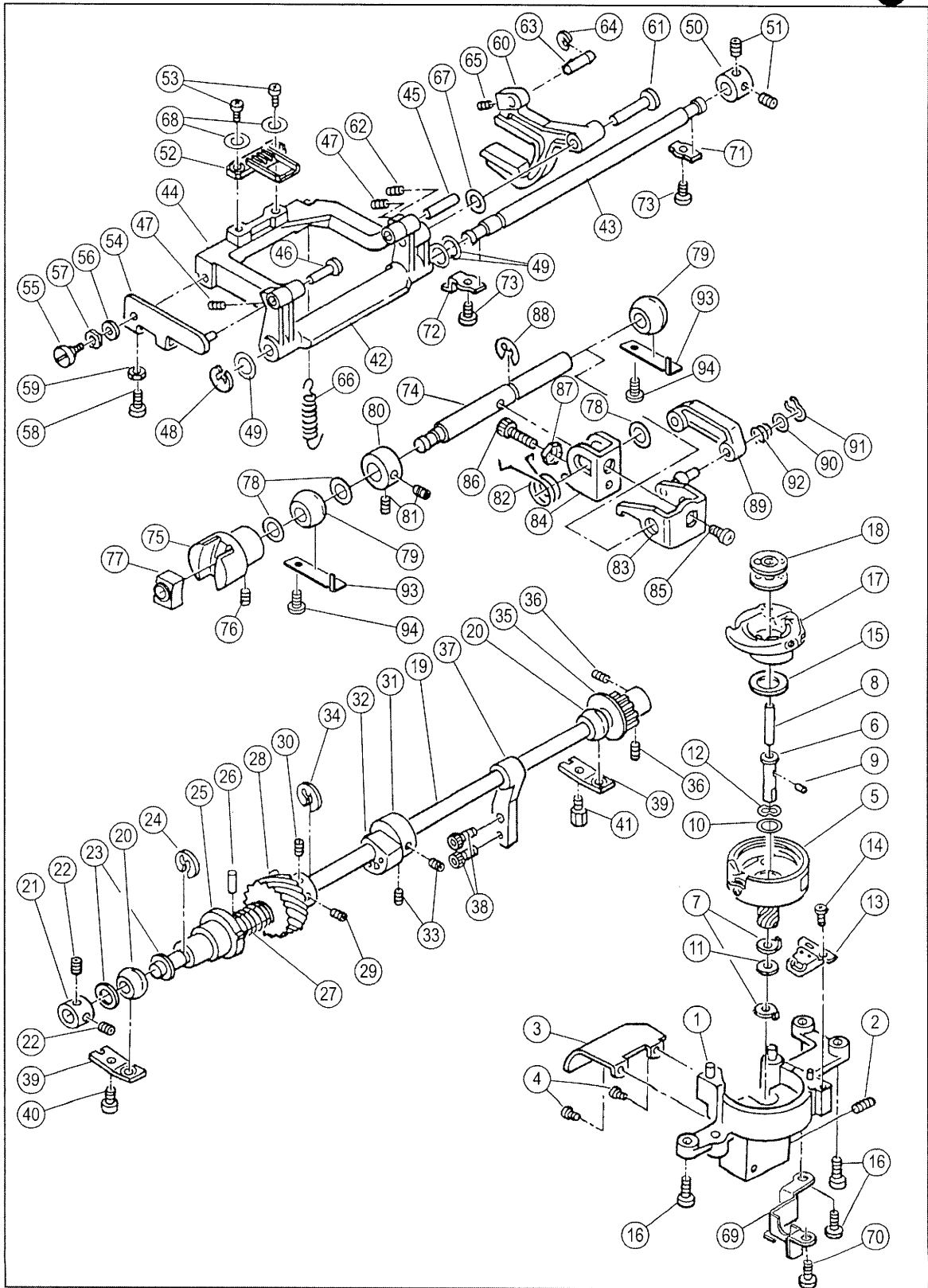
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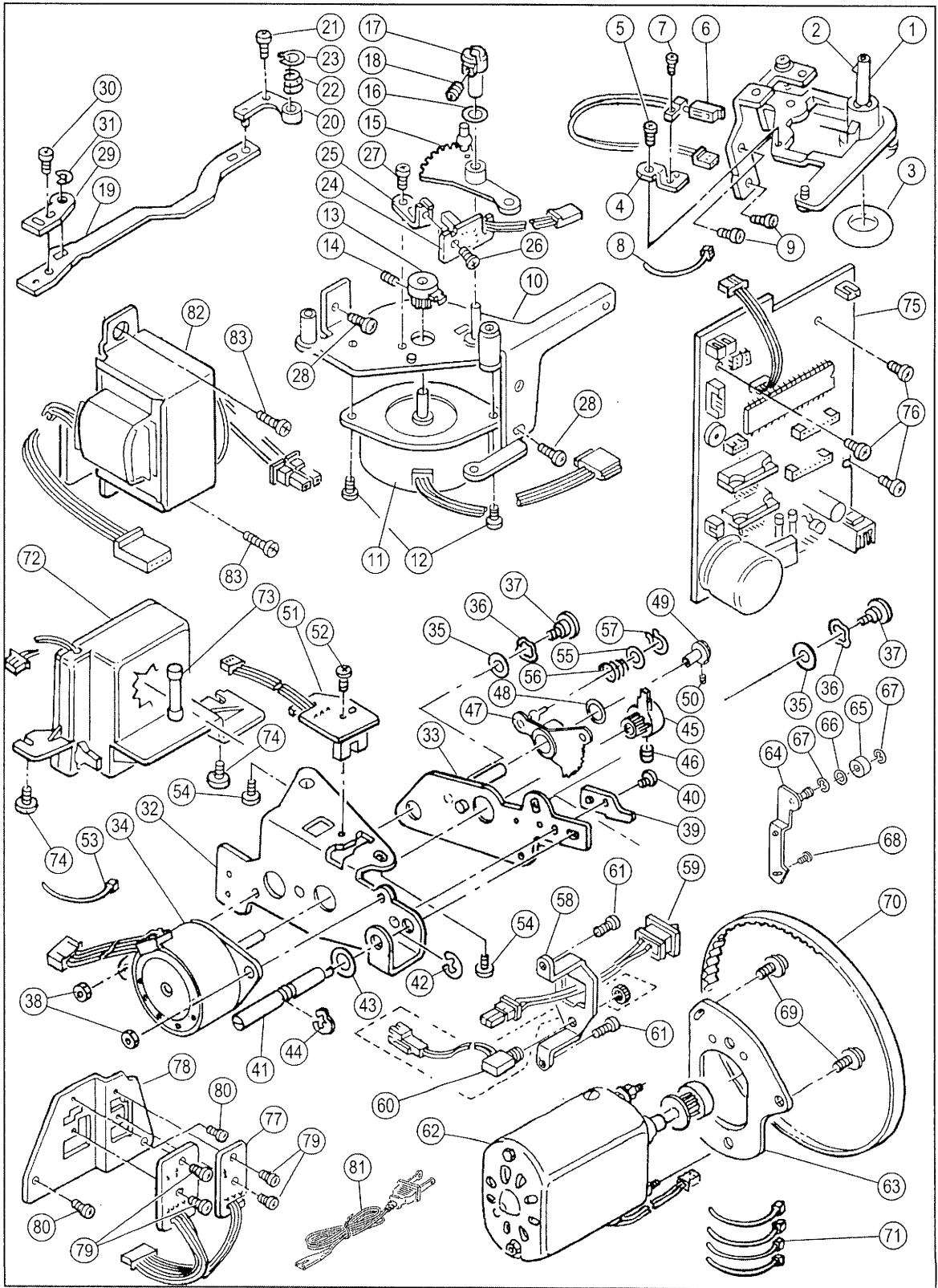
RefN.	PartNo.	NameofPart	RefN.	PartNo.	NameofPart
1	HP30900	Arm/Bed	65	HP30941	Start Stop Switch Key-top
2	HP32523	Electrical Rating Label	66	HP30942	Reverse Key-top
3	HP30911	Arm Cap	67	HP30943	Needle Up-down Key-top
4	HP32524-2	Lalbel for Manacture Location	68	HP31200	Switches Assy.
5	HP30902	Bed Cap	69	HP30271	Set Screw
6	HP31831	Set Screw	70	HP31201	Switches Assy.
#	HP32439	Base Assy.(Incl.7-16)	71	HP30271	Set Screw
7	HP31215	Base	72	HP32442	L.C.D.Board Assy.
8	HP30906	Rubber Foot (A)	73	HP32056	Spacer
9	HP30905	Base Supporting Plate	74	HP32441	Set Screw
10	HP30908	Rubber Foot Adjusting Screw	75	HP31203	Display Panel
11	HP91648	Nut	76	HP30947	Switch Assy. Supporting Plate
12	HP30907	Rubber Foot (B)	77	HP30271	Set Screw
13	HP30123	Set Screw	78	HP11380	Cord Band
14	HP11167	Set Screw	79	HP 2890	Set Screw
15	HP32008	Socket Assy.	80	HP31581	Set Screw
16	HP 2654	Nut	81	HP31835	Guide Plate for Stitch Balance
17	HP31291	Set Screw	#	HP30950-2	Face Plate Assy.(Incl.82-88)
18	HP91365-2	Cap	82	HP30951-2	Face Plate
19	HP31218	Side Cover	#	HP30955	Thread Cutter Assy.(Incl.83-86)
20	HP90810	Set Screw	83	HP30953	Thread Cutter
#	HP32440-3	Front Cover Assy.(Incl.21-78)	84	HP30954	Cutter Supporting Plate
21	HP31925-3	Front Cover	85	HP11697-B	Set Screw
22	HP31188	Key Top	86	HP31578	Washer
23	HP30040	Presser Foot Lifter Fulcrum Shaft Holder	87	HP30271	Set Screw
24	HP30271	Set Screw	88	HP30659	Thread Guide Brush
#	HP30925-2	Thread Tension Regulator(Incl.25-40)	89	HP90810	Set Screw
25	HP30927	Thread Tension Base	#	HP31204-2	Unit Cover Assy.(Incl.90-117)
26	HP30926-2	Thread Tension Dial	90	HP30981-4	Unit Cover
27	HP 7492	Snap Ring	91	HP30984-2	Thread Guide Sticker
28	HP30928	Thread Tension Disc	92	HP30982	Thread Guide (A)
29	HP30044	Washer	93	HP30271	Set Screw
30	HP30154	Tension Collar	94	HP30985	Thread Guide (B)-1
31	HP30929	Thread Tension Releasing Plate	95	HP30986	Thread Guide (B)-2
32	HP30931	Thread Tension Spring	96	HP12149	Snap Ring
33	HP30930	Thread Tension Plate	97	HP30993	Bobbin Winder Limiting Plate
34	HP 7221	Snap Ring	98	HP11167-B	Set Screw
35	HP30813	Thread Regulator Arm	99	HP30300	Nut
36	HP12645-B	Set Screw	100	HP30990	Thread Guide (C)
37	HP30814	Spring for Thread Tension Plate	101	HP30271	Set Screw
38	HP30933	Thread Tension Dial Spring	102	HP30991	Thread Guide Cover
39	HP11697-B	Set Screw	103	HP31244	Set Screw
40	HP30261-1	Spring Pin	104	HP30261-1	Spring Pin
41	HP30936	Thread Check Spring	105	HP31008	Thread Guide Brush
42	HP30821	Thread Check Spring Sleeve	106	HP31205	Contrast Control Board Assy.
43	HP11431	Set Screw	107	HP31206	Contrast Control Bracket
44	HP30922	Thread Take Up Lever Cover	108	HP11697	Set Screw
45	HP30817	Thread Guide Roller	109	HP30271	Set Screw
46	HP30934	Thread Guide Roller Shaft	110	HP30995	Bobbin Winder Disc
47	HP31257	Thread Guide Roller Cover	111	HP60018	Snap Ring
48	HP31187	Speed Control Button	112	HP 2654	Nut
49	HP31209	Spring for Speed Control Button	113	HP31000	Spool Stand
50	HP12768	Push Nut	114	HP31001	Spool Stand Shaft
51	HP31199	Speed Control Lever Assy.	115	HP31002	Handle
52	HP30271	Set Screw	116	HP31003	Handle Hinge (R)
53	HP31578	Washer	117	HP31004	Handle Hinge (L)
54	HP30935	Thread Guide Spring Cushion	118	HP90810	Set Screw
55	HP 2890	Set Screw	119	HP11984-B	Set Screw
56	HP30937	Threading Guide Plate	120	HP30999-7	Flap
57	HP1D105	Cord for Static Electricity	121	HP30074	Thread Cap
58	HP30939	Thread Guide	122	HP30129-2	Needle Plate Assy.(Incl.123)
59	HP11697-B	Set Screw	123	HP30196	Bobbin Cover Plate
60	HP30938	Set Screw	124	HP30201	Needle Plate Set Screw
61	HP 3438	Washer	125	HP31019	Nut for Needle Plate
62	HP11697-B	Set Screw	126	HP30024	Collar
63	HP30123	Set Screw	127	HP91773	Set Screw
64	HP30271	Set Screw	128	HP31090	Extension Table Assy.



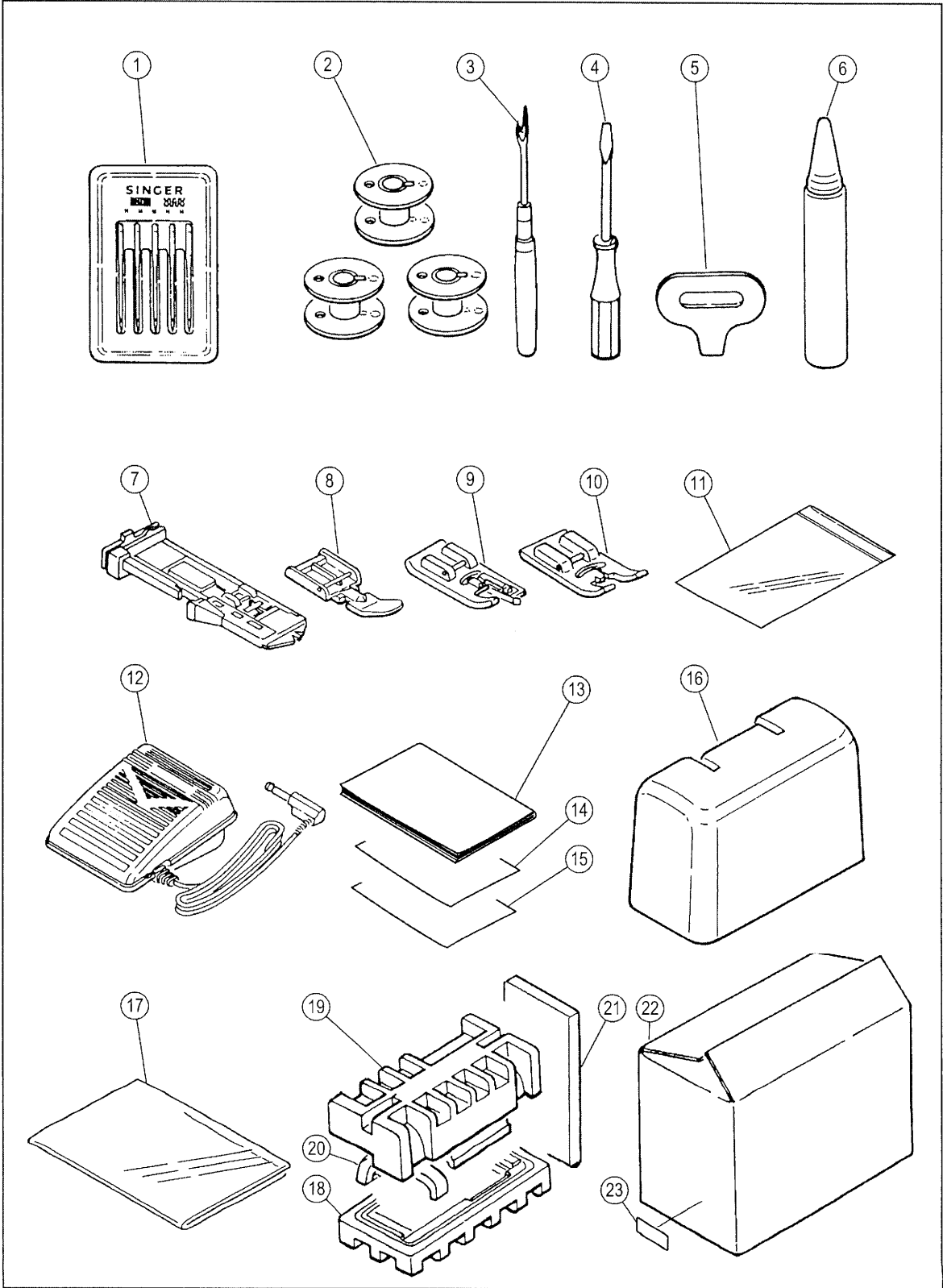
RefN.	PartNo.	NameofPart	RefN.	PartNo.	NameofPart
#	HP30958-2	Needle Bar Guide Bracket Assy.(Incl.1-64)	61	HP30977	BH Switch Circuit Board Assy.
1	HP30038-2	Needle Bar Guide Bracket	62	HP30271	Set Screw
2	HP30039	Needle Bar Guide Bracket Shaft	63	HP12886	Set Screw
3	HP30388	Set Screw	64	HP 2812	Set Screw
#	HP30960	Needle Bar Guide Assy.(Incl.4-23)	65	HP30959	Needle Bar Guide Bracket Plate
4	HP30966	Needle Bar Guide	66	HP 2812	Set Screw
#	HP31963	Needle Bar Assy.(Incl.5-6)	67	HP60254	Polyslider
5	HP31964	Needle Bar	68	HP 1208-S	Needle
6	HP31961	Needle Clamp	69	HP13235	Presser Foot Holder
7	HP30049	Needle Bar Clank Rod Assy.	70	HP30057	Zigzag Foot
8	HP30258	Threader Bracket	71	HP31082	Light Bulb
9	HP30259	Threader Holder	72	HP30979	Needle Point Adjusting Screw
10	HP30260	Threader Bar	73	HP30978	Needle Point Adjusting Rock Screw
11	HP30261-1	Spring Pin	74	HP30495	Thread Take-up Lever Assy.
12	HP13074	Threader Bar Spring	75	HP31010	Take-up Lever Base Pin plate
13	HP30262	Threader Lever	76	HP 2812	Set Screw
14	HP30271	Set Screw	#	HP31011	Belt Tension Assy.(Incl.77-80)
15	HP 7221	Snap Ring	77	HP91451	Belt Tension Wheel
16	HP30391	Threader Lever Spring	78	HP31013	Belt Tension Bracket
17	HP30263	Threader Bar Stopper	79	HP 7156	Snap Ring
18	HP 2894	Set Screw	80	HP11070	Washer
19	HP30264	Threader Bracket Shaft	81	HP 2812	Set Screw
20	HP30388	Set Screw	#	HP31015-2	Upper Shaft Assy.(Incl.82-102)
21	HP13075	Threader Hook Assy.	82	HP31463	Main Shaft
22	HP30261	Spring Pin	83	HP30087	Upper Shaft Pulley
23	HP30393	Washer	84	HP60466	Set Screw
24	HP30043	Needle Bar Guide Fulcrum Shaft	85	HP30085	Upper Shaft Collar
25	HP30388	Set Screw	86	HP60466	Set Screw
26	HP 4993	Snap Ring	87	HP30084	Upper Shaft Ball Bushing
27	HP10995	Polyslider	88	HP12005	Polyslider
28	HP30961	Presser Foot Lifter	89	HP30083	Balance Weight
29	HP30052	Presser Foot Lifter Fulcrum Shaft	90	HP 1474	Roll Pin
30	HP 4993	Snap Ring	91	HP30297-2	Spring for Auto-clutch
31	HP30040	Presser Foot Lifter Fulcrum Shaft Holder	92	HP30298	Cap for Auto-clutch Spring
32	HP 2890	Set Screw	93	HP30282	Belt Wheel
33	HP30054	Presser Bar	94	HP30045	Snap Ring
34	HP30053	Presser Spring	95	HP30280-C	Hand Wheel
35	HP30055	Presser Bar Guide Bracket	96	HP60923	Wave Washer
36	HP30056	Set Screw	97	HP30299	C-type Retaining Ring
37	HP13064	Presser Foot Thumb Screw	98	HP30281-C	Hand Wheel Cap
38	HP30023	Tension Release Connecting Plate	99	HP31016	STS Slit
39	HP30024	Collar	100	HP 2812	Set Screw
40	HP 2812	Set Screw	101	HP31021	Washer
41	HP30898	Spring	102	HPBS616	Set Screw
42	HP30852	Plate	103	HP30091	Timing Belt (Upper Shaft)
43	HP30963	Presser Foot Switch Assy.	104	HP31018	Upper Shaft Bushing Plate
44	HP12453	Washer	105	HP 2812	Set Screw
45	HP30964	Socket Holder	106	HP31020	Set Screw
46	HP 2840	Set Screw			
47	HP30965	Sewing Light			
48	HP12886	Set Screw			
49	HP 2802	Set Screw			
50	HP11380	Cord Band			
51	HP61834	Lamp Sticker			
#	HP30967	BH Base Plate Unit(Incl.52-63)			
52	HP30968	BH Base Plate			
53	HP30972	BH Plate			
54	HP30973	BH Connector			
55	HP30974	BH Lever			
56	HP30261-1	Spring Pin			
57	HP30975	BH Lever Plate			
58	HP 4993	Snap Ring			
59	HP11943	Washer			
60	HP30976	BH Switch Holder			



RefN.	PartNo.	NameofPart	RefN.	PartNo.	NameofPart
#	HP31039	Hook Race Assy.(Incl.1-14)	63	HP30172	Slide Block Shaft
1	HP31075	Hook Race Base	64	HP 4993	Snap Ring
2	HP30389	Set Screw	65	HP12544	Set Screw
3	HP30156	Gear Cover	66	HP30338	Feed Dog Base Spring
4	HP11167	Set Screw	67	HP60565-2	Polyslider
5	HP30113	Hook Race Assy.	68	HP31537	Polyslider
6	HP30131	Hook Race Shaft	69	HP32299	Hook for Spring
7	HP30133	Washer	70	HP 2890	Set Screw
8	HP30135	Oil Wick (1)	71	HP30173	Feed Shaft Holder (R)
9	HP30136	Oil Wick (2)	72	HP30174	Feed Shaft Holder (L)
10	HP10995	Polyslider	73	HP 2812	Set Screw
11	HP30134	Polyslider	#	HP31040-3	Feed Regulator Assy.(Incl.74-92)
12	HP32454	Wave Washer	74	HP31041	Feed Regulator Shaft
13	HP30139	Bobbin Holder Stopper Assy.	75	HP30188	Feed Regulator
14	HP11167	Set Screw	76	HP90932	Set Screw
15	HP30118	Magnet	77	HP30189	Feed Slide Block
16	HP10706	Set Screw	78	HP60254	Polyslider
17	HP30457	Bobbin Holder	79	HP30177	Ball Bush
18	HP30222	Bobbin	80	HP30178	Collar
#	HP31023	Lower Shaft Assy.(Incl.19-37)	81	HP30388	Set Screw
19	HP30176	Lower Shaft	82	HP31045	Feed Regulator Arm Spring
20	HP30177	Ball Bush	83	HP31042	Feed Regulator Arm
21	HP30178	Collar	84	HP31044	Feed Regulator Plate
22	HP12544	Set Screw	85	HP 2812	Set Screw
23	HP60254	Polyslider	86	HP31079	Feed Adjusting Screw
24	HP60204	Snap Ring	87	HP91648	Nut
25	HP30179	Feed Rocking Cam	88	HP60204	Snap Ring
26	HP30180	Pin	89	HP31046	F Connecting Rod
27	HP30181	Feed Rocking Cam Spring	90	HP31578	Washer
28	HP30182	Lower Shaft Gear	91	HP30345	Snap Ring
29	HP60466	Set Screw	92	HP12016	Spring
30	HP30805	Set Screw	93	HP32318	Ball Bushing Holder
31	HP30183	Feed Cam Collar	94	HP 2812	Set Screw
32	HP30184	Feed Cam			
33	HP90932	Set Screw			
34	HP60204	Snap Ring			
35	HP30185	Lower Shaft Belt Pulley			
36	HP60466	Set Screw			
37	HP31024	Lower Shaft Supporter			
38	HP30627	Set Screw			
39	HP30665	Ball Bushing Holder			
40	HP 2812	Set Screw			
41	HP30477	Set Screw			
#	HP30158	Feed Shaft Assy.(Incl.42-68)			
42	HP30159	Feed Shaft Guide			
43	HP30160	Feed Shaft			
44	HP30161	Feed Base			
45	HP30162	Feed Base Fulcrum Pin (Right)			
46	HP30163	Feed Base Fulcrum Pin (Left)			
47	HP12544	Set Screw			
48	HP 7492	Snap Ring			
49	HP12365	Polyslider			
50	HP30168	Feed Shaft Collar			
51	HP12544	Set Screw			
52	HP30164	Feed Dog			
53	HP 2334	Set Screw			
54	HP30165	Feed Driving Cam Follower			
55	HP30166	Cam Follower Hinge Screw			
56	HP 6277-4	Washer			
57	HP12006	Wave Washer			
58	HP30153	Set Screw			
59	HP13189	Nut			
60	HP30169	Forked Cam Follower			
61	HP30170	Forked Cam Follower Pin			
62	HP90932	Set Screw			



RefN.	PartNo.	NameofPart	RefN.	PartNo.	NameofPart
#	HP31022	Bobbin Winder Unit(Incl.1-8)	#	HP31220-2	Motor Assy.(Incl.62-68)
1	HP31025	Bobbin Winder Assy.(Incl.2-3)	62	HP30762-2	Motor
2	HP 7414-T	Bobbin Winder Shaft Spring	63	HP31081	Motor Bracket
3	HP 1352	Rubber Ring	#	HP31345	Belt Tension Wheel (Assy.)(Incl.64-67)
4	HP31038	Bobbin Winder Switch Bracket	64	HP31346	Belt Tension Bracket Assy.
5	HP11697	Set Screw	65	HP91451	Belt Tension Wheel
6	HP31030	Bobbin Winder Switch Assy.	66	HP11070	Washer
7	HP30603	Set Screw	67	HP 7156	Snap Ring
8	HP11380	Cord Band	68	HP 2890	Set Screw
9	HP 2812	Set Screw	69	HP 2903	Set Screw for Motor Bracket
#	HP31051	Z Pulse Motor Assy.(Incl.10-27)	70	HP31017	Timing Belt (Motor)
10	HP31052	Z Pulse Motor Bracket Assy.	71	HP11380	Cord Band
11	HP30375	Pulse Motor	72	HP31502	Motor Control Circuit Assy.(Incl.73)
12	HP31241	Set Screw	73	HPFU003	Fuse
13	HP31056	Pulse Motor Gear	74	HP 2812	Set Screw
14	HP30842	Set Screw	75	HP32443-2	C.P.U.Circuit Board Assy.
15	HP31057	Z Arm Assy.	76	HP12786	Set Screw
16	HP60254-2	Polyslider	#	HP31085	STS Sensor Bracket Assy.(Incl.77-79)
17	HP31060	Collar	77	HP31087	STS Sensor Circuit Board Assy.
18	HP30842	Set Screw	78	HP31088	STS Sensor Bracket
19	HP31061	Needle Bar Guide Rod	79	HP12786	Set Screw
20	HP31062	Z Arm Connecting Rod	80	HP 2812	Set Screw
21	HP12786	Set Screw	81	HP32014	Power Cord
22	HP12016	Spring	82	HP30899	Transformer
23	HP30345	Snap Ring	83	HP 2890	Set Screw
24	HP31063	Z Sensor Circuit Board			
25	HP31064	Z Sensor Bracket			
26	HP11697-B	Set Screw			
27	HP11697-B	Set Screw			
28	HP 2812	Set Screw			
29	HP30365	Needle Bar Guide Plate			
30	HP 2808	Set Screw			
31	HP 7221	Snap Ring			
#	HP31917	F Pulse Motor Assy.(Incl.32-53)			
32	HP31918	F Pulse Motor Bracket Assy.			
33	HP31920	Feed Balance Regulate Assy.			
34	HP30375	Pulse Motor			
35	HP 6277 -4	Washer			
36	HP31852	Wave Washer			
37	HP31923	Set Screw			
38	HP 2654	Nut			
39	HP31793	Feed Balance Set Plate			
40	HP 2890	Set Screw			
41	HP31935	Feed Balance Shaft			
42	HP 7492	Snap Ring			
43	HP 7781	Washer			
44	HP30210-53	Snap Ring			
45	HP31056	Pulse Motor Gear			
46	HP30842	Set Screw			
47	HP31073	F Arm Assy.			
48	HP60254-2	Polyslider			
49	HP31060	Collar			
50	HP30842	Set Screw			
51	HP31074	Feed Sensor Circuit Board Assy.			
52	HP11697-B	Set Screw			
53	HP11380	Cord Band			
54	HP 2812	Set Screw			
55	HP31578	Washer			
56	HP12016	Spring			
57	HP30345	Snap Ring			
#	HP31076	Terminal Bracket Assy.(Incl.58-60)			
58	HP31077	Terminal Bracket			
59	HP31078	Power Switch Assy.			
60	HP30704	Controller Cord Assy.			
61	HP 2812	Set Screw			



RefN.	PartNo.	NameofPart
#	HP31881	Accessory Set (Incl.1-11)
1	HP91782	Needle Set
2	HP30222	Bobbin
3	HP 2024	Seam Ripper
4	HP 2001-T	Screw Driver (S)
5	HP31089	Screw Driver (L)
6	HP13298	Oiler W/Oil
7	HP31093	Buttonhole Foot
8	HP90867	Zipper Foot
9	HP30244	Overcasting Foot
10	HP30217	Satin Stitch Foot
11	HP10800	Vinyl Bag for Accessories
12	HP31098-2	Foot Controller
13	HP32468	Instruction Manual(English/ Spanish/French)
14	HP32521	Warranty Card
15	HP32522	NPS Card
16	HP31095	Dust Cover
17	HP91861	Vinyl Bag for Machine
18	HP31096-1	Styroform
19	HP31096-2	Styroform
20	HP31096-3	Styroform
21	HP31414	Styroform
22	HP31226-3	Carton Box
23	HP31256-32	Serial No.Sticker