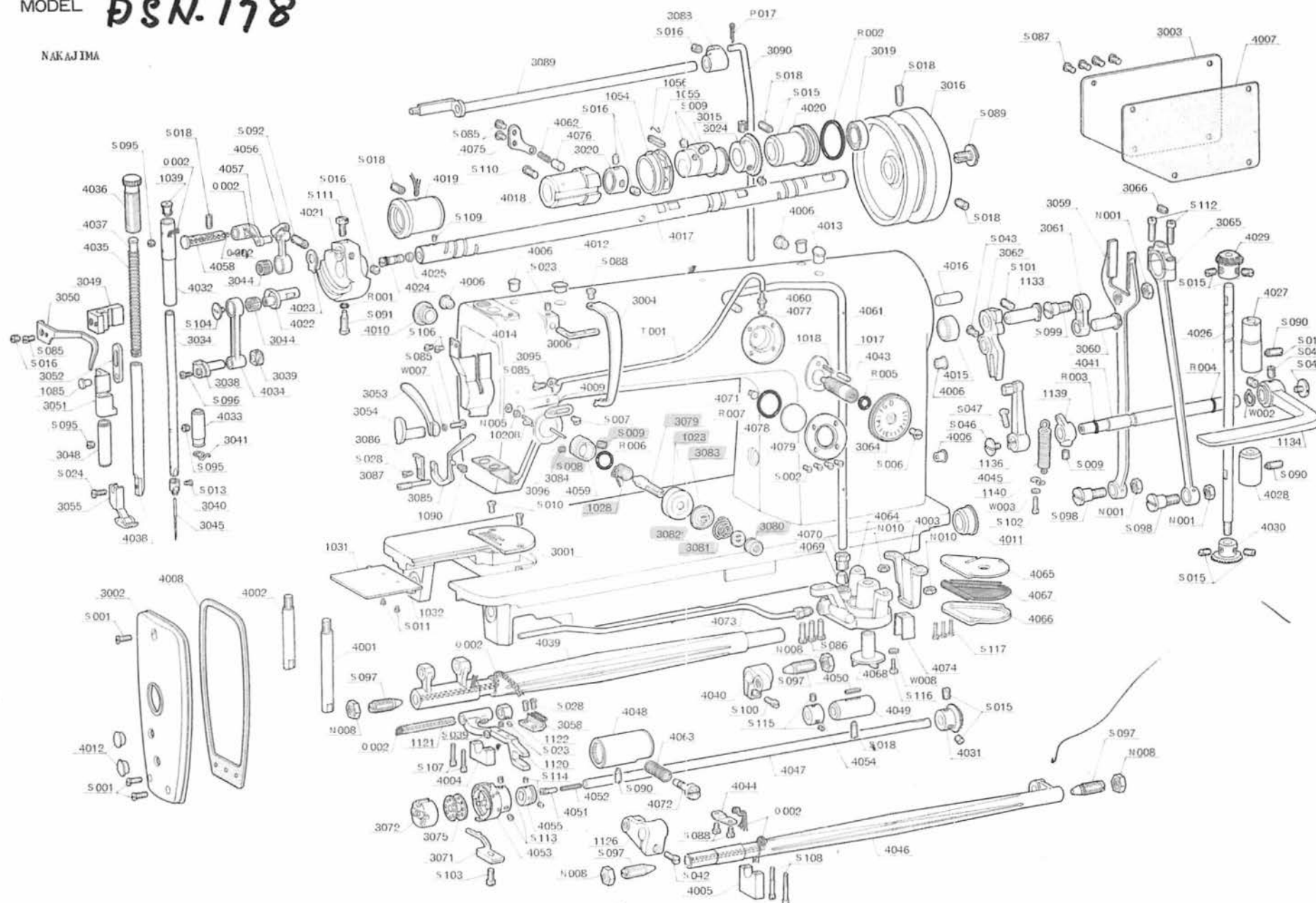


MODEL **DSN-178**

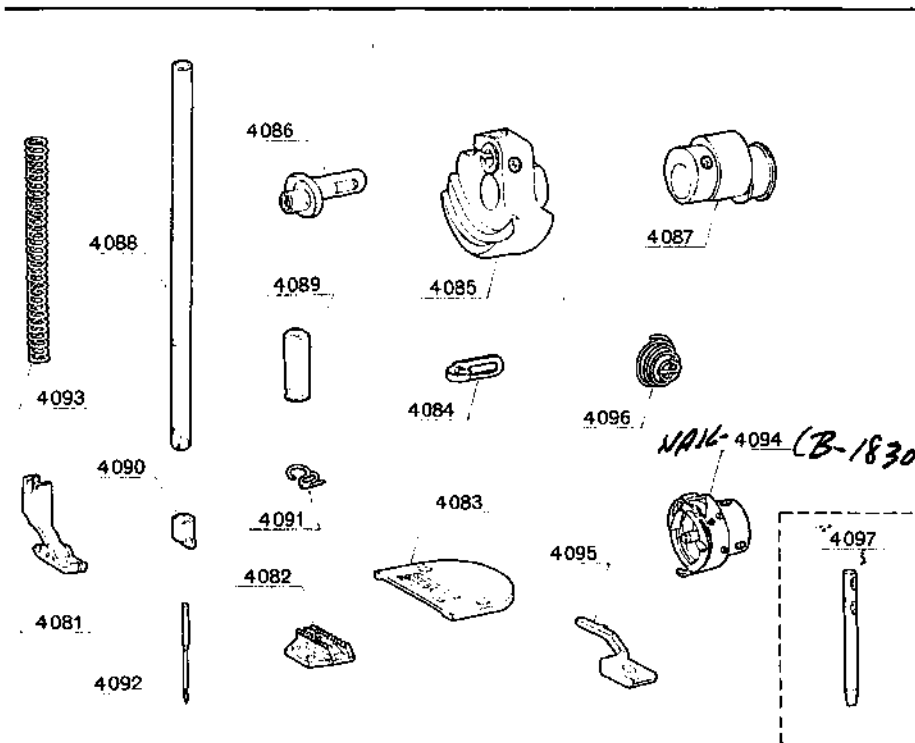
NAKAJIMA



Part No.	Description	Amt. Req.	Part No.	Description	Amt. Req.	Part No.	Description	Amt. Req.
1017	Feed regulator pin	E 8 1	4006	Rubber plug	D5.D8 5	S007	Screw 9/64-40 L=6.0	F 6 1
1018	Feed regulator pin spring	E 8 1	4007	Side plate gasket	A12 1	S008	Screw 9/64-40 L=5.5	G 6 1
1020B	Frame thread guide(B)	F 5 1	4008	Face plate gasket	H 2 1	S009	Screw 15/64-28 L=7.0	F 6 . B 7 4
1023	Thread tension disc	F 7 2	4009	Frame thread guide (A)	F 6 1	S010	Screw 11/64-40 L=8.5	G 5 2
1028	Take-up spring	G 6 1	4010	Counterweight screw hole plug	E 4 1	S011	Screw 3/32-56 L=1.9	J 4 2
1031	Bed slide	H 4 1	4011	Hookshaft rubber plug	H 9 1	S013	Screw 1/8-44 L=4.5	G 3 1
1032	Bed slide spring	H 4 1	4012	Rubber plug	K 2.D6 3	S015	Screw 1/4-40 L=8.0	B 8 . K 9 9
1039	Plug	C 2 1	4013	Rubber plug	D 8 2	S016	Screw 1/4-40 L=6.0	E 1 . C 4 5
1054	Forked rod sleeve	B 6 1	4014	Thread take-up lever oil shield	E 5 1	S018	Screw 15/64-28 L=15.0	C 2 . C 4 6
1055	Forked rod sleeve felt	B 7 1	4015	Rubber plug for adjuster hole	F 9 1	S023	Screw 11/64-40 L=5.0	D 5 . K 5 3
1056	Forked rod sleeve felt presser	B 7 1	4016	Rubber plug for lifting shaft hole	D 9 1	S024	Screw 9/64-40 L=10.5	G 1 1
1085	Lifting lever link pin	F 1 1	4017	Main shaft	D 7 1	S028	Screw 1/8-44 L=6.4	G 4 . K 6 3
1090	Tension releasing lever spring	G 4 1	4018	Main shaft bushing, intermediate	C 5 1	S039	Screw 3/16-32 L=6.0	K 5 1
1120	Feed bar	K 5 1	4019	Main shaft bushing, front	C 5 1	S042	Screw 11/64-40 L=14.0	M 7 1
1121	Feed bar shaft	K 4 1	4020	Main shaft bushing(B), rear	B 8 1	S043	Screw 1/4-40 L=11.0	D 9 1
1122	Thrust collar	K 5 1	4021	Counterweight	D 3 1	S044	Screw 1/4-40 L=8.5	E 12 1
1126	Feed driving shaft crank	L 6 1	4022	Needle bar crank	E 3 1	S046	Screw 3/16-32 L=6.5	F 9 . E 12 2
1133	Feed regulator hinge pin	D 10 1	4023	Counterweight wearing plate	E 3 1	S047	Screw 3/16-28 L=12.0	F 9 1
1134	Reverse feed control lever	F 12 1	4024	Crank oil adjusting pin asm	D 4 1	S085	Screw 11/64-40 L=7.0	E 1 . E 4 5
1136	Reverse feed control lever crank	G 9 1	4025	Crank oil regulating felt	D 4 1	S086	Screw 3/16-28 L=14.0	J 8 3
1139	Suspension bracket	F 10 1	4026	Upright shaft	E 11 1	S087	Screw 11/64-40 L=8.5	A 10 4
1140	Suspension hook	G 9 1	4027	Upright shaft bushing, upper	E 12 1	S088	Screw 11/64-40 L=5.0	D 6 . L 7 3
			4028	Upright shaft bushing, lower	G 12 1	S089	Hand wheel end screw	B 9 1
3001	Throat plate	H 6 1	4029	Pinion	D 11 1	S090	Screw 15/64-28 L=10.5	L 6 . E 12 3
3002	Face plate	H 2 1	4030	Gear	G 12 1	S091	Screw 9/32-28 L=16.0	E 4 1
3003	Side plate	A 11 1	4031	Pinion	K 9 1	S092	Screw 9/32-28 L=19.0	C 3 1
3004	Thread take-up lever cover	E 6 1	4032	Needle bar bushing, upper	D 2 1	S095	Screw 15/64-28 L=3.4	F 1 . C 2 3
3006	Three-hole thread eyelet	E 6 1	4033	Needle bar bushing, lower	F 3 1	S096	Screw 9/64-40 L=6.0	F 3 1
3015	Feed drive eccentric cam	B 7 1	4034	Needle bar crank connecting rod	F 3 1	S097	Center screw	J 4 . L 6 4
3016	Hand Wheel	B 9 1	4035	Presser spring	D 2 1	S098	Hinge screw D=10.20 H=9.6	G 10 2
3019	Oil seal ring	B 8 1	4036	Presser spring regulator	C 2 1	S099	Hinge screw D=9.53 H=8.0	E 10 1
3020	Thrust collar	C 6 1	4037	Presser guide bar	D 2 1	S100	Screw 11/64-40 L=12.8	K 7 1
3024	Gear	B 7 1	4038	Presser bar	H 2 1	S101	Screw 15/64-28 L=12.0	D 9 1
3034	Needle bar	E 2 1	4039	Feed rock shaft	J 5 1	S102	Screw 9/64-40 L=10.0	G 9 1
3038	Needle bar connection	F 3 1	4040	Feed rock shaft crank	J 7 1	S103	Screw 11/64-40 L=9.5	M 5 1
3039	Needle bar connection guide block	F 3 1	4041	Reverse feed control lever shaft	E 10 1	S104	Thread take-up crank left screw	E 2 1
3040	Needle bar thread guide	G 3 1	4043	Feed regulating screw	E 8 1	S106	Screw 9/64-40 L=4.5	E 4 2
3041	Needle bar thread guide	F 3 1	4044	Oil wick holder	L 7 1	S107	Screw 9/64-40 L=15.0	K 5 2
3044	Needle bearing	D 3 . E 3 2	4045	Tension spring	G 9 1	S108	Screw 9/64-40 L=23.5	L 8 2
3045	Needle (DBx1 #14)	G 3 1	4046	Feed driving shaft	L 8 1	S109	Crank oil adjusting pin screw	D 5 1
3048	Presser bar bushing	G 1 1	4047	Hook driving shaft	K 8 1	S110	Screw 15/64-28 L=11.0	C 5 1
3049	Presser bar guide bracket	D 2 1	4048	Hook driving shaft bushing asm, front	K 6 1	S111	Screw 1/4-40 L=10.5	C 4 1
3050	Presser bar clamp thread guide	E 1 1	4049	Hook driving shaft bushing, rear	K 8 1	S112	Screw 3/16-28 L=15.5	C 11 2
3051	Presser bar lifting bracket	F 1 1	4050	Oil felt	J 8 1	S113	Screw SM4.46-40 L=4.7	L 5 2
3052	Lifting lever link	F 1 1	4051	Lower shaft front screw	L 6 1	S114	Screw 11/64-40 L=3.5	K 5 2
3053	Hand lifter lever	F 4 1	4052	Oil felt	L 6 1	S115	Screw 11/64-40 L=4.5	K 7 2
3054	Hand lifter cam	F 4 1	4053	Lubricating hook	L 5 1	S116	Screw 1/8-44 L=10	J 9 1
3055	Hinged presser foot	G 1 1	4054	Hook driving shaft thrust collar (B)	K 8 1	S117	Screw 1/8-44 L=12	J 9 3
3058	Feet dog	K 6 1	4055	Hook driving shaft thrust collar	L 5 1			
3059	Pitman	C 10 1	4056	Thread take-up lever	C 3 1	N001	Nut 9/32-28	D 10 . G 10 3
3060	Feed regulator connecting link hinge pin	E 10 1	4057	Thread take-up crank	C 3 1	N005	Nut 3/32-56	F 5 1
3061	Feed regulator connecting link	D 10 1	4058	Thread take-up crank shaft stud	D 3 1	N008	Nut 3/8-28	K 4 . M 6 4
3062	Feed regulator	D 9 1	4059	Thread tension post socket	G 6 1	N010	Nut 15/64-28	G 8 . H 9 2
3064	Stitch dial asm.	F 8 1	4060	Oil tube connecting screw	E 8 1			
3065	Feed driving shaft connecting rod	D 11 1	4061	Main shaft oil tube	E 8 1	W002	Washed washer 10.5x14.5x0.3	F 12 1
3066	Oil felt	C 10 1	4062	Plunger spring	B 6 1	W003	Washer 3.7x8x1.0	G 9 1
3071	Bobbin case holder positioning finger	L 5 1	4063	Spring	K 7 1	W007	Washer 4.2x6.6x0.8	E 4 1
3072	Bobbin case	L 4 1	4064	Lubricating oil pump	G 8 1	W008	Washer 5.5x10x0.8	J 9 1
3075	Bobbin	L 5 1	4065	Lubricating oil pump cover	H 10 1			
3079	Thread tension post	F 7 1	4066	Lubricating oil pump frame	H 10 2	P017	Cotter pin	A 7 1
3080	Thread tension nut	G 7 1	4067	Lubricating oil pump filter screen	H 10 1			
3081	Thread disc rotation stopper	H 7 1	4068	Lubricating oil pump impeller	J 8 1	Q002	Oil wick	C 2 . D 3 4
3082	Thread tension spring	G 7 1	4069	Main shaft oil tube clamp bushing	H 8 1			
3083	Thread tension disc presser	F 7 1	4070	Main shaft oil tube clamp screw	G 8 1	R001	O-ring 4.4x9.2x2.4	E 4 1
3084	Tension release pin	G 6 1	4071	Oil sight window nozzle	F 7 1	R002	O-ring 29.4x35.6x3.1	A 8 1
3085	Tension releasing lever	G 4 1	4072	Oil adjusting screw	L 6 1	R003	O-ring 6.07x9.63x1.78	F 10 1
3086	Tension releasing lever guide	F 4 1	4073	Hook driving shaft oil tube asm.	J 7 1	R004	O-ring 6.9x10.46x1.78	E 11 1
3087	Tension releasing lever hinge screw	G 4 1	4074	Lubricating oil pump oil guard	J 9 1	R005	O-ring 7.4x12.2x2.4	F 8 1
3088	Knee lifter lifting shaft crank	A 7 1	4075	Plunger thrust plate	C 5 1	R006	O-ring 13.3x16.7x1.7	F 6 1
3089	Knee lifter lifting shaft	B 5 1	4076	Lubricating pump-plunger	C 6 1	R007	O-ring 19.5x24.3x2.4	F 7 1
3090	Lifting lever connecting rod	B 7 1	4077	Oil tube connecting screw gasket	E 8 1			
3095	Oil return tube holder	E 5 1	4078	Oil oil sight window	F 7 1	T001	Vinyl tube	E 6 1
3096	Oil return felt asm	G 5 1	4079	Oil sight window frame	F 7 1			
4001	Bed screw stud(A)	J 4 1						
4002	Bed screw stud(B)	H 3 1						
4003	Bed support	G 9 1	S001	Screw 9/64-40 L=13.5	J 2 . L 2 3			
4004	Feed rock shaft support block	L 5 1	S002	Screw 9/64-40 L=5.7	G 8 4			
4005	Feed driving shaft support block	M 7 1	S006	Screw 3/16-28 L=9.5	G 8 1			

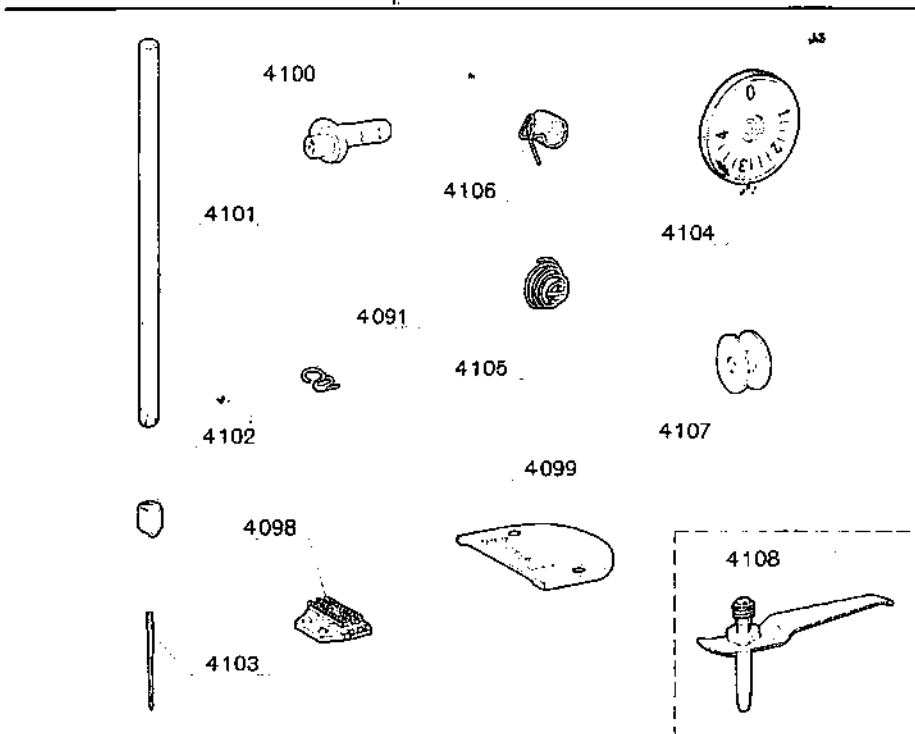
SUBCLASS MACHINES

EXCLUSIVE PARTS FOR HEAVY MATERIAL (MODEL)



Part No.	Description	Amt. Req.
4081	Hinged presser foot asm.	1
4082	Feed	1
4083	Throat plate	1
4084	Arm thread guide (A)	1
4085	Counterweight	1
4086	Needle bar crank	1
4087	Feed drive eccentric	1
4088	Needle bar	1
4089	Needle bar bushing, lower	1
4090	Needle bar thread guide	1
4091	Needle bar thread guide	1
4092	Needle 16 x 231 (DB x 1) # 22	1
4093	Presser spring	1
4094	Lubricating hook	1
4095	Bobbin case holder positioning finger	1
4096	Tension spring	1
4097	Thread guide pin	1

EXCLUSIVE PARTS FOR LIGHT MATERIAL (MODEL)



Part No.	Description	Amt. Req.
4091	Needle bar thread guide	1
4098	Feed	1
4099	Throat plate	1
4100	Needle bar crank	1
4101	Needle bar	1
4102	Needle bar thread guide	1
4103	Needle 88 x 1 (DA x 1) # 9	1
4104	Stitch dial asm.	1
4105	Tension spring	1
4106	Take-up spring	1
4107	Bobbin	1
4108	Thread guide pin asm.	1