

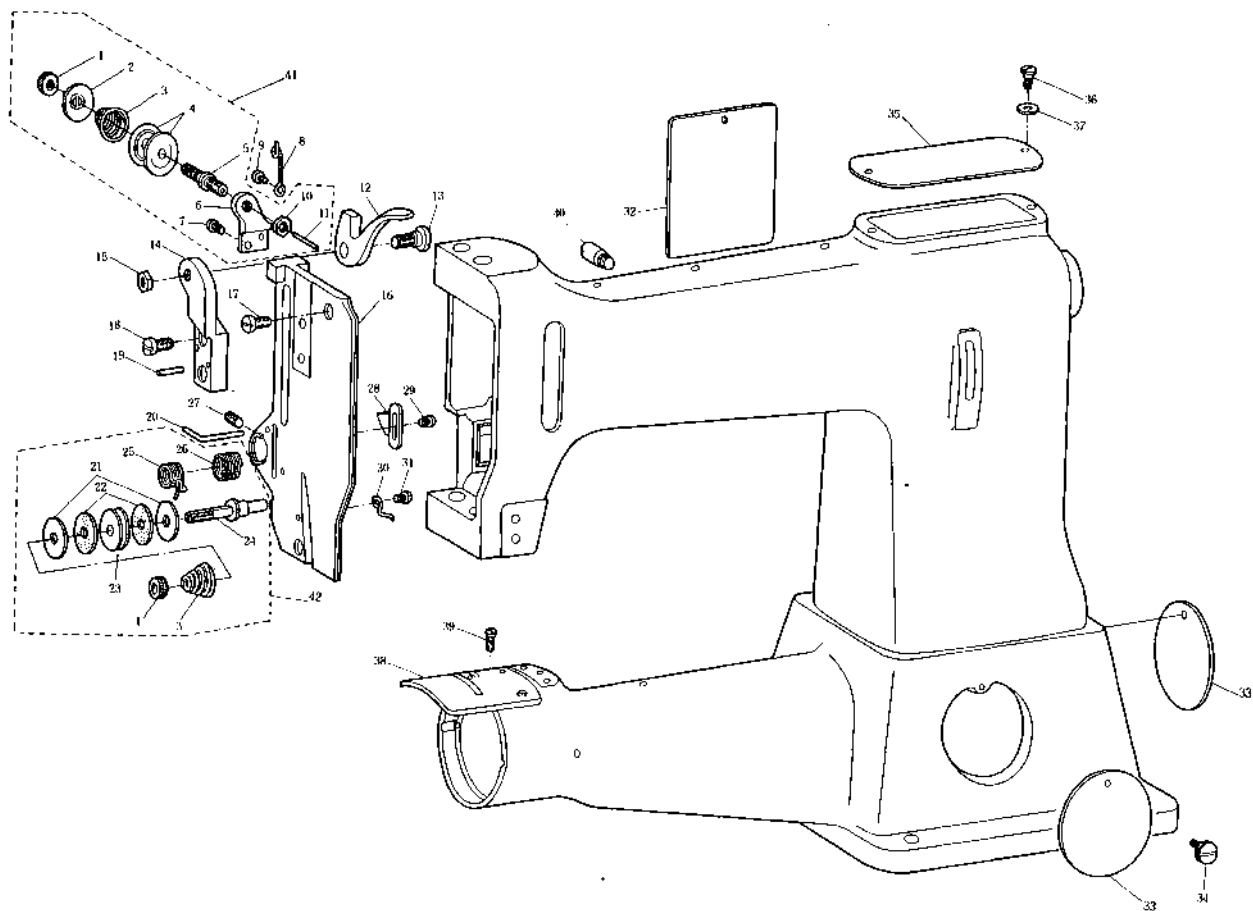
NAKAJIMA

PARTS BOOK

ARM TYPE INDUSTRIAL
SEWING MACHINE

MODEL **DD-N73. DDU-N73.**

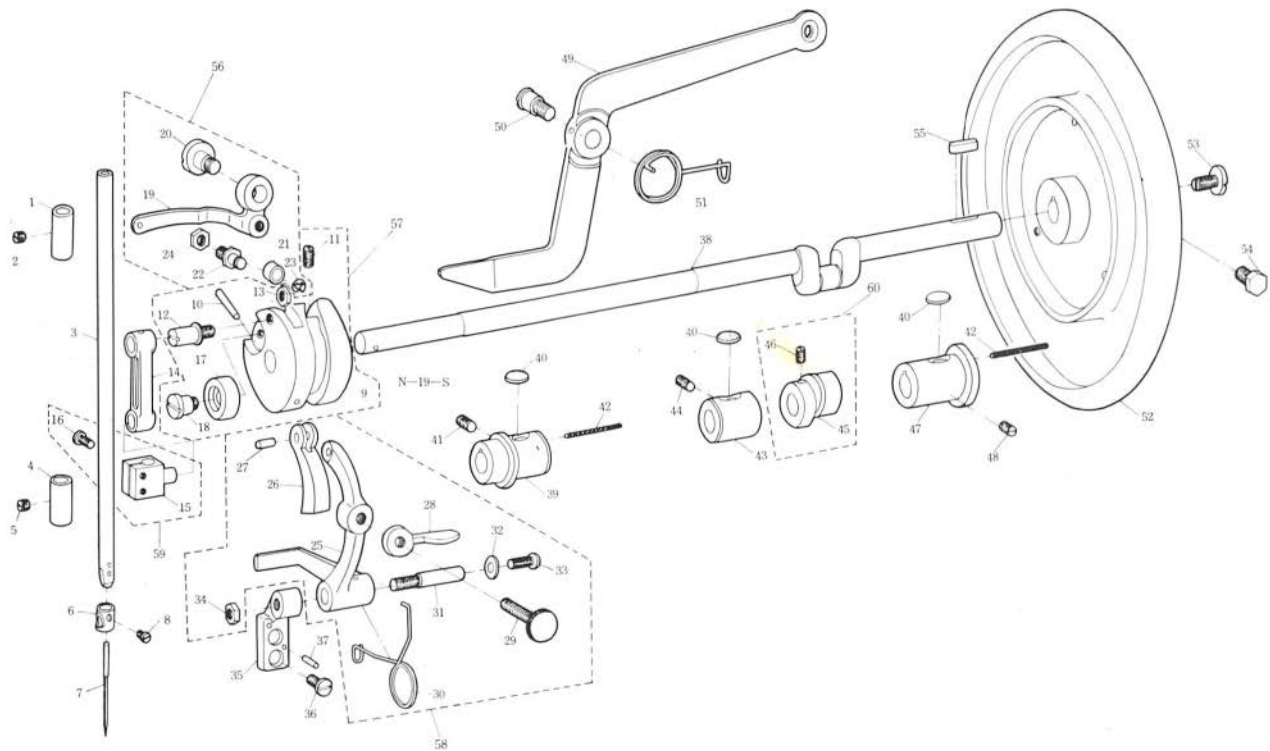
SINGLE NEEDLE LOCKSTITCH
UPPER & LOWER FEED



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I MACHINE FRAME & TENSION PARTS COMPONENTS

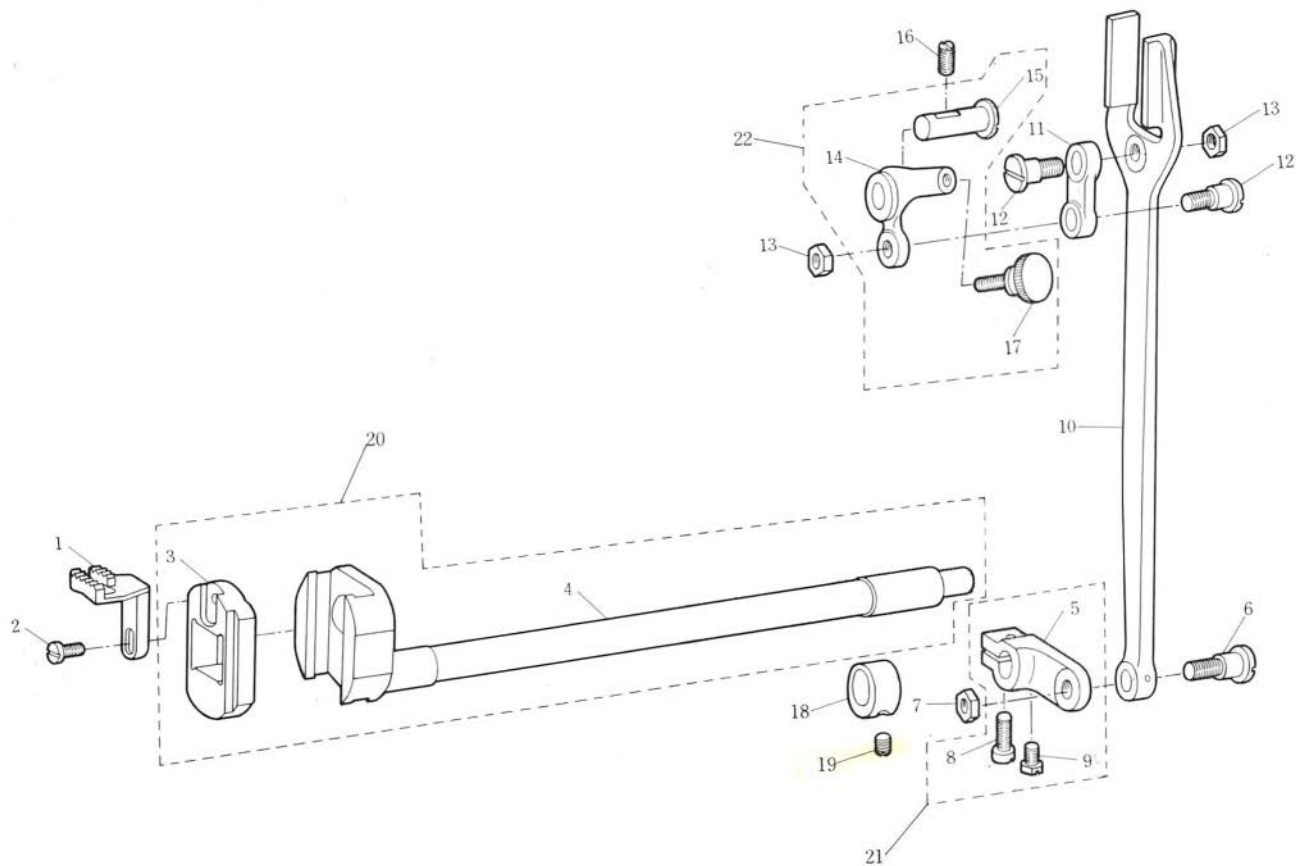
Fig No.	Parts No.	Description	Amt Req			Fig No.	Parts No.	Description	Amt Req		
1	1027	Tension regulating nut	2			31	S 051	· · · Screw	1		
2	1024	Tension release washer	1			32	2018	Side plate (A)	1		
3	2001	Tension spring	2			33	2120	Side plate (B)	2		
4	1023	Tension disc	2			34	S 055	· · · Screw	3		
5	2002	Tension stud	1			35	2019	Arm cap	1		
6	2003	· · · Bracket	1			36	S 056	· · · Screw	1		
7	S 050	· · · · · Screw	1			37	W004	· · · · · Washer	1		
8	2004	Thread eyelet	1			38	2020	Throat plate	1		
9	S 051	· · · Screw	1			39	S 057	· · · Screw	2		
10	N 001	Tension stud nut	1			40	2121	Lifter lifting lever stopper screw	1		
11	2005	Tension releasing pin	1								
12	2006	Presser bar lifter	1			41	C 2002	Tension asm.	1		
13	S 052	· · · Hinge screw	1			42	C 2013	Tension wheel asm.	1		
14	2007	· · · Bracket	1								
15	N 001	· · · Hinge screw nut	1								
16	2008	Face plate	1								
17	S 053	· · · Screw	2								
18	S 053	Presser bar lifter bracket screw	2								
19	P 002	Presser bar lifter bracket pin	2								
20	2009	Slack thread guide	1								
21	2010	Tension wheel felt supporting plate	2								
22	2011	Tension wheel felt	2								
23	2012	Tension wheel	1								
24	2013	Tension wheel stud	1								
25	2014	Take-up spring (A)	1								
26	2015	Take-up spring (B)	1								
27	S 009	Tension wheel stud screw	1								
28	2016	Take-up spring support plate	1								
29	S 051	· · · Screw	1								
30	2017	Face plate thread guide	1								



2 MAIN SHAFT & NEEDLE BAR COMPONENTS

Fig No.	Parts No.	Description	Amt Req		Fig No.	Parts No.	Description	Amt Req		
1	2021	Needle bar upper bushing	1		31	2039	· · · Hinge stud	1		
2	S 058	· · · Screw	1		32	W005	· · · · · Washer	1		
3	2022	Needle bar	1		33	S 065	· · · · · Screw	1		
4	2023	· · · Lower bushing	1		34	N 001	· · · · · Nut	1		
5	S 058	· · · · · Screw	1		35	2040	· · · Supporting block	1		
6	2024	· · · Thread guide	1		36	S 066	· · · · · Screw	2		
7	2025	Needle (DD × 1 #25)	1		37	P 005	· · · · · Pin	2		
8	S 059	· · · Clamp screw	1		38	2041	Main shaft	1		
9	2026	Take-up cam	1		39	2042	· · · Front bushing	1		
10	P 003	· · · Pin	1		40	2043	· · · Bushing felt	3		
11	S 060	· · · Screw	2		41	S 018	· · · Front bushing screw	1		
12	2027	Needle bar crank	1		42	2044	· · · Bushing oil cord	2		
13	N 001	· · · Nut	1		43	2045	· · · Intermediate bushing	1		
14	2028	Needle bar connecting link	1		44	S 018	· · · · · Screw	1		
15	2029	Needle bar connection	1		45	2046	Feed drive eccentric	1		
16	S 061	· · · Screw	2		46	S 025	· · · Screw	1		
17	2030	Take-up cam roller	1		47	2047	Main shaft rear bushing	1		
18	S 062	· · · Hinge screw	1		48	S 009	· · · Screw	1		
19	2031	Thread take-up lever	1		49	2048	Lifter lifting lever	1		
20	S 063	· · · Hinge screw	1		50	S 067	· · · Hinge screw	1		
21	2032	· · · Roller	1		51	2049	· · · Spring	1		
22	2033	· · · · · Stud	1		52	2050	Balance wheel	1		
23	2034	· · · · · Washer	1		53	S 021	· · · Adjusting screw	1		
24	N 001	· · · · · Nut	1		54	S 068	· · · Screw	2		
25	2035	Lifting bell crank	1		55	2051	Main shaft key	1		
26	2036	· · · Guide	1		56	C 2031	Thread take-up lever asm.	1		
27	P 004	· · · · · Pin	1		57	C 2026	Take-up cam asm.	1		
28	2037	· · · Adjusting screw set lever	1		58	C 2035	Lifting bell crank asm.	1		
29	S 064	· · · Adjusting screw	1		59	C 2029	Needle bar connection asm.	1		
30	2038	· · · Spring	1		60	C 2046	Feed drive eccentric asm.	1		

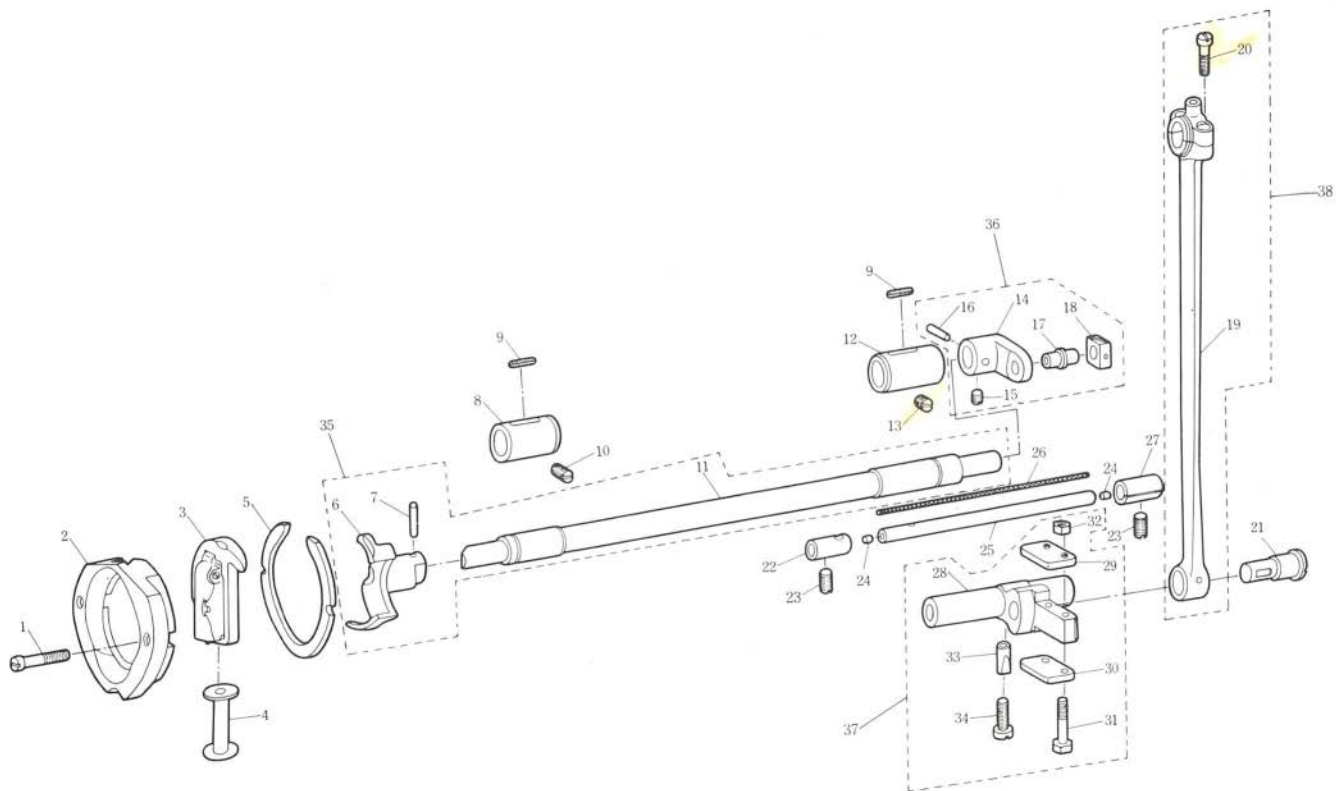
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3 FEED ROCK SHAFT COMPONENTS

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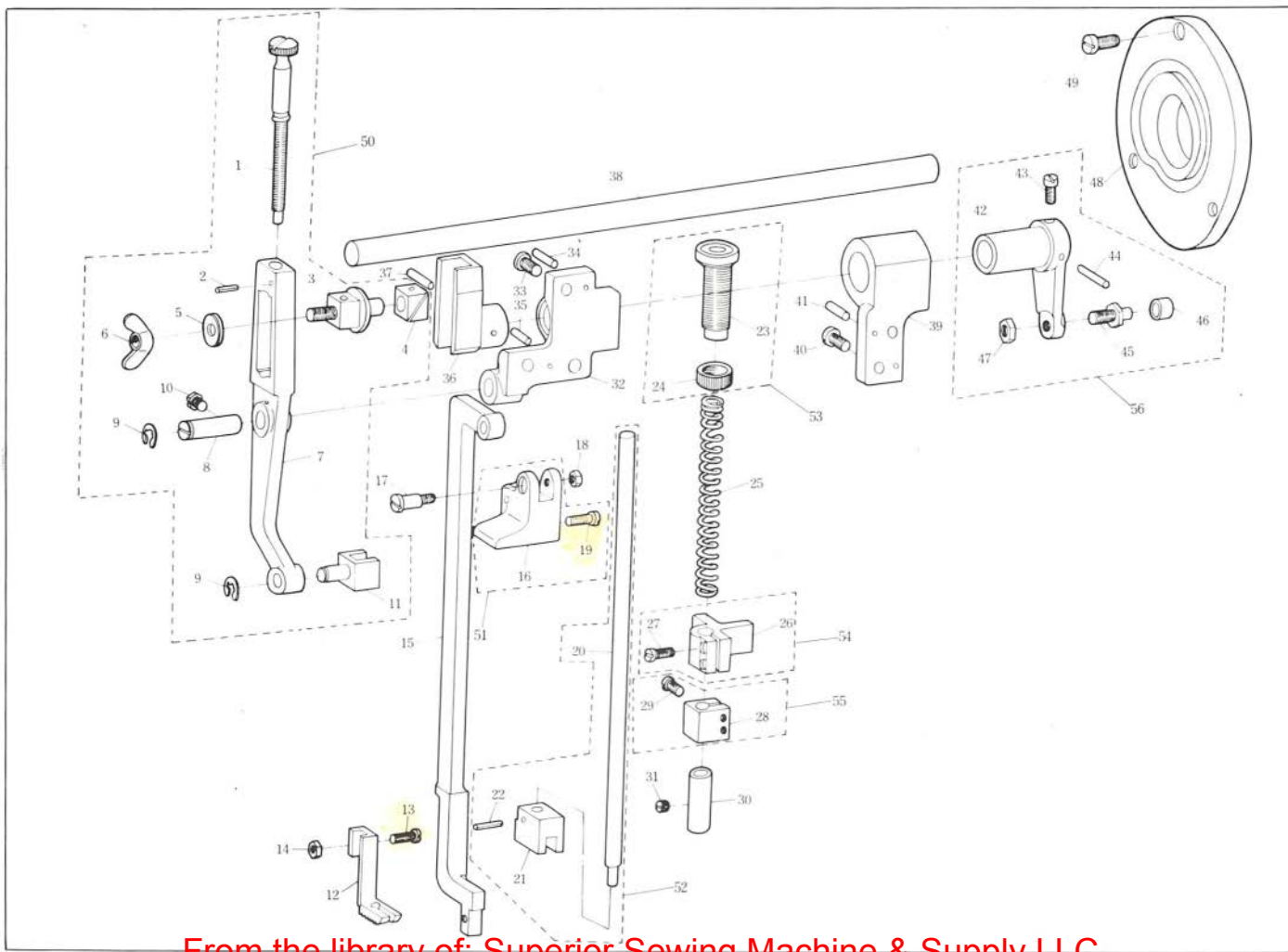
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4 HOOK DRIVING SHAFT COMPONENTS

Fig No.	Parts No.	Description	Amt Req			Fig No.	Parts No.	Description	Amt Req		
1	S 073	Shuttle race body screw	2			31	S 075	Side plate screw	2		
2	2060	Shuttle race body	1			32	N 002	Nut	2		
3	2061	Shuttle hook	1			33	2081	Crank connecting rod pin wedge	1		
4	2062	Bobbin	1			34	S 065	Screw	1		
5	2063	Ring	1								
6	2064	Shuttle driver	1			35	C 2066	Hook driving shaft asm.	1		
7	P 006	Pin	1			36	C 2069	Hook driving shaft crank asm.	1		
8	2065	Hook driving shaft front bushing	1			37	C 2078	Oscilating rock shaft asm.	1		
9	2066	Hook driving shaft bushing felt	2			38	C 2072	Crank connecting rod asm.	1		
10	S 018	Hook driving shaft front bushing screw	1								
11	2066	Hook driving shaft	1								
12	2068	Rear bushing	1								
13	S 025	Screw	1								
14	2069	Crank	1								
15	S 058	Screw	2								
16	P 007	Pin	1								
17	2070	Slide block stud	1								
18	2071	Slide block	1								
19	2072	Crank connecting rod	1								
20	S 074	Screw	2								
21	2073	Pin	1								
22	2074	Oscilating rock shaft hinge pin front bushing	1								
23	S 009	Screw	2								
24	P 008	Oscilating rock shaft hinge pin plug	2								
25	2075	Oscilating rock shaft hinge pin	1								
26	2076	Oil cord	1								
27	2077	Rear bushing	1								
28	2078	Oscilating rock shaft	1								
29	2079	Side plate (B)	1								
30	2080	Side plate (A)	1								

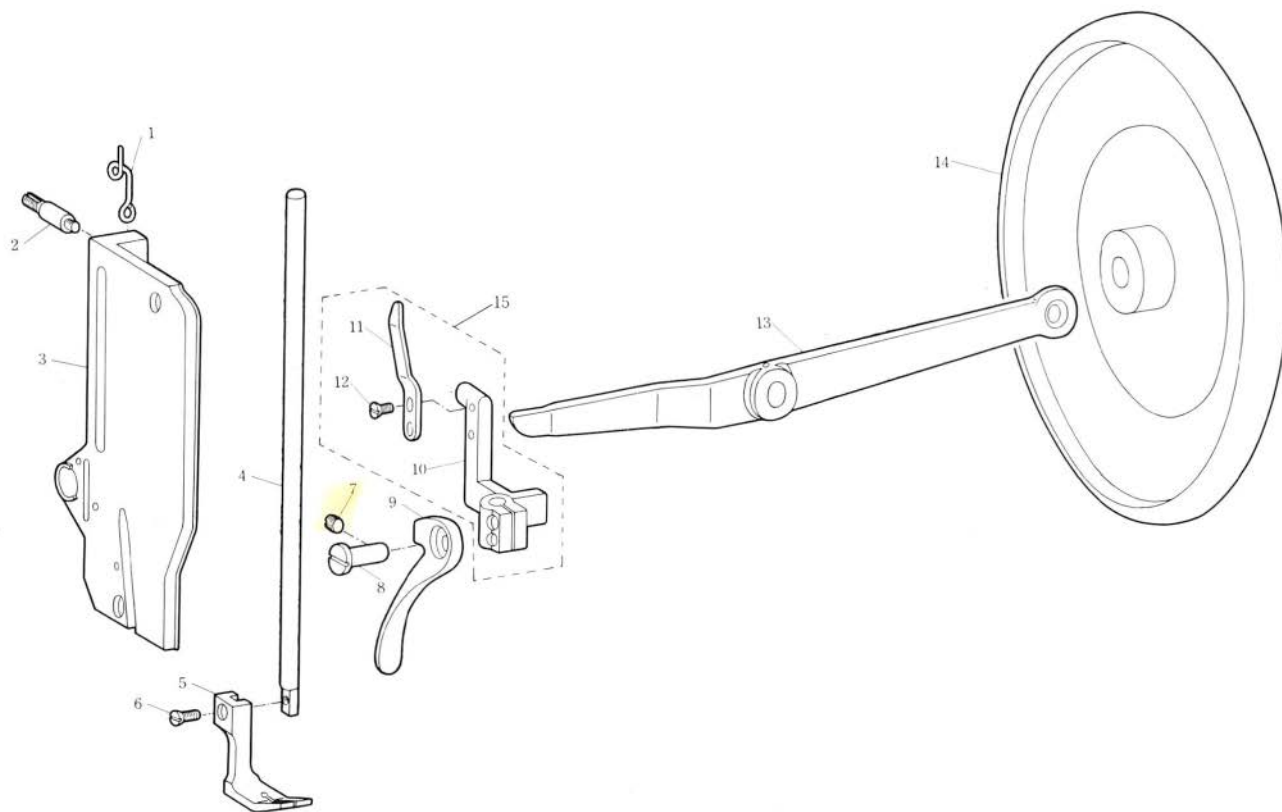


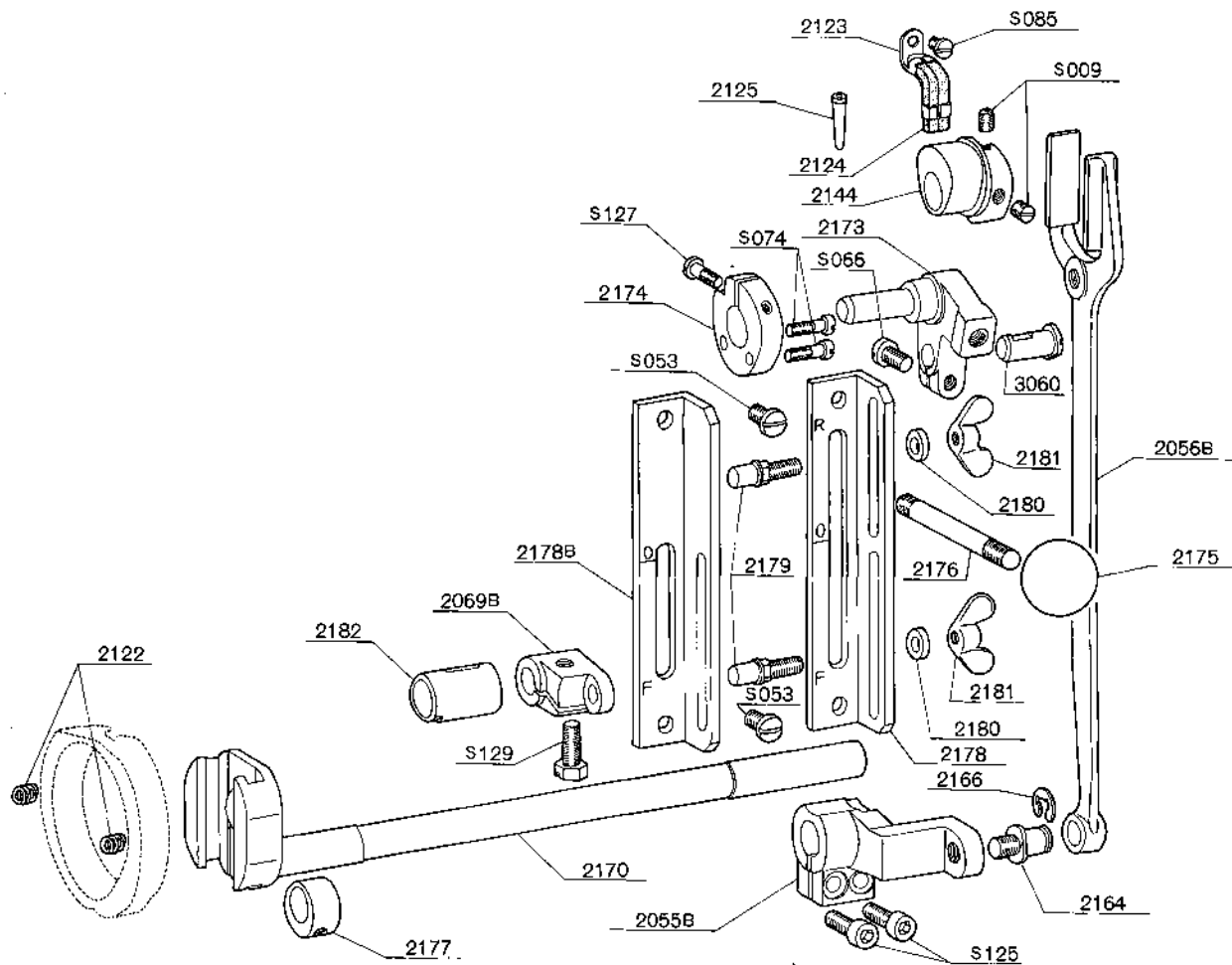
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5 UPPER FEED DOG COMPONENTS

Fig No.	Parts No.	Description	Amt Req		Fig No.	Parts No.	Description	Amt Req	
1	2082	Upper feed adjusting screw	1		31	S 058	• • • Screw	1	
2	P 009	• • • Pin	1		32	2101	Upper feed driving rock shaft front bushing	1	
3	2083	Upper feed adjusting slide block stud	1		33	S 066	• • • Screw	3	
4	2084	Upper feed adjusting slide block	1		34	P 011	• • • Pin (A)	1	
5	W006	• • • Washer	1		35	P 007	• • • Pin (B)	1	
6	2085	• • • Thumb nut	1		36	2102	Upper feed driving rock shaft front crank	1	
7	2086	Upper feed regulator	1		37	P 012	• • • Pin	1	
8	2087	• • • /Pin	1		38	2103	Upper feed driving rock shaft	1	
9	2088	• • • • • Washer	2		39	2104	• • • Rear bushing	1	
10	S 070	• • • • • Screw	1		40	S 066	• • • • • Screw	2	
11	2089	Upper feed dog bar connection	1		41	P 013	• • • • • Pin	2	
12	2090	Upper feed dog	1		42	2105	• • • Rear crank	1	
13	S 076	• • • Screw	1		43	S 079	• • • • • Screw	2	
14	N 003	• • • • • Nut	1		44	P 014	• • • • • Pin	1	
15	2091	Upper feed dog bar	1		45	2106	• • • • • Roller stud	1	
16	2092	• • • Bracket	1		46	2107	• • • • • Roller	1	
17	S 077	• • • Hinge screw	1		47	N 001	• • • • • Roller stud nut	1	
18	N 004	• • • • • Nut	1		48	2108	Upper feed driving rock cam	1	
19	S 074	• • • Bracket screw	2		49	S 080	• • • Screw	3	
20	2093	Presser bar	1						
21	2094	Upper feed dog bar guide block	1		50	C 2086	Upper feed regulator asm.	1	
22	P 010	• • • Pin	1		51	C 2092	Upper feed dog bar bracket asm.	1	
23	2095	Presser regulating thumb screw	1		52	C 2093	Presser bar asm.	1	
24	2096	• • • Nut	1		53	C 2095	Presser regulating thumb screw asm.	1	
25	2097	Presser bar spring	1		54	C 2098	Presser bar lifting bracket asm.	1	
26	2098	Presser bar lifting bracket	1		55	C 2099	Presser bar stopper bracket asm.	1	
27	S 078	• • • Screw	2		56	C 2105	Upper feed driving rock shaft rear crank asm.	1	
28	2099	Presser bar stopper bracket	1						
29	S 078	• • • Screw	2						
30	2100	Presser bar bushing	1						

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NEW TYPE MACHINE EXCLUSIVE PARTS

Part No.	Description	Amt Req			Part No.	Description	Amt Req		
2055B	Feed rock shaft crank	1			2182	Hook driving shaft rear bushing	1		
2056B	Feed forked connection	1							
2069B	Hook driving shaft crank	1			3060	Feed regulator connecting link	1		
2122	Spring	2				hinge pin			
2123	Oil felt holder	1							
2124	Oil felt	1			S009	Screw 15/64-28 L=7.0	2		
2125	Oil pipe	1			S053	Screw 15/64-28 L=12.0	2		
2144	Feed drive eccentric cam	1			S066	Screw 15/64-28 L=14.0	1		
2164	Feed rock shaft crank stud	1			S074	Screw 3/16-28 L=15.5	2		
2166	Snap ring	1			S085	Screw 11/64-40 L=7.0	1		
2170	Feed rock shaft	1			S125	Screw M6 L=20.0	2		
2173	Feed regulator	1			S127	Screw 3/16-32 L=18.0	1		
2174	Feed regulator supporting base	1			S129	Screw 9/32-28 L=16.0	1		
2175	Reverse feed control knob	1							
2176	Reverse feed control lever	1							
2177	Feed rock shaft thrust collar	1							
2178	Feed regulator scale(lower feed)	1							
2178B	Feed regulator scale (upper & lower feed)	1							
2179	Reverse feed control lever adjusting screw	2							
2180	Reverse feed control lever adjusting screw washer	2							
2181	Reverse feed control lever adjusting screw nut	2							

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