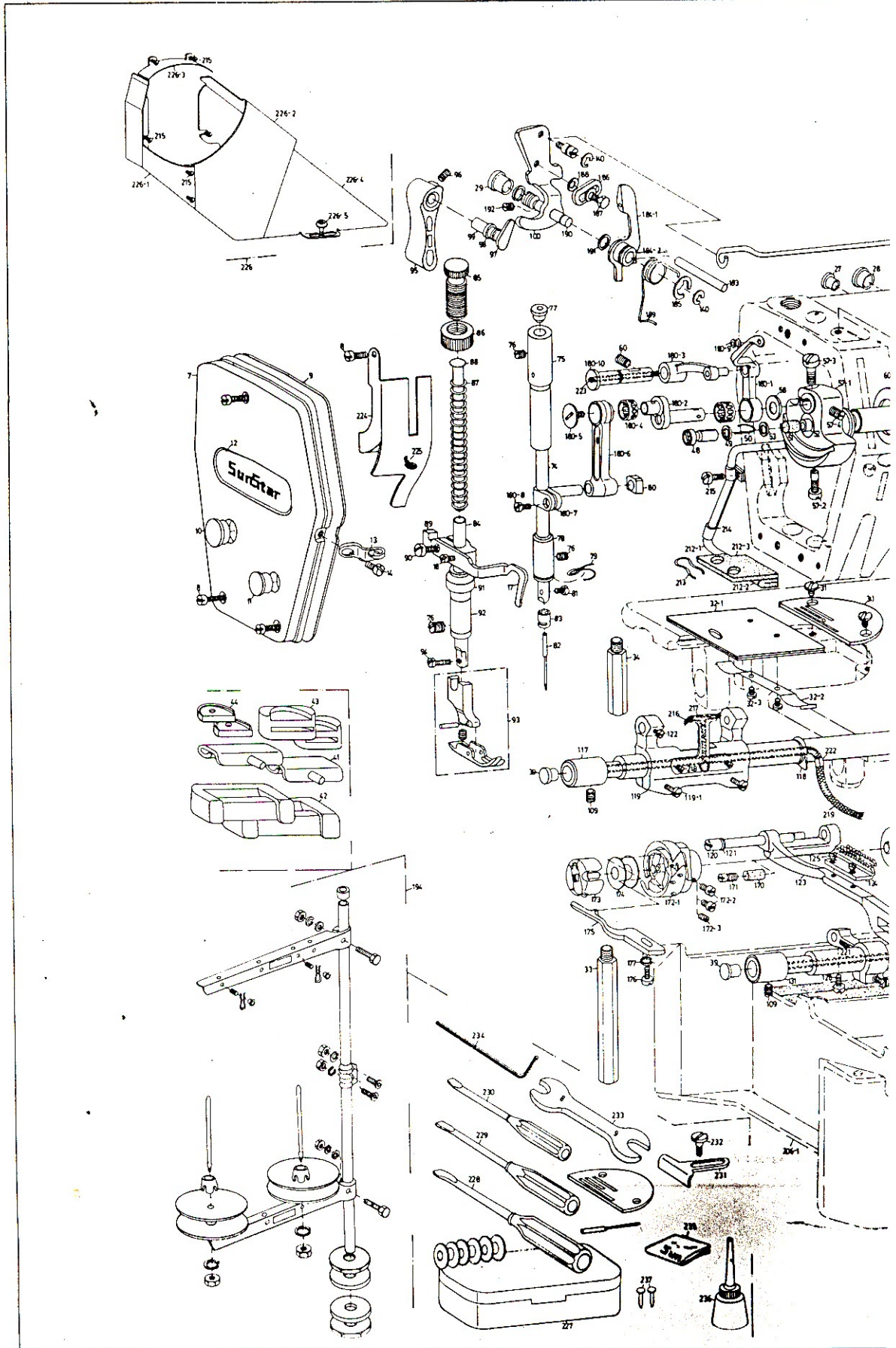


SUNSTAR

KM – 137 A/B

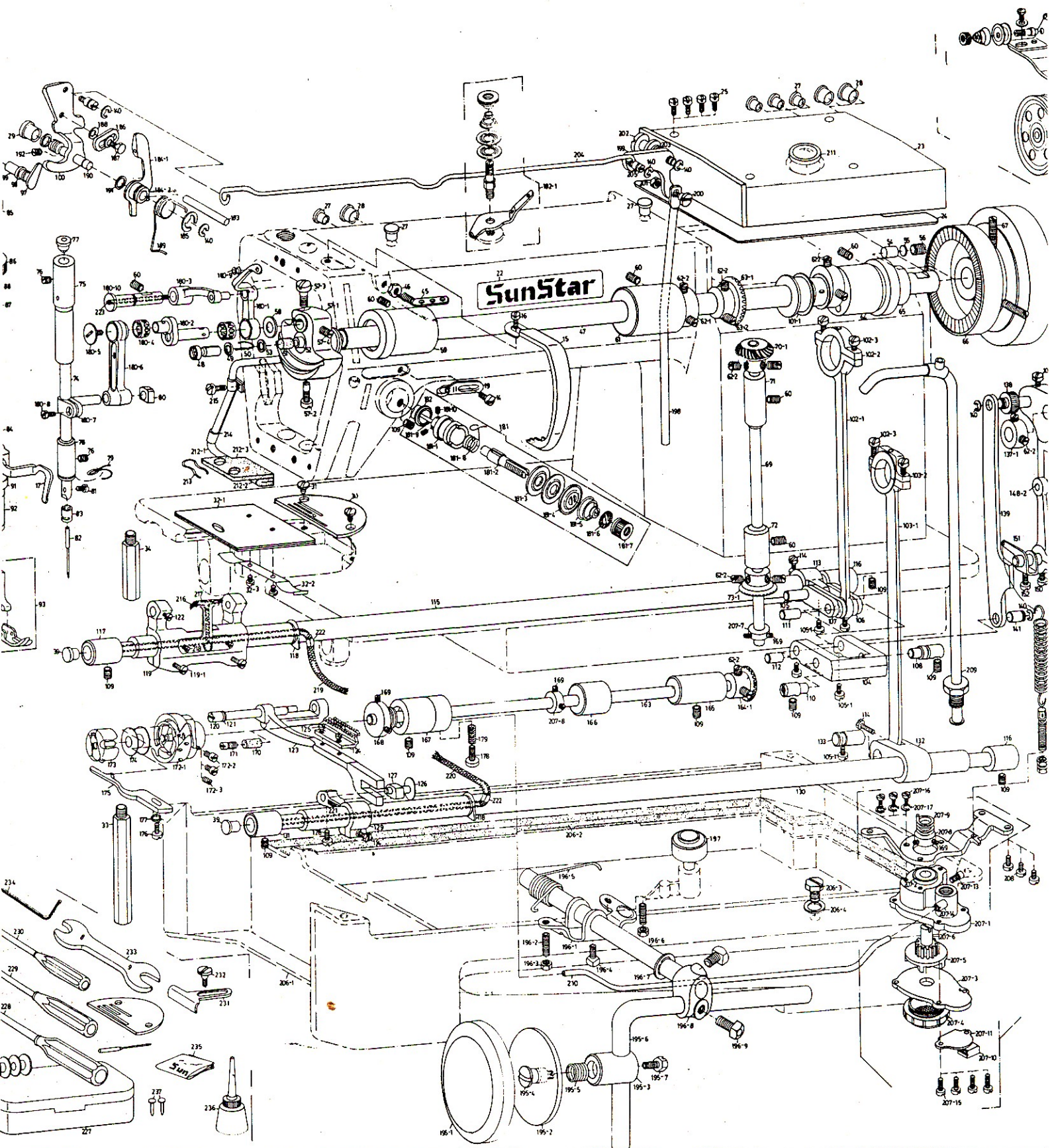
SunStar KM-137 A/B PART



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11 KM-137 A/B PARTS LIST



Ref No.	Part No.	Part Name	Amt. Req.	Ref No.	Part No.	Part Name	Amt. Req.	Ref No.	Part No.	Part Name	Amt. Req.
129	6-37	Crank (front) for 130	1 PC	179	7-26	Spring for 178	1 PC	197	43-3	Support cap for 198	1 PC
130	6-39	Feed lifting shaft	1 PC	180-1	8-1-1	Thread take-up lever	1 PC	198	43-4	Knee lifting rod	1 PC
131	6-40	Front bushing for 130	1 PC	180-2	8-1-3	Crank for 74	1 PC	199	43-5	Knee lifting link	1 PC
132	6-45	Rear crank for 130	1 PC	180-3	8-1-4	Crank for 180-1	1 PC	200	43-6	Hinge screw for 199	1 PC
133	6-47	Connecting pin for 103-1	1 PC	180-4	8-1-5	Needle bearing	2 PCS	201	43-7	Nut for 200	1 PC
134	6-49	Shaft for 136	1 PC	180-5	8-1-6	Left-handed screw for 180-2	1 PC	202	43-8	Hinge screw for 199	1 PC
135	6-50	O-Ring for 134	1 PC	180-6	8-1-7	Crank rod for 74	1 PC	203	43-10	Packing for 202	1 P.
136	6-53	Feed regulating	1 PC	180-7	8-1-8	Holder for 74	1 PC	204	43-11	Connecting rod for 95	1 PC
137-1	6-54-1	Collar for 134	1 PC	180-8	8-1-9	Set screw for 180-7	1 PC	205	43-12	Hinge screw for 204	2 PCS
138	6-55	Feed adjusting shaft	1 PC	180-9	8-1-10	Thread hold bushing for 180-1	1 PC	206-1	44-1-1	Oil pan	1 PC
139	6-58	Feed regulating rod	1 PC	180-10	8-1-11	Hinge pin for 180-1	1 PC	206-2	44-1-2	Gasket for 206-1	1 PC
140	6-59	E-Ring for 138	6 PCS	181	40-1	Tension adjusting apparatus	1 SET	206-3	44-1-3	Drain plug screw	1 PC
141	6-60	Hinge pin for 139	1 PC	181-1	40-1-1	Body for 181	1 PC	206-4	44-1-4	O-Ring for 206-3	1 PC
142	6-67	Shaft for 146	1 PC	181-2	40-1-2	Shaft for 181	1 PC	207	44-2	Oil pump assembly	1 SET
143	6-68	Hinge screw for 142	1 PC	181-3	40-1-3	Disc for thread guide	2 PCS	207-1	44-2-1	Oil pump body	1 PC
144	6-69	Corrugated washer for 142	1 PC	181-4	40-1-4	Pushing plate for 181-3	1 PC	207-2	44-2-2	Impeller bushing	1 PC
145	6-70	O-Ring for 142	1 PC	181-5	40-1-6	Spring (B) for 181	1 PC	207-3	44-2-3	Oil pump cover	1 PC
146	6-71	Reverse feed control lever	1 PC	181-6	40-1-7	Stopper for 181-5	1 PC	207-4	44-2-4	Oil pump cap	1 PC
147	6-72	Set screw for 146	1 PC	181-7	40-1-8	Nut for 181	1 PC	207-5	44-2-5	Impeller	1 PC
148-1	6-73-1	Crank for 146	1 PC	181-8	40-1-9	Take-up spring	1 PC	207-6	44-2-6	Impeller shaft	1 PC
148-2	6-73-3	Pin for 148-3	1 PC	181-9	40-1-10	Pin for 181	1 PC	207-7	44-2-7	Collar (A) for 207-6	1 PC
148-3	6-73-5	Roller for 148-1	1 PC	181-10	40-1-11	Set screw for 181-2	2 PCS	207-8	44-2-8	Collar (B) for 207-6	2 PCS
149	6-74	Set screw for 148	1 PC	182	40-3	Cap for 181	1 PC	207-9	44-2-18	Connecting spring for 207	1 PC
150	6-75	Set screw for 148	1 PC	182-1	40-4A	Supplementary tension assembly	1 SET	207-10	44-2-10	Magnet	1 PC
151	6-77	Upper spring holder for 153	1 PC	183	40-5	Tension release pin	1 PC	207-11	44-2-11	Magnet holder	1 PC
152	6-79	Set screw for 151	1 PC	184-1	40-6-1	Thread tension release plate	1 PC	207-12	44-2-12	Bracket for 207-1	1 PC
153	6-81	Spring for 146	1 PC	184-2	40-6-2	Bushing for 184-1	1 PC	207-13	44-2-13	Nipple for 212-1	1 PC
154	6-83	Adjusting screw for 153	1 PC	185	40-7	E-Ring for 184-2	1 PC	207-14	44-2-14	Nipple for 210	1 PC
155	6-84	Nut for 154	2 PCS	186	40-8	Stopper for 184-1	1 PC	207-15	44-2-15	Set screw for 207-3	4 PCS
156	6-85	Shaft for 158	1 PC	187	40-9	Set screw for 186	1 PC	207-16	44-2-16	Set screw for 207-1	3 PCS
157	6-86	O-Ring for 156	1 PC	188	40-10	Washer for 186	2 PCS	207-17	44-2-17	Washer for 207-16	3 PCS
158	6-87	Feed regulating dial	1 PC	189	40-11	Spring for 184-1	1 PC	208	44-3	Set screw for 207	3 PCS
159	6-89	Dial plate	1 PC	190	40-12	Shaft for 184-1	1 PC	209	44-4	Main shaft oil pipe assembly	1 SET
160	6-90	Set screw for 158, 159	1 PC	191	40-13	Washer for 190	1 PC	210	44-5	Lower shaft oil pipe	1 PC
161	6-91	Stopper pin for 158	1 PC	192	40-15	Set screw for 190	1 PC	211	44-6	Oil window assembly	1 SET
162	6-92	Spring for 161	1 PC	193	41-1	Bobbin winden assembly	1 SET	212-1	44-7-1	Oil return tube	1 PC
163	7-1	Lower shaft	1 PC	194	42-1	Thread stand Assembly	1 SET	212-2	44-7-2	Oil return felt (A)	1 PC
164-1	7-2-1	Gear for 163	1 PC	195-1	43-1-1	Knee lifter pad	1 PC	212-3	44-7-3	Oil return felt (B)	1 PC
165	7-3	Lower shaft bushing (rear)	1 PC	195-2	43-1-2	Insert plate for 195-1	1 PC	213	44-8	Oil return felt holder	1 PC
166	7-6	Lower shaft bushing (center)	1 PC	195-3	43-1-3	Holder for 195-2	1 PC	214	44-9	Holder for 212-1	1 PC
167	7-8	Lower shaft bushing (front)	1 PC	195-4	43-1-4	Hinge screw for 195-1	1 PC	215	44-10	Set screw for 212-1	7 PCS
168	7-10	Lower shaft bushing (front)	1 PC	195-5	43-1-5	Tension spring for 195-1	1 PC	216	44-11	Oil wick for 120	1 PC
169	7-11	Set screw for 168	8 PCS	195-6	43-1-6	Knee lifter shaft	1 PC	217	44-12	Holder for 216	1 PC
170	7-12	Felt for 163	1 PC	195-7	43-1-7	Set screw for 195-6	1 PC	218	44-13	Set screw for 217	1 PC
171	7-13	Set screw for 170	1 PC	196-1	43-2-1	Knee lifting controller	1 PC	219	44-14	Oil wick for 115	1 PC
172-1	7-17-1	Rotary Hook	1 PC	196-2	43-2-2	Adjusting screw for 196-1	2 PCS	220	44-15	Oil wick for 130	1 PC
172-2	7-17-2	Set screw (A) for 172-1	2 PCS	196-3	43-2-3	Nut for 196-2	2 PCS	221	44-16	Oil wick for 129	1 PC
172-3	7-17-3	Set screw (B) for 172-1	1 PC	196-4	43-2-4	Set screw for 196-1	1 PC	222	44-17	Oil wick stopper	2 PCS
173	7-19	Bobbin case assembly	1 SET	196-5	43-2-5	Spring for 196-1	1 PC	223	44-18	Oil wick for 180-10	1 PC
174	7-21	Bobbin	4 PCS	196-6	43-2-6	Shaft for 196-1	1 PC	224	44-19	Oil shield	1 PC
175	7-22	Bobbin case positioning finger	1 PC	196-7	43-2-7	E-Ring for 196-6	1 PC	225	44-21	Oil wick for 224	1 PC
176	7-23	Set screw for 175	1 PC	196-8	43-2-8	Connection joint for 195-6	1 PC	226	60-1	Belt cover Assembly	1 SET
177	7-24	Washer for 175	1 PC	196-9	43-2-9	Set screw for 196-8	2 PCS	226-1	60-1-1	Belt cover (A)	1 PC
178	7-25	Oil adjusting valve for 172	1 PC					226-2	60-1-2	Belt cover (B)	1 PC
								226-3	60-1-4	Belt cover (C)	1 PC
								226-4	60-1-6	Belt cover (D)	1 PC
								226-5	60-1-7	Set screw nail for 226-4	2 PCS
								227	91-1	Accessory Box	1 PC
								228	91-2	Driver (large)	1 PC
								229	91-3	Driver (middle)	1 PC
								230	91-4	Driver (small)	1 PC
								231	91-5	Cloth guide	1 PC
								232	91-6	Set screw for 230	1 PC
								233	91-13	Spanner (8 x 9)	1 PC
								234	91-14	Wrench (2 mm)	1 PC
								235	91-21	Sewing machine cover	1 PC
								236	91-22	Oil tank	1 PC
								237	91-23	Nail	2 PCS

SunStar KM-137 A/B PARTS LIST

Ref No.	Part No.	Part Name	Amt. Req.	Ref No.	Part No.	Part Name	Amt. Req.	Ref No.	Part No.	Part Name	Amt. Req.
1	1-1	Arm-Bed Assembly	1 SET	47	2-2	Main shaft	1 PC	88	5-6	Pressure regulation bar	1 PC
2	1-1-5	Locking Bolt (A)	1 PC	48	2-3	Adjusting valve for lubrication	1 PC	89	5-7	Holder for 84	1 PC
3	1-62	Locking Bolt (B)	1 PC	49	2-4	O-Ring for 48	1 PC	90	5-8	Set screw for 89	1 PC
4	1-1-6	Locking Bolt (small)	2 PCS	50	2-5	Spring for 48	1 PC	91	5-9	Rubber cap for 92	1 PC
5	1-1-7	Washer for 4	2 PCS	51	2-6	Felt for 47	1 PC	92	5-10	Presser bar bushing	1 PC
6	1-1-9	Lock pin	2 PCS	52	2-7	Collar for 51	1 PC	93	5-12	Hinge foot complete	1 SET
7	1-2	Face plate	1 PC	53	2-8	Washer for 51	1 PC	94	5-13	Set screw for 93	1 PC
8	1-3	Set screw for 7	4 PCS	54	2-9	Oil stopper rubber for 47	1 PC	95	5-14	Presser bar lifter lever	1 PC
9	1-4	Gasket for 7	1 PC	55	2-10	Washer for 54	1 PC	96	5-15	Set screw for 95	1 PC
10	1-5	Rubber plug for 7 (Large)	1 PC	56	2-11	Set screw for 54	1 PC	97	5-16	Cam shaft for 95	1 PC
11	1-6	Rubber plug for 7 (small)	1 PC	57-1	2-12-2	Counterweight	1 PC	98	5-17	Washer for 95	1 PC
12	1-7	Brand mark for 7	1 PC	57-2	2-12-3	Set screw for 57-1	1 PC	99	5-18	Oil seal for 97	1 PC
13	1-8	Thread guide for 7	1 PC	57-3	2-12-4	Set screw for 57-1	1 PC	100	5-19	Knee lifter plate	1 PC
14	1-9	Set screw for 13	2 PCS	57-4	2-12-5	Set screw for 180-2	1 PC	101-1	6-1-2	Feed cam "B"	1 PC
15	1-10	Cover for take up lever	1 PC	58	2-13	Washer for 57-1	1 PC	102-2	6-2-2	Feed locker shaft connecting rod	1 PC
16	1-11	Set screw for 15	1 PC	59	2-14	Main shaft bushing (front)	1 PC	102-2	6-2-4	Cover for 102-1	1 PC
17	1-12	Thread guide for presser bar	1 PC	60	2-15	Set screw for 59	7 PCS	102-3	6-2-5	Set screw for 102-2	4 PCS
18	1-13	Set screw for 17	1 PC	61	2-16	Main shaft bushing (center)	1 PC	103-1	6-3-1	Crank rod	1 PC
19	1-14	Thread guide for Arm	1 PC	62-1	2-18-1	Main shaft collar	1 PC	103-2	6-3-2	Cover for 103-1	1 PC
22	1-18	Brand Mark for Arm	1 PC	62-2	2-18-2	Set screw for 62-1	13 PCS	104	6-4	Feed regulation rink	1 PC
23	1-19	Top cover	1 PC	63-1	2-19-1	Main shaft gear	1 PC	105	6-5	Pin (A) for 106, 107	1 PC
24	1-20	Gasket for 23	1 PC	63-2	2-19-2	Set screw "A" for 63-1	1 PC	105-1	6-6	Set screw for 105	6 PCS
25	1-21	Set screw for 23	4 PCS	64	2-20	Main shaft bushing (rear)	1 PC	106	6-7	Feed connecting rink (A)	2 PCS
26	1-25	Model mark	1 PC	65	2-22	Oil seal for 64	1 PC	107	6-8	Feed connecting rink (B)	2 PCS
27	1-34	Rubber plug (small)	6 PCS	66	2-24	Pully	1 PC	108	6-9	Hinge pin (A) for 104	1 PC
28	1-35	Rubber plug (large)	2 PCS	67	2-25	Set screw for 66	2 PCS	109	6-10	Set screw for 108	9 PCS
29	1-36	Rubber plug for 190	1 PC	68	2-26	Cap screw for 66	1 PC	110	6-11	Hinge pin (B) for 104	1 PC
30	1-38	Needle plate	2 PCS	69	3-1	Upright shaft	1 PC	111	6-13	Pin (B) for 106	1 PC
31	1-39	Set screw for 30	2 PCS	70-1	3-2-1	Upright shaft upper gear	1 PC	112	6-15	Pin (C) for 107	1 PC
32-1	1-40-1	Slide plate	1 PC	71	3-3	Upright shaft upper bushing	1 PC	113	6-17	Crank (rear) for 115	1 PC
32-2	40-2	Spring for 32-1	1 PC	72	3-5	Upright shaft lower bushing	1 PC	114	6-18	Set screw for 113	3 PCS
32-3	1-40-3	Set screw for 32-2	2 PCS	73-1	3-7-1	Upright shaft lower gear	1 PC	115	6-19	Feed locker shaft	1 PC
33	1-41	Bed leg front (A)	1 PC	74	4-2	Needle bar	1 PC	116	6-20	Bushing (rear) for 115	2 PCS
34	1-43	Bed leg front (B)	1 PC	75	4-3	Needle bar upper bushing	1 PC	117	6-22	Bushing (front) for 115	1 PC
35	1-44	Bed leg rear	1 PC	76	4-4	Set screw for 75	3 PCS	118	6-24	Rubber flange	2 PCS
36	1-45	Set Bolt for 35	1 PC	77	4-5	Rubber cap for 75	1 PC	119	6-25	Feed rocker	1 PC
37	1-46	Spring washer for 35	2 PCS	78	4-6	Needle bar lower bushing	1 PC	119-1	6-26	Set screw for 119	2 PCS
38	1-47	Nut for 35	1 PC	79	4-8	Thread guide for 74	1 PC	120	6-27	Feed bar shaft	1 PC
39	1-48	Rubber plug for 115, 130	2 PCS	80	4-9	Guide block for 78	1 PC	121	6-28	Washer for 120	1 PC
40	1-50	Rubber plug	1 PC	81	4-10	Clamp screw for 82	1 PC	122	6-29	Set screw for 120	1 PC
41	1-51	Bed hinge	2 PCS	82	4-12	Needle	11 PCS	123	6-30	Feed bar	1 PC
42	1-52	Rubber for 41	2 PCS	83	4-13	Thread guide for 74	1 PC	124	6-32	Feed dog	1 PC
43	1-53	Rubber base for Bed (A)	2 PCS	84	5-1	Presser bar	1 PC	125	6-33	Set screw for 124	2 PCS
44	1-54	Rubber base for Bed (B)	2 PCS	85	5-2	Pressure regulation screw	1 PC	126	6-34	Shaft for 127	1 PC
45	1-57	Three hole thread eyelet	1 PC	86	5-3	Nut for 85	1 PC	127	6-35	Black for 123	1 PC
46	1-58	Nut for 45	1 PC	87	5-5	Pressure regulation spring	1 PC	128	6-36	Set screw for 126	1 PC



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